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# gffread - -F -O -o SM_V9_updated_221114.gff3
##gff-version 3
SM_V9_1 Liftoff gene    68427   68783   .       -       .
ID=Smp_329140;geneID=Smp_329140
SM_V9_1 Liftoff mRNA    68427   68783   .       -       .
ID=Smp_329140.1;Parent=Smp_329140;geneID=Smp_329140;product=Proteaso
me subunit alpha
SM_V9_1 Liftoff exon    68427   68783   .       -       .
Parent=Smp_329140.1
SM_V9_1 Liftoff CDS     68593   68763   .       -       0
Parent=Smp_329140.1
SM_V9_1 Liftoff gene    83503   131262  .       -       .
ID=Smp_315690;geneID=Smp_315690;previous_systematic_id=Smp_120050,Sm
p_199230
SM_V9_1 Liftoff mRNA    83503   131262  .       -       .
ID=Smp_315690.1;Parent=Smp_315690;geneID=Smp_315690;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_1 Liftoff exon    83503   83870   .       -       .
Parent=Smp_315690.1
SM_V9_1 Liftoff exon    123081  123305  .       -       .
Parent=Smp_315690.1
SM_V9_1 Liftoff exon    125495  125778  .       -       .
Parent=Smp_315690.1
SM_V9_1 Liftoff exon    131175  131262  .       -       .
Parent=Smp_315690.1
SM_V9_1 Liftoff CDS     83541   83870   .       -       0
Parent=Smp_315690.1
SM_V9_1 Liftoff CDS     123081  123305  .       -       0
Parent=Smp_315690.1
SM_V9_1 Liftoff CDS     125495  125778  .       -       2
Parent=Smp_315690.1
SM_V9_1 Liftoff CDS     131175  131232  .       -       0
Parent=Smp_315690.1
SM_V9_1 Liftoff mRNA    83503   131262  .       -       .
ID=Smp_315690.2;Parent=Smp_315690;geneID=Smp_315690;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_1 Liftoff exon    83503   83870   .       -       .
Parent=Smp_315690.2
SM_V9_1 Liftoff exon    86020   86244   .       -       .
Parent=Smp_315690.2
SM_V9_1 Liftoff exon    86976   87259   .       -       .
Parent=Smp_315690.2
SM_V9_1 Liftoff exon    120682  120949  .       -       .
Parent=Smp_315690.2
SM_V9_1 Liftoff exon    123081  123305  .       -       .
Parent=Smp_315690.2
SM_V9_1 Liftoff exon    125495  125778  .       -       .
Parent=Smp_315690.2
SM_V9_1 Liftoff exon    131175  131262  .       -       .
Parent=Smp_315690.2
SM_V9_1 Liftoff CDS     83541   83870   .       -       0
Parent=Smp_315690.2
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SM_V9_1 Liftoff CDS     86020   86244   .       -       0
Parent=Smp_315690.2
SM_V9_1 Liftoff CDS     86976   87259   .       -       2
Parent=Smp_315690.2
SM_V9_1 Liftoff CDS     120682  120949  .       -       0
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SM_V9_1 Liftoff CDS     123081  123305  .       -       0
Parent=Smp_315690.2
SM_V9_1 Liftoff CDS     125495  125778  .       -       2
Parent=Smp_315690.2
SM_V9_1 Liftoff CDS     131175  131232  .       -       0
Parent=Smp_315690.2
SM_V9_1 Liftoff gene    216287  251096  .       +       .
ID=Smp_317470;geneID=Smp_317470
SM_V9_1 Liftoff mRNA    216287  227069  .       +       .
ID=Smp_317470.2;Parent=Smp_317470;geneID=Smp_317470;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_1 Liftoff exon    216287  216368  .       +       .
Parent=Smp_317470.2
SM_V9_1 Liftoff exon    221766  222049  .       +       .
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Parent=Smp_317470.2
SM_V9_1 Liftoff exon    226598  227069  .       +       .
Parent=Smp_317470.2
SM_V9_1 Liftoff CDS     216311  216368  .       +       0
Parent=Smp_317470.2
SM_V9_1 Liftoff CDS     221766  222049  .       +       2
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SM_V9_1 Liftoff CDS     224241  224465  .       +       0
Parent=Smp_317470.2
SM_V9_1 Liftoff CDS     226598  226927  .       +       0
Parent=Smp_317470.2
SM_V9_1 Liftoff mRNA    216288  250959  .       +       .
ID=Smp_317470.3;Parent=Smp_317470;geneID=Smp_317470;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_1 Liftoff exon    216288  216368  .       +       .
Parent=Smp_317470.3
SM_V9_1 Liftoff exon    221766  222049  .       +       .
Parent=Smp_317470.3
SM_V9_1 Liftoff exon    248306  248530  .       +       .
Parent=Smp_317470.3
SM_V9_1 Liftoff exon    250672  250959  .       +       .
Parent=Smp_317470.3
SM_V9_1 Liftoff CDS     216311  216368  .       +       0
Parent=Smp_317470.3
SM_V9_1 Liftoff CDS     221766  222049  .       +       2
Parent=Smp_317470.3
SM_V9_1 Liftoff CDS     248306  248530  .       +       0
Parent=Smp_317470.3
SM_V9_1 Liftoff CDS     250672  250884  .       +       0
Parent=Smp_317470.3
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ID=Smp_317470.1;Parent=Smp_317470;geneID=Smp_317470;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_1 Liftoff exon    216289  216368  .       +       .
Parent=Smp_317470.1
SM_V9_1 Liftoff exon    247292  247575  .       +       .
Parent=Smp_317470.1
SM_V9_1 Liftoff exon    248306  248530  .       +       .
Parent=Smp_317470.1
SM_V9_1 Liftoff exon    250672  251096  .       +       .
Parent=Smp_317470.1
SM_V9_1 Liftoff CDS     216311  216368  .       +       0
Parent=Smp_317470.1
SM_V9_1 Liftoff CDS     247292  247575  .       +       2
Parent=Smp_317470.1
SM_V9_1 Liftoff CDS     248306  248530  .       +       0
Parent=Smp_317470.1
SM_V9_1 Liftoff CDS     250672  250884  .       +       0
Parent=Smp_317470.1
SM_V9_1 Liftoff gene    261046  277059  .       +       .
ID=Smp_318880;geneID=Smp_318880
SM_V9_1 Liftoff mRNA    261046  277059  .       +       .
ID=Smp_318880.1;Parent=Smp_318880;geneID=Smp_318880;product=Proteaso
me subunit alpha
SM_V9_1 Liftoff exon    261046  277059  .       +       .
Parent=Smp_318880.1
SM_V9_1 Liftoff CDS     265813  265983  .       +       0
Parent=Smp_318880.1
SM_V9_1 iris    gene    284128  285188  .       -       .
ID=Smp_319020;geneID=Smp_319020;gene_name=Smp_319020;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    284128  285188  .       -       .
ID=Smp_319020.1;Parent=Smp_319020;geneID=Smp_319020;gene_name=Smp_31
9020;owner=irisadmin@local.host;orig_id=Smp_319020.1;date_last_modif
ied=2022-11-11;Name=Smp_319020.1;product=Protein disulfide
isomerase-like 1-2;date_creation=2022-07-21
SM_V9_1 iris    exon    284128  284471  .       -       .
Parent=Smp_319020.1;Name=ee40778d-c899-41d9-a188-4e2d5cf39b7f
SM_V9_1 iris    exon    284512  284576  .       -       .
Parent=Smp_319020.1;Name=7cac429d-4736-4d90-b9fd-cc04f939d1aa
SM_V9_1 iris    exon    284618  284739  .       -       .
Parent=Smp_319020.1;Name=3d354168-7972-4269-8973-b5f684f1f645
SM_V9_1 iris    exon    285147  285188  .       -       .
Parent=Smp_319020.1;Name=17d4adf2-a53f-4032-a7c6-8d93f418bb4f
SM_V9_1 iris    CDS     284372  284471  .       -       1
Parent=Smp_319020.1
SM_V9_1 iris    CDS     284512  284576  .       -       0
Parent=Smp_319020.1
SM_V9_1 iris    CDS     284618  284695  .       -       0
Parent=Smp_319020.1
SM_V9_1 iris    gene    404134  411056  .       -       .
ID=Smp_349630;geneID=Smp_349630;gene_name=Smp_349630;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-29
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SM_V9_1 iris    mRNA    404133  411056  .       -       .
ID=Smp_349630.1;Parent=Smp_349630;geneID=Smp_349630;gene_name=Smp_34
9630;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349630.1;date_creation=2022-07-29
SM_V9_1 iris    exon    404133  404492  .       -       .
Parent=Smp_349630.1;Name=Smp_349630.1-CDS
SM_V9_1 iris    exon    405455  405603  .       -       .
Parent=Smp_349630.1;Name=7e9998f9-81cf-4641-b5b8-c3e2fa69f7b6
SM_V9_1 iris    exon    406433  406510  .       -       .
Parent=Smp_349630.1;Name=5acaec49-a5b2-4046-be66-4b49506ec14d
SM_V9_1 iris    exon    407431  407497  .       -       .
Parent=Smp_349630.1;Name=982d40e1-abc9-4152-834a-9c7fccecc04b
SM_V9_1 iris    exon    408194  408258  .       -       .
Parent=Smp_349630.1;Name=fee8e5d5-81d8-4b81-8ba8-aacd1648f56d
SM_V9_1 iris    exon    409147  409197  .       -       .
Parent=Smp_349630.1;Name=96ec157f-f98d-4f54-a818-dce4100fafe8
SM_V9_1 iris    exon    410142  410240  .       -       .
Parent=Smp_349630.1;Name=2b5b628c-fda8-4378-9783-95718f5eb9cf
SM_V9_1 iris    exon    410535  410604  .       -       .
Parent=Smp_349630.1;Name=e607d615-bc08-4013-bdac-704666e9a430
SM_V9_1 iris    exon    410662  410751  .       -       .
Parent=Smp_349630.1;Name=b3be71b3-4596-4614-928b-aa2279ef5cda
SM_V9_1 iris    exon    410791  410935  .       -       .
Parent=Smp_349630.1;Name=c93f6c59-08c8-4e04-911f-deb0a3ec6eee
SM_V9_1 iris    exon    411019  411056  .       -       .
Parent=Smp_349630.1;Name=66c5a7d7-445f-49ba-b8fc-bc0bc05da917
SM_V9_1 iris    CDS     404460  404492  .       -       0
Parent=Smp_349630.1
SM_V9_1 iris    CDS     405455  405603  .       -       2
Parent=Smp_349630.1
SM_V9_1 iris    CDS     406433  406510  .       -       2
Parent=Smp_349630.1
SM_V9_1 iris    CDS     407431  407497  .       -       0
Parent=Smp_349630.1
SM_V9_1 iris    CDS     408194  408258  .       -       2
Parent=Smp_349630.1
SM_V9_1 iris    CDS     409147  409197  .       -       2
Parent=Smp_349630.1
SM_V9_1 iris    CDS     410142  410240  .       -       2
Parent=Smp_349630.1
SM_V9_1 iris    CDS     410535  410604  .       -       0
Parent=Smp_349630.1
SM_V9_1 iris    CDS     410662  410751  .       -       0
Parent=Smp_349630.1
SM_V9_1 iris    CDS     410791  410935  .       -       1
Parent=Smp_349630.1
SM_V9_1 iris    CDS     411019  411023  .       -       0
Parent=Smp_349630.1
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ID=Smp_349560;geneID=Smp_349560;gene_name=Smp_349560;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-21
SM_V9_1 iris    mRNA    462919  472249  .       +       .
ID=Smp_349560.1;Parent=Smp_349560;geneID=Smp_349560;gene_name=Smp_34
9560;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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mp_349560.1;date_creation=2022-07-21
SM_V9_1 iris    exon    462919  462953  .       +       .
Parent=Smp_349560.1;Name=ec95000a-95a6-4cbf-9537-08e0518a3c23
SM_V9_1 iris    exon    463039  463177  .       +       .
Parent=Smp_349560.1;Name=be1a5370-88ae-4935-ac20-91783d5aa53b
SM_V9_1 iris    exon    463217  463306  .       +       .
Parent=Smp_349560.1;Name=Smp_349560.1-CDS
SM_V9_1 iris    exon    463364  463433  .       +       .
Parent=Smp_349560.1;Name=26d7ce72-2556-4d88-ab1c-c71a4a43d0fa
SM_V9_1 iris    exon    463728  463826  .       +       .
Parent=Smp_349560.1;Name=8de32a75-bf5d-48ad-987c-9f2ad44249c1
SM_V9_1 iris    exon    464771  464821  .       +       .
Parent=Smp_349560.1;Name=5213f7f3-0d29-4194-ba27-60ffba4e6e6a
SM_V9_1 iris    exon    465710  465774  .       +       .
Parent=Smp_349560.1;Name=f3ca58dd-96de-44d1-8543-4c41a52dbe0a
SM_V9_1 iris    exon    468803  468869  .       +       .
Parent=Smp_349560.1;Name=6af78779-2341-4d4a-ab2a-ab8693360b19
SM_V9_1 iris    exon    469790  469867  .       +       .
Parent=Smp_349560.1;Name=e225d0ed-e6a6-4a41-a16e-b5f6810f1c85
SM_V9_1 iris    exon    470697  470845  .       +       .
Parent=Smp_349560.1;Name=4a2ba3ac-01e2-4a3d-a308-0513eafceca9
SM_V9_1 iris    exon    471808  472249  .       +       .
Parent=Smp_349560.1;Name=d43fd116-de09-4f98-a992-f96771c1c9c6
SM_V9_1 iris    CDS     463238  463306  .       +       0
Parent=Smp_349560.1
SM_V9_1 iris    CDS     463364  463433  .       +       0
Parent=Smp_349560.1
SM_V9_1 iris    CDS     463728  463826  .       +       2
Parent=Smp_349560.1
SM_V9_1 iris    CDS     464771  464821  .       +       2
Parent=Smp_349560.1
SM_V9_1 iris    CDS     465710  465774  .       +       2
Parent=Smp_349560.1
SM_V9_1 iris    CDS     468803  468869  .       +       0
Parent=Smp_349560.1
SM_V9_1 iris    CDS     469790  469867  .       +       2
Parent=Smp_349560.1
SM_V9_1 iris    CDS     470697  470845  .       +       2
Parent=Smp_349560.1
SM_V9_1 iris    CDS     471808  471840  .       +       0
Parent=Smp_349560.1
SM_V9_1 iris    gene    617998  625946  .       +       .
ID=Smp_179970;geneID=Smp_179970;gene_name=Smp_179970;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
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ID=Smp_179970.1;Parent=Smp_179970;geneID=Smp_179970;gene_name=Smp_17
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protein 1;date_creation=2022-07-21
SM_V9_1 iris    exon    617998  618025  .       +       .
Parent=Smp_179970.1;Name=f4c5e15b-ce00-4e95-b5ff-9329c0d3b8b8
SM_V9_1 iris    exon    618109  618253  .       +       .
Parent=Smp_179970.1;Name=e10c00c3-939a-486a-b630-bdaebcce6708
SM_V9_1 iris    exon    618291  618383  .       +       .
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Parent=Smp_179970.1;Name=b12a6b89-5eff-45f8-ade0-17a63176a512
SM_V9_1 iris    exon    618441  618510  .       +       .
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Parent=Smp_179970.1;Name=e3311f6d-cb99-4649-b391-aa735337a891
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Parent=Smp_179970.1;Name=8ef45995-16e4-4795-ab59-2318b7ed78d6
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SM_V9_1 iris    exon    621721  621787  .       +       .
Parent=Smp_179970.1;Name=5aec9405-4520-4199-b010-fa6cb6cf1526
SM_V9_1 iris    exon    623543  623620  .       +       .
Parent=Smp_179970.1;Name=9fe5e8e7-d1f9-4d91-b1e9-9846a5f93e25
SM_V9_1 iris    exon    624492  624640  .       +       .
Parent=Smp_179970.1;Name=8aac8497-e6dd-4862-ba43-50b3a614d388
SM_V9_1 iris    exon    625431  625508  .       +       .
Parent=Smp_179970.1;Name=ab418809-2a22-4b4e-b69a-887fe40cf5f7
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Parent=Smp_179970.1;Name=7a7f4153-62f6-44b7-9205-4c0dd7b325f1
SM_V9_1 iris    CDS     618021  618025  .       +       0
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SM_V9_1 iris    CDS     618109  618253  .       +       1
Parent=Smp_179970.1
SM_V9_1 iris    CDS     618291  618383  .       +       0
Parent=Smp_179970.1
SM_V9_1 iris    CDS     618441  618510  .       +       0
Parent=Smp_179970.1
SM_V9_1 iris    CDS     618778  618876  .       +       2
Parent=Smp_179970.1
SM_V9_1 iris    CDS     619933  619983  .       +       2
Parent=Smp_179970.1
SM_V9_1 iris    CDS     620962  621026  .       +       2
Parent=Smp_179970.1
SM_V9_1 iris    CDS     621721  621787  .       +       0
Parent=Smp_179970.1
SM_V9_1 iris    CDS     623543  623620  .       +       2
Parent=Smp_179970.1
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Parent=Smp_179970.1
SM_V9_1 iris    CDS     625607  625753  .       +       0
Parent=Smp_179970.1
SM_V9_1 iris    gene    705699  713638  .       +       .
ID=Smp_173350;geneID=Smp_173350;gene_name=Smp_173350;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    705699  713638  .       +       .
ID=Smp_173350.1;Parent=Smp_173350;geneID=Smp_173350;gene_name=Smp_17
3350;owner=irisadmin@local.host;orig_id=Smp_173350.1;date_last_modif
ied=2022-07-21;Name=Smp_173350.1;product=ABC transporter G family
member 21;date_creation=2022-07-21
SM_V9_1 iris    exon    705699  705726  .       +       .
Parent=Smp_173350.1;Name=fd963c55-ad64-49b9-89f2-3c126d566304
SM_V9_1 iris    exon    705810  705954  .       +       .
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Parent=Smp_173350.1;Name=f2b6e3ef-c6a8-4dde-99e7-5ebe75729b65
SM_V9_1 iris    exon    705992  706084  .       +       .
Parent=Smp_173350.1;Name=dcf8e9de-72cd-45be-8bb9-4bff48895507
SM_V9_1 iris    exon    706142  706211  .       +       .
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SM_V9_1 iris    exon    706490  706582  .       +       .
Parent=Smp_173350.1;Name=e4ceee63-1d58-4eed-b824-208e104d549d
SM_V9_1 iris    exon    707634  707684  .       +       .
Parent=Smp_173350.1;Name=1732104a-1ca7-43e1-ac30-92e28271db2e
SM_V9_1 iris    exon    708663  708727  .       +       .
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SM_V9_1 iris    exon    709421  709487  .       +       .
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Parent=Smp_173350.1;Name=8eb4e63e-7cf9-438b-b4e7-81965adb9cc2
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18
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SM_V9_1 Liftoff exon    1242774 1243087 .       +       .
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SM_V9_1 Liftoff CDS     1251671 1251789 .       +       2
Parent=Smp_319340.1
SM_V9_1 Liftoff CDS     1252598 1252683 .       +       0
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SM_V9_1 Liftoff CDS     1256181 1256353 .       +       1
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SM_V9_1 Liftoff exon    1242774 1243087 .       +       .
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SM_V9_1 Liftoff exon    1251671 1251789 .       +       .
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SM_V9_1 Liftoff CDS     1242774 1243087 .       +       2
Parent=Smp_319340.2
SM_V9_1 Liftoff CDS     1250632 1250674 .       +       0
Parent=Smp_319340.2
SM_V9_1 Liftoff CDS     1251671 1251789 .       +       2
Parent=Smp_319340.2
SM_V9_1 Liftoff CDS     1252598 1252683 .       +       0
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SM_V9_1 Liftoff CDS     1256181 1256353 .       +       1
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SM_V9_1 Liftoff mRNA    1237156 1270054 .       +       .
ID=Smp_319340.3;Parent=Smp_319340;geneID=Smp_319340;product=Conserve
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SM_V9_1 Liftoff exon    1250632 1250674 .       +       .
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SM_V9_1 Liftoff CDS     1251671 1251789 .       +       2
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SM_V9_1 Liftoff CDS     1256181 1256353 .       +       1
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Parent=Smp_350240.1;Name=3f660c30-b9e5-41ef-8c29-67b27bbd1f99
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SM_V9_1 iris    exon    1482183 1482442 .       +       .
Parent=Smp_199340.1;Name=4fcd6e66-af99-472c-a13f-bbde6debbe4a
SM_V9_1 iris    exon    1482476 1482571 .       +       .
Parent=Smp_199340.1;Name=051f8170-60be-46f8-bae1-2d3a963c8a2d
SM_V9_1 iris    exon    1482609 1482732 .       +       .
Parent=Smp_199340.1;Name=22e04fdc-0114-437c-a091-ee9c512e0551
SM_V9_1 iris    exon    1482766 1482811 .       +       .
Parent=Smp_199340.1;Name=9a9dad08-576a-42ce-8e05-36ba7f915ba2
SM_V9_1 iris    exon    1482845 1483022 .       +       .
Parent=Smp_199340.1;Name=69a057cd-4de2-486f-b380-00b4bea5beb6
SM_V9_1 iris    exon    1483053 1483301 .       +       .
Parent=Smp_199340.1;Name=332990cc-953f-4b06-9c45-07cc1d3f7560
SM_V9_1 iris    exon    1484140 1484205 .       +       .
Parent=Smp_199340.1;Name=408ea0e1-8345-4e71-bf68-cbea3ab021ce
SM_V9_1 iris    exon    1485544 1485660 .       +       .
Parent=Smp_199340.1;Name=4b721a90-c7d2-447b-8088-2589b68a47c4
SM_V9_1 iris    exon    1485702 1485756 .       +       .
Parent=Smp_199340.1;Name=9b343df5-7046-4175-a484-d170ab6e9d27
SM_V9_1 iris    exon    1486404 1486478 .       +       .
Parent=Smp_199340.1;Name=2d96a658-5214-44a2-a112-18dc7bab6750
SM_V9_1 iris    exon    1488290 1488480 .       +       .
Parent=Smp_199340.1;Name=82f1708c-68a0-4eb8-952c-96e62b18ab96
SM_V9_1 iris    exon    1488525 1488600 .       +       .
Parent=Smp_199340.1;Name=ecb352f9-be15-4ad7-99bc-38e9e2c7d6f1
SM_V9_1 iris    exon    1488639 1488842 .       +       .
Parent=Smp_199340.1;Name=3a6abb7f-323b-418f-95c2-d4c4af541de9
SM_V9_1 iris    CDS     1476493 1476532 .       +       0
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SM_V9_1 iris    CDS     1482183 1482442 .       +       2
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1482476 1482571 .       +       0
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1482609 1482732 .       +       0
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1482766 1482811 .       +       2
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1482845 1483022 .       +       1
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1483053 1483301 .       +       0
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1484140 1484205 .       +       0
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1485544 1485660 .       +       0
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1485702 1485756 .       +       0
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1486404 1486478 .       +       2
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1488290 1488480 .       +       2
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1488525 1488600 .       +       0
Parent=Smp_199340.1
SM_V9_1 iris    CDS     1488639 1488808 .       +       2
Parent=Smp_199340.1
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SM_V9_1 Liftoff gene    1770886 1791587 .       -       .
ID=Smp_180260;geneID=Smp_180260
SM_V9_1 Liftoff mRNA    1770886 1791587 .       -       .
ID=Smp_180260.1;Parent=Smp_180260;geneID=Smp_180260;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_1 Liftoff exon    1770886 1771254 .       -       .
Parent=Smp_180260.1
SM_V9_1 Liftoff exon    1775967 1775998 .       -       .
Parent=Smp_180260.1
SM_V9_1 Liftoff exon    1776389 1777029 .       -       .
Parent=Smp_180260.1
SM_V9_1 Liftoff exon    1789766 1791587 .       -       .
Parent=Smp_180260.1
SM_V9_1 Liftoff CDS     1770922 1771254 .       -       0
Parent=Smp_180260.1
SM_V9_1 Liftoff CDS     1775967 1775998 .       -       2
Parent=Smp_180260.1
SM_V9_1 Liftoff CDS     1776389 1777029 .       -       1
Parent=Smp_180260.1
SM_V9_1 Liftoff CDS     1789766 1790562 .       -       0
Parent=Smp_180260.1
SM_V9_1 Liftoff gene    1806071 1815503 .       +       .
ID=Smp_311250;geneID=Smp_311250;previous_systematic_id=Smp_201250
SM_V9_1 Liftoff mRNA    1806071 1815503 .       +       .
ID=Smp_311250.1;Parent=Smp_311250;geneID=Smp_311250;product=Annexin
A10;polypeptide_domain=InterPro:IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_1 Liftoff exon    1806071 1806179 .       +       .
Parent=Smp_311250.1
SM_V9_1 Liftoff exon    1808989 1809101 .       +       .
Parent=Smp_311250.1
SM_V9_1 Liftoff exon    1815140 1815503 .       +       .
Parent=Smp_311250.1
SM_V9_1 Liftoff CDS     1806176 1806179 .       +       0
Parent=Smp_311250.1
SM_V9_1 Liftoff CDS     1808989 1809101 .       +       2
Parent=Smp_311250.1
SM_V9_1 Liftoff CDS     1815140 1815322 .       +       0
Parent=Smp_311250.1
SM_V9_1 iris    gene    1919469 1927420 .       +       .
ID=Smp_349570;geneID=Smp_349570;gene_name=Smp_349570;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-22
SM_V9_1 iris    mRNA    1919468 1927420 .       +       .
ID=Smp_349570.1;Parent=Smp_349570;geneID=Smp_349570;gene_name=Smp_34
9570;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349570.1;date_creation=2022-07-22
SM_V9_1 iris    exon    1919468 1919494 .       +       .
Parent=Smp_349570.1;Name=Smp_349570.1-CDS
SM_V9_1 iris    exon    1919578 1919724 .       +       .
Parent=Smp_349570.1;Name=03fe89d3-3922-4600-bce6-9f7b04c14c50
SM_V9_1 iris    exon    1919762 1919854 .       +       .
Parent=Smp_349570.1;Name=ff071f89-18e3-4c68-8866-bcad761238c8
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SM_V9_1 iris    exon    1919912 1919981 .       +       .
Parent=Smp_349570.1;Name=04a60a6a-bd9d-4e26-81bb-3c5ebefa0392
SM_V9_1 iris    exon    1920254 1920352 .       +       .
Parent=Smp_349570.1;Name=1fad4ce1-2c60-4223-9bd7-bc0f027ff01b
SM_V9_1 iris    exon    1921403 1921453 .       +       .
Parent=Smp_349570.1;Name=58d45b0e-a909-4a1a-91eb-6724e6d12cc5
SM_V9_1 iris    exon    1922437 1922501 .       +       .
Parent=Smp_349570.1;Name=520234f0-4bab-4f3f-969f-c58dd5e05f0b
SM_V9_1 iris    exon    1923196 1923262 .       +       .
Parent=Smp_349570.1;Name=cb8d1814-3d5b-425e-9943-6a2b193b85ab
SM_V9_1 iris    exon    1925004 1925084 .       +       .
Parent=Smp_349570.1;Name=b6b99137-784e-4051-a957-6a5ea47c4da3
SM_V9_1 iris    exon    1925965 1926113 .       +       .
Parent=Smp_349570.1;Name=59bbb6bc-0196-4571-a7cd-086685580864
SM_V9_1 iris    exon    1926890 1927018 .       +       .
Parent=Smp_349570.1;Name=afdeb5c1-e987-4d30-a820-d932fcac8cf5
SM_V9_1 iris    exon    1927069 1927420 .       +       .
Parent=Smp_349570.1;Name=0b72f3eb-124f-4121-a2f1-526c9825f611
SM_V9_1 iris    CDS     1919492 1919494 .       +       0
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1919578 1919724 .       +       0
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1919762 1919854 .       +       0
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1919912 1919981 .       +       0
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1920254 1920352 .       +       2
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1921403 1921453 .       +       2
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1922437 1922501 .       +       2
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1923196 1923262 .       +       0
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1925004 1925084 .       +       2
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1925965 1926113 .       +       2
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1926890 1927018 .       +       0
Parent=Smp_349570.1
SM_V9_1 iris    CDS     1927069 1927221 .       +       0
Parent=Smp_349570.1
SM_V9_1 Liftoff gene    2036588 2036722 .       +       .
ID=Smp_242000;geneID=Smp_242000;previous_systematic_id=Smp_164490
SM_V9_1 Liftoff mRNA    2036588 2036722 .       +       .
ID=Smp_242000.1;Parent=Smp_242000;geneID=Smp_242000;product=Sulfite
reductase [NADPH] hemoprotein beta-component
SM_V9_1 Liftoff exon    2036588 2036722 .       +       .
Parent=Smp_242000.1
SM_V9_1 Liftoff CDS     2036588 2036722 .       +       0
Parent=Smp_242000.1
SM_V9_1 Liftoff gene    2040270 2042089 .       +       .
ID=Smp_078490;geneID=Smp_078490
SM_V9_1 Liftoff mRNA    2040270 2042089 .       +       .
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ID=Smp_078490.1;Parent=Smp_078490;geneID=Smp_078490;product=Venom allergen-like (VAL) 14 protein;evidence=Traceable Author Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR001283,IPR014044 Pfam:PF00188
SM_V9_1 Liftoff exon 2040270 2040483 . + . Parent=Smp_078490.1
SM_V9_1 Liftoff exon 2040538 2040668 . + . Parent=Smp_078490.1
SM_V9_1 Liftoff exon 2040709 2040790 . + . Parent=Smp_078490.1
SM_V9_1 Liftoff exon 2041445 2041533 . + . Parent=Smp_078490.1
SM_V9_1 Liftoff exon 2041640 2042089 . + . Parent=Smp_078490.1
SM_V9_1 Liftoff CDS 2040295 2040483 . + 0 Parent=Smp_078490.1
SM_V9_1 Liftoff CDS 2040538 2040668 . + 0 Parent=Smp_078490.1
SM_V9_1 Liftoff CDS 2040709 2040790 . + 1 Parent=Smp_078490.1
SM_V9_1 Liftoff CDS 2041445 2041533 . + 0 Parent=Smp_078490.1
SM_V9_1 Liftoff CDS 2041640 2041808 . + 1 Parent=Smp_078490.1
SM_V9_1 Liftoff gene 2060457 2061422 . - . ID=Smp_164480;geneID=Smp_164480
SM_V9_1 Liftoff mRNA 2060457 2061422 . - . ID=Smp_164480.1;Parent=Smp_164480;geneID=Smp_164480;product=Tubulin beta-7 chain;polypeptide_domain=InterPro:IPR000217,IPR002453,IPR003008,IPR008280,IPR017975,IPR018316 Pfam:PF00091;Ontology_term=GO:0003924,GO:0005200,GO:0005525,GO:0005874,GO:0007017
SM_V9_1 Liftoff exon 2060457 2061422 . - . Parent=Smp_164480.1
SM_V9_1 Liftoff CDS 2060523 2061218 . - 0 Parent=Smp_164480.1
SM_V9_1 iris gene 2096695 2105036 . + . ID=Smp_350510;geneID=Smp_350510;gene_name=Smp_350510;owner=irisadmin@local.host;date_last_modified=2022-11-14;date_creation=2022-07-29
SM_V9_1 iris mRNA 2096695 2105036 . + . ID=Smp_350510.1;Parent=Smp_350510;geneID=Smp_350510;gene_name=Smp_350510;owner=irisadmin@local.host;orig_id=Smp_201260.1;date_last_modified=2022-11-14;Name=Smp_350510.1;date_creation=2022-07-29
SM_V9_1 iris exon 2096695 2096722 . + . Parent=Smp_350510.1;Name=be79f8b8-86b4-45bf-b5a9-6f7ae461db74
SM_V9_1 iris exon 2096806 2096950 . + . Parent=Smp_350510.1;Name=81d9e4eb-9534-4bf1-a27d-f048b0783a5f
SM_V9_1 iris exon 2096987 2097076 . + . Parent=Smp_350510.1;Name=80fa8db8-01a2-4690-a659-330f4df6e492
SM_V9_1 iris exon 2097134 2097203 . + . Parent=Smp_350510.1;Name=e146b098-8852-4463-abd2-a47917fe17e4
SM_V9_1 iris exon 2097591 2097671 . + . Parent=Smp_350510.1;Name=2d75895a-68d0-4f82-9639-03ae52f62dc6

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SM_V9_1 iris    exon    2098726 2098776 .       +       .
Parent=Smp_350510.1;Name=f1fc2dce-1031-4e20-9962-9b005e0f4f4d
SM_V9_1 iris    exon    2099610 2099674 .       +       .
Parent=Smp_350510.1;Name=e63f62f0-42b0-451d-8d57-9d2b2d9d68b6
SM_V9_1 iris    exon    2100368 2100434 .       +       .
Parent=Smp_350510.1;Name=106ebf85-8f9c-4925-b12b-ea5d344d82bb
SM_V9_1 iris    exon    2101147 2101224 .       +       .
Parent=Smp_350510.1;Name=282f8658-e443-4093-9ee0-2ddaefc255a7
SM_V9_1 iris    exon    2102474 2102622 .       +       .
Parent=Smp_350510.1;Name=bb9b4451-e394-42b9-b7de-9918e0419dc8
SM_V9_1 iris    exon    2103402 2103500 .       +       .
Parent=Smp_350510.1;Name=44f03247-59ee-4f09-ab30-1b57ec02cd56
SM_V9_1 iris    exon    2103692 2103790 .       +       .
Parent=Smp_350510.1;Name=0e58d065-e615-4fe4-af8a-e2a7aa3d99ae
SM_V9_1 iris    exon    2103982 2104080 .       +       .
Parent=Smp_350510.1;Name=7e87f7d3-43e8-43cd-89cd-70a7979f25d6
SM_V9_1 iris    exon    2104272 2104370 .       +       .
Parent=Smp_350510.1;Name=c92ddf5c-360a-40cd-b21d-d1aca818f171
SM_V9_1 iris    exon    2104563 2104691 .       +       .
Parent=Smp_350510.1;Name=0ac5b078-3e3c-46c9-8427-3d7005b67a98
SM_V9_1 iris    exon    2104742 2105036 .       +       .
Parent=Smp_350510.1;Name=29842d70-a824-4326-89cb-684bccbed134
SM_V9_1 iris    CDS     2096697 2096722 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2096806 2096950 .       +       1
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2096987 2097076 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2097134 2097203 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2097591 2097671 .       +       2
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2098726 2098776 .       +       2
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SM_V9_1 iris    CDS     2099610 2099674 .       +       2
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2100368 2100434 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2101147 2101224 .       +       2
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SM_V9_1 iris    CDS     2102474 2102622 .       +       2
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SM_V9_1 iris    CDS     2103402 2103500 .       +       0
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SM_V9_1 iris    CDS     2103692 2103790 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2103982 2104080 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2104272 2104370 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2104563 2104691 .       +       0
Parent=Smp_350510.1
SM_V9_1 iris    CDS     2104742 2104930 .       +       0
Parent=Smp_350510.1
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SM_V9_1 iris    gene    2099946 2100221 .       +       .
ID=Smp_201260;geneID=Smp_201260;gene_name=Smp_201260;owner=irisadmin
@local.host;date_last_modified=2022-11-11;date_creation=2022-11-11
SM_V9_1 iris    mRNA    2099946 2100221 .       +       .
ID=Smp_201260.1;Parent=Smp_201260;geneID=Smp_201260;gene_name=Smp_20
1260;owner=irisadmin@local.host;orig_id=Smp_201260.1;date_last_modif
ied=2022-11-11;Name=Smp_201260.1;product=Ribonuclease pancreatic
alpha-type;date_creation=2022-11-11
SM_V9_1 iris    exon    2099946 2100221 .       +       .
Parent=Smp_201260.1;Name=Smp_201260.1-CDS
SM_V9_1 iris    CDS     2099956 2100204 .       +       0
Parent=Smp_201260.1
SM_V9_1 Liftoff gene    2169362 2175656 .       -       .
ID=Smp_099150;geneID=Smp_099150
SM_V9_1 Liftoff mRNA    2169362 2175656 .       -       .
ID=Smp_099150.1;Parent=Smp_099150;geneID=Smp_099150;product=Pleckstr
in homology domain-containing family B member
2;polypeptide_domain=InterPro:IPR001849,IPR011993 Pfam:PF00169
SM_V9_1 Liftoff exon    2169362 2169885 .       -       .
Parent=Smp_099150.1
SM_V9_1 Liftoff exon    2171992 2172279 .       -       .
Parent=Smp_099150.1
SM_V9_1 Liftoff exon    2175388 2175530 .       -       .
Parent=Smp_099150.1
SM_V9_1 Liftoff exon    2175571 2175656 .       -       .
Parent=Smp_099150.1
SM_V9_1 Liftoff CDS     2169649 2169885 .       -       0
Parent=Smp_099150.1
SM_V9_1 Liftoff CDS     2171992 2172279 .       -       0
Parent=Smp_099150.1
SM_V9_1 Liftoff CDS     2175388 2175530 .       -       2
Parent=Smp_099150.1
SM_V9_1 Liftoff CDS     2175571 2175619 .       -       0
Parent=Smp_099150.1
SM_V9_1 Liftoff gene    2193640 2196692 .       +       .
ID=Smp_099160;geneID=Smp_099160
SM_V9_1 Liftoff mRNA    2193640 2196692 .       +       .
ID=Smp_099160.1;Parent=Smp_099160;geneID=Smp_099160;product=SUZ
domain-containing protein 1;polypeptide_domain=InterPro:IPR024771
Pfam:PF12752
SM_V9_1 Liftoff exon    2193640 2193916 .       +       .
Parent=Smp_099160.1
SM_V9_1 Liftoff exon    2193950 2194069 .       +       .
Parent=Smp_099160.1
SM_V9_1 Liftoff exon    2195578 2196171 .       +       .
Parent=Smp_099160.1
SM_V9_1 Liftoff exon    2196464 2196692 .       +       .
Parent=Smp_099160.1
SM_V9_1 Liftoff CDS     2193843 2193916 .       +       0
Parent=Smp_099160.1
SM_V9_1 Liftoff CDS     2193950 2194069 .       +       1
Parent=Smp_099160.1
SM_V9_1 Liftoff CDS     2195578 2196171 .       +       1
Parent=Smp_099160.1
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SM_V9_1 Liftoff CDS     2196464 2196491 .       +       1
Parent=Smp_099160.1
SM_V9_1 Liftoff gene    2207871 2223286 .       -       .
ID=Smp_099210;geneID=Smp_099210
SM_V9_1 Liftoff mRNA    2207871 2223286 .       -       .
ID=Smp_099210.1;Parent=Smp_099210;geneID=Smp_099210;product=UPF0602
protein C4orf47;polypeptide_domain=InterPro:IPR029358 Pfam:PF15239
SM_V9_1 Liftoff exon    2207871 2223286 .       -       .
Parent=Smp_099210.1
SM_V9_1 Liftoff CDS     2222260 2223165 .       -       0
Parent=Smp_099210.1
SM_V9_1 Liftoff gene    2223385 2268741 .       +       .
ID=Smp_176600;geneID=Smp_176600
SM_V9_1 Liftoff mRNA    2223385 2268741 .       +       .
ID=Smp_176600.1;Parent=Smp_176600;geneID=Smp_176600;product=Serine/
threonine-protein phosphatase 2A 56 kDa regulatory subunit delta
isoform;polypeptide_domain=InterPro:IPR002554,IPR011989,IPR016024
Pfam:PF01603;Ontology_term=GO:0000159,GO:0005488,GO:0007165,GO:00198
88
SM_V9_1 Liftoff exon    2223385 2223823 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2227268 2227581 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2231036 2231128 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2241729 2241859 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2244766 2244825 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2248235 2248397 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2251390 2251560 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2260121 2260245 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2262486 2262587 .       +       .
Parent=Smp_176600.1
SM_V9_1 Liftoff exon    2265365 2265659 .       +       .
Parent=Smp_176600.1
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6;polypeptide_domain=InterPro:IPR000210,IPR011333,IPR011705,IPR01298
3 Pfam:PF00651,PF07707,PF08005;Ontology_term=GO:0005515
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Parent=Smp_346460.1
SM_V9_1 Liftoff exon 2311942 2312978 . + .
Parent=Smp_346460.1
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SM_V9_1 Liftoff exon 2328388 2328489 . + .
Parent=Smp_346460.1
SM_V9_1 Liftoff exon 2335731 2336009 . + .
Parent=Smp_346460.1
SM_V9_1 Liftoff exon 2341405 2341740 . + .
Parent=Smp_346460.1
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Parent=Smp_346460.1
SM_V9_1 Liftoff CDS 2307918 2308272 . + 0

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ID=Smp_099240.1;Parent=Smp_099240;geneID=Smp_099240;gene_name=Smp_09
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protein;date_creation=2022-07-22
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Parent=Smp_099240.1;Name=000726cd-81c7-4c41-978a-63f71b8537e2
SM_V9_1 iris    exon    2355658 2355915 .       -       .
Parent=Smp_099240.1;Name=4a0a7dfa-9b11-4544-80ce-b48f7e8d7cc4
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SM_V9_1 iris    exon    2360433 2361069 .       -       .
Parent=Smp_099240.1;Name=727d9fa4-6d10-49ff-9a1e-001e42d38bc6
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ID=Smp_176620.1;Parent=Smp_176620;geneID=Smp_176620;gene_name=Smp_17
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11B;date_creation=2022-07-22
SM_V9_1 iris    exon    2362101 2362692 .       -       .
Parent=Smp_176620.1;Name=1119f439-de04-4b26-a18b-aadb683dd9da
SM_V9_1 iris    exon    2363844 2364120 .       -       .
Parent=Smp_176620.1;Name=9accbbb8-cc5b-44c7-bc2b-9a69263c269e
SM_V9_1 iris    exon    2365861 2365960 .       -       .
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Parent=Smp_176620.1;Name=0ee6d984-765e-4512-b12d-69074f541806
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ID=Smp_176630.1;Parent=Smp_176630;geneID=Smp_176630;gene_name=Smp_17
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SM_V9_1 iris    exon    2397691 2397860 .       +       .
Parent=Smp_176630.1;Name=1d245559-76cf-4918-ada9-dc35a01b92fd
SM_V9_1 iris    exon    2397895 2397984 .       +       .
Parent=Smp_176630.1;Name=41a884d0-946f-4bf6-ab47-cefd59e4b694
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Parent=Smp_176630.1;Name=b748b41b-4fce-41fa-b40e-00f7f65c6de0
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SM_V9_1 iris    exon    2411058 2411182 .       +       .
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SM_V9_1 iris    exon    2417422 2417659 .       +       .
Parent=Smp_176630.1;Name=1154da6f-c312-4c37-b18f-07021151f3aa
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ID=Smp_176640;geneID=Smp_176640
SM_V9_1 Liftoff mRNA    2428450 2436070 .       +       .
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SM_V9_1 iris    CDS     2472715 2473647 .       +       2
Parent=Smp_176650.1
SM_V9_1 iris    CDS     2477526 2477567 .       +       2
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ID=Smp_099300;geneID=Smp_099300
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ID=Smp_099300.1;Parent=Smp_099300;geneID=Smp_099300;product=28S
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ID=Smp_099310;geneID=Smp_099310
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Parent=Smp_099310.1
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ID=Smp_099310.2;Parent=Smp_099310;geneID=Smp_099310;product=Protein
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Parent=Smp_099320.1
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SM_V9_1 iris    mRNA    4895000 4913775 .       -       .
ID=Smp_164180.1;Parent=Smp_164180;geneID=Smp_164180;gene_name=Smp_16
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SM_V9_1 Liftoff CDS     4925114 4925320 .       -       0
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Parent=Smp_164200.1;Name=1fcf570d-a9ad-4809-a31f-3d54bb6fa196
SM_V9_1 iris    exon    4959145 4959242 .       -       .
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SM_V9_1 iris    exon    4969446 4969660 .       -       .
Parent=Smp_164200.1;Name=8cd2aed8-c3e1-4313-90a6-7081af9f7631
SM_V9_1 iris    exon    4970275 4970387 .       -       .
Parent=Smp_164200.1;Name=5df7bd00-b8dd-4d15-a05f-302c1bc93a73
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SM_V9_1 iris    exon    4970498 4970606 .       -       .
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Parent=Smp_077980.1;Name=cc913e6d-5e5f-40b6-ab8e-2f23492caf5d
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ID=Smp_164210;geneID=Smp_164210
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Parent=Smp_164210.1
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Parent=Smp_114430.1
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Parent=Smp_114435.1;Name=a4fd17ac-c005-498b-a897-2f47cee50c50
SM_V9_1 iris    exon    5107152 5107208 .       +       .
Parent=Smp_114435.1;Name=e7f279ff-9117-4c88-8afd-ae92b578e591
SM_V9_1 iris    exon    5108199 5108416 .       +       .
Parent=Smp_114435.1;Name=9ee69b6a-3fdb-46e2-9eab-aa631105edc7
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SM_V9_1 iris    CDS     5107152 5107208 .       +       1
Parent=Smp_114435.1
SM_V9_1 iris    CDS     5108199 5108331 .       +       1
Parent=Smp_114435.1
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Parent=Smp_086060.1
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Parent=Smp_349660.1;Name=5b51863c-918f-4e9e-93aa-37b62d1ce453
SM_V9_1 iris    CDS     5174522 5174561 .       -       1
Parent=Smp_349660.1
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Parent=Smp_349660.1
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ID=Smp_154980;geneID=Smp_154980;gene_name=Smp_154980;owner=irisadmin
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Parent=Smp_154980.1;Name=12bba101-e7c5-4380-ac31-b732aab698c1
SM_V9_1 iris    exon    5202896 5203195 .       -       .
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Parent=Smp_154980.1;Name=f7de069d-44bf-4f7a-a5d6-62dd6c5673b5
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SM_V9_1 Liftoff exon    5232256 5246228 .       +       .
Parent=Smp_154970.1
SM_V9_1 Liftoff exon    5248239 5248360 .       +       .
Parent=Smp_154970.1
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Parent=Smp_154970.1
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Parent=Smp_154970.1
SM_V9_1 Liftoff CDS     5248239 5248360 .       +       1
Parent=Smp_154970.1
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Parent=Smp_200620.1
SM_V9_1 Liftoff CDS     5275104 5275499 .       +       0
Parent=Smp_200620.1
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ID=Smp_061100;geneID=Smp_061100;gene_name=Smp_061100;owner=irisadmin
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ID=Smp_061100.1;Parent=Smp_061100;geneID=Smp_061100;gene_name=Smp_06
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SM_V9_1 iris    CDS     5293527 5293571 .       -       0
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Parent=Smp_061100.1
SM_V9_1 iris    CDS     5313132 5313212 .       -       0
Parent=Smp_061100.1
SM_V9_1 iris    CDS     5317313 5317456 .       -       0
Parent=Smp_061100.1
SM_V9_1 iris    gene    5325053 5344280 .       -       .
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of RNA polymerase II transcription subunit
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SM_V9_1 iris    exon    6255914 6256145 .       -       .
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SM_V9_1 iris    exon    6256285 6256405 .       -       .
Parent=Smp_089570.1;Name=eebe5ab8-28fd-4725-a365-c5dd9932d728
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98
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ID=Smp_245050;geneID=Smp_245050;gene_name=Smp_245050;owner=irisadmin
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SM_V9_1 iris    mRNA    6387853 6399644 .       +       .
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Pfam:PF00568
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SM_V9_1 Liftoff exon    6448803 6449900 .       +       .
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SM_V9_1 Liftoff CDS     6430077 6430282 .       +       0
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SM_V9_1 Liftoff exon    6457466 6458699 .       -       .
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Parent=Smp_089630.1
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Parent=Smp_089630.1
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Pfam:PF13085,PF13534;Ontology_term=GO:0006099,GO:0009055,GO:0016491,
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SM_V9_1 Liftoff exon    6478006 6478208 .       +       .
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Pfam:PF00207,PF07677,PF07678,PF10569;Ontology_term=GO:0004866,GO:000
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SM_V9_1 Liftoff exon    6524316 6531069 .       -       .
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SM_V9_1 iris    gene    6564692 6569399 .       -       .
ID=Smp_171060;geneID=Smp_171060;gene_name=Smp_171060;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    6564692 6569399 .       -       .
ID=Smp_171060.1;Parent=Smp_171060;geneID=Smp_171060;gene_name=Smp_17
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SM_V9_1 iris    exon    6568249 6569399 .       -       .
Parent=Smp_171060.1;Name=81df363e-3ee6-4ee1-92b6-293cb142314b
SM_V9_1 iris    CDS     6568259 6569245 .       -       0
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ID=Smp_171070;geneID=Smp_171070
SM_V9_1 Liftoff mRNA    6588316 6598819 .       -       .
ID=Smp_171070.1;Parent=Smp_171070;geneID=Smp_171070;product=Pre-
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homolog;polypeptide_domain=InterPro:IPR003890,IPR003891,IPR016024
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ID=Smp_089700;geneID=Smp_089700
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beta 2;evidence=Traceable Author
Statement;literature=PMID:25827755;polypeptide_domain=InterPro:IPR00
2035,IPR002369,IPR013032,IPR013111,IPR014836,IPR015812,IPR032695
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Parent=Smp_089700.1
SM_V9_1 Liftoff exon    6636718 6637702 .       +       .
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SM_V9_1 iris    exon    7104219 7104393 .       +       .
Parent=Smp_334270.1;Name=ee0204a7-0606-415c-8696-ee4b70b230f1
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ID=Smp_334350;geneID=Smp_334350;gene_name=Smp_334350;owner=mb4@sange
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SM_V9_1 iris    mRNA    7144116 7144664 .       +       .
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Parent=Smp_319550.1
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ID=Smp_319560;geneID=Smp_319560;gene_name=Smp_319560;owner=mb4@sange
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SM_V9_1 iris    exon    7196108 7196388 .       +       .
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ID=Smp_335440;geneID=Smp_335440;gene_name=Smp_335440;owner=mb4@sange
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SM_V9_1 iris    CDS     7226628 7226857 .       -       0
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ID=Smp_319590;geneID=Smp_319590;gene_name=Smp_319590;owner=mb4@sange
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Parent=Smp_319590.1
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ID=Smp_167830;geneID=Smp_167830;gene_name=Smp_167830;owner=mb4@sange
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ID=Smp_331680;geneID=Smp_331680;gene_name=Smp_331680;owner=mb4@sange
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SM_V9_1 iris    CDS     7271407 7271731 .       +       1
Parent=Smp_331680.1
SM_V9_1 iris    gene    7279150 7280781 .       -       .
ID=Smp_331690;geneID=Smp_331690;gene_name=Smp_331690;owner=mb4@sange
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SM_V9_1 iris    mRNA    7279150 7280781 .       -       .
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SM_V9_1 iris    CDS     7280458 7280768 .       -       0
Parent=Smp_331690.1
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ID=Smp_331700;geneID=Smp_331700;previous_systematic_id=Smp_152170,Sm
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SM_V9_1 iris    exon    7715655 7715872 .       +       .
Parent=Smp_152260.1;Name=8c20b1d0-d56d-422f-88d3-7a96f5619c49
SM_V9_1 iris    exon    7719379 7719684 .       +       .
Parent=Smp_152260.1;Name=00b54c22-f5f5-460f-b59d-145929a8a6e5
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Parent=Smp_152260.1;Name=ef261c4a-d2d8-468e-a5bf-057df818635b
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Parent=Smp_152260.1
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Parent=Smp_152260.1
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Parent=Smp_152260.1
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SM_V9_1 iris    CDS     7724717 7724843 .       +       1
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SM_V9_1 Liftoff mRNA    7737097 7737763 .       +       .
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enzyme;polypeptide_domain=InterPro:IPR012340,IPR032245 Pfam:PF16100
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Parent=Smp_319730.1
SM_V9_1 Liftoff CDS     7737150 7737728 .       +       0
Parent=Smp_319730.1
SM_V9_1 iris    gene    7760513 7761567 .       +       .
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SM_V9_1 iris    exon    7760661 7761567 .       +       .
Parent=Smp_152270.1;Name=5c959254-36c4-4a39-936e-c99fe2e41db6
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ID=Smp_056240;geneID=Smp_056240;gene_name=Smp_056240;owner=irisadmin
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SM_V9_1 iris    exon    7782668 7783079 .       -       .
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SM_V9_1 Liftoff CDS     7872175 7872237 .       +       0
Parent=Smp_152280.1
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ID=Smp_056260;geneID=Smp_056260
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ID=Smp_056260.1;Parent=Smp_056260;geneID=Smp_056260;product=Beta-1,4
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bre-4;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR0
29044 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_1 Liftoff exon    7907712 7909282 .       -       .
Parent=Smp_056260.1
SM_V9_1 Liftoff exon    7912746 7912997 .       -       .
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Parent=Smp_056260.1
SM_V9_1 Liftoff CDS     7908695 7909282 .       -       0
Parent=Smp_056260.1
SM_V9_1 Liftoff CDS     7912746 7912997 .       -       0
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ID=Smp_056260.2;Parent=Smp_056260;geneID=Smp_056260;product=Beta-1,4
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bre-4;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR0
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Parent=Smp_056260.2
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Parent=Smp_056260.2
SM_V9_1 Liftoff exon    7914538 7915444 .       -       .
Parent=Smp_056260.2
SM_V9_1 Liftoff CDS     7908695 7909282 .       -       0
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SM_V9_1 Liftoff gene    7926939 8021234 .       -       .
ID=Smp_152290;geneID=Smp_152290
SM_V9_1 Liftoff mRNA    7926939 7978854 .       -       .
ID=Smp_152290.2;Parent=Smp_152290;geneID=Smp_152290;product=Arrestin
red cell isoform
2;polypeptide_domain=InterPro:IPR011022,IPR014753,IPR014756
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SM_V9_1 Liftoff exon    7926939 7928353 .       -       .
Parent=Smp_152290.2
SM_V9_1 Liftoff exon    7935105 7935231 .       -       .
Parent=Smp_152290.2
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Parent=Smp_152290.2
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SM_V9_1 Liftoff exon    7950113 7950197 .       -       .
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Parent=Smp_152290.2
SM_V9_1 Liftoff exon    7963159 7963226 .       -       .
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SM_V9_1 Liftoff exon    7950113 7950197 .       -       .
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SM_V9_1 Liftoff exon    7957902 7958052 .       -       .
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72
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SM_V9_1 Liftoff CDS     8034757 8035050 .       -       2
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SM_V9_1 Liftoff CDS     8039719 8039837 .       -       0
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transporter;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR01787
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ID=Smp_152300;geneID=Smp_152300;gene_name=Smp_152300;owner=irisadmin
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Parent=Smp_152310.1
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Pfam:PF00069;Ontology_term=GO:0004672,GO:0004689,GO:0005516,GO:00055
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kDa exonuclease-like 2;date_creation=2022-07-19
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Parent=Smp_163230.2
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SM_V9_1 Liftoff mRNA    8678866 8693747 .       -       .
ID=Smp_163220.1;Parent=Smp_163220;geneID=Smp_163220;product=Solute
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Parent=Smp_163220.1
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1;polypeptide_domain=InterPro:IPR001680,IPR005108,IPR011044,IPR01594
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SM_V9_1 Liftoff exon    8740859 8740954 .       +       .
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SM_V9_1 Liftoff exon    8751221 8751332 .       +       .
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SM_V9_1 Liftoff exon    8755476 8755935 .       +       .
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SM_V9_1 Liftoff CDS     8755476 8755935 .       +       0
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SM_V9_1 Liftoff CDS     8758399 8758607 .       +       2
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SM_V9_1 Liftoff exon    8699331 8700893 .       +       .
Parent=Smp_163210.2
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Parent=Smp_163210.2
SM_V9_1 Liftoff exon    8755476 8755935 .       +       .
Parent=Smp_163210.2
SM_V9_1 Liftoff exon    8758399 8758607 .       +       .
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SM_V9_1 Liftoff exon    8764075 8764278 .       +       .
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SM_V9_1 Liftoff CDS     8734608 8734680 .       +       1
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SM_V9_1 Liftoff CDS     8739603 8739704 .       +       0
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SM_V9_1 Liftoff CDS     8753654 8753901 .       +       2
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SM_V9_1 Liftoff CDS     8755476 8755935 .       +       0
Parent=Smp_163210.2
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SM_V9_1 Liftoff CDS     8764075 8764278 .       +       0
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Parent=Smp_163210.3
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Parent=Smp_163210.3
SM_V9_1 Liftoff exon    8721383 8721512 .       +       .
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SM_V9_1 Liftoff exon    8722669 8722818 .       +       .
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Parent=Smp_163210.3
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SM_V9_1 Liftoff exon    8758399 8758607 .       +       .
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SM_V9_1 Liftoff exon    8764075 8764278 .       +       .
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SM_V9_1 Liftoff exon    8770951 8772868 .       +       .
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SM_V9_1 Liftoff CDS     8700752 8700941 .       +       0
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SM_V9_1 Liftoff CDS     8721383 8721512 .       +       2
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SM_V9_1 Liftoff CDS     8722669 8722818 .       +       1
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SM_V9_1 Liftoff CDS     8751221 8751332 .       +       0
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SM_V9_1 Liftoff CDS     8753654 8753901 .       +       2
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SM_V9_1 Liftoff CDS     8755476 8755935 .       +       0
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SM_V9_1 Liftoff CDS     8758399 8758607 .       +       2
Parent=Smp_163210.3
SM_V9_1 Liftoff CDS     8764075 8764278 .       +       0
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SM_V9_1 Liftoff CDS     8770951 8771079 .       +       0
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SM_V9_1 Liftoff CDS     8789900 8790184 .       -       0
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ID=Smp_068990;geneID=Smp_068990
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017441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
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ID=Smp_319950;geneID=Smp_319950
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SM_V9_1 Liftoff exon    8888964 8889197 .       -       .
Parent=Smp_320000.1
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Parent=Smp_320000.1
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ID=Smp_345080.1;Parent=Smp_345080;geneID=Smp_345080;gene_name=Smp_34
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containing protein 6;date_creation=2022-07-19
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SM_V9_1 iris    exon    8934688 8934905 .       +       .
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SM_V9_1 Liftoff CDS     9746122 9746284 .       +       2
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9746319 9746514 .       +       1
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9749073 9749238 .       +       0
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9750929 9751068 .       +       2
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9752018 9752245 .       +       0
Parent=Smp_124350.1
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Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9756209 9756420 .       +       0
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9758077 9758364 .       +       1
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9758832 9758973 .       +       1
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9760905 9761105 .       +       0
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9763324 9763412 .       +       0
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9765784 9765919 .       +       1
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SM_V9_1 Liftoff CDS     9772031 9772279 .       +       0
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9774813 9774959 .       +       0
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9776725 9777061 .       +       0
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9779645 9779774 .       +       2
Parent=Smp_124350.1
SM_V9_1 Liftoff CDS     9780552 9780614 .       +       1
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SM_V9_1 Liftoff CDS     9782426 9782573 .       +       1
Parent=Smp_124350.1
SM_V9_1 Liftoff mRNA    9745848 9782616 .       +       .
ID=Smp_124350.2;Parent=Smp_124350;geneID=Smp_124350;product=WD
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Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9746122 9746273 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9746311 9746514 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9749073 9749238 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9750929 9751068 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9752018 9752245 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9753928 9754020 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9756209 9756420 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9758077 9758364 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9758832 9758973 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9760905 9761105 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9763324 9763412 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9765784 9765919 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9768302 9768516 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9770777 9770972 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9772031 9772279 .       +       .
Parent=Smp_124350.2
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SM_V9_1 Liftoff exon    9774813 9774959 .       +       .
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Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9779645 9779774 .       +       .
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SM_V9_1 Liftoff exon    9780552 9780614 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff exon    9782426 9782616 .       +       .
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9745871 9746081 .       +       0
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9746122 9746273 .       +       2
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9746311 9746514 .       +       0
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9749073 9749238 .       +       0
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9750929 9751068 .       +       2
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9752018 9752245 .       +       0
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9753928 9754020 .       +       0
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SM_V9_1 Liftoff CDS     9758832 9758973 .       +       1
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9760905 9761105 .       +       0
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SM_V9_1 Liftoff CDS     9763324 9763412 .       +       0
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SM_V9_1 Liftoff CDS     9765784 9765919 .       +       1
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SM_V9_1 Liftoff CDS     9768302 9768516 .       +       0
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SM_V9_1 Liftoff CDS     9770777 9770972 .       +       1
Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9772031 9772279 .       +       0
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SM_V9_1 Liftoff CDS     9776725 9777061 .       +       0
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Parent=Smp_124350.2
SM_V9_1 Liftoff CDS     9780552 9780614 .       +       1
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SM_V9_1 Liftoff CDS     9782426 9782573 .       +       1
Parent=Smp_124350.2
SM_V9_1 Liftoff mRNA    9745848 9782616 .       +       .
ID=Smp_124350.3;Parent=Smp_124350;geneID=Smp_124350;product=WD
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Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9746122 9746273 .       +       .
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Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9749073 9749238 .       +       .
Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9750929 9751068 .       +       .
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SM_V9_1 Liftoff exon    9752018 9752245 .       +       .
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SM_V9_1 Liftoff exon    9753928 9754020 .       +       .
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SM_V9_1 Liftoff exon    9758077 9758364 .       +       .
Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9758832 9758973 .       +       .
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SM_V9_1 Liftoff exon    9760905 9761105 .       +       .
Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9763324 9763412 .       +       .
Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9765784 9765919 .       +       .
Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9768302 9768516 .       +       .
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SM_V9_1 Liftoff exon    9770777 9770972 .       +       .
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SM_V9_1 Liftoff exon    9774813 9774959 .       +       .
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SM_V9_1 Liftoff exon    9776725 9777061 .       +       .
Parent=Smp_124350.3
SM_V9_1 Liftoff exon    9780552 9782616 .       +       .
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SM_V9_1 Liftoff CDS     9749073 9749238 .       +       0
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SM_V9_1 Liftoff CDS     9753928 9754020 .       +       0
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SM_V9_1 Liftoff CDS     9770777 9770972 .       +       1
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SM_V9_1 Liftoff CDS     9772031 9772279 .       +       0
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SM_V9_1 Liftoff CDS     9776725 9777061 .       +       0
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SM_V9_1 Liftoff CDS     9780552 9780565 .       +       2
Parent=Smp_124350.3
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SM_V9_1 Liftoff exon    9797202 9797315 .       -       .
Parent=Smp_340110.1
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SM_V9_1 Liftoff exon    9806423 9806502 .       -       .
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SM_V9_1 Liftoff CDS     9797202 9797315 .       -       2
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protein;polypeptide_domain=InterPro:IPR002030,IPR018108,IPR023395
Pfam:PF00153;Ontology_term=GO:0006839,GO:0031966
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SM_V9_1 Liftoff exon    9826534 9826595 .       +       .
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SM_V9_1 Liftoff exon    9827842 9827932 .       +       .
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SM_V9_1 Liftoff exon    9829008 9829214 .       +       .
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SM_V9_1 Liftoff exon    9831408 9831498 .       +       .
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Parent=Smp_004080.1
SM_V9_1 Liftoff CDS     9825414 9825481 .       +       0
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Parent=Smp_004080.1
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Parent=Smp_004080.1
SM_V9_1 Liftoff CDS     9829008 9829214 .       +       1
Parent=Smp_004080.1
SM_V9_1 Liftoff CDS     9831408 9831498 .       +       1
Parent=Smp_004080.1
SM_V9_1 Liftoff CDS     9836701 9836791 .       +       0
Parent=Smp_004080.1
SM_V9_1 Liftoff CDS     9838254 9838405 .       +       2
Parent=Smp_004080.1
SM_V9_1 Liftoff CDS     9843456 9843638 .       +       0
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SM_V9_1 iris    exon    9854812 9855096 .       -       .
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SM_V9_1 Liftoff CDS     9920370 9920535 .       -       1
Parent=Smp_124340.1
SM_V9_1 Liftoff CDS     9924498 9924602 .       -       1
Parent=Smp_124340.1
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Parent=Smp_124340.1
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Parent=Smp_124340.1
SM_V9_1 Liftoff CDS     9930770 9931026 .       -       1
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SM_V9_1 Liftoff CDS     9931791 9931993 .       -       0
Parent=Smp_124340.1
SM_V9_1 Liftoff CDS     9932027 9932208 .       -       2
Parent=Smp_124340.1
SM_V9_1 Liftoff CDS     9932244 9932550 .       -       0
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SM_V9_1 iris    gene    9936268 9955578 .       +       .
ID=Smp_340100;geneID=Smp_340100;gene_name=Smp_340100;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    9936268 9955578 .       +       .
ID=Smp_340100.1;Parent=Smp_340100;geneID=Smp_340100;gene_name=Smp_34
0100;owner=irisadmin@local.host;orig_id=Smp_340100.1;date_last_modif
ied=2022-07-19;Name=Smp_340100.1;product=Transcriptional adapter 2-
beta;date_creation=2022-07-19
SM_V9_1 iris    exon    9936268 9936419 .       +       .
Parent=Smp_340100.1;Name=7515ffcc-7392-4595-a50a-4cdc1c7dc6f3
SM_V9_1 iris    exon    9943649 9943750 .       +       .
Parent=Smp_340100.1;Name=8d563629-022f-454b-969c-5fc6773ce67a
SM_V9_1 iris    exon    9943782 9943841 .       +       .
Parent=Smp_340100.1;Name=ae81095e-6ada-49db-a3a7-63c872fe59c5
SM_V9_1 iris    exon    9943878 9943975 .       +       .
Parent=Smp_340100.1;Name=d8b3692b-b0d1-42e3-a2f1-3db4c8f50053
SM_V9_1 iris    exon    9944013 9944256 .       +       .
Parent=Smp_340100.1;Name=785d7021-72ea-4a4c-b9d4-0fd10251e7fc
SM_V9_1 iris    exon    9944301 9944373 .       +       .
Parent=Smp_340100.1;Name=5ffa3a80-5a9e-48d9-a5f1-a817787afddd
SM_V9_1 iris    exon    9947144 9947642 .       +       .
Parent=Smp_340100.1;Name=e1929d0d-8a5f-4b8a-9dba-6e86c2c5ec2d
SM_V9_1 iris    exon    9950219 9950298 .       +       .
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Parent=Smp_340100.1;Name=e69271c9-dd19-4632-9522-300455aca55c
SM_V9_1 iris    exon    9950347 9950418 .       +       .
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Parent=Smp_340100.1;Name=23a73b01-72aa-4136-a207-f570f647861d
SM_V9_1 iris    CDS     9943649 9943750 .       +       0
Parent=Smp_340100.1
SM_V9_1 iris    CDS     9943782 9943841 .       +       0
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SM_V9_1 iris    CDS     9943878 9943975 .       +       0
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SM_V9_1 iris    CDS     9944013 9944256 .       +       1
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SM_V9_1 iris    CDS     9944301 9944373 .       +       0
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SM_V9_1 iris    CDS     9947144 9947642 .       +       2
Parent=Smp_340100.1
SM_V9_1 iris    CDS     9950219 9950298 .       +       1
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SM_V9_1 iris    CDS     9950347 9950418 .       +       2
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SM_V9_1 iris    CDS     9954983 9955176 .       +       2
Parent=Smp_340100.1
SM_V9_1 Liftoff gene    9961351 9970094 .       -       .
ID=Smp_213670;geneID=Smp_213670;previous_systematic_id=Smp_004020
SM_V9_1 Liftoff mRNA    9961351 9970094 .       -       .
ID=Smp_213670.1;Parent=Smp_213670;geneID=Smp_213670;product=UPF0160
protein MYG1, mitochondrial;polypeptide_domain=InterPro:IPR003226
Pfam:PF03690
SM_V9_1 Liftoff exon    9961351 9961597 .       -       .
Parent=Smp_213670.1
SM_V9_1 Liftoff exon    9962855 9963192 .       -       .
Parent=Smp_213670.1
SM_V9_1 Liftoff exon    9964973 9965051 .       -       .
Parent=Smp_213670.1
SM_V9_1 Liftoff exon    9965097 9965167 .       -       .
Parent=Smp_213670.1
SM_V9_1 Liftoff exon    9965266 9965431 .       -       .
Parent=Smp_213670.1
SM_V9_1 Liftoff exon    9965501 9970094 .       -       .
Parent=Smp_213670.1
SM_V9_1 Liftoff CDS     9961426 9961597 .       -       1
Parent=Smp_213670.1
SM_V9_1 Liftoff CDS     9962855 9963192 .       -       0
Parent=Smp_213670.1
SM_V9_1 Liftoff CDS     9964973 9965051 .       -       1
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SM_V9_1 Liftoff CDS     9965097 9965167 .       -       0
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SM_V9_1 Liftoff CDS     9965266 9965431 .       -       1
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SM_V9_1 Liftoff CDS     9965501 9965715 .       -       0
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SM_V9_1 iris    gene    9973299 9995901 .       -       .
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ID=Smp_213680;geneID=Smp_213680;gene_name=Smp_213680;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    9973299 9995901 .       -       .
ID=Smp_213680.1;Parent=Smp_213680;geneID=Smp_213680;gene_name=Smp_21
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ied=2022-07-19;Name=Smp_213680.1;product=Replication factor C
subunit 1;date_creation=2022-07-19
SM_V9_1 iris    exon    9973299 9973713 .       -       .
Parent=Smp_213680.1;Name=d558490f-a2cc-4555-ac1d-497cf426fbdb
SM_V9_1 iris    exon    9974496 9974708 .       -       .
Parent=Smp_213680.1;Name=2bec2435-c5ef-4f15-b996-12ad75ed7b60
SM_V9_1 iris    exon    9975088 9975212 .       -       .
Parent=Smp_213680.1;Name=e660d27b-90b8-4c95-96a4-e8379fe31e98
SM_V9_1 iris    exon    9976320 9976684 .       -       .
Parent=Smp_213680.1;Name=e2133c52-091d-4671-9c12-299ee0332f30
SM_V9_1 iris    exon    9979223 9979482 .       -       .
Parent=Smp_213680.1;Name=83cc6f20-29a4-4bd1-a4c3-41ff489607cd
SM_V9_1 iris    exon    9981363 9981524 .       -       .
Parent=Smp_213680.1;Name=4ddd1b76-36c4-4f90-b1b6-2514c1924ff3
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Parent=Smp_213680.1;Name=a39bf1d0-930b-4057-93b3-77ef303780a9
SM_V9_1 iris    exon    9984656 9984913 .       -       .
Parent=Smp_213680.1;Name=f77f5f13-ab97-4d64-97b8-97b486967d82
SM_V9_1 iris    exon    9985443 9986004 .       -       .
Parent=Smp_213680.1;Name=9cd2fa02-56ce-4fa6-832c-d7a2c259b893
SM_V9_1 iris    exon    9991075 9991254 .       -       .
Parent=Smp_213680.1;Name=db0f36a0-a471-4823-9ae5-c8d3bc6d7860
SM_V9_1 iris    exon    9992673 9992786 .       -       .
Parent=Smp_213680.1;Name=3de77466-4cc7-4716-8c67-e46dbde2a12a
SM_V9_1 iris    exon    9993813 9993986 .       -       .
Parent=Smp_213680.1;Name=dee9064b-9cbe-4341-bc58-eded6882dad1
SM_V9_1 iris    exon    9995463 9995662 .       -       .
Parent=Smp_213680.1;Name=c96f53b1-b66d-441e-99d7-bce43bfcf2d4
SM_V9_1 iris    exon    9995694 9995783 .       -       .
Parent=Smp_213680.1;Name=e924b9c1-3f11-4438-9425-25b8e65f2c49
SM_V9_1 iris    exon    9995816 9995901 .       -       .
Parent=Smp_213680.1;Name=c73eab16-70c0-4796-b01e-8b5fa0dfb9d0
SM_V9_1 iris    CDS     9973564 9973713 .       -       0
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9974496 9974708 .       -       0
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9975088 9975212 .       -       2
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9976320 9976684 .       -       1
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9979223 9979482 .       -       0
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9981363 9981524 .       -       0
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9983056 9983213 .       -       2
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9984656 9984913 .       -       2
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9985443 9986004 .       -       0
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Parent=Smp_213680.1
SM_V9_1 iris    CDS     9991075 9991254 .       -       0
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9992673 9992786 .       -       0
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9993813 9993986 .       -       0
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9995463 9995662 .       -       2
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9995694 9995783 .       -       2
Parent=Smp_213680.1
SM_V9_1 iris    CDS     9995816 9995852 .       -       0
Parent=Smp_213680.1
SM_V9_1 Liftoff gene    10009058        10030642        .       +
        .       ID=Smp_124320;geneID=Smp_124320
SM_V9_1 Liftoff mRNA    10009058        10030642        .       +
        .
ID=Smp_124320.1;Parent=Smp_124320;geneID=Smp_124320;product=39S
ribosomal protein L4,
mitochondrial;polypeptide_domain=InterPro:IPR002136,IPR023574
Pfam:PF00573;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_1 Liftoff exon    10009058        10017710        .       +
        .       Parent=Smp_124320.1
SM_V9_1 Liftoff exon    10018567        10018929        .       +
        .       Parent=Smp_124320.1
SM_V9_1 Liftoff exon    10020443        10020670        .       +
        .       Parent=Smp_124320.1
SM_V9_1 Liftoff exon    10024249        10024487        .       +
        .       Parent=Smp_124320.1
SM_V9_1 Liftoff exon    10030079        10030642        .       +
        .       Parent=Smp_124320.1
SM_V9_1 Liftoff CDS     10017675        10017710        .       +
        0       Parent=Smp_124320.1
SM_V9_1 Liftoff CDS     10018567        10018929        .       +
        0       Parent=Smp_124320.1
SM_V9_1 Liftoff CDS     10020443        10020670        .       +
        0       Parent=Smp_124320.1
SM_V9_1 Liftoff CDS     10024249        10024487        .       +
        0       Parent=Smp_124320.1
SM_V9_1 Liftoff CDS     10030079        10030580        .       +
        1       Parent=Smp_124320.1
SM_V9_1 iris    gene    10036550        10042894        .       +
        .
ID=Smp_004000;geneID=Smp_004000;gene_name=Smp_004000;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    10036550        10042894        .       +
        .
ID=Smp_004000.1;Parent=Smp_004000;geneID=Smp_004000;gene_name=Smp_00
4000;owner=irisadmin@local.host;orig_id=Smp_004000.1;date_last_modif
ied=2022-07-09;Name=Smp_004000.1;product=Probable RNA-binding
protein EIF1AD;date_creation=2022-07-09
SM_V9_1 iris    exon    10036550        10036633        .       +
        .       Parent=Smp_004000.1;Name=d5a13e9f-6d54-496d-9638-
c0599777159c
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SM_V9_1 iris    exon    10039154        10039314        .       +
        .       Parent=Smp_004000.1;Name=0614b511-5bde-4a33-a2a2-
c91eb8621282
SM_V9_1 iris    exon    10039353        10039567        .       +
        .       Parent=Smp_004000.1;Name=2d5205a3-bed6-4897-ab51-
a0cf046aac49
SM_V9_1 iris    exon    10042737        10042894        .       +
        .
Parent=Smp_004000.1;Name=8e9badb4-69a6-497e-80de-32c3ca7b626f
SM_V9_1 iris    CDS     10039219        10039314        .       +
        0       Parent=Smp_004000.1
SM_V9_1 iris    CDS     10039353        10039567        .       +
        0       Parent=Smp_004000.1
SM_V9_1 iris    CDS     10042737        10042869        .       +
        1       Parent=Smp_004000.1
SM_V9_1 iris    gene    10055161        10066459        .       -
        .
ID=Smp_003990;geneID=Smp_003990;gene_name=Smp_003990;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    10055161        10066459        .       -
        .
ID=Smp_003990.1;Parent=Smp_003990;geneID=Smp_003990;gene_name=Smp_00
3990;owner=irisadmin@local.host;orig_id=Smp_003990.1;date_last_modif
ied=2022-07-09;Name=Smp_003990.1;product=triosephosphate
isomerase;date_creation=2022-07-09
SM_V9_1 iris    exon    10055161        10055606        .       -
        .       Parent=Smp_003990.1;Name=3d4250f9-6397-416a-
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SM_V9_1 iris    exon    10058072        10058254        .       -
        .
Parent=Smp_003990.1;Name=fe1591fa-206d-417c-832b-11605b2a3e02
SM_V9_1 iris    exon    10061133        10061265        .       -
        .       Parent=Smp_003990.1;Name=97459b7a-
b07e-4275-812c-2683b44e1b6f
SM_V9_1 iris    exon    10064412        10064496        .       -
        .       Parent=Smp_003990.1;Name=492df147-e4d9-4679-bb1a-
febd179dac07
SM_V9_1 iris    exon    10066085        10066208        .       -
        .       Parent=Smp_003990.1;Name=368cbc06-ceed-40d9-
a007-718bd092436d
SM_V9_1 iris    exon    10066250        10066459        .       -
        .       Parent=Smp_003990.1;Name=46ee6961-3db1-4d7c-
bbb3-3b6db4527c9c
SM_V9_1 iris    CDS     10055485        10055606        .       -
        2       Parent=Smp_003990.1
SM_V9_1 iris    CDS     10058072        10058254        .       -
        2       Parent=Smp_003990.1
SM_V9_1 iris    CDS     10061133        10061265        .       -
        0       Parent=Smp_003990.1
SM_V9_1 iris    CDS     10064412        10064496        .       -
        1       Parent=Smp_003990.1
SM_V9_1 iris    CDS     10066085        10066208        .       -
        2       Parent=Smp_003990.1
SM_V9_1 iris    CDS     10066250        10066364        .       -
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        0       Parent=Smp_003990.1
SM_V9_1 Liftoff gene    10114543        10170741        .       +
        .       ID=Smp_003980;geneID=Smp_003980
SM_V9_1 Liftoff mRNA    10114543        10170741        .       +
        .
ID=Smp_003980.1;Parent=Smp_003980;geneID=Smp_003980;product=Calpain-
B;polypeptide_domain=InterPro:IPR000169,IPR001300,IPR002048,IPR01199
2,IPR022682,IPR022683,IPR022684,IPR033883
Pfam:PF00648,PF01067;Ontology_term=GO:0004198,GO:0005509,GO:0005622,
GO:0006508
SM_V9_1 Liftoff exon    10114543        10120160        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10122474        10122543        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10124382        10124443        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10129050        10129252        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10132478        10132730        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10145475        10145647        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10147277        10147461        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10150077        10150231        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10152165        10152382        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10156523        10156562        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10161180        10161315        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10163591        10163649        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10166240        10166308        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10167506        10167581        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10168878        10169053        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff exon    10170402        10170741        .       +
        .       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10119948        10120160        .       +
        0       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10122474        10122543        .       +
        0       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10124382        10124443        .       +
        2       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10129050        10129252        .       +
        0       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10132478        10132730        .       +
        1       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10145475        10145647        .       +
        0       Parent=Smp_003980.1
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SM_V9_1 Liftoff CDS     10147277        10147461        .       +
        1       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10150077        10150231        .       +
        2       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10152165        10152382        .       +
        0       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10156523        10156562        .       +
        1       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10161180        10161315        .       +
        0       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10163591        10163649        .       +
        2       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10166240        10166308        .       +
        0       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10167506        10167581        .       +
        0       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10168878        10169053        .       +
        2       Parent=Smp_003980.1
SM_V9_1 Liftoff CDS     10170402        10170428        .       +
        0       Parent=Smp_003980.1
SM_V9_1 iris    gene    10172826        10181779        .       -
        .
ID=Smp_003970;geneID=Smp_003970;gene_name=Smp_003970;owner=irisadmin
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SM_V9_1 iris    mRNA    10172826        10181779        .       -
        .
ID=Smp_003970.1;Parent=Smp_003970;geneID=Smp_003970;gene_name=Smp_00
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ied=2022-07-09;Name=Smp_003970.1;product=Elongation factor 1-
delta;date_creation=2022-07-09
SM_V9_1 iris    exon    10172826        10172969        .       -
        .       Parent=Smp_003970.1;Name=ea45f4f4-8a19-481b-b27c-
b2f97fea4112
SM_V9_1 iris    exon    10173192        10173385        .       -
        .       Parent=Smp_003970.1;Name=1a62fbb5-b027-45fe-9e35-
c80bcc589992
SM_V9_1 iris    exon    10174732        10174798        .       -
        .
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SM_V9_1 iris    exon    10174831        10174964        .       -
        .       Parent=Smp_003970.1;Name=a4e236a4-ada9-465c-80f9-
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SM_V9_1 iris    exon    10179004        10179055        .       -
        .       Parent=Smp_003970.1;Name=75f6dc3d-6c6a-4071-9bf4-
bf81ca0f8614
SM_V9_1 iris    exon    10181502        10181567        .       -
        .       Parent=Smp_003970.1;Name=119ffe20-1c63-47c6-
a7af-85ec3e7b2698
SM_V9_1 iris    exon    10181600        10181779        .       -
        .       Parent=Smp_003970.1;Name=f4e9c330-f2a4-4500-8832-
abfeff3a2985
SM_V9_1 iris    CDS     10172883        10172969        .       -
        0       Parent=Smp_003970.1
SM_V9_1 iris    CDS     10173192        10173385        .       -
```

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        2       Parent=Smp_003970.1
SM_V9_1 iris    CDS     10174732        10174798        .       -
        0       Parent=Smp_003970.1
SM_V9_1 iris    CDS     10174831        10174964        .       -
        2       Parent=Smp_003970.1
SM_V9_1 iris    CDS     10179004        10179055        .       -
        0       Parent=Smp_003970.1
SM_V9_1 iris    CDS     10181502        10181567        .       -
        0       Parent=Smp_003970.1
SM_V9_1 iris    CDS     10181600        10181719        .       -
        0       Parent=Smp_003970.1
SM_V9_1 Liftoff gene    10195123        10231195        .       +
        .
ID=Smp_341700;geneID=Smp_341700;previous_systematic_id=Smp_101670,Sm
p_124310
SM_V9_1 Liftoff mRNA    10195123        10231195        .       +
        .
ID=Smp_341700.1;Parent=Smp_341700;geneID=Smp_341700;product=5'-AMP-
activated protein kinase subunit
beta-2;polypeptide_domain=InterPro:IPR006828,IPR013783,IPR014756,IPR
032640 Pfam:PF04739,PF16561;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    10195123        10197987        .       +
        .       Parent=Smp_341700.1
SM_V9_1 Liftoff exon    10200382        10200884        .       +
        .       Parent=Smp_341700.1
SM_V9_1 Liftoff exon    10207280        10207373        .       +
        .       Parent=Smp_341700.1
SM_V9_1 Liftoff exon    10209084        10209218        .       +
        .       Parent=Smp_341700.1
SM_V9_1 Liftoff exon    10226370        10226540        .       +
        .       Parent=Smp_341700.1
SM_V9_1 Liftoff exon    10229760        10229858        .       +
        .       Parent=Smp_341700.1
SM_V9_1 Liftoff exon    10231001        10231195        .       +
        .       Parent=Smp_341700.1
SM_V9_1 Liftoff CDS     10197856        10197987        .       +
        0       Parent=Smp_341700.1
SM_V9_1 Liftoff CDS     10200382        10200884        .       +
        0       Parent=Smp_341700.1
SM_V9_1 Liftoff CDS     10207280        10207373        .       +
        1       Parent=Smp_341700.1
SM_V9_1 Liftoff CDS     10209084        10209218        .       +
        0       Parent=Smp_341700.1
SM_V9_1 Liftoff CDS     10226370        10226540        .       +
        0       Parent=Smp_341700.1
SM_V9_1 Liftoff CDS     10229760        10229858        .       +
        0       Parent=Smp_341700.1
SM_V9_1 Liftoff CDS     10231001        10231084        .       +
        0       Parent=Smp_341700.1
SM_V9_1 Liftoff gene    10231204        10239126        .       -
        .       ID=Smp_124300;geneID=Smp_124300
SM_V9_1 Liftoff mRNA    10231204        10239126        .       -
        .
ID=Smp_124300.1;Parent=Smp_124300;geneID=Smp_124300;product=Lamin B
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receptor (ERG24);polypeptide_domain=InterPro:IPR001171
Pfam:PF01222;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    10231204        10231653        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff exon    10231948        10232070        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff exon    10233015        10233297        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff exon    10233479        10233699        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff exon    10234122        10234337        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff exon    10234860        10235305        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff exon    10237408        10237748        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff exon    10239030        10239126        .       -
        .       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10231493        10231653        .       -
        2       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10231948        10232070        .       -
        2       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10233015        10233297        .       -
        0       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10233479        10233699        .       -
        2       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10234122        10234337        .       -
        2       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10234860        10235305        .       -
        1       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10237408        10237748        .       -
        0       Parent=Smp_124300.1
SM_V9_1 Liftoff CDS     10239030        10239059        .       -
        0       Parent=Smp_124300.1
SM_V9_1 Liftoff gene    10254134        10256909        .       -
        .       ID=Smp_124290;geneID=Smp_124290
SM_V9_1 Liftoff mRNA    10254134        10256909        .       -
        .
ID=Smp_124290.1;Parent=Smp_124290;geneID=Smp_124290;product=Ribosoma
l RNA small subunit methyltransferase J
SM_V9_1 Liftoff exon    10254134        10256909        .       -
        .       Parent=Smp_124290.1
SM_V9_1 Liftoff CDS     10254232        10254615        .       -
        0       Parent=Smp_124290.1
SM_V9_1 iris    gene    10263703        10279287        .       +
        .
ID=Smp_003940;geneID=Smp_003940;gene_name=Smp_003940;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    10263703        10279287        .       +
        .
ID=Smp_003940.1;Parent=Smp_003940;geneID=Smp_003940;gene_name=Smp_00
3940;owner=irisadmin@local.host;orig_id=Smp_003940.1;date_last_modif
ied=2022-07-19;Name=Smp_003940.1;product=Arginine-hydroxylase
NDUFAF5, mitochondrial;date_creation=2022-07-19
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SM_V9_1 iris    exon    10263703        10263780        .       +
        .
Parent=Smp_003940.1;Name=21d578ea-764a-448b-848b-9f9afbc42a29
SM_V9_1 iris    exon    10266922        10267130        .       +
        .       Parent=Smp_003940.1;Name=0e32c642-0315-42e6-82a2-
d0008ec6f43b
SM_V9_1 iris    exon    10268103        10268214        .       +
        .       Parent=Smp_003940.1;Name=1450a4d2-a234-4002-9b2b-
ddcf067c2feb
SM_V9_1 iris    exon    10269176        10269282        .       +
        .       Parent=Smp_003940.1;Name=57b3ffa7-
d58f-4c0f-80b7-6917ff8a03ec
SM_V9_1 iris    exon    10270723        10270762        .       +
        .       Parent=Smp_003940.1;Name=495253f8-d34a-4136-
a5ef-3e4a796ff1e3
SM_V9_1 iris    exon    10272928        10273125        .       +
        .       Parent=Smp_003940.1;Name=1943bec2-0d53-4aff-
a2a5-500e90724275
SM_V9_1 iris    exon    10274487        10274631        .       +
        .       Parent=Smp_003940.1;Name=54eeeab9-78cc-4378-
acfe-6b19b10508a1
SM_V9_1 iris    exon    10277602        10277702        .       +
        .       Parent=Smp_003940.1;Name=f4e8f06c-89e5-4a2c-8a7e-
aeb94616158d
SM_V9_1 iris    exon    10278693        10279287        .       +
        .       Parent=Smp_003940.1;Name=b4b314de-
cc33-470f-8a87-60a0acaeb9b9
SM_V9_1 iris    CDS     10263769        10263780        .       +
        0       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10266922        10267130        .       +
        0       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10268103        10268214        .       +
        1       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10269176        10269282        .       +
        0       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10270723        10270762        .       +
        1       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10272928        10273125        .       +
        0       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10274487        10274631        .       +
        0       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10277602        10277702        .       +
        2       Parent=Smp_003940.1
SM_V9_1 iris    CDS     10278693        10278782        .       +
        0       Parent=Smp_003940.1
SM_V9_1 Liftoff gene    10279290        10283099        .       -
        .       ID=Smp_003930;geneID=Smp_003930
SM_V9_1 Liftoff mRNA    10279290        10283099        .       -
        .
ID=Smp_003930.1;Parent=Smp_003930;geneID=Smp_003930;product=Intrafla
gellar transport protein 56;polypeptide_domain=InterPro:IPR011990
Pfam:PF04733;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    10279290        10280903        .       -
        .       Parent=Smp_003930.1
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SM_V9_1 Liftoff exon    10282001        10283099        .       -
        .       Parent=Smp_003930.1
SM_V9_1 Liftoff CDS     10280064        10280903        .       -
        0       Parent=Smp_003930.1
SM_V9_1 Liftoff CDS     10282001        10282813        .       -
        0       Parent=Smp_003930.1
SM_V9_1 iris    gene    10286093        10292151        .       +
        .
ID=Smp_124280;geneID=Smp_124280;gene_name=Smp_124280;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    10286093        10292151        .       +
        .
ID=Smp_124280.1;Parent=Smp_124280;geneID=Smp_124280;gene_name=Smp_12
4280;owner=irisadmin@local.host;orig_id=Smp_124280.1;date_last_modif
ied=2022-07-09;Name=Smp_124280.1;product=Olfactory receptor
1440;date_creation=2022-07-09
SM_V9_1 iris    exon    10286093        10286155        .       +
        .       Parent=Smp_124280.1;Name=d176293e-f18c-4416-
bcdb-5ba9ce37f203
SM_V9_1 iris    exon    10287387        10287525        .       +
        .
Parent=Smp_124280.1;Name=00724fab-9442-4582-9967-7a0c36cc9ccb
SM_V9_1 iris    exon    10289701        10290056        .       +
        .
Parent=Smp_124280.1;Name=fd44a8c3-30ff-4d05-9a2d-101c9a8bbd21
SM_V9_1 iris    exon    10291769        10292151        .       +
        .       Parent=Smp_124280.1;Name=d91dd45c-2248-4767-ab46-
c4106e0ff8ed
SM_V9_1 iris    CDS     10287424        10287525        .       +
        0       Parent=Smp_124280.1
SM_V9_1 iris    CDS     10289701        10290056        .       +
        0       Parent=Smp_124280.1
SM_V9_1 iris    CDS     10291769        10292018        .       +
        1       Parent=Smp_124280.1
SM_V9_1 iris    gene    10332773        10334159        .       -
        .
ID=Smp_320690;geneID=Smp_320690;gene_name=Smp_320690;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    10332773        10334159        .       -
        .
ID=Smp_320690.1;Parent=Smp_320690;geneID=Smp_320690;gene_name=Smp_32
0690;owner=irisadmin@local.host;orig_id=Smp_320690.1;date_last_modif
ied=2022-07-19;Name=Smp_320690.1;product=Probable ATP-dependent RNA
helicase DDX59;date_creation=2022-07-19
SM_V9_1 iris    exon    10332773        10333162        .       -
        .
Parent=Smp_320690.1;Name=6fe95eac-4ac7-437e-8beb-836e8f489a24
SM_V9_1 iris    exon    10334072        10334159        .       -
        .       Parent=Smp_320690.1;Name=53645e61-
f207-4af8-85f2-0bb3f68d6433
SM_V9_1 iris    CDS     10332940        10333125        .       -
        0       Parent=Smp_320690.1
SM_V9_1 iris    gene    10349083        10395367        .       +
        .
```

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ID=Smp_003900;geneID=Smp_003900;gene_name=Smp_003900;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    10349083        10395367        .       +
       .
ID=Smp_003900.1;Parent=Smp_003900;geneID=Smp_003900;gene_name=Smp_00
3900;owner=irisadmin@local.host;orig_id=Smp_003900.1;date_last_modif
ied=2022-07-19;Name=Smp_003900.1;product=T-box transcription factor
TBX20;date_creation=2022-07-19
SM_V9_1 iris    exon    10349083        10350656        .       +
       .       Parent=Smp_003900.1;Name=3be6f2f8-c53f-4365-a184-
eb00c7d97e57
SM_V9_1 iris    exon    10366724        10367450        .       +
       .       Parent=Smp_003900.1;Name=804fe321-
ebce-4363-8797-5c3efe677455
SM_V9_1 iris    exon    10371269        10371496        .       +
       .       Parent=Smp_003900.1;Name=b37fb74b-b625-40d6-bf07-
eb62d5176094
SM_V9_1 iris    exon    10374242        10374515        .       +
       .       Parent=Smp_003900.1;Name=03001496-bd7a-4a83-a0fd-
d7f6fe949440
SM_V9_1 iris    exon    10376877        10377098        .       +
       .       Parent=Smp_003900.1;Name=0a5da83a-fa6c-4d9e-b872-
b414905b8a4c
SM_V9_1 iris    exon    10379671        10379747        .       +
       .       Parent=Smp_003900.1;Name=99713edb-c5cb-4456-8310-
ed67e7ba36f3
SM_V9_1 iris    exon    10393120        10395367        .       +
       .       Parent=Smp_003900.1;Name=b27df18e-
d982-4ca9-8cfe-599c40ff8d01
SM_V9_1 iris    CDS     10350038        10350656        .       +
       0       Parent=Smp_003900.1
SM_V9_1 iris    CDS     10366724        10367450        .       +
       2       Parent=Smp_003900.1
SM_V9_1 iris    CDS     10371269        10371496        .       +
       1       Parent=Smp_003900.1
SM_V9_1 iris    CDS     10374242        10374515        .       +
       1       Parent=Smp_003900.1
SM_V9_1 iris    CDS     10376877        10377098        .       +
       0       Parent=Smp_003900.1
SM_V9_1 iris    CDS     10379671        10379747        .       +
       0       Parent=Smp_003900.1
SM_V9_1 iris    CDS     10393120        10394584        .       +
       1       Parent=Smp_003900.1
SM_V9_1 iris    gene    10437254        10501269        .       -
       .
ID=Smp_342020;geneID=Smp_342020;gene_name=Smp_342020;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    10437254        10501269        .       -
       .
ID=Smp_342020.1;Parent=Smp_342020;geneID=Smp_342020;gene_name=Smp_34
2020;owner=irisadmin@local.host;orig_id=Smp_342020.1;date_last_modif
ied=2022-08-01;Name=Smp_342020.1;product=High affinity cGMP-specific
3',5'-cyclic phosphodiesterase 9A;date_creation=2022-07-29
SM_V9_1 iris    exon    10437254        10439623        .       -
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        .       Parent=Smp_342020.1;Name=c3548103-
b8a7-448d-9a37-4be107989c58
SM_V9_1 iris    exon    10456442        10456621        .       -
        .
Parent=Smp_342020.1;Name=16e2d593-8dae-47c5-8636-850991465613
SM_V9_1 iris    exon    10458152        10458298        .       -
        .       Parent=Smp_342020.1;Name=b46c6758-2b77-40a5-
a848-98630da5cbe8
SM_V9_1 iris    exon    10461946        10462621        .       -
        .       Parent=Smp_342020.1;Name=6360ce22-9481-4964-
b615-76999c4fc589
SM_V9_1 iris    exon    10464450        10464613        .       -
        .       Parent=Smp_342020.1;Name=771c627d-4a6f-4292-93aa-
f4ac54404bea
SM_V9_1 iris    exon    10475133        10475255        .       -
        .       Parent=Smp_342020.1;Name=fad9f983-c5b8-4137-
bab8-4783c0fa9ac4
SM_V9_1 iris    exon    10494908        10495214        .       -
        .       Parent=Smp_342020.1;Name=7e0db1fa-c7ab-474c-
ac73-1d39c5971aff
SM_V9_1 iris    exon    10496474        10496832        .       -
        .       Parent=Smp_342020.1;Name=815a80ba-3d87-451e-b281-
b4889a505695
SM_V9_1 iris    exon    10500851        10501269        .       -
        .       Parent=Smp_342020.1;Name=c68a5462-f2df-41d0-
bfc7-40dc4abba53d
SM_V9_1 iris    CDS     10439309        10439623        .       -
        0       Parent=Smp_342020.1
SM_V9_1 iris    CDS     10456442        10456621        .       -
        0       Parent=Smp_342020.1
SM_V9_1 iris    CDS     10458152        10458298        .       -
        0       Parent=Smp_342020.1
SM_V9_1 iris    CDS     10461946        10462621        .       -
        1       Parent=Smp_342020.1
SM_V9_1 iris    CDS     10464450        10464613        .       -
        0       Parent=Smp_342020.1
SM_V9_1 iris    CDS     10475133        10475255        .       -
        0       Parent=Smp_342020.1
SM_V9_1 iris    CDS     10494908        10495214        .       -
        1       Parent=Smp_342020.1
SM_V9_1 iris    CDS     10496474        10496832        .       -
        0       Parent=Smp_342020.1
SM_V9_1 iris    gene    10509376        10533776        .       +
        .
ID=Smp_124240;geneID=Smp_124240;gene_name=Smp_124240;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    10509376        10533776        .       +
        .
ID=Smp_124240.1;Parent=Smp_124240;geneID=Smp_124240;gene_name=Smp_12
4240;owner=irisadmin@local.host;orig_id=Smp_124240.1;date_last_modif
ied=2022-07-19;Name=Smp_124240.1;product=Sodium/potassium-
transporting ATPase subunit beta-2;date_creation=2022-07-19
SM_V9_1 iris    exon    10509376        10509557        .       +
        .       Parent=Smp_124240.1;Name=f1866407-7ef2-439f-
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ac44-1aee4004a994
SM_V9_1 iris    exon    10509592        10509735        .       +
        .       Parent=Smp_124240.1;Name=669356a8-448f-40bc-
aa97-46e3c40853a4
SM_V9_1 iris    exon    10509774        10510066        .       +
        .       Parent=Smp_124240.1;Name=b450b577-0295-44b7-
bbcd-5828ee468f14
SM_V9_1 iris    exon    10523152        10523223        .       +
        .       Parent=Smp_124240.1;Name=1303ad6c-d6be-4134-9d95-
e08b6bd18af7
SM_V9_1 iris    exon    10528627        10528697        .       +
        .       Parent=Smp_124240.1;Name=2fc2569a-48cf-4689-b2de-
efb92ef9d721
SM_V9_1 iris    exon    10532775        10533776        .       +
        .       Parent=Smp_124240.1;Name=388470ab-3f01-4401-
a040-597b032a3481
SM_V9_1 iris    CDS     10509434        10509557        .       +
        0       Parent=Smp_124240.1
SM_V9_1 iris    CDS     10509592        10509735        .       +
        2       Parent=Smp_124240.1
SM_V9_1 iris    CDS     10509774        10510066        .       +
        2       Parent=Smp_124240.1
SM_V9_1 iris    CDS     10523152        10523223        .       +
        0       Parent=Smp_124240.1
SM_V9_1 iris    CDS     10528627        10528697        .       +
        0       Parent=Smp_124240.1
SM_V9_1 iris    CDS     10532775        10532940        .       +
        1       Parent=Smp_124240.1
SM_V9_1 Liftoff gene    10537909        10543642        .       -
        .       ID=Smp_003860;geneID=Smp_003860
SM_V9_1 Liftoff mRNA    10537909        10543642        .       -
        .
ID=Smp_003860.1;Parent=Smp_003860;geneID=Smp_003860;product=Probable
lysosomal cobalamin transporter
SM_V9_1 Liftoff exon    10537909        10538127        .       -
        .       Parent=Smp_003860.1
SM_V9_1 Liftoff exon    10541440        10541840        .       -
        .       Parent=Smp_003860.1
SM_V9_1 Liftoff exon    10542391        10543642        .       -
        .       Parent=Smp_003860.1
SM_V9_1 Liftoff CDS     10538082        10538127        .       -
        1       Parent=Smp_003860.1
SM_V9_1 Liftoff CDS     10541440        10541840        .       -
        0       Parent=Smp_003860.1
SM_V9_1 Liftoff CDS     10542391        10542570        .       -
        0       Parent=Smp_003860.1
SM_V9_1 Liftoff gene    10550326        10559419        .       +
        .       ID=Smp_124230;geneID=Smp_124230
SM_V9_1 Liftoff mRNA    10550326        10559419        .       +
        .
ID=Smp_124230.1;Parent=Smp_124230;geneID=Smp_124230;product=DNA
repair protein RAD51 homolog
1;polypeptide_domain=InterPro:IPR003593,IPR010995,IPR011940,IPR01194
1,IPR013632,IPR016467,IPR020587,IPR020588,IPR027417,IPR033925
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Pfam:PF08423,PF14520;Ontology_term=GO:0000150,GO:0000166,GO:0000724,
GO:0003677,GO:0003690,GO:0003697,GO:0005524,GO:0005634,GO:0006259,GO
:0006281,GO:0007131,GO:0008094,GO:1990426
SM_V9_1 Liftoff exon    10550326        10550679        .       +
        .       Parent=Smp_124230.1
SM_V9_1 Liftoff exon    10551651        10551788        .       +
        .       Parent=Smp_124230.1
SM_V9_1 Liftoff exon    10551822        10551939        .       +
        .       Parent=Smp_124230.1
SM_V9_1 Liftoff exon    10551974        10552065        .       +
        .       Parent=Smp_124230.1
SM_V9_1 Liftoff exon    10554512        10554720        .       +
        .       Parent=Smp_124230.1
SM_V9_1 Liftoff exon    10557194        10557445        .       +
        .       Parent=Smp_124230.1
SM_V9_1 Liftoff exon    10559047        10559419        .       +
        .       Parent=Smp_124230.1
SM_V9_1 Liftoff CDS     10550596        10550679        .       +
        0       Parent=Smp_124230.1
SM_V9_1 Liftoff CDS     10551651        10551788        .       +
        0       Parent=Smp_124230.1
SM_V9_1 Liftoff CDS     10551822        10551939        .       +
        0       Parent=Smp_124230.1
SM_V9_1 Liftoff CDS     10551974        10552065        .       +
        2       Parent=Smp_124230.1
SM_V9_1 Liftoff CDS     10554512        10554720        .       +
        0       Parent=Smp_124230.1
SM_V9_1 Liftoff CDS     10557194        10557445        .       +
        1       Parent=Smp_124230.1
SM_V9_1 Liftoff CDS     10559047        10559170        .       +
        1       Parent=Smp_124230.1
SM_V9_1 Liftoff gene    10567518        10605070        .       +
        .       ID=Smp_213690;geneID=Smp_213690
SM_V9_1 Liftoff mRNA    10567518        10605070        .       +
        .
ID=Smp_213690.1;Parent=Smp_213690;geneID=Smp_213690;product=Nuclear
pore complex protein Nup214
SM_V9_1 Liftoff exon    10567518        10567708        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10568284        10568507        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10569339        10569561        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10571223        10571381        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10572303        10572430        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10573628        10573879        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10574235        10574634        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10580300        10580685        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10582673        10583013        .       +
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        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10584339        10584799        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10587892        10587948        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10588708        10589055        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10589536        10589847        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10593099        10593494        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10593615        10593950        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10594037        10594606        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10595600        10595785        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10597385        10597421        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10598363        10598469        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10599490        10599943        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10601382        10601467        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff exon    10604815        10605070        .       +
        .       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10567588        10567708        .       +
        0       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10568284        10568507        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10569339        10569561        .       +
        0       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10571223        10571381        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10572303        10572430        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10573628        10573879        .       +
        0       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10574235        10574634        .       +
        0       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10580300        10580685        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10582673        10583013        .       +
        0       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10584339        10584799        .       +
        1       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10587892        10587948        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10588708        10589055        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10589536        10589847        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10593099        10593494        .       +
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        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10593615        10593950        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10594037        10594606        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10595600        10595785        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10597385        10597421        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10598363        10598469        .       +
        1       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10599490        10599943        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10601382        10601467        .       +
        1       Parent=Smp_213690.1
SM_V9_1 Liftoff CDS     10604815        10604849        .       +
        2       Parent=Smp_213690.1
SM_V9_1 Liftoff gene    10605491        10608963        .       +
        .
ID=Smp_213700;geneID=Smp_213700;previous_systematic_id=Smp_124220
SM_V9_1 Liftoff mRNA    10605491        10608963        .       +
        .
ID=Smp_213700.1;Parent=Smp_213700;geneID=Smp_213700;product=Alpha N-
terminal protein methyltransferase
1;polypeptide_domain=InterPro:IPR008576,IPR029063
Pfam:PF05891;Ontology_term=GO:0006480,GO:0008168
SM_V9_1 Liftoff exon    10605491        10606538        .       +
        .       Parent=Smp_213700.1
SM_V9_1 Liftoff exon    10607601        10608963        .       +
        .       Parent=Smp_213700.1
SM_V9_1 Liftoff CDS     10606185        10606538        .       +
        0       Parent=Smp_213700.1
SM_V9_1 Liftoff CDS     10607601        10608014        .       +
        0       Parent=Smp_213700.1
SM_V9_1 iris    gene    10694356        10770735        .       +
        .
ID=Smp_124210;geneID=Smp_124210;gene_name=Smp_124210;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    10694356        10770735        .       +
        .
ID=Smp_124210.1;Parent=Smp_124210;geneID=Smp_124210;gene_name=Smp_12
4210;owner=irisadmin@local.host;orig_id=Smp_124210.1;date_last_modif
ied=2022-07-09;Name=Smp_124210.1;product=Ephrin type-A receptor 4-
A;date_creation=2022-07-09
SM_V9_1 iris    exon    10694356        10694587        .       +
        .       Parent=Smp_124210.1;Name=6718cd7a-7ce1-43d1-
a03d-99d762b2b535
SM_V9_1 iris    exon    10708951        10709018        .       +
        .       Parent=Smp_124210.1;Name=2868aea4-
d8ce-42df-821e-61baf353cd80
SM_V9_1 iris    exon    10711140        10711526        .       +
        .       Parent=Smp_124210.1;Name=0f53afd9-a8c2-495e-b809-
cc4741756305
SM_V9_1 iris    exon    10715375        10715575        .       +
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        .       Parent=Smp_124210.1;Name=eaae2b2f-ab54-46a7-
a865-89adeedf6cde
SM_V9_1 iris    exon    10720809        10721091        .       +
        .       Parent=Smp_124210.1;Name=9d76c99b-b57e-43a4-9184-
c83ef98e357a
SM_V9_1 iris    exon    10721909        10722067        .       +
        .       Parent=Smp_124210.1;Name=ac29eda8-9b8e-48bf-ab54-
c5f246eae42b
SM_V9_1 iris    exon    10725504        10725684        .       +
        .
Parent=Smp_124210.1;Name=d97fe509-36e0-491e-8e88-0eb79c4e6a8f
SM_V9_1 iris    exon    10735518        10735645        .       +
        .       Parent=Smp_124210.1;Name=402ce56c-
b286-4cd8-8856-396ab7f4aaeb
SM_V9_1 iris    exon    10738405        10738949        .       +
        .       Parent=Smp_124210.1;Name=bc1a1b88-0694-4bf6-
af43-8c5d5d80a585
SM_V9_1 iris    exon    10742549        10742615        .       +
        .       Parent=Smp_124210.1;Name=5498ae03-d6f5-472a-9911-
e30b5d152d4a
SM_V9_1 iris    exon    10746735        10747077        .       +
        .       Parent=Smp_124210.1;Name=f2bc8e27-f6aa-4d7b-
b6a1-27d82ee05c2d
SM_V9_1 iris    exon    10750518        10750582        .       +
        .
Parent=Smp_124210.1;Name=11fab12a-4b3a-43e8-8b2d-739ab4994931
SM_V9_1 iris    exon    10755284        10755412        .       +
        .       Parent=Smp_124210.1;Name=9160d37d-
af5b-45b5-8f45-1164c8a710a4
SM_V9_1 iris    exon    10758363        10759027        .       +
        .       Parent=Smp_124210.1;Name=3741af54-
ca2b-479e-9dba-5da372c6eca6
SM_V9_1 iris    exon    10761554        10761691        .       +
        .       Parent=Smp_124210.1;Name=257982d5-df5a-498c-a843-
fe92e7bb689a
SM_V9_1 iris    exon    10763848        10763991        .       +
        .       Parent=Smp_124210.1;Name=7cad10c2-08e0-4a67-9217-
b720f370c81e
SM_V9_1 iris    exon    10766805        10767879        .       +
        .
Parent=Smp_124210.1;Name=3cfd506b-4426-4e30-976c-541a2437dffc
SM_V9_1 iris    exon    10770357        10770735        .       +
        .
Parent=Smp_124210.1;Name=feb5024f-645e-4a5d-8df8-3518ee77657a
SM_V9_1 iris    CDS     10694497        10694587        .       +
        0       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10708951        10709018        .       +
        2       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10711140        10711526        .       +
        0       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10715375        10715575        .       +
        0       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10720809        10721091        .       +
        0       Parent=Smp_124210.1
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SM_V9_1 iris    CDS     10721909        10722067        .       +
        2       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10725504        10725684        .       +
        2       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10735518        10735645        .       +
        1       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10738405        10738949        .       +
        2       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10742549        10742615        .       +
        0       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10746735        10747077        .       +
        2       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10750518        10750582        .       +
        1       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10755284        10755412        .       +
        2       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10758363        10759027        .       +
        2       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10761554        10761691        .       +
        0       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10763848        10763991        .       +
        0       Parent=Smp_124210.1
SM_V9_1 iris    CDS     10766805        10767551        .       +
        0       Parent=Smp_124210.1
SM_V9_1 Liftoff gene    10821535        10826157        .       -
        .       ID=Smp_245630;geneID=Smp_245630
SM_V9_1 Liftoff mRNA    10821535        10826157        .       -
        .
ID=Smp_245630.1;Parent=Smp_245630;geneID=Smp_245630;product=30S
ribosomal protein S13
SM_V9_1 Liftoff exon    10821535        10826157        .       -
        .       Parent=Smp_245630.1
SM_V9_1 Liftoff CDS     10821708        10822571        .       -
        0       Parent=Smp_245630.1
SM_V9_1 iris    gene    10832666        10977425        .       +
        .
ID=Smp_332790;geneID=Smp_332790;gene_name=Smp_332790;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    10832666        10977425        .       +
        .
ID=Smp_332790.1;Parent=Smp_332790;geneID=Smp_332790;gene_name=Smp_33
2790;owner=irisadmin@local.host;orig_id=Smp_332790.1;date_last_modif
ied=2022-07-09;Name=Smp_332790.1;product=Protein bark
beetle;date_creation=2022-07-09
SM_V9_1 iris    exon    10832666        10832766        .       +
        .       Parent=Smp_332790.1;Name=497f92e4-
f458-4dda-850a-8314cb1fde64
SM_V9_1 iris    exon    10834924        10835198        .       +
        .       Parent=Smp_332790.1;Name=330320a7-3325-433c-920d-
a554d424c8db
SM_V9_1 iris    exon    10840481        10840697        .       +
        .
Parent=Smp_332790.1;Name=b777acaf-42c3-49cc-9140-507de73baa40
SM_V9_1 iris    exon    10841216        10841418        .       +
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        .       Parent=Smp_332790.1;Name=61496b9e-5b8b-4440-
ac05-5cb11f65711d
SM_V9_1 iris    exon    10846082        10846276        .       +
        .
Parent=Smp_332790.1;Name=0f7179f5-2814-42d4-95b5-609398cb1d91
SM_V9_1 iris    exon    10847800        10847945        .       +
        .       Parent=Smp_332790.1;Name=13019d8e-fb96-4b23-
a180-906f7fd305a0
SM_V9_1 iris    exon    10849909        10850184        .       +
        .       Parent=Smp_332790.1;Name=4caad6bc-2397-485d-b645-
dcab360f2355
SM_V9_1 iris    exon    10851284        10851638        .       +
        .       Parent=Smp_332790.1;Name=a514e7bb-4694-4615-
b825-8a811302e1c8
SM_V9_1 iris    exon    10854519        10854699        .       +
        .       Parent=Smp_332790.1;Name=b46cfcd6-
e794-4844-959c-4a9cc4782162
SM_V9_1 iris    exon    10858754        10858944        .       +
        .       Parent=Smp_332790.1;Name=d22d1c30-94b3-4b9f-
ae31-8877d60fd2b5
SM_V9_1 iris    exon    10860215        10860345        .       +
        .       Parent=Smp_332790.1;Name=36d892d4-3867-45d9-
a64c-96b9778f0df6
SM_V9_1 iris    exon    10863544        10863866        .       +
        .       Parent=Smp_332790.1;Name=e5aa6d07-e7f5-469e-
a139-168d0ab2e37d
SM_V9_1 iris    exon    10866725        10866844        .       +
        .       Parent=Smp_332790.1;Name=034565b5-e166-432f-97db-
fdb45cadd072
SM_V9_1 iris    exon    10867900        10868043        .       +
        .       Parent=Smp_332790.1;Name=37dfc2f2-
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SM_V9_1 iris    exon    10869701        10870010        .       +
        .       Parent=Smp_332790.1;Name=8e6c5be6-2555-41ca-9396-
a784cb354700
SM_V9_1 iris    exon    10870272        10870601        .       +
        .       Parent=Smp_332790.1;Name=d0e40cb8-d4ff-4683-
ae05-44342959b154
SM_V9_1 iris    exon    10873123        10873497        .       +
        .       Parent=Smp_332790.1;Name=955d4398-83e6-4fed-b103-
ff8eb0a5edec
SM_V9_1 iris    exon    10876687        10877079        .       +
        .       Parent=Smp_332790.1;Name=7de1e8ff-608b-4ce6-
a47a-1abcd7221619
SM_V9_1 iris    exon    10879898        10880553        .       +
        .       Parent=Smp_332790.1;Name=7ebdfc89-78ff-4497-b087-
e22795776fb6
SM_V9_1 iris    exon    10883986        10884820        .       +
        .       Parent=Smp_332790.1;Name=31f11f61-c2ca-46a6-9507-
fe74b87c5643
SM_V9_1 iris    exon    10886462        10886659        .       +
        .       Parent=Smp_332790.1;Name=33bad16b-c53e-4fa9-
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SM_V9_1 iris    exon    10890035        10890163        .       +
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Parent=Smp_332790.1;Name=85868b99-490f-4676-8eda-73a29370fbbb
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        .       Parent=Smp_332790.1;Name=5283839d-46d4-4a2d-
ac5f-1c7ec5d299db
SM_V9_1 iris    exon    10893131        10893220        .       +
        .       Parent=Smp_332790.1;Name=1bd3fff4-740d-490f-85ee-
dfb1320a68aa
SM_V9_1 iris    exon    10894968        10895158        .       +
        .       Parent=Smp_332790.1;Name=1457c7e0-5f01-4f35-
addf-048d807666bf
SM_V9_1 iris    exon    10896889        10897164        .       +
        .       Parent=Smp_332790.1;Name=a4e10b6a-12b2-4e9d-
a555-0d93d09989d6
SM_V9_1 iris    exon    10899675        10899852        .       +
        .       Parent=Smp_332790.1;Name=c0d79b9e-2469-4c75-
aeb1-5217306072f0
SM_V9_1 iris    exon    10901083        10901433        .       +
        .       Parent=Smp_332790.1;Name=56d4ec60-f9d2-460f-
a4c9-1c6fe2236481
SM_V9_1 iris    exon    10903264        10903510        .       +
        .
Parent=Smp_332790.1;Name=3b0ccabd-24ac-4597-9544-2b68e2afb0a6
SM_V9_1 iris    exon    10906044        10906388        .       +
        .       Parent=Smp_332790.1;Name=25c0462c-8e82-4914-bd9e-
dcea4c64cfd0
SM_V9_1 iris    exon    10907554        10907893        .       +
        .       Parent=Smp_332790.1;Name=be73fa06-2002-49e0-952a-
ff3e50cc4b56
SM_V9_1 iris    exon    10911834        10912309        .       +
        .       Parent=Smp_332790.1;Name=81c03920-09ac-4b8e-a211-
a0abd7d601c3
SM_V9_1 iris    exon    10917674        10917874        .       +
        .       Parent=Smp_332790.1;Name=04c3a1de-ab7d-4104-99a7-
ae1e14aa5d0d
SM_V9_1 iris    exon    10963872        10964152        .       +
        .       Parent=Smp_332790.1;Name=e5f17208-9428-4fef-
a636-3e816201b2a8
SM_V9_1 iris    exon    10972915        10972987        .       +
        .       Parent=Smp_332790.1;Name=c4c88f6a-a811-49a5-
b92e-33d6f93cad77
SM_V9_1 iris    exon    10972990        10973141        .       +
        .       Parent=Smp_332790.1;Name=da2d63f5-
afc5-408c-8ad3-61a93acdc3fd
SM_V9_1 iris    exon    10977101        10977425        .       +
        .       Parent=Smp_332790.1;Name=249a24c8-
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SM_V9_1 iris    CDS     10840481        10840697        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10841216        10841418        .       +
        1       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10846082        10846276        .       +
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        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10847800        10847945        .       +
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SM_V9_1 iris    CDS     10849909        10850184        .       +
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SM_V9_1 iris    CDS     10851284        10851638        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10854519        10854699        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10858754        10858944        .       +
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SM_V9_1 iris    CDS     10860215        10860345        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10863544        10863866        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10866725        10866844        .       +
        1       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10867900        10868043        .       +
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SM_V9_1 iris    CDS     10869701        10870010        .       +
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SM_V9_1 iris    CDS     10870272        10870601        .       +
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SM_V9_1 iris    CDS     10873123        10873497        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10876687        10877079        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10879898        10880553        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10883986        10884820        .       +
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SM_V9_1 iris    CDS     10886462        10886659        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10890035        10890163        .       +
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SM_V9_1 iris    CDS     10890960        10891295        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10893131        10893220        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10894968        10895158        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10896889        10897164        .       +
        1       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10899675        10899852        .       +
        1       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10901083        10901433        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10903264        10903510        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10906044        10906388        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10907554        10907893        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10911834        10912309        .       +
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SM_V9_1 iris    CDS     10917674        10917874        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10963872        10964152        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10972915        10972987        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10972990        10973141        .       +
        2       Parent=Smp_332790.1
SM_V9_1 iris    CDS     10977101        10977301        .       +
        0       Parent=Smp_332790.1
SM_V9_1 iris    gene    10962811        10963750        .       +
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@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    10962811        10963750        .       +
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SM_V9_1 iris    exon    10962811        10963372        .       +
        .
Parent=Smp_003770.1;Name=b5f0f136-30da-474c-9c5d-195ee52c86e1
SM_V9_1 iris    exon    10963494        10963750        .       +
        .
Parent=Smp_003770.1;Name=78fbfb3e-382e-40d1-89c5-40cfef72375f
SM_V9_1 iris    CDS     10962851        10963372        .       +
        0       Parent=Smp_003770.1
SM_V9_1 iris    CDS     10963494        10963553        .       +
        0       Parent=Smp_003770.1
SM_V9_1 Liftoff gene    10988229        11129798        .       +
        .
ID=Smp_332800;geneID=Smp_332800;previous_systematic_id=Smp_124170,Sm
p_124180
SM_V9_1 Liftoff mRNA    10988229        11129798        .       +
        .
ID=Smp_332800.1;Parent=Smp_332800;geneID=Smp_332800;product=Dynein
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MAL7P1.162;polypeptide_domain=InterPro:IPR027417
SM_V9_1 Liftoff exon    10988229        10988384        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10988439        10988517        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10988561        10988815        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10988849        10988926        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10988966        10989226        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10991291        10991457        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10992255        10992365        .       +
        .       Parent=Smp_332800.1
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SM_V9_1 Liftoff exon    10995069        10995116        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10996999        10997166        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    10998342        10998643        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11001038        11001403        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11005629        11005779        .       +
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SM_V9_1 Liftoff exon    11007962        11008139        .       +
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SM_V9_1 Liftoff exon    11010858        11011100        .       +
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SM_V9_1 Liftoff exon    11013703        11013891        .       +
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SM_V9_1 Liftoff exon    11017653        11018012        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11020161        11020319        .       +
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SM_V9_1 Liftoff exon    11023046        11023354        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11026427        11026726        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11028349        11028612        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11030436        11030737        .       +
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SM_V9_1 Liftoff exon    11035716        11035929        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11039632        11039820        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11043573        11043627        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11045370        11045518        .       +
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SM_V9_1 Liftoff exon    11046623        11047246        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11048683        11048749        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11048987        11049367        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11051771        11051945        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11054525        11054769        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11056769        11056937        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11059756        11060128        .       +
        .       Parent=Smp_332800.1
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SM_V9_1 Liftoff exon    11063480        11063813        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11066297        11066640        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11069379        11069604        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11071551        11072784        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11075031        11075428        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11078279        11078976        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11081137        11081282        .       +
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SM_V9_1 Liftoff exon    11084166        11084316        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11086599        11086844        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11088164        11088307        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11091919        11092316        .       +
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SM_V9_1 Liftoff exon    11095371        11095450        .       +
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SM_V9_1 Liftoff exon    11096585        11096752        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11099247        11099437        .       +
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SM_V9_1 Liftoff exon    11101841        11102308        .       +
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SM_V9_1 Liftoff exon    11103710        11103970        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11106367        11106468        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11108293        11108394        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11114995        11115199        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11116881        11117069        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11118360        11118623        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11120797        11120879        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11122556        11122686        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11123688        11123780        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11126570        11126978        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff exon    11129426        11129798        .       +
        .       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     10988275        10988384        .       +
        0       Parent=Smp_332800.1
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SM_V9_1 Liftoff CDS     10988439        10988517        .       +
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SM_V9_1 Liftoff CDS     10988561        10988815        .       +
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SM_V9_1 Liftoff CDS     10988849        10988926        .       +
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SM_V9_1 Liftoff CDS     10988966        10989226        .       +
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SM_V9_1 Liftoff CDS     10991291        10991457        .       +
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SM_V9_1 Liftoff CDS     10992255        10992365        .       +
        1       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     10995069        10995116        .       +
        1       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     10996999        10997166        .       +
        1       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     10998342        10998643        .       +
        1       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11001038        11001403        .       +
        2       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11005629        11005779        .       +
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SM_V9_1 Liftoff CDS     11007962        11008139        .       +
        1       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11010858        11011100        .       +
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SM_V9_1 Liftoff CDS     11012971        11013093        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11013703        11013891        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11016144        11016245        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11017653        11018012        .       +
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SM_V9_1 Liftoff CDS     11020161        11020319        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11023046        11023354        .       +
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SM_V9_1 Liftoff CDS     11026427        11026726        .       +
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SM_V9_1 Liftoff CDS     11028349        11028612        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11030436        11030737        .       +
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SM_V9_1 Liftoff CDS     11035716        11035929        .       +
        1       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11039632        11039820        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11043573        11043627        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11045370        11045518        .       +
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SM_V9_1 Liftoff CDS     11046623        11047246        .       +
        0       Parent=Smp_332800.1
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SM_V9_1 Liftoff CDS     11048683        11048749        .       +
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SM_V9_1 Liftoff CDS     11048987        11049367        .       +
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SM_V9_1 Liftoff CDS     11051771        11051945        .       +
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SM_V9_1 Liftoff CDS     11054525        11054769        .       +
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SM_V9_1 Liftoff CDS     11056769        11056937        .       +
        2       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11059756        11060128        .       +
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SM_V9_1 Liftoff CDS     11066297        11066640        .       +
        2       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11069379        11069604        .       +
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SM_V9_1 Liftoff CDS     11071551        11072784        .       +
        2       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11075031        11075428        .       +
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SM_V9_1 Liftoff CDS     11078279        11078976        .       +
        2       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11081137        11081282        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11084166        11084316        .       +
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SM_V9_1 Liftoff CDS     11096585        11096752        .       +
        2       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11099247        11099437        .       +
        2       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11101841        11102308        .       +
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SM_V9_1 Liftoff CDS     11103710        11103970        .       +
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SM_V9_1 Liftoff CDS     11106367        11106468        .       +
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SM_V9_1 Liftoff CDS     11108293        11108394        .       +
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SM_V9_1 Liftoff CDS     11114995        11115199        .       +
        0       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11116881        11117069        .       +
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SM_V9_1 Liftoff CDS     11118360        11118623        .       +
        2       Parent=Smp_332800.1
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SM_V9_1 Liftoff CDS     11120797        11120879        .       +
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SM_V9_1 Liftoff CDS     11122556        11122686        .       +
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SM_V9_1 Liftoff CDS     11123688        11123780        .       +
        1       Parent=Smp_332800.1
SM_V9_1 Liftoff CDS     11126570        11126978        .       +
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SM_V9_1 Liftoff CDS     11129426        11129749        .       +
        0       Parent=Smp_332800.1
SM_V9_1 iris    gene    11124728        11147505        .       -
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SM_V9_1 iris    mRNA    11124728        11147505        .       -
        .
ID=Smp_124160.1;Parent=Smp_124160;geneID=Smp_124160;gene_name=Smp_12
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protein alkB homolog 8;date_creation=2022-07-09
SM_V9_1 iris    exon    11124728        11125361        .       -
        .       Parent=Smp_124160.1;Name=9ef7452c-ca56-48bc-afca-
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SM_V9_1 iris    exon    11131594        11131765        .       -
        .
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SM_V9_1 iris    exon    11142870        11143039        .       -
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SM_V9_1 iris    exon    11144816        11145095        .       -
        .
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SM_V9_1 iris    CDS     11131759        11131765        .       -
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SM_V9_1 iris    CDS     11138899        11139122        .       -
        0       Parent=Smp_124160.1
SM_V9_1 iris    CDS     11142870        11143039        .       -
        2       Parent=Smp_124160.1
SM_V9_1 iris    CDS     11144816        11145095        .       -
        0       Parent=Smp_124160.1
SM_V9_1 iris    CDS     11147166        11147258        .       -
        0       Parent=Smp_124160.1
SM_V9_1 Liftoff gene    11166019        11168553        .       +
        .       ID=Smp_003700;geneID=Smp_003700
SM_V9_1 Liftoff mRNA    11166019        11168553        .       +
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        .       Parent=Smp_003700.1
SM_V9_1 Liftoff exon    11166815        11166846        .       +
        .       Parent=Smp_003700.1
SM_V9_1 Liftoff exon    11166886        11167002        .       +
        .       Parent=Smp_003700.1
SM_V9_1 Liftoff exon    11167039        11167162        .       +
        .       Parent=Smp_003700.1
SM_V9_1 Liftoff exon    11168370        11168553        .       +
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SM_V9_1 Liftoff CDS     11166682        11166769        .       +
        0       Parent=Smp_003700.1
SM_V9_1 Liftoff CDS     11166815        11166846        .       +
        2       Parent=Smp_003700.1
SM_V9_1 Liftoff CDS     11166886        11167002        .       +
        0       Parent=Smp_003700.1
SM_V9_1 Liftoff CDS     11167039        11167162        .       +
        0       Parent=Smp_003700.1
SM_V9_1 Liftoff CDS     11168370        11168515        .       +
        2       Parent=Smp_003700.1
SM_V9_1 Liftoff gene    11185658        11219330        .       +
        .       ID=Smp_124130;geneID=Smp_124130
SM_V9_1 Liftoff mRNA    11185658        11219330        .       +
        .
ID=Smp_124130.1;Parent=Smp_124130;geneID=Smp_124130;product=Cyclin-
dependent kinase-like
1;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    11185658        11191179        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11195270        11195391        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11203660        11203732        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11205352        11205442        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11210999        11211199        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11212419        11212501        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11215334        11215402        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11216602        11217036        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff exon    11218763        11219330        .       +
        .       Parent=Smp_124130.1
SM_V9_1 Liftoff CDS     11191012        11191179        .       +
        0       Parent=Smp_124130.1
SM_V9_1 Liftoff CDS     11195270        11195391        .       +
        0       Parent=Smp_124130.1
SM_V9_1 Liftoff CDS     11203660        11203732        .       +
        1       Parent=Smp_124130.1
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SM_V9_1 Liftoff CDS     11205352        11205442        .       +
        0       Parent=Smp_124130.1
SM_V9_1 Liftoff CDS     11210999        11211199        .       +
        2       Parent=Smp_124130.1
SM_V9_1 Liftoff CDS     11212419        11212501        .       +
        2       Parent=Smp_124130.1
SM_V9_1 Liftoff CDS     11215334        11215402        .       +
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SM_V9_1 Liftoff CDS     11216602        11217036        .       +
        0       Parent=Smp_124130.1
SM_V9_1 Liftoff CDS     11218763        11219095        .       +
        0       Parent=Smp_124130.1
SM_V9_1 iris    gene    11223596        11232894        .       -
        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    11223596        11232894        .       -
        .
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3670;owner=irisadmin@local.host;orig_id=Smp_003670.1;date_last_modif
ied=2022-08-01;Name=Smp_003670.1;product=Ribosomal RNA small subunit
methyltransferase G;date_creation=2022-07-29
SM_V9_1 iris    exon    11223596        11224199        .       -
        .       Parent=Smp_003670.1;Name=f626b06b-e002-4e08-
b89c-9f4c6f79286d
SM_V9_1 iris    exon    11225314        11225392        .       -
        .       Parent=Smp_003670.1;Name=ba3725f3-f03a-40ce-
b147-495ce0cbce1f
SM_V9_1 iris    exon    11226864        11227169        .       -
        .       Parent=Smp_003670.1;Name=63708d14-
f6bc-416d-9b37-380a25fbf209
SM_V9_1 iris    exon    11229299        11229672        .       -
        .       Parent=Smp_003670.1;Name=25356451-b809-474f-868e-
d90a69facf5f
SM_V9_1 iris    exon    11232774        11232894        .       -
        .
Parent=Smp_003670.1;Name=64ae206d-1657-4b08-8d55-68cd4363e179
SM_V9_1 iris    CDS     11223802        11224199        .       -
        2       Parent=Smp_003670.1
SM_V9_1 iris    CDS     11225314        11225392        .       -
        0       Parent=Smp_003670.1
SM_V9_1 iris    CDS     11226864        11227169        .       -
        0       Parent=Smp_003670.1
SM_V9_1 iris    mRNA    11223596        11232894        .       -
        .
ID=Smp_003670.2;Parent=Smp_003670;geneID=Smp_003670;gene_name=Smp_00
3670;owner=irisadmin@local.host;date_last_modified=2022-08-01;Name=S
mp_003670.2;date_creation=2022-07-29
SM_V9_1 iris    exon    11223596        11224199        .       -
        .       Parent=Smp_003670.2;Name=9a6a89d6-
c48c-4611-8f8b-89aeb99428b4
SM_V9_1 iris    exon    11224296        11224412        .       -
        .       Parent=Smp_003670.2;Name=331c4c14-4f9c-49bc-9069-
b04fdea588fa
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SM_V9_1 iris    exon    11225314        11225392        .       -
        .       Parent=Smp_003670.2;Name=3ad475af-6f90-4223-
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SM_V9_1 iris    exon    11226864        11227169        .       -
        .       Parent=Smp_003670.2;Name=c9603736-289b-45b0-904e-
ffacbb2f61bb
SM_V9_1 iris    exon    11229299        11229672        .       -
        .       Parent=Smp_003670.2;Name=3ff5f41a-b6e0-4f7f-
b638-9536b7c34a8d
SM_V9_1 iris    exon    11232774        11232894        .       -
        .       Parent=Smp_003670.2;Name=b64e9f25-037e-4671-
b88d-8574ad7f7586
SM_V9_1 iris    CDS     11224390        11224412        .       -
        2       Parent=Smp_003670.2
SM_V9_1 iris    CDS     11225314        11225392        .       -
        0       Parent=Smp_003670.2
SM_V9_1 iris    CDS     11226864        11227169        .       -
        0       Parent=Smp_003670.2
SM_V9_1 iris    gene    11246573        11248674        .       -
        .
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@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    11246573        11248674        .       -
        .
ID=Smp_003660.1;Parent=Smp_003660;geneID=Smp_003660;gene_name=Smp_00
3660;owner=irisadmin@local.host;orig_id=Smp_003660.1;date_last_modif
ied=2022-07-09;Name=Smp_003660.1;product=Spliceosome RNA helicase
Ddx39b;date_creation=2022-07-09
SM_V9_1 iris    exon    11246573        11246872        .       -
        .
Parent=Smp_003660.1;Name=6fa50d21-1142-4e99-9537-8f4a4f7bdc07
SM_V9_1 iris    exon    11246912        11247166        .       -
        .       Parent=Smp_003660.1;Name=61214a2b-
cf72-4eb1-9ab0-36c400cccb7d
SM_V9_1 iris    exon    11247284        11247415        .       -
        .
Parent=Smp_003660.1;Name=c0f3be6c-4ddb-4f4f-9944-9fddabe51479
SM_V9_1 iris    exon    11247791        11247909        .       -
        .
Parent=Smp_003660.1;Name=096010c6-841a-49c3-9822-7812826c7e73
SM_V9_1 iris    exon    11247943        11248126        .       -
        .       Parent=Smp_003660.1;Name=6e9458d8-
bb14-4549-9973-656e6b6b3d8b
SM_V9_1 iris    exon    11248159        11248674        .       -
        .       Parent=Smp_003660.1;Name=ad1c8ac3-8ecb-49fd-8581-
afef0baddd9e
SM_V9_1 iris    CDS     11246711        11246872        .       -
        0       Parent=Smp_003660.1
SM_V9_1 iris    CDS     11246912        11247166        .       -
        0       Parent=Smp_003660.1
SM_V9_1 iris    CDS     11247284        11247415        .       -
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SM_V9_1 iris    CDS     11247791        11247909        .       -
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SM_V9_1 iris    CDS     11247943        11248126        .       -
        0       Parent=Smp_003660.1
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SM_V9_1 iris    gene    11261888        11273690        .       +
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_1 iris    mRNA    11261888        11273690        .       +
        .
ID=Smp_124120.1;Parent=Smp_124120;geneID=Smp_124120;gene_name=Smp_12
4120;owner=irisadmin@local.host;orig_id=Smp_124120.2;date_last_modif
ied=2022-07-09;Name=Smp_124120.1;product=DNA polymerase epsilon
subunit 2;date_creation=2022-07-09
SM_V9_1 iris    exon    11261888        11261936        .       +
        .
Parent=Smp_124120.1;Name=84958db3-3a75-4a23-83ab-5b315e9ab88a
SM_V9_1 iris    exon    11261979        11262245        .       +
        .       Parent=Smp_124120.1;Name=7e697115-aa80-4fe3-
b43a-982f27fa8b90
SM_V9_1 iris    exon    11262281        11262412        .       +
        .
Parent=Smp_124120.1;Name=3402bb70-51eb-49c7-83b2-63f0ae9939b5
SM_V9_1 iris    exon    11265053        11265286        .       +
        .       Parent=Smp_124120.1;Name=f5df1557-285a-4964-
b251-7d2280643804
SM_V9_1 iris    exon    11268402        11268614        .       +
        .       Parent=Smp_124120.1;Name=2a40a460-32f0-433a-8920-
c597ba5979ec
SM_V9_1 iris    exon    11269391        11269564        .       +
        .       Parent=Smp_124120.1;Name=6cfaf787-dbb1-4e79-bf82-
a1567a2a8e6f
SM_V9_1 iris    exon    11271946        11272359        .       +
        .       Parent=Smp_124120.1;Name=b00175f9-df7b-4bca-
bc05-15eb3356fe0a
SM_V9_1 iris    exon    11273182        11273690        .       +
        .       Parent=Smp_124120.1;Name=ae595798-76dc-437d-
aa85-508704d74be3
SM_V9_1 iris    CDS     11261934        11261936        .       +
        0       Parent=Smp_124120.1
SM_V9_1 iris    CDS     11261979        11262245        .       +
        0       Parent=Smp_124120.1
SM_V9_1 iris    CDS     11262281        11262412        .       +
        0       Parent=Smp_124120.1
SM_V9_1 iris    CDS     11265053        11265286        .       +
        0       Parent=Smp_124120.1
SM_V9_1 iris    CDS     11268402        11268614        .       +
        0       Parent=Smp_124120.1
SM_V9_1 iris    CDS     11269391        11269564        .       +
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SM_V9_1 iris    CDS     11271946        11272359        .       +
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Pfam:PF00498;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    11275574        11275824        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11276728        11276800        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11280345        11280409        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11281800        11282157        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11283678        11283738        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11285563        11285830        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11286726        11286797        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11288982        11289051        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11291354        11291604        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11293812        11293942        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11295303        11295489        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11297799        11298042        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11300116        11300547        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff exon    11302582        11302814        .       -
        .       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11275775        11275824        .       -
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SM_V9_1 Liftoff CDS     11276728        11276800        .       -
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SM_V9_1 Liftoff CDS     11280345        11280409        .       -
        2       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11281800        11282157        .       -
        0       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11283678        11283738        .       -
        1       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11285563        11285830        .       -
        2       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11286726        11286797        .       -
        2       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11288982        11289051        .       -
        0       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11291354        11291604        .       -
        2       Parent=Smp_124110.1
SM_V9_1 Liftoff CDS     11293812        11293942        .       -
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SM_V9_1 Liftoff CDS     11297799        11298042        .       -
        0       Parent=Smp_124110.1
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        .       ID=Smp_003630;geneID=Smp_003630
SM_V9_1 Liftoff mRNA    11304235        11311294        .       -
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factor 3A subunit
3;polypeptide_domain=InterPro:IPR000690,IPR021966,IPR024598,IPR03177
4
Pfam:PF11931,PF12108,PF13297,PF16837;Ontology_term=GO:0003676,GO:000
5634,GO:0008270
SM_V9_1 Liftoff exon    11304235        11304645        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11307008        11307263        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11307950        11308290        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11308389        11308461        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11308498        11308580        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11308625        11308789        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11308834        11308939        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11308978        11309030        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11309067        11309114        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff exon    11309151        11311294        .       -
        .       Parent=Smp_003630.1
SM_V9_1 Liftoff CDS     11304310        11304645        .       -
        0       Parent=Smp_003630.1
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        1       Parent=Smp_003630.1
SM_V9_1 Liftoff CDS     11307950        11308290        .       -
        0       Parent=Smp_003630.1
SM_V9_1 Liftoff CDS     11308389        11308461        .       -
        1       Parent=Smp_003630.1
SM_V9_1 Liftoff CDS     11308498        11308580        .       -
        0       Parent=Smp_003630.1
SM_V9_1 Liftoff CDS     11308625        11308789        .       -
        0       Parent=Smp_003630.1
SM_V9_1 Liftoff CDS     11308834        11308939        .       -
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SM_V9_1 Liftoff CDS     11308978        11309030        .       -
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        0       Parent=Smp_003630.1
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        .
ID=Smp_003620;geneID=Smp_003620;gene_name=Smp_003620;owner=irisadmin
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SM_V9_1 iris    mRNA    11323618        11349233        .       +
        .
ID=Smp_003620.1;Parent=Smp_003620;geneID=Smp_003620;gene_name=Smp_00
3620;owner=irisadmin@local.host;orig_id=Smp_003620.1;date_last_modif
ied=2022-07-16;Name=Smp_003620.1;product=Septin-7.1;date_creation=20
22-07-16
SM_V9_1 iris    exon    11323618        11324116        .       +
        .       Parent=Smp_003620.1;Name=5e4c2a70-df7a-45be-aa0a-
a8b13fbe3149
SM_V9_1 iris    exon    11326401        11326751        .       +
        .
Parent=Smp_003620.1;Name=597eebe9-3c54-47f7-904a-4379c30db026
SM_V9_1 iris    exon    11332397        11332645        .       +
        .
Parent=Smp_003620.1;Name=97a1d9b3-6eaa-43d5-8989-18b2e4d5f5b4
SM_V9_1 iris    exon    11336167        11336268        .       +
        .       Parent=Smp_003620.1;Name=7f6b39a2-a868-424e-bd4e-
a46d3947daa4
SM_V9_1 iris    exon    11338584        11338781        .       +
        .       Parent=Smp_003620.1;Name=f40f2838-
b4bb-4f1b-8356-3c363284a595
SM_V9_1 iris    exon    11341544        11341711        .       +
        .       Parent=Smp_003620.1;Name=d7ad0559-2930-4604-
b899-000c15b29cbd
SM_V9_1 iris    exon    11347597        11349233        .       +
        .       Parent=Smp_003620.1;Name=ca32cb1c-959a-4cd6-ab68-
b797cc5f203f
SM_V9_1 iris    CDS     11323763        11324116        .       +
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SM_V9_1 iris    CDS     11326401        11326751        .       +
        0       Parent=Smp_003620.1
SM_V9_1 iris    CDS     11332397        11332645        .       +
        0       Parent=Smp_003620.1
SM_V9_1 iris    CDS     11336167        11336268        .       +
        0       Parent=Smp_003620.1
SM_V9_1 iris    CDS     11338584        11338781        .       +
        0       Parent=Smp_003620.1
SM_V9_1 iris    CDS     11341544        11341711        .       +
        0       Parent=Smp_003620.1
SM_V9_1 iris    CDS     11347597        11347671        .       +
        0       Parent=Smp_003620.1
SM_V9_1 Liftoff gene    11358489        11362614        .       -
        .       ID=Smp_003610;geneID=Smp_003610
SM_V9_1 Liftoff mRNA    11358489        11362614        .       -
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-4;polypeptide_domain=InterPro:IPR006616,IPR024518 Pfam:PF11901
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        .       Parent=Smp_003610.1
SM_V9_1 Liftoff exon    11360281        11362614        .       -
        .       Parent=Smp_003610.1
SM_V9_1 Liftoff CDS     11358648        11358864        .       -
        1       Parent=Smp_003610.1
SM_V9_1 Liftoff CDS     11360281        11360534        .       -
        0       Parent=Smp_003610.1
SM_V9_1 Liftoff gene    11369309        11373344        .       -
        .       ID=Smp_003600;geneID=Smp_003600
SM_V9_1 Liftoff mRNA    11369309        11373344        .       -
        .
ID=Smp_003600.1;Parent=Smp_003600;geneID=Smp_003600;product=Natterin
-4;polypeptide_domain=InterPro:IPR006616,IPR024518 Pfam:PF11901
SM_V9_1 Liftoff exon    11369309        11369615        .       -
        .       Parent=Smp_003600.1
SM_V9_1 Liftoff exon    11371168        11373344        .       -
        .       Parent=Smp_003600.1
SM_V9_1 Liftoff CDS     11369399        11369615        .       -
        1       Parent=Smp_003600.1
SM_V9_1 Liftoff CDS     11371168        11371421        .       -
        0       Parent=Smp_003600.1
SM_V9_1 Liftoff gene    11381430        11387934        .       -
        .       ID=Smp_188200;geneID=Smp_188200
SM_V9_1 Liftoff mRNA    11381430        11387934        .       -
        .
ID=Smp_188200.1;Parent=Smp_188200;geneID=Smp_188200;product=Natterin
-3;polypeptide_domain=InterPro:IPR006616,IPR024518 Pfam:PF11901
SM_V9_1 Liftoff exon    11381430        11381753        .       -
        .       Parent=Smp_188200.1
SM_V9_1 Liftoff exon    11384895        11387934        .       -
        .       Parent=Smp_188200.1
SM_V9_1 Liftoff CDS     11381528        11381753        .       -
        1       Parent=Smp_188200.1
SM_V9_1 Liftoff CDS     11384895        11385148        .       -
        0       Parent=Smp_188200.1
SM_V9_1 Liftoff gene    11397196        11397954        .       -
        .       ID=Smp_321880;geneID=Smp_321880
SM_V9_1 Liftoff mRNA    11397196        11397954        .       -
        .
ID=Smp_321880.1;Parent=Smp_321880;geneID=Smp_321880;product=Helix-
loop-helix protein 1;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_1 Liftoff exon    11397196        11397954        .       -
        .       Parent=Smp_321880.1
SM_V9_1 Liftoff CDS     11397252        11397812        .       -
        0       Parent=Smp_321880.1
SM_V9_1 iris    gene    11413746        11464720        .       +
        .
ID=Smp_124100;geneID=Smp_124100;gene_name=Smp_124100;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    11413746        11464720        .       +
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        .
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4100;owner=irisadmin@local.host;orig_id=Smp_124100.2;date_last_modif
ied=2022-07-09;Name=Smp_124100.1;product=CLK4-associating serine/
arginine rich protein;date_creation=2022-07-09
SM_V9_1 iris    exon    11413746        11413941        .       +
        .       Parent=Smp_124100.1;Name=d2294646-7488-4e7b-8538-
e88bc20edf4f
SM_V9_1 iris    exon    11413975        11414072        .       +
        .       Parent=Smp_124100.1;Name=8ca4558f-
d20e-4885-8161-5f726aaa6d8b
SM_V9_1 iris    exon    11415757        11415852        .       +
        .       Parent=Smp_124100.1;Name=3d9f5d4a-
b178-4deb-9308-3eda2298dcb3
SM_V9_1 iris    exon    11415895        11415977        .       +
        .
Parent=Smp_124100.1;Name=97ffb79f-0b57-4cea-8554-13fc2b1939ef
SM_V9_1 iris    exon    11418108        11418204        .       +
        .       Parent=Smp_124100.1;Name=7a605cb6-52de-48b3-
b27c-36c8915992e1
SM_V9_1 iris    exon    11421102        11421244        .       +
        .       Parent=Smp_124100.1;Name=c409d1bc-2528-4d8e-
bb7a-0d459d96bef7
SM_V9_1 iris    exon    11426960        11427135        .       +
        .       Parent=Smp_124100.1;Name=0c58faeb-6d12-429e-
b0d8-5e84971b8f2d
SM_V9_1 iris    exon    11427784        11427863        .       +
        .
Parent=Smp_124100.1;Name=dbd2f8e6-5679-4549-81cf-331097f8de9b
SM_V9_1 iris    exon    11429849        11429881        .       +
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SM_V9_1 iris    exon    11431380        11431704        .       +
        .       Parent=Smp_124100.1;Name=964a8f12-ec2b-41d2-b681-
dccd341de50d
SM_V9_1 iris    exon    11432599        11432939        .       +
        .       Parent=Smp_124100.1;Name=420fec95-c8bb-49dd-9718-
cc3ccd71baa5
SM_V9_1 iris    exon    11433497        11433790        .       +
        .       Parent=Smp_124100.1;Name=96c714e5-8931-4791-
a27e-544df1f74eb6
SM_V9_1 iris    exon    11435510        11435743        .       +
        .       Parent=Smp_124100.1;Name=ef374f74-0599-4036-
be8f-3991aabe8e54
SM_V9_1 iris    exon    11440599        11440692        .       +
        .       Parent=Smp_124100.1;Name=74950ebe-b599-42eb-
a284-512814dfa98d
SM_V9_1 iris    exon    11442009        11442096        .       +
        .       Parent=Smp_124100.1;Name=681e8892-ac16-4e01-93c7-
d6d7435a37bc
SM_V9_1 iris    exon    11445781        11445839        .       +
        .       Parent=Smp_124100.1;Name=e89bc462-
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SM_V9_1 iris    exon    11452867        11453242        .       +
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        .       Parent=Smp_124100.1;Name=d3f28428-43c9-4308-
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SM_V9_1 iris    exon    11454702        11454937        .       +
        .
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SM_V9_1 iris    exon    11464362        11464720        .       +
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b66d-8653afa0b41b
SM_V9_1 iris    CDS     11413843        11413941        .       +
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SM_V9_1 iris    CDS     11413975        11414072        .       +
        0       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11415757        11415852        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11415895        11415977        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11418108        11418204        .       +
        2       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11421102        11421244        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11426960        11427135        .       +
        2       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11427784        11427863        .       +
        0       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11429849        11429881        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11431380        11431704        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11432599        11432939        .       +
        0       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11433497        11433790        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11435510        11435743        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11440599        11440692        .       +
        1       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11442009        11442096        .       +
        0       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11445781        11445839        .       +
        2       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11452867        11453242        .       +
        0       Parent=Smp_124100.1
SM_V9_1 iris    CDS     11454702        11454925        .       +
        2       Parent=Smp_124100.1
SM_V9_1 Liftoff gene    11474209        11483214        .       -
        .
ID=Smp_342010;geneID=Smp_342010;previous_systematic_id=Smp_124090
SM_V9_1 Liftoff mRNA    11474209        11483214        .       -
        .
ID=Smp_342010.1;Parent=Smp_342010;geneID=Smp_342010;product=B-cell
lymphoma/leukemia 11B;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    11474209        11483214        .       -
        .       Parent=Smp_342010.1
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SM_V9_1 Liftoff CDS     11474991        11478464        .       -
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@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    11566460        11583676        .       +
        .
ID=Smp_124080.1;Parent=Smp_124080;geneID=Smp_124080;gene_name=Smp_12
4080;owner=irisadmin@local.host;orig_id=Smp_124080.1;date_last_modif
ied=2022-08-27;Name=Smp_124080.1;product=Calcium-activated potassium
channel subunit beta-4;date_creation=2022-08-27
SM_V9_1 iris    exon    11566460        11567382        .       +
        .
Parent=Smp_124080.1;Name=efc15318-33a8-4876-83f1-16755b44ab71
SM_V9_1 iris    exon    11582883        11583676        .       +
        .       Parent=Smp_124080.1;Name=3c3cdb73-92d9-4315-
b6d8-081ed264fac4
SM_V9_1 iris    CDS     11566825        11567382        .       +
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SM_V9_1 iris    CDS     11582883        11583158        .       +
        0       Parent=Smp_124080.1
SM_V9_1 Liftoff gene    11644060        11669914        .       +
        .       ID=Smp_124070;geneID=Smp_124070
SM_V9_1 Liftoff mRNA    11644060        11669914        .       +
        .
ID=Smp_124070.1;Parent=Smp_124070;geneID=Smp_124070;product=venom
allergen (val) protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR001283,IPR014044,IPR018244,
IPR034113 Pfam:PF00188;Ontology_term=GO:0005576
SM_V9_1 Liftoff exon    11644060        11644208        .       +
        .       Parent=Smp_124070.1
SM_V9_1 Liftoff exon    11662218        11662390        .       +
        .       Parent=Smp_124070.1
SM_V9_1 Liftoff exon    11664363        11664437        .       +
        .       Parent=Smp_124070.1
SM_V9_1 Liftoff exon    11668089        11668256        .       +
        .       Parent=Smp_124070.1
SM_V9_1 Liftoff exon    11669594        11669914        .       +
        .       Parent=Smp_124070.1
SM_V9_1 Liftoff CDS     11644162        11644208        .       +
        0       Parent=Smp_124070.1
SM_V9_1 Liftoff CDS     11662218        11662390        .       +
        1       Parent=Smp_124070.1
SM_V9_1 Liftoff CDS     11664363        11664437        .       +
        2       Parent=Smp_124070.1
SM_V9_1 Liftoff CDS     11668089        11668256        .       +
        2       Parent=Smp_124070.1
SM_V9_1 Liftoff CDS     11669594        11669640        .       +
        2       Parent=Smp_124070.1
SM_V9_1 Liftoff gene    11676360        11702348        .       +
        .       ID=Smp_124060;geneID=Smp_124060
SM_V9_1 Liftoff mRNA    11676360        11702348        .       +
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ID=Smp_124060.1;Parent=Smp_124060;geneID=Smp_124060;product=venom
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1283,IPR014044,IPR018244,IPR034113
Pfam:PF00188;Ontology_term=GO:0005576
SM_V9_1 Liftoff exon    11676360        11676925        .       +
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SM_V9_1 Liftoff exon    11681493        11681665        .       +
        .       Parent=Smp_124060.1
SM_V9_1 Liftoff exon    11685800        11685874        .       +
        .       Parent=Smp_124060.1
SM_V9_1 Liftoff exon    11688016        11688183        .       +
        .       Parent=Smp_124060.1
SM_V9_1 Liftoff exon    11689782        11689844        .       +
        .       Parent=Smp_124060.1
SM_V9_1 Liftoff exon    11696443        11696493        .       +
        .       Parent=Smp_124060.1
SM_V9_1 Liftoff exon    11699504        11699572        .       +
        .       Parent=Smp_124060.1
SM_V9_1 Liftoff exon    11701968        11702348        .       +
        .       Parent=Smp_124060.1
SM_V9_1 Liftoff CDS     11676879        11676925        .       +
        0       Parent=Smp_124060.1
SM_V9_1 Liftoff CDS     11681493        11681665        .       +
        1       Parent=Smp_124060.1
SM_V9_1 Liftoff CDS     11685800        11685874        .       +
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SM_V9_1 Liftoff CDS     11688016        11688183        .       +
        2       Parent=Smp_124060.1
SM_V9_1 Liftoff CDS     11689782        11689844        .       +
        2       Parent=Smp_124060.1
SM_V9_1 Liftoff CDS     11696443        11696493        .       +
        2       Parent=Smp_124060.1
SM_V9_1 Liftoff CDS     11699504        11699572        .       +
        2       Parent=Smp_124060.1
SM_V9_1 Liftoff CDS     11701968        11702032        .       +
        2       Parent=Smp_124060.1
SM_V9_1 Liftoff gene    11722350        11790299        .       +
        .       ID=Smp_124050;geneID=Smp_124050
SM_V9_1 Liftoff mRNA    11722350        11790299        .       +
        .
ID=Smp_124050.1;Parent=Smp_124050;geneID=Smp_124050;product=venom
allergen-like (VAL) 6 protein;evidence=Traceable Author
Statement;literature=PMID:18294395
PMID:22575701;polypeptide_domain=InterPro:IPR014044,IPR034113
Pfam:PF00188
SM_V9_1 Liftoff exon    11722350        11722679        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11725908        11726080        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11730195        11730269        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11732507        11732671        .       +
        .       Parent=Smp_124050.1
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SM_V9_1 Liftoff exon    11735706        11735717        .       +
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SM_V9_1 Liftoff exon    11737200        11737211        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11739357        11739377        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11740889        11740909        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11742389        11742410        .       +
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SM_V9_1 Liftoff exon    11750043        11750116        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11751606        11751911        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11755574        11755579        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11756421        11756441        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11757056        11757133        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11758869        11758907        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11760567        11760572        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11762107        11762121        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11763069        11763080        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11763781        11763786        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11765298        11765312        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11766108        11766119        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11767749        11767754        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11769699        11769713        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11771279        11771290        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11777333        11777347        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11780403        11780444        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11781153        11781176        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11783340        11783363        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff exon    11789631        11790299        .       +
        .       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11722633        11722679        .       +
        0       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11725908        11726080        .       +
        1       Parent=Smp_124050.1
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SM_V9_1 Liftoff CDS     11730195        11730269        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11732507        11732671        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11735706        11735717        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11737200        11737211        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11739357        11739377        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11740889        11740909        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11742389        11742410        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11750043        11750116        .       +
        1       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11751606        11751911        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11755574        11755579        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11756421        11756441        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11757056        11757133        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11758869        11758907        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11760567        11760572        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11762107        11762121        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11763069        11763080        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11763781        11763786        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11765298        11765312        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11766108        11766119        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11767749        11767754        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11769699        11769713        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11771279        11771290        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11777333        11777347        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11780403        11780444        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11781153        11781176        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11783340        11783363        .       +
        2       Parent=Smp_124050.1
SM_V9_1 Liftoff CDS     11789631        11789644        .       +
        2       Parent=Smp_124050.1
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SM_V9_1 Liftoff mRNA    11722350        11790299        .       +
        .
ID=Smp_124050.2;Parent=Smp_124050;geneID=Smp_124050;product=venom
allergen-like (VAL) 6 protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR014044,IPR034113
Pfam:PF00188
SM_V9_1 Liftoff exon    11722350        11722679        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11725908        11726080        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11730195        11730269        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11732507        11732671        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11735706        11735717        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11737200        11737211        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11739357        11739377        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11740889        11740909        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11742389        11742410        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11750043        11750116        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11751606        11751911        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11755574        11755579        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11756421        11756441        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11757056        11757133        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11758869        11758907        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11760567        11760572        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11762107        11762121        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11763069        11763080        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11763781        11763786        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11765298        11765312        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11766108        11766119        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11767749        11767754        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11769699        11769713        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11771279        11771290        .       +
        .       Parent=Smp_124050.2
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SM_V9_1 Liftoff exon    11777333        11777347        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11780403        11780444        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11781153        11781176        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff exon    11782792        11790299        .       +
        .       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11722633        11722679        .       +
        0       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11725908        11726080        .       +
        1       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11730195        11730269        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11732507        11732671        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11735706        11735717        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11737200        11737211        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11739357        11739377        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11740889        11740909        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11742389        11742410        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11750043        11750116        .       +
        1       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11751606        11751911        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11755574        11755579        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11756421        11756441        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11757056        11757133        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11758869        11758907        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11760567        11760572        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11762107        11762121        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11763069        11763080        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11763781        11763786        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11765298        11765312        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11766108        11766119        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11767749        11767754        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11769699        11769713        .       +
        2       Parent=Smp_124050.2
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SM_V9_1 Liftoff CDS     11771279        11771290        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11777333        11777347        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11780403        11780444        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11781153        11781176        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff CDS     11782792        11782811        .       +
        2       Parent=Smp_124050.2
SM_V9_1 Liftoff mRNA    11722350        11790299        .       +
        .
ID=Smp_124050.3;Parent=Smp_124050;geneID=Smp_124050;product=Golgi-
associated plant pathogenesis-related protein
1;polypeptide_domain=InterPro:IPR014044,IPR034113 Pfam:PF00188
SM_V9_1 Liftoff exon    11722350        11722679        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11725908        11726080        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11730195        11730269        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11732507        11732671        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11735706        11735717        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11737200        11737211        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11739357        11739377        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11740889        11740909        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11742389        11742410        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11750043        11750116        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11751606        11751911        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11757056        11757133        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11758869        11758907        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11760567        11760572        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11762107        11762121        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11763069        11763080        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11763781        11763786        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11765298        11765312        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11766108        11766119        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11767749        11767754        .       +
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        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11769699        11769713        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11771279        11771290        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11777333        11777347        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11780403        11780444        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11781153        11781176        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff exon    11782792        11790299        .       +
        .       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11722633        11722679        .       +
        0       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11725908        11726080        .       +
        1       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11730195        11730269        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11732507        11732671        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11735706        11735717        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11737200        11737211        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11739357        11739377        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11740889        11740909        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11742389        11742410        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11750043        11750116        .       +
        1       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11751606        11751911        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11757056        11757133        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11758869        11758907        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11760567        11760572        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11762107        11762121        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11763069        11763080        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11763781        11763786        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11765298        11765312        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11766108        11766119        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11767749        11767754        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11769699        11769713        .       +
```

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        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11771279        11771290        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11777333        11777347        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11780403        11780444        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11781153        11781176        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff CDS     11782792        11782811        .       +
        2       Parent=Smp_124050.3
SM_V9_1 Liftoff gene    11826878        11828996        .       -
        .
ID=Smp_342000;geneID=Smp_342000;previous_systematic_id=Smp_124040
SM_V9_1 Liftoff mRNA    11826878        11828996        .       -
        .
ID=Smp_342000.1;Parent=Smp_342000;geneID=Smp_342000;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_1 Liftoff exon    11826878        11828996        .       -
        .       Parent=Smp_342000.1
SM_V9_1 Liftoff CDS     11827013        11828941        .       -
        0       Parent=Smp_342000.1
SM_V9_1 iris    gene    11900804        11914586        .       -
        .
ID=Smp_124030;geneID=Smp_124030;gene_name=Smp_124030;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    11900804        11914586        .       -
        .
ID=Smp_124030.1;Parent=Smp_124030;geneID=Smp_124030;gene_name=Smp_12
4030;owner=irisadmin@local.host;orig_id=Smp_124030.1;date_last_modif
ied=2022-07-09;Name=Smp_124030.1;product=Probable ribosomal RNA
small subunit methyltransferase A;date_creation=2022-07-09
SM_V9_1 iris    exon    11900804        11901409        .       -
        .       Parent=Smp_124030.1;Name=c1900ae0-96de-4fd3-
addb-8a5cf69a476f
SM_V9_1 iris    exon    11902300        11902480        .       -
        .       Parent=Smp_124030.1;Name=dcf941f3-c655-404f-94e9-
abcbc18a4da3
SM_V9_1 iris    exon    11903305        11903551        .       -
        .
Parent=Smp_124030.1;Name=2177efb1-8789-4d4c-9e24-012669967fa4
SM_V9_1 iris    exon    11904962        11905186        .       -
        .       Parent=Smp_124030.1;Name=5db2666f-dd84-4606-9c61-
c62adf0b9fb1
SM_V9_1 iris    exon    11906878        11907138        .       -
        .       Parent=Smp_124030.1;Name=0453cc7a-3468-4c7f-
b834-9a6f0b5acf91
SM_V9_1 iris    exon    11911015        11911173        .       -
        .       Parent=Smp_124030.1;Name=4869e3cc-8901-48d6-
ae3f-08af302f2cb2
SM_V9_1 iris    exon    11912410        11912622        .       -
        .       Parent=Smp_124030.1;Name=16f61562-a13b-4e30-8ac7-
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ee990a5d23ec
SM_V9_1 iris    exon    11914013        11914377        .       -
        .       Parent=Smp_124030.1;Name=4bbeb5ea-12b7-438e-b138-
e19bd69dc567
SM_V9_1 iris    exon    11914419        11914586        .       -
        .       Parent=Smp_124030.1;Name=100d4df1-705a-45eb-
a76a-089eaec24101
SM_V9_1 iris    CDS     11901079        11901409        .       -
        1       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11902300        11902480        .       -
        2       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11903305        11903551        .       -
        0       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11904962        11905186        .       -
        0       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11906878        11907138        .       -
        0       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11911015        11911173        .       -
        0       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11912410        11912622        .       -
        0       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11914013        11914377        .       -
        2       Parent=Smp_124030.1
SM_V9_1 iris    CDS     11914419        11914551        .       -
        0       Parent=Smp_124030.1
SM_V9_1 Liftoff gene    11950100        11954964        .       +
        .       ID=Smp_124020;geneID=Smp_124020
SM_V9_1 Liftoff mRNA    11950100        11954964        .       +
        .
ID=Smp_124020.1;Parent=Smp_124020;geneID=Smp_124020;product=Heparan-
sulfate 6-O-sulfotransferase 1-
B;polypeptide_domain=InterPro:IPR005331
Pfam:PF03567;Ontology_term=GO:0008146,GO:0016021
SM_V9_1 Liftoff exon    11950100        11952088        .       +
        .       Parent=Smp_124020.1
SM_V9_1 Liftoff exon    11953302        11954964        .       +
        .       Parent=Smp_124020.1
SM_V9_1 Liftoff CDS     11951796        11952088        .       +
        0       Parent=Smp_124020.1
SM_V9_1 Liftoff CDS     11953302        11954232        .       +
        1       Parent=Smp_124020.1
SM_V9_1 Liftoff gene    11965450        11966678        .       +
        .       ID=Smp_321950;geneID=Smp_321950
SM_V9_1 Liftoff mRNA    11965450        11966678        .       +
        .
ID=Smp_321950.1;Parent=Smp_321950;geneID=Smp_321950;product=DNA
polymerase zeta catalytic
subunit;polypeptide_domain=InterPro:IPR007110,IPR013783
SM_V9_1 Liftoff exon    11965450        11966678        .       +
        .       Parent=Smp_321950.1
SM_V9_1 Liftoff CDS     11965497        11966621        .       +
        0       Parent=Smp_321950.1
SM_V9_1 Liftoff gene    11971231        11978945        .       +
        .       ID=Smp_245690;geneID=Smp_245690
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SM_V9_1 Liftoff mRNA    11971231        11978945        .       +
       .
ID=Smp_245690.1;Parent=Smp_245690;geneID=Smp_245690;product=TOG
array regulator of axonemal microtubules protein 1
SM_V9_1 Liftoff exon    11971231        11971473        .       +
       .       Parent=Smp_245690.1
SM_V9_1 Liftoff exon    11976041        11976375        .       +
       .       Parent=Smp_245690.1
SM_V9_1 Liftoff exon    11978635        11978945        .       +
       .       Parent=Smp_245690.1
SM_V9_1 Liftoff CDS     11971419        11971473        .       +
       0       Parent=Smp_245690.1
SM_V9_1 Liftoff CDS     11976041        11976375        .       +
       2       Parent=Smp_245690.1
SM_V9_1 Liftoff CDS     11978635        11978919        .       +
       0       Parent=Smp_245690.1
SM_V9_1 Liftoff gene    11984178        12008966        .       -
       .       ID=Smp_124010;geneID=Smp_124010
SM_V9_1 Liftoff mRNA    11984178        12008966        .       -
       .
ID=Smp_124010.1;Parent=Smp_124010;geneID=Smp_124010;product=Homeobox
protein OTX1
B;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    11984178        11989675        .       -
       .       Parent=Smp_124010.1
SM_V9_1 Liftoff exon    11997822        12000177        .       -
       .       Parent=Smp_124010.1
SM_V9_1 Liftoff exon    12002674        12008966        .       -
       .       Parent=Smp_124010.1
SM_V9_1 Liftoff CDS     11989389        11989675        .       -
       2       Parent=Smp_124010.1
SM_V9_1 Liftoff CDS     11997822        12000177        .       -
       0       Parent=Smp_124010.1
SM_V9_1 Liftoff CDS     12002674        12003465        .       -
       0       Parent=Smp_124010.1
SM_V9_1 iris    gene    12067598        12091414        .       +
       .
ID=Smp_124000;geneID=Smp_124000;gene_name=Smp_124000;owner=irisadmin
@local.host;date_last_modified=2022-11-11;date_creation=2022-11-11
SM_V9_1 iris    mRNA    12067598        12091414        .       +
       .
ID=Smp_124000.1;Parent=Smp_124000;geneID=Smp_124000;gene_name=Smp_12
4000;owner=irisadmin@local.host;orig_id=Smp_124000.1;date_last_modif
ied=2022-11-11;Name=Smp_124000.1;product=MEG-14;date_creation=2022-1
1-11
SM_V9_1 iris    exon    12067598        12067698        .       +
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Parent=Smp_124000.1;Name=ecec82db-0288-49ac-858a-8feab24e7dee
SM_V9_1 iris    exon    12068596        12068617        .       +
       .       Parent=Smp_124000.1;Name=457a4f5c-519b-494e-
a01c-702841f662da
SM_V9_1 iris    exon    12071392        12071415        .       +
       .       Parent=Smp_124000.1;Name=9c93a2c9-4cfb-4b9e-
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a65b-7960b10d047b
SM_V9_1 iris    exon    12073603        12073626        .       +
        .       Parent=Smp_124000.1;Name=2a7e5edf-3301-4c39-b1e3-
ec761aef77bf
SM_V9_1 iris    exon    12074373        12074396        .       +
        .       Parent=Smp_124000.1;Name=52204402-511f-4fe5-
a1dc-91f03f2868f2
SM_V9_1 iris    exon    12076257        12076280        .       +
        .       Parent=Smp_124000.1;Name=91081e9c-9754-4595-b8a5-
efb680fdaa66
SM_V9_1 iris    exon    12077072        12077092        .       +
        .
Parent=Smp_124000.1;Name=fedcce30-5da8-40b7-87f9-5dd850bc8ee2
SM_V9_1 iris    exon    12078922        12078945        .       +
        .
Parent=Smp_124000.1;Name=f3c137f4-0b9e-4b71-8636-73ffdaa8d838
SM_V9_1 iris    exon    12079737        12079757        .       +
        .       Parent=Smp_124000.1;Name=0015566c-
cd3a-4a51-8ec4-41ebf80f5256
SM_V9_1 iris    exon    12080489        12080503        .       +
        .
Parent=Smp_124000.1;Name=b28bb8bd-53dc-4eeb-8e7d-0330bc11ae0f
SM_V9_1 iris    exon    12082839        12082862        .       +
        .       Parent=Smp_124000.1;Name=c086da35-cff4-4ef5-8622-
bc512a2d6836
SM_V9_1 iris    exon    12083616        12083639        .       +
        .       Parent=Smp_124000.1;Name=6ba7f6e4-
e273-49a7-8378-6545f10339a6
SM_V9_1 iris    exon    12084338        12084343        .       +
        .       Parent=Smp_124000.1;Name=69abc082-5b42-4cdd-
aafc-96d46e5a05c0
SM_V9_1 iris    exon    12086184        12086198        .       +
        .       Parent=Smp_124000.1;Name=cdc58165-5663-4f6b-a9ae-
bb5e18bbfad2
SM_V9_1 iris    exon    12087075        12087101        .       +
        .       Parent=Smp_124000.1;Name=c28e5307-9d26-4128-
a59c-7c0106832398
SM_V9_1 iris    exon    12088225        12088245        .       +
        .       Parent=Smp_124000.1;Name=fa4faf75-
c0b6-41c1-892d-72337e54f28c
SM_V9_1 iris    exon    12088996        12089016        .       +
        .       Parent=Smp_124000.1;Name=8c7d664f-d8d1-479c-
a148-2d1063f3434c
SM_V9_1 iris    exon    12091221        12091414        .       +
        .       Parent=Smp_124000.1;Name=71e5ee60-72ab-43ac-a730-
de1b12af3186
SM_V9_1 iris    CDS     12067629        12067698        .       +
        0       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12068596        12068617        .       +
        2       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12071392        12071415        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12073603        12073626        .       +
        1       Parent=Smp_124000.1
```

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SM_V9_1 iris    CDS     12074373        12074396        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12076257        12076280        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12077072        12077092        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12078922        12078945        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12079737        12079757        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12080489        12080503        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12082839        12082862        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12083616        12083639        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12084338        12084343        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12086184        12086198        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12087075        12087101        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12088225        12088245        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12088996        12089016        .       +
        1       Parent=Smp_124000.1
SM_V9_1 iris    CDS     12091221        12091239        .       +
        1       Parent=Smp_124000.1
SM_V9_1 Liftoff gene    12188198        12218132        .       +
        .       ID=Smp_003440;geneID=Smp_003440
SM_V9_1 Liftoff mRNA    12188198        12218132        .       +
        .
ID=Smp_003440.1;Parent=Smp_003440;geneID=Smp_003440;product=Stomatin
-2;polypeptide_domain=InterPro:IPR001107,IPR001972,IPR018080
Pfam:PF01145;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    12188198        12189059        .       +
        .       Parent=Smp_003440.1
SM_V9_1 Liftoff exon    12205740        12206099        .       +
        .       Parent=Smp_003440.1
SM_V9_1 Liftoff exon    12217225        12218132        .       +
        .       Parent=Smp_003440.1
SM_V9_1 Liftoff CDS     12188295        12189059        .       +
        0       Parent=Smp_003440.1
SM_V9_1 Liftoff CDS     12205740        12206099        .       +
        0       Parent=Smp_003440.1
SM_V9_1 Liftoff CDS     12217225        12217782        .       +
        0       Parent=Smp_003440.1
SM_V9_1 iris    gene    12311641        12335781        .       -
        .
ID=Smp_321620;geneID=Smp_321620;gene_name=Smp_321620;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    12311641        12335781        .       -
        .
ID=Smp_321620.1;Parent=Smp_321620;geneID=Smp_321620;gene_name=Smp_32
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1620;owner=irisadmin@local.host;orig_id=Smp_321620.1;date_last_modif
ied=2022-08-27;Name=Smp_321620.1;product=Threonine--tRNA ligase,
cytoplasmic;date_creation=2022-08-27
SM_V9_1 iris    exon    12311641        12311869        .       -
        .
Parent=Smp_321620.1;Name=b40d95d1-55c5-4795-922a-0e14789e9496
SM_V9_1 iris    exon    12314596        12314790        .       -
        .       Parent=Smp_321620.1;Name=4486386a-
f8b5-43cc-949c-393ce41e7870
SM_V9_1 iris    exon    12315783        12315973        .       -
        .       Parent=Smp_321620.1;Name=dd298d15-6941-48d4-95bf-
e51be801a531
SM_V9_1 iris    exon    12316955        12317133        .       -
        .       Parent=Smp_321620.1;Name=cc1a8a15-1709-4d71-bdc7-
d222d893dd1a
SM_V9_1 iris    exon    12319096        12319233        .       -
        .       Parent=Smp_321620.1;Name=c5896b9d-7626-4211-
ac5d-2f2e767fd8c2
SM_V9_1 iris    exon    12320039        12320272        .       -
        .       Parent=Smp_321620.1;Name=496056bd-09be-4da2-874c-
b5d050acf3c3
SM_V9_1 iris    exon    12320742        12320975        .       -
        .       Parent=Smp_321620.1;Name=c2b4df68-dc90-4e50-9623-
a9d7fe2cf479
SM_V9_1 iris    exon    12324024        12324160        .       -
        .       Parent=Smp_321620.1;Name=fdb6e658-17e4-4bc7-b752-
ce66df09db1c
SM_V9_1 iris    exon    12326010        12326251        .       -
        .       Parent=Smp_321620.1;Name=7447bf7e-9790-4e78-afc1-
e76839b8d324
SM_V9_1 iris    exon    12327153        12327282        .       -
        .       Parent=Smp_321620.1;Name=982909e0-fa1b-496f-97f4-
bd6b00bf95b7
SM_V9_1 iris    exon    12328603        12328718        .       -
        .
Parent=Smp_321620.1;Name=32e7f72a-0cdd-43cf-93c1-6919c00c9a38
SM_V9_1 iris    exon    12332392        12332621        .       -
        .
Parent=Smp_321620.1;Name=6ff938ad-8312-4d3f-8d60-9ac321783c85
SM_V9_1 iris    exon    12335690        12335781        .       -
        .       Parent=Smp_321620.1;Name=7d97e325-462d-473a-82a6-
a8c1ade5e33a
SM_V9_1 iris    CDS     12311721        12311869        .       -
        2       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12314596        12314790        .       -
        2       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12315783        12315973        .       -
        1       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12316955        12317133        .       -
        0       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12319096        12319233        .       -
        0       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12320039        12320272        .       -
        0       Parent=Smp_321620.1
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SM_V9_1 iris    CDS     12320742        12320975        .       -
        0       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12324024        12324160        .       -
        2       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12326010        12326251        .       -
        1       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12327153        12327282        .       -
        2       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12328603        12328718        .       -
        1       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12332392        12332621        .       -
        0       Parent=Smp_321620.1
SM_V9_1 iris    CDS     12335690        12335692        .       -
        0       Parent=Smp_321620.1
SM_V9_1 iris    gene    12340250        12344343        .       +
        .
ID=Smp_322050;geneID=Smp_322050;gene_name=Smp_322050;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    12340250        12344343        .       +
        .
ID=Smp_322050.1;Parent=Smp_322050;geneID=Smp_322050;gene_name=Smp_32
2050;owner=irisadmin@local.host;orig_id=Smp_322050.1;date_last_modif
ied=2022-07-21;Name=Smp_322050.1;product=Threonine--tRNA ligase,
cytoplasmic;date_creation=2022-07-21
SM_V9_1 iris    exon    12340250        12340479        .       +
        .       Parent=Smp_322050.1;Name=fcff38d8-5c33-446e-8189-
c90f69994289
SM_V9_1 iris    exon    12344153        12344343        .       +
        .
Parent=Smp_322050.1;Name=9268305d-6964-48f6-8171-3f7e15cc9e82
SM_V9_1 iris    CDS     12340250        12340479        .       +
        0       Parent=Smp_322050.1
SM_V9_1 iris    CDS     12344153        12344288        .       +
        1       Parent=Smp_322050.1
SM_V9_1 iris    gene    12350818        12351636        .       +
        .
ID=Smp_003410;geneID=Smp_003410;gene_name=Smp_003410;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    12350818        12351636        .       +
        .
ID=Smp_003410.1;Parent=Smp_003410;geneID=Smp_003410;gene_name=Smp_00
3410;owner=irisadmin@local.host;orig_id=Smp_003410.1;date_last_modif
ied=2022-07-19;Name=Smp_003410.1;product=60S ribosomal protein
L23a;date_creation=2022-07-19
SM_V9_1 iris    exon    12350818        12351004        .       +
        .
Parent=Smp_003410.1;Name=0cd8429a-3b16-4f82-9d76-2fde7ac53121
SM_V9_1 iris    exon    12351110        12351278        .       +
        .       Parent=Smp_003410.1;Name=883d66f4-c316-4bdf-a8a8-
f03ae444cce6
SM_V9_1 iris    exon    12351311        12351636        .       +
        .       Parent=Smp_003410.1;Name=0783afd4-103b-422f-
b23a-5088ad1b7325
SM_V9_1 iris    CDS     12350842        12351004        .       +
```

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        0       Parent=Smp_003410.1
SM_V9_1 iris    CDS     12351110        12351278        .       +
        2       Parent=Smp_003410.1
SM_V9_1 iris    CDS     12351311        12351572        .       +
        1       Parent=Smp_003410.1
SM_V9_1 iris    gene    12372188        12503534        .       +
        .
ID=Smp_337440;geneID=Smp_337440;gene_name=Smp_337440;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_1 iris    mRNA    12372188        12503534        .       +
        .
ID=Smp_337440.1;Parent=Smp_337440;geneID=Smp_337440;gene_name=Smp_33
7440;owner=irisadmin@local.host;orig_id=Smp_337440.1;date_last_modif
ied=2022-07-09;Name=Smp_337440.1;product=Hypothetical
protein;date_creation=2022-07-09
SM_V9_1 iris    exon    12372188        12373819        .       +
        .       Parent=Smp_337440.1;Name=0567f075-6fd9-44c7-9bbe-
ccd650eec050
SM_V9_1 iris    exon    12392176        12392705        .       +
        .       Parent=Smp_337440.1;Name=598dc5d0-7fa2-46bc-8b73-
f5134ca27685
SM_V9_1 iris    exon    12399358        12399534        .       +
        .
Parent=Smp_337440.1;Name=4836e341-82f0-44d6-93b0-07d9b0a409ef
SM_V9_1 iris    exon    12419743        12420189        .       +
        .       Parent=Smp_337440.1;Name=3e3dfd12-7601-42b6-
aa68-19663b1543d6
SM_V9_1 iris    exon    12426991        12427047        .       +
        .       Parent=Smp_337440.1;Name=6b05640c-5ee1-422c-
ac1a-85b4df0ba928
SM_V9_1 iris    exon    12431047        12431145        .       +
        .       Parent=Smp_337440.1;Name=64908a4a-0aab-4eb9-8303-
b523f1e3fa99
SM_V9_1 iris    exon    12440473        12440871        .       +
        .       Parent=Smp_337440.1;Name=75d33805-60aa-4d8d-
beab-78ad69fae89a
SM_V9_1 iris    exon    12441965        12442217        .       +
        .       Parent=Smp_337440.1;Name=7942b698-936f-4c3f-80f3-
bfabafe6bd4e
SM_V9_1 iris    exon    12443892        12444222        .       +
        .
Parent=Smp_337440.1;Name=1eae2be6-835d-4e56-87f6-649851941ff2
SM_V9_1 iris    exon    12451082        12451784        .       +
        .       Parent=Smp_337440.1;Name=37333456-2f52-4286-9b11-
d5f0fcb2300b
SM_V9_1 iris    exon    12452973        12453488        .       +
        .
Parent=Smp_337440.1;Name=7691f25e-0ebc-4254-93c7-10ded2c7ba69
SM_V9_1 iris    exon    12467787        12468359        .       +
        .       Parent=Smp_337440.1;Name=68dc5d59-dedb-4cfd-
b542-1f3a9cf3d1d5
SM_V9_1 iris    exon    12473119        12473394        .       +
        .
Parent=Smp_337440.1;Name=0002329b-968c-4e3c-92f9-6286513ed445
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SM_V9_1 iris    exon    12474951        12475328        .       +
        .       Parent=Smp_337440.1;Name=9f556859-4ebb-4a75-8775-
dbea1e375ea7
SM_V9_1 iris    exon    12478474        12478740        .       +
        .       Parent=Smp_337440.1;Name=54906be0-7fe3-48b1-
ab5e-4816f4ac696e
SM_V9_1 iris    exon    12482544        12482984        .       +
        .       Parent=Smp_337440.1;Name=ab43558f-f1e1-48f0-
b7f0-31b47eea9656
SM_V9_1 iris    exon    12486778        12487040        .       +
        .       Parent=Smp_337440.1;Name=99b27270-
facc-4ed9-839e-465ad5062558
SM_V9_1 iris    exon    12487578        12487776        .       +
        .       Parent=Smp_337440.1;Name=d78cdb2d-dbb1-4a67-80b7-
d5827441c8f4
SM_V9_1 iris    exon    12488248        12488519        .       +
        .       Parent=Smp_337440.1;Name=764798c5-e2b9-4fa0-
b0ee-88da60fe3adc
SM_V9_1 iris    exon    12488872        12488914        .       +
        .       Parent=Smp_337440.1;Name=1527ca78-
de56-4520-9b15-63c8ceed5706
SM_V9_1 iris    exon    12490112        12490381        .       +
        .       Parent=Smp_337440.1;Name=6515cad3-f6ef-4d0e-
ac50-1bdc2b3e48eb
SM_V9_1 iris    exon    12493179        12498566        .       +
        .       Parent=Smp_337440.1;Name=13142225-0ca2-440f-9507-
d9e9205f04c3
SM_V9_1 iris    exon    12500084        12500127        .       +
        .       Parent=Smp_337440.1;Name=96d152b3-1203-4cc4-8135-
ffed1b7da95c
SM_V9_1 iris    exon    12503097        12503534        .       +
        .       Parent=Smp_337440.1;Name=2373c6e4-7e4c-4372-9da7-
d60c3a64ca01
SM_V9_1 iris    CDS     12392340        12392705        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12399358        12399534        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12419743        12420189        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12426991        12427047        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12431047        12431145        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12440473        12440871        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12441965        12442217        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12443892        12444222        .       +
        2       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12451082        12451784        .       +
        1       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12452973        12453488        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12467787        12468359        .       +
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        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12473119        12473394        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12474951        12475328        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12478474        12478740        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12482544        12482984        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12486778        12487040        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12487578        12487776        .       +
        1       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12488248        12488519        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12488872        12488914        .       +
        1       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12490112        12490381        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12493179        12498566        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12500084        12500127        .       +
        0       Parent=Smp_337440.1
SM_V9_1 iris    CDS     12503097        12503337        .       +
        1       Parent=Smp_337440.1
SM_V9_1 Liftoff gene    12510149        12529390        .       +
        .
ID=Smp_341990;geneID=Smp_341990;previous_systematic_id=Smp_123950
SM_V9_1 Liftoff mRNA    12510149        12529390        .       +
        .
ID=Smp_341990.1;Parent=Smp_341990;geneID=Smp_341990;product=Probable
C-mannosyltransferase DPY19L1;polypeptide_domain=InterPro:IPR018732
Pfam:PF10034;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    12510149        12511787        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12513897        12513993        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12514033        12514243        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12517002        12517359        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12519400        12519760        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12521104        12521423        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12522269        12522493        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12523965        12524255        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12527021        12527377        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff exon    12528940        12529390        .       +
        .       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12511506        12511787        .       +
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        0       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12513897        12513993        .       +
        0       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12514033        12514243        .       +
        2       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12517002        12517359        .       +
        1       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12519400        12519760        .       +
        0       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12521104        12521423        .       +
        2       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12522269        12522493        .       +
        0       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12523965        12524255        .       +
        0       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12527021        12527377        .       +
        0       Parent=Smp_341990.1
SM_V9_1 Liftoff CDS     12528940        12529179        .       +
        0       Parent=Smp_341990.1
SM_V9_1 Liftoff gene    12529396        12557005        .       -
        .       ID=Smp_123940;geneID=Smp_123940
SM_V9_1 Liftoff mRNA    12529396        12557005        .       -
        .
ID=Smp_123940.1;Parent=Smp_123940;geneID=Smp_123940;product=DNA
repair protein complementing XP-G
cells;polypeptide_domain=InterPro:IPR001044,IPR006084,IPR006085,IPR0
06086,IPR008918,IPR019974,IPR020045,IPR029060
Pfam:PF00752,PF00867;Ontology_term=GO:0003677,GO:0003697,GO:0003824,
GO:0004518,GO:0004519,GO:0005634,GO:0006281,GO:0006289,GO:0016788
SM_V9_1 Liftoff exon    12529396        12529857        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12530433        12530646        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12532086        12532188        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12532757        12532869        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12534405        12534630        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12536097        12536334        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12539423        12540293        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12543014        12543377        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12544703        12544865        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12547992        12548076        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12549379        12549475        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12551465        12551615        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12553847        12554013        .       -
```

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        .       Parent=Smp_123940.1
SM_V9_1 Liftoff exon    12555607        12557005        .       -
        .       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12529561        12529857        .       -
        0       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12530433        12530646        .       -
        1       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12532086        12532188        .       -
        2       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12532757        12532869        .       -
        1       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12534405        12534630        .       -
        2       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12536097        12536334        .       -
        0       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12539423        12540293        .       -
        1       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12543014        12543377        .       -
        2       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12544703        12544865        .       -
        0       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12547992        12548076        .       -
        1       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12549379        12549475        .       -
        2       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12551465        12551615        .       -
        0       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12553847        12554013        .       -
        2       Parent=Smp_123940.1
SM_V9_1 Liftoff CDS     12555607        12555694        .       -
        0       Parent=Smp_123940.1
SM_V9_1 iris    gene    12568456        12600645        .       +
        .
ID=Smp_003340;geneID=Smp_003340;gene_name=Smp_003340;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-11-03
SM_V9_1 iris    mRNA    12568456        12600645        .       +
        .
ID=Smp_003340.1;Parent=Smp_003340;geneID=Smp_003340;gene_name=Smp_00
3340;owner=irisadmin@local.host;orig_id=Smp_003340.1;date_last_modif
ied=2022-11-03;Name=Smp_003340.1;product=ER membrane protein complex
subunit 1;date_creation=2022-11-03
SM_V9_1 iris    exon    12568456        12568601        .       +
        .       Parent=Smp_003340.1;Name=7b48c528-eb36-4d2a-a685-
fbd31b13361b
SM_V9_1 iris    exon    12568637        12568764        .       +
        .       Parent=Smp_003340.1;Name=58eb3dd3-d9f4-4235-8d19-
fe620c58121a
SM_V9_1 iris    exon    12568795        12568854        .       +
        .       Parent=Smp_003340.1;Name=28ea0b76-5d09-41ee-8000-
c6c4b11de7c6
SM_V9_1 iris    exon    12568889        12568994        .       +
        .       Parent=Smp_003340.1;Name=6d911ebb-
df65-447c-8984-81099b8ab607
SM_V9_1 iris    exon    12569031        12569141        .       +
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        .       Parent=Smp_003340.1;Name=441ef0a4-b4c3-4566-
bbbb-906368466fe9
SM_V9_1 iris    exon    12570656        12570886        .       +
        .       Parent=Smp_003340.1;Name=a8f2a6f0-5f7b-4e4c-
b968-20471d73d35f
SM_V9_1 iris    exon    12574591        12574729        .       +
        .
Parent=Smp_003340.1;Name=96560b7f-75b7-4da7-8a1a-314830b19156
SM_V9_1 iris    exon    12576114        12576245        .       +
        .       Parent=Smp_003340.1;Name=25882183-6215-4af6-8ba2-
a96a2e26f95e
SM_V9_1 iris    exon    12579244        12579315        .       +
        .       Parent=Smp_003340.1;Name=cf1076ed-7e09-46df-
b5b7-40628dc7ff3f
SM_V9_1 iris    exon    12580781        12580891        .       +
        .       Parent=Smp_003340.1;Name=288c13d1-
ede6-465f-8f84-70adf68bb517
SM_V9_1 iris    exon    12582744        12582787        .       +
        .       Parent=Smp_003340.1;Name=a2228682-ff74-4201-
b3d1-144856effbfa
SM_V9_1 iris    exon    12582790        12582839        .       +
        .       Parent=Smp_003340.1;Name=cfec1c12-08b1-43a2-b357-
f8365f5ac03f
SM_V9_1 iris    exon    12583986        12584102        .       +
        .       Parent=Smp_003340.1;Name=de4034a2-93f2-4c33-
b985-62628e5524b0
SM_V9_1 iris    exon    12585719        12585774        .       +
        .
Parent=Smp_003340.1;Name=6e91069d-9b66-49f8-8b15-044a222a7939
SM_V9_1 iris    exon    12587044        12587445        .       +
        .       Parent=Smp_003340.1;Name=7bb65837-5f44-45e6-
a4c1-0f331dcdda75
SM_V9_1 iris    exon    12590133        12590288        .       +
        .       Parent=Smp_003340.1;Name=ee2dab53-8699-4270-8a6a-
ef07a766d913
SM_V9_1 iris    exon    12591350        12591529        .       +
        .       Parent=Smp_003340.1;Name=15fe6d62-2016-4745-84d3-
f311b4d1d41e
SM_V9_1 iris    exon    12593677        12593911        .       +
        .       Parent=Smp_003340.1;Name=b5b514ae-657b-4220-
b713-53d86f8f8121
SM_V9_1 iris    exon    12595655        12595881        .       +
        .       Parent=Smp_003340.1;Name=6d0a2262-73d2-4f49-
b7b9-56f15a0842ed
SM_V9_1 iris    exon    12597116        12597491        .       +
        .       Parent=Smp_003340.1;Name=fe6b61b1-c6b0-4cb2-
b08f-1b40b1478dc8
SM_V9_1 iris    exon    12597886        12597970        .       +
        .
Parent=Smp_003340.1;Name=50033f98-7fe4-47e3-867a-60ae229c3e7a
SM_V9_1 iris    exon    12599051        12599199        .       +
        .       Parent=Smp_003340.1;Name=afb05d18-88ca-4a91-
b378-8810eab76c05
SM_V9_1 iris    exon    12600286        12600645        .       +
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        .
Parent=Smp_003340.1;Name=7e541f7c-9697-47cd-92b0-7977731c90fc
SM_V9_1 iris    CDS     12568519        12568601        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12568637        12568764        .       +
        1       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12568795        12568854        .       +
        2       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12568889        12568994        .       +
        2       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12569031        12569141        .       +
        1       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12570656        12570886        .       +
        1       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12574591        12574729        .       +
        1       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12576114        12576245        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12579244        12579315        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12580781        12580891        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12582744        12582787        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12582790        12582839        .       +
        1       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12583986        12584102        .       +
        2       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12585719        12585774        .       +
        2       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12587044        12587445        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12590133        12590288        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12591350        12591529        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12593677        12593911        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12595655        12595881        .       +
        2       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12597116        12597491        .       +
        0       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12597886        12597970        .       +
        2       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12599051        12599199        .       +
        1       Parent=Smp_003340.1
SM_V9_1 iris    CDS     12600286        12600446        .       +
        2       Parent=Smp_003340.1
SM_V9_1 iris    gene    12611981        12612683        .       -
        .
ID=Smp_003330;geneID=Smp_003330;gene_name=Smp_003330;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_1 iris    mRNA    12611981        12612683        .       -
        .
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ID=Smp_003330.1;Parent=Smp_003330;geneID=Smp_003330;gene_name=Smp_00
3330;owner=irisadmin@local.host;orig_id=Smp_003330.1;date_last_modif
ied=2022-07-09;Name=Smp_003330.1;product=Sjoegren syndrome nuclear
autoantigen 1;date_creation=2022-07-09
SM_V9_1 iris    exon    12611981        12612291        .       -
        .       Parent=Smp_003330.1;Name=168aebab-5694-4280-
abda-4a417d29c9ab
SM_V9_1 iris    exon    12612327        12612526        .       -
        .
Parent=Smp_003330.1;Name=5747c9ab-84a4-4273-915a-6ea14d36af7c
SM_V9_1 iris    exon    12612563        12612683        .       -
        .
Parent=Smp_003330.1;Name=f679fde1-8b2d-4ede-83c4-5ae04f20329b
SM_V9_1 iris    CDS     12612202        12612291        .       -
        0       Parent=Smp_003330.1
SM_V9_1 iris    CDS     12612327        12612526        .       -
        2       Parent=Smp_003330.1
SM_V9_1 iris    CDS     12612563        12612614        .       -
        0       Parent=Smp_003330.1
SM_V9_1 Liftoff gene    12623569        12636361        .       +
        .
ID=Smp_341980;geneID=Smp_341980;previous_systematic_id=Smp_123930
SM_V9_1 Liftoff mRNA    12623569        12636361        .       +
        .
ID=Smp_341980.1;Parent=Smp_341980;geneID=Smp_341980;product=Mediator
of RNA polymerase II transcription subunit
21;polypeptide_domain=InterPro:IPR021384 Pfam:PF11221
SM_V9_1 Liftoff exon    12623569        12628283        .       +
        .       Parent=Smp_341980.1
SM_V9_1 Liftoff exon    12629501        12629757        .       +
        .       Parent=Smp_341980.1
SM_V9_1 Liftoff exon    12633474        12636361        .       +
        .       Parent=Smp_341980.1
SM_V9_1 Liftoff CDS     12628106        12628283        .       +
        0       Parent=Smp_341980.1
SM_V9_1 Liftoff CDS     12629501        12629757        .       +
        2       Parent=Smp_341980.1
SM_V9_1 Liftoff CDS     12633474        12633500        .       +
        0       Parent=Smp_341980.1
SM_V9_1 Liftoff gene    12649823        12660205        .       -
        .       ID=Smp_123920;geneID=Smp_123920
SM_V9_1 Liftoff mRNA    12649823        12660205        .       -
        .
ID=Smp_123920.1;Parent=Smp_123920;geneID=Smp_123920;product=Pre-
mRNA-processing ATP-dependent RNA helicase
PRP5;polypeptide_domain=InterPro:IPR000008
SM_V9_1 Liftoff exon    12649823        12650036        .       -
        .       Parent=Smp_123920.1
SM_V9_1 Liftoff exon    12653041        12653201        .       -
        .       Parent=Smp_123920.1
SM_V9_1 Liftoff exon    12656177        12656306        .       -
        .       Parent=Smp_123920.1
SM_V9_1 Liftoff exon    12658770        12660205        .       -
        .       Parent=Smp_123920.1
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SM_V9_1 Liftoff CDS     12650009        12650036        .       -
        1       Parent=Smp_123920.1
SM_V9_1 Liftoff CDS     12653041        12653201        .       -
        0       Parent=Smp_123920.1
SM_V9_1 Liftoff CDS     12656177        12656306        .       -
        1       Parent=Smp_123920.1
SM_V9_1 Liftoff CDS     12658770        12658975        .       -
        0       Parent=Smp_123920.1
SM_V9_1 Liftoff gene    12665689        12676337        .       +
        .       ID=Smp_003300;geneID=Smp_003300
SM_V9_1 Liftoff mRNA    12665689        12676337        .       +
        .
ID=Smp_003300.1;Parent=Smp_003300;geneID=Smp_003300;product=Alpha-1-
antitrypsin-like protein GS55-
MS;polypeptide_domain=InterPro:IPR023796 Pfam:PF00079
SM_V9_1 Liftoff exon    12665689        12665916        .       +
        .       Parent=Smp_003300.1
SM_V9_1 Liftoff exon    12668288        12668595        .       +
        .       Parent=Smp_003300.1
SM_V9_1 Liftoff exon    12670274        12670418        .       +
        .       Parent=Smp_003300.1
SM_V9_1 Liftoff exon    12674450        12674610        .       +
        .       Parent=Smp_003300.1
SM_V9_1 Liftoff exon    12675550        12675784        .       +
        .       Parent=Smp_003300.1
SM_V9_1 Liftoff exon    12675965        12676337        .       +
        .       Parent=Smp_003300.1
SM_V9_1 Liftoff CDS     12665847        12665916        .       +
        0       Parent=Smp_003300.1
SM_V9_1 Liftoff CDS     12668288        12668595        .       +
        2       Parent=Smp_003300.1
SM_V9_1 Liftoff CDS     12670274        12670418        .       +
        0       Parent=Smp_003300.1
SM_V9_1 Liftoff CDS     12674450        12674610        .       +
        2       Parent=Smp_003300.1
SM_V9_1 Liftoff CDS     12675550        12675784        .       +
        0       Parent=Smp_003300.1
SM_V9_1 Liftoff CDS     12675965        12676212        .       +
        2       Parent=Smp_003300.1
SM_V9_1 iris    gene    12683646        12691710        .       +
        .
ID=Smp_123910;geneID=Smp_123910;gene_name=Smp_123910;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_1 iris    mRNA    12683646        12691710        .       +
        .
ID=Smp_123910.1;Parent=Smp_123910;geneID=Smp_123910;gene_name=Smp_12
3910;owner=irisadmin@local.host;orig_id=Smp_123910.1;date_last_modif
ied=2022-07-09;Name=Smp_123910.1;product=Intraflagellar transport
protein 20 homolog;date_creation=2022-07-09
SM_V9_1 iris    exon    12683646        12683830        .       +
        .       Parent=Smp_123910.1;Name=c7204a58-b0e6-4cd5-97c1-
b1d7bb7ebd6f
SM_V9_1 iris    exon    12686388        12686473        .       +
        .       Parent=Smp_123910.1;Name=b1c9b333-
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e9e1-4b9c-868e-077aa5232255
SM_V9_1 iris    exon    12686519        12686622        .       +
        .       Parent=Smp_123910.1;Name=17793a68-0e9b-4504-880c-
a06522a4273d
SM_V9_1 iris    exon    12691548        12691710        .       +
        .       Parent=Smp_123910.1;Name=04dc4738-965a-4249-
bc24-45736984ee36
SM_V9_1 iris    CDS     12683707        12683830        .       +
        0       Parent=Smp_123910.1
SM_V9_1 iris    CDS     12686388        12686473        .       +
        2       Parent=Smp_123910.1
SM_V9_1 iris    CDS     12686519        12686622        .       +
        0       Parent=Smp_123910.1
SM_V9_1 iris    CDS     12691548        12691629        .       +
        1       Parent=Smp_123910.1
SM_V9_1 Liftoff gene    12703371        12704794        .       +
        .       ID=Smp_123900;geneID=Smp_123900
SM_V9_1 Liftoff mRNA    12703371        12704794        .       +
        .
ID=Smp_123900.1;Parent=Smp_123900;geneID=Smp_123900;product=PHD
finger protein 3
SM_V9_1 Liftoff exon    12703371        12703378        .       +
        .       Parent=Smp_123900.1
SM_V9_1 Liftoff exon    12704608        12704794        .       +
        .       Parent=Smp_123900.1
SM_V9_1 Liftoff CDS     12703371        12703378        .       +
        0       Parent=Smp_123900.1
SM_V9_1 Liftoff CDS     12704608        12704794        .       +
        1       Parent=Smp_123900.1
SM_V9_1 Liftoff gene    12709096        12760272        .       +
        .       ID=Smp_003280;geneID=Smp_003280
SM_V9_1 Liftoff mRNA    12709096        12760272        .       +
        .
ID=Smp_003280.1;Parent=Smp_003280;geneID=Smp_003280;product=LIM/
homeobox protein
Lhx9;polypeptide_domain=InterPro:IPR001356,IPR001781,IPR009057,IPR01
7970
Pfam:PF00046,PF00412;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    12709096        12714111        .       +
        .       Parent=Smp_003280.1
SM_V9_1 Liftoff exon    12732869        12733365        .       +
        .       Parent=Smp_003280.1
SM_V9_1 Liftoff exon    12746456        12747162        .       +
        .       Parent=Smp_003280.1
SM_V9_1 Liftoff exon    12750520        12751245        .       +
        .       Parent=Smp_003280.1
SM_V9_1 Liftoff exon    12753834        12754090        .       +
        .       Parent=Smp_003280.1
SM_V9_1 Liftoff exon    12758886        12760272        .       +
        .       Parent=Smp_003280.1
SM_V9_1 Liftoff CDS     12713695        12714111        .       +
        0       Parent=Smp_003280.1
SM_V9_1 Liftoff CDS     12732869        12733365        .       +
        0       Parent=Smp_003280.1
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SM_V9_1 Liftoff CDS     12746456        12747162        .       +
        1       Parent=Smp_003280.1
SM_V9_1 Liftoff CDS     12750520        12751245        .       +
        2       Parent=Smp_003280.1
SM_V9_1 Liftoff CDS     12753834        12754090        .       +
        2       Parent=Smp_003280.1
SM_V9_1 Liftoff CDS     12758886        12759311        .       +
        0       Parent=Smp_003280.1
SM_V9_1 Liftoff gene    12770164        12782000        .       +
        .
ID=Smp_341970;geneID=Smp_341970;previous_systematic_id=Smp_123880
SM_V9_1 Liftoff mRNA    12770164        12782000        .       +
        .
ID=Smp_341970.1;Parent=Smp_341970;geneID=Smp_341970;product=Sphingos
ine 1-phosphate receptor 2
SM_V9_1 Liftoff exon    12770164        12770268        .       +
        .       Parent=Smp_341970.1
SM_V9_1 Liftoff exon    12779240        12779467        .       +
        .       Parent=Smp_341970.1
SM_V9_1 Liftoff exon    12780222        12780275        .       +
        .       Parent=Smp_341970.1
SM_V9_1 Liftoff exon    12781740        12782000        .       +
        .       Parent=Smp_341970.1
SM_V9_1 Liftoff CDS     12770266        12770268        .       +
        0       Parent=Smp_341970.1
SM_V9_1 Liftoff CDS     12779240        12779467        .       +
        0       Parent=Smp_341970.1
SM_V9_1 Liftoff CDS     12780222        12780275        .       +
        0       Parent=Smp_341970.1
SM_V9_1 Liftoff CDS     12781740        12781793        .       +
        0       Parent=Smp_341970.1
SM_V9_1 Liftoff gene    12802119        12806567        .       +
        .       ID=Smp_003250;geneID=Smp_003250
SM_V9_1 Liftoff mRNA    12802119        12806307        .       +
        .
ID=Smp_003250.2;Parent=Smp_003250;geneID=Smp_003250;product=tRNA
(guanine-N(7)-)-methyltransferase non-catalytic subunit TRM82
SM_V9_1 Liftoff exon    12802119        12806031        .       +
        .       Parent=Smp_003250.2
SM_V9_1 Liftoff exon    12806065        12806307        .       +
        .       Parent=Smp_003250.2
SM_V9_1 Liftoff CDS     12805989        12806031        .       +
        0       Parent=Smp_003250.2
SM_V9_1 Liftoff CDS     12806065        12806267        .       +
        2       Parent=Smp_003250.2
SM_V9_1 Liftoff mRNA    12802119        12806567        .       +
        .
ID=Smp_003250.1;Parent=Smp_003250;geneID=Smp_003250;product=COX
assembly mitochondrial protein homolog
SM_V9_1 Liftoff exon    12802119        12806031        .       +
        .       Parent=Smp_003250.1
SM_V9_1 Liftoff exon    12806065        12806263        .       +
        .       Parent=Smp_003250.1
SM_V9_1 Liftoff exon    12806397        12806567        .       +
```

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        .       Parent=Smp_003250.1
SM_V9_1 Liftoff CDS     12805989        12806031        .       +
        0       Parent=Smp_003250.1
SM_V9_1 Liftoff CDS     12806065        12806263        .       +
        2       Parent=Smp_003250.1
SM_V9_1 Liftoff CDS     12806397        12806529        .       +
        1       Parent=Smp_003250.1
SM_V9_1 Liftoff gene    12806600        12817725        .       -
        .       ID=Smp_123870;geneID=Smp_123870
SM_V9_1 Liftoff mRNA    12806600        12817725        .       -
        .
ID=Smp_123870.1;Parent=Smp_123870;geneID=Smp_123870;product=Synaptob
revin-1;polypeptide_domain=InterPro:IPR001388
Pfam:PF00957;Ontology_term=GO:0016021,GO:0016192
SM_V9_1 Liftoff exon    12806600        12807191        .       -
        .       Parent=Smp_123870.1
SM_V9_1 Liftoff exon    12812762        12812780        .       -
        .       Parent=Smp_123870.1
SM_V9_1 Liftoff exon    12815003        12815054        .       -
        .       Parent=Smp_123870.1
SM_V9_1 Liftoff exon    12816293        12816372        .       -
        .       Parent=Smp_123870.1
SM_V9_1 Liftoff exon    12817307        12817482        .       -
        .       Parent=Smp_123870.1
SM_V9_1 Liftoff exon    12817557        12817725        .       -
        .       Parent=Smp_123870.1
SM_V9_1 Liftoff CDS     12807041        12807191        .       -
        1       Parent=Smp_123870.1
SM_V9_1 Liftoff CDS     12812762        12812780        .       -
        2       Parent=Smp_123870.1
SM_V9_1 Liftoff CDS     12815003        12815054        .       -
        0       Parent=Smp_123870.1
SM_V9_1 Liftoff CDS     12816293        12816372        .       -
        2       Parent=Smp_123870.1
SM_V9_1 Liftoff CDS     12817307        12817482        .       -
        1       Parent=Smp_123870.1
SM_V9_1 Liftoff CDS     12817557        12817558        .       -
        0       Parent=Smp_123870.1
SM_V9_1 iris    gene    12827709        12844407        .       +
        .
ID=Smp_003230;geneID=Smp_003230;gene_name=Smp_003230;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    12827709        12844407        .       +
        .
ID=Smp_003230.1;Parent=Smp_003230;geneID=Smp_003230;gene_name=Smp_00
3230;owner=irisadmin@local.host;orig_id=Smp_003230.1;date_last_modif
ied=2022-07-19;Name=Smp_003230.1;product=Endophilin-
B1;date_creation=2022-07-19
SM_V9_1 iris    exon    12827709        12827801        .       +
        .       Parent=Smp_003230.1;Name=f8fa7ac9-eb31-49bf-
a25d-47d017a6a3db
SM_V9_1 iris    exon    12827842        12827983        .       +
        .       Parent=Smp_003230.1;Name=92dc7c96-1bf4-4e1d-85c6-
a9f88b3eef0e
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SM_V9_1 iris    exon    12831326        12831451        .       +
        .       Parent=Smp_003230.1;Name=faceaee5-f84c-4393-
bd6c-40ccb9f6c6f6
SM_V9_1 iris    exon    12836220        12836362        .       +
        .       Parent=Smp_003230.1;Name=6524db25-65a9-4c96-
b621-4dcf37c47590
SM_V9_1 iris    exon    12838493        12838579        .       +
        .       Parent=Smp_003230.1;Name=bb8874db-19f4-4b76-
b60c-470f6c8c77de
SM_V9_1 iris    exon    12840375        12840467        .       +
        .       Parent=Smp_003230.1;Name=d4beaf12-7305-4085-a7c0-
df592570913b
SM_V9_1 iris    exon    12842025        12842158        .       +
        .       Parent=Smp_003230.1;Name=46929df9-2408-4d5c-
a8bf-0cbc68a7916b
SM_V9_1 iris    exon    12844137        12844407        .       +
        .       Parent=Smp_003230.1;Name=97497fce-a93f-4746-
bfff-03bf5a71ee0f
SM_V9_1 iris    CDS     12827745        12827801        .       +
        0       Parent=Smp_003230.1
SM_V9_1 iris    CDS     12827842        12827983        .       +
        0       Parent=Smp_003230.1
SM_V9_1 iris    CDS     12831326        12831451        .       +
        2       Parent=Smp_003230.1
SM_V9_1 iris    CDS     12836220        12836362        .       +
        2       Parent=Smp_003230.1
SM_V9_1 iris    CDS     12838493        12838579        .       +
        0       Parent=Smp_003230.1
SM_V9_1 iris    CDS     12840375        12840467        .       +
        0       Parent=Smp_003230.1
SM_V9_1 iris    CDS     12842025        12842123        .       +
        0       Parent=Smp_003230.1
SM_V9_1 iris    gene    12913420        12950686        .       -
        .
ID=Smp_123860;geneID=Smp_123860;gene_name=Smp_123860;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_1 iris    mRNA    12913420        12950686        .       -
        .
ID=Smp_123860.1;Parent=Smp_123860;geneID=Smp_123860;gene_name=Smp_12
3860;owner=irisadmin@local.host;orig_id=Smp_123860.1;date_last_modif
ied=2022-07-16;Name=Smp_123860.1;product=Neurexin-2;date_creation=20
22-07-16
SM_V9_1 iris    exon    12913420        12914555        .       -
        .       Parent=Smp_123860.1;Name=452fcccf-fb90-4968-a784-
d7ef3b7533c2
SM_V9_1 iris    exon    12916777        12916918        .       -
        .       Parent=Smp_123860.1;Name=01f81e19-ae08-4a7d-982f-
ad92ef29f2e2
SM_V9_1 iris    exon    12920174        12920269        .       -
        .       Parent=Smp_123860.1;Name=253dfa68-2c71-43fe-
a456-3cfca78ac5f9
SM_V9_1 iris    exon    12922059        12922227        .       -
        .       Parent=Smp_123860.1;Name=c4702198-a6b7-497e-
b391-45feb67dc9ec
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SM_V9_1 iris    exon    12925162        12925490        .       -
        .
Parent=Smp_123860.1;Name=a25f5713-5723-4fc5-91d0-07b80d714567
SM_V9_1 iris    exon    12928522        12928861        .       -
        .       Parent=Smp_123860.1;Name=12d543aa-1310-4b09-
a911-90ab1a027274
SM_V9_1 iris    exon    12933012        12933207        .       -
        .       Parent=Smp_123860.1;Name=e048ed4a-e56d-4ba5-83de-
eb43f85db035
SM_V9_1 iris    exon    12936170        12936584        .       -
        .       Parent=Smp_123860.1;Name=db3ceeb6-7925-4c57-
b2c7-273d76197edf
SM_V9_1 iris    exon    12939487        12939586        .       -
        .       Parent=Smp_123860.1;Name=3a443419-
ae8b-4670-8819-420c58186c52
SM_V9_1 iris    exon    12942155        12942381        .       -
        .       Parent=Smp_123860.1;Name=67502f8a-
f1b8-4ec0-9778-0bff4907cc85
SM_V9_1 iris    exon    12950405        12950686        .       -
        .       Parent=Smp_123860.1;Name=1b6f0406-d2fd-4462-
aec5-591b1eb648ca
SM_V9_1 iris    CDS     12913652        12914555        .       -
        1       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12916777        12916918        .       -
        2       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12920174        12920269        .       -
        2       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12922059        12922227        .       -
        0       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12925162        12925490        .       -
        2       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12928522        12928861        .       -
        0       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12933012        12933207        .       -
        1       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12936170        12936584        .       -
        2       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12939487        12939586        .       -
        0       Parent=Smp_123860.1
SM_V9_1 iris    CDS     12942155        12942229        .       -
        0       Parent=Smp_123860.1
SM_V9_1 Liftoff gene    12970016        12983044        .       -
        .       ID=Smp_123850;geneID=Smp_123850
SM_V9_1 Liftoff mRNA    12970016        12983044        .       -
        .
ID=Smp_123850.1;Parent=Smp_123850;geneID=Smp_123850;product=Histone
H2A,
embryonic;polypeptide_domain=InterPro:IPR009072,IPR032458;Ontology_t
erm=GO:0046982
SM_V9_1 Liftoff exon    12970016        12970157        .       -
        .       Parent=Smp_123850.1
SM_V9_1 Liftoff exon    12982923        12983044        .       -
        .       Parent=Smp_123850.1
SM_V9_1 Liftoff CDS     12970016        12970157        .       -
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        1       Parent=Smp_123850.1
SM_V9_1 Liftoff CDS     12982923        12983044        .       -
        0       Parent=Smp_123850.1
SM_V9_1 Liftoff gene    13025711        13059716        .       -
        .       ID=Smp_123840;geneID=Smp_123840
SM_V9_1 Liftoff mRNA    13025711        13059716        .       -
        .
ID=Smp_123840.1;Parent=Smp_123840;geneID=Smp_123840;product=Neurexin
-3;polypeptide_domain=InterPro:IPR000742,IPR001791,IPR013320
Pfam:PF02210
SM_V9_1 Liftoff exon    13025711        13027093        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13029112        13029253        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13036452        13036547        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13038946        13039114        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13041453        13041727        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13043779        13044109        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13045868        13046063        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13049532        13049949        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13052662        13052761        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff exon    13055472        13059716        .       -
        .       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13026259        13027093        .       -
        1       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13029112        13029253        .       -
        2       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13036452        13036547        .       -
        2       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13038946        13039114        .       -
        0       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13041453        13041727        .       -
        2       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13043779        13044109        .       -
        0       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13045868        13046063        .       -
        1       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13049532        13049949        .       -
        2       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13052662        13052761        .       -
        0       Parent=Smp_123840.1
SM_V9_1 Liftoff CDS     13055472        13055489        .       -
        0       Parent=Smp_123840.1
SM_V9_1 iris    gene    13089725        13094993        .       +
        .
ID=Smp_003190;geneID=Smp_003190;gene_name=Smp_003190;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
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SM_V9_1 iris    mRNA    13089725        13094993        .       +
       .
ID=Smp_003190.1;Parent=Smp_003190;geneID=Smp_003190;gene_name=Smp_00
3190;owner=irisadmin@local.host;orig_id=Smp_003190.1;date_last_modif
ied=2022-07-10;Name=Smp_003190.1;product=E3 ubiquitin-protein ligase
HACE1;date_creation=2022-07-10
SM_V9_1 iris    exon    13089725        13089877        .       +
       .       Parent=Smp_003190.1;Name=9e08449e-4da9-483e-bd8a-
b15053e5e9b1
SM_V9_1 iris    exon    13092680        13092920        .       +
       .       Parent=Smp_003190.1;Name=7f264576-f8c3-43a7-
b4d0-9fa556db35ea
SM_V9_1 iris    exon    13092993        13093091        .       +
       .
Parent=Smp_003190.1;Name=e2078d5c-7b6e-4990-8feb-44de35cbce03
SM_V9_1 iris    exon    13093142        13093257        .       +
       .       Parent=Smp_003190.1;Name=ce9a5041-0bd6-402e-
a76f-348b53d7a372
SM_V9_1 iris    exon    13094691        13094993        .       +
       .       Parent=Smp_003190.1;Name=b56a1bbf-
f0cf-4da8-8502-7001104158b0
SM_V9_1 iris    CDS     13092722        13092920        .       +
       0       Parent=Smp_003190.1
SM_V9_1 iris    CDS     13092993        13093091        .       +
       2       Parent=Smp_003190.1
SM_V9_1 iris    CDS     13093142        13093257        .       +
       2       Parent=Smp_003190.1
SM_V9_1 iris    CDS     13094691        13094888        .       +
       0       Parent=Smp_003190.1
SM_V9_1 Liftoff gene    13099289        13148136        .       -
       .       ID=Smp_123830;geneID=Smp_123830
SM_V9_1 Liftoff mRNA    13099289        13148136        .       -
       .
ID=Smp_123830.1;Parent=Smp_123830;geneID=Smp_123830;product=Collagen
alpha-1(XXIV)
chain;polypeptide_domain=InterPro:IPR000885,IPR001791,IPR008160,IPR0
13320 Pfam:PF01391,PF01410,PF02210;Ontology_term=GO:0005201
SM_V9_1 Liftoff exon    13099289        13099781        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13100772        13101068        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13103231        13103320        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13105208        13105316        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13107062        13107221        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13109495        13109629        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13110066        13110318        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13110415        13110468        .       -
       .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13110556        13110879        .       -
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        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13111043        13111366        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13111906        13112067        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13112155        13112323        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13112427        13112671        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13113333        13113548        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13113848        13114153        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13114926        13115213        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13117458        13117709        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13118154        13118378        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13120163        13120327        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13121720        13121863        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13123241        13123294        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13124589        13124615        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13130246        13130365        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13131017        13131182        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13133363        13133564        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13137383        13137547        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff exon    13147674        13148136        .       -
        .       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13099632        13099781        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13100772        13101068        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13103231        13103320        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13105208        13105316        .       -
        1       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13107062        13107221        .       -
        2       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13109495        13109629        .       -
        2       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13110066        13110318        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13110415        13110468        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13110556        13110879        .       -
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        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13111043        13111366        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13111906        13112067        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13112155        13112323        .       -
        1       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13112427        13112671        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13113333        13113548        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13113848        13114153        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13114926        13115213        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13117458        13117709        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13118154        13118378        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13120163        13120327        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13121720        13121863        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13123241        13123294        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13124589        13124615        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13130246        13130365        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13131017        13131182        .       -
        1       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13133363        13133564        .       -
        2       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13137383        13137547        .       -
        2       Parent=Smp_123830.1
SM_V9_1 Liftoff CDS     13147674        13147860        .       -
        0       Parent=Smp_123830.1
SM_V9_1 Liftoff gene    13174170        13249272        .       +
        .       ID=Smp_123820;geneID=Smp_123820
SM_V9_1 Liftoff mRNA    13174170        13249272        .       +
        .
ID=Smp_123820.1;Parent=Smp_123820;geneID=Smp_123820;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    13174170        13174722        .       +
        .       Parent=Smp_123820.1
SM_V9_1 Liftoff exon    13200933        13201008        .       +
        .       Parent=Smp_123820.1
SM_V9_1 Liftoff exon    13234511        13235011        .       +
        .       Parent=Smp_123820.1
SM_V9_1 Liftoff exon    13238488        13238803        .       +
        .       Parent=Smp_123820.1
SM_V9_1 Liftoff exon    13242243        13243148        .       +
        .       Parent=Smp_123820.1
SM_V9_1 Liftoff exon    13245380        13246036        .       +
```

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        .       Parent=Smp_123820.1
SM_V9_1 Liftoff exon    13248329        13248719        .       +
        .       Parent=Smp_123820.1
SM_V9_1 Liftoff exon    13249013        13249272        .       +
        .       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13174380        13174722        .       +
        0       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13200933        13201008        .       +
        2       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13234511        13235011        .       +
        1       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13238488        13238803        .       +
        1       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13242243        13243148        .       +
        0       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13245380        13246036        .       +
        0       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13248329        13248719        .       +
        0       Parent=Smp_123820.1
SM_V9_1 Liftoff CDS     13249013        13249065        .       +
        2       Parent=Smp_123820.1
SM_V9_1 Liftoff mRNA    13174170        13249272        .       +
        .
ID=Smp_123820.2;Parent=Smp_123820;geneID=Smp_123820;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    13174170        13174722        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13176518        13176558        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13189040        13189118        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13200933        13201008        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13234511        13235011        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13238488        13238803        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13242243        13243148        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13245380        13246036        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13248329        13248719        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff exon    13249013        13249272        .       +
        .       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13174380        13174722        .       +
        0       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13176518        13176558        .       +
        2       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13189040        13189118        .       +
        0       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13200933        13201008        .       +
        2       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13234511        13235011        .       +
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        1       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13238488        13238803        .       +
        1       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13242243        13243148        .       +
        0       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13245380        13246036        .       +
        0       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13248329        13248719        .       +
        0       Parent=Smp_123820.2
SM_V9_1 Liftoff CDS     13249013        13249065        .       +
        2       Parent=Smp_123820.2
SM_V9_1 Liftoff gene    13263350        13266854        .       +
        .       ID=Smp_123810;geneID=Smp_123810
SM_V9_1 Liftoff mRNA    13263350        13266854        .       +
        .
ID=Smp_123810.1;Parent=Smp_123810;geneID=Smp_123810;product=Interfer
on regulatory factor 2-binding protein 2-
B;polypeptide_domain=InterPro:IPR022750 Pfam:PF11261
SM_V9_1 Liftoff exon    13263350        13266854        .       +
        .       Parent=Smp_123810.1
SM_V9_1 Liftoff CDS     13263562        13266639        .       +
        0       Parent=Smp_123810.1
SM_V9_1 Liftoff gene    13304600        13326956        .       -
        .       ID=Smp_003140;geneID=Smp_003140
SM_V9_1 Liftoff mRNA    13304600        13326946        .       -
        .
ID=Smp_003140.1;Parent=Smp_003140;geneID=Smp_003140;product=Sorting
nexin-32;polypeptide_domain=InterPro:IPR001683,IPR014637,IPR015404
Pfam:PF00787,PF09325;Ontology_term=GO:0035091
SM_V9_1 Liftoff exon    13304600        13305793        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13307371        13307456        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13308910        13309156        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13311351        13311390        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13313492        13313745        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13315337        13315493        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13319606        13319727        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13323869        13323979        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff exon    13324894        13326946        .       -
        .       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13305731        13305793        .       -
        0       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13307371        13307456        .       -
        2       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13308910        13309156        .       -
        0       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13311351        13311390        .       -
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        1       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13313492        13313745        .       -
        0       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13315337        13315493        .       -
        1       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13319606        13319727        .       -
        0       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13323869        13323979        .       -
        0       Parent=Smp_003140.1
SM_V9_1 Liftoff CDS     13324894        13324935        .       -
        0       Parent=Smp_003140.1
SM_V9_1 Liftoff mRNA    13304600        13326956        .       -
        .
ID=Smp_003140.2;Parent=Smp_003140;geneID=Smp_003140;product=Sorting
nexin-32;polypeptide_domain=InterPro:IPR001683,IPR014637,IPR015404
Pfam:PF00787,PF09325;Ontology_term=GO:0035091
SM_V9_1 Liftoff exon    13304600        13305793        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13307371        13307456        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13308910        13309156        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13311351        13311390        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13313492        13313745        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13315337        13315493        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13319606        13319727        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13323869        13323979        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13324894        13325088        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff exon    13326924        13326956        .       -
        .       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13305731        13305793        .       -
        0       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13307371        13307456        .       -
        2       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13308910        13309156        .       -
        0       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13311351        13311390        .       -
        1       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13313492        13313745        .       -
        0       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13315337        13315493        .       -
        1       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13319606        13319727        .       -
        0       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13323869        13323979        .       -
        0       Parent=Smp_003140.2
SM_V9_1 Liftoff CDS     13324894        13325088        .       -
        0       Parent=Smp_003140.2
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SM_V9_1 Liftoff CDS     13326924        13326926        .       -
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SM_V9_1 Liftoff gene    13336601        13345126        .       -
        .       ID=Smp_003130;geneID=Smp_003130
SM_V9_1 Liftoff mRNA    13336601        13345126        .       -
        .
ID=Smp_003130.1;Parent=Smp_003130;geneID=Smp_003130;product=Uridine
diphosphate glucose
pyrophosphatase;polypeptide_domain=InterPro:IPR004385,IPR015797;Onto
logy_term=GO:0016787,GO:0016818,GO:0046872
SM_V9_1 Liftoff exon    13336601        13337578        .       -
        .       Parent=Smp_003130.1
SM_V9_1 Liftoff exon    13341189        13341423        .       -
        .       Parent=Smp_003130.1
SM_V9_1 Liftoff exon    13342970        13343034        .       -
        .       Parent=Smp_003130.1
SM_V9_1 Liftoff exon    13343067        13343110        .       -
        .       Parent=Smp_003130.1
SM_V9_1 Liftoff exon    13344821        13345126        .       -
        .       Parent=Smp_003130.1
SM_V9_1 Liftoff CDS     13337317        13337578        .       -
        1       Parent=Smp_003130.1
SM_V9_1 Liftoff CDS     13341189        13341423        .       -
        2       Parent=Smp_003130.1
SM_V9_1 Liftoff CDS     13342970        13343034        .       -
        1       Parent=Smp_003130.1
SM_V9_1 Liftoff CDS     13343067        13343110        .       -
        0       Parent=Smp_003130.1
SM_V9_1 Liftoff CDS     13344821        13344907        .       -
        0       Parent=Smp_003130.1
SM_V9_1 iris    gene    13357425        13486800        .       +
        .
ID=Smp_245815;geneID=Smp_245815;gene_name=Smp_245815;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_1 iris    mRNA    13357425        13486800        .       +
        .
ID=Smp_245815.1;Parent=Smp_245815;geneID=Smp_245815;gene_name=Smp_24
5815;owner=irisadmin@local.host;orig_id=Smp_245810.1;date_last_modif
ied=2022-07-10;Name=Smp_245815.1;date_creation=2022-07-10
SM_V9_1 iris    exon    13357425        13357728        .       +
        .       Parent=Smp_245815.1;Name=Smp_245815.1-CDS
SM_V9_1 iris    exon    13398452        13398895        .       +
        .       Parent=Smp_245815.1;Name=d6ae615c-c64a-4794-
a68f-57bcb00c8354
SM_V9_1 iris    exon    13422737        13423061        .       +
        .       Parent=Smp_245815.1;Name=18f9c665-b170-4137-
b71c-74ccc93a6c84
SM_V9_1 iris    exon    13443564        13443963        .       +
        .       Parent=Smp_245815.1;Name=4bf2ca44-5751-41a9-bb27-
abc6c26474d0
SM_V9_1 iris    exon    13459168        13459336        .       +
        .       Parent=Smp_245815.1;Name=12ebf117-
ffcf-4230-8e95-9dac4982a40c
SM_V9_1 iris    exon    13466095        13466222        .       +
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        .       Parent=Smp_245815.1;Name=6366c70c-37d6-477b-bafc-
de7f71ba3a30
SM_V9_1 iris    exon    13468957        13469109        .       +
        .       Parent=Smp_245815.1;Name=b8136583-37ce-4f11-aef0-
cd500688d488
SM_V9_1 iris    exon    13471967        13472085        .       +
        .       Parent=Smp_245815.1;Name=a702446e-3d2c-4715-8202-
d2f20fec6a93
SM_V9_1 iris    exon    13475095        13475347        .       +
        .       Parent=Smp_245815.1;Name=40a57c3a-
e47d-4512-9067-1de9cc90e1d4
SM_V9_1 iris    exon    13477802        13478003        .       +
        .       Parent=Smp_245815.1;Name=4104ba74-43aa-42e4-bb3f-
e6584a081cdc
SM_V9_1 iris    exon    13480946        13481190        .       +
        .
Parent=Smp_245815.1;Name=d028dd37-1e97-4d37-84ac-3a8a1fdc16be
SM_V9_1 iris    exon    13483302        13483464        .       +
        .       Parent=Smp_245815.1;Name=0079467b-
bffe-40c9-928e-3054549f50b0
SM_V9_1 iris    exon    13485142        13486800        .       +
        .
Parent=Smp_245815.1;Name=cba1f36b-6341-4dab-8015-58d4348812b8
SM_V9_1 iris    CDS     13357554        13357728        .       +
        0       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13398452        13398895        .       +
        2       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13422737        13423061        .       +
        2       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13443564        13443963        .       +
        1       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13459168        13459336        .       +
        0       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13466095        13466222        .       +
        2       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13468957        13469109        .       +
        0       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13471967        13472085        .       +
        0       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13475095        13475347        .       +
        1       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13477802        13478003        .       +
        0       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13480946        13481190        .       +
        2       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13483302        13483464        .       +
        0       Parent=Smp_245815.1
SM_V9_1 iris    CDS     13485142        13485506        .       +
        2       Parent=Smp_245815.1
SM_V9_1 iris    gene    13399455        13411129        .       -
        .
ID=Smp_245810;geneID=Smp_245810;gene_name=Smp_245810;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_1 iris    mRNA    13399455        13411129        .       -
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ID=Smp_245810.1;Parent=Smp_245810;geneID=Smp_245810;gene_name=Smp_24
5810;owner=irisadmin@local.host;orig_id=Smp_245810.1;date_last_modif
ied=2022-07-18;Name=Smp_245810.1;product=Corticosteroid-binding
globulin;date_creation=2022-07-10
SM_V9_1 iris    exon    13399455        13399568        .       -
        .       Parent=Smp_245810.1;Name=3746e1de-d669-4c84-
b7dd-52353d21a777
SM_V9_1 iris    exon    13401185        13402810        .       -
        .       Parent=Smp_245810.1;Name=23fe50b4-a90c-444c-80c5-
ad827241a7ee
SM_V9_1 iris    exon    13403841        13405466        .       -
        .       Parent=Smp_245810.1;Name=6b70ff2d-8a4e-4094-ac66-
fe6f13216d9f
SM_V9_1 iris    exon    13406497        13408122        .       -
        .       Parent=Smp_245810.1;Name=7387237e-ffde-4c3f-
a7b8-6405ae2864c6
SM_V9_1 iris    exon    13409153        13411129        .       -
        .
Parent=Smp_245810.1;Name=e2230749-6ef3-481b-9e77-2f14d8c92384
SM_V9_1 iris    CDS     13399514        13399568        .       -
        1       Parent=Smp_245810.1
SM_V9_1 iris    CDS     13401185        13402810        .       -
        1       Parent=Smp_245810.1
SM_V9_1 iris    CDS     13403841        13405466        .       -
        1       Parent=Smp_245810.1
SM_V9_1 iris    CDS     13406497        13408122        .       -
        1       Parent=Smp_245810.1
SM_V9_1 iris    CDS     13409153        13410879        .       -
        0       Parent=Smp_245810.1
SM_V9_1 iris    gene    13490049        13524278        .       -
        .
ID=Smp_245820;geneID=Smp_245820;gene_name=Smp_245820;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_1 iris    mRNA    13490049        13524278        .       -
        .
ID=Smp_245820.1;Parent=Smp_245820;geneID=Smp_245820;gene_name=Smp_24
5820;owner=irisadmin@local.host;orig_id=Smp_245820.2;date_last_modif
ied=2022-07-16;Name=Smp_245820.1;product=Immunoglobulin-
like;date_creation=2022-07-16
SM_V9_1 iris    exon    13490049        13491464        .       -
        .       Parent=Smp_245820.1;Name=c974fe6d-2304-4c7b-a20d-
ff961e7541e6
SM_V9_1 iris    exon    13496589        13496819        .       -
        .       Parent=Smp_245820.1;Name=a8bc194e-7162-4c74-
b86a-184aab45ca16
SM_V9_1 iris    exon    13497488        13497598        .       -
        .       Parent=Smp_245820.1;Name=cff0c4dc-f36d-4aea-
a043-6db2a8c600d5
SM_V9_1 iris    exon    13499028        13499269        .       -
        .       Parent=Smp_245820.1;Name=824cae7a-b845-457f-9b5c-
d25de641f6d1
SM_V9_1 iris    exon    13500461        13500574        .       -
        .       Parent=Smp_245820.1;Name=34ddcb82-650a-4833-
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a971-53bd7b775fc0
SM_V9_1 iris    exon    13504518        13504713        .       -
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a658-6d47fb6dfa05
SM_V9_1 iris    exon    13506999        13507170        .       -
        .       Parent=Smp_245820.1;Name=9550c982-7bce-42cd-b981-
a483ff6b51a3
SM_V9_1 iris    exon    13509192        13509293        .       -
        .       Parent=Smp_245820.1;Name=15f00e58-98f6-4677-
accc-23f3bab52f44
SM_V9_1 iris    exon    13510142        13510280        .       -
        .       Parent=Smp_245820.1;Name=588519e0-6f52-404f-9a9c-
eb0ff0479077
SM_V9_1 iris    exon    13513439        13513725        .       -
        .       Parent=Smp_245820.1;Name=1a809393-9ddf-4aec-
bcac-6be9f77f1cc8
SM_V9_1 iris    exon    13516030        13516168        .       -
        .       Parent=Smp_245820.1;Name=e0051307-3cd6-487a-
bfec-60a8bfdfd96a
SM_V9_1 iris    exon    13517901        13518087        .       -
        .       Parent=Smp_245820.1;Name=355574b0-
b64b-4008-9f3e-7af8dea5eac3
SM_V9_1 iris    exon    13522889        13524278        .       -
        .       Parent=Smp_245820.1;Name=a5fee3e4-2d6d-4d7f-b525-
f8ed3d653a7b
SM_V9_1 iris    CDS     13491384        13491464        .       -
        0       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13496589        13496819        .       -
        0       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13497488        13497598        .       -
        0       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13499028        13499269        .       -
        2       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13500461        13500574        .       -
        2       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13504518        13504713        .       -
        0       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13506999        13507170        .       -
        1       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13509192        13509293        .       -
        1       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13510142        13510280        .       -
        2       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13513439        13513725        .       -
        1       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13516030        13516168        .       -
        2       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13517901        13518087        .       -
        0       Parent=Smp_245820.1
SM_V9_1 iris    CDS     13522889        13524082        .       -
        0       Parent=Smp_245820.1
SM_V9_1 iris    mRNA    13490049        13524278        .       -
        .
ID=Smp_245820.2;Parent=Smp_245820;geneID=Smp_245820;gene_name=Smp_24
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5820;owner=irisadmin@local.host;orig_id=Smp_245820.1;date_last_modif
ied=2022-07-16;Name=Smp_245820.2;product=Titin;date_creation=2022-07
-16
SM_V9_1 iris    exon    13490049        13491464        .       -
        .       Parent=Smp_245820.2;Name=8784540b-b921-489c-a428-
a90587de9cb3
SM_V9_1 iris    exon    13495341        13495370        .       -
        .       Parent=Smp_245820.2;Name=945c80c0-8961-45b8-
b475-6021065c8c9f
SM_V9_1 iris    exon    13496589        13496819        .       -
        .       Parent=Smp_245820.2;Name=6b712c32-c22f-4a5e-b26a-
b93bd8e8fc3e
SM_V9_1 iris    exon    13497488        13497598        .       -
        .       Parent=Smp_245820.2;Name=a4a9e016-3572-4bba-
ae1f-7abf42c04d95
SM_V9_1 iris    exon    13499028        13499269        .       -
        .       Parent=Smp_245820.2;Name=596c90ee-f9b9-4e3a-
a1e9-1b2c52565386
SM_V9_1 iris    exon    13500461        13500574        .       -
        .       Parent=Smp_245820.2;Name=88dac78f-f835-42d3-a895-
d39e139764e1
SM_V9_1 iris    exon    13504518        13504713        .       -
        .       Parent=Smp_245820.2;Name=91fbe85f-51d8-417c-
b76f-96cc65148f2b
SM_V9_1 iris    exon    13506999        13507170        .       -
        .       Parent=Smp_245820.2;Name=1fe34b9d-364c-4cf0-80f6-
e7b81a592f44
SM_V9_1 iris    exon    13509192        13509293        .       -
        .       Parent=Smp_245820.2;Name=f371434b-a0f9-4b6a-
ad44-2209f187c2a9
SM_V9_1 iris    exon    13510142        13510280        .       -
        .       Parent=Smp_245820.2;Name=f3585403-a0f8-4bd5-
aa37-6d84eff1d438
SM_V9_1 iris    exon    13513439        13513725        .       -
        .       Parent=Smp_245820.2;Name=6506fb66-cc80-49aa-b382-
b444d8bb2d72
SM_V9_1 iris    exon    13516030        13516168        .       -
        .       Parent=Smp_245820.2;Name=a2a9dd04-
af5c-4275-9057-4f3b17cf4429
SM_V9_1 iris    exon    13517901        13518087        .       -
        .       Parent=Smp_245820.2;Name=df7f4a5a-9ce0-4fc3-b620-
f6283eda231b
SM_V9_1 iris    exon    13522889        13524278        .       -
        .       Parent=Smp_245820.2;Name=e610c881-d974-495e-8f70-
f8fd6b70539b
SM_V9_1 iris    CDS     13495362        13495370        .       -
        0       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13496589        13496819        .       -
        0       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13497488        13497598        .       -
        0       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13499028        13499269        .       -
        2       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13500461        13500574        .       -
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        2       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13504518        13504713        .       -
        0       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13506999        13507170        .       -
        1       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13509192        13509293        .       -
        1       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13510142        13510280        .       -
        2       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13513439        13513725        .       -
        1       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13516030        13516168        .       -
        2       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13517901        13518087        .       -
        0       Parent=Smp_245820.2
SM_V9_1 iris    CDS     13522889        13524082        .       -
        0       Parent=Smp_245820.2
SM_V9_1 iris    gene    13538589        13586124        .       -
        .
ID=Smp_197070;geneID=Smp_197070;gene_name=Smp_197070;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    13538589        13586124        .       -
        .
ID=Smp_197070.1;Parent=Smp_197070;geneID=Smp_197070;gene_name=Smp_19
7070;owner=irisadmin@local.host;orig_id=Smp_197070.1;date_last_modif
ied=2022-08-27;Name=Smp_197070.1;product=Kinesin-like protein
KIF6;date_creation=2022-08-27
SM_V9_1 iris    exon    13538589        13538970        .       -
        .       Parent=Smp_197070.1;Name=3685b0a7-e76f-4112-855c-
c0e336ed74c1
SM_V9_1 iris    exon    13544833        13544896        .       -
        .       Parent=Smp_197070.1;Name=53052f06-0712-44cb-
bf41-397fbe1a336e
SM_V9_1 iris    exon    13545592        13545911        .       -
        .       Parent=Smp_197070.1;Name=19a06e31-2eeb-42ea-ae19-
e7553de7715d
SM_V9_1 iris    exon    13546309        13546467        .       -
        .       Parent=Smp_197070.1;Name=5f409bb2-fc81-4851-8789-
e06ed49e920c
SM_V9_1 iris    exon    13560729        13561040        .       -
        .       Parent=Smp_197070.1;Name=4eee1844-ba5e-4d38-ba97-
f2e10e27f44e
SM_V9_1 iris    exon    13561936        13562074        .       -
        .       Parent=Smp_197070.1;Name=6eb93e82-4897-4e4a-be41-
ab0e57dc1bd3
SM_V9_1 iris    exon    13565327        13565444        .       -
        .
Parent=Smp_197070.1;Name=16f31c9f-4ee0-4629-86b7-40ef32ff2e10
SM_V9_1 iris    exon    13566785        13566975        .       -
        .
Parent=Smp_197070.1;Name=762b5b28-5318-4664-916c-757d8c8f1d7a
SM_V9_1 iris    exon    13568396        13568539        .       -
        .       Parent=Smp_197070.1;Name=ea2797f7-029d-4b5f-89d7-
f2fcc9abbb87
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SM_V9_1 iris    exon    13570037        13570124        .       -
        .       Parent=Smp_197070.1;Name=42da831f-f0b9-4012-
ba8a-93e7ec7f1482
SM_V9_1 iris    exon    13572183        13572301        .       -
        .       Parent=Smp_197070.1;Name=20fe3d9c-7f8a-4bdc-
b04e-0a0bc2bef209
SM_V9_1 iris    exon    13574439        13574571        .       -
        .       Parent=Smp_197070.1;Name=1b7de849-6294-4838-8cb5-
dcc1715bd9a6
SM_V9_1 iris    exon    13578322        13578437        .       -
        .       Parent=Smp_197070.1;Name=9acdd9ef-1eb2-4697-
b81c-7f3aabf4e439
SM_V9_1 iris    exon    13581797        13581944        .       -
        .       Parent=Smp_197070.1;Name=1d41ffc2-9649-4729-ab82-
ea6924afc625
SM_V9_1 iris    exon    13583591        13583817        .       -
        .       Parent=Smp_197070.1;Name=a09b3470-e35f-4f7c-914d-
fd6d76530eac
SM_V9_1 iris    exon    13583866        13583964        .       -
        .
Parent=Smp_197070.1;Name=b837047a-1f8c-4622-8476-8e5f114c9c5d
SM_V9_1 iris    exon    13585795        13585888        .       -
        .
Parent=Smp_197070.1;Name=33122033-5579-47b3-9406-6b85d79669a7
SM_V9_1 iris    exon    13585929        13586004        .       -
        .       Parent=Smp_197070.1;Name=ca18aaeb-
cd30-49c1-9ff4-5b7037f0925b
SM_V9_1 iris    exon    13586041        13586124        .       -
        .       Parent=Smp_197070.1;Name=dcae7485-484f-47f1-
b1b4-22d1ea277f1f
SM_V9_1 iris    CDS     13538750        13538970        .       -
        2       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13544833        13544896        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13545592        13545911        .       -
        2       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13546309        13546467        .       -
        2       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13560729        13561040        .       -
        2       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13561936        13562074        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13565327        13565444        .       -
        1       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13566785        13566975        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13568396        13568539        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13570037        13570124        .       -
        1       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13572183        13572301        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13574439        13574571        .       -
        1       Parent=Smp_197070.1
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SM_V9_1 iris    CDS     13578322        13578437        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13581797        13581944        .       -
        1       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13583591        13583817        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    CDS     13583866        13583931        .       -
        0       Parent=Smp_197070.1
SM_V9_1 iris    non_canonical_five_prime_splice_site    13586039
        13586039        .       -       .       ID=Smp_197070.1-
non_canonical_five_prime_splice_site-13586038;Name=Smp_197070.1-
non_canonical_five_prime_splice_site-13586038
SM_V9_1 Liftoff gene    13599243        13616997        .       +
        .
ID=Smp_213710;geneID=Smp_213710;previous_systematic_id=Smp_123750
SM_V9_1 Liftoff mRNA    13599243        13616997        .       +
        .
ID=Smp_213710.1;Parent=Smp_213710;geneID=Smp_213710;product=U2 small
nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related
protein
2;polypeptide_domain=InterPro:IPR000504,IPR000571,IPR009145;Ontology
_term=GO:0000398,GO:0003676,GO:0003723,GO:0046872,GO:0089701
SM_V9_1 Liftoff exon    13599243        13607062        .       +
        .       Parent=Smp_213710.1
SM_V9_1 Liftoff exon    13607681        13607847        .       +
        .       Parent=Smp_213710.1
SM_V9_1 Liftoff exon    13610322        13610509        .       +
        .       Parent=Smp_213710.1
SM_V9_1 Liftoff exon    13611263        13611544        .       +
        .       Parent=Smp_213710.1
SM_V9_1 Liftoff exon    13614295        13614475        .       +
        .       Parent=Smp_213710.1
SM_V9_1 Liftoff exon    13616293        13616997        .       +
        .       Parent=Smp_213710.1
SM_V9_1 Liftoff CDS     13607054        13607062        .       +
        0       Parent=Smp_213710.1
SM_V9_1 Liftoff CDS     13607681        13607847        .       +
        0       Parent=Smp_213710.1
SM_V9_1 Liftoff CDS     13610322        13610509        .       +
        1       Parent=Smp_213710.1
SM_V9_1 Liftoff CDS     13611263        13611544        .       +
        2       Parent=Smp_213710.1
SM_V9_1 Liftoff CDS     13614295        13614475        .       +
        2       Parent=Smp_213710.1
SM_V9_1 Liftoff CDS     13616293        13616629        .       +
        1       Parent=Smp_213710.1
SM_V9_1 Liftoff mRNA    13599243        13616997        .       +
        .
ID=Smp_213710.2;Parent=Smp_213710;geneID=Smp_213710;product=U2 small
nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related
protein
1;polypeptide_domain=InterPro:IPR000504,IPR000571,IPR009145;Ontology
_term=GO:0000398,GO:0003676,GO:0003723,GO:0046872,GO:0089701
SM_V9_1 Liftoff exon    13599243        13601582        .       +
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        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13601621        13601712        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13601749        13601833        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13601867        13601975        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13606014        13606085        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13607681        13607847        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13610322        13610509        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13611263        13611544        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13614295        13614475        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff exon    13616293        13616997        .       +
        .       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13601563        13601582        .       +
        0       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13601621        13601712        .       +
        1       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13601749        13601833        .       +
        2       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13601867        13601975        .       +
        1       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13606014        13606085        .       +
        0       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13607681        13607847        .       +
        0       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13610322        13610509        .       +
        1       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13611263        13611544        .       +
        2       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13614295        13614475        .       +
        2       Parent=Smp_213710.2
SM_V9_1 Liftoff CDS     13616293        13616629        .       +
        1       Parent=Smp_213710.2
SM_V9_1 iris    gene    13619197        13634280        .       +
        .
ID=Smp_213720;geneID=Smp_213720;gene_name=Smp_213720;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-07-16
SM_V9_1 iris    mRNA    13619197        13634280        .       +
        .
ID=Smp_213720.1;Parent=Smp_213720;geneID=Smp_213720;gene_name=Smp_21
3720;owner=irisadmin@local.host;orig_id=Smp_213720.1;date_last_modif
ied=2022-08-27;Name=Smp_213720.1;product=Kynurenine--oxoglutarate
transaminase 3;date_creation=2022-07-16
SM_V9_1 iris    exon    13619197        13619288        .       +
        .
Parent=Smp_213720.1;Name=d1d41c25-7c5b-4a12-92b5-9ef6e34fc07d
SM_V9_1 iris    exon    13620570        13620621        .       +
        .       Parent=Smp_213720.1;Name=188fe1ae-2e04-4adc-
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b46d-948961354eb8
SM_V9_1 iris    exon    13621828        13621929        .       +
        .       Parent=Smp_213720.1;Name=2f5800b5-2379-41d0-
be1d-700890771393
SM_V9_1 iris    exon    13623152        13623448        .       +
        .       Parent=Smp_213720.1;Name=9f93cd59-2ae1-4826-
b2c6-5b7bb883bc20
SM_V9_1 iris    exon    13624504        13624629        .       +
        .       Parent=Smp_213720.1;Name=e6afb31e-1303-425a-
bf46-72b74d09de3f
SM_V9_1 iris    exon    13625587        13625707        .       +
        .       Parent=Smp_213720.1;Name=0db2d977-
eeb8-4127-8528-80a15b01ca15
SM_V9_1 iris    exon    13627189        13627355        .       +
        .
Parent=Smp_213720.1;Name=f2398ac8-9a34-41b6-9960-614d7cf719ad
SM_V9_1 iris    exon    13627765        13627951        .       +
        .       Parent=Smp_213720.1;Name=c8fb4e4c-3c34-4285-9ba4-
a0acd9433d5d
SM_V9_1 iris    exon    13628586        13628665        .       +
        .       Parent=Smp_213720.1;Name=a2a42e2c-53cf-419d-
bf84-456c60a1074d
SM_V9_1 iris    exon    13631228        13631314        .       +
        .       Parent=Smp_213720.1;Name=6f0ab611-bb97-40cf-
a6a2-421f21d3c7d6
SM_V9_1 iris    exon    13633940        13634280        .       +
        .       Parent=Smp_213720.1;Name=e97cc673-eff9-487b-8cc6-
ba053a32802b
SM_V9_1 iris    CDS     13619242        13619288        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13620570        13620621        .       +
        1       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13621828        13621929        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13623152        13623448        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13624504        13624629        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13625587        13625707        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13627189        13627355        .       +
        2       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13627765        13627951        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13628586        13628665        .       +
        2       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13631228        13631314        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    CDS     13633940        13633987        .       +
        0       Parent=Smp_213720.1
SM_V9_1 iris    gene    13648971        13650465        .       +
        .
ID=Smp_200440;geneID=Smp_200440;gene_name=Smp_200440;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-16
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SM_V9_1 iris    mRNA    13648971        13650465        .       +
       .
ID=Smp_200440.1;Parent=Smp_200440;geneID=Smp_200440;gene_name=Smp_20
0440;owner=irisadmin@local.host;orig_id=Smp_200440.1;date_last_modif
ied=2022-07-16;Name=Smp_200440.1;product=tRNA 5-methylaminomethyl-2-
thiouridine biosynthesis bifunctional protein
MnmC;date_creation=2022-07-16
SM_V9_1 iris    exon    13648971        13650465        .       +
       .       Parent=Smp_200440.1;Name=f350fba2-3d42-45c4-b374-
e6a5d6be9183
SM_V9_1 iris    CDS     13649173        13649634        .       +
       0       Parent=Smp_200440.1
SM_V9_1 iris    gene    13770489        13808898        .       -
       .
ID=Smp_073800;geneID=Smp_073800;gene_name=Smp_073800;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    13770489        13808898        .       -
       .
ID=Smp_073800.1;Parent=Smp_073800;geneID=Smp_073800;gene_name=Smp_07
3800;owner=irisadmin@local.host;orig_id=Smp_073800.1;date_last_modif
ied=2022-08-29;Name=Smp_073800.1;product=RecQ-mediated genome
instability protein 1;date_creation=2022-08-29
SM_V9_1 iris    exon    13770489        13771789        .       -
       .
Parent=Smp_073800.1;Name=71a67c73-62fb-436b-954b-0a282f4b609a
SM_V9_1 iris    exon    13773108        13775225        .       -
       .       Parent=Smp_073800.1;Name=64625a71-b9be-4a5e-
b6d3-1de1b9569b8d
SM_V9_1 iris    exon    13779413        13779706        .       -
       .
Parent=Smp_073800.1;Name=4eebe787-5c22-4bf7-8591-02037633e271
SM_V9_1 iris    exon    13788359        13789191        .       -
       .
Parent=Smp_073800.1;Name=3931795d-1105-4491-8cfb-80a84a9ecd14
SM_V9_1 iris    exon    13790765        13791197        .       -
       .       Parent=Smp_073800.1;Name=5d9af176-98c5-4ce3-ae98-
ab8029588ac9
SM_V9_1 iris    exon    13805610        13805884        .       -
       .       Parent=Smp_073800.1;Name=3a651784-4bd0-44c8-8591-
ea88ccbf8f95
SM_V9_1 iris    exon    13806326        13806491        .       -
       .       Parent=Smp_073800.1;Name=a0a6e70e-8696-4ce7-
a3c7-6c75f4e1deec
SM_V9_1 iris    exon    13808473        13808898        .       -
       .       Parent=Smp_073800.1;Name=0d1082e8-
dfe0-462c-9ddd-7b7b9b20a950
SM_V9_1 iris    CDS     13774896        13775225        .       -
       0       Parent=Smp_073800.1
SM_V9_1 iris    CDS     13779413        13779706        .       -
       0       Parent=Smp_073800.1
SM_V9_1 iris    CDS     13788359        13789191        .       -
       2       Parent=Smp_073800.1
SM_V9_1 iris    CDS     13790765        13791197        .       -
       0       Parent=Smp_073800.1
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SM_V9_1 iris    CDS     13805610        13805884        .       -
        2       Parent=Smp_073800.1
SM_V9_1 iris    CDS     13806326        13806491        .       -
        0       Parent=Smp_073800.1
SM_V9_1 iris    CDS     13808473        13808811        .       -
        0       Parent=Smp_073800.1
SM_V9_1 Liftoff gene    13813049        13816948        .       -
        .       ID=Smp_073790;geneID=Smp_073790
SM_V9_1 Liftoff mRNA    13813049        13816948        .       -
        .
ID=Smp_073790.1;Parent=Smp_073790;geneID=Smp_073790;product=Gamma-
aminobutyric acid receptor-associated
protein;polypeptide_domain=InterPro:IPR004241,IPR029071 Pfam:PF02991
SM_V9_1 Liftoff exon    13813049        13813490        .       -
        .       Parent=Smp_073790.1
SM_V9_1 Liftoff exon    13814752        13814949        .       -
        .       Parent=Smp_073790.1
SM_V9_1 Liftoff exon    13816805        13816948        .       -
        .       Parent=Smp_073790.1
SM_V9_1 Liftoff CDS     13813404        13813490        .       -
        0       Parent=Smp_073790.1
SM_V9_1 Liftoff CDS     13814752        13814949        .       -
        0       Parent=Smp_073790.1
SM_V9_1 Liftoff CDS     13816805        13816894        .       -
        0       Parent=Smp_073790.1
SM_V9_1 Liftoff gene    13831822        13880257        .       +
        .       ID=Smp_162060;geneID=Smp_162060
SM_V9_1 Liftoff mRNA    13831822        13880257        .       +
        .
ID=Smp_162060.1;Parent=Smp_162060;geneID=Smp_162060;product=Nose
resistant to fluoxetine protein
6;polypeptide_domain=InterPro:IPR002656,IPR006621
Pfam:PF01757;Ontology_term=GO:0016747
SM_V9_1 Liftoff exon    13831822        13832143        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13832188        13832372        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13832419        13832494        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13832532        13832628        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13837174        13837448        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13847785        13847991        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13849852        13849948        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13851268        13851372        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13852837        13853002        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13855760        13855842        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13860568        13860666        .       +
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        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13871479        13871584        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13872648        13872864        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13874316        13874458        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff exon    13879930        13880257        .       +
        .       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13831870        13832143        .       +
        0       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13832188        13832372        .       +
        2       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13832419        13832494        .       +
        0       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13832532        13832628        .       +
        2       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13837174        13837448        .       +
        1       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13847785        13847991        .       +
        2       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13849852        13849948        .       +
        2       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13851268        13851372        .       +
        1       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13852837        13853002        .       +
        1       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13855760        13855842        .       +
        0       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13860568        13860666        .       +
        1       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13871479        13871584        .       +
        1       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13872648        13872864        .       +
        0       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13874316        13874458        .       +
        2       Parent=Smp_162060.1
SM_V9_1 Liftoff CDS     13879930        13880037        .       +
        0       Parent=Smp_162060.1
SM_V9_1 iris    gene    13882662        13903121        .       -
        .
ID=Smp_213730;geneID=Smp_213730;gene_name=Smp_213730;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_1 iris    mRNA    13882662        13903121        .       -
        .
ID=Smp_213730.1;Parent=Smp_213730;geneID=Smp_213730;gene_name=Smp_21
3730;owner=irisadmin@local.host;orig_id=Smp_213730.4;date_last_modif
ied=2022-07-16;Name=Smp_213730.1;product=Death domain-associated
protein 6;date_creation=2022-07-16
SM_V9_1 iris    exon    13882662        13883947        .       -
        .       Parent=Smp_213730.1;Name=3ba79b9a-3768-40f4-
af5e-68cf4c2138e6
SM_V9_1 iris    exon    13885369        13885456        .       -
        .       Parent=Smp_213730.1;Name=aecfe3a7-
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a932-4c9f-9b59-164397537058
SM_V9_1 iris    exon    13886693        13886812        .       -
        .       Parent=Smp_213730.1;Name=142eb493-db7f-47aa-
a048-9f3c6a13b1e7
SM_V9_1 iris    exon    13888287        13888413        .       -
        .       Parent=Smp_213730.1;Name=0ffeee46-4e87-45da-a6f8-
f28b8e6f77e6
SM_V9_1 iris    exon    13890036        13890228        .       -
        .
Parent=Smp_213730.1;Name=ef29d23e-3e48-4729-81e5-3f4eabe4f599
SM_V9_1 iris    exon    13894121        13894437        .       -
        .
Parent=Smp_213730.1;Name=333688f0-048a-4bde-85a6-18aab31324d0
SM_V9_1 iris    exon    13899225        13899276        .       -
        .       Parent=Smp_213730.1;Name=38965b38-
dcb3-42ae-9f08-4da971583c55
SM_V9_1 iris    exon    13899323        13899550        .       -
        .       Parent=Smp_213730.1;Name=6b7cf860-52ed-495e-a747-
e674e38c941d
SM_V9_1 iris    exon    13903085        13903121        .       -
        .       Parent=Smp_213730.1;Name=021b7052-
a677-4e2c-942c-7d584128cdb1
SM_V9_1 iris    CDS     13882943        13883947        .       -
        0       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13885369        13885456        .       -
        1       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13886693        13886812        .       -
        1       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13888287        13888413        .       -
        2       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13890036        13890228        .       -
        0       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13894121        13894437        .       -
        2       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13899225        13899276        .       -
        0       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13899323        13899550        .       -
        0       Parent=Smp_213730.1
SM_V9_1 iris    CDS     13903085        13903105        .       -
        0       Parent=Smp_213730.1
SM_V9_1 Liftoff gene    13917542        13943778        .       -
        .
ID=Smp_213740;geneID=Smp_213740;previous_systematic_id=Smp_162050
SM_V9_1 Liftoff mRNA    13917542        13943778        .       -
        .
ID=Smp_213740.1;Parent=Smp_213740;geneID=Smp_213740;product=Lens
fiber membrane intrinsic
protein;polypeptide_domain=InterPro:IPR004031
Pfam:PF00822;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    13917542        13918721        .       -
        .       Parent=Smp_213740.1
SM_V9_1 Liftoff exon    13921471        13921620        .       -
        .       Parent=Smp_213740.1
SM_V9_1 Liftoff exon    13927912        13928004        .       -
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        .       Parent=Smp_213740.1
SM_V9_1 Liftoff exon    13933298        13933814        .       -
        .       Parent=Smp_213740.1
SM_V9_1 Liftoff exon    13935699        13936279        .       -
        .       Parent=Smp_213740.1
SM_V9_1 Liftoff exon    13941765        13943778        .       -
        .       Parent=Smp_213740.1
SM_V9_1 Liftoff CDS     13918420        13918721        .       -
        2       Parent=Smp_213740.1
SM_V9_1 Liftoff CDS     13921471        13921620        .       -
        2       Parent=Smp_213740.1
SM_V9_1 Liftoff CDS     13927912        13928004        .       -
        2       Parent=Smp_213740.1
SM_V9_1 Liftoff CDS     13933298        13933814        .       -
        0       Parent=Smp_213740.1
SM_V9_1 Liftoff CDS     13935699        13936279        .       -
        2       Parent=Smp_213740.1
SM_V9_1 Liftoff CDS     13941765        13943481        .       -
        0       Parent=Smp_213740.1
SM_V9_1 iris    gene    13998335        14020337        .       -
        .
ID=Smp_162040;geneID=Smp_162040;gene_name=Smp_162040;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    13998335        14020337        .       -
        .
ID=Smp_162040.1;Parent=Smp_162040;geneID=Smp_162040;gene_name=Smp_16
2040;owner=irisadmin@local.host;orig_id=Smp_162040.1;date_last_modif
ied=2022-08-26;Name=Smp_162040.1;product=Transmembrane 9 superfamily
member 2;date_creation=2022-08-26
SM_V9_1 iris    exon    13998335        13998887        .       -
        .       Parent=Smp_162040.1;Name=affce8eb-4b92-4ae0-
bb4b-226f0856646b
SM_V9_1 iris    exon    14000773        14000944        .       -
        .       Parent=Smp_162040.1;Name=6afea59c-62ef-44df-
b642-27bbeb9bf3f5
SM_V9_1 iris    exon    14002639        14002902        .       -
        .       Parent=Smp_162040.1;Name=e470959c-29b5-4d48-9731-
a7099922b8c4
SM_V9_1 iris    exon    14003980        14004224        .       -
        .       Parent=Smp_162040.1;Name=dda9388b-f970-43f8-
ae60-7dafab8d4fbc
SM_V9_1 iris    exon    14007735        14007960        .       -
        .       Parent=Smp_162040.1;Name=582810d4-4024-44f2-8cb8-
ea3f32b86e63
SM_V9_1 iris    exon    14008045        14008233        .       -
        .       Parent=Smp_162040.1;Name=5ec9e52a-da08-4ba8-
af9d-67664de3fd36
SM_V9_1 iris    exon    14008567        14008678        .       -
        .       Parent=Smp_162040.1;Name=109ffa8a-
b21d-449d-8651-50aa853e8b53
SM_V9_1 iris    exon    14010156        14010292        .       -
        .       Parent=Smp_162040.1;Name=82bfdd21-e548-4131-a65b-
ea66564ea4a2
SM_V9_1 iris    exon    14013536        14013665        .       -
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        .       Parent=Smp_162040.1;Name=7109d287-383a-4177-
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SM_V9_1 iris    exon    14014206        14014324        .       -
        .
Parent=Smp_162040.1;Name=2cc7ad0a-8354-4a86-9177-919fb4b3044a
SM_V9_1 iris    exon    14016393        14016486        .       -
        .       Parent=Smp_162040.1;Name=44c735ca-b499-4626-b3b5-
fd66f820bbdf
SM_V9_1 iris    exon    14020022        14020089        .       -
        .       Parent=Smp_162040.1;Name=8bd7192c-37ff-4235-97e5-
a7a02a6cd9af
SM_V9_1 iris    exon    14020124        14020337        .       -
        .       Parent=Smp_162040.1;Name=affbb7de-0cca-4543-a178-
e576217b2204
SM_V9_1 iris    CDS     13998820        13998887        .       -
        2       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14000773        14000944        .       -
        0       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14002639        14002902        .       -
        0       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14003980        14004224        .       -
        2       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14007735        14007960        .       -
        0       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14008045        14008233        .       -
        0       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14008567        14008678        .       -
        1       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14010156        14010292        .       -
        0       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14013536        14013665        .       -
        1       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14014206        14014324        .       -
        0       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14016393        14016486        .       -
        1       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14020022        14020089        .       -
        0       Parent=Smp_162040.1
SM_V9_1 iris    CDS     14020124        14020255        .       -
        0       Parent=Smp_162040.1
SM_V9_1 Liftoff gene    14028612        14059756        .       +
        .       ID=Smp_162030;geneID=Smp_162030
SM_V9_1 Liftoff mRNA    14028612        14054196        .       +
        .
ID=Smp_162030.1;Parent=Smp_162030;geneID=Smp_162030;product=Folylpol
yglutamate synthase,
mitochondrial;polypeptide_domain=InterPro:IPR001645,IPR004101,IPR013
221
Pfam:PF08245;Ontology_term=GO:0004326,GO:0005524,GO:0009058,GO:00093
96,GO:0016874
SM_V9_1 Liftoff exon    14028612        14031035        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14031067        14031192        .       +
        .       Parent=Smp_162030.1
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SM_V9_1 Liftoff exon    14031230        14031348        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14032151        14032265        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14034554        14034634        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14039694        14039755        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14041571        14041673        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14044055        14044135        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14044559        14044757        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14046058        14046105        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14047882        14047979        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14051220        14051269        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14052516        14052588        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14052712        14052769        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff exon    14053176        14054196        .       +
        .       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14030991        14031035        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14031067        14031192        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14031230        14031348        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14032151        14032265        .       +
        1       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14034554        14034634        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14039694        14039755        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14041571        14041673        .       +
        1       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14044055        14044135        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14044559        14044757        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14046058        14046105        .       +
        2       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14047882        14047979        .       +
        2       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14051220        14051269        .       +
        0       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14052516        14052588        .       +
        1       Parent=Smp_162030.1
SM_V9_1 Liftoff CDS     14052712        14052769        .       +
        0       Parent=Smp_162030.1
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SM_V9_1 Liftoff CDS     14053176        14053207        .       +
        2       Parent=Smp_162030.1
SM_V9_1 Liftoff mRNA    14028612        14059756        .       +
        .
ID=Smp_162030.2;Parent=Smp_162030;geneID=Smp_162030;product=Folylpol
yglutamate synthase,
mitochondrial;polypeptide_domain=InterPro:IPR001645,IPR004101,IPR013
221
Pfam:PF08245;Ontology_term=GO:0004326,GO:0005524,GO:0009058,GO:00093
96,GO:0016874
SM_V9_1 Liftoff exon    14028612        14031035        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14031067        14031192        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14031230        14031348        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14032151        14032265        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14034554        14034634        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14039694        14039755        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14041571        14041673        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14044055        14044135        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14044559        14044757        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14046058        14046105        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14047882        14047979        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14051220        14051269        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14052516        14052588        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14055167        14055224        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14056974        14057260        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff exon    14059584        14059756        .       +
        .       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14030991        14031035        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14031067        14031192        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14031230        14031348        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14032151        14032265        .       +
        1       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14034554        14034634        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14039694        14039755        .       +
        0       Parent=Smp_162030.2
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SM_V9_1 Liftoff CDS     14041571        14041673        .       +
        1       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14044055        14044135        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14044559        14044757        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14046058        14046105        .       +
        2       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14047882        14047979        .       +
        2       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14051220        14051269        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14052516        14052588        .       +
        1       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14055167        14055224        .       +
        0       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14056974        14057260        .       +
        2       Parent=Smp_162030.2
SM_V9_1 Liftoff CDS     14059584        14059604        .       +
        0       Parent=Smp_162030.2
SM_V9_1 iris    gene    14065474        14069979        .       +
        .
ID=Smp_073720;geneID=Smp_073720;gene_name=Smp_073720;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    14065474        14069979        .       +
        .
ID=Smp_073720.1;Parent=Smp_073720;geneID=Smp_073720;gene_name=Smp_07
3720;owner=irisadmin@local.host;orig_id=Smp_073720.1;date_last_modif
ied=2022-08-26;Name=Smp_073720.1;product=Actin-related protein 2/3
complex subunit 5-like protein;date_creation=2022-08-26
SM_V9_1 iris    exon    14065474        14065604        .       +
        .
Parent=Smp_073720.1;Name=3924447d-43e6-49b8-84f3-9382d4b51594
SM_V9_1 iris    exon    14068142        14068646        .       +
        .       Parent=Smp_073720.1;Name=30c13cf8-38c2-4baf-96a4-
f79618bd7c82
SM_V9_1 iris    exon    14069532        14069979        .       +
        .       Parent=Smp_073720.1;Name=cc951830-
fd81-46a7-89a7-3692b7542a7b
SM_V9_1 iris    CDS     14068254        14068646        .       +
        0       Parent=Smp_073720.1
SM_V9_1 iris    CDS     14069532        14069594        .       +
        0       Parent=Smp_073720.1
SM_V9_1 iris    gene    14077618        14132245        .       +
        .
ID=Smp_162010;geneID=Smp_162010;gene_name=Smp_162010;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    14077618        14132245        .       +
        .
ID=Smp_162010.1;Parent=Smp_162010;geneID=Smp_162010;gene_name=Smp_16
2010;owner=irisadmin@local.host;orig_id=Smp_162010.1;date_last_modif
ied=2022-08-26;Name=Smp_162010.1;product=MAP/microtubule affinity-
regulating kinase 4;date_creation=2022-08-26
SM_V9_1 iris    exon    14077618        14078203        .       +
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        .
Parent=Smp_162010.1;Name=16279e4b-8e35-4147-9054-00d8c5d9a378
SM_V9_1 iris    exon    14096746        14096799        .       +
        .       Parent=Smp_162010.1;Name=2bfe46fc-f419-4d23-
b0b0-1c39df1807fa
SM_V9_1 iris    exon    14102778        14102826        .       +
        .
Parent=Smp_162010.1;Name=252f7ba2-1c27-4027-8687-912be2770846
SM_V9_1 iris    exon    14107736        14107801        .       +
        .
Parent=Smp_162010.1;Name=2224774b-6d09-48e6-8852-61d9a5931444
SM_V9_1 iris    exon    14110291        14110418        .       +
        .       Parent=Smp_162010.1;Name=52a750bb-5ce2-44ca-8794-
c2ea3f2cee42
SM_V9_1 iris    exon    14111594        14111830        .       +
        .       Parent=Smp_162010.1;Name=d4d1a718-c80a-42f3-
a7b6-101fe5529232
SM_V9_1 iris    exon    14114109        14114228        .       +
        .       Parent=Smp_162010.1;Name=43f32cec-2fb0-40ec-828c-
bd5df8acaa97
SM_V9_1 iris    exon    14116814        14116913        .       +
        .       Parent=Smp_162010.1;Name=691ddca3-e41f-4ec2-
a4de-12f63e75842d
SM_V9_1 iris    exon    14120712        14120927        .       +
        .       Parent=Smp_162010.1;Name=b86e1960-3824-4db8-
b5b8-61a75da1db65
SM_V9_1 iris    exon    14123954        14124038        .       +
        .       Parent=Smp_162010.1;Name=8ab58e72-b2d0-440b-
a77c-92d017dadb79
SM_V9_1 iris    exon    14124490        14124831        .       +
        .       Parent=Smp_162010.1;Name=f0a80300-c486-4319-
b9f8-0ae7d2535e4b
SM_V9_1 iris    exon    14126219        14127130        .       +
        .       Parent=Smp_162010.1;Name=37bfdb1b-42f3-4837-
a08c-27f2f1132488
SM_V9_1 iris    exon    14129612        14129871        .       +
        .       Parent=Smp_162010.1;Name=8a1a5ea5-39e4-4e93-8d9b-
dd3fc10ed0ab
SM_V9_1 iris    exon    14131484        14132245        .       +
        .
Parent=Smp_162010.1;Name=007341ac-02c4-403c-9b4b-3e8cc54f8dd4
SM_V9_1 iris    CDS     14077898        14078203        .       +
        0       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14096746        14096799        .       +
        0       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14102778        14102826        .       +
        0       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14107736        14107801        .       +
        2       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14110291        14110418        .       +
        2       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14111594        14111830        .       +
        0       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14114109        14114228        .       +
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        0       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14116814        14116913        .       +
        0       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14120712        14120927        .       +
        2       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14123954        14124038        .       +
        2       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14124490        14124831        .       +
        1       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14126219        14127130        .       +
        1       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14129612        14129871        .       +
        1       Parent=Smp_162010.1
SM_V9_1 iris    CDS     14131484        14132076        .       +
        2       Parent=Smp_162010.1
SM_V9_1 Liftoff gene    14134516        14147798        .       -
        .       ID=Smp_073690;geneID=Smp_073690
SM_V9_1 Liftoff mRNA    14134516        14147798        .       -
        .
ID=Smp_073690.1;Parent=Smp_073690;geneID=Smp_073690;product=28S
ribosomal protein S34,
mitochondrial;polypeptide_domain=InterPro:IPR032053
Pfam:PF16053;Ontology_term=GO:0003735,GO:0005739
SM_V9_1 Liftoff exon    14134516        14134788        .       -
        .       Parent=Smp_073690.1
SM_V9_1 Liftoff exon    14142112        14142468        .       -
        .       Parent=Smp_073690.1
SM_V9_1 Liftoff exon    14144974        14147798        .       -
        .       Parent=Smp_073690.1
SM_V9_1 Liftoff CDS     14134588        14134788        .       -
        0       Parent=Smp_073690.1
SM_V9_1 Liftoff CDS     14142112        14142468        .       -
        0       Parent=Smp_073690.1
SM_V9_1 Liftoff CDS     14144974        14145159        .       -
        0       Parent=Smp_073690.1
SM_V9_1 iris    gene    14158672        14165259        .       +
        .
ID=Smp_073680;geneID=Smp_073680;gene_name=Smp_073680;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    14158672        14165259        .       +
        .
ID=Smp_073680.1;Parent=Smp_073680;geneID=Smp_073680;gene_name=Smp_07
3680;owner=irisadmin@local.host;orig_id=Smp_073680.2;date_last_modif
ied=2022-08-26;Name=Smp_073680.1;product=TATA-box-binding
protein;date_creation=2022-08-26
SM_V9_1 iris    exon    14158672        14158722        .       +
        .       Parent=Smp_073680.1;Name=b1fb6bec-5260-4a49-
be08-564a0e7a518a
SM_V9_1 iris    exon    14158766        14159166        .       +
        .       Parent=Smp_073680.1;Name=3ad11e95-
a6d4-4848-88e8-7ac213f1ffcc
SM_V9_1 iris    exon    14159264        14159399        .       +
        .       Parent=Smp_073680.1;Name=67a0e8c4-c3af-47de-
a659-169d4c667996
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SM_V9_1 iris    exon    14161196        14161439        .       +
        .       Parent=Smp_073680.1;Name=f915279d-f9f9-4136-
ab4a-3f1b76cc37c2
SM_V9_1 iris    exon    14162349        14162452        .       +
        .       Parent=Smp_073680.1;Name=71f19b51-6e7c-4972-
a945-4d355295fad9
SM_V9_1 iris    exon    14163253        14163347        .       +
        .       Parent=Smp_073680.1;Name=31c949b7-86ba-45dd-
a8c2-1e058b0766f1
SM_V9_1 iris    exon    14165106        14165259        .       +
        .       Parent=Smp_073680.1;Name=397f160e-db3a-4e61-b88f-
c3be590174d6
SM_V9_1 iris    CDS     14159287        14159399        .       +
        0       Parent=Smp_073680.1
SM_V9_1 iris    CDS     14161196        14161439        .       +
        1       Parent=Smp_073680.1
SM_V9_1 iris    CDS     14162349        14162452        .       +
        0       Parent=Smp_073680.1
SM_V9_1 iris    CDS     14163253        14163347        .       +
        1       Parent=Smp_073680.1
SM_V9_1 iris    CDS     14165106        14165185        .       +
        2       Parent=Smp_073680.1
SM_V9_1 iris    gene    14166803        14296718        .       -
        .
ID=Smp_162000;geneID=Smp_162000;gene_name=Smp_162000;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    14166803        14296718        .       -
        .
ID=Smp_162000.1;Parent=Smp_162000;geneID=Smp_162000;gene_name=Smp_16
2000;owner=irisadmin@local.host;orig_id=Smp_162000.1;date_last_modif
ied=2022-08-26;Name=Smp_162000.1;product=E3 ubiquitin-protein ligase
UBR4;date_creation=2022-08-26
SM_V9_1 iris    exon    14166803        14167275        .       -
        .
Parent=Smp_162000.1;Name=018ed2eb-9364-4d96-99ba-4ee7089301e6
SM_V9_1 iris    exon    14169156        14169372        .       -
        .       Parent=Smp_162000.1;Name=deba7b0a-2a57-4868-
aa55-5861dda58dec
SM_V9_1 iris    exon    14170672        14170924        .       -
        .       Parent=Smp_162000.1;Name=dce72e2c-b9f7-4357-
b7cf-1e82567c42fd
SM_V9_1 iris    exon    14172801        14172886        .       -
        .       Parent=Smp_162000.1;Name=56f0afde-10aa-40b5-
b11f-2e133bc7dc6b
SM_V9_1 iris    exon    14174417        14174566        .       -
        .       Parent=Smp_162000.1;Name=e5e8fbf3-832d-410c-8f84-
d82379e3d311
SM_V9_1 iris    exon    14176048        14176299        .       -
        .       Parent=Smp_162000.1;Name=f556cbfb-bbcd-4a22-b130-
f2e9d40c4e04
SM_V9_1 iris    exon    14177257        14177532        .       -
        .       Parent=Smp_162000.1;Name=3b4104de-4795-44fb-
b8ea-9577b931006d
SM_V9_1 iris    exon    14179178        14179598        .       -
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        .       Parent=Smp_162000.1;Name=69ae66c2-2d9c-4eb9-8f02-
fbab653868fc
SM_V9_1 iris    exon    14181051        14181290        .       -
        .       Parent=Smp_162000.1;Name=c2132e0c-89da-4670-
b19b-81d9d841cc74
SM_V9_1 iris    exon    14185616        14185796        .       -
        .
Parent=Smp_162000.1;Name=a91e689f-5d4d-4ff0-96a2-68c99fb7002d
SM_V9_1 iris    exon    14186789        14186982        .       -
        .       Parent=Smp_162000.1;Name=16bf701a-924b-443d-9b5e-
d075d2ac0c80
SM_V9_1 iris    exon    14187838        14188118        .       -
        .       Parent=Smp_162000.1;Name=1fcf8728-92f8-4e76-
ba98-76c61e526a13
SM_V9_1 iris    exon    14189086        14189260        .       -
        .
Parent=Smp_162000.1;Name=dfa3c786-3fa0-4e35-8214-35dea623b965
SM_V9_1 iris    exon    14190271        14190455        .       -
        .       Parent=Smp_162000.1;Name=e0791bcd-af04-4e0e-a33f-
e654a2813f79
SM_V9_1 iris    exon    14192122        14192301        .       -
        .       Parent=Smp_162000.1;Name=018e9271-876f-40ab-
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SM_V9_1 iris    exon    14193016        14193035        .       -
        .       Parent=Smp_162000.1;Name=0d8034b7-5960-4643-a80f-
a12c75e4e6c1
SM_V9_1 iris    exon    14193449        14193700        .       -
        .       Parent=Smp_162000.1;Name=e6b679fe-c980-4afb-
bd34-8e08430f4048
SM_V9_1 iris    exon    14194613        14195266        .       -
        .       Parent=Smp_162000.1;Name=81e08225-31fb-497a-
b401-7fd0252901f6
SM_V9_1 iris    exon    14196743        14196962        .       -
        .       Parent=Smp_162000.1;Name=0f0918d7-eece-41aa-b9ea-
c9a4dd950f2d
SM_V9_1 iris    exon    14198680        14199348        .       -
        .       Parent=Smp_162000.1;Name=7746a533-3b4c-4e86-b4ed-
aa43177fb5c4
SM_V9_1 iris    exon    14200716        14201092        .       -
        .       Parent=Smp_162000.1;Name=6986b1b6-8d29-455a-b0c5-
bd7a7f618b59
SM_V9_1 iris    exon    14201918        14202492        .       -
        .       Parent=Smp_162000.1;Name=3ee2d3e5-669d-4d55-b7ba-
dfe9b0f6dd94
SM_V9_1 iris    exon    14204243        14204775        .       -
        .
Parent=Smp_162000.1;Name=414a6cdb-4362-4771-8e93-427c8a483bde
SM_V9_1 iris    exon    14205593        14205876        .       -
        .       Parent=Smp_162000.1;Name=3f0a48f7-ffc0-4a34-
af7e-5c89571e6530
SM_V9_1 iris    exon    14206032        14206593        .       -
        .
Parent=Smp_162000.1;Name=3d1d407b-0e74-4bde-939f-6a89754a2167
SM_V9_1 iris    exon    14206740        14206977        .       -
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        .
Parent=Smp_162000.1;Name=63f78fc6-7ae3-40b1-840e-141b971dbdcc
SM_V9_1 iris    exon    14207570        14207847        .       -
        .       Parent=Smp_162000.1;Name=c49cd222-6443-4b06-87bc-
d5a099dffd01
SM_V9_1 iris    exon    14209614        14209744        .       -
        .       Parent=Smp_162000.1;Name=cb5b17ef-3eb7-4d10-864b-
f2232f80c55d
SM_V9_1 iris    exon    14210789        14210867        .       -
        .       Parent=Smp_162000.1;Name=8f479b2c-10c5-407e-
a865-03fa5a640b06
SM_V9_1 iris    exon    14211629        14211988        .       -
        .       Parent=Smp_162000.1;Name=fa867499-c56e-494b-b94a-
f110e0209175
SM_V9_1 iris    exon    14213274        14213909        .       -
        .       Parent=Smp_162000.1;Name=b97069c3-79e8-4d08-a94f-
e18100dd14c2
SM_V9_1 iris    exon    14215359        14215917        .       -
        .       Parent=Smp_162000.1;Name=e68239e7-
bfb8-4cd5-8bd2-01b30e7b322d
SM_V9_1 iris    exon    14217989        14219066        .       -
        .       Parent=Smp_162000.1;Name=65481d03-e1db-493b-
a3da-919da953c6e9
SM_V9_1 iris    exon    14219830        14219860        .       -
        .       Parent=Smp_162000.1;Name=8451fa57-34f7-4bd8-ba7f-
da47fe6e6c76
SM_V9_1 iris    exon    14220661        14220912        .       -
        .       Parent=Smp_162000.1;Name=776de883-74ef-4eb8-83df-
fc60e51ea74c
SM_V9_1 iris    exon    14222895        14224157        .       -
        .       Parent=Smp_162000.1;Name=399fef58-fde8-4f0e-
b10a-6dc5837bd412
SM_V9_1 iris    exon    14227039        14227599        .       -
        .       Parent=Smp_162000.1;Name=13fcfd63-
bcf0-423b-8fb9-4df3d35f3cf0
SM_V9_1 iris    exon    14229991        14231133        .       -
        .       Parent=Smp_162000.1;Name=4b0242af-0af9-4899-b83a-
ea53d1861a8c
SM_V9_1 iris    exon    14232814        14233163        .       -
        .       Parent=Smp_162000.1;Name=8161c470-
eaf4-4829-9b6e-38f708a14d27
SM_V9_1 iris    exon    14234668        14235078        .       -
        .       Parent=Smp_162000.1;Name=d807a48e-9160-4131-
b28f-7f3ce5bae605
SM_V9_1 iris    exon    14237459        14237579        .       -
        .       Parent=Smp_162000.1;Name=98e778c4-b430-4dd9-
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SM_V9_1 iris    exon    14238263        14238646        .       -
        .       Parent=Smp_162000.1;Name=5bee7930-0a7d-486e-
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SM_V9_1 iris    exon    14239219        14239624        .       -
        .       Parent=Smp_162000.1;Name=33b276e2-4144-4a7f-9ed0-
fbc99c6b0d77
SM_V9_1 iris    exon    14241447        14241573        .       -
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        .       Parent=Smp_162000.1;Name=276ba0fe-1318-4b26-
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        .
Parent=Smp_162000.1;Name=c08e62d1-7dfd-4364-8427-5f5df18dab07
SM_V9_1 iris    exon    14243383        14243804        .       -
        .
Parent=Smp_162000.1;Name=8c36e597-0fc4-42e2-8896-32ad264501fd
SM_V9_1 iris    exon    14244714        14244974        .       -
        .       Parent=Smp_162000.1;Name=149ddc01-2174-411c-
af11-2b21e1f4bdab
SM_V9_1 iris    exon    14246203        14246358        .       -
        .       Parent=Smp_162000.1;Name=cb334608-1394-4310-bd41-
c84ed9fad6a6
SM_V9_1 iris    exon    14247025        14247227        .       -
        .       Parent=Smp_162000.1;Name=9b8f4b05-3274-4fe6-a4c3-
b80c22e55bac
SM_V9_1 iris    exon    14248683        14249730        .       -
        .       Parent=Smp_162000.1;Name=07f070e1-e1f9-4806-
a414-2280b6f48965
SM_V9_1 iris    exon    14251380        14251519        .       -
        .
Parent=Smp_162000.1;Name=dc2fef53-3678-4386-93bf-6265fd981f1c
SM_V9_1 iris    exon    14251880        14251997        .       -
        .       Parent=Smp_162000.1;Name=1c496fb2-
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        .
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SM_V9_1 iris    exon    14257234        14257455        .       -
        .       Parent=Smp_162000.1;Name=702e8a2c-ce06-4c0f-
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SM_V9_1 iris    exon    14259016        14259538        .       -
        .       Parent=Smp_162000.1;Name=2849111b-dc11-4854-
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SM_V9_1 iris    exon    14263640        14264050        .       -
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Parent=Smp_162000.1;Name=7608fdc6-69fb-4dc5-8ba8-30fa2e0abf6e
SM_V9_1 iris    exon    14265378        14265907        .       -
        .       Parent=Smp_162000.1;Name=19c9bf9d-52e9-45d8-
b300-9f6c351495bd
SM_V9_1 iris    exon    14267072        14267473        .       -
        .       Parent=Smp_162000.1;Name=8b4bf1fc-
dfbf-4a2b-90c2-5e7ce0fb43c5
SM_V9_1 iris    exon    14268056        14268710        .       -
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Parent=Smp_162000.1;Name=adf23e36-6725-4893-9d49-8c3247c350a1
SM_V9_1 iris    exon    14270992        14271363        .       -
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SM_V9_1 iris    exon    14273422        14273847        .       -
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SM_V9_1 iris    exon    14275106        14275288        .       -
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SM_V9_1 iris    exon    14276460        14276641        .       -
        .
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        .       Parent=Smp_162000.1;Name=4419b59a-866f-43a7-8607-
f18ccd546a1c
SM_V9_1 iris    exon    14282155        14282276        .       -
        .
Parent=Smp_162000.1;Name=93164366-5f95-4d3d-9ef9-72dcbfed8fca
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        .       Parent=Smp_162000.1;Name=4b87eff0-9223-4284-
bbdb-5419c7c37483
SM_V9_1 iris    exon    14294046        14294188        .       -
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SM_V9_1 iris    exon    14295532        14295756        .       -
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SM_V9_1 iris    CDS     14169156        14169372        .       -
        0       Parent=Smp_162000.1
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SM_V9_1 iris    CDS     14174417        14174566        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14176048        14176299        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14177257        14177532        .       -
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SM_V9_1 iris    CDS     14179178        14179598        .       -
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        1       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14185616        14185796        .       -
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SM_V9_1 iris    CDS     14186789        14186982        .       -
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SM_V9_1 iris    CDS     14189086        14189260        .       -
        1       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14190271        14190455        .       -
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SM_V9_1 iris    CDS     14193449        14193700        .       -
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SM_V9_1 iris    CDS     14194613        14195266        .       -
        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14196743        14196962        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14198680        14199348        .       -
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SM_V9_1 iris    CDS     14200716        14201092        .       -
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SM_V9_1 iris    CDS     14201918        14202492        .       -
        1       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14204243        14204775        .       -
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SM_V9_1 iris    CDS     14205593        14205876        .       -
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SM_V9_1 iris    CDS     14206032        14206593        .       -
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SM_V9_1 iris    CDS     14207570        14207847        .       -
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SM_V9_1 iris    CDS     14209614        14209744        .       -
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SM_V9_1 iris    CDS     14210789        14210867        .       -
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SM_V9_1 iris    CDS     14211629        14211988        .       -
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SM_V9_1 iris    CDS     14213274        14213909        .       -
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SM_V9_1 iris    CDS     14215359        14215917        .       -
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SM_V9_1 iris    CDS     14217989        14219066        .       -
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SM_V9_1 iris    CDS     14219830        14219860        .       -
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SM_V9_1 iris    CDS     14222895        14224157        .       -
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SM_V9_1 iris    CDS     14232814        14233163        .       -
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SM_V9_1 iris    CDS     14234668        14235078        .       -
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SM_V9_1 iris    CDS     14237459        14237579        .       -
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SM_V9_1 iris    CDS     14238263        14238646        .       -
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        1       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14241447        14241573        .       -
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SM_V9_1 iris    CDS     14242149        14242738        .       -
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SM_V9_1 iris    CDS     14243383        14243804        .       -
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SM_V9_1 iris    CDS     14246203        14246358        .       -
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SM_V9_1 iris    CDS     14247025        14247227        .       -
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SM_V9_1 iris    CDS     14248683        14249730        .       -
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        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14251880        14251997        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14254746        14255467        .       -
        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14257234        14257455        .       -
        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14259016        14259538        .       -
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SM_V9_1 iris    CDS     14261278        14261607        .       -
        0       Parent=Smp_162000.1
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SM_V9_1 iris    CDS     14267072        14267473        .       -
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SM_V9_1 iris    CDS     14268056        14268710        .       -
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SM_V9_1 iris    CDS     14270992        14271363        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14273422        14273847        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14275106        14275288        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14276460        14276641        .       -
        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14277247        14277637        .       -
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SM_V9_1 iris    CDS     14282155        14282276        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14282753        14282790        .       -
        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14284386        14284443        .       -
        0       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14286239        14286348        .       -
        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14288510        14288915        .       -
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SM_V9_1 iris    CDS     14292209        14292253        .       -
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SM_V9_1 iris    CDS     14293271        14293595        .       -
        1       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14294046        14294188        .       -
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SM_V9_1 iris    CDS     14295532        14295756        .       -
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SM_V9_1 iris    CDS     14296253        14296341        .       -
        2       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14296376        14296467        .       -
        1       Parent=Smp_162000.1
SM_V9_1 iris    CDS     14296504        14296604        .       -
        0       Parent=Smp_162000.1
SM_V9_1 Liftoff gene    14309142        14314176        .       +
        .       ID=Smp_073620;geneID=Smp_073620
SM_V9_1 Liftoff mRNA    14309142        14314176        .       +
        .
ID=Smp_073620.1;Parent=Smp_073620;geneID=Smp_073620;product=Aminoacy
l tRNA synthase complex-interacting multifunctional protein
1;polypeptide_domain=InterPro:IPR002547,IPR012340
Pfam:PF01588;Ontology_term=GO:0000049
SM_V9_1 Liftoff exon    14309142        14310519        .       +
        .       Parent=Smp_073620.1
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SM_V9_1 Liftoff exon    14310555        14310665        .       +
        .       Parent=Smp_073620.1
SM_V9_1 Liftoff exon    14312385        14312578        .       +
        .       Parent=Smp_073620.1
SM_V9_1 Liftoff exon    14312696        14312942        .       +
        .       Parent=Smp_073620.1
SM_V9_1 Liftoff exon    14313920        14314176        .       +
        .       Parent=Smp_073620.1
SM_V9_1 Liftoff CDS     14310348        14310519        .       +
        0       Parent=Smp_073620.1
SM_V9_1 Liftoff CDS     14310555        14310665        .       +
        2       Parent=Smp_073620.1
SM_V9_1 Liftoff CDS     14312385        14312578        .       +
        2       Parent=Smp_073620.1
SM_V9_1 Liftoff CDS     14312696        14312942        .       +
        0       Parent=Smp_073620.1
SM_V9_1 Liftoff CDS     14313920        14314092        .       +
        2       Parent=Smp_073620.1
SM_V9_1 iris    gene    14322682        14344834        .       +
        .
ID=Smp_073610;geneID=Smp_073610;gene_name=Smp_073610;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-16
SM_V9_1 iris    mRNA    14322682        14344834        .       +
        .
ID=Smp_073610.1;Parent=Smp_073610;geneID=Smp_073610;gene_name=Smp_07
3610;owner=irisadmin@local.host;orig_id=Smp_073610.1;date_last_modif
ied=2022-07-18;Name=Smp_073610.1;product=Mediator of RNA polymerase
II transcription subunit 17;date_creation=2022-07-16
SM_V9_1 iris    exon    14322682        14322832        .       +
        .
Parent=Smp_073610.1;Name=eaea3116-7b5f-4ad3-90a5-2ef9b89a1e39
SM_V9_1 iris    exon    14327511        14327626        .       +
        .       Parent=Smp_073610.1;Name=57085b76-4e1e-4e0a-
b4b1-788663c54ac7
SM_V9_1 iris    exon    14331202        14331392        .       +
        .       Parent=Smp_073610.1;Name=8533127b-5bcc-4967-
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SM_V9_1 iris    exon    14331429        14331587        .       +
        .
Parent=Smp_073610.1;Name=3827b6a3-76be-47c4-9627-2357da7fd9c3
SM_V9_1 iris    exon    14331622        14331757        .       +
        .
Parent=Smp_073610.1;Name=fc7e0a10-9859-4e29-9a5b-1fe33ed37f07
SM_V9_1 iris    exon    14331803        14332147        .       +
        .       Parent=Smp_073610.1;Name=dff1839f-
db24-40dd-899c-5fcb36b61c62
SM_V9_1 iris    exon    14339443        14339742        .       +
        .       Parent=Smp_073610.1;Name=9bf2af2c-
fbac-433f-85d8-7c1e12d5e93e
SM_V9_1 iris    exon    14340958        14341709        .       +
        .       Parent=Smp_073610.1;Name=9c701de5-3f88-4316-
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SM_V9_1 iris    exon    14342686        14342935        .       +
        .       Parent=Smp_073610.1;Name=557cace3-2b1d-4e34-
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bb3f-16cd63cf064d
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SM_V9_1 iris    exon    14344510        14344834        .       +
        .       Parent=Smp_073610.1;Name=21caed65-4127-4526-a7cd-
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SM_V9_1 iris    CDS     14331622        14331757        .       +
        1       Parent=Smp_073610.1
SM_V9_1 iris    CDS     14331803        14332147        .       +
        0       Parent=Smp_073610.1
SM_V9_1 iris    CDS     14339443        14339742        .       +
        0       Parent=Smp_073610.1
SM_V9_1 iris    CDS     14340958        14341709        .       +
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SM_V9_1 iris    CDS     14342686        14342935        .       +
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SM_V9_1 iris    CDS     14344055        14344212        .       +
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        .       ID=Smp_073600;geneID=Smp_073600
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        .
ID=Smp_073600.1;Parent=Smp_073600;geneID=Smp_073600;product=Platelet
-activating factor acetylhydrolase IB subunit
beta;polypeptide_domain=InterPro:IPR013830 Pfam:PF13472
SM_V9_1 Liftoff exon    14364957        14365705        .       -
        .       Parent=Smp_073600.1
SM_V9_1 Liftoff exon    14366660        14366782        .       -
        .       Parent=Smp_073600.1
SM_V9_1 Liftoff exon    14366818        14366934        .       -
        .       Parent=Smp_073600.1
SM_V9_1 Liftoff exon    14366970        14367059        .       -
        .       Parent=Smp_073600.1
SM_V9_1 Liftoff exon    14367095        14367208        .       -
        .       Parent=Smp_073600.1
SM_V9_1 Liftoff CDS     14365412        14365705        .       -
        0       Parent=Smp_073600.1
SM_V9_1 Liftoff CDS     14366660        14366782        .       -
        0       Parent=Smp_073600.1
SM_V9_1 Liftoff CDS     14366818        14366934        .       -
        0       Parent=Smp_073600.1
SM_V9_1 Liftoff CDS     14366970        14367059        .       -
        0       Parent=Smp_073600.1
SM_V9_1 Liftoff CDS     14367095        14367157        .       -
        0       Parent=Smp_073600.1
SM_V9_1 Liftoff gene    14377312        14378556        .       +
        .       ID=Smp_073590;geneID=Smp_073590
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binding protein
SAR1b;polypeptide_domain=InterPro:IPR005225,IPR006687,IPR006689,IPR0
27417 Pfam:PF00025;Ontology_term=GO:0005525,GO:0005622,GO:0006886
SM_V9_1 Liftoff exon    14377312        14377739        .       +
       .       Parent=Smp_073590.1
SM_V9_1 Liftoff exon    14377777        14378556        .       +
       .       Parent=Smp_073590.1
SM_V9_1 Liftoff CDS     14377420        14377739        .       +
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SM_V9_1 Liftoff CDS     14377777        14378056        .       +
       1       Parent=Smp_073590.1
SM_V9_1 Liftoff gene    14384169        14408248        .       -
       .
ID=Smp_345320;geneID=Smp_345320;previous_systematic_id=Smp_161990
SM_V9_1 Liftoff mRNA    14384169        14408248        .       -
       .
ID=Smp_345320.1;Parent=Smp_345320;geneID=Smp_345320;product=Mitochon
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OXA1L;polypeptide_domain=InterPro:IPR001708,IPR028055
Pfam:PF02096;Ontology_term=GO:0016021,GO:0051205
SM_V9_1 Liftoff exon    14384169        14384447        .       -
       .       Parent=Smp_345320.1
SM_V9_1 Liftoff exon    14387123        14387282        .       -
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SM_V9_1 Liftoff exon    14391460        14391561        .       -
       .       Parent=Smp_345320.1
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       .       Parent=Smp_345320.1
SM_V9_1 Liftoff exon    14400344        14400429        .       -
       .       Parent=Smp_345320.1
SM_V9_1 Liftoff exon    14404516        14404659        .       -
       .       Parent=Smp_345320.1
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       .       Parent=Smp_345320.1
SM_V9_1 Liftoff CDS     14384230        14384447        .       -
       2       Parent=Smp_345320.1
SM_V9_1 Liftoff CDS     14387123        14387282        .       -
       0       Parent=Smp_345320.1
SM_V9_1 Liftoff CDS     14391460        14391561        .       -
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SM_V9_1 Liftoff CDS     14396689        14396853        .       -
       0       Parent=Smp_345320.1
SM_V9_1 Liftoff CDS     14400344        14400429        .       -
       2       Parent=Smp_345320.1
SM_V9_1 Liftoff CDS     14404516        14404659        .       -
       2       Parent=Smp_345320.1
SM_V9_1 Liftoff CDS     14405204        14405501        .       -
       0       Parent=Smp_345320.1
SM_V9_1 Liftoff mRNA    14384169        14408248        .       -
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ID=Smp_345320.2;Parent=Smp_345320;geneID=Smp_345320;product=Mitochon
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SM_V9_1 Liftoff exon    14387123        14387282        .       -
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SM_V9_1 Liftoff exon    14391460        14391561        .       -
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        .       Parent=Smp_345320.2
SM_V9_1 Liftoff exon    14400344        14400429        .       -
        .       Parent=Smp_345320.2
SM_V9_1 Liftoff exon    14404516        14404659        .       -
        .       Parent=Smp_345320.2
SM_V9_1 Liftoff exon    14405204        14408248        .       -
        .       Parent=Smp_345320.2
SM_V9_1 Liftoff CDS     14384230        14384447        .       -
        2       Parent=Smp_345320.2
SM_V9_1 Liftoff CDS     14387123        14387282        .       -
        0       Parent=Smp_345320.2
SM_V9_1 Liftoff CDS     14391460        14391561        .       -
        0       Parent=Smp_345320.2
SM_V9_1 Liftoff CDS     14396689        14396853        .       -
        0       Parent=Smp_345320.2
SM_V9_1 Liftoff CDS     14400344        14400429        .       -
        2       Parent=Smp_345320.2
SM_V9_1 Liftoff CDS     14404516        14404659        .       -
        2       Parent=Smp_345320.2
SM_V9_1 Liftoff CDS     14405204        14405423        .       -
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SM_V9_1 iris    gene    14429182        14443819        .       +
        .
ID=Smp_073490;geneID=Smp_073490;gene_name=Smp_073490;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    14429182        14443819        .       +
        .
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ied=2022-07-19;Name=Smp_073490.1;product=Dual specificity mitogen-
activated protein kinase kinase 6;date_creation=2022-07-19
SM_V9_1 iris    exon    14429182        14429266        .       +
        .       Parent=Smp_073490.1;Name=32fdf2ea-7b93-4014-804b-
da67b0515411
SM_V9_1 iris    exon    14430402        14430613        .       +
        .       Parent=Smp_073490.1;Name=8aab73b0-fde8-4548-88a6-
f2f7f55bbb4c
SM_V9_1 iris    exon    14435434        14435678        .       +
        .       Parent=Smp_073490.1;Name=7219804f-2f6b-45e0-
a950-56f70ed3f77c
SM_V9_1 iris    exon    14436939        14437094        .       +
        .
Parent=Smp_073490.1;Name=1d822e3e-216d-47f9-922d-9c7aec5ca260
SM_V9_1 iris    exon    14439214        14439432        .       +
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        .       Parent=Smp_073490.1;Name=8e92025f-7d7c-4d14-87fc-
b74ab42397c6
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        .       Parent=Smp_073490.1;Name=1a9d3834-7fff-4c68-
af8d-17fa21b6ab7b
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        0       Parent=Smp_073490.1
SM_V9_1 iris    CDS     14435434        14435678        .       +
        2       Parent=Smp_073490.1
SM_V9_1 iris    CDS     14436939        14437094        .       +
        0       Parent=Smp_073490.1
SM_V9_1 iris    CDS     14439214        14439432        .       +
        0       Parent=Smp_073490.1
SM_V9_1 iris    CDS     14442768        14442968        .       +
        0       Parent=Smp_073490.1
SM_V9_1 Liftoff gene    14465060        14477720        .       -
        .       ID=Smp_073500;geneID=Smp_073500
SM_V9_1 Liftoff mRNA    14465060        14477720        .       -
        .
ID=Smp_073500.1;Parent=Smp_073500;geneID=Smp_073500;product=Elongati
on factor Tu,
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161,IPR004541,IPR009000,IPR009001,IPR027417,IPR031157,IPR033720
Pfam:PF00009,PF03143,PF03144;Ontology_term=GO:0003746,GO:0003924,GO:
0005525,GO:0005622,GO:0006414
SM_V9_1 Liftoff exon    14465060        14465259        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff exon    14468631        14468807        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff exon    14470336        14470487        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff exon    14473702        14473936        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff exon    14473970        14474403        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff exon    14474435        14474561        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff exon    14474594        14474643        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff exon    14477593        14477720        .       -
        .       Parent=Smp_073500.1
SM_V9_1 Liftoff CDS     14465149        14465259        .       -
        0       Parent=Smp_073500.1
SM_V9_1 Liftoff CDS     14468631        14468807        .       -
        0       Parent=Smp_073500.1
SM_V9_1 Liftoff CDS     14470336        14470487        .       -
        2       Parent=Smp_073500.1
SM_V9_1 Liftoff CDS     14473702        14473936        .       -
        0       Parent=Smp_073500.1
SM_V9_1 Liftoff CDS     14473970        14474403        .       -
        2       Parent=Smp_073500.1
SM_V9_1 Liftoff CDS     14474435        14474561        .       -
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SM_V9_1 Liftoff CDS     14474594        14474643        .       -
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SM_V9_1 Liftoff CDS     14477593        14477623        .       -
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        .       ID=Smp_073510;geneID=Smp_073510
SM_V9_1 Liftoff mRNA    14498182        14506779        .       +
        .
ID=Smp_073510.1;Parent=Smp_073510;geneID=Smp_073510;product=Dual
specificity mitogen-activated protein kinase kinase
6;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    14498182        14498252        .       +
        .       Parent=Smp_073510.1
SM_V9_1 Liftoff exon    14500889        14501007        .       +
        .       Parent=Smp_073510.1
SM_V9_1 Liftoff exon    14502199        14502443        .       +
        .       Parent=Smp_073510.1
SM_V9_1 Liftoff exon    14503922        14504074        .       +
        .       Parent=Smp_073510.1
SM_V9_1 Liftoff exon    14504236        14504454        .       +
        .       Parent=Smp_073510.1
SM_V9_1 Liftoff exon    14505876        14506779        .       +
        .       Parent=Smp_073510.1
SM_V9_1 Liftoff CDS     14498221        14498252        .       +
        0       Parent=Smp_073510.1
SM_V9_1 Liftoff CDS     14500889        14501007        .       +
        1       Parent=Smp_073510.1
SM_V9_1 Liftoff CDS     14502199        14502443        .       +
        2       Parent=Smp_073510.1
SM_V9_1 Liftoff CDS     14503922        14504074        .       +
        0       Parent=Smp_073510.1
SM_V9_1 Liftoff CDS     14504236        14504454        .       +
        0       Parent=Smp_073510.1
SM_V9_1 Liftoff CDS     14505876        14506094        .       +
        0       Parent=Smp_073510.1
SM_V9_1 Liftoff mRNA    14500302        14506779        .       +
        .
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specificity mitogen-activated protein kinase kinase
6;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    14500302        14501007        .       +
        .       Parent=Smp_073510.2
SM_V9_1 Liftoff exon    14502199        14502443        .       +
        .       Parent=Smp_073510.2
SM_V9_1 Liftoff exon    14503922        14504074        .       +
        .       Parent=Smp_073510.2
SM_V9_1 Liftoff exon    14504236        14504454        .       +
        .       Parent=Smp_073510.2
SM_V9_1 Liftoff exon    14505876        14506779        .       +
        .       Parent=Smp_073510.2
SM_V9_1 Liftoff CDS     14500866        14501007        .       +
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SM_V9_1 Liftoff CDS     14502199        14502443        .       +
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        2       Parent=Smp_073510.2
SM_V9_1 Liftoff CDS     14503922        14504074        .       +
        0       Parent=Smp_073510.2
SM_V9_1 Liftoff CDS     14504236        14504454        .       +
        0       Parent=Smp_073510.2
SM_V9_1 Liftoff CDS     14505876        14506094        .       +
        0       Parent=Smp_073510.2
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        .       ID=Smp_161960;geneID=Smp_161960
SM_V9_1 Liftoff mRNA    14518270        14523074        .       +
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SDE2 homolog;polypeptide_domain=InterPro:IPR024974
Pfam:PF13019,PF13297
SM_V9_1 Liftoff exon    14518270        14521317        .       +
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SM_V9_1 Liftoff exon    14521356        14521631        .       +
        .       Parent=Smp_161960.1
SM_V9_1 Liftoff exon    14522608        14523074        .       +
        .       Parent=Smp_161960.1
SM_V9_1 Liftoff CDS     14520840        14521317        .       +
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SM_V9_1 Liftoff CDS     14521356        14521631        .       +
        2       Parent=Smp_161960.1
SM_V9_1 Liftoff CDS     14522608        14522867        .       +
        2       Parent=Smp_161960.1
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        .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    14523076        14563225        .       -
        .
ID=Smp_161970.1;Parent=Smp_161970;geneID=Smp_161970;gene_name=Smp_16
1970;owner=irisadmin@local.host;orig_id=Smp_161970.1;date_last_modif
ied=2022-07-19;Name=Smp_161970.1;product=EH domain-binding protein
1;date_creation=2022-07-19
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ac8dea7e7d83
SM_V9_1 iris    exon    14523696        14523810        .       -
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d524d9522136
SM_V9_1 iris    exon    14524793        14524866        .       -
        .       Parent=Smp_161970.1;Name=47939e2d-dfa0-4470-90c0-
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SM_V9_1 iris    exon    14525787        14526036        .       -
        .       Parent=Smp_161970.1;Name=370579fb-9e01-478a-
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SM_V9_1 iris    exon    14528139        14528413        .       -
        .       Parent=Smp_161970.1;Name=5981898e-15bd-4bc7-
ad67-0fa31f89d566
SM_V9_1 iris    exon    14535897        14536170        .       -
        .       Parent=Smp_161970.1;Name=224da52c-
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SM_V9_1 iris    exon    14537701        14537815        .       -
        .       Parent=Smp_161970.1;Name=7dc6f8db-f8d0-4bcd-a025-
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        .       Parent=Smp_161970.1;Name=1ec2ee48-814b-407b-
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SM_V9_1 iris    exon    14540311        14540469        .       -
        .       Parent=Smp_161970.1;Name=e6b5176e-3e76-4252-9d28-
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SM_V9_1 iris    exon    14542392        14542473        .       -
        .       Parent=Smp_161970.1;Name=6b161b5c-5208-4558-
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        .       Parent=Smp_161970.1;Name=93d5e5e2-8fd4-49e9-a107-
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SM_V9_1 iris    exon    14548807        14549021        .       -
        .       Parent=Smp_161970.1;Name=93d5648d-4174-44fe-
bc81-32e78b36a692
SM_V9_1 iris    exon    14550496        14550645        .       -
        .       Parent=Smp_161970.1;Name=f760d79b-4363-44e9-
bca9-571127341cf1
SM_V9_1 iris    exon    14553601        14553779        .       -
        .
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        .
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SM_V9_1 iris    CDS     14525959        14526036        .       -
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SM_V9_1 iris    CDS     14528139        14528413        .       -
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        0       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14537701        14537815        .       -
        1       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14538510        14538782        .       -
        1       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14540311        14540469        .       -
        1       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14542392        14542473        .       -
        2       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14545027        14545364        .       -
        1       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14548807        14549021        .       -
        0       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14550496        14550645        .       -
        0       Parent=Smp_161970.1
SM_V9_1 iris    CDS     14553601        14553759        .       -
        0       Parent=Smp_161970.1
SM_V9_1 iris    mRNA    14523076        14563225        .       -
        .
ID=Smp_161970.2;Parent=Smp_161970;geneID=Smp_161970;gene_name=Smp_16
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SM_V9_1 iris    exon    14523696        14523810        .       -
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Parent=Smp_161970.2;Name=41565033-1326-4dc3-8d83-6706ac7fb1a4
SM_V9_1 iris    exon    14524793        14524866        .       -
        .
Parent=Smp_161970.2;Name=f9925a47-56e3-4ecc-9966-28e1985419c5
SM_V9_1 iris    exon    14525787        14526036        .       -
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f70711491c55
SM_V9_1 iris    exon    14528139        14528413        .       -
        .       Parent=Smp_161970.2;Name=e4dc1f33-807c-4426-
b430-3301be753ab2
SM_V9_1 iris    exon    14531683        14531727        .       -
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Parent=Smp_161970.2;Name=55aacfa4-1ce9-45bd-80e0-3b7ac9785c48
SM_V9_1 iris    exon    14535897        14536170        .       -
        .       Parent=Smp_161970.2;Name=a55debbd-be4f-4ce4-a1ed-
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SM_V9_1 iris    exon    14537701        14537815        .       -
        .       Parent=Smp_161970.2;Name=8125e085-6006-4912-b070-
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SM_V9_1 iris    exon    14538510        14538782        .       -
        .       Parent=Smp_161970.2;Name=9530fbcf-e338-4d9a-900b-
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SM_V9_1 iris    exon    14540311        14540469        .       -
        .       Parent=Smp_161970.2;Name=ef093c42-2434-4274-a061-
f2187f201bf9
SM_V9_1 iris    exon    14542392        14542473        .       -
        .       Parent=Smp_161970.2;Name=76eee82b-
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SM_V9_1 iris    exon    14545027        14545364        .       -
        .
Parent=Smp_161970.2;Name=8d56808d-0634-4ba1-8a8a-8f04daac1867
SM_V9_1 iris    exon    14548807        14549021        .       -
        .       Parent=Smp_161970.2;Name=dd1bbc80-0811-4dcd-8ad2-
c79a609fa62e
SM_V9_1 iris    exon    14550496        14550645        .       -
        .       Parent=Smp_161970.2;Name=87d33603-2969-4a85-
b7ce-93fbf0906331
SM_V9_1 iris    exon    14553601        14553779        .       -
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Parent=Smp_161970.2;Name=9663d09b-753c-453f-9a37-1636a68cae7d
SM_V9_1 iris    exon    14563110        14563225        .       -
        .       Parent=Smp_161970.2;Name=46204fd1-
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SM_V9_1 iris    CDS     14525959        14526036        .       -
        0       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14528139        14528413        .       -
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SM_V9_1 iris    CDS     14531683        14531727        .       -
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        2       Parent=Smp_161970.2
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        0       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14537701        14537815        .       -
        1       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14538510        14538782        .       -
        1       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14540311        14540469        .       -
        1       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14542392        14542473        .       -
        2       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14545027        14545364        .       -
        1       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14548807        14549021        .       -
        0       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14550496        14550645        .       -
        0       Parent=Smp_161970.2
SM_V9_1 iris    CDS     14553601        14553759        .       -
        0       Parent=Smp_161970.2
SM_V9_1 Liftoff gene    14578895        14579640        .       -
        .       ID=Smp_073540;geneID=Smp_073540
SM_V9_1 Liftoff mRNA    14578895        14579640        .       -
        .
ID=Smp_073540.1;Parent=Smp_073540;geneID=Smp_073540;product=Prefoldi
n subunit 5;polypeptide_domain=InterPro:IPR004127,IPR011599
Pfam:PF02996;Ontology_term=GO:0006457,GO:0016272,GO:0051082
SM_V9_1 Liftoff exon    14578895        14579272        .       -
        .       Parent=Smp_073540.1
SM_V9_1 Liftoff exon    14579315        14579640        .       -
        .       Parent=Smp_073540.1
SM_V9_1 Liftoff CDS     14579099        14579272        .       -
        0       Parent=Smp_073540.1
SM_V9_1 Liftoff CDS     14579315        14579599        .       -
        0       Parent=Smp_073540.1
SM_V9_1 iris    gene    14585171        14616820        .       -
        .
ID=Smp_161980;geneID=Smp_161980;gene_name=Smp_161980;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    14585171        14616820        .       -
        .
ID=Smp_161980.1;Parent=Smp_161980;geneID=Smp_161980;gene_name=Smp_16
1980;owner=irisadmin@local.host;orig_id=Smp_161980.1;date_last_modif
ied=2022-08-27;Name=Smp_161980.1;product=DIS3-like exonuclease
1;date_creation=2022-08-27
SM_V9_1 iris    exon    14585171        14586176        .       -
        .       Parent=Smp_161980.1;Name=7b087236-5f61-462f-
b38b-0776f0159d0c
SM_V9_1 iris    exon    14587000        14587269        .       -
        .       Parent=Smp_161980.1;Name=af4c127b-8e05-47a3-9a3a-
ee38c253de9f
SM_V9_1 iris    exon    14589937        14590054        .       -
        .       Parent=Smp_161980.1;Name=149e53a5-73fc-4bc0-8aaf-
b0644f29f679
SM_V9_1 iris    exon    14590793        14591112        .       -
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        .       Parent=Smp_161980.1;Name=1fe7ea61-bbda-4de9-9139-
d4fabab4b827
SM_V9_1 iris    exon    14592675        14592839        .       -
        .       Parent=Smp_161980.1;Name=c163dea0-ccb8-446f-
bd4a-99d8f71c926d
SM_V9_1 iris    exon    14593449        14593688        .       -
        .       Parent=Smp_161980.1;Name=d3b9562d-9d9d-4d9d-ae7e-
da3f31566023
SM_V9_1 iris    exon    14594882        14595067        .       -
        .
Parent=Smp_161980.1;Name=c4df806f-539b-4f5e-89e2-033b414dc110
SM_V9_1 iris    exon    14596965        14597208        .       -
        .       Parent=Smp_161980.1;Name=55ce3d2f-bd20-4c56-8055-
faae3b4ec906
SM_V9_1 iris    exon    14599486        14599883        .       -
        .
Parent=Smp_161980.1;Name=65996e3d-43fe-441e-94b2-5cda7e15e985
SM_V9_1 iris    exon    14600985        14601138        .       -
        .       Parent=Smp_161980.1;Name=a250598d-9e51-440d-
a358-82067824a293
SM_V9_1 iris    exon    14601825        14602107        .       -
        .       Parent=Smp_161980.1;Name=03ccc24f-23e2-4743-
b3cd-83bce9dfa4a0
SM_V9_1 iris    exon    14610275        14610453        .       -
        .
Parent=Smp_161980.1;Name=d8d51fae-6b24-4f19-87c1-5ffb3e149a8b
SM_V9_1 iris    exon    14610655        14610796        .       -
        .
Parent=Smp_161980.1;Name=0814f4e1-78bb-4ddd-8a1f-4d67afaa57cf
SM_V9_1 iris    exon    14611075        14611252        .       -
        .       Parent=Smp_161980.1;Name=5617de4e-8c71-49ad-972d-
afe5265210b6
SM_V9_1 iris    exon    14616044        14616176        .       -
        .       Parent=Smp_161980.1;Name=9946fa2e-0f5b-4fdf-91d3-
c1c3cc9c0ec6
SM_V9_1 iris    exon    14616209        14616363        .       -
        .       Parent=Smp_161980.1;Name=a62863e1-2f6e-4684-bc1d-
faca338f791c
SM_V9_1 iris    exon    14616400        14616530        .       -
        .
Parent=Smp_161980.1;Name=cf5aa0d4-5623-4773-8776-104e9775b1b9
SM_V9_1 iris    exon    14616561        14616820        .       -
        .       Parent=Smp_161980.1;Name=9d5248c6-504f-4092-
b4e0-55a6cee5178d
SM_V9_1 iris    CDS     14586000        14586176        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14587000        14587269        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14589937        14590054        .       -
        1       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14590793        14591112        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14592675        14592839        .       -
        0       Parent=Smp_161980.1
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SM_V9_1 iris    CDS     14593449        14593688        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14594882        14595067        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14596965        14597208        .       -
        1       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14599486        14599883        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14600985        14601138        .       -
        1       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14601825        14602107        .       -
        2       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14610275        14610453        .       -
        1       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14610655        14610796        .       -
        2       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14611075        14611252        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14616044        14616176        .       -
        1       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14616209        14616363        .       -
        0       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14616400        14616530        .       -
        2       Parent=Smp_161980.1
SM_V9_1 iris    CDS     14616561        14616717        .       -
        0       Parent=Smp_161980.1
SM_V9_1 Liftoff gene    14640950        14643644        .       +
        .       ID=Smp_073570;geneID=Smp_073570
SM_V9_1 Liftoff mRNA    14640950        14643644        .       +
        .
ID=Smp_073570.1;Parent=Smp_073570;geneID=Smp_073570;product=DNA-
directed RNA polymerases I, II, and III subunit
RPABC2;polypeptide_domain=InterPro:IPR006110,IPR006111,IPR012293,IPR
020708,IPR028363
Pfam:PF01192;Ontology_term=GO:0003677,GO:0003899,GO:0005634,GO:00056
65,GO:0006351
SM_V9_1 Liftoff exon    14640950        14641959        .       +
        .       Parent=Smp_073570.1
SM_V9_1 Liftoff exon    14643231        14643644        .       +
        .       Parent=Smp_073570.1
SM_V9_1 Liftoff CDS     14641869        14641959        .       +
        0       Parent=Smp_073570.1
SM_V9_1 Liftoff CDS     14643231        14643544        .       +
        2       Parent=Smp_073570.1
SM_V9_1 iris    gene    14649975        14659568        .       -
        .
ID=Smp_073560;geneID=Smp_073560;gene_name=Smp_073560;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    14649975        14659568        .       -
        .
ID=Smp_073560.1;Parent=Smp_073560;geneID=Smp_073560;gene_name=Smp_07
3560;owner=irisadmin@local.host;orig_id=Smp_073560.1;date_last_modif
ied=2022-08-27;Name=Smp_073560.1;product=Target of rapamycin complex
subunit LST8;date_creation=2022-08-27
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SM_V9_1 iris    exon    14649975        14650901        .       -
        .       Parent=Smp_073560.1;Name=8fc61ded-eafd-410b-b19b-
bb1279c145a1
SM_V9_1 iris    exon    14653998        14654252        .       -
        .
Parent=Smp_073560.1;Name=8e5a2e33-9315-4440-9a46-43a70bea8a47
SM_V9_1 iris    exon    14656809        14657054        .       -
        .       Parent=Smp_073560.1;Name=b27313e0-69d4-43ac-8910-
d0c43a5e1a91
SM_V9_1 iris    exon    14657093        14657222        .       -
        .       Parent=Smp_073560.1;Name=454467de-
b470-4464-90a0-12ce8dc6c681
SM_V9_1 iris    exon    14659209        14659353        .       -
        .       Parent=Smp_073560.1;Name=12d2112c-0ed4-4184-
b0f0-4eb4d4461b4f
SM_V9_1 iris    exon    14659407        14659568        .       -
        .       Parent=Smp_073560.1;Name=268fa4a2-4b73-465a-9f06-
e4bf885f4def
SM_V9_1 iris    CDS     14650569        14650901        .       -
        0       Parent=Smp_073560.1
SM_V9_1 iris    CDS     14653998        14654252        .       -
        0       Parent=Smp_073560.1
SM_V9_1 iris    CDS     14656809        14657054        .       -
        0       Parent=Smp_073560.1
SM_V9_1 iris    CDS     14657093        14657212        .       -
        0       Parent=Smp_073560.1
SM_V9_1 Liftoff gene    14670540        14679242        .       +
        .       ID=Smp_079240;geneID=Smp_079240
SM_V9_1 Liftoff mRNA    14670540        14679242        .       +
        .
ID=Smp_079240.1;Parent=Smp_079240;geneID=Smp_079240;product=Deoxyuri
dine 5'-triphosphate nucleotidohydrolase,
mitochondrial;polypeptide_domain=InterPro:IPR008181,IPR029054,IPR033
704 Pfam:PF00692;Ontology_term=GO:0004170,GO:0046080
SM_V9_1 Liftoff exon    14670540        14672731        .       +
        .       Parent=Smp_079240.1
SM_V9_1 Liftoff exon    14674665        14674817        .       +
        .       Parent=Smp_079240.1
SM_V9_1 Liftoff exon    14679045        14679242        .       +
        .       Parent=Smp_079240.1
SM_V9_1 Liftoff CDS     14672546        14672731        .       +
        0       Parent=Smp_079240.1
SM_V9_1 Liftoff CDS     14674665        14674817        .       +
        0       Parent=Smp_079240.1
SM_V9_1 Liftoff CDS     14679045        14679170        .       +
        0       Parent=Smp_079240.1
SM_V9_1 Liftoff gene    14684015        14684496        .       -
        .       ID=Smp_079230;geneID=Smp_079230
SM_V9_1 Liftoff mRNA    14684015        14684496        .       -
        .
ID=Smp_079230.1;Parent=Smp_079230;geneID=Smp_079230;product=immunoph
ilin FK506 binding protein FKBP12, putative;evidence=Traceable
Author
Statement;literature=PMID:12467969;polypeptide_domain=InterPro:IPR00
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1179 Pfam:PF00254
SM_V9_1 Liftoff exon    14684015        14684234        .       -
        .       Parent=Smp_079230.1
SM_V9_1 Liftoff exon    14684273        14684496        .       -
        .       Parent=Smp_079230.1
SM_V9_1 Liftoff CDS     14684073        14684234        .       -
        0       Parent=Smp_079230.1
SM_V9_1 Liftoff CDS     14684273        14684437        .       -
        0       Parent=Smp_079230.1
SM_V9_1 Liftoff gene    14706030        14706974        .       +
        .       ID=Smp_079430;geneID=Smp_079430
SM_V9_1 Liftoff mRNA    14706030        14706974        .       +
        .
ID=Smp_079430.1;Parent=Smp_079430;geneID=Smp_079430;product=GTP-
binding nuclear protein
Ran;polypeptide_domain=InterPro:IPR001806,IPR002041,IPR005225,IPR027
417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0006886,GO:00069
13,GO:0007165
SM_V9_1 Liftoff exon    14706030        14706213        .       +
        .       Parent=Smp_079430.1
SM_V9_1 Liftoff exon    14706251        14706564        .       +
        .       Parent=Smp_079430.1
SM_V9_1 Liftoff exon    14706596        14706766        .       +
        .       Parent=Smp_079430.1
SM_V9_1 Liftoff exon    14706799        14706974        .       +
        .       Parent=Smp_079430.1
SM_V9_1 Liftoff CDS     14706096        14706213        .       +
        0       Parent=Smp_079430.1
SM_V9_1 Liftoff CDS     14706251        14706564        .       +
        2       Parent=Smp_079430.1
SM_V9_1 Liftoff CDS     14706596        14706766        .       +
        0       Parent=Smp_079430.1
SM_V9_1 Liftoff CDS     14706799        14706846        .       +
        0       Parent=Smp_079430.1
SM_V9_1 iris    gene    14725160        14741103        .       +
        .
ID=Smp_079420;geneID=Smp_079420;gene_name=Smp_079420;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    14725160        14741103        .       +
        .
ID=Smp_079420.1;Parent=Smp_079420;geneID=Smp_079420;gene_name=Smp_07
9420;owner=irisadmin@local.host;orig_id=Smp_079420.1;date_last_modif
ied=2022-07-19;Name=Smp_079420.1;product=Ankyrin repeat domain-
containing protein 42;date_creation=2022-07-19
SM_V9_1 iris    exon    14725160        14725217        .       +
        .       Parent=Smp_079420.1;Name=66f08796-0f79-44bc-b97f-
c2efcc8349b7
SM_V9_1 iris    exon    14725966        14726152        .       +
        .       Parent=Smp_079420.1;Name=f52743b1-f260-42a6-982a-
bd42273e1bf7
SM_V9_1 iris    exon    14726201        14726428        .       +
        .       Parent=Smp_079420.1;Name=471a98be-fc98-457e-
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SM_V9_1 iris    exon    14727379        14727514        .       +
        .       Parent=Smp_079420.1;Name=aeb71e71-bfa4-4c37-
bd92-5b44b229871c
SM_V9_1 iris    exon    14728763        14729098        .       +
        .       Parent=Smp_079420.1;Name=296399c0-0d93-42f8-
b36f-5f7e3d44d69a
SM_V9_1 iris    exon    14730184        14730453        .       +
        .
Parent=Smp_079420.1;Name=f5fb2dec-1d56-4da7-9bbc-1048303482fa
SM_V9_1 iris    exon    14732772        14732901        .       +
        .       Parent=Smp_079420.1;Name=4b6884f5-6af6-4e63-
b46d-26fb80820ad9
SM_V9_1 iris    exon    14735629        14735640        .       +
        .       Parent=Smp_079420.1;Name=ebabdbc3-6cc7-49e1-
bc06-9c6a6c58c945
SM_V9_1 iris    exon    14737765        14737909        .       +
        .       Parent=Smp_079420.1;Name=fc50f20c-a208-4f38-a462-
eceaf2e84c2c
SM_V9_1 iris    exon    14740791        14741103        .       +
        .
Parent=Smp_079420.1;Name=8e66cd95-1575-4595-9f74-488f2564ae91
SM_V9_1 iris    CDS     14725988        14726152        .       +
        0       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14726201        14726428        .       +
        0       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14727379        14727514        .       +
        0       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14728763        14729098        .       +
        2       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14730184        14730453        .       +
        2       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14732772        14732901        .       +
        2       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14735629        14735640        .       +
        1       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14737765        14737909        .       +
        1       Parent=Smp_079420.1
SM_V9_1 iris    CDS     14740791        14740925        .       +
        0       Parent=Smp_079420.1
SM_V9_1 Liftoff gene    14748346        14770259        .       -
        .       ID=Smp_079410;geneID=Smp_079410
SM_V9_1 Liftoff mRNA    14748346        14770259        .       -
        .
ID=Smp_079410.1;Parent=Smp_079410;geneID=Smp_079410;product=serine:t
hreonine protein kinase;evidence=Traceable Author
Statement;literature=PMID:20350550;polypeptide_domain=InterPro:IPR00
0719,IPR000959,IPR008266,IPR011009,IPR017441,IPR033696,IPR033698,IPR
033699
Pfam:PF00069,PF00659;Ontology_term=GO:0004672,GO:0005515,GO:0005524,
GO:0006468
SM_V9_1 Liftoff exon    14748346        14749241        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff exon    14752831        14753125        .       -
        .       Parent=Smp_079410.1
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SM_V9_1 Liftoff exon    14753693        14754681        .       -
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SM_V9_1 Liftoff exon    14755498        14755783        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff exon    14755928        14756013        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff exon    14757284        14757396        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff exon    14758484        14758595        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff exon    14759692        14759787        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff exon    14760669        14760764        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff exon    14770115        14770259        .       -
        .       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14748654        14749241        .       -
        0       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14752831        14753125        .       -
        1       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14753693        14754681        .       -
        0       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14755498        14755783        .       -
        1       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14755928        14756013        .       -
        0       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14757284        14757396        .       -
        2       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14758484        14758595        .       -
        0       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14759692        14759787        .       -
        0       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14760669        14760764        .       -
        0       Parent=Smp_079410.1
SM_V9_1 Liftoff CDS     14770115        14770150        .       -
        0       Parent=Smp_079410.1
SM_V9_1 Liftoff gene    14778094        14778806        .       -
        .       ID=Smp_322760;geneID=Smp_322760
SM_V9_1 Liftoff mRNA    14778094        14778806        .       -
        .
ID=Smp_322760.1;Parent=Smp_322760;geneID=Smp_322760;product=Uncharac
terized membrane protein YvbJ
SM_V9_1 Liftoff exon    14778094        14778806        .       -
        .       Parent=Smp_322760.1
SM_V9_1 Liftoff CDS     14778389        14778568        .       -
        0       Parent=Smp_322760.1
SM_V9_1 Liftoff gene    14785186        14802416        .       -
        .       ID=Smp_079400;geneID=Smp_079400
SM_V9_1 Liftoff mRNA    14785186        14802416        .       -
        .
ID=Smp_079400.1;Parent=Smp_079400;geneID=Smp_079400;product=RING
finger protein 150;polypeptide_domain=InterPro:IPR001841,IPR013083
Pfam:PF13639
SM_V9_1 Liftoff exon    14785186        14786766        .       -
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        .       Parent=Smp_079400.1
SM_V9_1 Liftoff exon    14789916        14790726        .       -
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SM_V9_1 Liftoff exon    14792487        14792569        .       -
        .       Parent=Smp_079400.1
SM_V9_1 Liftoff exon    14794034        14794105        .       -
        .       Parent=Smp_079400.1
SM_V9_1 Liftoff exon    14800378        14802416        .       -
        .       Parent=Smp_079400.1
SM_V9_1 Liftoff CDS     14786137        14786766        .       -
        0       Parent=Smp_079400.1
SM_V9_1 Liftoff CDS     14789916        14790726        .       -
        1       Parent=Smp_079400.1
SM_V9_1 Liftoff CDS     14792487        14792569        .       -
        0       Parent=Smp_079400.1
SM_V9_1 Liftoff CDS     14794034        14794105        .       -
        0       Parent=Smp_079400.1
SM_V9_1 Liftoff CDS     14800378        14800914        .       -
        0       Parent=Smp_079400.1
SM_V9_1 Liftoff gene    14817551        14880934        .       +
        .
ID=Smp_337460;geneID=Smp_337460;previous_systematic_id=Smp_079390,Sm
p_164970,Smp_24580
SM_V9_1 Liftoff mRNA    14817551        14880934        .       +
        .
ID=Smp_337460.1;Parent=Smp_337460;geneID=Smp_337460;product=eIF-2-
alpha kinase
GCN2;polypeptide_domain=InterPro:IPR000719,IPR006575,IPR008271,IPR01
1009,IPR016135,IPR017441
Pfam:PF00069,PF05773;Ontology_term=GO:0004672,GO:0005515,GO:0005524,
GO:0006468
SM_V9_1 Liftoff exon    14817551        14820624        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14820660        14820802        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14822815        14822917        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14824752        14824895        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14827576        14827623        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14830277        14830317        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14832361        14832642        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14832680        14832915        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14835101        14835384        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14839172        14839236        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14840531        14840651        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14843734        14844043        .       +
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        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14849334        14849440        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14850479        14850603        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14853412        14853755        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14856496        14856718        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14858821        14858866        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14859591        14859875        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14860689        14860892        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14863039        14863248        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14864829        14864978        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14865193        14865344        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14867542        14867988        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14869363        14869429        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14871579        14872073        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14872929        14873224        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14873885        14874056        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14875384        14875791        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14878365        14878843        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff exon    14880485        14880934        .       +
        .       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14820532        14820624        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14820660        14820802        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14822815        14822917        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14824752        14824895        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14827576        14827623        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14830277        14830317        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14832361        14832642        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14832680        14832915        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14835101        14835384        .       +
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        2       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14839172        14839236        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14840531        14840651        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14843734        14844043        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14849334        14849440        .       +
        2       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14850479        14850603        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14853412        14853755        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14856496        14856718        .       +
        2       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14858821        14858866        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14859591        14859875        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14860689        14860892        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14863039        14863248        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14864829        14864978        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14865193        14865344        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14867542        14867988        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14869363        14869429        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14871579        14872073        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14872929        14873224        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14873885        14874056        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14875384        14875791        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14878365        14878843        .       +
        0       Parent=Smp_337460.1
SM_V9_1 Liftoff CDS     14880485        14880515        .       +
        1       Parent=Smp_337460.1
SM_V9_1 Liftoff gene    14889570        14913722        .       +
        .       ID=Smp_322860;geneID=Smp_322860
SM_V9_1 Liftoff mRNA    14889570        14913722        .       +
        .
ID=Smp_322860.1;Parent=Smp_322860;geneID=Smp_322860;product=Neural
proliferation differentiation and control protein
1;polypeptide_domain=InterPro:IPR009635
Pfam:PF06809;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    14889570        14889847        .       +
        .       Parent=Smp_322860.1
SM_V9_1 Liftoff exon    14895186        14895272        .       +
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        .       Parent=Smp_322860.1
SM_V9_1 Liftoff exon    14902985        14903054        .       +
        .       Parent=Smp_322860.1
SM_V9_1 Liftoff exon    14908832        14908978        .       +
        .       Parent=Smp_322860.1
SM_V9_1 Liftoff exon    14911414        14911477        .       +
        .       Parent=Smp_322860.1
SM_V9_1 Liftoff exon    14913153        14913722        .       +
        .       Parent=Smp_322860.1
SM_V9_1 Liftoff CDS     14889775        14889847        .       +
        0       Parent=Smp_322860.1
SM_V9_1 Liftoff CDS     14895186        14895272        .       +
        2       Parent=Smp_322860.1
SM_V9_1 Liftoff CDS     14902985        14903054        .       +
        2       Parent=Smp_322860.1
SM_V9_1 Liftoff CDS     14908832        14908978        .       +
        1       Parent=Smp_322860.1
SM_V9_1 Liftoff CDS     14911414        14911477        .       +
        1       Parent=Smp_322860.1
SM_V9_1 Liftoff CDS     14913153        14913254        .       +
        0       Parent=Smp_322860.1
SM_V9_1 Liftoff gene    14921783        14950826        .       -
        .       ID=Smp_079380;geneID=Smp_079380
SM_V9_1 Liftoff mRNA    14921783        14950826        .       -
        .
ID=Smp_079380.1;Parent=Smp_079380;geneID=Smp_079380;product=serine
palmitoyltransferase
2;polypeptide_domain=InterPro:IPR001917,IPR004839,IPR015421,IPR01542
2,IPR015424
Pfam:PF00155;Ontology_term=GO:0003824,GO:0008152,GO:0009058,GO:00167
40,GO:0030170
SM_V9_1 Liftoff exon    14921783        14927009        .       -
        .       Parent=Smp_079380.1
SM_V9_1 Liftoff exon    14929058        14929313        .       -
        .       Parent=Smp_079380.1
SM_V9_1 Liftoff exon    14931345        14931701        .       -
        .       Parent=Smp_079380.1
SM_V9_1 Liftoff exon    14934847        14935046        .       -
        .       Parent=Smp_079380.1
SM_V9_1 Liftoff exon    14946039        14946309        .       -
        .       Parent=Smp_079380.1
SM_V9_1 Liftoff exon    14950339        14950826        .       -
        .       Parent=Smp_079380.1
SM_V9_1 Liftoff CDS     14926746        14927009        .       -
        0       Parent=Smp_079380.1
SM_V9_1 Liftoff CDS     14929058        14929313        .       -
        1       Parent=Smp_079380.1
SM_V9_1 Liftoff CDS     14931345        14931701        .       -
        1       Parent=Smp_079380.1
SM_V9_1 Liftoff CDS     14934847        14935046        .       -
        0       Parent=Smp_079380.1
SM_V9_1 Liftoff CDS     14946039        14946309        .       -
        1       Parent=Smp_079380.1
SM_V9_1 Liftoff CDS     14950339        14950376        .       -
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        0       Parent=Smp_079380.1
SM_V9_1 Liftoff mRNA    14921783        14950826        .       -
        .
ID=Smp_079380.2;Parent=Smp_079380;geneID=Smp_079380;product=Serine
palmitoyltransferase
2;polypeptide_domain=InterPro:IPR001917,IPR004839,IPR015421,IPR01542
2,IPR015424
Pfam:PF00155;Ontology_term=GO:0003824,GO:0008152,GO:0009058,GO:00167
40,GO:0030170
SM_V9_1 Liftoff exon    14921783        14927009        .       -
        .       Parent=Smp_079380.2
SM_V9_1 Liftoff exon    14929058        14929313        .       -
        .       Parent=Smp_079380.2
SM_V9_1 Liftoff exon    14931345        14931701        .       -
        .       Parent=Smp_079380.2
SM_V9_1 Liftoff exon    14934847        14935046        .       -
        .       Parent=Smp_079380.2
SM_V9_1 Liftoff exon    14946039        14946309        .       -
        .       Parent=Smp_079380.2
SM_V9_1 Liftoff exon    14950339        14950826        .       -
        .       Parent=Smp_079380.2
SM_V9_1 Liftoff CDS     14926746        14927009        .       -
        0       Parent=Smp_079380.2
SM_V9_1 Liftoff CDS     14929058        14929313        .       -
        1       Parent=Smp_079380.2
SM_V9_1 Liftoff CDS     14931345        14931701        .       -
        1       Parent=Smp_079380.2
SM_V9_1 Liftoff CDS     14934847        14935046        .       -
        0       Parent=Smp_079380.2
SM_V9_1 Liftoff CDS     14946039        14946309        .       -
        1       Parent=Smp_079380.2
SM_V9_1 Liftoff CDS     14950339        14950682        .       -
        0       Parent=Smp_079380.2
SM_V9_1 iris    gene    14960201        14989661        .       +
        .
ID=Smp_079370;geneID=Smp_079370;gene_name=Smp_079370;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    14960201        14989661        .       +
        .
ID=Smp_079370.1;Parent=Smp_079370;geneID=Smp_079370;gene_name=Smp_07
9370;owner=irisadmin@local.host;orig_id=Smp_079370.1;date_last_modif
ied=2022-07-19;Name=Smp_079370.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_1 iris    exon    14960201        14960317        .       +
        .       Parent=Smp_079370.1;Name=a4119b3a-43c5-4ef7-8dae-
f6c0bd3f1e17
SM_V9_1 iris    exon    14960356        14960401        .       +
        .       Parent=Smp_079370.1;Name=509b138b-9cf0-4c46-
afcb-952866f9b7d1
SM_V9_1 iris    exon    14960432        14960629        .       +
        .       Parent=Smp_079370.1;Name=2815e32d-c9bc-43db-
a682-65da4458fffd
SM_V9_1 iris    exon    14961803        14962506        .       +
        .       Parent=Smp_079370.1;Name=35593cc1-
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dd0f-4428-9872-2d3f5c413ed1
SM_V9_1 iris    exon    14963585        14963664        .       +
        .       Parent=Smp_079370.1;Name=d66f9074-5bb4-4dbc-9b23-
aa23615fca73
SM_V9_1 iris    exon    14968850        14968928        .       +
        .       Parent=Smp_079370.1;Name=262f5238-
da4f-4f13-8079-97a9afdea18a
SM_V9_1 iris    exon    14970218        14970297        .       +
        .       Parent=Smp_079370.1;Name=06ab218d-5ba9-414e-
bbee-918ec198e675
SM_V9_1 iris    exon    14978889        14979181        .       +
        .       Parent=Smp_079370.1;Name=85242f1f-facf-4506-9cf1-
daa2440f6b21
SM_V9_1 iris    exon    14979221        14979469        .       +
        .       Parent=Smp_079370.1;Name=8a911715-f959-4202-
b49d-3a663e3bd6d7
SM_V9_1 iris    exon    14980339        14980833        .       +
        .
Parent=Smp_079370.1;Name=9de41b04-5a96-4145-9c3c-81599bc8b449
SM_V9_1 iris    exon    14981986        14982187        .       +
        .       Parent=Smp_079370.1;Name=13f0e9b9-0e66-44d6-a4bf-
c9ec4be0f234
SM_V9_1 iris    exon    14986137        14986493        .       +
        .
Parent=Smp_079370.1;Name=fe8a7000-362d-4dd0-812f-932ea6f7d223
SM_V9_1 iris    exon    14987502        14988115        .       +
        .       Parent=Smp_079370.1;Name=b5db16fb-5392-464f-bbc6-
cb4542387225
SM_V9_1 iris    exon    14989244        14989661        .       +
        .
Parent=Smp_079370.1;Name=8ee55954-58e7-475e-9239-3a2f5f024ac7
SM_V9_1 iris    CDS     14960261        14960317        .       +
        0       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14960356        14960401        .       +
        0       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14960432        14960629        .       +
        2       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14961803        14962506        .       +
        2       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14963585        14963664        .       +
        0       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14968850        14968928        .       +
        1       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14970218        14970297        .       +
        0       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14978889        14979181        .       +
        1       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14979221        14979469        .       +
        2       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14980339        14980833        .       +
        2       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14981986        14982187        .       +
        2       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14986137        14986493        .       +
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        1       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14987502        14988115        .       +
        1       Parent=Smp_079370.1
SM_V9_1 iris    CDS     14989244        14989302        .       +
        2       Parent=Smp_079370.1
SM_V9_1 iris    gene    14991563        15018944        .       -
        .
ID=Smp_164960;geneID=Smp_164960;gene_name=Smp_164960;owner=irisadmin
@local.host;date_last_modified=2022-11-11;date_creation=2022-11-11
SM_V9_1 iris    mRNA    14991563        15018944        .       -
        .
ID=Smp_164960.1;Parent=Smp_164960;geneID=Smp_164960;gene_name=Smp_16
4960;owner=irisadmin@local.host;orig_id=Smp_164960.1;date_last_modif
ied=2022-11-11;Name=Smp_164960.1;product=Phosphatidylinositol 4,5-
bisphosphate 3-kinase catalytic subunit alpha
isoform;date_creation=2022-11-11
SM_V9_1 iris    exon    14991563        14992751        .       -
        .       Parent=Smp_164960.1;Name=351e58c2-
fffa-4313-8c8e-085f68a611be
SM_V9_1 iris    exon    14995951        14996487        .       -
        .
Parent=Smp_164960.1;Name=23383b7e-3974-401d-80dc-5253ff0bdd13
SM_V9_1 iris    exon    14998854        14999606        .       -
        .       Parent=Smp_164960.1;Name=b8ee440b-50fe-4703-
b1fe-5ac5653b2721
SM_V9_1 iris    exon    15004932        15005105        .       -
        .       Parent=Smp_164960.1;Name=31d3447b-1898-4809-
b2bf-5bb41bda7b5f
SM_V9_1 iris    exon    15006060        15006206        .       -
        .       Parent=Smp_164960.1;Name=ab36bc50-3535-433f-
a97d-3e82c1764b94
SM_V9_1 iris    exon    15007852        15009058        .       -
        .       Parent=Smp_164960.1;Name=ca37998d-04f6-4ff2-
aa3e-539aff152fd1
SM_V9_1 iris    exon    15012048        15012310        .       -
        .       Parent=Smp_164960.1;Name=46ff5761-b556-4b15-
a336-4f52fec5d6cc
SM_V9_1 iris    exon    15013804        15013940        .       -
        .       Parent=Smp_164960.1;Name=c61c65ec-
eac6-47b1-9625-7850d05ea02f
SM_V9_1 iris    exon    15018853        15018944        .       -
        .       Parent=Smp_164960.1;Name=4516fe3c-7deb-4c46-
a2cd-267c17b29420
SM_V9_1 iris    CDS     14991912        14992751        .       -
        0       Parent=Smp_164960.1
SM_V9_1 iris    CDS     14995951        14996487        .       -
        0       Parent=Smp_164960.1
SM_V9_1 iris    CDS     14998854        14999606        .       -
        0       Parent=Smp_164960.1
SM_V9_1 iris    CDS     15004932        15005105        .       -
        0       Parent=Smp_164960.1
SM_V9_1 iris    CDS     15006060        15006206        .       -
        0       Parent=Smp_164960.1
SM_V9_1 iris    CDS     15007852        15009058        .       -
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        1       Parent=Smp_164960.1
SM_V9_1 iris    CDS     15012048        15012310        .       -
        0       Parent=Smp_164960.1
SM_V9_1 iris    CDS     15013804        15013905        .       -
        0       Parent=Smp_164960.1
SM_V9_1 Liftoff gene    15034768        15039162        .       +
        .       ID=Smp_164950;geneID=Smp_164950
SM_V9_1 Liftoff mRNA    15034768        15039162        .       +
        .
ID=Smp_164950.1;Parent=Smp_164950;geneID=Smp_164950;product=Exodeoxy
ribonuclease 7 small subunit
SM_V9_1 Liftoff exon    15034768        15036298        .       +
        .       Parent=Smp_164950.1
SM_V9_1 Liftoff exon    15037163        15037379        .       +
        .       Parent=Smp_164950.1
SM_V9_1 Liftoff exon    15038532        15038602        .       +
        .       Parent=Smp_164950.1
SM_V9_1 Liftoff exon    15038783        15039162        .       +
        .       Parent=Smp_164950.1
SM_V9_1 Liftoff CDS     15036181        15036298        .       +
        0       Parent=Smp_164950.1
SM_V9_1 Liftoff CDS     15037163        15037379        .       +
        2       Parent=Smp_164950.1
SM_V9_1 Liftoff CDS     15038532        15038602        .       +
        1       Parent=Smp_164950.1
SM_V9_1 Liftoff CDS     15038783        15039003        .       +
        2       Parent=Smp_164950.1
SM_V9_1 Liftoff gene    15039607        15058274        .       -
        .       ID=Smp_164940;geneID=Smp_164940
SM_V9_1 Liftoff mRNA    15039607        15058274        .       -
        .
ID=Smp_164940.1;Parent=Smp_164940;geneID=Smp_164940;product=RNA-
binding protein
Nova-1;polypeptide_domain=InterPro:IPR004087,IPR004088
Pfam:PF00013;Ontology_term=GO:0003676,GO:0003723
SM_V9_1 Liftoff exon    15039607        15044725        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff exon    15046138        15046470        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff exon    15047518        15048093        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff exon    15050973        15051680        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff exon    15051941        15052094        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff exon    15053921        15054204        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff exon    15057800        15057937        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff exon    15057973        15058274        .       -
        .       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15044400        15044725        .       -
        2       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15046138        15046470        .       -
```

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        2       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15047518        15048093        .       -
        2       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15050973        15051680        .       -
        2       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15051941        15052094        .       -
        0       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15053921        15054204        .       -
        2       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15057800        15057937        .       -
        2       Parent=Smp_164940.1
SM_V9_1 Liftoff CDS     15057973        15058042        .       -
        0       Parent=Smp_164940.1
SM_V9_1 iris    gene    15066000        15110682        .       +
        .
ID=Smp_164930;geneID=Smp_164930;gene_name=Smp_164930;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    15066000        15110682        .       +
        .
ID=Smp_164930.1;Parent=Smp_164930;geneID=Smp_164930;gene_name=Smp_16
4930;owner=irisadmin@local.host;orig_id=Smp_164930.1;date_last_modif
ied=2022-08-26;Name=Smp_164930.1;product=Activated CDC42 kinase
1;date_creation=2022-08-26
SM_V9_1 iris    exon    15066000        15066284        .       +
        .       Parent=Smp_164930.1;Name=7e8461ea-6b5a-4a60-8187-
c2c51311e128
SM_V9_1 iris    exon    15069352        15069402        .       +
        .       Parent=Smp_164930.1;Name=a9cecb37-ebb7-44fb-
ab72-363ad9ced05f
SM_V9_1 iris    exon    15069435        15069522        .       +
        .       Parent=Smp_164930.1;Name=15cc0ca2-6ddd-440d-
b5c9-82810558ae23
SM_V9_1 iris    exon    15071441        15071651        .       +
        .       Parent=Smp_164930.1;Name=7a831e8a-12a4-4e35-b1fc-
e0298c7e1c22
SM_V9_1 iris    exon    15072820        15073107        .       +
        .       Parent=Smp_164930.1;Name=75321ab6-
f565-43ac-989a-96ee2b96a59d
SM_V9_1 iris    exon    15075992        15076141        .       +
        .       Parent=Smp_164930.1;Name=389e3a13-65e9-4abc-ad06-
b7e3a0b38a42
SM_V9_1 iris    exon    15077245        15077642        .       +
        .       Parent=Smp_164930.1;Name=b1e90f6e-2035-4a4b-
b506-7724bba2acd1
SM_V9_1 iris    exon    15080797        15081070        .       +
        .
Parent=Smp_164930.1;Name=69c40293-2e7c-464d-80a2-4ce94cbd6d5c
SM_V9_1 iris    exon    15082620        15082815        .       +
        .       Parent=Smp_164930.1;Name=8bd8382a-188f-4435-919d-
b32a9151bc69
SM_V9_1 iris    exon    15084696        15084801        .       +
        .       Parent=Smp_164930.1;Name=391b216d-ad71-4e0b-ae57-
f6d3fa9559bc
SM_V9_1 iris    exon    15087144        15087580        .       +
```

```
        .       Parent=Smp_164930.1;Name=b010ee67-
a5df-490a-8000-9265c081329b
SM_V9_1 iris    exon    15089611        15090020        .       +
        .
Parent=Smp_164930.1;Name=a4981e0c-7c14-4e58-9f0f-8b67fe1e9010
SM_V9_1 iris    exon    15095085        15095625        .       +
        .       Parent=Smp_164930.1;Name=8c5b3de2-2b60-415e-8c7e-
c1802217cca8
SM_V9_1 iris    exon    15100524        15100609        .       +
        .
Parent=Smp_164930.1;Name=046d2a41-66d5-4c58-859a-87ce3d2fe684
SM_V9_1 iris    exon    15104657        15104687        .       +
        .       Parent=Smp_164930.1;Name=7ec6b1a1-1d90-4331-87a5-
af2f303c0a56
SM_V9_1 iris    exon    15106774        15106847        .       +
        .       Parent=Smp_164930.1;Name=df36751a-
f57f-4fe2-839a-7939cf6e4054
SM_V9_1 iris    exon    15109422        15110682        .       +
        .       Parent=Smp_164930.1;Name=b8fbb786-d21a-444c-8248-
deda8cc7bf98
SM_V9_1 iris    CDS     15069372        15069402        .       +
        0       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15069435        15069522        .       +
        2       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15071441        15071651        .       +
        1       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15072820        15073107        .       +
        0       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15075992        15076141        .       +
        0       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15077245        15077642        .       +
        0       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15080797        15081070        .       +
        1       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15082620        15082815        .       +
        0       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15084696        15084801        .       +
        2       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15087144        15087580        .       +
        1       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15089611        15090020        .       +
        2       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15095085        15095625        .       +
        0       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15100524        15100609        .       +
        2       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15104657        15104687        .       +
        0       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15106774        15106847        .       +
        2       Parent=Smp_164930.1
SM_V9_1 iris    CDS     15109422        15109757        .       +
        0       Parent=Smp_164930.1
SM_V9_1 Liftoff gene    15114897        15115304        .       -
        .       ID=Smp_322960;geneID=Smp_322960
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SM_V9_1 Liftoff mRNA    15114897        15115304        .       -
        .
ID=Smp_322960.1;Parent=Smp_322960;geneID=Smp_322960;product=Tyrosine
-protein phosphatase 24 (Fragment)
SM_V9_1 Liftoff exon    15114897        15115304        .       -
        .       Parent=Smp_322960.1
SM_V9_1 Liftoff CDS     15115013        15115255        .       -
        0       Parent=Smp_322960.1
SM_V9_1 Liftoff gene    15135058        15137833        .       +
        .       ID=Smp_079310;geneID=Smp_079310
SM_V9_1 Liftoff mRNA    15135058        15137833        .       +
        .
ID=Smp_079310.1;Parent=Smp_079310;geneID=Smp_079310;product=Transmem
brane emp24 domain-containing protein
10;polypeptide_domain=InterPro:IPR009038
Pfam:PF01105;Ontology_term=GO:0006810,GO:0016021
SM_V9_1 Liftoff exon    15135058        15135454        .       +
        .       Parent=Smp_079310.1
SM_V9_1 Liftoff exon    15135491        15135561        .       +
        .       Parent=Smp_079310.1
SM_V9_1 Liftoff exon    15135594        15135720        .       +
        .       Parent=Smp_079310.1
SM_V9_1 Liftoff exon    15137439        15137833        .       +
        .       Parent=Smp_079310.1
SM_V9_1 Liftoff CDS     15135154        15135454        .       +
        0       Parent=Smp_079310.1
SM_V9_1 Liftoff CDS     15135491        15135561        .       +
        2       Parent=Smp_079310.1
SM_V9_1 Liftoff CDS     15135594        15135720        .       +
        0       Parent=Smp_079310.1
SM_V9_1 Liftoff CDS     15137439        15137560        .       +
        2       Parent=Smp_079310.1
SM_V9_1 iris    gene    15142856        15167434        .       -
        .
ID=Smp_164890;geneID=Smp_164890;gene_name=Smp_164890;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    15142856        15167434        .       -
        .
ID=Smp_164890.1;Parent=Smp_164890;geneID=Smp_164890;gene_name=Smp_16
4890;owner=irisadmin@local.host;orig_id=Smp_164890.1;date_last_modif
ied=2022-07-19;Name=Smp_164890.1;product=TATA box-binding protein-
associated factor RNA polymerase I subunit
B;date_creation=2022-07-19
SM_V9_1 iris    exon    15142856        15143314        .       -
        .       Parent=Smp_164890.1;Name=e5c40f25-6428-4010-bb9f-
f5b37bc09fdd
SM_V9_1 iris    exon    15145365        15145965        .       -
        .       Parent=Smp_164890.1;Name=7b31539f-d661-4cde-
adf4-8b23c1390323
SM_V9_1 iris    exon    15148103        15148465        .       -
        .       Parent=Smp_164890.1;Name=9883f904-605b-4c30-99f0-
d4cfb252d41d
SM_V9_1 iris    exon    15149653        15149896        .       -
        .       Parent=Smp_164890.1;Name=5607ae84-8046-4baf-
```

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b892-6dea6d47b1ce
SM_V9_1 iris    exon    15153239        15153387        .       -
        .       Parent=Smp_164890.1;Name=6d8f2b31-1e3e-4012-
af66-4adc81a5ef20
SM_V9_1 iris    exon    15155315        15155579        .       -
        .       Parent=Smp_164890.1;Name=a3a89bfc-caec-472c-a42e-
f87d547acd63
SM_V9_1 iris    exon    15157497        15157781        .       -
        .
Parent=Smp_164890.1;Name=973c7b8e-5ce2-43d9-91c8-46aca0771bac
SM_V9_1 iris    exon    15159606        15160006        .       -
        .       Parent=Smp_164890.1;Name=d0a88daa-51f6-43bb-
be2d-4ab1290269b5
SM_V9_1 iris    exon    15161383        15161673        .       -
        .       Parent=Smp_164890.1;Name=8261c4bb-b0ad-445a-
ab33-12e5e2a24a4b
SM_V9_1 iris    exon    15163724        15163839        .       -
        .       Parent=Smp_164890.1;Name=78b334b1-f791-493c-b584-
d3a32fbc8bf4
SM_V9_1 iris    exon    15167305        15167434        .       -
        .       Parent=Smp_164890.1;Name=f7cd55a7-0661-4ef5-98d0-
f22cb149372f
SM_V9_1 iris    CDS     15143016        15143314        .       -
        2       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15145365        15145965        .       -
        0       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15148103        15148465        .       -
        0       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15149653        15149896        .       -
        1       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15153239        15153387        .       -
        0       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15155315        15155579        .       -
        1       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15157497        15157781        .       -
        1       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15159606        15160006        .       -
        0       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15161383        15161673        .       -
        0       Parent=Smp_164890.1
SM_V9_1 iris    CDS     15163724        15163834        .       -
        0       Parent=Smp_164890.1
SM_V9_1 iris    gene    15176178        15177675        .       +
        .
ID=Smp_305200;geneID=Smp_305200;gene_name=Smp_305200;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    15176178        15177675        .       +
        .
ID=Smp_305200.1;Parent=Smp_305200;geneID=Smp_305200;gene_name=Smp_30
5200;owner=irisadmin@local.host;orig_id=Smp_305200.1;date_last_modif
ied=2022-07-19;Name=Smp_305200.1;product=RNA-binding protein
4.1;date_creation=2022-07-19
SM_V9_1 iris    exon    15176178        15176346        .       +
        .       Parent=Smp_305200.1;Name=e688864d-5b24-4bf4-
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afa2-6c54d5157311
SM_V9_1 iris    exon    15176381        15176678        .       +
        .       Parent=Smp_305200.1;Name=4dd46222-ae46-4a04-976e-
b2b246f637df
SM_V9_1 iris    exon    15176713        15177025        .       +
        .       Parent=Smp_305200.1;Name=45fb6ddf-f314-41e2-bcfd-
bad4ef1a4ea3
SM_V9_1 iris    exon    15177059        15177166        .       +
        .       Parent=Smp_305200.1;Name=3907c1f8-6988-4ec5-
adb0-52898ac89c69
SM_V9_1 iris    exon    15177207        15177233        .       +
        .       Parent=Smp_305200.1;Name=19003aea-d092-4b9e-
abac-3f54c02d458d
SM_V9_1 iris    exon    15177414        15177675        .       +
        .       Parent=Smp_305200.1;Name=884b96a7-a907-4373-
a28c-988dc8324d81
SM_V9_1 iris    CDS     15176227        15176346        .       +
        0       Parent=Smp_305200.1
SM_V9_1 iris    CDS     15176381        15176678        .       +
        0       Parent=Smp_305200.1
SM_V9_1 iris    CDS     15176713        15177025        .       +
        2       Parent=Smp_305200.1
SM_V9_1 iris    CDS     15177059        15177166        .       +
        1       Parent=Smp_305200.1
SM_V9_1 iris    CDS     15177207        15177228        .       +
        1       Parent=Smp_305200.1
SM_V9_1 iris    gene    15198968        15200464        .       +
        .
ID=Smp_314650;geneID=Smp_314650;gene_name=Smp_314650;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    15198968        15200464        .       +
        .
ID=Smp_314650.1;Parent=Smp_314650;geneID=Smp_314650;gene_name=Smp_31
4650;owner=irisadmin@local.host;orig_id=Smp_314650.1;date_last_modif
ied=2022-07-19;Name=Smp_314650.1;product=RNA-binding protein
4.1;date_creation=2022-07-19
SM_V9_1 iris    exon    15198968        15199129        .       +
        .       Parent=Smp_314650.1;Name=9b855142-f752-433f-b5e2-
dc6099c3a847
SM_V9_1 iris    exon    15199164        15199461        .       +
        .       Parent=Smp_314650.1;Name=20587520-b8ad-4c89-9b81-
f6b08cb51756
SM_V9_1 iris    exon    15199496        15199808        .       +
        .       Parent=Smp_314650.1;Name=f96fe1bc-9702-409b-
a76a-853d9d99e8d5
SM_V9_1 iris    exon    15199842        15199949        .       +
        .
Parent=Smp_314650.1;Name=02253692-5056-4a95-858f-4e4a5a118f5f
SM_V9_1 iris    exon    15199990        15200016        .       +
        .       Parent=Smp_314650.1;Name=7ae70665-ff80-4a73-be13-
f545a029825d
SM_V9_1 iris    exon    15200197        15200464        .       +
        .       Parent=Smp_314650.1;Name=63e86b77-da1f-49e8-
b197-5b70818b10f8
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SM_V9_1 iris    CDS     15199010        15199129        .       +
        0       Parent=Smp_314650.1
SM_V9_1 iris    CDS     15199164        15199461        .       +
        0       Parent=Smp_314650.1
SM_V9_1 iris    CDS     15199496        15199808        .       +
        2       Parent=Smp_314650.1
SM_V9_1 iris    CDS     15199842        15199949        .       +
        1       Parent=Smp_314650.1
SM_V9_1 iris    CDS     15199990        15200011        .       +
        1       Parent=Smp_314650.1
SM_V9_1 iris    gene    15210948        15231553        .       +
        .
ID=Smp_079270;geneID=Smp_079270;gene_name=Smp_079270;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    15210948        15231553        .       +
        .
ID=Smp_079270.1;Parent=Smp_079270;geneID=Smp_079270;gene_name=Smp_07
9270;owner=irisadmin@local.host;orig_id=Smp_079270.1;date_last_modif
ied=2022-07-19;Name=Smp_079270.1;product=Muscle LIM protein
1;date_creation=2022-07-19
SM_V9_1 iris    exon    15210948        15211337        .       +
        .
Parent=Smp_079270.1;Name=c8c46442-16cb-4167-8e99-6fd5b4fc4653
SM_V9_1 iris    exon    15218114        15218235        .       +
        .       Parent=Smp_079270.1;Name=7d19c27e-9077-4db2-
a959-9111df41ac58
SM_V9_1 iris    exon    15230955        15231553        .       +
        .       Parent=Smp_079270.1;Name=695c3fe7-7724-4595-aa66-
ec5829aa8655
SM_V9_1 iris    CDS     15211323        15211337        .       +
        0       Parent=Smp_079270.1
SM_V9_1 iris    CDS     15218114        15218235        .       +
        0       Parent=Smp_079270.1
SM_V9_1 iris    CDS     15230955        15231048        .       +
        1       Parent=Smp_079270.1
SM_V9_1 iris    gene    15247375        15278256        .       -
        .
ID=Smp_079260;geneID=Smp_079260;gene_name=Smp_079260;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    15247375        15278256        .       -
        .
ID=Smp_079260.1;Parent=Smp_079260;geneID=Smp_079260;gene_name=Smp_07
9260;owner=irisadmin@local.host;orig_id=Smp_079260.1;date_last_modif
ied=2022-08-27;Name=Smp_079260.1;product=LIM/homeobox protein
Lhx2;date_creation=2022-08-27
SM_V9_1 iris    exon    15247375        15248251        .       -
        .
Parent=Smp_079260.1;Name=09ae663b-338a-47a9-90f1-73c97be488c7
SM_V9_1 iris    exon    15250875        15251065        .       -
        .       Parent=Smp_079260.1;Name=463cd13b-a44e-449c-a2a5-
a2fb3c7fe5e9
SM_V9_1 iris    exon    15252101        15253311        .       -
        .       Parent=Smp_079260.1;Name=1d13ebd6-c648-4dac-8789-
f3d87ac0a050
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SM_V9_1 iris    exon    15273512        15274205        .       -
        .
Parent=Smp_079260.1;Name=de287a46-4e64-4190-9248-5b328ec782c2
SM_V9_1 iris    exon    15277962        15278256        .       -
        .       Parent=Smp_079260.1;Name=cf5f355e-8f27-420c-
ab88-33b396fcd23c
SM_V9_1 iris    CDS     15247421        15248251        .       -
        0       Parent=Smp_079260.1
SM_V9_1 iris    CDS     15250875        15251065        .       -
        2       Parent=Smp_079260.1
SM_V9_1 iris    CDS     15252101        15253311        .       -
        1       Parent=Smp_079260.1
SM_V9_1 iris    CDS     15273512        15274182        .       -
        0       Parent=Smp_079260.1
SM_V9_1 Liftoff gene    15318169        15318654        .       -
        .       ID=Smp_053390;geneID=Smp_053390
SM_V9_1 Liftoff mRNA    15318169        15318654        .       -
        .
ID=Smp_053390.1;Parent=Smp_053390;geneID=Smp_053390;product=Histone
H4;polypeptide_domain=InterPro:IPR001951,IPR004823,IPR009072,IPR0198
09,IPR035425
Pfam:PF15511;Ontology_term=GO:0000786,GO:0003677,GO:0005634,GO:00063
34,GO:0006352,GO:0046982
SM_V9_1 Liftoff exon    15318169        15318654        .       -
        .       Parent=Smp_053390.1
SM_V9_1 Liftoff CDS     15318279        15318590        .       -
        0       Parent=Smp_053390.1
SM_V9_1 Liftoff gene    15328262        15338234        .       -
        .       ID=Smp_323010;geneID=Smp_323010
SM_V9_1 Liftoff mRNA    15328262        15338234        .       -
        .
ID=Smp_323010.1;Parent=Smp_323010;geneID=Smp_323010;product=MDS1 and
EVI1 complex locus protein
EVI1;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    15328262        15328951        .       -
        .       Parent=Smp_323010.1
SM_V9_1 Liftoff exon    15330373        15338234        .       -
        .       Parent=Smp_323010.1
SM_V9_1 Liftoff CDS     15328347        15328951        .       -
        2       Parent=Smp_323010.1
SM_V9_1 Liftoff CDS     15330373        15331657        .       -
        0       Parent=Smp_323010.1
SM_V9_1 iris    gene    15359894        15457259        .       +
        .
ID=Smp_150750;geneID=Smp_150750;gene_name=Smp_150750;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    15359894        15457259        .       +
        .
ID=Smp_150750.1;Parent=Smp_150750;geneID=Smp_150750;gene_name=Smp_15
0750;owner=irisadmin@local.host;orig_id=Smp_150750.1;date_last_modif
ied=2022-08-27;Name=Smp_150750.1;product=Centriolin;date_creation=20
22-08-27
SM_V9_1 iris    exon    15359894        15360186        .       +
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        .       Parent=Smp_150750.1;Name=3a64ebaa-c66d-4b19-97c4-
da67b5dd0cb4
SM_V9_1 iris    exon    15360223        15360506        .       +
        .       Parent=Smp_150750.1;Name=b4a0ec0a-4181-4007-ade1-
eacfee1acb82
SM_V9_1 iris    exon    15360539        15360643        .       +
        .       Parent=Smp_150750.1;Name=edd10490-115d-41e6-8d70-
a23628192866
SM_V9_1 iris    exon    15363204        15363468        .       +
        .       Parent=Smp_150750.1;Name=920ecb29-36e5-48ea-
b7b0-25ccf004c916
SM_V9_1 iris    exon    15363552        15363745        .       +
        .       Parent=Smp_150750.1;Name=c0d8c92b-b8b0-47b1-
aaf3-2b62056bf4d5
SM_V9_1 iris    exon    15365627        15365776        .       +
        .       Parent=Smp_150750.1;Name=b7df3c02-8414-4806-a946-
b528ec9069b5
SM_V9_1 iris    exon    15369420        15369698        .       +
        .       Parent=Smp_150750.1;Name=217c3d58-e71a-4bb9-
b027-10c22c985f7a
SM_V9_1 iris    exon    15373178        15373253        .       +
        .
Parent=Smp_150750.1;Name=8b0af250-9bd9-4a34-95f0-99f8d72c88bc
SM_V9_1 iris    exon    15374840        15374955        .       +
        .       Parent=Smp_150750.1;Name=b27d0ae9-2965-48a6-92b2-
d499da3a131f
SM_V9_1 iris    exon    15377178        15377300        .       +
        .
Parent=Smp_150750.1;Name=159b9fcd-26df-480a-9272-262f14b48e9a
SM_V9_1 iris    exon    15379763        15380047        .       +
        .       Parent=Smp_150750.1;Name=f301f275-5a35-4f24-
a38b-97104ad421c6
SM_V9_1 iris    exon    15381700        15381948        .       +
        .       Parent=Smp_150750.1;Name=ee847567-9536-4cdf-
ade4-765d9d28ab2e
SM_V9_1 iris    exon    15384972        15385185        .       +
        .
Parent=Smp_150750.1;Name=9b5d3528-5d28-457a-84ec-2bc0cd49742a
SM_V9_1 iris    exon    15388452        15388715        .       +
        .       Parent=Smp_150750.1;Name=b80d2a6b-
d089-4083-95b5-49e43917f57e
SM_V9_1 iris    exon    15390148        15390485        .       +
        .       Parent=Smp_150750.1;Name=a517be00-eadc-496e-
a2e0-136ac6fc3356
SM_V9_1 iris    exon    15391974        15392102        .       +
        .       Parent=Smp_150750.1;Name=cead90a2-11cb-44b2-
ad71-4db3c0d37aac
SM_V9_1 iris    exon    15396505        15396994        .       +
        .       Parent=Smp_150750.1;Name=e28b8f72-87ea-4a1f-b927-
dd12c8e49570
SM_V9_1 iris    exon    15398254        15398591        .       +
        .
Parent=Smp_150750.1;Name=add3218a-1580-4236-90d6-1acfdefe7ed9
SM_V9_1 iris    exon    15400057        15400159        .       +
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        .       Parent=Smp_150750.1;Name=7bb5c415-
d0c2-447a-8db1-399dbe7b666c
SM_V9_1 iris    exon    15400686        15400702        .       +
        .       Parent=Smp_150750.1;Name=8ebfc326-b522-4f82-
ab87-565670c1a993
SM_V9_1 iris    exon    15401205        15401325        .       +
        .       Parent=Smp_150750.1;Name=231c5a4d-
fafd-41fd-878e-92fcdefd1078
SM_V9_1 iris    exon    15402361        15402468        .       +
        .       Parent=Smp_150750.1;Name=03b5809c-4cad-4011-8ff6-
cf44f31fcdf9
SM_V9_1 iris    exon    15403203        15403346        .       +
        .       Parent=Smp_150750.1;Name=ac246f63-6900-4816-ab69-
d891790cf700
SM_V9_1 iris    exon    15406262        15406518        .       +
        .
Parent=Smp_150750.1;Name=82a58ec0-7db9-4376-90ed-4ee4584fa321
SM_V9_1 iris    exon    15411461        15411514        .       +
        .
Parent=Smp_150750.1;Name=3acc81bf-8a12-4584-96d4-3655d9476c85
SM_V9_1 iris    exon    15413532        15413635        .       +
        .       Parent=Smp_150750.1;Name=3eb5204d-22c6-46ac-8b8d-
db87dfbd2937
SM_V9_1 iris    exon    15416016        15416169        .       +
        .       Parent=Smp_150750.1;Name=8284fefd-df17-4621-aacb-
f580aacdca4b
SM_V9_1 iris    exon    15417877        15418023        .       +
        .       Parent=Smp_150750.1;Name=e21ff890-d811-4093-ba7c-
fded531f2a8a
SM_V9_1 iris    exon    15419090        15419214        .       +
        .       Parent=Smp_150750.1;Name=eadc84a8-
d615-4a2d-8528-9c308c00544a
SM_V9_1 iris    exon    15422123        15422249        .       +
        .
Parent=Smp_150750.1;Name=4b0c7936-9384-491e-9a82-87da49ec1943
SM_V9_1 iris    exon    15427179        15427352        .       +
        .       Parent=Smp_150750.1;Name=d125d17a-dc34-4b12-
ba55-71a3e0f41cf1
SM_V9_1 iris    exon    15428671        15428778        .       +
        .       Parent=Smp_150750.1;Name=0def090c-f378-4e30-877b-
a7c0da5a18e7
SM_V9_1 iris    exon    15430643        15430846        .       +
        .       Parent=Smp_150750.1;Name=2493afae-57ce-424e-
b9c5-63c0b38fb394
SM_V9_1 iris    exon    15433238        15433410        .       +
        .       Parent=Smp_150750.1;Name=fcc5d233-a97b-4dbe-
af47-1247d49cfc10
SM_V9_1 iris    exon    15435372        15435557        .       +
        .
Parent=Smp_150750.1;Name=8f6e2f72-25e6-49b3-953a-14b3107bc868
SM_V9_1 iris    exon    15438507        15438741        .       +
        .       Parent=Smp_150750.1;Name=2c348b51-f688-45f5-
a70f-9c04b54833b1
SM_V9_1 iris    exon    15441728        15441781        .       +
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        .       Parent=Smp_150750.1;Name=90e48671-9395-4b05-
bcd4-9e1e2e3c0c4d
SM_V9_1 iris    exon    15442986        15443087        .       +
        .
Parent=Smp_150750.1;Name=437ca1ce-45db-4214-86c0-8f6e1f79b697
SM_V9_1 iris    exon    15444048        15444117        .       +
        .       Parent=Smp_150750.1;Name=f5a66117-ca6e-492a-
b1ef-526211449935
SM_V9_1 iris    exon    15445621        15445934        .       +
        .       Parent=Smp_150750.1;Name=6a2588dc-
bc68-4f47-9545-835b6a9856dd
SM_V9_1 iris    exon    15446811        15446849        .       +
        .       Parent=Smp_150750.1;Name=613c7862-bedd-4f31-
b708-3cfcbc5ec2ad
SM_V9_1 iris    exon    15449495        15449722        .       +
        .
Parent=Smp_150750.1;Name=f69c8d1b-1d55-4a75-9523-21878f69d0c6
SM_V9_1 iris    exon    15450245        15450604        .       +
        .       Parent=Smp_150750.1;Name=84163a1a-
aea5-4eeb-93fd-3f3849103e83
SM_V9_1 iris    exon    15452505        15452664        .       +
        .       Parent=Smp_150750.1;Name=811687ce-ad4c-42e1-
af02-53caa01913c4
SM_V9_1 iris    exon    15456258        15457259        .       +
        .       Parent=Smp_150750.1;Name=a4f1e41d-b374-4f9d-
befe-52a71bcc4318
SM_V9_1 iris    CDS     15360108        15360186        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15360223        15360506        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15360539        15360643        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15363204        15363468        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15363552        15363745        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15365627        15365776        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15369420        15369698        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15373178        15373253        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15374840        15374955        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15377178        15377300        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15379763        15380047        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15381700        15381948        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15384972        15385185        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15388452        15388715        .       +
        2       Parent=Smp_150750.1
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SM_V9_1 iris    CDS     15390148        15390485        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15391974        15392102        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15396505        15396994        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15398254        15398591        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15400057        15400159        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15400686        15400702        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15401205        15401325        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15402361        15402468        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15403203        15403346        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15406262        15406518        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15411461        15411514        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15413532        15413635        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15416016        15416169        .       +
        1       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15417877        15418023        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15419090        15419214        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15422123        15422249        .       +
        1       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15427179        15427352        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15428671        15428778        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15430643        15430846        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15433238        15433410        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15435372        15435557        .       +
        1       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15438507        15438741        .       +
        1       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15441728        15441781        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15442986        15443087        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15444048        15444117        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15445621        15445934        .       +
        2       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15446811        15446849        .       +
        0       Parent=Smp_150750.1
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SM_V9_1 iris    CDS     15449495        15449722        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15450245        15450604        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    CDS     15452505        15452645        .       +
        0       Parent=Smp_150750.1
SM_V9_1 iris    gene    15457704        15510804        .       -
        .
ID=Smp_150740;geneID=Smp_150740;gene_name=Smp_150740;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    15457704        15510804        .       -
        .
ID=Smp_150740.1;Parent=Smp_150740;geneID=Smp_150740;gene_name=Smp_15
0740;owner=irisadmin@local.host;orig_id=Smp_150740.1;date_last_modif
ied=2022-07-19;Name=Smp_150740.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_1 iris    exon    15457704        15458586        .       -
        .       Parent=Smp_150740.1;Name=3ad2bb46-ab9e-4313-8ad1-
d124ad2d9462
SM_V9_1 iris    exon    15462308        15462769        .       -
        .       Parent=Smp_150740.1;Name=0eeb3fbb-13ae-4f30-
b5bd-59f5a9fc4b80
SM_V9_1 iris    exon    15464066        15464939        .       -
        .
Parent=Smp_150740.1;Name=0f17b85c-8343-44fa-8cab-1a6971daa8df
SM_V9_1 iris    exon    15468405        15468564        .       -
        .       Parent=Smp_150740.1;Name=8c477e3b-5e6e-4935-
bab8-38531411c666
SM_V9_1 iris    exon    15473541        15473650        .       -
        .       Parent=Smp_150740.1;Name=7cf3b0b8-ff9d-486f-b0aa-
e934ae09d927
SM_V9_1 iris    exon    15475545        15476326        .       -
        .       Parent=Smp_150740.1;Name=451185cd-5232-4453-ac90-
a828c0bb84b8
SM_V9_1 iris    exon    15480179        15480871        .       -
        .       Parent=Smp_150740.1;Name=d8b92847-
d9a8-4297-8cbe-3b82a180e1da
SM_V9_1 iris    exon    15482524        15482654        .       -
        .       Parent=Smp_150740.1;Name=b9eb38f9-f1e8-40bb-
a92b-07c21b24a749
SM_V9_1 iris    exon    15484806        15485363        .       -
        .       Parent=Smp_150740.1;Name=278fe337-5f79-4445-8dae-
c18a92901ba9
SM_V9_1 iris    exon    15489527        15489682        .       -
        .       Parent=Smp_150740.1;Name=27ce1bdc-e419-402c-
ae47-80dbf18b702d
SM_V9_1 iris    exon    15497131        15497345        .       -
        .       Parent=Smp_150740.1;Name=0a9490c0-25f1-498a-8308-
ea96ab7d68cf
SM_V9_1 iris    exon    15510648        15510804        .       -
        .
Parent=Smp_150740.1;Name=5e4d6c40-74a2-47ac-9843-65c84602afa0
SM_V9_1 iris    CDS     15462314        15462769        .       -
        0       Parent=Smp_150740.1
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SM_V9_1 iris    CDS     15464066        15464939        .       -
        1       Parent=Smp_150740.1
SM_V9_1 iris    CDS     15468405        15468564        .       -
        2       Parent=Smp_150740.1
SM_V9_1 iris    CDS     15473541        15473650        .       -
        1       Parent=Smp_150740.1
SM_V9_1 iris    CDS     15475545        15476326        .       -
        0       Parent=Smp_150740.1
SM_V9_1 iris    CDS     15480179        15480871        .       -
        0       Parent=Smp_150740.1
SM_V9_1 iris    CDS     15482524        15482654        .       -
        2       Parent=Smp_150740.1
SM_V9_1 iris    CDS     15484806        15485363        .       -
        2       Parent=Smp_150740.1
SM_V9_1 iris    CDS     15489527        15489563        .       -
        0       Parent=Smp_150740.1
SM_V9_1 Liftoff gene    15560893        15660633        .       -
        .
ID=Smp_336870;geneID=Smp_336870;previous_systematic_id=Smp_150730,Sm
p_200350
SM_V9_1 Liftoff mRNA    15560893        15660633        .       -
        .
ID=Smp_336870.1;Parent=Smp_336870;geneID=Smp_336870;product=Discoidi
n domain-containing receptor
2;polypeptide_domain=InterPro:IPR000421,IPR008979 Pfam:PF00754
SM_V9_1 Liftoff exon    15560893        15564561        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15566141        15567073        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15568311        15568581        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15570705        15571417        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15572948        15573322        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15573867        15573968        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15575112        15575328        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15576446        15576891        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15579836        15579989        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15581860        15581952        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15584380        15584515        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15585698        15585941        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff exon    15660295        15660633        .       -
        .       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15564326        15564561        .       -
        2       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15566141        15567073        .       -
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        2       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15568311        15568581        .       -
        0       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15570705        15571417        .       -
        2       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15572948        15573322        .       -
        2       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15573867        15573968        .       -
        2       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15575112        15575328        .       -
        0       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15576446        15576891        .       -
        2       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15579836        15579989        .       -
        0       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15581860        15581952        .       -
        0       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15584380        15584515        .       -
        1       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15585698        15585941        .       -
        2       Parent=Smp_336870.1
SM_V9_1 Liftoff CDS     15660295        15660433        .       -
        0       Parent=Smp_336870.1
SM_V9_1 Liftoff mRNA    15560901        15660631        .       -
        .
ID=Smp_336870.2;Parent=Smp_336870;geneID=Smp_336870;product=Discoidi
n domain-containing receptor
2;polypeptide_domain=InterPro:IPR000421,IPR008979 Pfam:PF00754
SM_V9_1 Liftoff exon    15560901        15564561        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15566141        15567073        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15568311        15568581        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15570705        15571417        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15572948        15573322        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15573867        15573968        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15575112        15575328        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15576446        15576891        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15579836        15579989        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15581860        15581952        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15584380        15584515        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15585698        15585941        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff exon    15615486        15615503        .       -
        .       Parent=Smp_336870.2
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SM_V9_1 Liftoff exon    15660313        15660631        .       -
        .       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15564326        15564561        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15566141        15567073        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15568311        15568581        .       -
        0       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15570705        15571417        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15572948        15573322        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15573867        15573968        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15575112        15575328        .       -
        0       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15576446        15576891        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15579836        15579989        .       -
        0       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15581860        15581952        .       -
        0       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15584380        15584515        .       -
        1       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15585698        15585941        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15615486        15615503        .       -
        2       Parent=Smp_336870.2
SM_V9_1 Liftoff CDS     15660313        15660433        .       -
        0       Parent=Smp_336870.2
SM_V9_1 Liftoff mRNA    15560901        15660631        .       -
        .
ID=Smp_336870.3;Parent=Smp_336870;geneID=Smp_336870;product=Discoidi
n domain-containing receptor
2;polypeptide_domain=InterPro:IPR000421,IPR008979 Pfam:PF00754
SM_V9_1 Liftoff exon    15560901        15564561        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15566141        15567073        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15568311        15568581        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15570705        15571417        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15572948        15573322        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15573867        15573968        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15575112        15575328        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15576446        15576891        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15579836        15579989        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15581860        15581952        .       -
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        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15584380        15584515        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15585698        15585941        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15615486        15615503        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff exon    15660313        15660631        .       -
        .       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15564326        15564561        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15566141        15567073        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15568311        15568581        .       -
        0       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15570705        15571417        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15572948        15573322        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15573867        15573968        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15575112        15575328        .       -
        0       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15576446        15576891        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15579836        15579989        .       -
        0       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15581860        15581952        .       -
        0       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15584380        15584515        .       -
        1       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15585698        15585941        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15615486        15615503        .       -
        2       Parent=Smp_336870.3
SM_V9_1 Liftoff CDS     15660313        15660433        .       -
        0       Parent=Smp_336870.3
SM_V9_1 Liftoff gene    15751721        15757890        .       +
        .       ID=Smp_323050;geneID=Smp_323050
SM_V9_1 Liftoff mRNA    15751721        15757890        .       +
        .
ID=Smp_323050.1;Parent=Smp_323050;geneID=Smp_323050;product=Alanine-
-tRNA ligase
SM_V9_1 Liftoff exon    15751721        15757890        .       +
        .       Parent=Smp_323050.1
SM_V9_1 Liftoff CDS     15751761        15752015        .       +
        0       Parent=Smp_323050.1
SM_V9_1 iris    gene    15882574        15884555        .       +
        .
ID=Smp_350250;geneID=Smp_350250;gene_name=Smp_350250;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    15882569        15884562        .       +
        .
ID=Smp_350250.1;Parent=Smp_350250;geneID=Smp_350250;gene_name=Smp_35
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0250;owner=irisadmin@local.host;date_last_modified=2022-08-27;Name=S
mp_350250.1;date_creation=2022-08-27
SM_V9_1 iris    exon    15882569        15884562        .       +
        .       Parent=Smp_350250.1;Name=Smp_350250.1-CDS
SM_V9_1 iris    CDS     15882724        15884358        .       +
        0       Parent=Smp_350250.1
SM_V9_1 Liftoff gene    15888520        15889079        .       -
        .       ID=Smp_348610;geneID=Smp_348610
SM_V9_1 Liftoff mRNA    15888520        15889079        .       -
        .
ID=Smp_348610.1;Parent=Smp_348610;geneID=Smp_348610;product=Formin-
like protein 19
SM_V9_1 Liftoff exon    15888520        15889079        .       -
        .       Parent=Smp_348610.1
SM_V9_1 Liftoff CDS     15888550        15888708        .       -
        0       Parent=Smp_348610.1
SM_V9_1 iris    gene    15893625        15898713        .       +
        .
ID=Smp_314790;geneID=Smp_314790;gene_name=Smp_314790;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    15893625        15898713        .       +
        .
ID=Smp_314790.1;Parent=Smp_314790;geneID=Smp_314790;gene_name=Smp_31
4790;owner=irisadmin@local.host;orig_id=Smp_314790.1;date_last_modif
ied=2022-08-27;Name=Smp_314790.1;product=DNA-directed RNA polymerase
subunit beta;date_creation=2022-08-27
SM_V9_1 iris    exon    15893625        15893722        .       +
        .
Parent=Smp_314790.1;Name=6d16449e-411c-4d00-89a1-461731dc0b2f
SM_V9_1 iris    exon    15893762        15893839        .       +
        .
Parent=Smp_314790.1;Name=c042d80c-1e27-4e85-9515-10e814cb6755
SM_V9_1 iris    exon    15898184        15898208        .       +
        .       Parent=Smp_314790.1;Name=b15c48ca-182e-4b8c-9c6b-
c9c0e0a9e27a
SM_V9_1 iris    exon    15898277        15898412        .       +
        .       Parent=Smp_314790.1;Name=40f596e1-
d135-41bb-9156-56a5fd2b339a
SM_V9_1 iris    exon    15898471        15898713        .       +
        .
Parent=Smp_314790.1;Name=9945b8c0-9fff-43ba-8102-79b8b6308b17
SM_V9_1 iris    CDS     15893700        15893722        .       +
        0       Parent=Smp_314790.1
SM_V9_1 iris    CDS     15893762        15893839        .       +
        1       Parent=Smp_314790.1
SM_V9_1 iris    CDS     15898184        15898208        .       +
        1       Parent=Smp_314790.1
SM_V9_1 iris    CDS     15898277        15898412        .       +
        0       Parent=Smp_314790.1
SM_V9_1 iris    CDS     15898471        15898529        .       +
        2       Parent=Smp_314790.1
SM_V9_1 iris    gene    15903691        15904405        .       +
        .
ID=Smp_053300;geneID=Smp_053300;gene_name=Smp_053300;owner=irisadmin
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@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    15903691        15904405        .       +
        .
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3300;owner=irisadmin@local.host;orig_id=Smp_053300.1;date_last_modif
ied=2022-08-27;Name=Smp_053300.1;product=Histone
H4;date_creation=2022-08-27
SM_V9_1 iris    exon    15903691        15904405        .       +
        .       Parent=Smp_053300.1;Name=04665c5a-8eea-4230-a72c-
e1711f88ad5b
SM_V9_1 iris    CDS     15904005        15904316        .       +
        0       Parent=Smp_053300.1
SM_V9_1 Liftoff gene    15907352        15907967        .       -
        .
ID=Smp_194870;geneID=Smp_194870;previous_systematic_id=Smp_053310
SM_V9_1 Liftoff mRNA    15907352        15907967        .       -
        .
ID=Smp_194870.1;Parent=Smp_194870;geneID=Smp_194870;product=Histone
H4;polypeptide_domain=InterPro:IPR001951,IPR004823,IPR009072,IPR0198
09,IPR035425
Pfam:PF15511;Ontology_term=GO:0000786,GO:0003677,GO:0005634,GO:00063
34,GO:0006352,GO:0046982
SM_V9_1 Liftoff exon    15907352        15907967        .       -
        .       Parent=Smp_194870.1
SM_V9_1 Liftoff CDS     15907521        15907832        .       -
        0       Parent=Smp_194870.1
SM_V9_1 iris    gene    15913127        15918075        .       -
        .
ID=Smp_305460;geneID=Smp_305460;gene_name=Smp_305460;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    15913127        15918075        .       -
        .
ID=Smp_305460.1;Parent=Smp_305460;geneID=Smp_305460;gene_name=Smp_30
5460;owner=irisadmin@local.host;orig_id=Smp_305460.1;date_last_modif
ied=2022-08-27;Name=Smp_305460.1;product=DNA-directed RNA polymerase
subunit beta;date_creation=2022-08-27
SM_V9_1 iris    exon    15913127        15913369        .       -
        .
Parent=Smp_305460.1;Name=cd2ef9b5-906b-47f6-8415-0720c6877f42
SM_V9_1 iris    exon    15913428        15913563        .       -
        .       Parent=Smp_305460.1;Name=6abe3a56-d69e-4e35-
a98d-08303709c508
SM_V9_1 iris    exon    15913632        15913656        .       -
        .       Parent=Smp_305460.1;Name=a3e7bc3e-574b-4279-8ccc-
f34716b7989b
SM_V9_1 iris    exon    15918001        15918075        .       -
        .       Parent=Smp_305460.1;Name=14bf78c0-0849-49b6-
b241-8b9a46bdbb40
SM_V9_1 iris    CDS     15913311        15913369        .       -
        2       Parent=Smp_305460.1
SM_V9_1 iris    CDS     15913428        15913563        .       -
        0       Parent=Smp_305460.1
SM_V9_1 iris    CDS     15913632        15913656        .       -
        1       Parent=Smp_305460.1
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SM_V9_1 iris    CDS     15918001        15918059        .       -
        0       Parent=Smp_305460.1
SM_V9_1 Liftoff gene    15958900        16034977        .       -
        .       ID=Smp_156140;geneID=Smp_156140
SM_V9_1 Liftoff mRNA    15958900        16034977        .       -
        .
ID=Smp_156140.1;Parent=Smp_156140;geneID=Smp_156140;product=E3
ubiquitin-protein ligase
TRIM9;polypeptide_domain=InterPro:IPR000315,IPR001841,IPR001870,IPR0
03877,IPR003961,IPR013083,IPR013320,IPR013783,IPR017907,IPR027370
Pfam:PF00622,PF13445;Ontology_term=GO:0005515,GO:0005622,GO:0008270
SM_V9_1 Liftoff exon    15958900        15960157        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff exon    15970229        15970459        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff exon    15971670        15971808        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff exon    15986447        15987069        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff exon    15990853        15991015        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff exon    15996488        15996721        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff exon    15998025        15998120        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff exon    16033806        16034977        .       -
        .       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     15959481        15960157        .       -
        2       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     15970229        15970459        .       -
        2       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     15971670        15971808        .       -
        0       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     15986447        15987069        .       -
        2       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     15990853        15991015        .       -
        0       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     15996488        15996721        .       -
        0       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     15998025        15998120        .       -
        0       Parent=Smp_156140.1
SM_V9_1 Liftoff CDS     16033806        16034825        .       -
        0       Parent=Smp_156140.1
SM_V9_1 Liftoff gene    16043671        16051528        .       +
        .       ID=Smp_085180;geneID=Smp_085180
SM_V9_1 Liftoff mRNA    16043671        16051528        .       +
        .
ID=Smp_085180.1;Parent=Smp_085180;geneID=Smp_085180;product=Cathepsi
n B-like cysteine
proteinase;polypeptide_domain=InterPro:IPR000668,IPR025661
Pfam:PF00112;Ontology_term=GO:0006508,GO:0008234
SM_V9_1 Liftoff exon    16043671        16043813        .       +
        .       Parent=Smp_085180.1
SM_V9_1 Liftoff exon    16045205        16045438        .       +
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        .       Parent=Smp_085180.1
SM_V9_1 Liftoff exon    16048568        16048886        .       +
        .       Parent=Smp_085180.1
SM_V9_1 Liftoff exon    16050834        16051528        .       +
        .       Parent=Smp_085180.1
SM_V9_1 Liftoff CDS     16043688        16043813        .       +
        0       Parent=Smp_085180.1
SM_V9_1 Liftoff CDS     16045205        16045438        .       +
        0       Parent=Smp_085180.1
SM_V9_1 Liftoff CDS     16048568        16048886        .       +
        0       Parent=Smp_085180.1
SM_V9_1 Liftoff CDS     16050834        16051159        .       +
        2       Parent=Smp_085180.1
SM_V9_1 iris    gene    16053261        16070868        .       -
        .
ID=Smp_168400;geneID=Smp_168400;gene_name=Smp_168400;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    16053261        16070868        .       -
        .
ID=Smp_168400.1;Parent=Smp_168400;geneID=Smp_168400;gene_name=Smp_16
8400;owner=irisadmin@local.host;orig_id=Smp_168400.1;date_last_modif
ied=2022-08-27;Name=Smp_168400.1;product=Mitofusin-1;date_creation=2
022-08-27
SM_V9_1 iris    exon    16053261        16053576        .       -
        .
Parent=Smp_168400.1;Name=9b7f431f-6dec-4b37-801b-50a21d389e5c
SM_V9_1 iris    exon    16057650        16057773        .       -
        .       Parent=Smp_168400.1;Name=d1065ea1-
afa3-486d-8ffb-6302e91f3fbf
SM_V9_1 iris    exon    16059090        16059227        .       -
        .       Parent=Smp_168400.1;Name=c6daec23-8a26-4a97-8221-
b4d37fd859dd
SM_V9_1 iris    exon    16059267        16059365        .       -
        .
Parent=Smp_168400.1;Name=63b6bd47-579b-4f88-9f84-35bc08a63212
SM_V9_1 iris    exon    16059410        16059477        .       -
        .
Parent=Smp_168400.1;Name=38cb4340-1cb7-4a8d-8088-44b7b7ebfb84
SM_V9_1 iris    exon    16059519        16059655        .       -
        .       Parent=Smp_168400.1;Name=8c9b10cc-9c2d-4a91-
b653-9f4273eed27f
SM_V9_1 iris    exon    16070809        16070868        .       -
        .       Parent=Smp_168400.1;Name=be4e50fc-8bf9-4dda-92b1-
fd3979d40b61
SM_V9_1 iris    CDS     16053434        16053576        .       -
        2       Parent=Smp_168400.1
SM_V9_1 iris    CDS     16057650        16057773        .       -
        0       Parent=Smp_168400.1
SM_V9_1 iris    CDS     16059090        16059227        .       -
        0       Parent=Smp_168400.1
SM_V9_1 iris    CDS     16059267        16059365        .       -
        0       Parent=Smp_168400.1
SM_V9_1 iris    CDS     16059410        16059477        .       -
        2       Parent=Smp_168400.1
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SM_V9_1 iris    CDS     16059519        16059624        .       -
        0       Parent=Smp_168400.1
SM_V9_1 iris    gene    16078795        16096412        .       +
        .
ID=Smp_336340;geneID=Smp_336340;gene_name=Smp_336340;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    16078795        16096412        .       +
        .
ID=Smp_336340.1;Parent=Smp_336340;geneID=Smp_336340;gene_name=Smp_33
6340;owner=irisadmin@local.host;orig_id=Smp_336340.2;date_last_modif
ied=2022-07-19;Name=Smp_336340.1;product=TNF receptor-associated
factor 4;date_creation=2022-07-19
SM_V9_1 iris    exon    16078795        16079166        .       +
        .
Parent=Smp_336340.1;Name=e91142c4-789a-415c-8791-6f090f8caa00
SM_V9_1 iris    exon    16081169        16081457        .       +
        .       Parent=Smp_336340.1;Name=05f3efb1-e57e-424b-a2c3-
fb804a86fd47
SM_V9_1 iris    exon    16083782        16084001        .       +
        .
Parent=Smp_336340.1;Name=857b443c-48fd-4f1d-90e0-62168cbb1885
SM_V9_1 iris    exon    16084901        16085257        .       +
        .       Parent=Smp_336340.1;Name=f2a9ec03-6dad-4e1f-ba3d-
bcd711d4e572
SM_V9_1 iris    exon    16092395        16092416        .       +
        .
Parent=Smp_336340.1;Name=c8882dc2-0541-4217-91d0-53cce2598051
SM_V9_1 iris    exon    16092453        16092706        .       +
        .
Parent=Smp_336340.1;Name=f0242fb6-5365-43b3-949a-725bd85a1cc8
SM_V9_1 iris    exon    16096003        16096412        .       +
        .       Parent=Smp_336340.1;Name=2bcce0df-9308-4eb3-a465-
a099d117bccb
SM_V9_1 iris    CDS     16079100        16079166        .       +
        0       Parent=Smp_336340.1
SM_V9_1 iris    CDS     16081169        16081457        .       +
        2       Parent=Smp_336340.1
SM_V9_1 iris    CDS     16083782        16084001        .       +
        1       Parent=Smp_336340.1
SM_V9_1 iris    CDS     16084901        16085257        .       +
        0       Parent=Smp_336340.1
SM_V9_1 iris    CDS     16092395        16092416        .       +
        0       Parent=Smp_336340.1
SM_V9_1 iris    CDS     16092453        16092706        .       +
        2       Parent=Smp_336340.1
SM_V9_1 iris    CDS     16096003        16096248        .       +
        0       Parent=Smp_336340.1
SM_V9_1 Liftoff gene    16102014        16119236        .       +
        .
ID=Smp_345810;geneID=Smp_345810;previous_systematic_id=Smp_168380
SM_V9_1 Liftoff mRNA    16102014        16119236        .       +
        .
ID=Smp_345810.1;Parent=Smp_345810;geneID=Smp_345810;product=Midasin
SM_V9_1 Liftoff exon    16102014        16118212        .       +
```

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        .       Parent=Smp_345810.1
SM_V9_1 Liftoff exon    16118264        16119236        .       +
        .       Parent=Smp_345810.1
SM_V9_1 Liftoff CDS     16115076        16118212        .       +
        0       Parent=Smp_345810.1
SM_V9_1 Liftoff CDS     16118264        16118978        .       +
        1       Parent=Smp_345810.1
SM_V9_1 Liftoff gene    16127484        16129665        .       +
        .
ID=Smp_305590;geneID=Smp_305590;previous_systematic_id=Smp_098020
SM_V9_1 Liftoff mRNA    16127484        16129665        .       +
        .
ID=Smp_305590.1;Parent=Smp_305590;geneID=Smp_305590;product=Conotoxi
n VnMKLT2-013
SM_V9_1 Liftoff exon    16127484        16128267        .       +
        .       Parent=Smp_305590.1
SM_V9_1 Liftoff exon    16129411        16129665        .       +
        .       Parent=Smp_305590.1
SM_V9_1 Liftoff CDS     16128183        16128267        .       +
        0       Parent=Smp_305590.1
SM_V9_1 Liftoff CDS     16129411        16129574        .       +
        2       Parent=Smp_305590.1
SM_V9_1 Liftoff gene    16151744        16153512        .       +
        .
ID=Smp_305620;geneID=Smp_305620;previous_systematic_id=Smp_098020
SM_V9_1 Liftoff mRNA    16151744        16153512        .       +
        .
ID=Smp_305620.1;Parent=Smp_305620;geneID=Smp_305620;product=Conotoxi
n VnMKLT2-013
SM_V9_1 Liftoff exon    16151744        16152112        .       +
        .       Parent=Smp_305620.1
SM_V9_1 Liftoff exon    16153258        16153512        .       +
        .       Parent=Smp_305620.1
SM_V9_1 Liftoff CDS     16152028        16152112        .       +
        0       Parent=Smp_305620.1
SM_V9_1 Liftoff CDS     16153258        16153421        .       +
        2       Parent=Smp_305620.1
SM_V9_1 Liftoff gene    16181374        16182580        .       -
        .       ID=Smp_107590;geneID=Smp_107590
SM_V9_1 Liftoff mRNA    16181374        16182580        .       -
        .
ID=Smp_107590.1;Parent=Smp_107590;geneID=Smp_107590;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    16181374        16181890        .       -
        .       Parent=Smp_107590.1
SM_V9_1 Liftoff exon    16182309        16182580        .       -
        .       Parent=Smp_107590.1
SM_V9_1 Liftoff CDS     16181463        16181890        .       -
        2       Parent=Smp_107590.1
SM_V9_1 Liftoff CDS     16182309        16182402        .       -
        0       Parent=Smp_107590.1
SM_V9_1 iris    gene    16225901        16227565        .       -
        .
ID=Smp_314800;geneID=Smp_314800;gene_name=Smp_314800;owner=irisadmin
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@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    16225901        16227565        .       -
        .
ID=Smp_314800.1;Parent=Smp_314800;geneID=Smp_314800;gene_name=Smp_31
4800;owner=irisadmin@local.host;orig_id=Smp_314800.1;date_last_modif
ied=2022-08-27;Name=Smp_314800.1;product=Conotoxin
VnMKLT2-013;date_creation=2022-08-27
SM_V9_1 iris    exon    16225901        16226221        .       -
        .       Parent=Smp_314800.1;Name=68bf0758-3279-4f6a-91fd-
c1a9f5fa7d99
SM_V9_1 iris    exon    16227366        16227493        .       -
        .       Parent=Smp_314800.1;Name=a80e336c-eecd-4b68-b0ad-
ad2227bc2dea
SM_V9_1 iris    exon    16227531        16227565        .       -
        .       Parent=Smp_314800.1;Name=6dd66ce5-d34b-46ec-a3f9-
a4fa7c6b1a86
SM_V9_1 iris    CDS     16226058        16226221        .       -
        2       Parent=Smp_314800.1
SM_V9_1 iris    CDS     16227366        16227450        .       -
        0       Parent=Smp_314800.1
SM_V9_1 iris    gene    16233278        16251222        .       -
        .
ID=Smp_176020;geneID=Smp_176020;gene_name=Smp_176020;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    16233278        16251222        .       -
        .
ID=Smp_176020.1;Parent=Smp_176020;geneID=Smp_176020;gene_name=Smp_17
6020;owner=irisadmin@local.host;orig_id=Smp_176020.1;date_last_modif
ied=2022-08-27;Name=Smp_176020.1;product=MEG
11;date_creation=2022-08-27
SM_V9_1 iris    exon    16233278        16233425        .       -
        .       Parent=Smp_176020.1;Name=f9c424ee-3f93-45b9-
bdc4-4b446e2c8eef
SM_V9_1 iris    exon    16234320        16234340        .       -
        .       Parent=Smp_176020.1;Name=ed56ee40-11b7-4bba-8c82-
d8f9780834b3
SM_V9_1 iris    exon    16236666        16236686        .       -
        .
Parent=Smp_176020.1;Name=737ee967-45ad-4940-98a2-9b19faea311e
SM_V9_1 iris    exon    16240314        16240331        .       -
        .       Parent=Smp_176020.1;Name=f94f67c9-8764-4134-a953-
c1fd8aa5a9ae
SM_V9_1 iris    exon    16241981        16241998        .       -
        .       Parent=Smp_176020.1;Name=3aa4f71a-9056-4fe5-94fb-
c8907a87437e
SM_V9_1 iris    exon    16244523        16244537        .       -
        .       Parent=Smp_176020.1;Name=5569f00b-4f30-4d2b-
a95a-9e46b69d6b60
SM_V9_1 iris    exon    16245018        16245032        .       -
        .       Parent=Smp_176020.1;Name=f48f6ef5-5222-4530-
a342-86db7918f57d
SM_V9_1 iris    exon    16246071        16246085        .       -
        .       Parent=Smp_176020.1;Name=d10ffad1-151d-42ed-8ba5-
c3bee2eab260
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SM_V9_1 iris    exon    16247816        16247828        .       -
        .       Parent=Smp_176020.1;Name=c8d705c2-aa25-48df-9773-
ca714b206606
SM_V9_1 iris    exon    16251104        16251222        .       -
        .       Parent=Smp_176020.1;Name=6839b27b-3529-4730-94d0-
c3ce0dcc6953
SM_V9_1 iris    CDS     16233407        16233425        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16234320        16234340        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16236666        16236686        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16240314        16240331        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16241981        16241998        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16244523        16244537        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16245018        16245032        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16246071        16246085        .       -
        1       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16247816        16247828        .       -
        2       Parent=Smp_176020.1
SM_V9_1 iris    CDS     16251104        16251173        .       -
        0       Parent=Smp_176020.1
SM_V9_1 Liftoff gene    16248554        16248616        .       +
        .
ID=Smp_242040;geneID=Smp_242040;previous_systematic_id=Smp_142000
SM_V9_1 Liftoff mRNA    16248554        16248616        .       +
        .
ID=Smp_242040.1;Parent=Smp_242040;geneID=Smp_242040;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    16248554        16248616        .       +
        .       Parent=Smp_242040.1
SM_V9_1 Liftoff CDS     16248554        16248616        .       +
        0       Parent=Smp_242040.1
SM_V9_1 iris    gene    16263335        16300348        .       +
        .
ID=Smp_176010;geneID=Smp_176010;gene_name=Smp_176010;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    16263335        16300348        .       +
        .
ID=Smp_176010.1;Parent=Smp_176010;geneID=Smp_176010;gene_name=Smp_17
6010;owner=irisadmin@local.host;orig_id=Smp_176010.1;date_last_modif
ied=2022-08-27;Name=Smp_176010.1;product=Cytoskeleton-associated
protein 5-A;date_creation=2022-08-27
SM_V9_1 iris    exon    16263335        16263377        .       +
        .       Parent=Smp_176010.1;Name=72fa82ff-45b7-4727-8e59-
e9541af0568a
SM_V9_1 iris    exon    16266708        16266812        .       +
        .       Parent=Smp_176010.1;Name=90feab5f-e780-4ed0-b370-
d570c2beb603
SM_V9_1 iris    exon    16269665        16269778        .       +
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        .
Parent=Smp_176010.1;Name=7c9adcb1-7525-4d5f-9cb7-59f981527f0a
SM_V9_1 iris    exon    16270897        16271091        .       +
        .       Parent=Smp_176010.1;Name=c8066145-6d93-419b-ad48-
b76a139a06a2
SM_V9_1 iris    exon    16271552        16272023        .       +
        .       Parent=Smp_176010.1;Name=01040319-0c11-428d-
bd00-6a59b401e54e
SM_V9_1 iris    exon    16272693        16273038        .       +
        .       Parent=Smp_176010.1;Name=211ed6e3-59cf-4db7-
b6ac-57d9a44082b9
SM_V9_1 iris    exon    16274159        16274336        .       +
        .       Parent=Smp_176010.1;Name=331db108-b057-4991-92ae-
ab96f2972f22
SM_V9_1 iris    exon    16275591        16275880        .       +
        .
Parent=Smp_176010.1;Name=719ce7d7-9791-4a2c-837a-70a031906b16
SM_V9_1 iris    exon    16277012        16277440        .       +
        .
Parent=Smp_176010.1;Name=1166aa46-5949-40de-818a-3da6c6002060
SM_V9_1 iris    exon    16279414        16279597        .       +
        .       Parent=Smp_176010.1;Name=23e445db-acf9-45eb-
afdd-62761688cee5
SM_V9_1 iris    exon    16280396        16280690        .       +
        .
Parent=Smp_176010.1;Name=ae478dc9-606b-4546-942d-86a580ec1173
SM_V9_1 iris    exon    16282443        16282697        .       +
        .       Parent=Smp_176010.1;Name=8984b2bf-a3e2-4951-be43-
d5c1bdb32313
SM_V9_1 iris    exon    16284727        16284917        .       +
        .
Parent=Smp_176010.1;Name=6dc1906f-4acb-4bfe-980c-6aab551c1026
SM_V9_1 iris    exon    16285797        16285969        .       +
        .       Parent=Smp_176010.1;Name=855eff37-28c4-427e-
ba52-9ef6be415ea0
SM_V9_1 iris    exon    16287784        16288093        .       +
        .
Parent=Smp_176010.1;Name=51bb0bfb-3432-40bb-8f31-1ac0d0001a2f
SM_V9_1 iris    exon    16289474        16289665        .       +
        .       Parent=Smp_176010.1;Name=deb13e01-ee43-4d5f-
b054-1b60d0870d48
SM_V9_1 iris    exon    16290334        16290530        .       +
        .       Parent=Smp_176010.1;Name=c46faa27-d035-41f6-
bc40-7a5677380508
SM_V9_1 iris    exon    16290938        16291149        .       +
        .       Parent=Smp_176010.1;Name=415e0b13-d4d6-4027-b30f-
bdf8cca229b2
SM_V9_1 iris    exon    16292181        16292395        .       +
        .       Parent=Smp_176010.1;Name=c503a85f-6995-490d-
b208-17f4017dcffb
SM_V9_1 iris    exon    16294675        16294756        .       +
        .       Parent=Smp_176010.1;Name=1a98f9e8-d2c9-4380-
a715-14444384a04d
SM_V9_1 iris    exon    16300161        16300348        .       +
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        .
Parent=Smp_176010.1;Name=74276ac4-734c-48ab-9031-79613597ca18
SM_V9_1 iris    CDS     16266765        16266812        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16269665        16269778        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16270897        16271091        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16271552        16272023        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16272693        16273038        .       +
        2       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16274159        16274336        .       +
        1       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16275591        16275880        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16277012        16277440        .       +
        1       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16279414        16279597        .       +
        1       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16280396        16280690        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16282443        16282697        .       +
        2       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16284727        16284917        .       +
        2       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16285797        16285969        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16287784        16288093        .       +
        1       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16289474        16289665        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16290334        16290530        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16290938        16291149        .       +
        1       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16292181        16292395        .       +
        2       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16294675        16294756        .       +
        0       Parent=Smp_176010.1
SM_V9_1 iris    CDS     16300161        16300165        .       +
        2       Parent=Smp_176010.1
SM_V9_1 Liftoff gene    16304304        16328338        .       +
        .       ID=Smp_166040;geneID=Smp_166040
SM_V9_1 Liftoff mRNA    16304304        16328338        .       +
        .
ID=Smp_166040.1;Parent=Smp_166040;geneID=Smp_166040;product=ATP-
binding cassette sub-family F member
1;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR017871,IPR02741
7,IPR032781 Pfam:PF00005,PF12848;Ontology_term=GO:0005524,GO:0016887
SM_V9_1 Liftoff exon    16304304        16317340        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16318731        16318882        .       +
        .       Parent=Smp_166040.1
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SM_V9_1 Liftoff exon    16319568        16319653        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16320611        16320753        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16322104        16322336        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16322505        16322629        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16323539        16323774        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16324894        16325091        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16325204        16325332        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16326435        16326645        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff exon    16327558        16328338        .       +
        .       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16316048        16317340        .       +
        0       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16318731        16318882        .       +
        0       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16319568        16319653        .       +
        1       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16320611        16320753        .       +
        2       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16322104        16322336        .       +
        0       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16322505        16322629        .       +
        1       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16323539        16323774        .       +
        2       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16324894        16325091        .       +
        0       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16325204        16325332        .       +
        0       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16326435        16326645        .       +
        0       Parent=Smp_166040.1
SM_V9_1 Liftoff CDS     16327558        16327748        .       +
        2       Parent=Smp_166040.1
SM_V9_1 Liftoff gene    16331489        16335070        .       -
        .       ID=Smp_186930;geneID=Smp_186930
SM_V9_1 Liftoff mRNA    16331489        16335070        .       -
        .
ID=Smp_186930.1;Parent=Smp_186930;geneID=Smp_186930;product=Homeobox
protein
Nkx-2.2a;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,I
PR020479 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    16331489        16332813        .       -
        .       Parent=Smp_186930.1
SM_V9_1 Liftoff exon    16334292        16335070        .       -
        .       Parent=Smp_186930.1
SM_V9_1 Liftoff CDS     16332136        16332813        .       -
        0       Parent=Smp_186930.1
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SM_V9_1 Liftoff CDS     16334292        16335017        .       -
        0       Parent=Smp_186930.1
SM_V9_1 Liftoff gene    16363055        16409480        .       -
        .       ID=Smp_176000;geneID=Smp_176000
SM_V9_1 Liftoff mRNA    16363055        16409480        .       -
        .
ID=Smp_176000.1;Parent=Smp_176000;geneID=Smp_176000;product=Abnormal
spindle-like microcephaly-associated protein
homolog;polypeptide_domain=InterPro:IPR000048,IPR001715,IPR027417
Pfam:PF00307,PF00612;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    16363055        16363482        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16365678        16365937        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16367308        16367885        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16369881        16370367        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16371297        16371515        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16373085        16373303        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16376032        16376250        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16377681        16377899        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16378947        16378977        .       -
        .       Parent=Smp_176000.1
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        .       Parent=Smp_176000.1
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        .       Parent=Smp_176000.1
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SM_V9_1 Liftoff exon    16383566        16383741        .       -
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        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16387051        16387395        .       -
        .       Parent=Smp_176000.1
SM_V9_1 Liftoff exon    16387480        16387821        .       -
        .       Parent=Smp_176000.1
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SM_V9_1 Liftoff exon    16400762        16400890        .       -
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SM_V9_1 Liftoff exon    16401453        16401746        .       -
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SM_V9_1 Liftoff exon    16403619        16403834        .       -
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SM_V9_1 Liftoff CDS     16367308        16367885        .       -
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SM_V9_1 Liftoff CDS     16369881        16370367        .       -
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SM_V9_1 Liftoff CDS     16380057        16380310        .       -
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SM_V9_1 Liftoff CDS     16381029        16381223        .       -
        0       Parent=Smp_176000.1
SM_V9_1 Liftoff CDS     16381720        16382021        .       -
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SM_V9_1 Liftoff CDS     16383183        16383361        .       -
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SM_V9_1 Liftoff CDS     16383566        16383741        .       -
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SM_V9_1 Liftoff CDS     16385039        16385181        .       -
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SM_V9_1 Liftoff CDS     16387051        16387395        .       -
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SM_V9_1 Liftoff CDS     16387480        16387821        .       -
        2       Parent=Smp_176000.1
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SM_V9_1 Liftoff CDS     16399831        16400035        .       -
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SM_V9_1 Liftoff CDS     16400762        16400890        .       -
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SM_V9_1 Liftoff CDS     16401453        16401746        .       -
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SM_V9_1 Liftoff CDS     16403619        16403834        .       -
        0       Parent=Smp_176000.1
SM_V9_1 Liftoff CDS     16405410        16405559        .       -
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SM_V9_1 iris    gene    16453355        16517058        .       +
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ied=2022-08-27;Name=Smp_175980.1;product=Sodium/hydrogen exchanger
9B2;date_creation=2022-08-27
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       .       Parent=Smp_175980.1;Name=92222189-b0c3-46e3-82b6-
e0021b5fee99
SM_V9_1 iris    exon    16475592        16476308        .       +
       .       Parent=Smp_175980.1;Name=d11eca87-b703-4ad1-8e27-
fe27163c7efc
SM_V9_1 iris    exon    16497974        16498385        .       +
       .       Parent=Smp_175980.1;Name=dfcd77e2-6a76-4acb-
b083-57ae5bb45ddb
SM_V9_1 iris    exon    16507761        16508046        .       +
       .
Parent=Smp_175980.1;Name=3ff2e570-8c38-48ce-94a8-8f13d766a160
SM_V9_1 iris    exon    16509149        16510004        .       +
       .       Parent=Smp_175980.1;Name=c0af4b6a-5633-4e62-
b276-5a137b71da1f
SM_V9_1 iris    exon    16510175        16510501        .       +
       .       Parent=Smp_175980.1;Name=28ff53e4-
a091-4449-83c6-35cefd432184
SM_V9_1 iris    exon    16513748        16513962        .       +
       .       Parent=Smp_175980.1;Name=bdfa38ab-f4c5-4aad-ac69-
aa2abb7fabd9
SM_V9_1 iris    exon    16516200        16517058        .       +
       .       Parent=Smp_175980.1;Name=57e53376-7357-4a44-
be48-4676d50e9199
SM_V9_1 iris    CDS     16454522        16454534        .       +
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SM_V9_1 iris    CDS     16497974        16498385        .       +
       2       Parent=Smp_175980.1
SM_V9_1 iris    CDS     16507761        16508046        .       +
       1       Parent=Smp_175980.1
SM_V9_1 iris    CDS     16509149        16510004        .       +
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SM_V9_1 iris    CDS     16510175        16510501        .       +
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SM_V9_1 iris    CDS     16513748        16513962        .       +
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SM_V9_1 iris    CDS     16516200        16516493        .       +
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like;date_creation=2022-07-19
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d4fcf96d07d6
SM_V9_1 iris    exon    16567649        16567904        .       -
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b682-88cbe6cf14fe
SM_V9_1 iris    exon    16569719        16569818        .       -
        .       Parent=Smp_333100.1;Name=9d46e810-
bac9-41d6-9944-950d6faf84e2
SM_V9_1 iris    exon    16575707        16575884        .       -
        .
Parent=Smp_333100.1;Name=ea18a23b-1d80-449f-915d-9e19f25bc3e6
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        .       Parent=Smp_333100.1;Name=b689b7e1-d093-4a1d-b088-
ee9bbf4280b3
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SM_V9_1 iris    CDS     16567649        16567904        .       -
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SM_V9_1 iris    CDS     16569719        16569818        .       -
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SM_V9_1 iris    CDS     16581132        16581211        .       -
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        .       ID=Smp_097940;geneID=Smp_097940
SM_V9_1 Liftoff mRNA    16581409        16602253        .       +
        .
ID=Smp_097940.2;Parent=Smp_097940;geneID=Smp_097940;product=Serine/
threonine-protein kinase
Nek7;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR008271,IPR01
1009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    16581409        16581989        .       +
        .       Parent=Smp_097940.2
SM_V9_1 Liftoff exon    16587501        16587563        .       +
        .       Parent=Smp_097940.2
SM_V9_1 Liftoff exon    16589202        16589312        .       +
        .       Parent=Smp_097940.2
SM_V9_1 Liftoff exon    16590452        16590560        .       +
        .       Parent=Smp_097940.2
SM_V9_1 Liftoff exon    16592781        16592888        .       +
        .       Parent=Smp_097940.2
SM_V9_1 Liftoff exon    16599641        16599849        .       +
        .       Parent=Smp_097940.2
SM_V9_1 Liftoff exon    16601383        16602253        .       +
        .       Parent=Smp_097940.2
SM_V9_1 Liftoff CDS     16581504        16581989        .       +
        0       Parent=Smp_097940.2
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SM_V9_1 Liftoff CDS     16587501        16587563        .       +
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        0       Parent=Smp_097940.2
SM_V9_1 Liftoff CDS     16590452        16590560        .       +
        0       Parent=Smp_097940.2
SM_V9_1 Liftoff CDS     16592781        16592888        .       +
        2       Parent=Smp_097940.2
SM_V9_1 Liftoff CDS     16599641        16599849        .       +
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SM_V9_1 Liftoff CDS     16601383        16601553        .       +
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        .
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Nek7;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR008271,IPR01
1009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    16582309        16582531        .       +
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SM_V9_1 Liftoff exon    16587501        16587563        .       +
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SM_V9_1 Liftoff exon    16589202        16589312        .       +
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SM_V9_1 Liftoff exon    16592781        16592888        .       +
        .       Parent=Smp_097940.1
SM_V9_1 Liftoff exon    16599641        16599849        .       +
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SM_V9_1 Liftoff exon    16601383        16602253        .       +
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SM_V9_1 Liftoff CDS     16582334        16582531        .       +
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SM_V9_1 Liftoff CDS     16587501        16587563        .       +
        0       Parent=Smp_097940.1
SM_V9_1 Liftoff CDS     16589202        16589312        .       +
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SM_V9_1 Liftoff CDS     16590452        16590560        .       +
        0       Parent=Smp_097940.1
SM_V9_1 Liftoff CDS     16592781        16592888        .       +
        2       Parent=Smp_097940.1
SM_V9_1 Liftoff CDS     16599641        16599849        .       +
        2       Parent=Smp_097940.1
SM_V9_1 Liftoff CDS     16601383        16601553        .       +
        0       Parent=Smp_097940.1
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        .       ID=Smp_097930;geneID=Smp_097930
SM_V9_1 Liftoff mRNA    16605249        16606033        .       +
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ID=Smp_097930.1;Parent=Smp_097930;geneID=Smp_097930;product=Universa
l stress protein
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SM_V9_1 Liftoff gene    16615580        16638005        .       -
        .       ID=Smp_175950;geneID=Smp_175950
SM_V9_1 Liftoff mRNA    16615580        16638005        .       -
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methyltransferase;polypeptide_domain=InterPro:IPR001678,IPR018314,IP
R023267,IPR023270,IPR029063
Pfam:PF01189;Ontology_term=GO:0003723,GO:0008168,GO:0016428
SM_V9_1 Liftoff exon    16615580        16616016        .       -
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SM_V9_1 Liftoff exon    16616862        16617157        .       -
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SM_V9_1 Liftoff exon    16618970        16619230        .       -
        .       Parent=Smp_175950.1
SM_V9_1 Liftoff exon    16619913        16620145        .       -
        .       Parent=Smp_175950.1
SM_V9_1 Liftoff exon    16621589        16622046        .       -
        .       Parent=Smp_175950.1
SM_V9_1 Liftoff exon    16622919        16623265        .       -
        .       Parent=Smp_175950.1
SM_V9_1 Liftoff exon    16626910        16638005        .       -
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SM_V9_1 Liftoff CDS     16615804        16616016        .       -
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SM_V9_1 Liftoff CDS     16616862        16617157        .       -
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SM_V9_1 Liftoff CDS     16618970        16619230        .       -
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SM_V9_1 Liftoff CDS     16619913        16620145        .       -
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SM_V9_1 Liftoff CDS     16621589        16622046        .       -
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        2       Parent=Smp_175950.1
SM_V9_1 Liftoff CDS     16626910        16627318        .       -
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-binding protein 1
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SM_V9_1 Liftoff exon    16709754        16710113        .       -
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SM_V9_1 Liftoff exon    16722132        16722332        .       -
        .       Parent=Smp_181050.1
SM_V9_1 Liftoff exon    16723276        16723405        .       -
        .       Parent=Smp_181050.1
SM_V9_1 Liftoff exon    16724263        16724381        .       -
        .       Parent=Smp_181050.1
SM_V9_1 Liftoff exon    16726063        16726170        .       -
        .       Parent=Smp_181050.1
SM_V9_1 Liftoff exon    16726599        16726868        .       -
        .       Parent=Smp_181050.1
SM_V9_1 Liftoff exon    16728545        16728678        .       -
        .       Parent=Smp_181050.1
SM_V9_1 Liftoff exon    16731275        16734155        .       -
        .       Parent=Smp_181050.1
SM_V9_1 Liftoff CDS     16707603        16707923        .       -
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SM_V9_1 Liftoff CDS     16709754        16710113        .       -
        0       Parent=Smp_181050.1
SM_V9_1 Liftoff CDS     16711245        16711328        .       -
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SM_V9_1 Liftoff CDS     16717476        16717834        .       -
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        0       Parent=Smp_181050.1
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SM_V9_1 Liftoff CDS     16726063        16726170        .       -
        0       Parent=Smp_181050.1
SM_V9_1 Liftoff CDS     16726599        16726868        .       -
        0       Parent=Smp_181050.1
SM_V9_1 Liftoff CDS     16728545        16728678        .       -
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homolog;date_creation=2022-08-27
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SM_V9_1 iris    exon    16755701        16756065        .       -
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SM_V9_1 iris    CDS     16740585        16740833        .       -
        0       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16743120        16743278        .       -
        0       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16746779        16746931        .       -
        0       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16748786        16749099        .       -
        2       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16752041        16752237        .       -
        1       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16753379        16753704        .       -
        0       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16755701        16756065        .       -
        2       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16756097        16756180        .       -
        2       Parent=Smp_181040.1
SM_V9_1 iris    CDS     16756215        16756476        .       -
        0       Parent=Smp_181040.1
SM_V9_1 Liftoff gene    16765146        16770582        .       +
        .       ID=Smp_323430;geneID=Smp_323430
SM_V9_1 Liftoff mRNA    16765146        16770574        .       +
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        .
ID=Smp_323430.2;Parent=Smp_323430;geneID=Smp_323430;product=Ribonucl
ease 3
SM_V9_1 Liftoff exon    16765146        16767057        .       +
        .       Parent=Smp_323430.2
SM_V9_1 Liftoff exon    16767089        16767310        .       +
        .       Parent=Smp_323430.2
SM_V9_1 Liftoff exon    16768336        16770574        .       +
        .       Parent=Smp_323430.2
SM_V9_1 Liftoff CDS     16766779        16767057        .       +
        0       Parent=Smp_323430.2
SM_V9_1 Liftoff CDS     16767089        16767310        .       +
        0       Parent=Smp_323430.2
SM_V9_1 Liftoff CDS     16768336        16768362        .       +
        0       Parent=Smp_323430.2
SM_V9_1 Liftoff mRNA    16765175        16770582        .       +
        .
ID=Smp_323430.1;Parent=Smp_323430;geneID=Smp_323430;product=Nuclear
RNA export factor
1;polypeptide_domain=InterPro:IPR005637,IPR009060,IPR018222,IPR03271
0 Pfam:PF03943;Ontology_term=GO:0005515,GO:0005634,GO:0051028
SM_V9_1 Liftoff exon    16765175        16765221        .       +
        .       Parent=Smp_323430.1
SM_V9_1 Liftoff exon    16765254        16765521        .       +
        .       Parent=Smp_323430.1
SM_V9_1 Liftoff exon    16766532        16767057        .       +
        .       Parent=Smp_323430.1
SM_V9_1 Liftoff exon    16767089        16767310        .       +
        .       Parent=Smp_323430.1
SM_V9_1 Liftoff exon    16770224        16770582        .       +
        .       Parent=Smp_323430.1
SM_V9_1 Liftoff CDS     16765191        16765221        .       +
        0       Parent=Smp_323430.1
SM_V9_1 Liftoff CDS     16765254        16765521        .       +
        2       Parent=Smp_323430.1
SM_V9_1 Liftoff CDS     16766532        16767057        .       +
        1       Parent=Smp_323430.1
SM_V9_1 Liftoff CDS     16767089        16767310        .       +
        0       Parent=Smp_323430.1
SM_V9_1 Liftoff CDS     16770224        16770496        .       +
        0       Parent=Smp_323430.1
SM_V9_1 Liftoff gene    16776119        16782169        .       +
        .       ID=Smp_105370;geneID=Smp_105370
SM_V9_1 Liftoff mRNA    16776119        16782169        .       +
        .
ID=Smp_105370.1;Parent=Smp_105370;geneID=Smp_105370;product=Cathepsi
n B-like cysteine
proteinase;polypeptide_domain=InterPro:IPR000668,IPR025661
Pfam:PF00112;Ontology_term=GO:0006508,GO:0008234
SM_V9_1 Liftoff exon    16776119        16776279        .       +
        .       Parent=Smp_105370.1
SM_V9_1 Liftoff exon    16777975        16778205        .       +
        .       Parent=Smp_105370.1
SM_V9_1 Liftoff exon    16779709        16780042        .       +
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        .       Parent=Smp_105370.1
SM_V9_1 Liftoff exon    16781730        16782169        .       +
        .       Parent=Smp_105370.1
SM_V9_1 Liftoff CDS     16776172        16776279        .       +
        0       Parent=Smp_105370.1
SM_V9_1 Liftoff CDS     16777975        16778205        .       +
        0       Parent=Smp_105370.1
SM_V9_1 Liftoff CDS     16779709        16780042        .       +
        0       Parent=Smp_105370.1
SM_V9_1 Liftoff CDS     16781730        16782058        .       +
        2       Parent=Smp_105370.1
SM_V9_1 Liftoff gene    16787472        16831727        .       +
        .       ID=Smp_105360;geneID=Smp_105360
SM_V9_1 Liftoff mRNA    16787472        16831727        .       +
        .
ID=Smp_105360.1;Parent=Smp_105360;geneID=Smp_105360;product=Neurogen
ic locus Notch
protein;polypeptide_domain=InterPro:IPR000742,IPR000800,IPR001881,IP
R002110,IPR013032,IPR020683
Pfam:PF00008,PF00066;Ontology_term=GO:0005509,GO:0005515
SM_V9_1 Liftoff exon    16787472        16787821        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16804180        16804446        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16805989        16806119        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16810106        16810370        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16812049        16812454        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16817467        16817770        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16818987        16819278        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16824964        16825352        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16827735        16827803        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff exon    16829996        16831727        .       +
        .       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16787719        16787821        .       +
        0       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16804180        16804446        .       +
        2       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16805989        16806119        .       +
        2       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16810106        16810370        .       +
        0       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16812049        16812454        .       +
        2       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16817467        16817770        .       +
        1       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16818987        16819278        .       +
        0       Parent=Smp_105360.1
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SM_V9_1 Liftoff CDS     16824964        16825352        .       +
        2       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16827735        16827803        .       +
        0       Parent=Smp_105360.1
SM_V9_1 Liftoff CDS     16829996        16831417        .       +
        0       Parent=Smp_105360.1
SM_V9_1 Liftoff gene    16851259        16852552        .       +
        .       ID=Smp_323530;geneID=Smp_323530
SM_V9_1 Liftoff mRNA    16851259        16852552        .       +
        .
ID=Smp_323530.1;Parent=Smp_323530;geneID=Smp_323530;product=50S
ribosomal protein L21
SM_V9_1 Liftoff exon    16851259        16851521        .       +
        .       Parent=Smp_323530.1
SM_V9_1 Liftoff exon    16852116        16852552        .       +
        .       Parent=Smp_323530.1
SM_V9_1 Liftoff CDS     16851434        16851521        .       +
        0       Parent=Smp_323530.1
SM_V9_1 Liftoff CDS     16852116        16852369        .       +
        2       Parent=Smp_323530.1
SM_V9_1 Liftoff gene    16918559        16952352        .       +
        .       ID=Smp_105340;geneID=Smp_105340
SM_V9_1 Liftoff mRNA    16918559        16952352        .       +
        .
ID=Smp_105340.1;Parent=Smp_105340;geneID=Smp_105340;product=Cyclic
nucleotide-gated cation channel subunit
A;polypeptide_domain=InterPro:IPR000595,IPR014710,IPR018488,IPR01849
0 Pfam:PF00027
SM_V9_1 Liftoff exon    16918559        16920167        .       +
        .       Parent=Smp_105340.1
SM_V9_1 Liftoff exon    16943222        16943515        .       +
        .       Parent=Smp_105340.1
SM_V9_1 Liftoff exon    16946412        16946723        .       +
        .       Parent=Smp_105340.1
SM_V9_1 Liftoff exon    16950316        16952352        .       +
        .       Parent=Smp_105340.1
SM_V9_1 Liftoff CDS     16918748        16920167        .       +
        0       Parent=Smp_105340.1
SM_V9_1 Liftoff CDS     16943222        16943515        .       +
        2       Parent=Smp_105340.1
SM_V9_1 Liftoff CDS     16946412        16946723        .       +
        2       Parent=Smp_105340.1
SM_V9_1 Liftoff CDS     16950316        16951967        .       +
        2       Parent=Smp_105340.1
SM_V9_1 iris    gene    16958591        16968648        .       +
        .
ID=Smp_105330;geneID=Smp_105330;gene_name=Smp_105330;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    16958591        16968648        .       +
        .
ID=Smp_105330.1;Parent=Smp_105330;geneID=Smp_105330;gene_name=Smp_10
5330;owner=irisadmin@local.host;orig_id=Smp_105330.1;date_last_modif
ied=2022-07-19;Name=Smp_105330.1;product=DCN1-like protein
1;date_creation=2022-07-19
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SM_V9_1 iris    exon    16958591        16958633        .       +
        .       Parent=Smp_105330.1;Name=933d6b5f-fc4b-427e-88bf-
a1d795c66690
SM_V9_1 iris    exon    16960807        16961011        .       +
        .       Parent=Smp_105330.1;Name=c8122bf2-f170-4eaf-822d-
c277c5fdc14c
SM_V9_1 iris    exon    16961960        16962131        .       +
        .       Parent=Smp_105330.1;Name=600aca7b-3ebb-4e50-85f6-
e498f5b958c9
SM_V9_1 iris    exon    16963842        16963978        .       +
        .       Parent=Smp_105330.1;Name=ec7e63ec-4a81-4849-
a87d-08513405479a
SM_V9_1 iris    exon    16966268        16966350        .       +
        .       Parent=Smp_105330.1;Name=3f0cdff9-3cd1-47f1-
a827-6c68c82132e1
SM_V9_1 iris    exon    16966978        16967074        .       +
        .       Parent=Smp_105330.1;Name=98ab5e8c-
cc4d-477d-94ad-3f4ba08ebae1
SM_V9_1 iris    exon    16967828        16968648        .       +
        .       Parent=Smp_105330.1;Name=cbd4cadd-3ef6-427d-
a9c5-9aa21f8ed433
SM_V9_1 iris    CDS     16958622        16958633        .       +
        0       Parent=Smp_105330.1
SM_V9_1 iris    CDS     16960807        16961011        .       +
        0       Parent=Smp_105330.1
SM_V9_1 iris    CDS     16961960        16962131        .       +
        2       Parent=Smp_105330.1
SM_V9_1 iris    CDS     16963842        16963978        .       +
        1       Parent=Smp_105330.1
SM_V9_1 iris    CDS     16966268        16966350        .       +
        2       Parent=Smp_105330.1
SM_V9_1 iris    CDS     16966978        16967074        .       +
        0       Parent=Smp_105330.1
SM_V9_1 iris    CDS     16967828        16967913        .       +
        2       Parent=Smp_105330.1
SM_V9_1 iris    gene    16972428        16972915        .       -
        .
ID=Smp_105320;geneID=Smp_105320;gene_name=Smp_105320;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    16972428        16972915        .       -
        .
ID=Smp_105320.1;Parent=Smp_105320;geneID=Smp_105320;gene_name=Smp_10
5320;owner=irisadmin@local.host;orig_id=Smp_105320.1;date_last_modif
ied=2022-08-27;Name=Smp_105320.1;product=60S ribosomal protein
L37a;date_creation=2022-08-27
SM_V9_1 iris    exon    16972428        16972548        .       -
        .       Parent=Smp_105320.1;Name=cc5f184d-0cdd-4666-
ace2-32407062a3aa
SM_V9_1 iris    exon    16972584        16972666        .       -
        .       Parent=Smp_105320.1;Name=69614163-4af0-413a-99e6-
f706133a71f0
SM_V9_1 iris    exon    16972703        16972831        .       -
        .       Parent=Smp_105320.1;Name=8b8d9fac-85a4-4bf1-8157-
a387336e2673
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SM_V9_1 iris    exon    16972869        16972915        .       -
        .       Parent=Smp_105320.1;Name=cc3cccb0-
a0be-4c13-8ad2-70caf0ae9e55
SM_V9_1 iris    CDS     16972485        16972548        .       -
        1       Parent=Smp_105320.1
SM_V9_1 iris    CDS     16972584        16972666        .       -
        0       Parent=Smp_105320.1
SM_V9_1 iris    CDS     16972703        16972831        .       -
        0       Parent=Smp_105320.1
SM_V9_1 iris    CDS     16972869        16972871        .       -
        0       Parent=Smp_105320.1
SM_V9_1 Liftoff gene    16997123        17014878        .       -
        .
ID=Smp_196410;geneID=Smp_196410;previous_systematic_id=Smp_180990
SM_V9_1 Liftoff mRNA    16997123        17014878        .       -
        .
ID=Smp_196410.1;Parent=Smp_196410;geneID=Smp_196410;product=Dachshun
d homolog 1;polypeptide_domain=InterPro:IPR003380,IPR009061
Pfam:PF02437
SM_V9_1 Liftoff exon    16997123        16997627        .       -
        .       Parent=Smp_196410.1
SM_V9_1 Liftoff exon    16997987        16998375        .       -
        .       Parent=Smp_196410.1
SM_V9_1 Liftoff exon    16999487        16999932        .       -
        .       Parent=Smp_196410.1
SM_V9_1 Liftoff exon    17000938        17001500        .       -
        .       Parent=Smp_196410.1
SM_V9_1 Liftoff exon    17013637        17014878        .       -
        .       Parent=Smp_196410.1
SM_V9_1 Liftoff CDS     16997609        16997627        .       -
        1       Parent=Smp_196410.1
SM_V9_1 Liftoff CDS     16997987        16998375        .       -
        0       Parent=Smp_196410.1
SM_V9_1 Liftoff CDS     16999487        16999932        .       -
        2       Parent=Smp_196410.1
SM_V9_1 Liftoff CDS     17000938        17001500        .       -
        1       Parent=Smp_196410.1
SM_V9_1 Liftoff CDS     17013637        17014235        .       -
        0       Parent=Smp_196410.1
SM_V9_1 Liftoff gene    17033322        17121209        .       +
        .
ID=Smp_333140;geneID=Smp_333140;previous_systematic_id=Smp_168870,Sm
p_180980
SM_V9_1 Liftoff mRNA    17033322        17121209        .       +
        .
ID=Smp_333140.1;Parent=Smp_333140;geneID=Smp_333140;product=Rootleti
n;polypeptide_domain=Pfam:PF15035
SM_V9_1 Liftoff exon    17033322        17056698        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17058272        17058592        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17061714        17061841        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17064070        17064355        .       +
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        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17065238        17065486        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17066904        17067164        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17068520        17068849        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17074312        17074505        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17075557        17075731        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17078490        17078696        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17079697        17080170        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17082608        17082791        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17083827        17084136        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17085924        17086035        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17086533        17086663        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17088605        17088780        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17090288        17090693        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17093010        17093214        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17095066        17095654        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17097005        17097412        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17099594        17099757        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17102735        17102914        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17104971        17105231        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17106758        17106968        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17108560        17108699        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17110459        17110590        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17112414        17112593        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17119125        17119304        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff exon    17119967        17121209        .       +
        .       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17056696        17056698        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17058272        17058592        .       +
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        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17061714        17061841        .       +
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SM_V9_1 Liftoff CDS     17064070        17064355        .       +
        1       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17065238        17065486        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17066904        17067164        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17068520        17068849        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17074312        17074505        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17075557        17075731        .       +
        1       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17078490        17078696        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17079697        17080170        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17082608        17082791        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17083827        17084136        .       +
        2       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17085924        17086035        .       +
        1       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17086533        17086663        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17088605        17088780        .       +
        1       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17090288        17090693        .       +
        2       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17093010        17093214        .       +
        1       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17095066        17095654        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17097005        17097412        .       +
        2       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17099594        17099757        .       +
        2       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17102735        17102914        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17104971        17105231        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17106758        17106968        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17108560        17108699        .       +
        2       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17110459        17110590        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17112414        17112593        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17119125        17119304        .       +
        0       Parent=Smp_333140.1
SM_V9_1 Liftoff CDS     17119967        17120386        .       +
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        0       Parent=Smp_333140.1
SM_V9_1 Liftoff gene    17127161        17127778        .       -
        .
ID=Smp_345870;geneID=Smp_345870;previous_systematic_id=Smp_168860
SM_V9_1 Liftoff mRNA    17127161        17127778        .       -
        .
ID=Smp_345870.1;Parent=Smp_345870;geneID=Smp_345870;product=Uncharac
terized protein C1orf131
homolog;polypeptide_domain=InterPro:IPR027973 Pfam:PF15375
SM_V9_1 Liftoff exon    17127161        17127287        .       -
        .       Parent=Smp_345870.1
SM_V9_1 Liftoff exon    17127323        17127411        .       -
        .       Parent=Smp_345870.1
SM_V9_1 Liftoff exon    17127457        17127675        .       -
        .       Parent=Smp_345870.1
SM_V9_1 Liftoff exon    17127715        17127778        .       -
        .       Parent=Smp_345870.1
SM_V9_1 Liftoff CDS     17127260        17127287        .       -
        1       Parent=Smp_345870.1
SM_V9_1 Liftoff CDS     17127323        17127411        .       -
        0       Parent=Smp_345870.1
SM_V9_1 Liftoff CDS     17127457        17127675        .       -
        0       Parent=Smp_345870.1
SM_V9_1 Liftoff CDS     17127715        17127753        .       -
        0       Parent=Smp_345870.1
SM_V9_1 iris    gene    17143259        17179108        .       +
        .
ID=Smp_333150;geneID=Smp_333150;gene_name=Smp_333150;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    17143259        17179108        .       +
        .
ID=Smp_333150.1;Parent=Smp_333150;geneID=Smp_333150;gene_name=Smp_33
3150;owner=irisadmin@local.host;orig_id=Smp_333150.1;date_last_modif
ied=2022-07-19;Name=Smp_333150.1;product=Metastasis-associated
protein MTA3;date_creation=2022-07-19
SM_V9_1 iris    exon    17143259        17143483        .       +
        .
Parent=Smp_333150.1;Name=fcfd62b3-14eb-44ed-9695-89314a37f9d9
SM_V9_1 iris    exon    17154613        17154680        .       +
        .       Parent=Smp_333150.1;Name=b1cf8f9a-5b13-4511-
b928-4fb847f8e9cd
SM_V9_1 iris    exon    17156892        17156982        .       +
        .       Parent=Smp_333150.1;Name=a34fb3a1-a5a1-481b-
beee-11ef08cc2890
SM_V9_1 iris    exon    17158722        17158913        .       +
        .
Parent=Smp_333150.1;Name=d4ce5a57-0dca-49f1-99f7-91c6cac6089f
SM_V9_1 iris    exon    17159679        17159858        .       +
        .       Parent=Smp_333150.1;Name=7db7ebd6-588f-4ff4-9155-
f8e56ca5ed5b
SM_V9_1 iris    exon    17160756        17161028        .       +
        .
Parent=Smp_333150.1;Name=3f865357-41de-42d8-95e5-5a477ee141e9
SM_V9_1 iris    exon    17164713        17165039        .       +
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        .       Parent=Smp_333150.1;Name=f1fd18ee-c783-48fb-a506-
b2d48a4abe49
SM_V9_1 iris    exon    17166971        17167087        .       +
        .       Parent=Smp_333150.1;Name=163cc0bb-2d8b-4562-995d-
d054a9bf21af
SM_V9_1 iris    exon    17171868        17172010        .       +
        .       Parent=Smp_333150.1;Name=f4406cef-823d-4434-aae3-
b60f323704d1
SM_V9_1 iris    exon    17173874        17174246        .       +
        .       Parent=Smp_333150.1;Name=9a897bc7-8c15-462e-a87a-
cf176bfba5d1
SM_V9_1 iris    exon    17176292        17176806        .       +
        .       Parent=Smp_333150.1;Name=f47208a7-df07-415f-ae8e-
c84dd5a6cb17
SM_V9_1 iris    exon    17178153        17179108        .       +
        .       Parent=Smp_333150.1;Name=39e3e434-01e7-45b5-
b71a-5efe009f0aeb
SM_V9_1 iris    CDS     17143453        17143483        .       +
        0       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17154613        17154680        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17156892        17156982        .       +
        0       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17158722        17158913        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17159679        17159858        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17160756        17161028        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17164713        17165039        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17166971        17167087        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17171868        17172010        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17173874        17174246        .       +
        0       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17176292        17176806        .       +
        2       Parent=Smp_333150.1
SM_V9_1 iris    CDS     17178153        17178155        .       +
        0       Parent=Smp_333150.1
SM_V9_1 Liftoff gene    17233693        17261598        .       -
        .       ID=Smp_103160;geneID=Smp_103160
SM_V9_1 Liftoff mRNA    17233693        17261598        .       -
        .
ID=Smp_103160.1;Parent=Smp_103160;geneID=Smp_103160;product=FAA4
Long-chain-fatty-acid--CoA ligase
4;polypeptide_domain=InterPro:IPR000873,IPR020845
Pfam:PF00501;Ontology_term=GO:0003824,GO:0008152
SM_V9_1 Liftoff exon    17233693        17235291        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17236765        17237105        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17241725        17241990        .       -
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        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17243630        17243826        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17246537        17246716        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17250240        17250412        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17256734        17257145        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17259586        17259864        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff exon    17261146        17261598        .       -
        .       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17235079        17235291        .       -
        0       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17236765        17237105        .       -
        2       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17241725        17241990        .       -
        1       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17243630        17243826        .       -
        0       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17246537        17246716        .       -
        0       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17250240        17250412        .       -
        2       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17256734        17257145        .       -
        0       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17259586        17259864        .       -
        0       Parent=Smp_103160.1
SM_V9_1 Liftoff CDS     17261146        17261391        .       -
        0       Parent=Smp_103160.1
SM_V9_1 Liftoff gene    17290612        17301152        .       -
        .       ID=Smp_085840;geneID=Smp_085840
SM_V9_1 Liftoff mRNA    17290612        17301152        .       -
        .
ID=Smp_085840.1;Parent=Smp_085840;geneID=Smp_085840;product=MEG-4
(10.3) family;evidence=Traceable Author
Statement;literature=PMID:20606017
SM_V9_1 Liftoff exon    17290612        17290756        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17291533        17291555        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17292539        17292559        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17293058        17293078        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17293613        17293630        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17293995        17294021        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17295151        17295171        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17296551        17296571        .       -
        .       Parent=Smp_085840.1
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SM_V9_1 Liftoff exon    17297350        17297379        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17298220        17298252        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17299857        17299881        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff exon    17301016        17301152        .       -
        .       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17290743        17290756        .       -
        2       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17291533        17291555        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17292539        17292559        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17293058        17293078        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17293613        17293630        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17293995        17294021        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17295151        17295171        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17296551        17296571        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17297350        17297379        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17298220        17298252        .       -
        1       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17299857        17299881        .       -
        2       Parent=Smp_085840.1
SM_V9_1 Liftoff CDS     17301016        17301085        .       -
        0       Parent=Smp_085840.1
SM_V9_1 iris    gene    17308464        17319498        .       -
        .
ID=Smp_085830;geneID=Smp_085830;gene_name=Smp_085830;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    17308464        17319498        .       -
        .
ID=Smp_085830.1;Parent=Smp_085830;geneID=Smp_085830;gene_name=Smp_08
5830;owner=irisadmin@local.host;orig_id=Smp_085830.1;date_last_modif
ied=2022-08-27;Name=Smp_085830.1;product=Transmembrane protein
9;date_creation=2022-08-27
SM_V9_1 iris    exon    17308464        17309176        .       -
        .       Parent=Smp_085830.1;Name=d45bd83f-c05b-4e2b-
b067-072d2b014a44
SM_V9_1 iris    exon    17310853        17311210        .       -
        .       Parent=Smp_085830.1;Name=b4bb1377-1b6c-4e14-
b861-19897b5ea327
SM_V9_1 iris    exon    17316773        17316860        .       -
        .       Parent=Smp_085830.1;Name=bbb609de-9c60-4947-
ba30-66d0d8f73008
SM_V9_1 iris    exon    17316909        17317021        .       -
        .       Parent=Smp_085830.1;Name=314a1d48-
faad-44c1-9dfa-8a95cc51e64b
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SM_V9_1 iris    exon    17317067        17317156        .       -
        .       Parent=Smp_085830.1;Name=cd6a9551-
a414-497d-9371-011a65ac1972
SM_V9_1 iris    exon    17319360        17319498        .       -
        .       Parent=Smp_085830.1;Name=77d476ab-23ac-4608-855b-
b4d17ca7d160
SM_V9_1 iris    CDS     17308959        17309176        .       -
        2       Parent=Smp_085830.1
SM_V9_1 iris    CDS     17310853        17311210        .       -
        0       Parent=Smp_085830.1
SM_V9_1 iris    CDS     17316773        17316860        .       -
        1       Parent=Smp_085830.1
SM_V9_1 iris    CDS     17316909        17317021        .       -
        0       Parent=Smp_085830.1
SM_V9_1 iris    CDS     17317067        17317117        .       -
        0       Parent=Smp_085830.1
SM_V9_1 iris    mRNA    17308464        17319498        .       -
        .
ID=Smp_085830.2;Parent=Smp_085830;geneID=Smp_085830;gene_name=Smp_08
5830;owner=irisadmin@local.host;date_last_modified=2022-08-27;Name=S
mp_085830.2;product=Transmembrane protein 9;date_creation=2022-08-27
SM_V9_1 iris    exon    17308464        17309176        .       -
        .       Parent=Smp_085830.2;Name=0487c629-1687-465b-8865-
aec9f85f0e54
SM_V9_1 iris    exon    17310853        17311210        .       -
        .       Parent=Smp_085830.2;Name=ca788b4a-
d768-4598-880c-7a683b664745
SM_V9_1 iris    exon    17316773        17316860        .       -
        .       Parent=Smp_085830.2;Name=8a096059-3f6c-4e15-
aad1-6a582b4e342c
SM_V9_1 iris    exon    17316909        17317021        .       -
        .       Parent=Smp_085830.2;Name=2a62b593-6bc0-4d5f-aa6a-
ed976e4467e2
SM_V9_1 iris    exon    17317067        17317156        .       -
        .       Parent=Smp_085830.2;Name=8fea36bc-7a7e-4d25-
be0c-0478e7ba49de
SM_V9_1 iris    exon    17319446        17319498        .       -
        .       Parent=Smp_085830.2;Name=e45eb73a-e7bc-4807-9126-
b11371fd6a96
SM_V9_1 iris    CDS     17308959        17309176        .       -
        2       Parent=Smp_085830.2
SM_V9_1 iris    CDS     17310853        17311210        .       -
        0       Parent=Smp_085830.2
SM_V9_1 iris    CDS     17316773        17316860        .       -
        1       Parent=Smp_085830.2
SM_V9_1 iris    CDS     17316909        17317021        .       -
        0       Parent=Smp_085830.2
SM_V9_1 iris    CDS     17317067        17317117        .       -
        0       Parent=Smp_085830.2
SM_V9_1 Liftoff gene    17324474        17339788        .       -
        .
ID=Smp_345860;geneID=Smp_345860;previous_systematic_id=Smp_168820
SM_V9_1 Liftoff mRNA    17324474        17339788        .       -
        .
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ID=Smp_345860.1;Parent=Smp_345860;geneID=Smp_345860;product=Hypothet
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SM_V9_1 Liftoff exon    17324474        17324698        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17325638        17325705        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17328853        17329180        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17329824        17330188        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17331285        17331890        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17333433        17333505        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17335262        17335451        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17337157        17337269        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17337311        17337381        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17337425        17337506        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff exon    17337544        17339788        .       -
        .       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17324569        17324698        .       -
        1       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17325638        17325705        .       -
        0       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17328853        17329180        .       -
        1       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17329824        17330188        .       -
        0       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17331285        17331890        .       -
        0       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17333433        17333505        .       -
        1       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17335262        17335451        .       -
        2       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17337157        17337269        .       -
        1       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17337311        17337381        .       -
        0       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17337425        17337506        .       -
        1       Parent=Smp_345860.1
SM_V9_1 Liftoff CDS     17337544        17337626        .       -
        0       Parent=Smp_345860.1
SM_V9_1 Liftoff gene    17347782        17365401        .       +
        .
ID=Smp_333160;geneID=Smp_333160;previous_systematic_id=Smp_168810,Sm
p_168830
SM_V9_1 Liftoff mRNA    17347782        17365401        .       +
        .
ID=Smp_333160.1;Parent=Smp_333160;geneID=Smp_333160;product=DNA-
binding protein
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Ets97D;polypeptide_domain=InterPro:IPR000418,IPR003118,IPR011991,IPR
013761,IPR024668
Pfam:PF00178,PF02198,PF11620;Ontology_term=GO:0003700,GO:0005634,GO:
0006355,GO:0043565
SM_V9_1 Liftoff exon    17347782        17353149        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff exon    17353183        17353398        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff exon    17354109        17354519        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff exon    17357700        17357886        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff exon    17358946        17359080        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff exon    17360474        17360715        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff exon    17361558        17361845        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff exon    17362977        17365401        .       +
        .       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17352880        17353149        .       +
        0       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17353183        17353398        .       +
        0       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17354109        17354519        .       +
        0       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17357700        17357886        .       +
        0       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17358946        17359080        .       +
        2       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17360474        17360715        .       +
        2       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17361558        17361845        .       +
        0       Parent=Smp_333160.1
SM_V9_1 Liftoff CDS     17362977        17364227        .       +
        0       Parent=Smp_333160.1
SM_V9_1 Liftoff gene    17378538        17380211        .       -
        .       ID=Smp_323640;geneID=Smp_323640
SM_V9_1 Liftoff mRNA    17378538        17380211        .       -
        .
ID=Smp_323640.1;Parent=Smp_323640;geneID=Smp_323640;product=Genome
polyprotein
SM_V9_1 Liftoff exon    17378538        17378746        .       -
        .       Parent=Smp_323640.1
SM_V9_1 Liftoff exon    17379213        17379336        .       -
        .       Parent=Smp_323640.1
SM_V9_1 Liftoff exon    17379384        17380211        .       -
        .       Parent=Smp_323640.1
SM_V9_1 Liftoff CDS     17378703        17378746        .       -
        2       Parent=Smp_323640.1
SM_V9_1 Liftoff CDS     17379213        17379336        .       -
        0       Parent=Smp_323640.1
SM_V9_1 Liftoff CDS     17379384        17379395        .       -
        0       Parent=Smp_323640.1
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SM_V9_1 Liftoff gene    17397993        17401691        .       -
        .       ID=Smp_175240;geneID=Smp_175240
SM_V9_1 Liftoff mRNA    17397993        17401691        .       -
        .
ID=Smp_175240.1;Parent=Smp_175240;geneID=Smp_175240;product=E3
ubiquitin-protein ligase BRE1
SM_V9_1 Liftoff exon    17397993        17398223        .       -
        .       Parent=Smp_175240.1
SM_V9_1 Liftoff exon    17399264        17399402        .       -
        .       Parent=Smp_175240.1
SM_V9_1 Liftoff exon    17399468        17399504        .       -
        .       Parent=Smp_175240.1
SM_V9_1 Liftoff exon    17401507        17401691        .       -
        .       Parent=Smp_175240.1
SM_V9_1 Liftoff CDS     17398177        17398223        .       -
        2       Parent=Smp_175240.1
SM_V9_1 Liftoff CDS     17399264        17399402        .       -
        0       Parent=Smp_175240.1
SM_V9_1 Liftoff CDS     17399468        17399504        .       -
        1       Parent=Smp_175240.1
SM_V9_1 Liftoff CDS     17401507        17401562        .       -
        0       Parent=Smp_175240.1
SM_V9_1 Liftoff gene    17407855        17409882        .       +
        .
ID=Smp_341790;geneID=Smp_341790;previous_systematic_id=Smp_113760
SM_V9_1 Liftoff mRNA    17407855        17409882        .       +
        .
ID=Smp_341790.1;Parent=Smp_341790;geneID=Smp_341790;product=anti-
inflammatory protein 16, putative;evidence=Traceable Author
Statement;literature=PMID:10101260 PMID:10567347
SM_V9_1 Liftoff exon    17407855        17407941        .       +
        .       Parent=Smp_341790.1
SM_V9_1 Liftoff exon    17409346        17409436        .       +
        .       Parent=Smp_341790.1
SM_V9_1 Liftoff exon    17409485        17409608        .       +
        .       Parent=Smp_341790.1
SM_V9_1 Liftoff exon    17409643        17409882        .       +
        .       Parent=Smp_341790.1
SM_V9_1 Liftoff CDS     17407880        17407941        .       +
        0       Parent=Smp_341790.1
SM_V9_1 Liftoff CDS     17409346        17409436        .       +
        1       Parent=Smp_341790.1
SM_V9_1 Liftoff CDS     17409485        17409608        .       +
        0       Parent=Smp_341790.1
SM_V9_1 Liftoff CDS     17409643        17409719        .       +
        2       Parent=Smp_341790.1
SM_V9_1 Liftoff gene    17415979        17418471        .       -
        .
ID=Smp_337250;geneID=Smp_337250;previous_systematic_id=Smp_205800
SM_V9_1 Liftoff mRNA    17415979        17418471        .       -
        .
ID=Smp_337250.1;Parent=Smp_337250;geneID=Smp_337250;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    17415979        17416314        .       -
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        .       Parent=Smp_337250.1
SM_V9_1 Liftoff exon    17416368        17416491        .       -
        .       Parent=Smp_337250.1
SM_V9_1 Liftoff exon    17416545        17416809        .       -
        .       Parent=Smp_337250.1
SM_V9_1 Liftoff exon    17418380        17418471        .       -
        .       Parent=Smp_337250.1
SM_V9_1 Liftoff CDS     17416238        17416314        .       -
        2       Parent=Smp_337250.1
SM_V9_1 Liftoff CDS     17416368        17416491        .       -
        0       Parent=Smp_337250.1
SM_V9_1 Liftoff CDS     17416545        17416809        .       -
        1       Parent=Smp_337250.1
SM_V9_1 Liftoff CDS     17418380        17418441        .       -
        0       Parent=Smp_337250.1
SM_V9_1 Liftoff gene    17424711        17426311        .       -
        .       ID=Smp_323680;geneID=Smp_323680
SM_V9_1 Liftoff mRNA    17424711        17426311        .       -
        .
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repressor
SM_V9_1 Liftoff exon    17424711        17425002        .       -
        .       Parent=Smp_323680.1
SM_V9_1 Liftoff exon    17425039        17425162        .       -
        .       Parent=Smp_323680.1
SM_V9_1 Liftoff exon    17425207        17426311        .       -
        .       Parent=Smp_323680.1
SM_V9_1 Liftoff CDS     17424926        17425002        .       -
        2       Parent=Smp_323680.1
SM_V9_1 Liftoff CDS     17425039        17425162        .       -
        0       Parent=Smp_323680.1
SM_V9_1 Liftoff CDS     17425207        17425209        .       -
        0       Parent=Smp_323680.1
SM_V9_1 Liftoff gene    17426535        17428089        .       +
        .       ID=Smp_323710;geneID=Smp_323710
SM_V9_1 Liftoff mRNA    17426535        17428089        .       +
        .
ID=Smp_323710.1;Parent=Smp_323710;geneID=Smp_323710;product=Scarecro
w-like protein 27
SM_V9_1 Liftoff exon    17426535        17426696        .       +
        .       Parent=Smp_323710.1
SM_V9_1 Liftoff exon    17427578        17427635        .       +
        .       Parent=Smp_323710.1
SM_V9_1 Liftoff exon    17427680        17427803        .       +
        .       Parent=Smp_323710.1
SM_V9_1 Liftoff exon    17427840        17428089        .       +
        .       Parent=Smp_323710.1
SM_V9_1 Liftoff CDS     17426635        17426696        .       +
        0       Parent=Smp_323710.1
SM_V9_1 Liftoff CDS     17427578        17427635        .       +
        1       Parent=Smp_323710.1
SM_V9_1 Liftoff CDS     17427680        17427803        .       +
        0       Parent=Smp_323710.1
SM_V9_1 Liftoff CDS     17427840        17427916        .       +
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        2       Parent=Smp_323710.1
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        .
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@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    17434256        17437246        .       -
        .
ID=Smp_096790.1;Parent=Smp_096790;geneID=Smp_096790;gene_name=Smp_09
6790;owner=irisadmin@local.host;orig_id=Smp_096790.1;date_last_modif
ied=2022-08-27;Name=Smp_096790.1;product=Pentafunctional AROM
polypeptide;date_creation=2022-08-27
SM_V9_1 iris    exon    17434256        17434574        .       -
        .       Parent=Smp_096790.1;Name=556f111e-4a0e-47f7-
bdc9-8fe740e3c628
SM_V9_1 iris    exon    17434630        17434765        .       -
        .       Parent=Smp_096790.1;Name=e84bed90-94cd-43d3-901f-
a62c12d2bb5c
SM_V9_1 iris    exon    17434804        17434837        .       -
        .
Parent=Smp_096790.1;Name=da529c6d-4e95-4654-89b3-3b99f42038c9
SM_V9_1 iris    exon    17437169        17437246        .       -
        .       Parent=Smp_096790.1;Name=5b55eadc-
b68e-4b71-8da4-3000b04a0457
SM_V9_1 iris    CDS     17434516        17434574        .       -
        2       Parent=Smp_096790.1
SM_V9_1 iris    CDS     17434630        17434765        .       -
        0       Parent=Smp_096790.1
SM_V9_1 iris    CDS     17434804        17434837        .       -
        1       Parent=Smp_096790.1
SM_V9_1 iris    CDS     17437169        17437224        .       -
        0       Parent=Smp_096790.1
SM_V9_1 Liftoff gene    17440024        17440273        .       +
        .       ID=Smp_189720;geneID=Smp_189720
SM_V9_1 Liftoff mRNA    17440024        17440273        .       +
        .
ID=Smp_189720.1;Parent=Smp_189720;geneID=Smp_189720;product=Putative
ankyrin repeat protein L675
SM_V9_1 Liftoff exon    17440024        17440097        .       +
        .       Parent=Smp_189720.1
SM_V9_1 Liftoff exon    17440123        17440273        .       +
        .       Parent=Smp_189720.1
SM_V9_1 Liftoff CDS     17440024        17440097        .       +
        0       Parent=Smp_189720.1
SM_V9_1 Liftoff CDS     17440123        17440273        .       +
        1       Parent=Smp_189720.1
SM_V9_1 Liftoff gene    17447914        17469904        .       -
        .
ID=Smp_346350;geneID=Smp_346350;previous_systematic_id=Smp_175250
SM_V9_1 Liftoff mRNA    17447914        17469904        .       -
        .
ID=Smp_346350.1;Parent=Smp_346350;geneID=Smp_346350;product=26S
proteasome non-ATPase regulatory subunit
1;polypeptide_domain=InterPro:IPR002015,IPR011989,IPR016024,IPR01664
2
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Pfam:PF01851,PF13646;Ontology_term=GO:0000502,GO:0005488,GO:0030234,
GO:0042176
SM_V9_1 Liftoff exon    17447914        17449082        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17450539        17450649        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17452632        17452701        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17453504        17453678        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17454051        17454245        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17456003        17456144        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17457322        17457553        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17457775        17457941        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17459169        17459359        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17460191        17460340        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17463670        17463810        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17463965        17464205        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17465346        17465759        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17468022        17468229        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17469251        17469467        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17469500        17469743        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff exon    17469783        17469904        .       -
        .       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17448321        17449082        .       -
        0       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17450539        17450649        .       -
        0       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17452632        17452701        .       -
        1       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17453504        17453678        .       -
        2       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17454051        17454245        .       -
        2       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17456003        17456144        .       -
        0       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17457322        17457553        .       -
        1       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17457775        17457941        .       -
        0       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17459169        17459359        .       -
        2       Parent=Smp_346350.1
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SM_V9_1 Liftoff CDS     17460191        17460340        .       -
        2       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17463670        17463810        .       -
        2       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17463965        17464205        .       -
        0       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17465346        17465759        .       -
        0       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17468022        17468229        .       -
        1       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17469251        17469467        .       -
        2       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17469500        17469743        .       -
        0       Parent=Smp_346350.1
SM_V9_1 Liftoff CDS     17469783        17469845        .       -
        0       Parent=Smp_346350.1
SM_V9_1 iris    gene    17479659        17494109        .       +
        .
ID=Smp_333200;geneID=Smp_333200;gene_name=Smp_333200;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-27
SM_V9_1 iris    mRNA    17479659        17494109        .       +
        .
ID=Smp_333200.1;Parent=Smp_333200;geneID=Smp_333200;gene_name=Smp_33
3200;owner=irisadmin@local.host;orig_id=Smp_333200.1;date_last_modif
ied=2022-08-27;Name=Smp_333200.1;product=Splicing factor 3B subunit
2;date_creation=2022-08-27
SM_V9_1 iris    exon    17479659        17479967        .       +
        .       Parent=Smp_333200.1;Name=45161772-111c-4c50-926f-
a97764fbb0d3
SM_V9_1 iris    exon    17481257        17481757        .       +
        .       Parent=Smp_333200.1;Name=f3063a8f-
c042-4aed-8970-10261ed74528
SM_V9_1 iris    exon    17486504        17486743        .       +
        .       Parent=Smp_333200.1;Name=504b7d05-3124-46ab-
ae01-5214a7dce641
SM_V9_1 iris    exon    17488354        17488624        .       +
        .       Parent=Smp_333200.1;Name=7ede44b3-39b5-49d8-ae23-
fe122d6e8120
SM_V9_1 iris    exon    17489447        17489669        .       +
        .       Parent=Smp_333200.1;Name=539079be-f8f7-4fe9-
bfcc-2a048422d47f
SM_V9_1 iris    exon    17491527        17491759        .       +
        .       Parent=Smp_333200.1;Name=d1a1557a-61c6-4245-
b9e8-80228d294516
SM_V9_1 iris    exon    17493557        17493690        .       +
        .       Parent=Smp_333200.1;Name=b92a3a4a-2cc1-45a3-8779-
a892c794c837
SM_V9_1 iris    exon    17493733        17494109        .       +
        .       Parent=Smp_333200.1;Name=07caa517-98b1-4cfa-ac34-
e946a5850c60
SM_V9_1 iris    CDS     17479698        17479967        .       +
        0       Parent=Smp_333200.1
SM_V9_1 iris    CDS     17481257        17481757        .       +
        0       Parent=Smp_333200.1
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SM_V9_1 iris    CDS     17486504        17486743        .       +
        0       Parent=Smp_333200.1
SM_V9_1 iris    CDS     17488354        17488624        .       +
        0       Parent=Smp_333200.1
SM_V9_1 iris    CDS     17489447        17489669        .       +
        2       Parent=Smp_333200.1
SM_V9_1 iris    CDS     17491527        17491759        .       +
        1       Parent=Smp_333200.1
SM_V9_1 iris    CDS     17493557        17493690        .       +
        2       Parent=Smp_333200.1
SM_V9_1 iris    CDS     17493733        17493900        .       +
        0       Parent=Smp_333200.1
SM_V9_1 Liftoff gene    17514565        17540142        .       +
        .       ID=Smp_175270;geneID=Smp_175270
SM_V9_1 Liftoff mRNA    17514565        17540142        .       +
        .
ID=Smp_175270.1;Parent=Smp_175270;geneID=Smp_175270;product=Protein
lag-2;polypeptide_domain=InterPro:IPR000742,IPR001774,IPR013032
Pfam:PF01414;Ontology_term=GO:0007154,GO:0016020
SM_V9_1 Liftoff exon    17514565        17515255        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff exon    17524813        17524919        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff exon    17526238        17526331        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff exon    17527419        17527546        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff exon    17530206        17530333        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff exon    17532317        17532831        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff exon    17537413        17537531        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff exon    17538754        17540142        .       +
        .       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17515169        17515255        .       +
        0       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17524813        17524919        .       +
        0       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17526238        17526331        .       +
        1       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17527419        17527546        .       +
        0       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17530206        17530333        .       +
        1       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17532317        17532831        .       +
        2       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17537413        17537531        .       +
        0       Parent=Smp_175270.1
SM_V9_1 Liftoff CDS     17538754        17539774        .       +
        1       Parent=Smp_175270.1
SM_V9_1 Liftoff gene    17546418        17586151        .       -
        .
ID=Smp_333210;geneID=Smp_333210;previous_systematic_id=Smp_175280,Sm
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p_179700
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terized protein FLJ30774
SM_V9_1 Liftoff exon    17546418        17546751        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17548871        17548964        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17549934        17550025        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17551414        17551466        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17553849        17554227        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17557284        17557383        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17558857        17558936        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17560422        17560490        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17563247        17563399        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17566567        17566665        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17572216        17572314        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17576184        17576258        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff exon    17585790        17586151        .       -
        .       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17546644        17546751        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17548871        17548964        .       -
        1       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17549934        17550025        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17551414        17551466        .       -
        2       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17553849        17554227        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17557284        17557383        .       -
        1       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17558857        17558936        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17560422        17560490        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17563247        17563399        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17566567        17566665        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17572216        17572314        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17576184        17576258        .       -
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        0       Parent=Smp_333210.1
SM_V9_1 Liftoff CDS     17585790        17585798        .       -
        0       Parent=Smp_333210.1
SM_V9_1 Liftoff mRNA    17546418        17586151        .       -
        .
ID=Smp_333210.2;Parent=Smp_333210;geneID=Smp_333210;product=Probable
monoterpene synthase MTS1, chloroplastic
SM_V9_1 Liftoff exon    17546418        17546751        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17549934        17550025        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17551414        17551466        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17553849        17554227        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17557284        17557383        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17558857        17558936        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17560422        17560490        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17563247        17563399        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17566567        17566665        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17572216        17572314        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17576184        17576258        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff exon    17585790        17586151        .       -
        .       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17546724        17546751        .       -
        1       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17549934        17550025        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17551414        17551466        .       -
        2       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17553849        17554227        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17557284        17557383        .       -
        1       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17558857        17558936        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17560422        17560490        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17563247        17563399        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17566567        17566665        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17572216        17572314        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17576184        17576258        .       -
        0       Parent=Smp_333210.2
SM_V9_1 Liftoff CDS     17585790        17585798        .       -
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        0       Parent=Smp_333210.2
SM_V9_1 Liftoff gene    17586929        17587132        .       +
        .       ID=Smp_202220;geneID=Smp_202220
SM_V9_1 Liftoff mRNA    17586929        17587132        .       +
        .
ID=Smp_202220.1;Parent=Smp_202220;geneID=Smp_202220;product=Malate
dehydrogenase
SM_V9_1 Liftoff exon    17586929        17587132        .       +
        .       Parent=Smp_202220.1
SM_V9_1 Liftoff CDS     17586929        17587132        .       +
        0       Parent=Smp_202220.1
SM_V9_1 Liftoff gene    17592147        17598821        .       -
        .       ID=Smp_103200;geneID=Smp_103200
SM_V9_1 Liftoff mRNA    17592147        17598821        .       -
        .
ID=Smp_103200.1;Parent=Smp_103200;geneID=Smp_103200;product=V-type
proton ATPase subunit D;polypeptide_domain=InterPro:IPR002699
Pfam:PF01813;Ontology_term=GO:0042626
SM_V9_1 Liftoff exon    17592147        17592578        .       -
        .       Parent=Smp_103200.1
SM_V9_1 Liftoff exon    17593960        17594038        .       -
        .       Parent=Smp_103200.1
SM_V9_1 Liftoff exon    17595902        17596072        .       -
        .       Parent=Smp_103200.1
SM_V9_1 Liftoff exon    17598247        17598291        .       -
        .       Parent=Smp_103200.1
SM_V9_1 Liftoff exon    17598324        17598474        .       -
        .       Parent=Smp_103200.1
SM_V9_1 Liftoff exon    17598507        17598624        .       -
        .       Parent=Smp_103200.1
SM_V9_1 Liftoff exon    17598675        17598821        .       -
        .       Parent=Smp_103200.1
SM_V9_1 Liftoff CDS     17592434        17592578        .       -
        1       Parent=Smp_103200.1
SM_V9_1 Liftoff CDS     17593960        17594038        .       -
        2       Parent=Smp_103200.1
SM_V9_1 Liftoff CDS     17595902        17596072        .       -
        2       Parent=Smp_103200.1
SM_V9_1 Liftoff CDS     17598247        17598291        .       -
        2       Parent=Smp_103200.1
SM_V9_1 Liftoff CDS     17598324        17598474        .       -
        0       Parent=Smp_103200.1
SM_V9_1 Liftoff CDS     17598507        17598624        .       -
        1       Parent=Smp_103200.1
SM_V9_1 Liftoff CDS     17598675        17598718        .       -
        0       Parent=Smp_103200.1
SM_V9_1 Liftoff gene    17646941        17653921        .       -
        .       ID=Smp_323790;geneID=Smp_323790
SM_V9_1 Liftoff mRNA    17646941        17653921        .       -
        .
ID=Smp_323790.1;Parent=Smp_323790;geneID=Smp_323790;product=Peptide
deformylase
SM_V9_1 Liftoff exon    17646941        17647444        .       -
        .       Parent=Smp_323790.1
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SM_V9_1 Liftoff exon    17653530        17653921        .       -
        .       Parent=Smp_323790.1
SM_V9_1 Liftoff CDS     17647154        17647444        .       -
        0       Parent=Smp_323790.1
SM_V9_1 Liftoff CDS     17653530        17653562        .       -
        0       Parent=Smp_323790.1
SM_V9_1 iris    gene    17685832        17723043        .       -
        .
ID=Smp_246670;geneID=Smp_246670;gene_name=Smp_246670;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    17685832        17723043        .       -
        .
ID=Smp_246670.1;Parent=Smp_246670;geneID=Smp_246670;gene_name=Smp_24
6670;owner=irisadmin@local.host;orig_id=Smp_246670.1;date_last_modif
ied=2022-07-19;Name=Smp_246670.1;product=Bromodomain adjacent to
zinc finger domain protein 1A;date_creation=2022-07-19
SM_V9_1 iris    exon    17685832        17686557        .       -
        .       Parent=Smp_246670.1;Name=9e971a69-92da-49f0-bf3d-
a11453cc9823
SM_V9_1 iris    exon    17691652        17692135        .       -
        .       Parent=Smp_246670.1;Name=de8c6b6c-d710-4005-9a19-
a159a12961a3
SM_V9_1 iris    exon    17692883        17693402        .       -
        .       Parent=Smp_246670.1;Name=d3c2584a-666e-4815-b2fa-
aa5f6fbdc06b
SM_V9_1 iris    exon    17696189        17696627        .       -
        .       Parent=Smp_246670.1;Name=03cbe1bb-
d529-4b9a-845d-1cab967da81e
SM_V9_1 iris    exon    17696928        17697270        .       -
        .       Parent=Smp_246670.1;Name=294831b9-c4d4-4e89-
a886-29fa3a9d812d
SM_V9_1 iris    exon    17698882        17699078        .       -
        .       Parent=Smp_246670.1;Name=e98db30c-2327-4bd7-
a825-38b20cf50010
SM_V9_1 iris    exon    17699825        17700090        .       -
        .       Parent=Smp_246670.1;Name=f3d8006b-7e8b-4b4e-b7ed-
c6da90e9c4e3
SM_V9_1 iris    exon    17700956        17701507        .       -
        .       Parent=Smp_246670.1;Name=cc17f5e5-fb41-4edf-b9c8-
bf45c6dfb698
SM_V9_1 iris    exon    17701735        17702077        .       -
        .       Parent=Smp_246670.1;Name=249c816b-25c9-4066-ba3f-
e0e8ecd30a69
SM_V9_1 iris    exon    17703478        17703684        .       -
        .       Parent=Smp_246670.1;Name=3df32cba-d5aa-49c7-
a61f-07b17de07dd1
SM_V9_1 iris    exon    17704112        17704496        .       -
        .       Parent=Smp_246670.1;Name=ec4404d4-075e-4832-
b65d-9cbf0e4b0db3
SM_V9_1 iris    exon    17705986        17706592        .       -
        .       Parent=Smp_246670.1;Name=a0514ccf-9ce7-4a6c-
aef8-2dc417b51088
SM_V9_1 iris    exon    17707407        17707658        .       -
        .       Parent=Smp_246670.1;Name=4e500798-23e2-4859-
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b934-627106c14a0b
SM_V9_1 iris    exon    17707823        17707965        .       -
        .
Parent=Smp_246670.1;Name=9576d427-4081-44c9-87d6-1d3852aaaee2
SM_V9_1 iris    exon    17709059        17709343        .       -
        .
Parent=Smp_246670.1;Name=0c7495de-3df0-480e-93fd-58944573d210
SM_V9_1 iris    exon    17711423        17711531        .       -
        .       Parent=Smp_246670.1;Name=67a19380-d92a-4fad-9326-
a74c01d99827
SM_V9_1 iris    exon    17713531        17713764        .       -
        .
Parent=Smp_246670.1;Name=d8569e16-03bf-4615-8fb5-3d094ea4c7c4
SM_V9_1 iris    exon    17715051        17715114        .       -
        .
Parent=Smp_246670.1;Name=ff83abc5-5717-437d-913f-24033f7ddb50
SM_V9_1 iris    exon    17719767        17720042        .       -
        .       Parent=Smp_246670.1;Name=63d186c9-a5c6-4d2c-
be68-9e8dd6967339
SM_V9_1 iris    exon    17722626        17723043        .       -
        .       Parent=Smp_246670.1;Name=c2386bdc-656e-4854-a83f-
fc1e02f411c7
SM_V9_1 iris    CDS     17686269        17686557        .       -
        1       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17691652        17692135        .       -
        2       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17692883        17693402        .       -
        0       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17696189        17696627        .       -
        1       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17696928        17697270        .       -
        2       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17698882        17699078        .       -
        1       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17699825        17700090        .       -
        0       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17700956        17701507        .       -
        0       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17701735        17702077        .       -
        1       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17703478        17703684        .       -
        1       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17704112        17704496        .       -
        2       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17705986        17706592        .       -
        0       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17707407        17707658        .       -
        0       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17707823        17707965        .       -
        2       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17709059        17709343        .       -
        2       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17711423        17711531        .       -
        0       Parent=Smp_246670.1
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SM_V9_1 iris    CDS     17713531        17713764        .       -
        0       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17715051        17715114        .       -
        1       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17719767        17720042        .       -
        1       Parent=Smp_246670.1
SM_V9_1 iris    CDS     17722626        17722738        .       -
        0       Parent=Smp_246670.1
SM_V9_1 Liftoff gene    17732701        17748851        .       -
        .       ID=Smp_017660;geneID=Smp_017660
SM_V9_1 Liftoff mRNA    17732701        17748851        .       -
        .
ID=Smp_017660.1;Parent=Smp_017660;geneID=Smp_017660;product=Proteaso
me activator complex subunit
3;polypeptide_domain=InterPro:IPR003185,IPR003186,IPR009077
Pfam:PF02251,PF02252;Ontology_term=GO:0008537
SM_V9_1 Liftoff exon    17732701        17733026        .       -
        .       Parent=Smp_017660.1
SM_V9_1 Liftoff exon    17736212        17736353        .       -
        .       Parent=Smp_017660.1
SM_V9_1 Liftoff exon    17737898        17738079        .       -
        .       Parent=Smp_017660.1
SM_V9_1 Liftoff exon    17740862        17741073        .       -
        .       Parent=Smp_017660.1
SM_V9_1 Liftoff exon    17742453        17748851        .       -
        .       Parent=Smp_017660.1
SM_V9_1 Liftoff CDS     17732946        17733026        .       -
        0       Parent=Smp_017660.1
SM_V9_1 Liftoff CDS     17736212        17736353        .       -
        1       Parent=Smp_017660.1
SM_V9_1 Liftoff CDS     17737898        17738079        .       -
        0       Parent=Smp_017660.1
SM_V9_1 Liftoff CDS     17740862        17741073        .       -
        2       Parent=Smp_017660.1
SM_V9_1 Liftoff CDS     17742453        17742588        .       -
        0       Parent=Smp_017660.1
SM_V9_1 iris    gene    17760225        17781639        .       +
        .
ID=Smp_017650;geneID=Smp_017650;gene_name=Smp_017650;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    17760225        17781639        .       +
        .
ID=Smp_017650.1;Parent=Smp_017650;geneID=Smp_017650;gene_name=Smp_01
7650;owner=irisadmin@local.host;orig_id=Smp_017650.1;date_last_modif
ied=2022-07-19;Name=Smp_017650.1;product=CAAX prenyl protease
2;date_creation=2022-07-19
SM_V9_1 iris    exon    17760225        17760391        .       +
        .       Parent=Smp_017650.1;Name=13721472-6d1e-41c7-8cc3-
f42695abc47b
SM_V9_1 iris    exon    17760449        17761216        .       +
        .       Parent=Smp_017650.1;Name=e278b83d-06b6-4b60-
a76b-8b36fcbb55c1
SM_V9_1 iris    exon    17761254        17761359        .       +
        .       Parent=Smp_017650.1;Name=5e797100-cc92-42fe-8892-
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e3dea59f01e3
SM_V9_1 iris    exon    17761392        17761481        .       +
        .       Parent=Smp_017650.1;Name=e28f14c8-
ccd4-499b-9bbc-1db10a11014c
SM_V9_1 iris    exon    17761520        17761580        .       +
        .
Parent=Smp_017650.1;Name=bb9712a6-81ae-49c6-885e-3f5dba5f8353
SM_V9_1 iris    exon    17764570        17764740        .       +
        .       Parent=Smp_017650.1;Name=c6ad1eb1-d2f6-4d63-
a282-1835803c3881
SM_V9_1 iris    exon    17767533        17767601        .       +
        .       Parent=Smp_017650.1;Name=a278a5fd-159d-4efc-
b330-1385b4f2ab07
SM_V9_1 iris    exon    17776213        17776275        .       +
        .       Parent=Smp_017650.1;Name=76e74d26-e6a4-41d3-912b-
a311cf961409
SM_V9_1 iris    exon    17781021        17781639        .       +
        .
Parent=Smp_017650.1;Name=7aef67ee-21ae-4bf8-808c-7f3a946fc8aa
SM_V9_1 iris    CDS     17761137        17761216        .       +
        0       Parent=Smp_017650.1
SM_V9_1 iris    CDS     17761254        17761359        .       +
        1       Parent=Smp_017650.1
SM_V9_1 iris    CDS     17761392        17761481        .       +
        0       Parent=Smp_017650.1
SM_V9_1 iris    CDS     17761520        17761580        .       +
        0       Parent=Smp_017650.1
SM_V9_1 iris    CDS     17764570        17764740        .       +
        2       Parent=Smp_017650.1
SM_V9_1 iris    CDS     17767533        17767601        .       +
        2       Parent=Smp_017650.1
SM_V9_1 iris    CDS     17776213        17776275        .       +
        2       Parent=Smp_017650.1
SM_V9_1 iris    CDS     17781021        17781244        .       +
        2       Parent=Smp_017650.1
SM_V9_1 Liftoff gene    17791099        17803050        .       +
        .       ID=Smp_017640;geneID=Smp_017640
SM_V9_1 Liftoff mRNA    17791099        17803050        .       +
        .
ID=Smp_017640.1;Parent=Smp_017640;geneID=Smp_017640;product=Nucleola
r complex protein 4 homolog;polypeptide_domain=InterPro:IPR005612
Pfam:PF03914
SM_V9_1 Liftoff exon    17791099        17791731        .       +
        .       Parent=Smp_017640.1
SM_V9_1 Liftoff exon    17794135        17794290        .       +
        .       Parent=Smp_017640.1
SM_V9_1 Liftoff exon    17795327        17795420        .       +
        .       Parent=Smp_017640.1
SM_V9_1 Liftoff exon    17795885        17795970        .       +
        .       Parent=Smp_017640.1
SM_V9_1 Liftoff exon    17796962        17797287        .       +
        .       Parent=Smp_017640.1
SM_V9_1 Liftoff exon    17798869        17799070        .       +
        .       Parent=Smp_017640.1
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SM_V9_1 Liftoff exon    17799546        17799749        .       +
        .       Parent=Smp_017640.1
SM_V9_1 Liftoff exon    17802675        17803050        .       +
        .       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17791681        17791731        .       +
        0       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17794135        17794290        .       +
        0       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17795327        17795420        .       +
        0       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17795885        17795970        .       +
        2       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17796962        17797287        .       +
        0       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17798869        17799070        .       +
        1       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17799546        17799749        .       +
        0       Parent=Smp_017640.1
SM_V9_1 Liftoff CDS     17802675        17802776        .       +
        0       Parent=Smp_017640.1
SM_V9_1 iris    gene    17809322        17823973        .       +
        .
ID=Smp_131870;geneID=Smp_131870;gene_name=Smp_131870;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    17809322        17823973        .       +
        .
ID=Smp_131870.1;Parent=Smp_131870;geneID=Smp_131870;gene_name=Smp_13
1870;owner=irisadmin@local.host;orig_id=Smp_131870.2;date_last_modif
ied=2022-07-19;Name=Smp_131870.1;product=Protein
ROP;date_creation=2022-07-19
SM_V9_1 iris    exon    17809322        17809429        .       +
        .       Parent=Smp_131870.1;Name=b63baff3-a52b-4b4c-bdae-
e7feff51ae57
SM_V9_1 iris    exon    17809465        17809596        .       +
        .
Parent=Smp_131870.1;Name=365bf846-00f7-415a-9ff9-67b22ba72faa
SM_V9_1 iris    exon    17809633        17809706        .       +
        .       Parent=Smp_131870.1;Name=2a6c2ffa-8113-4ae6-
b0b1-168d65ea10db
SM_V9_1 iris    exon    17809740        17809815        .       +
        .       Parent=Smp_131870.1;Name=6c584ee3-6666-4a9e-b5e6-
d74c46a963de
SM_V9_1 iris    exon    17812175        17812430        .       +
        .       Parent=Smp_131870.1;Name=f47ec170-5dbc-4006-
adee-2bbaab4c3531
SM_V9_1 iris    exon    17813275        17813359        .       +
        .       Parent=Smp_131870.1;Name=051c1be1-9eb3-4112-
a2d6-1a12979d92ab
SM_V9_1 iris    exon    17813523        17813653        .       +
        .       Parent=Smp_131870.1;Name=d655db6e-1c71-4acb-
b658-752c389c35b8
SM_V9_1 iris    exon    17814867        17814978        .       +
        .       Parent=Smp_131870.1;Name=f8e3670f-e90a-4609-
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SM_V9_1 iris    exon    17816450        17816656        .       +
        .       Parent=Smp_131870.1;Name=329184c0-6a95-41cb-8f5b-
fc26a7c0bf6e
SM_V9_1 iris    exon    17817291        17817551        .       +
        .       Parent=Smp_131870.1;Name=bc50a770-87f7-45d0-9c74-
f165e4c05c01
SM_V9_1 iris    exon    17820733        17820849        .       +
        .       Parent=Smp_131870.1;Name=e8bb93e4-83d7-4171-aa31-
c9418660df9f
SM_V9_1 iris    exon    17821988        17823973        .       +
        .
Parent=Smp_131870.1;Name=38627925-00b1-4564-8d7f-30e2b365f8c2
SM_V9_1 iris    CDS     17809402        17809429        .       +
        0       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17809465        17809596        .       +
        2       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17809633        17809706        .       +
        2       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17809740        17809815        .       +
        0       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17812175        17812430        .       +
        2       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17813275        17813359        .       +
        1       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17813523        17813653        .       +
        0       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17814867        17814978        .       +
        1       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17816450        17816656        .       +
        0       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17817291        17817551        .       +
        0       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17820733        17820849        .       +
        0       Parent=Smp_131870.1
SM_V9_1 iris    CDS     17821988        17822377        .       +
        0       Parent=Smp_131870.1
SM_V9_1 iris    gene    17826093        17855085        .       -
        .
ID=Smp_017610;geneID=Smp_017610;gene_name=Smp_017610;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    17826093        17855085        .       -
        .
ID=Smp_017610.1;Parent=Smp_017610;geneID=Smp_017610;gene_name=Smp_01
7610;owner=irisadmin@local.host;orig_id=Smp_017610.1;date_last_modif
ied=2022-07-19;Name=Smp_017610.1;product=Amiloride-sensitive amine
oxidase [copper-containing];date_creation=2022-07-19
SM_V9_1 iris    exon    17826093        17826492        .       -
        .       Parent=Smp_017610.1;Name=bad6a5d1-8420-4f3f-911f-
a4c3a7793add
SM_V9_1 iris    exon    17829730        17829894        .       -
        .       Parent=Smp_017610.1;Name=cdb80149-
f41b-4c29-90be-447456da7297
SM_V9_1 iris    exon    17833179        17833311        .       -
        .
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Parent=Smp_017610.1;Name=5152d396-7405-4deb-92ac-323d7014594d
SM_V9_1 iris    exon    17836383        17837668        .       -
        .       Parent=Smp_017610.1;Name=875b3c93-267f-40be-b487-
fe55ab0854cd
SM_V9_1 iris    exon    17841780        17842929        .       -
        .
Parent=Smp_017610.1;Name=3dd957d3-1919-4a03-931f-7d9bff91066b
SM_V9_1 iris    exon    17850298        17850494        .       -
        .       Parent=Smp_017610.1;Name=093c49d5-7adf-4806-
bb38-2d4d6cd7ba55
SM_V9_1 iris    exon    17854799        17855085        .       -
        .       Parent=Smp_017610.1;Name=5fd10bf3-d321-4cad-a1ce-
fc1b1e938033
SM_V9_1 iris    CDS     17826424        17826492        .       -
        0       Parent=Smp_017610.1
SM_V9_1 iris    CDS     17829730        17829894        .       -
        0       Parent=Smp_017610.1
SM_V9_1 iris    CDS     17833179        17833311        .       -
        1       Parent=Smp_017610.1
SM_V9_1 iris    CDS     17836383        17837668        .       -
        0       Parent=Smp_017610.1
SM_V9_1 iris    CDS     17841780        17842929        .       -
        1       Parent=Smp_017610.1
SM_V9_1 iris    CDS     17850298        17850494        .       -
        0       Parent=Smp_017610.1
SM_V9_1 iris    CDS     17854799        17854801        .       -
        0       Parent=Smp_017610.1
SM_V9_1 Liftoff gene    17859729        17864123        .       +
        .       ID=Smp_323870;geneID=Smp_323870
SM_V9_1 Liftoff mRNA    17859729        17864123        .       +
        .
ID=Smp_323870.1;Parent=Smp_323870;geneID=Smp_323870;product=Anaphase
-promoting complex subunit 1
SM_V9_1 Liftoff exon    17859729        17861982        .       +
        .       Parent=Smp_323870.1
SM_V9_1 Liftoff exon    17862015        17862078        .       +
        .       Parent=Smp_323870.1
SM_V9_1 Liftoff exon    17863382        17864123        .       +
        .       Parent=Smp_323870.1
SM_V9_1 Liftoff CDS     17861872        17861982        .       +
        0       Parent=Smp_323870.1
SM_V9_1 Liftoff CDS     17862015        17862078        .       +
        0       Parent=Smp_323870.1
SM_V9_1 Liftoff CDS     17863382        17863395        .       +
        2       Parent=Smp_323870.1
SM_V9_1 Liftoff gene    17876627        17888444        .       +
        .
ID=Smp_212870;geneID=Smp_212870;previous_systematic_id=Smp_131860
SM_V9_1 Liftoff mRNA    17876627        17888444        .       +
        .
ID=Smp_212870.1;Parent=Smp_212870;geneID=Smp_212870;product=28S
ribosomal protein S18b,
mitochondrial;polypeptide_domain=InterPro:IPR001648
Pfam:PF01084;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
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12
SM_V9_1 Liftoff exon    17876627        17876680        .       +
        .       Parent=Smp_212870.1
SM_V9_1 Liftoff exon    17878819        17879032        .       +
        .       Parent=Smp_212870.1
SM_V9_1 Liftoff exon    17879072        17879169        .       +
        .       Parent=Smp_212870.1
SM_V9_1 Liftoff exon    17881158        17881229        .       +
        .       Parent=Smp_212870.1
SM_V9_1 Liftoff exon    17884164        17884230        .       +
        .       Parent=Smp_212870.1
SM_V9_1 Liftoff exon    17887110        17887169        .       +
        .       Parent=Smp_212870.1
SM_V9_1 Liftoff exon    17888007        17888444        .       +
        .       Parent=Smp_212870.1
SM_V9_1 Liftoff CDS     17876663        17876680        .       +
        0       Parent=Smp_212870.1
SM_V9_1 Liftoff CDS     17878819        17879032        .       +
        0       Parent=Smp_212870.1
SM_V9_1 Liftoff CDS     17879072        17879169        .       +
        2       Parent=Smp_212870.1
SM_V9_1 Liftoff CDS     17881158        17881229        .       +
        0       Parent=Smp_212870.1
SM_V9_1 Liftoff CDS     17884164        17884230        .       +
        0       Parent=Smp_212870.1
SM_V9_1 Liftoff CDS     17887110        17887169        .       +
        2       Parent=Smp_212870.1
SM_V9_1 Liftoff CDS     17888007        17888344        .       +
        2       Parent=Smp_212870.1
SM_V9_1 iris    gene    17891229        17895420        .       +
        .
ID=Smp_212860;geneID=Smp_212860;gene_name=Smp_212860;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    17891229        17895420        .       +
        .
ID=Smp_212860.1;Parent=Smp_212860;geneID=Smp_212860;gene_name=Smp_21
2860;owner=irisadmin@local.host;orig_id=Smp_212860.1;date_last_modif
ied=2022-07-19;Name=Smp_212860.1;product=39S ribosomal protein L14,
mitochondrial;date_creation=2022-07-19
SM_V9_1 iris    exon    17891229        17891320        .       +
        .       Parent=Smp_212860.1;Name=5916249b-1f39-4915-b95e-
f5090d832645
SM_V9_1 iris    exon    17893276        17893559        .       +
        .       Parent=Smp_212860.1;Name=55beb19b-f21a-462c-
bbd1-2385cfa953e2
SM_V9_1 iris    exon    17895037        17895420        .       +
        .       Parent=Smp_212860.1;Name=9680c690-5096-4393-a3c8-
ab328467cf30
SM_V9_1 iris    CDS     17893457        17893559        .       +
        0       Parent=Smp_212860.1
SM_V9_1 iris    CDS     17895037        17895266        .       +
        2       Parent=Smp_212860.1
SM_V9_1 iris    gene    17975609        18026284        .       +
        .
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ID=Smp_169260;geneID=Smp_169260;gene_name=Smp_169260;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    17975609        18026284        .       +
       .
ID=Smp_169260.1;Parent=Smp_169260;geneID=Smp_169260;gene_name=Smp_16
9260;owner=irisadmin@local.host;orig_id=Smp_169260.2;date_last_modif
ied=2022-07-19;Name=Smp_169260.1;product=Zinc finger protein
362;date_creation=2022-07-19
SM_V9_1 iris    exon    17975609        17978580        .       +
       .       Parent=Smp_169260.1;Name=7cd79022-
b689-4968-9460-908ba99ee640
SM_V9_1 iris    exon    18003716        18003954        .       +
       .       Parent=Smp_169260.1;Name=01b5c08c-4d60-45ea-b388-
db93d727decc
SM_V9_1 iris    exon    18014004        18014175        .       +
       .       Parent=Smp_169260.1;Name=0cf2911a-761b-4285-ac33-
af9a869d81af
SM_V9_1 iris    exon    18020910        18026284        .       +
       .       Parent=Smp_169260.1;Name=607876c0-1ed3-45a5-b245-
d591f6e01cae
SM_V9_1 iris    CDS     17976874        17978580        .       +
       0       Parent=Smp_169260.1
SM_V9_1 iris    CDS     18003716        18003954        .       +
       0       Parent=Smp_169260.1
SM_V9_1 iris    CDS     18014004        18014175        .       +
       1       Parent=Smp_169260.1
SM_V9_1 iris    CDS     18020910        18024710        .       +
       0       Parent=Smp_169260.1
SM_V9_1 iris    mRNA    17981379        18026284        .       +
       .
ID=Smp_169260.2;Parent=Smp_169260;geneID=Smp_169260;gene_name=Smp_16
9260;owner=irisadmin@local.host;orig_id=Smp_169260.1;date_last_modif
ied=2022-07-19;Name=Smp_169260.2;product=Zinc finger protein
362;date_creation=2022-07-19
SM_V9_1 iris    exon    17981379        17981577        .       +
       .       Parent=Smp_169260.2;Name=fa7b1525-0ff1-49e6-
a681-05dc3fe2e74f
SM_V9_1 iris    exon    18003716        18003954        .       +
       .       Parent=Smp_169260.2;Name=8f4ead23-484c-4871-
bf36-6660ecea30b0
SM_V9_1 iris    exon    18014004        18014175        .       +
       .
Parent=Smp_169260.2;Name=7025fcec-11ae-4925-9d05-26e83f3da88a
SM_V9_1 iris    exon    18020910        18026284        .       +
       .       Parent=Smp_169260.2;Name=609b0789-6100-4c93-
bb51-121ba9d241fa
SM_V9_1 iris    CDS     17981536        17981577        .       +
       0       Parent=Smp_169260.2
SM_V9_1 iris    CDS     18003716        18003954        .       +
       0       Parent=Smp_169260.2
SM_V9_1 iris    CDS     18014004        18014175        .       +
       1       Parent=Smp_169260.2
SM_V9_1 iris    CDS     18020910        18024710        .       +
       0       Parent=Smp_169260.2
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SM_V9_1 iris    gene    18043599        18071995        .       -
        .
ID=Smp_337790;geneID=Smp_337790;gene_name=Smp_337790;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18043599        18059023        .       -
        .
ID=Smp_337790.1;Parent=Smp_337790;geneID=Smp_337790;gene_name=Smp_33
7790;owner=irisadmin@local.host;orig_id=Smp_337790.1;date_last_modif
ied=2022-07-19;Name=Smp_337790.1;product=Tumor protein p63-regulated
gene 1-like protein;date_creation=2022-07-19
SM_V9_1 iris    exon    18043599        18044419        .       -
        .       Parent=Smp_337790.1;Name=2814e4c9-1bda-4ca2-b17a-
a61a7b8e9bea
SM_V9_1 iris    exon    18049695        18049911        .       -
        .       Parent=Smp_337790.1;Name=760d0748-e4bb-4736-
a4e9-931036e650cf
SM_V9_1 iris    exon    18053684        18053857        .       -
        .       Parent=Smp_337790.1;Name=3c8c2817-99d0-4aa4-
a0cc-33cf91c7e364
SM_V9_1 iris    exon    18054909        18054997        .       -
        .       Parent=Smp_337790.1;Name=c74d115e-
a9ce-4541-9a88-10d987db9a5b
SM_V9_1 iris    exon    18058878        18059023        .       -
        .
Parent=Smp_337790.1;Name=66de3b87-4ab5-4e36-98a1-2244a43a8a18
SM_V9_1 iris    CDS     18044312        18044419        .       -
        0       Parent=Smp_337790.1
SM_V9_1 iris    CDS     18049695        18049911        .       -
        1       Parent=Smp_337790.1
SM_V9_1 iris    CDS     18053684        18053857        .       -
        1       Parent=Smp_337790.1
SM_V9_1 iris    CDS     18054909        18054997        .       -
        0       Parent=Smp_337790.1
SM_V9_1 iris    CDS     18058878        18058982        .       -
        0       Parent=Smp_337790.1
SM_V9_1 iris    gene    18070194        18071966        .       -
        .
ID=Smp_337795;geneID=Smp_337795;gene_name=Smp_337795;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18070194        18071966        .       -
        .
ID=Smp_337795.1;Parent=Smp_337795;geneID=Smp_337795;gene_name=Smp_33
7795;owner=irisadmin@local.host;orig_id=Smp_337790.3;date_last_modif
ied=2022-07-19;Name=Smp_337795.1;date_creation=2022-07-19
SM_V9_1 iris    exon    18070194        18070626        .       -
        .
Parent=Smp_337795.1;Name=4b2b9d55-773d-43e6-8752-0efdb5f6081c
SM_V9_1 iris    exon    18071212        18071539        .       -
        .
Parent=Smp_337795.1;Name=3b112723-6eb6-4701-9b52-0717daf4782a
SM_V9_1 iris    exon    18071625        18071870        .       -
        .       Parent=Smp_337795.1;Name=1ba45ac8-
aa2b-418a-9b48-62bf4f8bf37b
SM_V9_1 iris    exon    18071904        18071966        .       -
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        .       Parent=Smp_337795.1;Name=639db4ba-1937-446b-9808-
bdb1abb7d3e9
SM_V9_1 iris    CDS     18070380        18070626        .       -
        1       Parent=Smp_337795.1
SM_V9_1 iris    CDS     18071212        18071539        .       -
        2       Parent=Smp_337795.1
SM_V9_1 iris    CDS     18071625        18071870        .       -
        2       Parent=Smp_337795.1
SM_V9_1 iris    CDS     18071904        18071922        .       -
        0       Parent=Smp_337795.1
SM_V9_1 Liftoff gene    18098159        18098987        .       +
        .       ID=Smp_086590;geneID=Smp_086590
SM_V9_1 Liftoff mRNA    18098159        18098987        .       +
        .
ID=Smp_086590.1;Parent=Smp_086590;geneID=Smp_086590;product=Cofilin/
actin-depolymerizing factor
homolog;polypeptide_domain=InterPro:IPR002108,IPR017904,IPR029006
Pfam:PF00241;Ontology_term=GO:0003779,GO:0005622,GO:0015629,GO:00300
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SM_V9_1 Liftoff exon    18098159        18098202        .       +
        .       Parent=Smp_086590.1
SM_V9_1 Liftoff exon    18098279        18098411        .       +
        .       Parent=Smp_086590.1
SM_V9_1 Liftoff exon    18098453        18098573        .       +
        .       Parent=Smp_086590.1
SM_V9_1 Liftoff exon    18098607        18098987        .       +
        .       Parent=Smp_086590.1
SM_V9_1 Liftoff CDS     18098200        18098202        .       +
        0       Parent=Smp_086590.1
SM_V9_1 Liftoff CDS     18098279        18098411        .       +
        0       Parent=Smp_086590.1
SM_V9_1 Liftoff CDS     18098453        18098573        .       +
        2       Parent=Smp_086590.1
SM_V9_1 Liftoff CDS     18098607        18098772        .       +
        1       Parent=Smp_086590.1
SM_V9_1 Liftoff gene    18135849        18176679        .       +
        .
ID=Smp_246700;geneID=Smp_246700;previous_systematic_id=Smp_169230,Sm
p_169240,Smp_186990
SM_V9_1 Liftoff mRNA    18135849        18176679        .       +
        .
ID=Smp_246700.1;Parent=Smp_246700;geneID=Smp_246700;product=Tyrosine
-protein kinase transforming protein
Abl;polypeptide_domain=InterPro:IPR000719,IPR000980,IPR001245,IPR001
452,IPR008266,IPR011009,IPR017441,IPR020635
Pfam:PF00017,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005515,
GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    18135849        18136053        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18136087        18136227        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18140973        18141655        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18149121        18149532        .       +
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        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18151772        18151848        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18154461        18154548        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18155688        18155865        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18157228        18157401        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18158779        18158945        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18160169        18160258        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18164448        18165092        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18168794        18169282        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18170805        18171004        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18171912        18172462        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff exon    18174030        18176679        .       +
        .       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18135987        18136053        .       +
        0       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18136087        18136227        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18140973        18141655        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18149121        18149532        .       +
        0       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18151772        18151848        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18154461        18154548        .       +
        0       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18155688        18155865        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18157228        18157401        .       +
        1       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18158779        18158945        .       +
        1       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18160169        18160258        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18164448        18165092        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18168794        18169282        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18170805        18171004        .       +
        2       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18171912        18172462        .       +
        0       Parent=Smp_246700.1
SM_V9_1 Liftoff CDS     18174030        18175185        .       +
        1       Parent=Smp_246700.1
SM_V9_1 Liftoff gene    18187771        18217285        .       -
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        .       ID=Smp_169220;geneID=Smp_169220
SM_V9_1 Liftoff mRNA    18187771        18217285        .       -
        .
ID=Smp_169220.1;Parent=Smp_169220;geneID=Smp_169220;product=Tryptoph
an synthase beta chain
SM_V9_1 Liftoff exon    18187771        18188056        .       -
        .       Parent=Smp_169220.1
SM_V9_1 Liftoff exon    18216994        18217285        .       -
        .       Parent=Smp_169220.1
SM_V9_1 Liftoff CDS     18187878        18188056        .       -
        2       Parent=Smp_169220.1
SM_V9_1 Liftoff CDS     18216994        18217084        .       -
        0       Parent=Smp_169220.1
SM_V9_1 Liftoff gene    18222490        18268705        .       -
        .
ID=Smp_246710;geneID=Smp_246710;previous_systematic_id=Smp_169210,Sm
p_177190
SM_V9_1 Liftoff mRNA    18222490        18268705        .       -
        .
ID=Smp_246710.1;Parent=Smp_246710;geneID=Smp_246710;product=Protein
regulator of cytokinesis 1;polypeptide_domain=Pfam:PF03999
SM_V9_1 Liftoff exon    18222490        18224110        .       -
        .       Parent=Smp_246710.1
SM_V9_1 Liftoff exon    18225675        18225854        .       -
        .       Parent=Smp_246710.1
SM_V9_1 Liftoff exon    18233469        18233842        .       -
        .       Parent=Smp_246710.1
SM_V9_1 Liftoff exon    18240587        18240857        .       -
        .       Parent=Smp_246710.1
SM_V9_1 Liftoff exon    18247658        18247872        .       -
        .       Parent=Smp_246710.1
SM_V9_1 Liftoff exon    18252552        18268705        .       -
        .       Parent=Smp_246710.1
SM_V9_1 Liftoff CDS     18223466        18224110        .       -
        0       Parent=Smp_246710.1
SM_V9_1 Liftoff CDS     18225675        18225854        .       -
        0       Parent=Smp_246710.1
SM_V9_1 Liftoff CDS     18233469        18233842        .       -
        2       Parent=Smp_246710.1
SM_V9_1 Liftoff CDS     18240587        18240857        .       -
        0       Parent=Smp_246710.1
SM_V9_1 Liftoff CDS     18247658        18247872        .       -
        2       Parent=Smp_246710.1
SM_V9_1 Liftoff CDS     18252552        18252636        .       -
        0       Parent=Smp_246710.1
SM_V9_1 iris    gene    18270256        18273307        .       -
        .
ID=Smp_349510;geneID=Smp_349510;gene_name=Smp_349510;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18270256        18273307        .       -
        .
ID=Smp_349510.1;Parent=Smp_349510;geneID=Smp_349510;gene_name=Smp_34
9510;owner=irisadmin@local.host;orig_id=Smp_246710.1;date_last_modif
ied=2022-08-02;Name=Smp_349510.1;date_creation=2022-07-19
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SM_V9_1 iris    exon    18270256        18270517        .       -
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b67b-20f10a3ad23e
SM_V9_1 iris    exon    18272729        18272814        .       -
        .       Parent=Smp_349510.1;Name=4d12d42a-5b2e-4b1c-
bae2-7682ce652f49
SM_V9_1 iris    exon    18273059        18273307        .       -
        .       Parent=Smp_349510.1;Name=Smp_349510.1-CDS
SM_V9_1 iris    CDS     18273113        18273259        .       -
        0       Parent=Smp_349510.1
SM_V9_1 Liftoff gene    18280732        18301706        .       +
        .       ID=Smp_179710;geneID=Smp_179710
SM_V9_1 Liftoff mRNA    18280732        18301706        .       +
        .
ID=Smp_179710.1;Parent=Smp_179710;geneID=Smp_179710;product=Serine
hydroxymethyltransferase;polypeptide_domain=InterPro:IPR001085,IPR01
5421,IPR015422,IPR015424,IPR019798
Pfam:PF00464;Ontology_term=GO:0003824,GO:0004372,GO:0006545,GO:00301
70,GO:0035999
SM_V9_1 Liftoff exon    18280732        18284342        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff exon    18285718        18285955        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff exon    18287665        18287874        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff exon    18290849        18291004        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff exon    18294465        18294680        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff exon    18294821        18294966        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff exon    18295830        18295983        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff exon    18301487        18301706        .       +
        .       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18284164        18284342        .       +
        0       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18285718        18285955        .       +
        1       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18287665        18287874        .       +
        0       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18290849        18291004        .       +
        0       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18294465        18294680        .       +
        0       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18294821        18294966        .       +
        0       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18295830        18295983        .       +
        1       Parent=Smp_179710.1
SM_V9_1 Liftoff CDS     18301487        18301591        .       +
        0       Parent=Smp_179710.1
SM_V9_1 Liftoff gene    18303113        18307248        .       -
        .
ID=Smp_341730;geneID=Smp_341730;previous_systematic_id=Smp_103210
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SM_V9_1 Liftoff mRNA    18303113        18307248        .       -
        .
ID=Smp_341730.1;Parent=Smp_341730;geneID=Smp_341730;product=selenopr
otein t;evidence=Inferred from Sequence or structural
Similarity;polypeptide_domain=InterPro:IPR011893,IPR012336
Pfam:PF10262
SM_V9_1 Liftoff exon    18303113        18303575        .       -
        .       Parent=Smp_341730.1
SM_V9_1 Liftoff exon    18305167        18305254        .       -
        .       Parent=Smp_341730.1
SM_V9_1 Liftoff exon    18305998        18307248        .       -
        .       Parent=Smp_341730.1
SM_V9_1 Liftoff CDS     18303445        18303575        .       -
        2       Parent=Smp_341730.1
SM_V9_1 Liftoff CDS     18305167        18305254        .       -
        0       Parent=Smp_341730.1
SM_V9_1 Liftoff CDS     18305998        18306201        .       -
        0       Parent=Smp_341730.1
SM_V9_1 iris    gene    18323162        18342606        .       +
        .
ID=Smp_306640;geneID=Smp_306640;gene_name=Smp_306640;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18323162        18342606        .       +
        .
ID=Smp_306640.1;Parent=Smp_306640;geneID=Smp_306640;gene_name=Smp_30
6640;owner=irisadmin@local.host;orig_id=Smp_306640.1;date_last_modif
ied=2022-07-19;Name=Smp_306640.1;product=Importin-11;date_creation=2
022-07-19
SM_V9_1 iris    exon    18323162        18324258        .       +
        .       Parent=Smp_306640.1;Name=ce7cefee-4598-4c2d-93e1-
df544fde0ab1
SM_V9_1 iris    exon    18326373        18326783        .       +
        .
Parent=Smp_306640.1;Name=545502b6-68d9-4116-9fc9-87f482fdbc25
SM_V9_1 iris    exon    18329040        18329311        .       +
        .       Parent=Smp_306640.1;Name=a2c7f581-ae05-45b3-896c-
e0ab27111841
SM_V9_1 iris    exon    18331547        18331772        .       +
        .       Parent=Smp_306640.1;Name=764ec73f-5be4-42a7-a557-
c49280ad7813
SM_V9_1 iris    exon    18333855        18333987        .       +
        .       Parent=Smp_306640.1;Name=68ff2f50-6520-43e4-
a76e-1f4b15cbded5
SM_V9_1 iris    exon    18335902        18336290        .       +
        .       Parent=Smp_306640.1;Name=e087e539-
bf13-43c5-880d-8e204292e31d
SM_V9_1 iris    exon    18337992        18338221        .       +
        .       Parent=Smp_306640.1;Name=2c6789db-2fc3-4799-a718-
ddc137e7c696
SM_V9_1 iris    exon    18339774        18340001        .       +
        .
Parent=Smp_306640.1;Name=001ccd78-20a4-4e5c-8f8e-6752f16d0255
SM_V9_1 iris    exon    18340609        18340975        .       +
        .       Parent=Smp_306640.1;Name=c55c3f65-aee8-4004-b24d-
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c99304545e63
SM_V9_1 iris    exon    18342188        18342606        .       +
        .       Parent=Smp_306640.1;Name=b3e3b83a-0fcc-4a97-a8d3-
d5f50694f5c5
SM_V9_1 iris    CDS     18323236        18324258        .       +
        0       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18326373        18326783        .       +
        0       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18329040        18329311        .       +
        0       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18331547        18331772        .       +
        1       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18333855        18333987        .       +
        0       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18335902        18336290        .       +
        2       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18337992        18338221        .       +
        0       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18339774        18340001        .       +
        1       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18340609        18340975        .       +
        1       Parent=Smp_306640.1
SM_V9_1 iris    CDS     18342188        18342418        .       +
        0       Parent=Smp_306640.1
SM_V9_1 Liftoff gene    18360952        18401283        .       +
        .
ID=Smp_333250;geneID=Smp_333250;previous_systematic_id=Smp_159725,Sm
p_192080
SM_V9_1 Liftoff mRNA    18360952        18401283        .       +
        .
ID=Smp_333250.1;Parent=Smp_333250;geneID=Smp_333250;product=Phosphol
ipid-transporting ATPase
6;polypeptide_domain=InterPro:IPR001757,IPR006539,IPR008250,IPR01830
3,IPR023214,IPR023298,IPR023299,IPR032630,IPR032631
Pfam:PF00122,PF13246,PF16209,PF16212;Ontology_term=GO:0000166,GO:000
0287,GO:0004012,GO:0005524,GO:0015914,GO:0016021
SM_V9_1 Liftoff exon    18360952        18363026        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff exon    18373286        18373567        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff exon    18382661        18382966        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff exon    18384969        18385430        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff exon    18388144        18388409        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff exon    18393207        18393480        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff exon    18395786        18396106        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff exon    18397562        18401283        .       +
        .       Parent=Smp_333250.1
SM_V9_1 Liftoff CDS     18361137        18363026        .       +
        0       Parent=Smp_333250.1
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SM_V9_1 Liftoff CDS     18373286        18373567        .       +
        0       Parent=Smp_333250.1
SM_V9_1 Liftoff CDS     18382661        18382966        .       +
        0       Parent=Smp_333250.1
SM_V9_1 Liftoff CDS     18384969        18385430        .       +
        0       Parent=Smp_333250.1
SM_V9_1 Liftoff CDS     18388144        18388409        .       +
        0       Parent=Smp_333250.1
SM_V9_1 Liftoff CDS     18393207        18393480        .       +
        1       Parent=Smp_333250.1
SM_V9_1 Liftoff CDS     18395786        18396106        .       +
        0       Parent=Smp_333250.1
SM_V9_1 Liftoff CDS     18397562        18397861        .       +
        0       Parent=Smp_333250.1
SM_V9_1 iris    gene    18404772        18467975        .       +
        .
ID=Smp_321890;geneID=Smp_321890;gene_name=Smp_321890;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18404772        18467975        .       +
        .
ID=Smp_321890.1;Parent=Smp_321890;geneID=Smp_321890;gene_name=Smp_32
1890;owner=irisadmin@local.host;orig_id=Smp_321890.1;date_last_modif
ied=2022-07-19;Name=Smp_321890.1;product=Rab proteins
geranylgeranyltransferase component A 2;date_creation=2022-07-19
SM_V9_1 iris    exon    18404772        18404837        .       +
        .       Parent=Smp_321890.1;Name=7e2e43ea-bb0b-4547-
b6c4-907cf3524bc8
SM_V9_1 iris    exon    18405824        18405890        .       +
        .       Parent=Smp_321890.1;Name=a3ea31fa-2a8a-4e80-9a83-
aff71bbe0e90
SM_V9_1 iris    exon    18405930        18405999        .       +
        .       Parent=Smp_321890.1;Name=fb18913a-93d4-4d52-8879-
f11c35bf1ac7
SM_V9_1 iris    exon    18406045        18406151        .       +
        .       Parent=Smp_321890.1;Name=7266db87-36b9-41a7-afcd-
a7900d316dfb
SM_V9_1 iris    exon    18406615        18406945        .       +
        .       Parent=Smp_321890.1;Name=b695732b-be9d-4b8e-87fb-
f516d35b0dc5
SM_V9_1 iris    exon    18408956        18409147        .       +
        .       Parent=Smp_321890.1;Name=b3aae9f1-
c050-4452-9e9e-595a26bdd202
SM_V9_1 iris    exon    18409587        18409740        .       +
        .       Parent=Smp_321890.1;Name=daf01fee-
da7b-4d9f-842b-9c52a83a4007
SM_V9_1 iris    exon    18412799        18412917        .       +
        .
Parent=Smp_321890.1;Name=e7eec987-2f95-4017-8dc2-151867808d0b
SM_V9_1 iris    exon    18415279        18415385        .       +
        .       Parent=Smp_321890.1;Name=7e4a5704-
d71d-4131-9f20-383d77ce14cb
SM_V9_1 iris    exon    18416088        18416402        .       +
        .       Parent=Smp_321890.1;Name=bf2330f5-ab5b-41d8-
aaba-64ee5ada62ee
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SM_V9_1 iris    exon    18418367        18418433        .       +
        .       Parent=Smp_321890.1;Name=0f540fa4-
b074-4fc5-9b8c-9f2c6907df93
SM_V9_1 iris    exon    18420691        18420808        .       +
        .       Parent=Smp_321890.1;Name=6c264201-512d-4729-b86f-
d36585e63af7
SM_V9_1 iris    exon    18430206        18430301        .       +
        .       Parent=Smp_321890.1;Name=67f374c9-2b17-4ca9-a23f-
ffcfcdb08eea
SM_V9_1 iris    exon    18445243        18445502        .       +
        .       Parent=Smp_321890.1;Name=b0c9736a-8c0c-4d62-86d7-
ddc6b33b53f7
SM_V9_1 iris    exon    18447286        18447321        .       +
        .       Parent=Smp_321890.1;Name=3bf61a8d-6705-4144-9dba-
af1e9d83b8e9
SM_V9_1 iris    exon    18465239        18465500        .       +
        .       Parent=Smp_321890.1;Name=fc00d028-de9a-4cea-a06e-
d29affae6f93
SM_V9_1 iris    exon    18467428        18467975        .       +
        .       Parent=Smp_321890.1;Name=d03d6add-b5c5-49ed-9ff0-
c8c160d74442
SM_V9_1 iris    CDS     18404795        18404837        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18405824        18405890        .       +
        2       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18405930        18405999        .       +
        1       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18406045        18406151        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18406615        18406945        .       +
        1       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18408956        18409147        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18409587        18409740        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18412799        18412917        .       +
        2       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18415279        18415385        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18416088        18416402        .       +
        1       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18418367        18418433        .       +
        1       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18420691        18420808        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18430206        18430301        .       +
        2       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18445243        18445502        .       +
        2       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18447286        18447321        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18465239        18465500        .       +
        0       Parent=Smp_321890.1
SM_V9_1 iris    CDS     18467428        18467429        .       +
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        2       Parent=Smp_321890.1
SM_V9_1 Liftoff gene    18476529        18507835        .       -
        .       ID=Smp_159730;geneID=Smp_159730
SM_V9_1 Liftoff mRNA    18476529        18507835        .       -
        .
ID=Smp_159730.1;Parent=Smp_159730;geneID=Smp_159730;product=Serine/
threonine-protein kinase PAK
3;polypeptide_domain=InterPro:IPR000095,IPR000719,IPR008271,IPR01100
9,IPR017441
Pfam:PF00069,PF00786;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    18476529        18479472        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18479831        18479968        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18480920        18481216        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18484664        18485075        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18486502        18486895        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18487191        18487305        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18487780        18488437        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18489729        18490485        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18491632        18491788        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18496550        18496671        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18501374        18501456        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff exon    18507363        18507835        .       -
        .       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18479395        18479472        .       -
        0       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18479831        18479968        .       -
        0       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18480920        18481216        .       -
        0       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18484664        18485075        .       -
        1       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18486502        18486895        .       -
        2       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18487191        18487305        .       -
        0       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18487780        18488437        .       -
        1       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18489729        18490485        .       -
        2       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18491632        18491788        .       -
        0       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18496550        18496671        .       -
        2       Parent=Smp_159730.1
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SM_V9_1 Liftoff CDS     18501374        18501456        .       -
        1       Parent=Smp_159730.1
SM_V9_1 Liftoff CDS     18507363        18507574        .       -
        0       Parent=Smp_159730.1
SM_V9_1 Liftoff gene    18521322        18605264        .       +
        .       ID=Smp_159740;geneID=Smp_159740
SM_V9_1 Liftoff mRNA    18521322        18605264        .       +
        .
ID=Smp_159740.1;Parent=Smp_159740;geneID=Smp_159740;product=Acetyl-
coenzyme A transporter
1;polypeptide_domain=InterPro:IPR020846,IPR024371
Pfam:PF13000;Ontology_term=GO:0008521,GO:0016021
SM_V9_1 Liftoff exon    18521322        18521671        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff exon    18539727        18540124        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff exon    18567510        18567667        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff exon    18574860        18575557        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff exon    18592845        18593029        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff exon    18594900        18595237        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff exon    18602117        18602346        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff exon    18604462        18605264        .       +
        .       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18521651        18521671        .       +
        0       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18539727        18540124        .       +
        0       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18567510        18567667        .       +
        1       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18574860        18575557        .       +
        2       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18592845        18593029        .       +
        0       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18594900        18595237        .       +
        1       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18602117        18602346        .       +
        2       Parent=Smp_159740.1
SM_V9_1 Liftoff CDS     18604462        18604713        .       +
        0       Parent=Smp_159740.1
SM_V9_1 Liftoff mRNA    18521322        18605264        .       +
        .
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coenzyme A transporter
1;polypeptide_domain=InterPro:IPR020846,IPR024371
Pfam:PF13000;Ontology_term=GO:0008521,GO:0016021
SM_V9_1 Liftoff exon    18521322        18521671        .       +
        .       Parent=Smp_159740.2
SM_V9_1 Liftoff exon    18539727        18540124        .       +
        .       Parent=Smp_159740.2
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SM_V9_1 Liftoff exon    18567510        18567667        .       +
        .       Parent=Smp_159740.2
SM_V9_1 Liftoff exon    18574860        18575557        .       +
        .       Parent=Smp_159740.2
SM_V9_1 Liftoff exon    18592845        18593029        .       +
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SM_V9_1 Liftoff exon    18594900        18595241        .       +
        .       Parent=Smp_159740.2
SM_V9_1 Liftoff exon    18596192        18596211        .       +
        .       Parent=Smp_159740.2
SM_V9_1 Liftoff exon    18602117        18602346        .       +
        .       Parent=Smp_159740.2
SM_V9_1 Liftoff exon    18604462        18605264        .       +
        .       Parent=Smp_159740.2
SM_V9_1 Liftoff CDS     18521651        18521671        .       +
        0       Parent=Smp_159740.2
SM_V9_1 Liftoff CDS     18539727        18540124        .       +
        0       Parent=Smp_159740.2
SM_V9_1 Liftoff CDS     18567510        18567667        .       +
        1       Parent=Smp_159740.2
SM_V9_1 Liftoff CDS     18574860        18575557        .       +
        2       Parent=Smp_159740.2
SM_V9_1 Liftoff CDS     18592845        18593029        .       +
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SM_V9_1 Liftoff CDS     18594900        18595241        .       +
        1       Parent=Smp_159740.2
SM_V9_1 Liftoff CDS     18596192        18596211        .       +
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SM_V9_1 Liftoff CDS     18602117        18602346        .       +
        2       Parent=Smp_159740.2
SM_V9_1 Liftoff CDS     18604462        18604713        .       +
        0       Parent=Smp_159740.2
SM_V9_1 iris    gene    18608457        18656258        .       -
        .
ID=Smp_159750;geneID=Smp_159750;gene_name=Smp_159750;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18608457        18656258        .       -
        .
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9750;owner=irisadmin@local.host;orig_id=Smp_159750.1;date_last_modif
ied=2022-07-19;Name=Smp_159750.1;product=Vacuolar protein sorting-
associated protein 54;date_creation=2022-07-19
SM_V9_1 iris    exon    18608457        18609265        .       -
        .
Parent=Smp_159750.1;Name=f347dbbc-8515-417c-98fe-35dae65355be
SM_V9_1 iris    exon    18613635        18613729        .       -
        .       Parent=Smp_159750.1;Name=e9f3dec7-e3eb-4f50-
a1d9-627eca7a95ec
SM_V9_1 iris    exon    18614705        18614885        .       -
        .       Parent=Smp_159750.1;Name=2a536396-53cd-4bb4-a651-
e59897730c02
SM_V9_1 iris    exon    18616229        18616366        .       -
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SM_V9_1 iris    exon    18617735        18617889        .       -
        .       Parent=Smp_159750.1;Name=270cbdd8-d566-4eed-b631-
b13a4537b6b7
SM_V9_1 iris    exon    18618939        18619181        .       -
        .       Parent=Smp_159750.1;Name=e8a98f88-ac50-4b6d-a175-
b1f548bbff87
SM_V9_1 iris    exon    18620764        18621201        .       -
        .       Parent=Smp_159750.1;Name=b4f8aaa2-2831-484f-
aef6-153882197b4f
SM_V9_1 iris    exon    18623410        18623814        .       -
        .       Parent=Smp_159750.1;Name=cb999579-652b-4d7d-aebc-
ee0e904df817
SM_V9_1 iris    exon    18625341        18625476        .       -
        .
Parent=Smp_159750.1;Name=b54f57a8-4242-4b2f-871f-544446367981
SM_V9_1 iris    exon    18625994        18626142        .       -
        .       Parent=Smp_159750.1;Name=7e0bbe2f-8dfd-4adb-926b-
b8db6fb82589
SM_V9_1 iris    exon    18629898        18630263        .       -
        .       Parent=Smp_159750.1;Name=25d1c414-8eb8-418f-903c-
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SM_V9_1 iris    exon    18631978        18632077        .       -
        .       Parent=Smp_159750.1;Name=75ffc2b9-
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SM_V9_1 iris    exon    18634676        18634773        .       -
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f66d623bb1dc
SM_V9_1 iris    exon    18636987        18637300        .       -
        .       Parent=Smp_159750.1;Name=d8203229-118a-4811-8f58-
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SM_V9_1 iris    exon    18638937        18639159        .       -
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SM_V9_1 iris    exon    18640899        18640978        .       -
        .       Parent=Smp_159750.1;Name=3ac4e165-8d5d-4253-8d1e-
a1027790bb2c
SM_V9_1 iris    exon    18642376        18642578        .       -
        .       Parent=Smp_159750.1;Name=ba5f3f14-8886-4d31-
bf8b-3d5c0584890c
SM_V9_1 iris    exon    18655946        18656258        .       -
        .       Parent=Smp_159750.1;Name=ebf1d2bc-a8ba-417f-b8dd-
a4c223e0cf92
SM_V9_1 iris    CDS     18609163        18609265        .       -
        1       Parent=Smp_159750.1
SM_V9_1 iris    CDS     18613635        18613729        .       -
        0       Parent=Smp_159750.1
SM_V9_1 iris    CDS     18614705        18614885        .       -
        1       Parent=Smp_159750.1
SM_V9_1 iris    CDS     18616229        18616366        .       -
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SM_V9_1 iris    CDS     18617735        18617889        .       -
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SM_V9_1 iris    CDS     18618939        18619181        .       -
        0       Parent=Smp_159750.1
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SM_V9_1 iris    CDS     18620764        18621201        .       -
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SM_V9_1 iris    CDS     18623410        18623814        .       -
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SM_V9_1 iris    CDS     18625341        18625476        .       -
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SM_V9_1 iris    CDS     18625994        18626142        .       -
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SM_V9_1 iris    CDS     18629898        18630263        .       -
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SM_V9_1 iris    CDS     18631978        18632077        .       -
        1       Parent=Smp_159750.1
SM_V9_1 iris    CDS     18634676        18634773        .       -
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SM_V9_1 iris    CDS     18636987        18637300        .       -
        2       Parent=Smp_159750.1
SM_V9_1 iris    CDS     18638937        18639159        .       -
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SM_V9_1 iris    CDS     18640899        18640978        .       -
        2       Parent=Smp_159750.1
SM_V9_1 iris    CDS     18642376        18642578        .       -
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SM_V9_1 iris    CDS     18655946        18656097        .       -
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SM_V9_1 iris    mRNA    18667892        18686934        .       +
        .
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ied=2022-07-19;Name=Smp_324050.1;product=Acetyl-coenzyme A
transporter 1;date_creation=2022-07-19
SM_V9_1 iris    exon    18667892        18668013        .       +
        .       Parent=Smp_324050.1;Name=3eefbbdb-2cf0-49cd-9cc2-
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SM_V9_1 iris    exon    18669296        18669693        .       +
        .       Parent=Smp_324050.1;Name=8f6bc60b-85c9-4d2c-845f-
df70256d13c1
SM_V9_1 iris    exon    18674089        18674246        .       +
        .       Parent=Smp_324050.1;Name=bb7ae7de-
dde4-4bae-9cad-7c202d57c0af
SM_V9_1 iris    exon    18674910        18675205        .       +
        .       Parent=Smp_324050.1;Name=fad74f85-b1f6-4ab0-8b10-
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SM_V9_1 iris    exon    18678770        18678954        .       +
        .
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        .       Parent=Smp_324050.1;Name=4bd065bb-b73e-4d79-
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Parent=Smp_324050.1;Name=d80b8d51-6c4c-4aa1-8167-5746383df48f
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SM_V9_1 iris    CDS     18669353        18669693        .       +
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SM_V9_1 iris    CDS     18674089        18674246        .       +
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SM_V9_1 iris    CDS     18674910        18675205        .       +
        2       Parent=Smp_324050.1
SM_V9_1 iris    CDS     18678770        18678954        .       +
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SM_V9_1 iris    CDS     18683933        18684102        .       +
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SM_V9_1 iris    CDS     18685916        18686260        .       +
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        .
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SM_V9_1 Liftoff exon    18695548        18695799        .       -
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SM_V9_1 Liftoff exon    18697799        18697966        .       -
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SM_V9_1 Liftoff exon    18700213        18700612        .       -
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SM_V9_1 Liftoff exon    18702220        18702582        .       -
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SM_V9_1 Liftoff exon    18708044        18722155        .       -
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SM_V9_1 Liftoff CDS     18695741        18695799        .       -
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SM_V9_1 Liftoff CDS     18697799        18697966        .       -
        2       Parent=Smp_333290.1
SM_V9_1 Liftoff CDS     18700213        18700612        .       -
        0       Parent=Smp_333290.1
SM_V9_1 Liftoff CDS     18702220        18702582        .       -
        0       Parent=Smp_333290.1
SM_V9_1 Liftoff CDS     18708044        18710896        .       -
        0       Parent=Smp_333290.1
SM_V9_1 Liftoff gene    18722379        18810983        .       +
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SM_V9_1 Liftoff mRNA    18722379        18810983        .       +
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ID=Smp_159780.1;Parent=Smp_159780;geneID=Smp_159780;product=Latent-
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3;polypeptide_domain=InterPro:IPR000152,IPR000742,IPR001368,IPR00188
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SM_V9_1 Liftoff exon    18727094        18727274        .       +
        .       Parent=Smp_159780.1
SM_V9_1 Liftoff exon    18729496        18729521        .       +
        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
SM_V9_1 Liftoff exon    18750567        18750728        .       +
        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
SM_V9_1 Liftoff exon    18755325        18755485        .       +
        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
SM_V9_1 Liftoff exon    18760296        18760513        .       +
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SM_V9_1 Liftoff exon    18762084        18762299        .       +
        .       Parent=Smp_159780.1
SM_V9_1 Liftoff exon    18763673        18763842        .       +
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SM_V9_1 Liftoff exon    18765737        18766036        .       +
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        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
SM_V9_1 Liftoff exon    18779546        18779768        .       +
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        .       Parent=Smp_159780.1
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        .       Parent=Smp_159780.1
SM_V9_1 Liftoff exon    18803627        18803791        .       +
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        .       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18722706        18722740        .       +
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SM_V9_1 Liftoff CDS     18727094        18727274        .       +
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SM_V9_1 Liftoff CDS     18751807        18751881        .       +
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SM_V9_1 Liftoff CDS     18755325        18755485        .       +
        2       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18757014        18757277        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18758026        18758345        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18760296        18760513        .       +
        1       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18762084        18762299        .       +
        2       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18763673        18763842        .       +
        2       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18765737        18766036        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18767163        18767219        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18768714        18769262        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18774448        18774610        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18777596        18777889        .       +
        2       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18779546        18779768        .       +
        2       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18781119        18781335        .       +
        1       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18783196        18783415        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18787691        18787989        .       +
        2       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18789550        18789925        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18790764        18790828        .       +
        2       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18793928        18794062        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18796240        18796440        .       +
        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18800265        18800572        .       +
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        0       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18803627        18803791        .       +
        1       Parent=Smp_159780.1
SM_V9_1 Liftoff CDS     18808449        18808530        .       +
        1       Parent=Smp_159780.1
SM_V9_1 iris    gene    18810990        18855030        .       -
        .
ID=Smp_069380;geneID=Smp_069380;gene_name=Smp_069380;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18810990        18855030        .       -
        .
ID=Smp_069380.1;Parent=Smp_069380;geneID=Smp_069380;gene_name=Smp_06
9380;owner=irisadmin@local.host;orig_id=Smp_069380.1;date_last_modif
ied=2022-07-19;Name=Smp_069380.1;product=Histone deacetylase
5;date_creation=2022-07-19
SM_V9_1 iris    exon    18810990        18812372        .       -
        .       Parent=Smp_069380.1;Name=317c6327-6f8b-4b26-
b7c8-75b88c742f87
SM_V9_1 iris    exon    18816556        18816893        .       -
        .       Parent=Smp_069380.1;Name=bef8503f-f593-440a-aa33-
cd66546b0d83
SM_V9_1 iris    exon    18818393        18818983        .       -
        .       Parent=Smp_069380.1;Name=c9c293aa-be24-4523-
a701-3a2ae366a7db
SM_V9_1 iris    exon    18819705        18819734        .       -
        .       Parent=Smp_069380.1;Name=6b19ebd6-3cdf-4836-
a7be-20cbb909c10f
SM_V9_1 iris    exon    18820594        18821242        .       -
        .       Parent=Smp_069380.1;Name=81106b25-62b1-4e7c-8d3d-
ec7f7fa7860b
SM_V9_1 iris    exon    18826012        18826325        .       -
        .       Parent=Smp_069380.1;Name=c18735eb-a656-44d0-
bea0-6464a4938f80
SM_V9_1 iris    exon    18829667        18830021        .       -
        .       Parent=Smp_069380.1;Name=c872d3de-ca8c-43dc-
adf9-36a078bffc78
SM_V9_1 iris    exon    18832031        18832487        .       -
        .       Parent=Smp_069380.1;Name=828b35a9-
ce19-459c-92dd-60570e2ac746
SM_V9_1 iris    exon    18834370        18834493        .       -
        .       Parent=Smp_069380.1;Name=6cacc7e8-5762-492c-b21c-
eb21b912f6f1
SM_V9_1 iris    exon    18841388        18841821        .       -
        .       Parent=Smp_069380.1;Name=cc870244-46ae-41eb-
be20-864247d480a9
SM_V9_1 iris    exon    18847820        18847939        .       -
        .       Parent=Smp_069380.1;Name=d1bc464e-22f4-40ec-8f1c-
e7ffe36a2eb3
SM_V9_1 iris    exon    18847976        18848054        .       -
        .       Parent=Smp_069380.1;Name=896eee69-
e6bc-4778-959f-2a4f1ce75591
SM_V9_1 iris    exon    18850967        18851067        .       -
        .       Parent=Smp_069380.1;Name=37c48503-b9fa-41b8-9d97-
b164d5aeabfc
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SM_V9_1 iris    exon    18851116        18851332        .       -
        .       Parent=Smp_069380.1;Name=1b4377b6-0837-4dcc-9341-
d948bcbaeccb
SM_V9_1 iris    exon    18854930        18855030        .       -
        .
Parent=Smp_069380.1;Name=81b5afed-67a8-4abc-846e-00b815551d61
SM_V9_1 iris    CDS     18812138        18812372        .       -
        1       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18816556        18816893        .       -
        0       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18818393        18818983        .       -
        0       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18819705        18819734        .       -
        0       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18820594        18821242        .       -
        1       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18826012        18826325        .       -
        0       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18829667        18830021        .       -
        1       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18832031        18832487        .       -
        2       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18834370        18834493        .       -
        0       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18841388        18841821        .       -
        2       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18847820        18847939        .       -
        2       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18847976        18848054        .       -
        0       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18850967        18851067        .       -
        2       Parent=Smp_069380.1
SM_V9_1 iris    CDS     18851116        18851269        .       -
        0       Parent=Smp_069380.1
SM_V9_1 Liftoff gene    18870389        18904747        .       +
        .       ID=Smp_069400;geneID=Smp_069400
SM_V9_1 Liftoff mRNA    18870389        18904747        .       +
        .
ID=Smp_069400.1;Parent=Smp_069400;geneID=Smp_069400;product=Regulato
r of G-protein signaling
3;polypeptide_domain=InterPro:IPR016137,IPR024066 Pfam:PF00615
SM_V9_1 Liftoff exon    18870389        18871041        .       +
        .       Parent=Smp_069400.1
SM_V9_1 Liftoff exon    18893192        18893775        .       +
        .       Parent=Smp_069400.1
SM_V9_1 Liftoff exon    18897137        18897330        .       +
        .       Parent=Smp_069400.1
SM_V9_1 Liftoff exon    18899816        18899982        .       +
        .       Parent=Smp_069400.1
SM_V9_1 Liftoff exon    18904125        18904747        .       +
        .       Parent=Smp_069400.1
SM_V9_1 Liftoff CDS     18870592        18871041        .       +
        0       Parent=Smp_069400.1
SM_V9_1 Liftoff CDS     18893192        18893775        .       +
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        0       Parent=Smp_069400.1
SM_V9_1 Liftoff CDS     18897137        18897330        .       +
        1       Parent=Smp_069400.1
SM_V9_1 Liftoff CDS     18899816        18899982        .       +
        2       Parent=Smp_069400.1
SM_V9_1 Liftoff CDS     18904125        18904496        .       +
        0       Parent=Smp_069400.1
SM_V9_1 iris    gene    18918900        19031005        .       -
        .
ID=Smp_159790;geneID=Smp_159790;gene_name=Smp_159790;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    18918900        19031005        .       -
        .
ID=Smp_159790.1;Parent=Smp_159790;geneID=Smp_159790;gene_name=Smp_15
9790;owner=irisadmin@local.host;orig_id=Smp_159790.1;date_last_modif
ied=2022-07-19;Name=Smp_159790.1;product=Kinesin-like protein
KIF1A;date_creation=2022-07-19
SM_V9_1 iris    exon    18918900        18919679        .       -
        .       Parent=Smp_159790.1;Name=16bbd3dc-5cfa-41ff-
a473-59226f045e03
SM_V9_1 iris    exon    18920713        18921018        .       -
        .       Parent=Smp_159790.1;Name=0506ec1d-6e57-4bf5-beb5-
fb33fd811173
SM_V9_1 iris    exon    18925453        18925692        .       -
        .       Parent=Smp_159790.1;Name=3040896e-f406-4e11-8ae4-
fcdc0853f0e6
SM_V9_1 iris    exon    18929270        18929448        .       -
        .       Parent=Smp_159790.1;Name=a767f187-9c6a-497b-
ab3d-0b753fe28843
SM_V9_1 iris    exon    18931444        18931544        .       -
        .       Parent=Smp_159790.1;Name=0c6f97e4-
a518-42c3-930e-0e62a6224bd1
SM_V9_1 iris    exon    18937167        18937335        .       -
        .
Parent=Smp_159790.1;Name=afba7081-5e66-487e-90f0-960e9887b212
SM_V9_1 iris    exon    18941989        18942229        .       -
        .       Parent=Smp_159790.1;Name=ee675174-782d-43e6-986c-
d90d5312fe4f
SM_V9_1 iris    exon    18947006        18947163        .       -
        .       Parent=Smp_159790.1;Name=4cc47cda-bf7f-435c-92fe-
ce068ec7a472
SM_V9_1 iris    exon    18948219        18948364        .       -
        .
Parent=Smp_159790.1;Name=c179eb6b-1c81-4fb8-81ea-259913277a5a
SM_V9_1 iris    exon    18953636        18953772        .       -
        .       Parent=Smp_159790.1;Name=97791622-9e24-454b-bd5b-
c0a7be586f8c
SM_V9_1 iris    exon    18955932        18956132        .       -
        .
Parent=Smp_159790.1;Name=48f880df-794a-4f2a-93f1-9deadc6afe78
SM_V9_1 iris    exon    18956461        18956763        .       -
        .       Parent=Smp_159790.1;Name=181b4b88-8af2-4b00-
af85-945df1f02426
SM_V9_1 iris    exon    18957818        18957886        .       -
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        .       Parent=Smp_159790.1;Name=7917c2fa-0bdc-4f62-
b315-7ca703eaeed7
SM_V9_1 iris    exon    18959184        18959270        .       -
        .       Parent=Smp_159790.1;Name=ea8572f0-2b9e-44e5-8201-
e2b6b4d72899
SM_V9_1 iris    exon    18961326        18961456        .       -
        .       Parent=Smp_159790.1;Name=312964ac-f7c7-4e46-9989-
ba39e17eee50
SM_V9_1 iris    exon    18964139        18964229        .       -
        .
Parent=Smp_159790.1;Name=f35004c6-660d-444b-9903-6558578e3053
SM_V9_1 iris    exon    18966590        18966755        .       -
        .       Parent=Smp_159790.1;Name=0577c779-85aa-4138-
a154-67444e02484f
SM_V9_1 iris    exon    18971777        18971969        .       -
        .       Parent=Smp_159790.1;Name=75b1c03a-7be7-4b4c-
ae15-586476e3eff6
SM_V9_1 iris    exon    18973172        18973415        .       -
        .       Parent=Smp_159790.1;Name=241c9571-ea58-4e08-88b4-
dfdc07ae24ce
SM_V9_1 iris    exon    18974598        18974783        .       -
        .       Parent=Smp_159790.1;Name=6932b606-0ea9-40c7-9458-
c4eeab3c0be1
SM_V9_1 iris    exon    18975739        18976031        .       -
        .       Parent=Smp_159790.1;Name=1743711d-8e54-4dfe-9a5b-
eb8f3bf01768
SM_V9_1 iris    exon    18977126        18977194        .       -
        .
Parent=Smp_159790.1;Name=a5e7639f-022a-4b85-8b5f-1754c384c5d3
SM_V9_1 iris    exon    18979245        18979330        .       -
        .       Parent=Smp_159790.1;Name=ff9f6a2a-fee7-4bcc-
b2ec-68406ba3c584
SM_V9_1 iris    exon    18981353        18981464        .       -
        .
Parent=Smp_159790.1;Name=766703d8-53cb-4e97-87e3-1eed2f914d01
SM_V9_1 iris    exon    18982686        18982849        .       -
        .       Parent=Smp_159790.1;Name=7749c67f-a248-4f17-
ba63-6fce05aadbb3
SM_V9_1 iris    exon    18984792        18984827        .       -
        .       Parent=Smp_159790.1;Name=bfeac0a8-b797-4ffc-
a11f-762bd919e9d9
SM_V9_1 iris    exon    18988944        18989084        .       -
        .       Parent=Smp_159790.1;Name=a47a8e21-1913-4d2a-
a536-9827232c1222
SM_V9_1 iris    exon    18991097        18991188        .       -
        .       Parent=Smp_159790.1;Name=bc1af69c-1aef-45fa-9a89-
ea0ca6f59085
SM_V9_1 iris    exon    18992524        18992603        .       -
        .       Parent=Smp_159790.1;Name=d632a8a2-7b64-4734-ab4a-
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SM_V9_1 iris    exon    18993639        18993711        .       -
        .       Parent=Smp_159790.1;Name=f37ce2be-a662-477e-895f-
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SM_V9_1 iris    exon    18998956        18999124        .       -
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        .       Parent=Smp_159790.1;Name=a2235d11-5548-44ca-809a-
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SM_V9_1 iris    exon    19000026        19000241        .       -
        .       Parent=Smp_159790.1;Name=d0d2a378-27e2-4f26-b43e-
aa8ace0d89d7
SM_V9_1 iris    exon    19002941        19003019        .       -
        .       Parent=Smp_159790.1;Name=2c95aeb2-9eb9-4127-
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SM_V9_1 iris    exon    19004684        19004827        .       -
        .       Parent=Smp_159790.1;Name=ef895223-986f-4116-
a43a-3a43870c271b
SM_V9_1 iris    exon    19006647        19006758        .       -
        .       Parent=Smp_159790.1;Name=8f2c0882-3ec6-43c9-b227-
b6505e5bcf13
SM_V9_1 iris    exon    19009881        19010059        .       -
        .       Parent=Smp_159790.1;Name=91b2bc56-cbc3-4ca4-
bd72-5cbba3e582f4
SM_V9_1 iris    exon    19012131        19012382        .       -
        .       Parent=Smp_159790.1;Name=21aa36a2-89e5-4a82-b887-
b9b0a1c83601
SM_V9_1 iris    exon    19014518        19014591        .       -
        .       Parent=Smp_159790.1;Name=fbad823d-
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SM_V9_1 iris    exon    19019706        19019830        .       -
        .       Parent=Smp_159790.1;Name=5ec0b84b-6b4a-41b5-8e35-
bc697488a390
SM_V9_1 iris    exon    19030725        19031005        .       -
        .       Parent=Smp_159790.1;Name=87ac1ce4-d302-4ccd-
b041-2d9f166e42c8
SM_V9_1 iris    CDS     18920958        18921018        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18925453        18925692        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18929270        18929448        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18931444        18931544        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18937167        18937335        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18941989        18942229        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18947006        18947163        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18948219        18948364        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18953636        18953772        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18955932        18956132        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18956461        18956763        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18957818        18957886        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18959184        18959270        .       -
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        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18961326        18961456        .       -
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SM_V9_1 iris    CDS     18964139        18964229        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18966590        18966755        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18971777        18971969        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18973172        18973415        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18974598        18974783        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18975739        18976031        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18977126        18977194        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18979245        18979330        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18981353        18981464        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18982686        18982849        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18984792        18984827        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18988944        18989084        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18991097        18991188        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18992524        18992603        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18993639        18993711        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     18998956        18999124        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19000026        19000241        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19002941        19003019        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19004684        19004827        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19006647        19006758        .       -
        1       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19009881        19010059        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19012131        19012382        .       -
        0       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19014518        19014591        .       -
        2       Parent=Smp_159790.1
SM_V9_1 iris    CDS     19019706        19019805        .       -
        0       Parent=Smp_159790.1
SM_V9_1 Liftoff gene    19056379        19058323        .       +
        .       ID=Smp_324100;geneID=Smp_324100
SM_V9_1 Liftoff mRNA    19056379        19058323        .       +
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ID=Smp_324100.1;Parent=Smp_324100;geneID=Smp_324100;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR017452;Ontology_term=GO:00160
21
SM_V9_1 Liftoff exon    19056379        19057254        .       +
        .       Parent=Smp_324100.1
SM_V9_1 Liftoff exon    19057735        19058323        .       +
        .       Parent=Smp_324100.1
SM_V9_1 Liftoff CDS     19056507        19057254        .       +
        0       Parent=Smp_324100.1
SM_V9_1 Liftoff CDS     19057735        19057907        .       +
        2       Parent=Smp_324100.1
SM_V9_1 Liftoff gene    19098175        19099199        .       +
        .
ID=Smp_341340;geneID=Smp_341340;previous_systematic_id=Smp_080360
SM_V9_1 Liftoff mRNA    19098175        19099199        .       +
        .
ID=Smp_341340.1;Parent=Smp_341340;geneID=Smp_341340;product=Cell
number regulator 11;polypeptide_domain=InterPro:IPR006461
Pfam:PF04749
SM_V9_1 Liftoff exon    19098175        19099199        .       +
        .       Parent=Smp_341340.1
SM_V9_1 Liftoff CDS     19098179        19099030        .       +
        0       Parent=Smp_341340.1
SM_V9_1 iris    gene    19127554        19139584        .       +
        .
ID=Smp_347730;geneID=Smp_347730;gene_name=Smp_347730;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    19127554        19139584        .       +
        .
ID=Smp_347730.1;Parent=Smp_347730;geneID=Smp_347730;gene_name=Smp_34
7730;owner=irisadmin@local.host;orig_id=Smp_347730.1;date_last_modif
ied=2022-07-19;Name=Smp_347730.1;product=Protein snail homolog
Sna;date_creation=2022-07-19
SM_V9_1 iris    exon    19127554        19127853        .       +
        .
Parent=Smp_347730.1;Name=4b0e7296-2cc4-47ac-8411-7aea2db383c4
SM_V9_1 iris    exon    19137112        19139584        .       +
        .       Parent=Smp_347730.1;Name=a0597496-16f1-4bea-97f0-
fcaa234bfe79
SM_V9_1 iris    CDS     19137203        19139113        .       +
        0       Parent=Smp_347730.1
SM_V9_1 iris    gene    19197694        19297933        .       +
        .
ID=Smp_165420;geneID=Smp_165420;gene_name=Smp_165420;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    19197694        19297933        .       +
        .
ID=Smp_165420.1;Parent=Smp_165420;geneID=Smp_165420;gene_name=Smp_16
5420;owner=irisadmin@local.host;orig_id=Smp_165420.1;date_last_modif
ied=2022-07-19;Name=Smp_165420.1;product=Huntingtin;date_creation=20
22-07-19
SM_V9_1 iris    exon    19197694        19197750        .       +
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        .       Parent=Smp_165420.1;Name=f119274b-becc-4f8c-
a27a-252f6df361ad
SM_V9_1 iris    exon    19198409        19198774        .       +
        .
Parent=Smp_165420.1;Name=e455e792-8c7d-4976-8c59-158230eb3bca
SM_V9_1 iris    exon    19206767        19206906        .       +
        .       Parent=Smp_165420.1;Name=31ca834d-94c1-4963-
aa98-478603cbd097
SM_V9_1 iris    exon    19208310        19208451        .       +
        .       Parent=Smp_165420.1;Name=33aa6548-1ef7-4e9b-a5ff-
a9b7cd76ae97
SM_V9_1 iris    exon    19211129        19211267        .       +
        .       Parent=Smp_165420.1;Name=1256bbcb-
f264-4bd9-871b-74dee3621aa9
SM_V9_1 iris    exon    19214426        19214704        .       +
        .
Parent=Smp_165420.1;Name=54fd2edb-5716-4584-9f10-8c0be618b8a8
SM_V9_1 iris    exon    19216572        19216943        .       +
        .       Parent=Smp_165420.1;Name=50e28546-872e-4d7d-
b514-61fbc8881d73
SM_V9_1 iris    exon    19220774        19221160        .       +
        .
Parent=Smp_165420.1;Name=4ea7055d-8d51-403b-8e18-9defafffae5f
SM_V9_1 iris    exon    19221417        19221791        .       +
        .       Parent=Smp_165420.1;Name=7058076d-52a3-432a-84ab-
cd28613f4fc3
SM_V9_1 iris    exon    19222598        19222800        .       +
        .       Parent=Smp_165420.1;Name=58219355-fce1-40ce-
ac64-72f1442d203b
SM_V9_1 iris    exon    19231272        19231559        .       +
        .       Parent=Smp_165420.1;Name=192cd2ec-cd97-4aca-b758-
ce06965712e7
SM_V9_1 iris    exon    19232133        19232373        .       +
        .       Parent=Smp_165420.1;Name=674b4ad5-19f1-4bcf-925e-
ed150b8c2686
SM_V9_1 iris    exon    19234295        19234584        .       +
        .       Parent=Smp_165420.1;Name=9c37bb61-5592-46eb-
b9f4-4b2cb7a48d7d
SM_V9_1 iris    exon    19236569        19236836        .       +
        .       Parent=Smp_165420.1;Name=b2ab9c52-5fec-49ed-98b5-
a8b25c1fe60d
SM_V9_1 iris    exon    19238133        19238256        .       +
        .       Parent=Smp_165420.1;Name=eac5b4ab-d179-4bcb-9dd2-
c66b2fb8f3bd
SM_V9_1 iris    exon    19238967        19239292        .       +
        .
Parent=Smp_165420.1;Name=ef62a210-33df-49d4-9846-166641947d1c
SM_V9_1 iris    exon    19240123        19240232        .       +
        .       Parent=Smp_165420.1;Name=b5264518-
f5cd-4e12-9570-01c7bca131d2
SM_V9_1 iris    exon    19241653        19241841        .       +
        .       Parent=Smp_165420.1;Name=e0001d99-7b17-4680-
a75a-2cefa18dfacd
SM_V9_1 iris    exon    19242997        19243147        .       +
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        .       Parent=Smp_165420.1;Name=2c5f36cb-3230-47da-922e-
e0317a0935d7
SM_V9_1 iris    exon    19245132        19245394        .       +
        .       Parent=Smp_165420.1;Name=1282513b-50ad-4763-a485-
fdc8fb391c07
SM_V9_1 iris    exon    19245991        19246152        .       +
        .       Parent=Smp_165420.1;Name=35fec18b-
d975-43e1-9ef9-771ad3c1cec3
SM_V9_1 iris    exon    19247575        19248054        .       +
        .
Parent=Smp_165420.1;Name=7b9c2624-98cd-40c3-88db-429d0d51fcdf
SM_V9_1 iris    exon    19249076        19249245        .       +
        .       Parent=Smp_165420.1;Name=7d635b03-49ac-4dc3-b50d-
c6cabf094ac1
SM_V9_1 iris    exon    19252985        19253150        .       +
        .       Parent=Smp_165420.1;Name=fe1bd3f4-2b08-4460-ba72-
c43b10c4ab07
SM_V9_1 iris    exon    19254998        19255195        .       +
        .       Parent=Smp_165420.1;Name=93db7f7d-1e7c-46fa-
be1f-1b9b804b10ef
SM_V9_1 iris    exon    19256633        19256787        .       +
        .       Parent=Smp_165420.1;Name=200388e7-74a0-4d54-ac65-
b24a6dddb050
SM_V9_1 iris    exon    19258083        19258267        .       +
        .       Parent=Smp_165420.1;Name=9e78f734-
df89-4cc8-8aca-87ef8a1ad29c
SM_V9_1 iris    exon    19258838        19258890        .       +
        .       Parent=Smp_165420.1;Name=06ce34f8-b587-4168-80f2-
dfde7dd2bd8f
SM_V9_1 iris    exon    19260793        19261065        .       +
        .       Parent=Smp_165420.1;Name=00da4d45-a47c-46a8-8068-
dd61f606aede
SM_V9_1 iris    exon    19262084        19262284        .       +
        .       Parent=Smp_165420.1;Name=70d43b6e-86de-4a33-9df2-
cb669e53f02f
SM_V9_1 iris    exon    19264396        19264647        .       +
        .       Parent=Smp_165420.1;Name=7f022129-b4ce-4372-9043-
e242b482057d
SM_V9_1 iris    exon    19265031        19265231        .       +
        .
Parent=Smp_165420.1;Name=8f74e9d6-22d6-46e6-854a-35cff5d33e60
SM_V9_1 iris    exon    19266917        19267251        .       +
        .
Parent=Smp_165420.1;Name=6b24f047-3f13-45e0-9d99-8315ad7ed6ac
SM_V9_1 iris    exon    19268652        19268722        .       +
        .       Parent=Smp_165420.1;Name=01dcf332-6902-49d6-ae3c-
a278d69d2976
SM_V9_1 iris    exon    19269392        19269546        .       +
        .       Parent=Smp_165420.1;Name=b57fa607-abbe-42c3-
af73-7261da1bdd77
SM_V9_1 iris    exon    19270789        19271107        .       +
        .       Parent=Smp_165420.1;Name=fa52c074-fffc-4fcc-b0b5-
a120f4fc739f
SM_V9_1 iris    exon    19273836        19274261        .       +
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        .       Parent=Smp_165420.1;Name=90af2751-dc06-416e-9c32-
e0579d403055
SM_V9_1 iris    exon    19275323        19275627        .       +
        .       Parent=Smp_165420.1;Name=58b82c40-e501-419d-
a6de-4520ed89fd26
SM_V9_1 iris    exon    19276446        19276600        .       +
        .       Parent=Smp_165420.1;Name=f4e4da8f-
c0cd-4be2-8c15-6e7c2b6caab9
SM_V9_1 iris    exon    19278290        19278618        .       +
        .       Parent=Smp_165420.1;Name=697fed0d-13df-4273-93b5-
abd6581f7a4b
SM_V9_1 iris    exon    19282797        19283177        .       +
        .
Parent=Smp_165420.1;Name=ac3fa458-25f1-4726-99f8-2b8a449c4ce1
SM_V9_1 iris    exon    19284495        19284826        .       +
        .
Parent=Smp_165420.1;Name=bdb0dbb1-9670-48b7-8dde-66a95027c3c1
SM_V9_1 iris    exon    19285748        19285949        .       +
        .       Parent=Smp_165420.1;Name=422e504e-dfaf-4188-
a506-0013bd4d3157
SM_V9_1 iris    exon    19287385        19287632        .       +
        .       Parent=Smp_165420.1;Name=370a0400-cd7e-407e-
bfae-95caeb9582bb
SM_V9_1 iris    exon    19289579        19289704        .       +
        .       Parent=Smp_165420.1;Name=4d1d1996-df19-4c3d-
aaed-23c27b79736b
SM_V9_1 iris    exon    19291942        19292170        .       +
        .       Parent=Smp_165420.1;Name=84254a60-4d49-413c-
bd4b-7135efbcd8c4
SM_V9_1 iris    exon    19293726        19294171        .       +
        .       Parent=Smp_165420.1;Name=663f9600-
bb00-4ac2-8a36-4926fcb2579e
SM_V9_1 iris    exon    19294653        19294816        .       +
        .       Parent=Smp_165420.1;Name=7cd8f739-2d0a-4445-
b309-4ae34158b502
SM_V9_1 iris    exon    19296706        19297933        .       +
        .
Parent=Smp_165420.1;Name=a6fee10d-7a50-42e4-80cd-82ed7d21f86e
SM_V9_1 iris    CDS     19198421        19198774        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19206767        19206906        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19208310        19208451        .       +
        1       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19211129        19211267        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19214426        19214704        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19216572        19216943        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19220774        19221160        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19221417        19221791        .       +
        2       Parent=Smp_165420.1
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SM_V9_1 iris    CDS     19222598        19222800        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19231272        19231559        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19232133        19232373        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19234295        19234584        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19236569        19236836        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19238133        19238256        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19238967        19239292        .       +
        1       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19240123        19240232        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19241653        19241841        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19242997        19243147        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19245132        19245394        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19245991        19246152        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19247575        19248054        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19249076        19249245        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19252985        19253150        .       +
        1       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19254998        19255195        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19256633        19256787        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19258083        19258267        .       +
        1       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19258838        19258890        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19260793        19261065        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19262084        19262284        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19264396        19264647        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19265031        19265231        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19266917        19267251        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19268652        19268722        .       +
        1       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19269392        19269546        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19270789        19271107        .       +
        0       Parent=Smp_165420.1
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SM_V9_1 iris    CDS     19273836        19274261        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19275323        19275627        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19276446        19276600        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19278290        19278618        .       +
        1       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19282797        19283177        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19284495        19284826        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19285748        19285949        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19287385        19287632        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19289579        19289704        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19291942        19292170        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19293726        19294171        .       +
        2       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19294653        19294816        .       +
        0       Parent=Smp_165420.1
SM_V9_1 iris    CDS     19296706        19297219        .       +
        1       Parent=Smp_165420.1
SM_V9_1 iris    gene    19301608        19306022        .       +
        .
ID=Smp_324140;geneID=Smp_324140;gene_name=Smp_324140;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    19301608        19306022        .       +
        .
ID=Smp_324140.1;Parent=Smp_324140;geneID=Smp_324140;gene_name=Smp_32
4140;owner=irisadmin@local.host;orig_id=Smp_324140.1;date_last_modif
ied=2022-07-19;Name=Smp_324140.1;product=Immediate early response
gene 5-like protein;date_creation=2022-07-19
SM_V9_1 iris    exon    19301608        19302035        .       +
        .       Parent=Smp_324140.1;Name=3aba36d5-0b50-4b9d-
a95e-4054f48be0d1
SM_V9_1 iris    exon    19305458        19306022        .       +
        .
Parent=Smp_324140.1;Name=78cfcf10-7f3d-442d-8063-164f3f9388e5
SM_V9_1 iris    CDS     19301708        19302035        .       +
        0       Parent=Smp_324140.1
SM_V9_1 iris    CDS     19305458        19305618        .       +
        2       Parent=Smp_324140.1
SM_V9_1 Liftoff gene    19312182        19323696        .       -
        .       ID=Smp_080320;geneID=Smp_080320
SM_V9_1 Liftoff mRNA    19312182        19323696        .       -
        .
ID=Smp_080320.1;Parent=Smp_080320;geneID=Smp_080320;product=Dynein
assembly factor with WDR repeat domains
1;polypeptide_domain=InterPro:IPR001680,IPR011043,IPR015943,IPR01798
6,IPR019775,IPR020472 Pfam:PF00400;Ontology_term=GO:0005515
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SM_V9_1 Liftoff exon    19312182        19312579        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19315141        19315350        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19315509        19315858        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19318431        19318571        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19321229        19321353        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19323206        19323264        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19323298        19323442        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19323479        19323551        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff exon    19323593        19323696        .       -
        .       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19312382        19312579        .       -
        0       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19315141        19315350        .       -
        0       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19315509        19315858        .       -
        2       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19318431        19318571        .       -
        2       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19321229        19321353        .       -
        1       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19323206        19323264        .       -
        0       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19323298        19323442        .       -
        1       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19323479        19323551        .       -
        2       Parent=Smp_080320.1
SM_V9_1 Liftoff CDS     19323593        19323632        .       -
        0       Parent=Smp_080320.1
SM_V9_1 Liftoff gene    19349359        19360956        .       +
        .
ID=Smp_345610;geneID=Smp_345610;previous_systematic_id=Smp_165410
SM_V9_1 Liftoff mRNA    19349359        19360956        .       +
        .
ID=Smp_345610.1;Parent=Smp_345610;geneID=Smp_345610;product=LIM/
homeobox protein
Lhx3;polypeptide_domain=InterPro:IPR001356,IPR001781,IPR009057,IPR01
7970
Pfam:PF00046,PF00412;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    19349359        19349527        .       +
        .       Parent=Smp_345610.1
SM_V9_1 Liftoff exon    19352626        19352828        .       +
        .       Parent=Smp_345610.1
SM_V9_1 Liftoff exon    19354181        19354358        .       +
        .       Parent=Smp_345610.1
SM_V9_1 Liftoff exon    19357892        19358151        .       +
        .       Parent=Smp_345610.1
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SM_V9_1 Liftoff exon    19359726        19360956        .       +
        .       Parent=Smp_345610.1
SM_V9_1 Liftoff CDS     19349391        19349527        .       +
        0       Parent=Smp_345610.1
SM_V9_1 Liftoff CDS     19352626        19352828        .       +
        1       Parent=Smp_345610.1
SM_V9_1 Liftoff CDS     19354181        19354358        .       +
        2       Parent=Smp_345610.1
SM_V9_1 Liftoff CDS     19357892        19358151        .       +
        1       Parent=Smp_345610.1
SM_V9_1 Liftoff CDS     19359726        19360336        .       +
        2       Parent=Smp_345610.1
SM_V9_1 Liftoff gene    19379136        19386586        .       -
        .       ID=Smp_324180;geneID=Smp_324180
SM_V9_1 Liftoff mRNA    19379136        19386586        .       -
        .
ID=Smp_324180.1;Parent=Smp_324180;geneID=Smp_324180;product=mRNA
decay activator protein ZFP36L2-
B;polypeptide_domain=InterPro:IPR000571
Pfam:PF00642;Ontology_term=GO:0046872
SM_V9_1 Liftoff exon    19379136        19379640        .       -
        .       Parent=Smp_324180.1
SM_V9_1 Liftoff exon    19385206        19386586        .       -
        .       Parent=Smp_324180.1
SM_V9_1 Liftoff CDS     19379275        19379640        .       -
        0       Parent=Smp_324180.1
SM_V9_1 Liftoff CDS     19385206        19386381        .       -
        0       Parent=Smp_324180.1
SM_V9_1 iris    gene    19391460        19414066        .       -
        .
ID=Smp_165400;geneID=Smp_165400;gene_name=Smp_165400;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    19391460        19414066        .       -
        .
ID=Smp_165400.1;Parent=Smp_165400;geneID=Smp_165400;gene_name=Smp_16
5400;owner=irisadmin@local.host;orig_id=Smp_165400.3;date_last_modif
ied=2022-07-19;Name=Smp_165400.1;product=Propionyl-CoA carboxylase
alpha chain, mitochondrial;date_creation=2022-07-19
SM_V9_1 iris    exon    19391460        19392238        .       -
        .       Parent=Smp_165400.1;Name=895691b1-5e43-43ab-
ac09-774abb650e99
SM_V9_1 iris    exon    19393505        19393789        .       -
        .       Parent=Smp_165400.1;Name=e3658870-3322-44c8-89dd-
d082f5038e21
SM_V9_1 iris    exon    19396070        19396337        .       -
        .       Parent=Smp_165400.1;Name=5b5198e4-
b5fd-4608-9f92-18a1ead4c0c6
SM_V9_1 iris    exon    19397211        19397304        .       -
        .       Parent=Smp_165400.1;Name=354c3059-2c55-49e1-afbd-
ae9751d21446
SM_V9_1 iris    exon    19398374        19398755        .       -
        .       Parent=Smp_165400.1;Name=57bdf763-c95d-45c2-
ae0a-192e52b54fa7
SM_V9_1 iris    exon    19400682        19400842        .       -
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        .       Parent=Smp_165400.1;Name=b8918247-f533-468c-
b12f-3c8b7bf786ff
SM_V9_1 iris    exon    19402642        19402819        .       -
        .       Parent=Smp_165400.1;Name=c25227a1-5a49-4880-a5c0-
fa08909d6781
SM_V9_1 iris    exon    19409296        19409477        .       -
        .
Parent=Smp_165400.1;Name=d03f8ce0-1769-442b-9c3b-65cbf5319c81
SM_V9_1 iris    exon    19409891        19410344        .       -
        .       Parent=Smp_165400.1;Name=c4f46ff9-9011-48ff-bb3e-
ddc5212504bb
SM_V9_1 iris    exon    19413830        19413931        .       -
        .       Parent=Smp_165400.1;Name=f6a3ad9e-10c9-4fd3-
a961-1b67cd14372d
SM_V9_1 iris    exon    19413966        19414066        .       -
        .       Parent=Smp_165400.1;Name=3f59870f-4ff6-41d9-baad-
ad106f7ec29e
SM_V9_1 iris    CDS     19392167        19392238        .       -
        0       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19393505        19393789        .       -
        0       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19396070        19396337        .       -
        1       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19397211        19397304        .       -
        2       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19398374        19398755        .       -
        0       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19400682        19400842        .       -
        2       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19402642        19402819        .       -
        0       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19409296        19409477        .       -
        2       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19409891        19410344        .       -
        0       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19413830        19413931        .       -
        0       Parent=Smp_165400.1
SM_V9_1 iris    CDS     19413966        19413998        .       -
        0       Parent=Smp_165400.1
SM_V9_1 Liftoff gene    19423190        19432327        .       +
        .       ID=Smp_080280;geneID=Smp_080280
SM_V9_1 Liftoff mRNA    19423190        19432327        .       +
        .
ID=Smp_080280.1;Parent=Smp_080280;geneID=Smp_080280;product=Transcri
ption initiation factor IIA subunit
1;polypeptide_domain=InterPro:IPR004855,IPR009083,IPR009088
Pfam:PF03153;Ontology_term=GO:0005672,GO:0006367
SM_V9_1 Liftoff exon    19423190        19423586        .       +
        .       Parent=Smp_080280.1
SM_V9_1 Liftoff exon    19423654        19423755        .       +
        .       Parent=Smp_080280.1
SM_V9_1 Liftoff exon    19423789        19423890        .       +
        .       Parent=Smp_080280.1
SM_V9_1 Liftoff exon    19424711        19425098        .       +
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        .       Parent=Smp_080280.1
SM_V9_1 Liftoff exon    19425209        19425366        .       +
        .       Parent=Smp_080280.1
SM_V9_1 Liftoff exon    19427251        19427786        .       +
        .       Parent=Smp_080280.1
SM_V9_1 Liftoff exon    19429761        19430091        .       +
        .       Parent=Smp_080280.1
SM_V9_1 Liftoff exon    19431239        19432327        .       +
        .       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19423575        19423586        .       +
        0       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19423654        19423755        .       +
        0       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19423789        19423890        .       +
        0       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19424711        19425098        .       +
        0       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19425209        19425366        .       +
        2       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19427251        19427786        .       +
        0       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19429761        19430091        .       +
        1       Parent=Smp_080280.1
SM_V9_1 Liftoff CDS     19431239        19431346        .       +
        0       Parent=Smp_080280.1
SM_V9_1 Liftoff gene    19440261        19441666        .       -
        .       ID=Smp_200600;geneID=Smp_200600
SM_V9_1 Liftoff mRNA    19440261        19441666        .       -
        .
ID=Smp_200600.1;Parent=Smp_200600;geneID=Smp_200600;product=U3 small
nucleolar RNA-associated protein 25
SM_V9_1 Liftoff exon    19440261        19441666        .       -
        .       Parent=Smp_200600.1
SM_V9_1 Liftoff CDS     19441199        19441561        .       -
        0       Parent=Smp_200600.1
SM_V9_1 Liftoff gene    19494070        19508989        .       +
        .
ID=Smp_331830;geneID=Smp_331830;previous_systematic_id=Smp_163400
SM_V9_1 Liftoff mRNA    19494070        19508989        .       +
        .
ID=Smp_331830.1;Parent=Smp_331830;geneID=Smp_331830;product=venom
allergen (val) protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR001283,IPR014044,IPR018244,
IPR034113 Pfam:PF00188;Ontology_term=GO:0005576
SM_V9_1 Liftoff exon    19494070        19496618        .       +
        .       Parent=Smp_331830.1
SM_V9_1 Liftoff exon    19499964        19500145        .       +
        .       Parent=Smp_331830.1
SM_V9_1 Liftoff exon    19507518        19507592        .       +
        .       Parent=Smp_331830.1
SM_V9_1 Liftoff exon    19508588        19508989        .       +
        .       Parent=Smp_331830.1
SM_V9_1 Liftoff CDS     19496563        19496618        .       +
        0       Parent=Smp_331830.1
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SM_V9_1 Liftoff CDS     19499964        19500145        .       +
        1       Parent=Smp_331830.1
SM_V9_1 Liftoff CDS     19507518        19507592        .       +
        2       Parent=Smp_331830.1
SM_V9_1 Liftoff CDS     19508588        19508748        .       +
        2       Parent=Smp_331830.1
SM_V9_1 iris    gene    19510887        19531218        .       -
        .
ID=Smp_076630;geneID=Smp_076630;gene_name=Smp_076630;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_1 iris    mRNA    19510887        19531218        .       -
        .
ID=Smp_076630.1;Parent=Smp_076630;geneID=Smp_076630;gene_name=Smp_07
6630;owner=irisadmin@local.host;orig_id=Smp_076630.1;date_last_modif
ied=2022-11-13;Name=Smp_076630.1;product=60S ribosomal export
protein NMD3;date_creation=2022-11-13
SM_V9_1 iris    exon    19510887        19511140        .       -
        .       Parent=Smp_076630.1;Name=e8ffbbc8-f040-4492-a578-
ffd3423a4425
SM_V9_1 iris    exon    19512573        19512880        .       -
        .       Parent=Smp_076630.1;Name=c86b7041-234f-4182-8add-
f05e87afffc0
SM_V9_1 iris    exon    19515383        19515716        .       -
        .
Parent=Smp_076630.1;Name=54d14b4a-4da9-46ee-945a-79f6cd3e75dc
SM_V9_1 iris    exon    19516113        19516230        .       -
        .       Parent=Smp_076630.1;Name=0e3615c3-4be7-496a-a7b9-
ce81dd9c617f
SM_V9_1 iris    exon    19517185        19517281        .       -
        .       Parent=Smp_076630.1;Name=7426920f-f30e-4d1f-892f-
dbe5fb847ea2
SM_V9_1 iris    exon    19525204        19525282        .       -
        .
Parent=Smp_076630.1;Name=51ef00d4-6655-4166-8d26-10fd23785696
SM_V9_1 iris    exon    19525574        19525664        .       -
        .
Parent=Smp_076630.1;Name=c55f5bb0-47ee-43c0-9e7a-2c924730b05a
SM_V9_1 iris    exon    19527348        19527494        .       -
        .       Parent=Smp_076630.1;Name=e099cbde-2762-4eb1-
b2a9-97ee43fe4808
SM_V9_1 iris    exon    19530087        19530246        .       -
        .       Parent=Smp_076630.1;Name=f5ba9151-ad5b-4451-9fdc-
cce5fbec566b
SM_V9_1 iris    exon    19530279        19530413        .       -
        .       Parent=Smp_076630.1;Name=c15a1d3a-00eb-4003-
b391-282b57e91ea2
SM_V9_1 iris    exon    19530447        19530523        .       -
        .       Parent=Smp_076630.1;Name=2883057d-3baf-45d5-883a-
b2bffc69a63e
SM_V9_1 iris    exon    19531144        19531218        .       -
        .       Parent=Smp_076630.1;Name=f342580d-1ad0-489d-bab8-
cbb421623568
SM_V9_1 iris    CDS     19511112        19511140        .       -
        2       Parent=Smp_076630.1
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SM_V9_1 iris    CDS     19512573        19512880        .       -
        1       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19515383        19515716        .       -
        2       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19516113        19516230        .       -
        0       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19517185        19517281        .       -
        1       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19525204        19525282        .       -
        2       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19525574        19525664        .       -
        0       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19527348        19527494        .       -
        0       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19530087        19530246        .       -
        1       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19530279        19530413        .       -
        1       Parent=Smp_076630.1
SM_V9_1 iris    CDS     19530447        19530472        .       -
        0       Parent=Smp_076630.1
SM_V9_1 Liftoff gene    19546764        19563013        .       +
        .       ID=Smp_076660;geneID=Smp_076660
SM_V9_1 Liftoff mRNA    19546764        19563013        .       +
        .
ID=Smp_076660.1;Parent=Smp_076660;geneID=Smp_076660;product=DNA
polymerase delta small subunit;polypeptide_domain=InterPro:IPR007185
Pfam:PF04042;Ontology_term=GO:0003677,GO:0003887,GO:0006260
SM_V9_1 Liftoff exon    19546764        19552214        .       +
        .       Parent=Smp_076660.1
SM_V9_1 Liftoff exon    19553481        19553742        .       +
        .       Parent=Smp_076660.1
SM_V9_1 Liftoff exon    19556258        19556619        .       +
        .       Parent=Smp_076660.1
SM_V9_1 Liftoff exon    19557665        19557999        .       +
        .       Parent=Smp_076660.1
SM_V9_1 Liftoff exon    19562153        19563013        .       +
        .       Parent=Smp_076660.1
SM_V9_1 Liftoff CDS     19551954        19552214        .       +
        0       Parent=Smp_076660.1
SM_V9_1 Liftoff CDS     19553481        19553742        .       +
        0       Parent=Smp_076660.1
SM_V9_1 Liftoff CDS     19556258        19556619        .       +
        2       Parent=Smp_076660.1
SM_V9_1 Liftoff CDS     19557665        19557999        .       +
        0       Parent=Smp_076660.1
SM_V9_1 Liftoff CDS     19562153        19562546        .       +
        1       Parent=Smp_076660.1
SM_V9_1 iris    gene    19581164        19653995        .       +
        .
ID=Smp_163420;geneID=Smp_163420;gene_name=Smp_163420;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    19581164        19653995        .       +
        .
ID=Smp_163420.1;Parent=Smp_163420;geneID=Smp_163420;gene_name=Smp_16
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3420;owner=irisadmin@local.host;orig_id=Smp_163420.1;date_last_modif
ied=2022-07-19;Name=Smp_163420.1;product=Serine/threonine-protein
kinase mig-15;date_creation=2022-07-19
SM_V9_1 iris    exon    19581164        19581297        .       +
        .
Parent=Smp_163420.1;Name=c7369e7f-8d72-4a75-990a-5c64eec329f9
SM_V9_1 iris    exon    19586718        19587014        .       +
        .       Parent=Smp_163420.1;Name=b98ebc8c-
fbe9-444a-86a0-937ad6b6f8de
SM_V9_1 iris    exon    19587875        19587949        .       +
        .       Parent=Smp_163420.1;Name=5ffcad54-7fef-41b1-8cda-
a006d16e805b
SM_V9_1 iris    exon    19591551        19591599        .       +
        .       Parent=Smp_163420.1;Name=cb19c996-779f-49f3-
af97-31aa6d85f03e
SM_V9_1 iris    exon    19594287        19594348        .       +
        .       Parent=Smp_163420.1;Name=5bd26df6-e4ac-4b1b-
a98e-827331c1863e
SM_V9_1 iris    exon    19598766        19598856        .       +
        .       Parent=Smp_163420.1;Name=7563b8e4-43ef-46c8-
a4fd-0c294b44a03c
SM_V9_1 iris    exon    19602080        19602152        .       +
        .       Parent=Smp_163420.1;Name=65d68932-9615-4499-
af69-2e4e71b9a081
SM_V9_1 iris    exon    19607010        19607386        .       +
        .       Parent=Smp_163420.1;Name=e4fa95f6-6521-4499-b49e-
f769f3d75388
SM_V9_1 iris    exon    19610158        19610684        .       +
        .       Parent=Smp_163420.1;Name=0b58fdeb-2784-4c36-8bbf-
d29865b98893
SM_V9_1 iris    exon    19616474        19616884        .       +
        .       Parent=Smp_163420.1;Name=eeba2c43-7cbf-4f3b-9327-
ac06fc544608
SM_V9_1 iris    exon    19620217        19620558        .       +
        .       Parent=Smp_163420.1;Name=fa15e75c-6c93-41d6-9c87-
f12ca15b4169
SM_V9_1 iris    exon    19621695        19622052        .       +
        .       Parent=Smp_163420.1;Name=34ed2c44-b856-4bce-b2b4-
bd52c3aa048a
SM_V9_1 iris    exon    19625731        19625942        .       +
        .
Parent=Smp_163420.1;Name=5e2bf6fd-4b7a-4dc9-977c-87cc99124d03
SM_V9_1 iris    exon    19630775        19631814        .       +
        .
Parent=Smp_163420.1;Name=fcf681f4-6c12-4d14-8917-3a7a09cbe5ad
SM_V9_1 iris    exon    19635842        19635965        .       +
        .
Parent=Smp_163420.1;Name=551d39b7-1c8d-4066-9d22-76e017878530
SM_V9_1 iris    exon    19638665        19638809        .       +
        .       Parent=Smp_163420.1;Name=44020294-6d6d-4ad2-
b5ed-85680c8200db
SM_V9_1 iris    exon    19640781        19641100        .       +
        .       Parent=Smp_163420.1;Name=773d843c-4946-4f37-8bf6-
ed1f10301388
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SM_V9_1 iris    exon    19642605        19642995        .       +
        .       Parent=Smp_163420.1;Name=3ae3f056-18e8-4519-aa9e-
fca42172f5f0
SM_V9_1 iris    exon    19645352        19645497        .       +
        .
Parent=Smp_163420.1;Name=3d5fc486-12ac-444d-9786-8207c4b8724b
SM_V9_1 iris    exon    19646185        19646251        .       +
        .
Parent=Smp_163420.1;Name=0ae48b0c-0938-4f4d-8891-46149bcb01db
SM_V9_1 iris    exon    19648578        19648678        .       +
        .       Parent=Smp_163420.1;Name=ab825591-9839-4f23-be80-
ee4828a9b3d1
SM_V9_1 iris    exon    19650310        19650459        .       +
        .       Parent=Smp_163420.1;Name=4933e954-cbb7-4ee5-
ae9b-010b1fff4433
SM_V9_1 iris    exon    19651098        19651176        .       +
        .       Parent=Smp_163420.1;Name=d1d56fc3-0018-4079-b925-
fdf08cf4330b
SM_V9_1 iris    exon    19651667        19651887        .       +
        .       Parent=Smp_163420.1;Name=dbb747f7-f2ac-41b7-
a1e9-7d2bd89959a1
SM_V9_1 iris    exon    19652691        19653995        .       +
        .       Parent=Smp_163420.1;Name=ec9e9f26-
b3b9-4e54-8e42-080acf7fc589
SM_V9_1 iris    CDS     19586799        19587014        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19587875        19587949        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19591551        19591599        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19594287        19594348        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19598766        19598856        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19602080        19602152        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19607010        19607386        .       +
        1       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19610158        19610684        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19616474        19616884        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19620217        19620558        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19621695        19622052        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19625731        19625942        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19630775        19631814        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19635842        19635965        .       +
        1       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19638665        19638809        .       +
        0       Parent=Smp_163420.1
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SM_V9_1 iris    CDS     19640781        19641100        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19642605        19642995        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19645352        19645497        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19646185        19646251        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19648578        19648678        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19650310        19650459        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19651098        19651176        .       +
        0       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19651667        19651887        .       +
        2       Parent=Smp_163420.1
SM_V9_1 iris    CDS     19652691        19652762        .       +
        0       Parent=Smp_163420.1
SM_V9_1 Liftoff gene    19654828        19657790        .       -
        .       ID=Smp_163430;geneID=Smp_163430
SM_V9_1 Liftoff mRNA    19654828        19657790        .       -
        .
ID=Smp_163430.1;Parent=Smp_163430;geneID=Smp_163430;product=Cytoplas
mic 60S subunit biogenesis factor
SPCC550.15c;polypeptide_domain=InterPro:IPR013083,IPR013087,IPR02275
5 Pfam:PF12171,PF12756;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    19654828        19655257        .       -
        .       Parent=Smp_163430.1
SM_V9_1 Liftoff exon    19655844        19656405        .       -
        .       Parent=Smp_163430.1
SM_V9_1 Liftoff exon    19657201        19657304        .       -
        .       Parent=Smp_163430.1
SM_V9_1 Liftoff exon    19657338        19657790        .       -
        .       Parent=Smp_163430.1
SM_V9_1 Liftoff CDS     19654961        19655257        .       -
        0       Parent=Smp_163430.1
SM_V9_1 Liftoff CDS     19655844        19656405        .       -
        1       Parent=Smp_163430.1
SM_V9_1 Liftoff CDS     19657201        19657304        .       -
        0       Parent=Smp_163430.1
SM_V9_1 Liftoff CDS     19657338        19657520        .       -
        0       Parent=Smp_163430.1
SM_V9_1 Liftoff gene    19678964        19710648        .       +
        .
ID=Smp_307220;geneID=Smp_307220;previous_systematic_id=Smp_163630
SM_V9_1 Liftoff mRNA    19678964        19710648        .       +
        .
ID=Smp_307220.1;Parent=Smp_307220;geneID=Smp_307220;product=MEG-4
(10.3) family;evidence=Traceable Author
Statement;literature=PMID:20606017
SM_V9_1 Liftoff exon    19678964        19679049        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19680220        19680241        .       +
        .       Parent=Smp_307220.1
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SM_V9_1 Liftoff exon    19682472        19682489        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19685121        19685138        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19688001        19688024        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19689181        19689204        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19689493        19689516        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19692761        19692787        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19694339        19694365        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19695315        19695341        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19696777        19696803        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19700253        19700279        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19701233        19701259        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19702091        19702111        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19703412        19703432        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19703987        19704007        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19705601        19705621        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19706349        19706371        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff exon    19709758        19710648        .       +
        .       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19678995        19679049        .       +
        0       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19680220        19680241        .       +
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SM_V9_1 Liftoff CDS     19682472        19682489        .       +
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SM_V9_1 Liftoff CDS     19685121        19685138        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19688001        19688024        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19689181        19689204        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19689493        19689516        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19692761        19692787        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19694339        19694365        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19695315        19695341        .       +
        1       Parent=Smp_307220.1
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SM_V9_1 Liftoff CDS     19696777        19696803        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19700253        19700279        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19701233        19701259        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19702091        19702111        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19703412        19703432        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19703987        19704007        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19705601        19705621        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19706349        19706371        .       +
        1       Parent=Smp_307220.1
SM_V9_1 Liftoff CDS     19709758        19709825        .       +
        2       Parent=Smp_307220.1
SM_V9_1 Liftoff mRNA    19678964        19710648        .       +
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ID=Smp_307220.2;Parent=Smp_307220;geneID=Smp_307220;product=MEG-4
(10.3) family;evidence=Traceable Author
Statement;literature=PMID:20606017
SM_V9_1 Liftoff exon    19678964        19679049        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19680220        19680241        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19682472        19682489        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19685121        19685138        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19688001        19688024        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19689181        19689204        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19689493        19689516        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19692761        19692787        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19694339        19694365        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19695315        19695341        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19696777        19696803        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19697297        19697323        .       +
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SM_V9_1 Liftoff exon    19698271        19698297        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19699733        19699759        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19700253        19700279        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19701233        19701259        .       +
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SM_V9_1 Liftoff exon    19702091        19702111        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19703412        19703432        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19703987        19704007        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19705601        19705621        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19706349        19706371        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff exon    19709758        19710648        .       +
        .       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19678995        19679049        .       +
        0       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19680220        19680241        .       +
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SM_V9_1 Liftoff CDS     19682472        19682489        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19685121        19685138        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19688001        19688024        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19689181        19689204        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19689493        19689516        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19692761        19692787        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19694339        19694365        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19695315        19695341        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19696777        19696803        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19697297        19697323        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19698271        19698297        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19699733        19699759        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19700253        19700279        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19701233        19701259        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19702091        19702111        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19703412        19703432        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19703987        19704007        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19705601        19705621        .       +
        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19706349        19706371        .       +
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        1       Parent=Smp_307220.2
SM_V9_1 Liftoff CDS     19709758        19709825        .       +
        2       Parent=Smp_307220.2
SM_V9_1 Liftoff mRNA    19678964        19710648        .       +
        .
ID=Smp_307220.3;Parent=Smp_307220;geneID=Smp_307220;product=MEG-4
(10.3) family;evidence=Traceable Author
Statement;literature=PMID:20606017
SM_V9_1 Liftoff exon    19678964        19679049        .       +
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SM_V9_1 Liftoff exon    19680220        19680241        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19682472        19682489        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19685121        19685138        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19688001        19688024        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19689181        19689204        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19689493        19689516        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19692761        19692787        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19696777        19696803        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19697297        19697323        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19698271        19698297        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19699733        19699759        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19700253        19700279        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19701233        19701259        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19702091        19702111        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19703412        19703432        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19703987        19704007        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19705601        19705621        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19706349        19706371        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff exon    19709758        19710648        .       +
        .       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19678995        19679049        .       +
        0       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19680220        19680241        .       +
        2       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19682472        19682489        .       +
        1       Parent=Smp_307220.3
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SM_V9_1 Liftoff CDS     19685121        19685138        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19688001        19688024        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19689181        19689204        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19689493        19689516        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19692761        19692787        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19696777        19696803        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19697297        19697323        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19698271        19698297        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19699733        19699759        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19700253        19700279        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19701233        19701259        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19702091        19702111        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19703412        19703432        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19703987        19704007        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19705601        19705621        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19706349        19706371        .       +
        1       Parent=Smp_307220.3
SM_V9_1 Liftoff CDS     19709758        19709825        .       +
        2       Parent=Smp_307220.3
SM_V9_1 iris    gene    19709974        19719840        .       -
        .
ID=Smp_163640;geneID=Smp_163640;gene_name=Smp_163640;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    19709974        19719840        .       -
        .
ID=Smp_163640.1;Parent=Smp_163640;geneID=Smp_163640;gene_name=Smp_16
3640;owner=irisadmin@local.host;orig_id=Smp_163640.1;date_last_modif
ied=2022-07-19;Name=Smp_163640.1;product=Phosphatidylinositol N-
acetylglucosaminyltransferase subunit P;date_creation=2022-07-19
SM_V9_1 iris    exon    19709974        19710618        .       -
        .       Parent=Smp_163640.1;Name=ee3cb562-
acd0-4ea6-977f-055f1670ecdb
SM_V9_1 iris    exon    19711746        19711864        .       -
        .       Parent=Smp_163640.1;Name=c09a1869-8e4c-431a-
a958-02ef1efa08fe
SM_V9_1 iris    exon    19714602        19714674        .       -
        .       Parent=Smp_163640.1;Name=34c0109b-3907-4363-
ae58-13327dfcac79
SM_V9_1 iris    exon    19718812        19718985        .       -
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SM_V9_1 iris    exon    19719795        19719840        .       -
        .       Parent=Smp_163640.1;Name=f7064191-661b-4b36-9913-
aec0b69dc888
SM_V9_1 iris    CDS     19710398        19710618        .       -
        2       Parent=Smp_163640.1
SM_V9_1 iris    CDS     19711746        19711864        .       -
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SM_V9_1 iris    CDS     19714602        19714674        .       -
        2       Parent=Smp_163640.1
SM_V9_1 iris    CDS     19718812        19718956        .       -
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SM_V9_1 Liftoff gene    19729880        19742350        .       -
        .       ID=Smp_077030;geneID=Smp_077030
SM_V9_1 Liftoff mRNA    19729880        19742350        .       -
        .
ID=Smp_077030.1;Parent=Smp_077030;geneID=Smp_077030;product=Serine/
threonine-protein phosphatase 2A regulatory subunit B'' subunit
gamma;polypeptide_domain=InterPro:IPR011992,IPR018247
SM_V9_1 Liftoff exon    19729880        19730155        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19730962        19731227        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19732090        19732165        .       -
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SM_V9_1 Liftoff exon    19737861        19738141        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19739349        19739565        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19740557        19740669        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19740705        19740759        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19740794        19740843        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19740882        19740982        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff exon    19741021        19742350        .       -
        .       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19730047        19730155        .       -
        1       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19730962        19731227        .       -
        0       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19732090        19732165        .       -
        1       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19737861        19738141        .       -
        0       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19739349        19739565        .       -
        1       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19740557        19740669        .       -
        0       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19740705        19740759        .       -
        1       Parent=Smp_077030.1
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SM_V9_1 Liftoff CDS     19740794        19740843        .       -
        0       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19740882        19740982        .       -
        2       Parent=Smp_077030.1
SM_V9_1 Liftoff CDS     19741021        19741030        .       -
        0       Parent=Smp_077030.1
SM_V9_1 Liftoff gene    19761663        19768538        .       -
        .       ID=Smp_243780;geneID=Smp_243780
SM_V9_1 Liftoff mRNA    19761663        19768538        .       -
        .
ID=Smp_243780.1;Parent=Smp_243780;geneID=Smp_243780;product=MEG-30
protein;evidence=Traceable Author Statement;literature=PMID:26642053
SM_V9_1 Liftoff exon    19761663        19764092        .       -
        .       Parent=Smp_243780.1
SM_V9_1 Liftoff exon    19765311        19765343        .       -
        .       Parent=Smp_243780.1
SM_V9_1 Liftoff exon    19766815        19766842        .       -
        .       Parent=Smp_243780.1
SM_V9_1 Liftoff exon    19768004        19768024        .       -
        .       Parent=Smp_243780.1
SM_V9_1 Liftoff exon    19768469        19768538        .       -
        .       Parent=Smp_243780.1
SM_V9_1 Liftoff CDS     19764068        19764092        .       -
        1       Parent=Smp_243780.1
SM_V9_1 Liftoff CDS     19765311        19765343        .       -
        1       Parent=Smp_243780.1
SM_V9_1 Liftoff CDS     19766815        19766842        .       -
        2       Parent=Smp_243780.1
SM_V9_1 Liftoff CDS     19768004        19768024        .       -
        2       Parent=Smp_243780.1
SM_V9_1 Liftoff CDS     19768469        19768538        .       -
        0       Parent=Smp_243780.1
SM_V9_1 Liftoff gene    19779114        19805347        .       -
        .
ID=Smp_307240;geneID=Smp_307240;previous_systematic_id=Smp_163630
SM_V9_1 Liftoff mRNA    19779114        19805347        .       -
        .
ID=Smp_307240.1;Parent=Smp_307240;geneID=Smp_307240;product=MEG-4
(10.3) family;evidence=Traceable Author
Statement;literature=PMID:20606017
SM_V9_1 Liftoff exon    19779114        19779346        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19782734        19782756        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19783484        19783504        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19785098        19785118        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19785673        19785693        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19786994        19787014        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19787975        19788001        .       -
        .       Parent=Smp_307240.1
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SM_V9_1 Liftoff exon    19788959        19788985        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19789479        19789505        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19791503        19791529        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19792715        19792741        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19795306        19795329        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19795613        19795636        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19796745        19796768        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19798209        19798232        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19799811        19799840        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19801678        19801707        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19803041        19803062        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff exon    19805244        19805347        .       -
        .       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19779279        19779346        .       -
        2       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19782734        19782756        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19783484        19783504        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19785098        19785118        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19785673        19785693        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19786994        19787014        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19787975        19788001        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19788959        19788985        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19789479        19789505        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19791503        19791529        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19792715        19792741        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19795306        19795329        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19795613        19795636        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19796745        19796768        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19798209        19798232        .       -
        1       Parent=Smp_307240.1
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SM_V9_1 Liftoff CDS     19799811        19799840        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19801678        19801707        .       -
        1       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19803041        19803062        .       -
        2       Parent=Smp_307240.1
SM_V9_1 Liftoff CDS     19805244        19805298        .       -
        0       Parent=Smp_307240.1
SM_V9_1 Liftoff gene    19825054        19831129        .       +
        .       ID=Smp_077020;geneID=Smp_077020
SM_V9_1 Liftoff mRNA    19825054        19831129        .       +
        .
ID=Smp_077020.1;Parent=Smp_077020;geneID=Smp_077020;product=Probable
dimethyladenosine
transferase;polypeptide_domain=InterPro:IPR001737,IPR011530,IPR02059
6,IPR020598,IPR029063
Pfam:PF00398;Ontology_term=GO:0000154,GO:0000179,GO:0006364,GO:00086
49
SM_V9_1 Liftoff exon    19825054        19826260        .       +
        .       Parent=Smp_077020.1
SM_V9_1 Liftoff exon    19828629        19828899        .       +
        .       Parent=Smp_077020.1
SM_V9_1 Liftoff exon    19830640        19831129        .       +
        .       Parent=Smp_077020.1
SM_V9_1 Liftoff CDS     19825989        19826260        .       +
        0       Parent=Smp_077020.1
SM_V9_1 Liftoff CDS     19828629        19828899        .       +
        1       Parent=Smp_077020.1
SM_V9_1 Liftoff CDS     19830640        19831038        .       +
        0       Parent=Smp_077020.1
SM_V9_1 Liftoff gene    19832237        19839718        .       -
        .       ID=Smp_077000;geneID=Smp_077000
SM_V9_1 Liftoff mRNA    19832237        19839718        .       -
        .
ID=Smp_077000.1;Parent=Smp_077000;geneID=Smp_077000;product=Glyceral
dehyde-3-phosphate dehydrogenase, chloroplastic
SM_V9_1 Liftoff exon    19832237        19834785        .       -
        .       Parent=Smp_077000.1
SM_V9_1 Liftoff exon    19834945        19834999        .       -
        .       Parent=Smp_077000.1
SM_V9_1 Liftoff exon    19835036        19839718        .       -
        .       Parent=Smp_077000.1
SM_V9_1 Liftoff CDS     19834772        19834785        .       -
        2       Parent=Smp_077000.1
SM_V9_1 Liftoff CDS     19834945        19834999        .       -
        0       Parent=Smp_077000.1
SM_V9_1 Liftoff CDS     19835036        19835143        .       -
        0       Parent=Smp_077000.1
SM_V9_1 Liftoff gene    19843494        19859368        .       +
        .       ID=Smp_076990;geneID=Smp_076990
SM_V9_1 Liftoff mRNA    19843494        19859368        .       +
        .
ID=Smp_076990.1;Parent=Smp_076990;geneID=Smp_076990;product=Protein
TSSC1;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR0
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19775 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    19843494        19845102        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19847233        19847418        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19848671        19848806        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19850534        19850732        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19852121        19852192        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19853276        19853566        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19854067        19854340        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19856258        19856472        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff exon    19859013        19859368        .       +
        .       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19845058        19845102        .       +
        0       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19847233        19847418        .       +
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SM_V9_1 Liftoff CDS     19848671        19848806        .       +
        0       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19850534        19850732        .       +
        2       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19852121        19852192        .       +
        1       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19853276        19853566        .       +
        1       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19854067        19854340        .       +
        1       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19856258        19856472        .       +
        0       Parent=Smp_076990.1
SM_V9_1 Liftoff CDS     19859013        19859190        .       +
        1       Parent=Smp_076990.1
SM_V9_1 Liftoff mRNA    19843494        19859368        .       +
        .
ID=Smp_076990.2;Parent=Smp_076990;geneID=Smp_076990;product=Protein
TSSC1;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR0
19775 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    19843494        19845102        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff exon    19847233        19847418        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff exon    19848671        19848806        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff exon    19850534        19850732        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff exon    19852121        19852192        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff exon    19853276        19853566        .       +
        .       Parent=Smp_076990.2
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SM_V9_1 Liftoff exon    19854067        19854340        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff exon    19856258        19856472        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff exon    19859013        19859368        .       +
        .       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19845058        19845102        .       +
        0       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19847233        19847418        .       +
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SM_V9_1 Liftoff CDS     19848671        19848806        .       +
        0       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19850534        19850732        .       +
        2       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19852121        19852192        .       +
        1       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19853276        19853566        .       +
        1       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19854067        19854340        .       +
        1       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19856258        19856472        .       +
        0       Parent=Smp_076990.2
SM_V9_1 Liftoff CDS     19859013        19859190        .       +
        1       Parent=Smp_076990.2
SM_V9_1 Liftoff mRNA    19843494        19859368        .       +
        .
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SM_V9_1 Liftoff exon    19843494        19850732        .       +
        .       Parent=Smp_076990.3
SM_V9_1 Liftoff exon    19852121        19852192        .       +
        .       Parent=Smp_076990.3
SM_V9_1 Liftoff exon    19853276        19853566        .       +
        .       Parent=Smp_076990.3
SM_V9_1 Liftoff exon    19854067        19854340        .       +
        .       Parent=Smp_076990.3
SM_V9_1 Liftoff exon    19856258        19856472        .       +
        .       Parent=Smp_076990.3
SM_V9_1 Liftoff exon    19859013        19859368        .       +
        .       Parent=Smp_076990.3
SM_V9_1 Liftoff CDS     19850617        19850732        .       +
        0       Parent=Smp_076990.3
SM_V9_1 Liftoff CDS     19852121        19852192        .       +
        1       Parent=Smp_076990.3
SM_V9_1 Liftoff CDS     19853276        19853566        .       +
        1       Parent=Smp_076990.3
SM_V9_1 Liftoff CDS     19854067        19854340        .       +
        1       Parent=Smp_076990.3
SM_V9_1 Liftoff CDS     19856258        19856472        .       +
        0       Parent=Smp_076990.3
SM_V9_1 Liftoff CDS     19859013        19859190        .       +
        1       Parent=Smp_076990.3
SM_V9_1 Liftoff mRNA    19843508        19859355        .       +
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        .       Parent=Smp_076990.4
SM_V9_1 Liftoff exon    19852121        19852192        .       +
        .       Parent=Smp_076990.4
SM_V9_1 Liftoff exon    19853276        19853566        .       +
        .       Parent=Smp_076990.4
SM_V9_1 Liftoff exon    19854067        19854340        .       +
        .       Parent=Smp_076990.4
SM_V9_1 Liftoff exon    19856258        19856472        .       +
        .       Parent=Smp_076990.4
SM_V9_1 Liftoff exon    19859013        19859355        .       +
        .       Parent=Smp_076990.4
SM_V9_1 Liftoff CDS     19850617        19850732        .       +
        0       Parent=Smp_076990.4
SM_V9_1 Liftoff CDS     19852121        19852192        .       +
        1       Parent=Smp_076990.4
SM_V9_1 Liftoff CDS     19853276        19853566        .       +
        1       Parent=Smp_076990.4
SM_V9_1 Liftoff CDS     19854067        19854340        .       +
        1       Parent=Smp_076990.4
SM_V9_1 Liftoff CDS     19856258        19856472        .       +
        0       Parent=Smp_076990.4
SM_V9_1 Liftoff CDS     19859013        19859190        .       +
        1       Parent=Smp_076990.4
SM_V9_1 iris    gene    19859419        19902022        .       -
        .
ID=Smp_163620;geneID=Smp_163620;gene_name=Smp_163620;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    19859419        19902022        .       -
        .
ID=Smp_163620.1;Parent=Smp_163620;geneID=Smp_163620;gene_name=Smp_16
3620;owner=irisadmin@local.host;orig_id=Smp_163620.1;date_last_modif
ied=2022-07-19;Name=Smp_163620.1;product=Putative DNA helicase
Ino80;date_creation=2022-07-19
SM_V9_1 iris    exon    19859419        19859994        .       -
        .       Parent=Smp_163620.1;Name=285972b6-f939-4b17-
a795-1c042e9a5489
SM_V9_1 iris    exon    19860400        19860652        .       -
        .       Parent=Smp_163620.1;Name=af14ed3e-25ba-4fb7-9cc4-
b92a979d431b
SM_V9_1 iris    exon    19861251        19861468        .       -
        .       Parent=Smp_163620.1;Name=223ca5fa-c5e5-4c4e-
a24e-8b75029e5abe
SM_V9_1 iris    exon    19866144        19866395        .       -
        .       Parent=Smp_163620.1;Name=45a08b3a-8a59-454d-
ad59-23384e816ec0
SM_V9_1 iris    exon    19868552        19868794        .       -
        .       Parent=Smp_163620.1;Name=8abdca60-
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SM_V9_1 iris    exon    19871939        19872321        .       -
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Parent=Smp_163620.1;Name=4ca6f12b-8282-4ce3-914f-9993f491777a
SM_V9_1 iris    exon    19874300        19874539        .       -
        .       Parent=Smp_163620.1;Name=ef2724d1-a101-4a7f-bed2-
f2ea8bd6d7d8
SM_V9_1 iris    exon    19875368        19875755        .       -
        .       Parent=Smp_163620.1;Name=dcece6a5-e7e0-4b73-
ab0a-88e171f22582
SM_V9_1 iris    exon    19876572        19876838        .       -
        .       Parent=Smp_163620.1;Name=fba6fc6b-7f7d-43fd-
be88-3b570b076c47
SM_V9_1 iris    exon    19879441        19879525        .       -
        .
Parent=Smp_163620.1;Name=28e419f4-307d-420b-869f-22540b8491cd
SM_V9_1 iris    exon    19880904        19881253        .       -
        .       Parent=Smp_163620.1;Name=7896aae0-0f5d-4f89-ab0f-
ba68869bfb48
SM_V9_1 iris    exon    19885762        19886013        .       -
        .       Parent=Smp_163620.1;Name=4c482681-5e37-4d09-b2e9-
b70f654f6ff1
SM_V9_1 iris    exon    19888065        19888132        .       -
        .       Parent=Smp_163620.1;Name=1e7d30ac-6b5c-48a0-
bc6e-9187656707a9
SM_V9_1 iris    exon    19889346        19890065        .       -
        .       Parent=Smp_163620.1;Name=bd4581d5-e187-4e5c-
a725-2ff905099ec0
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        .       Parent=Smp_163620.1;Name=98de1ff2-56d3-4d00-8810-
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        .
Parent=Smp_163620.1;Name=d6fd105e-1260-488f-8802-515fda547687
SM_V9_1 iris    exon    19899173        19899231        .       -
        .       Parent=Smp_163620.1;Name=59ee9ad3-b940-471e-9ccc-
b016d778df1f
SM_V9_1 iris    exon    19901856        19902022        .       -
        .       Parent=Smp_163620.1;Name=f279c3c3-4526-4323-bc37-
d7bbe1dbf5db
SM_V9_1 iris    CDS     19859857        19859994        .       -
        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19860400        19860652        .       -
        1       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19861251        19861468        .       -
        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19866144        19866395        .       -
        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19868552        19868794        .       -
        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19871939        19872321        .       -
        2       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19874300        19874539        .       -
        2       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19875368        19875755        .       -
        0       Parent=Smp_163620.1
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SM_V9_1 iris    CDS     19876572        19876838        .       -
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        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19885762        19886013        .       -
        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19888065        19888132        .       -
        2       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19889346        19890065        .       -
        2       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19895028        19895547        .       -
        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19896551        19896901        .       -
        0       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19899173        19899231        .       -
        2       Parent=Smp_163620.1
SM_V9_1 iris    CDS     19901856        19901928        .       -
        0       Parent=Smp_163620.1
SM_V9_1 Liftoff gene    19908016        19912198        .       +
        .       ID=Smp_163610;geneID=Smp_163610
SM_V9_1 Liftoff mRNA    19908016        19912198        .       +
        .
ID=Smp_163610.1;Parent=Smp_163610;geneID=Smp_163610;product=Glutathi
one S-transferase class-mu 26 kDa isozyme;literature=PMID:1693415
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87,IPR012336 Pfam:PF02798,PF14497;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    19908016        19908121        .       +
        .       Parent=Smp_163610.1
SM_V9_1 Liftoff exon    19910759        19910884        .       +
        .       Parent=Smp_163610.1
SM_V9_1 Liftoff exon    19910924        19911005        .       +
        .       Parent=Smp_163610.1
SM_V9_1 Liftoff exon    19911036        19911136        .       +
        .       Parent=Smp_163610.1
SM_V9_1 Liftoff exon    19911169        19911264        .       +
        .       Parent=Smp_163610.1
SM_V9_1 Liftoff exon    19911835        19911945        .       +
        .       Parent=Smp_163610.1
SM_V9_1 Liftoff exon    19912023        19912198        .       +
        .       Parent=Smp_163610.1
SM_V9_1 Liftoff CDS     19908086        19908121        .       +
        0       Parent=Smp_163610.1
SM_V9_1 Liftoff CDS     19910759        19910884        .       +
        0       Parent=Smp_163610.1
SM_V9_1 Liftoff CDS     19910924        19911005        .       +
        0       Parent=Smp_163610.1
SM_V9_1 Liftoff CDS     19911036        19911136        .       +
        2       Parent=Smp_163610.1
SM_V9_1 Liftoff CDS     19911169        19911264        .       +
        0       Parent=Smp_163610.1
SM_V9_1 Liftoff CDS     19911835        19911945        .       +
        0       Parent=Smp_163610.1
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SM_V9_1 Liftoff CDS     19912023        19912127        .       +
        0       Parent=Smp_163610.1
SM_V9_1 Liftoff gene    19927877        19978352        .       -
        .       ID=Smp_076960;geneID=Smp_076960
SM_V9_1 Liftoff mRNA    19927877        19978352        .       -
        .
ID=Smp_076960.1;Parent=Smp_076960;geneID=Smp_076960;product=Protein
FAM102B;polypeptide_domain=InterPro:IPR019448 Pfam:PF10358
SM_V9_1 Liftoff exon    19927877        19946308        .       -
        .       Parent=Smp_076960.1
SM_V9_1 Liftoff exon    19959531        19959988        .       -
        .       Parent=Smp_076960.1
SM_V9_1 Liftoff exon    19976052        19976251        .       -
        .       Parent=Smp_076960.1
SM_V9_1 Liftoff exon    19977882        19978002        .       -
        .       Parent=Smp_076960.1
SM_V9_1 Liftoff exon    19978033        19978352        .       -
        .       Parent=Smp_076960.1
SM_V9_1 Liftoff CDS     19945362        19946308        .       -
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SM_V9_1 Liftoff CDS     19959531        19959988        .       -
        1       Parent=Smp_076960.1
SM_V9_1 Liftoff CDS     19976052        19976251        .       -
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        1       Parent=Smp_076960.1
SM_V9_1 Liftoff CDS     19978033        19978193        .       -
        0       Parent=Smp_076960.1
SM_V9_1 Liftoff gene    19995213        20014602        .       -
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SM_V9_1 Liftoff mRNA    19995213        20014602        .       -
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terized membrane protein
YBR220C;polypeptide_domain=InterPro:IPR020846,IPR024371
Pfam:PF13000;Ontology_term=GO:0008521,GO:0016021
SM_V9_1 Liftoff exon    19995213        19995967        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff exon    19997936        19998171        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff exon    19999104        19999408        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff exon    20002727        20002911        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff exon    20005075        20005511        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff exon    20006632        20006789        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff exon    20009124        20009521        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff exon    20010838        20014602        .       -
        .       Parent=Smp_076950.1
SM_V9_1 Liftoff CDS     19995734        19995967        .       -
        0       Parent=Smp_076950.1
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SM_V9_1 Liftoff CDS     19997936        19998171        .       -
        2       Parent=Smp_076950.1
SM_V9_1 Liftoff CDS     19999104        19999408        .       -
        1       Parent=Smp_076950.1
SM_V9_1 Liftoff CDS     20002727        20002911        .       -
        0       Parent=Smp_076950.1
SM_V9_1 Liftoff CDS     20005075        20005511        .       -
        2       Parent=Smp_076950.1
SM_V9_1 Liftoff CDS     20006632        20006789        .       -
        1       Parent=Smp_076950.1
SM_V9_1 Liftoff CDS     20009124        20009521        .       -
        0       Parent=Smp_076950.1
SM_V9_1 Liftoff CDS     20010838        20010969        .       -
        0       Parent=Smp_076950.1
SM_V9_1 Liftoff gene    20047807        20066932        .       -
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SM_V9_1 Liftoff mRNA    20047807        20066932        .       -
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ID=Smp_163600.1;Parent=Smp_163600;geneID=Smp_163600;product=LIM/
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Lhx1;polypeptide_domain=InterPro:IPR001356,IPR001781,IPR009057,IPR01
7970
Pfam:PF00046,PF00412;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    20047807        20050069        .       -
        .       Parent=Smp_163600.1
SM_V9_1 Liftoff exon    20056433        20056709        .       -
        .       Parent=Smp_163600.1
SM_V9_1 Liftoff exon    20059312        20059978        .       -
        .       Parent=Smp_163600.1
SM_V9_1 Liftoff exon    20062691        20063027        .       -
        .       Parent=Smp_163600.1
SM_V9_1 Liftoff exon    20066649        20066932        .       -
        .       Parent=Smp_163600.1
SM_V9_1 Liftoff CDS     20049909        20050069        .       -
        2       Parent=Smp_163600.1
SM_V9_1 Liftoff CDS     20056433        20056709        .       -
        0       Parent=Smp_163600.1
SM_V9_1 Liftoff CDS     20059312        20059978        .       -
        1       Parent=Smp_163600.1
SM_V9_1 Liftoff CDS     20062691        20063027        .       -
        2       Parent=Smp_163600.1
SM_V9_1 Liftoff CDS     20066649        20066688        .       -
        0       Parent=Smp_163600.1
SM_V9_1 Liftoff mRNA    20047807        20066932        .       -
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ID=Smp_163600.2;Parent=Smp_163600;geneID=Smp_163600;product=LIM/
homeobox protein
Lhx1;polypeptide_domain=InterPro:IPR001356,IPR001781,IPR009057,IPR01
7970
Pfam:PF00046,PF00412;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    20047807        20050069        .       -
        .       Parent=Smp_163600.2
SM_V9_1 Liftoff exon    20056433        20056709        .       -
        .       Parent=Smp_163600.2
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SM_V9_1 Liftoff exon    20059312        20059978        .       -
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SM_V9_1 Liftoff exon    20062691        20063024        .       -
        .       Parent=Smp_163600.2
SM_V9_1 Liftoff exon    20066649        20066932        .       -
        .       Parent=Smp_163600.2
SM_V9_1 Liftoff CDS     20049909        20050069        .       -
        2       Parent=Smp_163600.2
SM_V9_1 Liftoff CDS     20056433        20056709        .       -
        0       Parent=Smp_163600.2
SM_V9_1 Liftoff CDS     20059312        20059978        .       -
        1       Parent=Smp_163600.2
SM_V9_1 Liftoff CDS     20062691        20063024        .       -
        2       Parent=Smp_163600.2
SM_V9_1 Liftoff CDS     20066649        20066688        .       -
        0       Parent=Smp_163600.2
SM_V9_1 Liftoff mRNA    20047807        20066932        .       -
        .
ID=Smp_163600.3;Parent=Smp_163600;geneID=Smp_163600;product=LIM/
homeobox protein
Lhx1;polypeptide_domain=InterPro:IPR001356,IPR001781,IPR009057,IPR01
7970
Pfam:PF00046,PF00412;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    20047807        20051277        .       -
        .       Parent=Smp_163600.3
SM_V9_1 Liftoff exon    20056433        20056709        .       -
        .       Parent=Smp_163600.3
SM_V9_1 Liftoff exon    20059312        20059978        .       -
        .       Parent=Smp_163600.3
SM_V9_1 Liftoff exon    20062691        20063027        .       -
        .       Parent=Smp_163600.3
SM_V9_1 Liftoff exon    20066649        20066932        .       -
        .       Parent=Smp_163600.3
SM_V9_1 Liftoff CDS     20051264        20051277        .       -
        2       Parent=Smp_163600.3
SM_V9_1 Liftoff CDS     20056433        20056709        .       -
        0       Parent=Smp_163600.3
SM_V9_1 Liftoff CDS     20059312        20059978        .       -
        1       Parent=Smp_163600.3
SM_V9_1 Liftoff CDS     20062691        20063027        .       -
        2       Parent=Smp_163600.3
SM_V9_1 Liftoff CDS     20066649        20066688        .       -
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SM_V9_1 Liftoff gene    20072256        20082036        .       +
        .       ID=Smp_076930;geneID=Smp_076930
SM_V9_1 Liftoff mRNA    20072256        20082036        .       +
        .
ID=Smp_076930.1;Parent=Smp_076930;geneID=Smp_076930;product=MORN
repeat-containing protein 2;polypeptide_domain=InterPro:IPR003409
Pfam:PF02493
SM_V9_1 Liftoff exon    20072256        20072651        .       +
        .       Parent=Smp_076930.1
SM_V9_1 Liftoff exon    20081784        20082036        .       +
        .       Parent=Smp_076930.1
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SM_V9_1 Liftoff CDS     20072281        20072651        .       +
        0       Parent=Smp_076930.1
SM_V9_1 Liftoff CDS     20081784        20082000        .       +
        1       Parent=Smp_076930.1
SM_V9_1 Liftoff gene    20082156        20101755        .       +
        .       ID=Smp_163590;geneID=Smp_163590
SM_V9_1 Liftoff mRNA    20082156        20082791        .       +
        .
ID=Smp_163590.3;Parent=Smp_163590;geneID=Smp_163590;product=MORN
repeat-containing protein 2
SM_V9_1 Liftoff exon    20082156        20082791        .       +
        .       Parent=Smp_163590.3
SM_V9_1 Liftoff CDS     20082540        20082755        .       +
        0       Parent=Smp_163590.3
SM_V9_1 Liftoff mRNA    20082156        20101755        .       +
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ID=Smp_163590.1;Parent=Smp_163590;geneID=Smp_163590;product=Fibrous
sheath-interacting protein 1;polypeptide_domain=InterPro:IPR026246
Pfam:PF15554
SM_V9_1 Liftoff exon    20082156        20084821        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff exon    20086412        20086670        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff exon    20088874        20089038        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff exon    20091469        20091602        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff exon    20093041        20093181        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff exon    20095280        20095636        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff exon    20097073        20097201        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff exon    20101570        20101755        .       +
        .       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20084786        20084821        .       +
        0       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20086412        20086670        .       +
        0       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20088874        20089038        .       +
        2       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20091469        20091602        .       +
        2       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20093041        20093181        .       +
        0       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20095280        20095636        .       +
        0       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20097073        20097201        .       +
        0       Parent=Smp_163590.1
SM_V9_1 Liftoff CDS     20101570        20101677        .       +
        0       Parent=Smp_163590.1
SM_V9_1 Liftoff mRNA    20082916        20101755        .       +
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ID=Smp_163590.2;Parent=Smp_163590;geneID=Smp_163590;product=Fibrous
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sheath-interacting protein 1;polypeptide_domain=InterPro:IPR026246
Pfam:PF15554
SM_V9_1 Liftoff exon    20082916        20084821        .       +
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SM_V9_1 Liftoff exon    20086412        20086670        .       +
        .       Parent=Smp_163590.2
SM_V9_1 Liftoff exon    20088874        20089038        .       +
        .       Parent=Smp_163590.2
SM_V9_1 Liftoff exon    20091469        20091602        .       +
        .       Parent=Smp_163590.2
SM_V9_1 Liftoff exon    20093041        20093181        .       +
        .       Parent=Smp_163590.2
SM_V9_1 Liftoff exon    20095280        20095636        .       +
        .       Parent=Smp_163590.2
SM_V9_1 Liftoff exon    20097073        20097201        .       +
        .       Parent=Smp_163590.2
SM_V9_1 Liftoff exon    20101570        20101755        .       +
        .       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20084786        20084821        .       +
        0       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20086412        20086670        .       +
        0       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20088874        20089038        .       +
        2       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20091469        20091602        .       +
        2       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20093041        20093181        .       +
        0       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20095280        20095636        .       +
        0       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20097073        20097201        .       +
        0       Parent=Smp_163590.2
SM_V9_1 Liftoff CDS     20101570        20101677        .       +
        0       Parent=Smp_163590.2
SM_V9_1 Liftoff gene    20114696        20120462        .       -
        .       ID=Smp_076910;geneID=Smp_076910
SM_V9_1 Liftoff mRNA    20114696        20120462        .       -
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ID=Smp_076910.1;Parent=Smp_076910;geneID=Smp_076910;product=Tetratri
copeptide repeat protein 19,
mitochondrial;polypeptide_domain=InterPro:IPR011990;Ontology_term=GO
:0005515
SM_V9_1 Liftoff exon    20114696        20115649        .       -
        .       Parent=Smp_076910.1
SM_V9_1 Liftoff exon    20118087        20120462        .       -
        .       Parent=Smp_076910.1
SM_V9_1 Liftoff CDS     20115172        20115649        .       -
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SM_V9_1 Liftoff CDS     20118087        20118502        .       -
        0       Parent=Smp_076910.1
SM_V9_1 Liftoff mRNA    20114696        20120462        .       -
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copeptide repeat protein 19,
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mitochondrial;polypeptide_domain=InterPro:IPR011990;Ontology_term=GO
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SM_V9_1 Liftoff exon    20118087        20118662        .       -
        .       Parent=Smp_076910.2
SM_V9_1 Liftoff exon    20120259        20120462        .       -
        .       Parent=Smp_076910.2
SM_V9_1 Liftoff CDS     20115172        20115649        .       -
        1       Parent=Smp_076910.2
SM_V9_1 Liftoff CDS     20118087        20118662        .       -
        1       Parent=Smp_076910.2
SM_V9_1 Liftoff CDS     20120259        20120311        .       -
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SM_V9_1 Liftoff mRNA    20114696        20120462        .       -
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ID=Smp_076910.3;Parent=Smp_076910;geneID=Smp_076910;product=Tetratri
copeptide repeat protein 19,
mitochondrial;polypeptide_domain=InterPro:IPR011990;Ontology_term=GO
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SM_V9_1 Liftoff exon    20118087        20120462        .       -
        .       Parent=Smp_076910.3
SM_V9_1 Liftoff CDS     20115172        20115649        .       -
        1       Parent=Smp_076910.3
SM_V9_1 Liftoff CDS     20118087        20118712        .       -
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SM_V9_1 Liftoff gene    20130556        20136356        .       +
        .       ID=Smp_163580;geneID=Smp_163580
SM_V9_1 Liftoff mRNA    20130556        20136356        .       +
        .
ID=Smp_163580.1;Parent=Smp_163580;geneID=Smp_163580;product=Ras-
related protein
Rab6;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    20130556        20130727        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff exon    20130769        20130827        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff exon    20130868        20130921        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff exon    20130953        20131058        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff exon    20131090        20131201        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff exon    20131236        20131329        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff exon    20132950        20133013        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff exon    20134907        20136356        .       +
        .       Parent=Smp_163580.1
SM_V9_1 Liftoff CDS     20130667        20130727        .       +
        0       Parent=Smp_163580.1
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SM_V9_1 Liftoff CDS     20130769        20130827        .       +
        2       Parent=Smp_163580.1
SM_V9_1 Liftoff CDS     20130868        20130921        .       +
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SM_V9_1 Liftoff CDS     20130953        20131058        .       +
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SM_V9_1 Liftoff CDS     20131090        20131201        .       +
        2       Parent=Smp_163580.1
SM_V9_1 Liftoff CDS     20131236        20131329        .       +
        1       Parent=Smp_163580.1
SM_V9_1 Liftoff CDS     20132950        20133013        .       +
        0       Parent=Smp_163580.1
SM_V9_1 Liftoff CDS     20134907        20134974        .       +
        2       Parent=Smp_163580.1
SM_V9_1 Liftoff mRNA    20130556        20136356        .       +
        .
ID=Smp_163580.2;Parent=Smp_163580;geneID=Smp_163580;product=Ras-
related protein
Rab-6.1;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    20130556        20130727        .       +
        .       Parent=Smp_163580.2
SM_V9_1 Liftoff exon    20130769        20130827        .       +
        .       Parent=Smp_163580.2
SM_V9_1 Liftoff exon    20130868        20130921        .       +
        .       Parent=Smp_163580.2
SM_V9_1 Liftoff exon    20130953        20131058        .       +
        .       Parent=Smp_163580.2
SM_V9_1 Liftoff exon    20131090        20131201        .       +
        .       Parent=Smp_163580.2
SM_V9_1 Liftoff exon    20131236        20131329        .       +
        .       Parent=Smp_163580.2
SM_V9_1 Liftoff exon    20132950        20133013        .       +
        .       Parent=Smp_163580.2
SM_V9_1 Liftoff exon    20135632        20136356        .       +
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SM_V9_1 Liftoff CDS     20130667        20130727        .       +
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SM_V9_1 Liftoff CDS     20130769        20130827        .       +
        2       Parent=Smp_163580.2
SM_V9_1 Liftoff CDS     20130868        20130921        .       +
        0       Parent=Smp_163580.2
SM_V9_1 Liftoff CDS     20130953        20131058        .       +
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SM_V9_1 Liftoff CDS     20131090        20131201        .       +
        2       Parent=Smp_163580.2
SM_V9_1 Liftoff CDS     20131236        20131329        .       +
        1       Parent=Smp_163580.2
SM_V9_1 Liftoff CDS     20132950        20133013        .       +
        0       Parent=Smp_163580.2
SM_V9_1 Liftoff CDS     20135632        20135693        .       +
        2       Parent=Smp_163580.2
SM_V9_1 Liftoff gene    20142337        20148352        .       -
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ID=Smp_076880;geneID=Smp_076880;previous_systematic_id=Smp_076890
SM_V9_1 Liftoff mRNA    20142337        20148352        .       -
        .
ID=Smp_076880.1;Parent=Smp_076880;geneID=Smp_076880;product=Splicing
factor 3A subunit
2;polypeptide_domain=InterPro:IPR000690,IPR003604,IPR013087,IPR03178
1
Pfam:PF12874,PF16835;Ontology_term=GO:0003676,GO:0005634,GO:0008270
SM_V9_1 Liftoff exon    20142337        20142869        .       -
        .       Parent=Smp_076880.1
SM_V9_1 Liftoff exon    20144410        20144688        .       -
        .       Parent=Smp_076880.1
SM_V9_1 Liftoff exon    20145071        20145201        .       -
        .       Parent=Smp_076880.1
SM_V9_1 Liftoff exon    20147870        20148352        .       -
        .       Parent=Smp_076880.1
SM_V9_1 Liftoff CDS     20142429        20142869        .       -
        0       Parent=Smp_076880.1
SM_V9_1 Liftoff CDS     20144410        20144688        .       -
        0       Parent=Smp_076880.1
SM_V9_1 Liftoff CDS     20145071        20145201        .       -
        2       Parent=Smp_076880.1
SM_V9_1 Liftoff CDS     20147870        20148092        .       -
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PR003032,IPR003877,IPR005821,IPR009460,IPR011992,IPR013320,IPR013333
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SM_V9_1 Liftoff exon    20158815        20158890        .       +
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SM_V9_1 Liftoff exon    20160709        20160821        .       +
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SM_V9_1 Liftoff exon    20169925        20170108        .       +
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SM_V9_1 Liftoff exon    20176170        20176431        .       +
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SM_V9_1 Liftoff exon    20217711        20217728        .       +
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SM_V9_1 Liftoff exon    20240097        20240518        .       +
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SM_V9_1 Liftoff exon    20246584        20246877        .       +
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SM_V9_1 Liftoff exon    20249968        20250071        .       +
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SM_V9_1 Liftoff exon    20265772        20265798        .       +
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SM_V9_1 Liftoff exon    20292767        20292984        .       +
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SM_V9_1 Liftoff exon    20297866        20298123        .       +
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SM_V9_1 Liftoff exon    20318642        20318807        .       +
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SM_V9_1 Liftoff exon    20320989        20321040        .       +
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SM_V9_1 Liftoff CDS     20157529        20157603        .       +
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SM_V9_1 Liftoff CDS     20158815        20158890        .       +
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SM_V9_1 Liftoff CDS     20160709        20160821        .       +
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SM_V9_1 Liftoff CDS     20168684        20168792        .       +
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SM_V9_1 Liftoff CDS     20169925        20170108        .       +
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SM_V9_1 Liftoff CDS     20177103        20177600        .       +
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SM_V9_1 Liftoff CDS     20178191        20178559        .       +
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SM_V9_1 Liftoff CDS     20180486        20180656        .       +
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SM_V9_1 Liftoff CDS     20181827        20182198        .       +
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SM_V9_1 Liftoff CDS     20182850        20183122        .       +
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SM_V9_1 Liftoff CDS     20183719        20183823        .       +
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SM_V9_1 Liftoff CDS     20200798        20200905        .       +
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SM_V9_1 Liftoff CDS     20212285        20212467        .       +
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SM_V9_1 Liftoff CDS     20213871        20214049        .       +
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SM_V9_1 Liftoff CDS     20247679        20248129        .       +
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SM_V9_1 Liftoff CDS     20249968        20250071        .       +
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SM_V9_1 Liftoff CDS     20252491        20252628        .       +
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SM_V9_1 Liftoff CDS     20254932        20255138        .       +
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SM_V9_1 Liftoff CDS     20269647        20270051        .       +
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SM_V9_1 Liftoff mRNA    20153936        20323704        .       +
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PR003032,IPR003877,IPR005821,IPR009460,IPR011992,IPR013320,IPR013333
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Pfam:PF00520,PF00622,PF01365,PF02026,PF02815,PF06459,PF08454,PF08709
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O:0005515,GO:0006811,GO:0006816,GO:0006874,GO:0016020,GO:0016021,GO:
0055085,GO:0070588
SM_V9_1 Liftoff exon    20153936        20154101        .       +
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SM_V9_1 Liftoff exon    20154142        20154252        .       +
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SM_V9_1 Liftoff exon    20156624        20156725        .       +
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SM_V9_1 Liftoff exon    20157529        20157603        .       +
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SM_V9_1 Liftoff exon    20158815        20158890        .       +
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SM_V9_1 Liftoff exon    20160709        20160821        .       +
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SM_V9_1 Liftoff exon    20168684        20168792        .       +
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SM_V9_1 Liftoff exon    20169925        20170108        .       +
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SM_V9_1 Liftoff exon    20176170        20176431        .       +
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SM_V9_1 Liftoff exon    20177103        20177600        .       +
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SM_V9_1 Liftoff exon    20180486        20180656        .       +
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SM_V9_1 Liftoff exon    20181827        20182198        .       +
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SM_V9_1 Liftoff exon    20182850        20183122        .       +
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SM_V9_1 Liftoff exon    20183719        20183823        .       +
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SM_V9_1 Liftoff exon    20187917        20188104        .       +
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SM_V9_1 Liftoff exon    20190522        20190681        .       +
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SM_V9_1 Liftoff exon    20192425        20192498        .       +
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SM_V9_1 Liftoff exon    20193847        20193929        .       +
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SM_V9_1 Liftoff exon    20195341        20195461        .       +
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SM_V9_1 Liftoff exon    20197214        20197310        .       +
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SM_V9_1 Liftoff exon    20198150        20198227        .       +
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SM_V9_1 Liftoff exon    20199576        20199699        .       +
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SM_V9_1 Liftoff exon    20200798        20200905        .       +
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SM_V9_1 Liftoff exon    20203413        20203530        .       +
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SM_V9_1 Liftoff exon    20205972        20206098        .       +
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SM_V9_1 Liftoff exon    20212810        20212989        .       +
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SM_V9_1 Liftoff exon    20213871        20214049        .       +
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SM_V9_1 Liftoff exon    20215725        20215846        .       +
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SM_V9_1 Liftoff exon    20216094        20216403        .       +
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SM_V9_1 Liftoff exon    20221699        20221938        .       +
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SM_V9_1 Liftoff exon    20226724        20226842        .       +
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SM_V9_1 Liftoff exon    20228283        20228440        .       +
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SM_V9_1 Liftoff exon    20229115        20229369        .       +
        .       Parent=Smp_163570.2
SM_V9_1 Liftoff exon    20230290        20230698        .       +
        .       Parent=Smp_163570.2
SM_V9_1 Liftoff exon    20231712        20231836        .       +
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SM_V9_1 Liftoff exon    20232651        20232799        .       +
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SM_V9_1 Liftoff exon    20234314        20234546        .       +
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SM_V9_1 Liftoff exon    20236290        20236490        .       +
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SM_V9_1 Liftoff exon    20238667        20238770        .       +
        .       Parent=Smp_163570.2
SM_V9_1 Liftoff exon    20239481        20239616        .       +
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SM_V9_1 Liftoff exon    20240097        20240518        .       +
        .       Parent=Smp_163570.2
SM_V9_1 Liftoff exon    20241664        20241882        .       +
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SM_V9_1 Liftoff exon    20243208        20243396        .       +
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SM_V9_1 Liftoff exon    20246584        20246877        .       +
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SM_V9_1 Liftoff exon    20247679        20248129        .       +
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SM_V9_1 Liftoff exon    20249968        20250071        .       +
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SM_V9_1 Liftoff exon    20253683        20253830        .       +
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SM_V9_1 Liftoff exon    20254932        20255138        .       +
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SM_V9_1 Liftoff exon    20257582        20257843        .       +
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SM_V9_1 Liftoff exon    20260202        20260331        .       +
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SM_V9_1 Liftoff exon    20262550        20262664        .       +
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SM_V9_1 Liftoff exon    20264350        20264431        .       +
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SM_V9_1 Liftoff exon    20265772        20265798        .       +
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SM_V9_1 Liftoff exon    20267568        20267710        .       +
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SM_V9_1 Liftoff exon    20269647        20270051        .       +
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SM_V9_1 Liftoff exon    20271436        20271573        .       +
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SM_V9_1 Liftoff exon    20278229        20278297        .       +
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SM_V9_1 Liftoff exon    20280046        20280110        .       +
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SM_V9_1 Liftoff exon    20281401        20281448        .       +
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SM_V9_1 Liftoff exon    20289059        20289124        .       +
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SM_V9_1 Liftoff exon    20290170        20290269        .       +
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SM_V9_1 Liftoff exon    20290496        20290679        .       +
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SM_V9_1 Liftoff exon    20291827        20291954        .       +
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SM_V9_1 Liftoff exon    20292767        20292984        .       +
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SM_V9_1 Liftoff exon    20297866        20298123        .       +
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SM_V9_1 Liftoff exon    20299509        20299574        .       +
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SM_V9_1 Liftoff exon    20301370        20301449        .       +
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SM_V9_1 Liftoff exon    20302945        20303106        .       +
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SM_V9_1 Liftoff exon    20305070        20305379        .       +
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SM_V9_1 Liftoff exon    20306018        20306404        .       +
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SM_V9_1 Liftoff exon    20307076        20307235        .       +
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SM_V9_1 Liftoff exon    20318642        20318807        .       +
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SM_V9_1 Liftoff exon    20320989        20321040        .       +
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SM_V9_1 Liftoff exon    20322898        20323704        .       +
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SM_V9_1 Liftoff CDS     20156624        20156725        .       +
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SM_V9_1 Liftoff CDS     20157529        20157603        .       +
        0       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20158815        20158890        .       +
        0       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20160709        20160821        .       +
        2       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20168684        20168792        .       +
        0       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20169925        20170108        .       +
        2       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20176170        20176431        .       +
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SM_V9_1 Liftoff CDS     20177103        20177600        .       +
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SM_V9_1 Liftoff CDS     20178191        20178559        .       +
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SM_V9_1 Liftoff CDS     20181827        20182198        .       +
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SM_V9_1 Liftoff CDS     20182850        20183122        .       +
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SM_V9_1 Liftoff CDS     20183719        20183823        .       +
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SM_V9_1 Liftoff CDS     20187917        20188104        .       +
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SM_V9_1 Liftoff CDS     20190522        20190681        .       +
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SM_V9_1 Liftoff CDS     20192425        20192498        .       +
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SM_V9_1 Liftoff CDS     20193847        20193929        .       +
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SM_V9_1 Liftoff CDS     20195070        20195154        .       +
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SM_V9_1 Liftoff CDS     20195341        20195461        .       +
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SM_V9_1 Liftoff CDS     20197214        20197310        .       +
        0       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20198150        20198227        .       +
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SM_V9_1 Liftoff CDS     20199576        20199699        .       +
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SM_V9_1 Liftoff CDS     20200798        20200905        .       +
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SM_V9_1 Liftoff CDS     20202195        20202305        .       +
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SM_V9_1 Liftoff CDS     20203413        20203530        .       +
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SM_V9_1 Liftoff CDS     20211329        20211673        .       +
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SM_V9_1 Liftoff CDS     20212285        20212467        .       +
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SM_V9_1 Liftoff CDS     20212810        20212989        .       +
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SM_V9_1 Liftoff CDS     20213871        20214049        .       +
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SM_V9_1 Liftoff CDS     20215725        20215846        .       +
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SM_V9_1 Liftoff CDS     20216094        20216403        .       +
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SM_V9_1 Liftoff CDS     20221699        20221938        .       +
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SM_V9_1 Liftoff CDS     20226724        20226842        .       +
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SM_V9_1 Liftoff CDS     20228283        20228440        .       +
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SM_V9_1 Liftoff CDS     20229115        20229369        .       +
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SM_V9_1 Liftoff CDS     20230290        20230698        .       +
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SM_V9_1 Liftoff CDS     20231712        20231836        .       +
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SM_V9_1 Liftoff CDS     20232651        20232799        .       +
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SM_V9_1 Liftoff CDS     20234314        20234546        .       +
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SM_V9_1 Liftoff CDS     20236290        20236490        .       +
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SM_V9_1 Liftoff CDS     20238667        20238770        .       +
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SM_V9_1 Liftoff CDS     20239481        20239616        .       +
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SM_V9_1 Liftoff CDS     20240097        20240518        .       +
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SM_V9_1 Liftoff CDS     20241664        20241882        .       +
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SM_V9_1 Liftoff CDS     20243208        20243396        .       +
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SM_V9_1 Liftoff CDS     20246584        20246877        .       +
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SM_V9_1 Liftoff CDS     20247679        20248129        .       +
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SM_V9_1 Liftoff CDS     20249968        20250071        .       +
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SM_V9_1 Liftoff CDS     20250969        20251136        .       +
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SM_V9_1 Liftoff CDS     20252491        20252628        .       +
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SM_V9_1 Liftoff CDS     20253683        20253830        .       +
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SM_V9_1 Liftoff CDS     20254932        20255138        .       +
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SM_V9_1 Liftoff CDS     20257582        20257843        .       +
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SM_V9_1 Liftoff CDS     20259190        20259300        .       +
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SM_V9_1 Liftoff CDS     20260202        20260331        .       +
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SM_V9_1 Liftoff CDS     20262550        20262664        .       +
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SM_V9_1 Liftoff CDS     20264350        20264431        .       +
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SM_V9_1 Liftoff CDS     20265772        20265798        .       +
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SM_V9_1 Liftoff CDS     20267568        20267710        .       +
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SM_V9_1 Liftoff CDS     20280046        20280110        .       +
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SM_V9_1 Liftoff CDS     20281401        20281448        .       +
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SM_V9_1 Liftoff CDS     20284583        20284642        .       +
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SM_V9_1 Liftoff CDS     20285638        20285796        .       +
        0       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20287476        20287800        .       +
        0       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20288477        20288778        .       +
        2       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20289059        20289124        .       +
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SM_V9_1 Liftoff CDS     20290170        20290269        .       +
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SM_V9_1 Liftoff CDS     20291827        20291954        .       +
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SM_V9_1 Liftoff CDS     20292767        20292984        .       +
        2       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20297866        20298123        .       +
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SM_V9_1 Liftoff CDS     20299509        20299574        .       +
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SM_V9_1 Liftoff CDS     20306018        20306404        .       +
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SM_V9_1 Liftoff CDS     20309000        20309301        .       +
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SM_V9_1 Liftoff CDS     20310149        20310358        .       +
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SM_V9_1 Liftoff CDS     20312090        20312373        .       +
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SM_V9_1 Liftoff CDS     20314223        20314369        .       +
        0       Parent=Smp_163570.2
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SM_V9_1 Liftoff CDS     20318642        20318807        .       +
        2       Parent=Smp_163570.2
SM_V9_1 Liftoff CDS     20320989        20321040        .       +
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SM_V9_1 Liftoff CDS     20322898        20322999        .       +
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SM_V9_1 Liftoff gene    20325087        20327382        .       -
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SM_V9_1 Liftoff mRNA    20325087        20327382        .       -
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ID=Smp_076860.1;Parent=Smp_076860;geneID=Smp_076860;product=B9
domain-containing protein 2;polypeptide_domain=InterPro:IPR010796
Pfam:PF07162
SM_V9_1 Liftoff exon    20325087        20326519        .       -
        .       Parent=Smp_076860.1
SM_V9_1 Liftoff exon    20326553        20326659        .       -
        .       Parent=Smp_076860.1
SM_V9_1 Liftoff exon    20326691        20326816        .       -
        .       Parent=Smp_076860.1
SM_V9_1 Liftoff exon    20326849        20327382        .       -
        .       Parent=Smp_076860.1
SM_V9_1 Liftoff CDS     20326313        20326519        .       -
        0       Parent=Smp_076860.1
SM_V9_1 Liftoff CDS     20326553        20326659        .       -
        2       Parent=Smp_076860.1
SM_V9_1 Liftoff CDS     20326691        20326816        .       -
        2       Parent=Smp_076860.1
SM_V9_1 Liftoff CDS     20326849        20326936        .       -
        0       Parent=Smp_076860.1
SM_V9_1 iris    gene    20353339        20385335        .       +
        .
ID=Smp_163560;geneID=Smp_163560;gene_name=Smp_163560;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    20353339        20385335        .       +
        .
ID=Smp_163560.1;Parent=Smp_163560;geneID=Smp_163560;gene_name=Smp_16
3560;owner=irisadmin@local.host;orig_id=Smp_163560.1;date_last_modif
ied=2022-11-12;Name=Smp_163560.1;product=Symplekin;date_creation=202
2-07-19
SM_V9_1 iris    exon    20353339        20353409        .       +
        .
Parent=Smp_163560.1;Name=a4597074-478a-43b8-960a-479e30b82a90
SM_V9_1 iris    exon    20353452        20353574        .       +
        .       Parent=Smp_163560.1;Name=a5a0cb7d-4a2a-490b-
a0e7-99c7b62e14b3
SM_V9_1 iris    exon    20353609        20353682        .       +
        .
Parent=Smp_163560.1;Name=f0f2ad6a-36fb-404d-9c84-984d2bfc8b47
SM_V9_1 iris    exon    20354338        20354719        .       +
        .       Parent=Smp_163560.1;Name=e0b5fdde-1ed6-4179-b95c-
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a91831b1d647
SM_V9_1 iris    exon    20355772        20356144        .       +
        .       Parent=Smp_163560.1;Name=9d52f9e5-36e7-4810-
aef5-702483edf92c
SM_V9_1 iris    exon    20356817        20356974        .       +
        .       Parent=Smp_163560.1;Name=2bd2cb58-3d39-4ee6-b2e4-
bffc7dbab2ca
SM_V9_1 iris    exon    20357787        20358212        .       +
        .       Parent=Smp_163560.1;Name=173ce7e9-9c00-44de-851e-
feedce4b8e03
SM_V9_1 iris    exon    20358934        20359196        .       +
        .       Parent=Smp_163560.1;Name=671f97e2-17f5-403e-
b2f8-4fcb3e7e4522
SM_V9_1 iris    exon    20360829        20361150        .       +
        .       Parent=Smp_163560.1;Name=82d1a21e-5be1-420c-b3ec-
fa7c28cf165d
SM_V9_1 iris    exon    20361533        20362010        .       +
        .
Parent=Smp_163560.1;Name=157ddd85-098b-4071-800e-1b2a843553ee
SM_V9_1 iris    exon    20362133        20362399        .       +
        .       Parent=Smp_163560.1;Name=bb0ada39-
ca37-404f-9d1b-9b8d2f443265
SM_V9_1 iris    exon    20364296        20364998        .       +
        .       Parent=Smp_163560.1;Name=bd25a7f2-b264-466c-
a2a9-0098462f9772
SM_V9_1 iris    exon    20367029        20367134        .       +
        .       Parent=Smp_163560.1;Name=194c6d2f-0538-4f09-ab59-
d141ce8fe200
SM_V9_1 iris    exon    20369130        20369294        .       +
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SM_V9_1 iris    exon    20371148        20371317        .       +
        .
Parent=Smp_163560.1;Name=cfd83641-7bb6-49c9-8fb0-67221500c693
SM_V9_1 iris    exon    20372161        20372230        .       +
        .
Parent=Smp_163560.1;Name=8dfa2c54-094f-414f-884a-004a04547ac1
SM_V9_1 iris    exon    20373055        20373511        .       +
        .       Parent=Smp_163560.1;Name=8a1e8ac6-
cf24-4e2c-9fca-8bb5f947e708
SM_V9_1 iris    exon    20376707        20376877        .       +
        .       Parent=Smp_163560.1;Name=c40b6203-976e-494e-
a25c-538a0ade554b
SM_V9_1 iris    exon    20377076        20377308        .       +
        .       Parent=Smp_163560.1;Name=1006a817-621b-400f-
acfa-3de1d7e68869
SM_V9_1 iris    exon    20379034        20379210        .       +
        .       Parent=Smp_163560.1;Name=abc25a02-b1da-4df8-9dbe-
e28dafa8c528
SM_V9_1 iris    exon    20379683        20380409        .       +
        .       Parent=Smp_163560.1;Name=3e9f57a3-2c39-4e9e-be45-
ee0597eed81b
SM_V9_1 iris    exon    20382986        20383377        .       +
        .       Parent=Smp_163560.1;Name=46d32a4e-e1a4-4503-
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b162-70c2656fd6a6
SM_V9_1 iris    exon    20384826        20385335        .       +
        .       Parent=Smp_163560.1;Name=467f0924-5028-4fe6-
a8e9-4aa16e5069ff
SM_V9_1 iris    CDS     20353386        20353409        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20353452        20353574        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20353609        20353682        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20354338        20354719        .       +
        1       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20355772        20356144        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20356817        20356974        .       +
        2       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20357787        20358212        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20358934        20359196        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20360829        20361150        .       +
        1       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20361533        20362010        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20362133        20362399        .       +
        2       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20364296        20364998        .       +
        2       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20367029        20367134        .       +
        1       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20369130        20369294        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20371148        20371317        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20372161        20372230        .       +
        1       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20373055        20373511        .       +
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SM_V9_1 iris    CDS     20376707        20376877        .       +
        2       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20377076        20377308        .       +
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SM_V9_1 iris    CDS     20379034        20379210        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20379683        20380409        .       +
        0       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20382986        20383377        .       +
        2       Parent=Smp_163560.1
SM_V9_1 iris    CDS     20384826        20384933        .       +
        0       Parent=Smp_163560.1
SM_V9_1 Liftoff gene    20387656        20419939        .       -
        .       ID=Smp_163550;geneID=Smp_163550
SM_V9_1 Liftoff mRNA    20387656        20419939        .       -
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ID=Smp_163550.1;Parent=Smp_163550;geneID=Smp_163550;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    20387656        20419939        .       -
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SM_V9_1 Liftoff CDS     20390048        20391892        .       -
        0       Parent=Smp_163550.1
SM_V9_1 Liftoff gene    20481525        20485652        .       +
        .
ID=Smp_248140;geneID=Smp_248140;previous_systematic_id=Smp_163540
SM_V9_1 Liftoff mRNA    20481525        20485652        .       +
        .
ID=Smp_248140.1;Parent=Smp_248140;geneID=Smp_248140;product=Transcri
ption factor
19;polypeptide_domain=InterPro:IPR000253,IPR001965,IPR008984,IPR0110
11,IPR013083,IPR019787 Pfam:PF00498,PF00628;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    20481525        20482033        .       +
        .       Parent=Smp_248140.1
SM_V9_1 Liftoff exon    20484220        20485652        .       +
        .       Parent=Smp_248140.1
SM_V9_1 Liftoff CDS     20481620        20482033        .       +
        0       Parent=Smp_248140.1
SM_V9_1 Liftoff CDS     20484220        20484906        .       +
        0       Parent=Smp_248140.1
SM_V9_1 Liftoff gene    20489536        20496340        .       +
        .
ID=Smp_248130;geneID=Smp_248130;previous_systematic_id=Smp_163540
SM_V9_1 Liftoff mRNA    20489536        20496340        .       +
        .
ID=Smp_248130.1;Parent=Smp_248130;geneID=Smp_248130;product=Type II
inositol 1,4,5-trisphosphate 5-phosphatase
SM_V9_1 Liftoff exon    20489536        20490867        .       +
        .       Parent=Smp_248130.1
SM_V9_1 Liftoff exon    20492817        20493027        .       +
        .       Parent=Smp_248130.1
SM_V9_1 Liftoff exon    20495972        20496340        .       +
        .       Parent=Smp_248130.1
SM_V9_1 Liftoff CDS     20490858        20490867        .       +
        0       Parent=Smp_248130.1
SM_V9_1 Liftoff CDS     20492817        20493027        .       +
        2       Parent=Smp_248130.1
SM_V9_1 Liftoff CDS     20495972        20496113        .       +
        1       Parent=Smp_248130.1
SM_V9_1 iris    gene    20510430        20623319        .       +
        .
ID=Smp_163500;geneID=Smp_163500;gene_name=Smp_163500;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    20510430        20623319        .       +
        .
ID=Smp_163500.1;Parent=Smp_163500;geneID=Smp_163500;gene_name=Smp_16
3500;owner=irisadmin@local.host;orig_id=Smp_163500.1;date_last_modif
ied=2022-07-19;Name=Smp_163500.1;product=Protein
sprint;date_creation=2022-07-19
SM_V9_1 iris    exon    20510430        20511272        .       +
        .       Parent=Smp_163500.1;Name=e65f7d9f-7ac0-4dc4-b3ce-
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b946beeceba9
SM_V9_1 iris    exon    20538461        20538759        .       +
        .       Parent=Smp_163500.1;Name=9587a778-1e43-434a-9ed2-
efad334aca63
SM_V9_1 iris    exon    20540118        20540206        .       +
        .       Parent=Smp_163500.1;Name=c66249af-a84c-45fd-8c61-
defa44b790f4
SM_V9_1 iris    exon    20551491        20552167        .       +
        .       Parent=Smp_163500.1;Name=d5994df7-ec26-4ab8-8fd3-
f95d8770ac2c
SM_V9_1 iris    exon    20558842        20559713        .       +
        .       Parent=Smp_163500.1;Name=35fbc7e4-73ce-4da0-
b412-18a2c8039e2e
SM_V9_1 iris    exon    20562423        20563014        .       +
        .
Parent=Smp_163500.1;Name=734c8d7a-3637-4dd3-8223-329b9fea5065
SM_V9_1 iris    exon    20569407        20569794        .       +
        .       Parent=Smp_163500.1;Name=cbe2af06-4cc9-469e-
af33-72b7dce46ac3
SM_V9_1 iris    exon    20573326        20574404        .       +
        .       Parent=Smp_163500.1;Name=f7714b93-08af-4b3b-
a468-092dfaba8069
SM_V9_1 iris    exon    20576897        20577392        .       +
        .       Parent=Smp_163500.1;Name=4144e360-60cc-40f2-
b067-6dcffc702ecd
SM_V9_1 iris    exon    20583313        20583853        .       +
        .       Parent=Smp_163500.1;Name=fa01cabb-
bf87-4703-8bc2-48998594a09f
SM_V9_1 iris    exon    20589349        20589451        .       +
        .       Parent=Smp_163500.1;Name=8cd2d191-c1f8-4e38-a9f5-
e6eac5ca1323
SM_V9_1 iris    exon    20590872        20590961        .       +
        .       Parent=Smp_163500.1;Name=3f1f159d-6f88-4281-bb2e-
b26edb2a9cc4
SM_V9_1 iris    exon    20593248        20593363        .       +
        .       Parent=Smp_163500.1;Name=770d15ff-04eb-4f88-
b47e-24c4d0519cdd
SM_V9_1 iris    exon    20595771        20595852        .       +
        .       Parent=Smp_163500.1;Name=44c5a285-bfec-491d-88b2-
e94b813c8a56
SM_V9_1 iris    exon    20607335        20607466        .       +
        .       Parent=Smp_163500.1;Name=f455719f-6d30-4c01-800b-
fe1169a25798
SM_V9_1 iris    exon    20609973        20610027        .       +
        .       Parent=Smp_163500.1;Name=11378f07-ce53-41ca-
b96b-3a71b98ac51b
SM_V9_1 iris    exon    20612918        20613291        .       +
        .
Parent=Smp_163500.1;Name=e7c87c50-0652-4df2-8774-8d3ef9078983
SM_V9_1 iris    exon    20615820        20616471        .       +
        .       Parent=Smp_163500.1;Name=22957dd3-
a15f-4931-93ed-95d82f57a907
SM_V9_1 iris    exon    20618029        20618103        .       +
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Parent=Smp_163500.1;Name=931f683c-702c-4e7d-9717-805a82c771cf
SM_V9_1 iris    exon    20620582        20623319        .       +
        .       Parent=Smp_163500.1;Name=d67802c8-49f1-490a-8cf8-
dda7da553ab6
SM_V9_1 iris    CDS     20510589        20511272        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20538461        20538759        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20540118        20540206        .       +
        1       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20551491        20552167        .       +
        2       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20558842        20559713        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20562423        20563014        .       +
        1       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20569407        20569794        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20573326        20574404        .       +
        2       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20576897        20577392        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20583313        20583853        .       +
        2       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20589349        20589451        .       +
        1       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20590872        20590961        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20593248        20593363        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20595771        20595852        .       +
        1       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20607335        20607466        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20609973        20610027        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20612918        20613291        .       +
        2       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20615820        20616471        .       +
        0       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20618029        20618103        .       +
        2       Parent=Smp_163500.1
SM_V9_1 iris    CDS     20620582        20621096        .       +
        2       Parent=Smp_163500.1
SM_V9_1 Liftoff gene    20579700        20580901        .       -
        .       ID=Smp_163520;geneID=Smp_163520
SM_V9_1 Liftoff mRNA    20579700        20580901        .       -
        .
ID=Smp_163520.1;Parent=Smp_163520;geneID=Smp_163520;product=Sulfate
adenylyltransferase subunit 2
SM_V9_1 Liftoff exon    20579700        20580901        .       -
        .       Parent=Smp_163520.1
SM_V9_1 Liftoff CDS     20579964        20580770        .       -
        0       Parent=Smp_163520.1
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SM_V9_1 Liftoff gene    20625880        20686031        .       -
        .
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p_163490
SM_V9_1 Liftoff mRNA    20625880        20686031        .       -
        .
ID=Smp_173110.1;Parent=Smp_173110;geneID=Smp_173110;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    20625880        20627071        .       -
        .       Parent=Smp_173110.1
SM_V9_1 Liftoff exon    20629417        20629830        .       -
        .       Parent=Smp_173110.1
SM_V9_1 Liftoff exon    20632226        20632393        .       -
        .       Parent=Smp_173110.1
SM_V9_1 Liftoff exon    20633450        20634472        .       -
        .       Parent=Smp_173110.1
SM_V9_1 Liftoff exon    20651398        20651547        .       -
        .       Parent=Smp_173110.1
SM_V9_1 Liftoff exon    20660340        20686031        .       -
        .       Parent=Smp_173110.1
SM_V9_1 Liftoff CDS     20626862        20627071        .       -
        0       Parent=Smp_173110.1
SM_V9_1 Liftoff CDS     20629417        20629830        .       -
        0       Parent=Smp_173110.1
SM_V9_1 Liftoff CDS     20632226        20632393        .       -
        0       Parent=Smp_173110.1
SM_V9_1 Liftoff CDS     20633450        20634472        .       -
        0       Parent=Smp_173110.1
SM_V9_1 Liftoff CDS     20651398        20651547        .       -
        0       Parent=Smp_173110.1
SM_V9_1 Liftoff CDS     20660340        20661026        .       -
        0       Parent=Smp_173110.1
SM_V9_1 Liftoff mRNA    20625880        20686031        .       -
        .
ID=Smp_173110.2;Parent=Smp_173110;geneID=Smp_173110;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    20625880        20627166        .       -
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SM_V9_1 Liftoff exon    20629417        20629830        .       -
        .       Parent=Smp_173110.2
SM_V9_1 Liftoff exon    20632226        20632393        .       -
        .       Parent=Smp_173110.2
SM_V9_1 Liftoff exon    20633450        20634472        .       -
        .       Parent=Smp_173110.2
SM_V9_1 Liftoff exon    20651398        20651547        .       -
        .       Parent=Smp_173110.2
SM_V9_1 Liftoff exon    20660340        20686031        .       -
        .       Parent=Smp_173110.2
SM_V9_1 Liftoff CDS     20627155        20627166        .       -
        0       Parent=Smp_173110.2
SM_V9_1 Liftoff CDS     20629417        20629830        .       -
        0       Parent=Smp_173110.2
SM_V9_1 Liftoff CDS     20632226        20632393        .       -
        0       Parent=Smp_173110.2
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SM_V9_1 Liftoff CDS     20633450        20634472        .       -
        0       Parent=Smp_173110.2
SM_V9_1 Liftoff CDS     20651398        20651547        .       -
        0       Parent=Smp_173110.2
SM_V9_1 Liftoff CDS     20660340        20661026        .       -
        0       Parent=Smp_173110.2
SM_V9_1 iris    gene    20832819        20844572        .       -
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ID=Smp_097810;geneID=Smp_097810;gene_name=Smp_097810;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    20832819        20844572        .       -
        .
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ied=2022-07-19;Name=Smp_097810.1;product=Ubiquitin thioesterase
OTUB1;date_creation=2022-07-19
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        .       Parent=Smp_097810.1;Name=0ef38a28-86b1-4ea1-98e3-
e34699a855b4
SM_V9_1 iris    exon    20836083        20836173        .       -
        .       Parent=Smp_097810.1;Name=e296c872-19fb-4f5f-
bf53-418b90f216ef
SM_V9_1 iris    exon    20837383        20837489        .       -
        .       Parent=Smp_097810.1;Name=3774d264-c39f-4092-bd24-
ec222a695ad7
SM_V9_1 iris    exon    20840922        20841006        .       -
        .       Parent=Smp_097810.1;Name=933bcb5f-547e-418a-9ff0-
e97ea5455008
SM_V9_1 iris    exon    20843025        20843149        .       -
        .       Parent=Smp_097810.1;Name=bf43d7b1-dffc-439b-a57b-
cf0fe95a00cc
SM_V9_1 iris    exon    20844272        20844364        .       -
        .       Parent=Smp_097810.1;Name=6a0ee2e6-93a2-4c1d-
b05d-6248cfee12b9
SM_V9_1 iris    exon    20844401        20844474        .       -
        .       Parent=Smp_097810.1;Name=25dda043-
b610-4195-907a-1c6570b9ca9a
SM_V9_1 iris    exon    20844515        20844572        .       -
        .       Parent=Smp_097810.1;Name=498f271d-6712-43d2-a8b8-
bc214b8676d3
SM_V9_1 iris    CDS     20833053        20833373        .       -
        0       Parent=Smp_097810.1
SM_V9_1 iris    CDS     20836083        20836173        .       -
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SM_V9_1 iris    CDS     20837383        20837489        .       -
        0       Parent=Smp_097810.1
SM_V9_1 iris    CDS     20840922        20841006        .       -
        1       Parent=Smp_097810.1
SM_V9_1 iris    CDS     20843025        20843149        .       -
        0       Parent=Smp_097810.1
SM_V9_1 iris    CDS     20844272        20844364        .       -
        0       Parent=Smp_097810.1
SM_V9_1 iris    CDS     20844401        20844474        .       -
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SM_V9_1 Liftoff exon    20849899        20850315        .       -
        .       Parent=Smp_175880.1
SM_V9_1 Liftoff CDS     20849899        20850315        .       -
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SM_V9_1 Liftoff gene    20875901        20878024        .       +
        .       ID=Smp_097800;geneID=Smp_097800
SM_V9_1 Liftoff mRNA    20875901        20878024        .       +
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factor
homolog;polypeptide_domain=InterPro:IPR002059,IPR011129,IPR012340,IP
R019844 Pfam:PF00313;Ontology_term=GO:0003676,GO:0003677,GO:0006355
SM_V9_1 Liftoff exon    20875901        20876307        .       +
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SM_V9_1 Liftoff exon    20876340        20876504        .       +
        .       Parent=Smp_097800.1
SM_V9_1 Liftoff exon    20876970        20877129        .       +
        .       Parent=Smp_097800.1
SM_V9_1 Liftoff exon    20877427        20878024        .       +
        .       Parent=Smp_097800.1
SM_V9_1 Liftoff CDS     20876005        20876307        .       +
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SM_V9_1 Liftoff CDS     20876340        20876504        .       +
        0       Parent=Smp_097800.1
SM_V9_1 Liftoff CDS     20876970        20877129        .       +
        0       Parent=Smp_097800.1
SM_V9_1 Liftoff CDS     20877427        20877452        .       +
        2       Parent=Smp_097800.1
SM_V9_1 Liftoff gene    20880072        20891657        .       -
        .
ID=Smp_097790;geneID=Smp_097790;previous_systematic_id=Smp_175870
SM_V9_1 Liftoff mRNA    20880072        20888607        .       -
        .
ID=Smp_097790.2;Parent=Smp_097790;geneID=Smp_097790;product=Golgin-4
5
SM_V9_1 Liftoff exon    20880072        20882602        .       -
        .       Parent=Smp_097790.2
SM_V9_1 Liftoff exon    20885097        20888607        .       -
        .       Parent=Smp_097790.2
SM_V9_1 Liftoff CDS     20882021        20882602        .       -
        0       Parent=Smp_097790.2
SM_V9_1 Liftoff CDS     20885097        20885498        .       -
        0       Parent=Smp_097790.2
SM_V9_1 Liftoff mRNA    20880072        20891657        .       -
        .
ID=Smp_097790.1;Parent=Smp_097790;geneID=Smp_097790;product=Golgin-4
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SM_V9_1 Liftoff exon    20882087        20882602        .       -
        .       Parent=Smp_097790.1
SM_V9_1 Liftoff exon    20885097        20891657        .       -
        .       Parent=Smp_097790.1
SM_V9_1 Liftoff CDS     20880188        20880424        .       -
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SM_V9_1 Liftoff CDS     20882087        20882602        .       -
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SM_V9_1 Liftoff CDS     20885097        20885498        .       -
        0       Parent=Smp_097790.1
SM_V9_1 Liftoff gene    20905336        20943867        .       -
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SM_V9_1 Liftoff mRNA    20905336        20943867        .       -
        .
ID=Smp_175860.1;Parent=Smp_175860;geneID=Smp_175860;product=Centroso
mal protein of 295 kDa
SM_V9_1 Liftoff exon    20905336        20905603        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20905934        20906174        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20907662        20907860        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20910706        20911138        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20913984        20914306        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20915996        20916284        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20916919        20917737        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20919754        20919920        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20920178        20920314        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20922768        20923254        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20923891        20924125        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20924929        20925357        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20926849        20927158        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20930247        20930601        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20932813        20933059        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20934771        20934948        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20937324        20937570        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20939562        20939802        .       -
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SM_V9_1 Liftoff exon    20943457        20943555        .       -
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SM_V9_1 Liftoff exon    20943588        20943683        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff exon    20943716        20943867        .       -
        .       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20905568        20905603        .       -
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        1       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20907662        20907860        .       -
        2       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20910706        20911138        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20913984        20914306        .       -
        2       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20915996        20916284        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20916919        20917737        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20919754        20919920        .       -
        2       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20920178        20920314        .       -
        1       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20922768        20923254        .       -
        2       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20923891        20924125        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20924929        20925357        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20926849        20927158        .       -
        1       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20930247        20930601        .       -
        2       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20932813        20933059        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20934771        20934948        .       -
        1       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20937324        20937570        .       -
        2       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20939562        20939802        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20943457        20943555        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20943588        20943683        .       -
        0       Parent=Smp_175860.1
SM_V9_1 Liftoff CDS     20943716        20943817        .       -
        0       Parent=Smp_175860.1
SM_V9_1 iris    gene    20957080        20992425        .       +
        .
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SM_V9_1 iris    mRNA    20957080        20992425        .       +
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ied=2022-07-19;Name=Smp_175840.1;product=Eukaryotic translation
initiation factor 2A;date_creation=2022-07-19
SM_V9_1 iris    exon    20957080        20957130        .       +
        .       Parent=Smp_175840.1;Name=b386b85b-e9e3-45cc-a295-
a758277e97be
SM_V9_1 iris    exon    20961618        20961677        .       +
        .       Parent=Smp_175840.1;Name=f0c84260-0e57-4c3e-aba0-
f6f679c3ec69
SM_V9_1 iris    exon    20961713        20961779        .       +
        .       Parent=Smp_175840.1;Name=67c883f9-
e7ec-4b56-8224-7d3095e75faa
SM_V9_1 iris    exon    20961814        20961888        .       +
        .       Parent=Smp_175840.1;Name=884a9c59-
c907-49e1-801b-0489215125cf
SM_V9_1 iris    exon    20961924        20962042        .       +
        .       Parent=Smp_175840.1;Name=e1c31beb-3955-4587-8ecc-
c30622ca0100
SM_V9_1 iris    exon    20962090        20962189        .       +
        .       Parent=Smp_175840.1;Name=29f97f12-be0b-4213-
af1e-90f9d8f6fd28
SM_V9_1 iris    exon    20963706        20963788        .       +
        .       Parent=Smp_175840.1;Name=8a54bfb7-8e12-4aaf-a008-
ef13e6f27cb9
SM_V9_1 iris    exon    20967852        20967952        .       +
        .       Parent=Smp_175840.1;Name=0e9829c9-89b6-4973-bc48-
f8507963c60d
SM_V9_1 iris    exon    20969919        20970062        .       +
        .       Parent=Smp_175840.1;Name=4867a975-
ab88-4301-88c9-7f158cb04871
SM_V9_1 iris    exon    20974050        20974248        .       +
        .       Parent=Smp_175840.1;Name=78defcb5-0d0d-4d1f-
bb75-584763285e18
SM_V9_1 iris    exon    20980787        20980886        .       +
        .       Parent=Smp_175840.1;Name=78dbf3a2-840c-4199-9e8f-
ea00cc7bb543
SM_V9_1 iris    exon    20982885        20983064        .       +
        .
Parent=Smp_175840.1;Name=f8d5b223-93fd-49cc-862a-636f2b2e6a30
SM_V9_1 iris    exon    20984765        20984942        .       +
        .       Parent=Smp_175840.1;Name=4c18f670-0a86-49a9-
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SM_V9_1 iris    exon    20987777        20987954        .       +
        .       Parent=Smp_175840.1;Name=c86d4fcc-85fa-4728-b954-
bacccc7984a8
SM_V9_1 iris    exon    20991137        20991282        .       +
        .
Parent=Smp_175840.1;Name=a595380a-88ff-4f70-8edf-355d8a2b53e5
SM_V9_1 iris    exon    20992249        20992425        .       +
        .       Parent=Smp_175840.1;Name=893a4bce-
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SM_V9_1 iris    CDS     20961665        20961677        .       +
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        1       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20961924        20962042        .       +
        1       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20962090        20962189        .       +
        2       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20963706        20963788        .       +
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SM_V9_1 iris    CDS     20967852        20967952        .       +
        2       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20969919        20970062        .       +
        0       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20974050        20974248        .       +
        0       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20980787        20980886        .       +
        2       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20982885        20983064        .       +
        1       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20984765        20984942        .       +
        1       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20987777        20987954        .       +
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        2       Parent=Smp_175840.1
SM_V9_1 iris    CDS     20992249        20992311        .       +
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SM_V9_1 Liftoff gene    20993285        20995477        .       -
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SM_V9_1 Liftoff mRNA    20993285        20995477        .       -
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4 Pfam:PF00313;Ontology_term=GO:0003676,GO:0003677,GO:0006355
SM_V9_1 Liftoff exon    20993285        20993536        .       -
        .       Parent=Smp_097750.1
SM_V9_1 Liftoff exon    20994924        20995067        .       -
        .       Parent=Smp_097750.1
SM_V9_1 Liftoff exon    20995105        20995477        .       -
        .       Parent=Smp_097750.1
SM_V9_1 Liftoff CDS     20993432        20993536        .       -
        0       Parent=Smp_097750.1
SM_V9_1 Liftoff CDS     20994924        20995067        .       -
        0       Parent=Smp_097750.1
SM_V9_1 Liftoff CDS     20995105        20995383        .       -
        0       Parent=Smp_097750.1
SM_V9_1 iris    gene    21003174        21018163        .       +
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SM_V9_1 iris    mRNA    21003174        21018163        .       +
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PAE3582;date_creation=2022-07-19
SM_V9_1 iris    exon    21003174        21003360        .       +
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de95-45a9-923a-6f12bf3f0a75
SM_V9_1 iris    exon    21007850        21007917        .       +
        .
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SM_V9_1 iris    exon    21010855        21011152        .       +
        .       Parent=Smp_097740.1;Name=a32dff85-acda-4aa4-
b3df-77820ebe22f5
SM_V9_1 iris    exon    21016059        21016154        .       +
        .       Parent=Smp_097740.1;Name=1bb8d966-5e34-4b6b-
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SM_V9_1 iris    exon    21017430        21018163        .       +
        .
Parent=Smp_097740.1;Name=9ed5a319-2a68-4be2-985e-28197c24253e
SM_V9_1 iris    CDS     21003359        21003360        .       +
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SM_V9_1 iris    CDS     21007850        21007917        .       +
        1       Parent=Smp_097740.1
SM_V9_1 iris    CDS     21010855        21011152        .       +
        2       Parent=Smp_097740.1
SM_V9_1 iris    CDS     21016059        21016140        .       +
        1       Parent=Smp_097740.1
SM_V9_1 Liftoff gene    21027140        21034881        .       -
        .       ID=Smp_097730;geneID=Smp_097730
SM_V9_1 Liftoff mRNA    21027140        21034881        .       -
        .
ID=Smp_097730.1;Parent=Smp_097730;geneID=Smp_097730;product=Serum
response factor
(Fragment);polypeptide_domain=InterPro:IPR002100,IPR033897
Pfam:PF00319;Ontology_term=GO:0000982,GO:0000987,GO:0003677,GO:00459
44,GO:0046983
SM_V9_1 Liftoff exon    21027140        21034881        .       -
        .       Parent=Smp_097730.1
SM_V9_1 Liftoff CDS     21027467        21028810        .       -
        0       Parent=Smp_097730.1
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        .
ID=Smp_198750;geneID=Smp_198750;gene_name=Smp_198750;owner=irisadmin
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        .
ID=Smp_198750.1;Parent=Smp_198750;geneID=Smp_198750;gene_name=Smp_19
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ied=2022-07-19;Name=Smp_198750.1;product=Pinin;date_creation=2022-07
-19
SM_V9_1 iris    exon    21043571        21043790        .       +
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d8de09d7441e
SM_V9_1 iris    exon    21043899        21043938        .       +
        .       Parent=Smp_198750.1;Name=6339f327-8fd8-4f80-bea2-
f2f595b67878
SM_V9_1 iris    exon    21050193        21050281        .       +
        .
Parent=Smp_198750.1;Name=0803c1c1-7cf8-45c5-9588-57045c7e4f32
SM_V9_1 iris    exon    21056683        21056920        .       +
        .       Parent=Smp_198750.1;Name=d8c26dc8-60de-480d-
b59a-1d946c90bbba
SM_V9_1 iris    exon    21057854        21057992        .       +
        .       Parent=Smp_198750.1;Name=6b0a3779-019e-4218-
bd33-87cc7f1f0918
SM_V9_1 iris    exon    21059450        21060395        .       +
        .
Parent=Smp_198750.1;Name=ddbdd5a2-6823-43ea-8425-57f38f330a62
SM_V9_1 iris    CDS     21043621        21043790        .       +
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SM_V9_1 iris    CDS     21043825        21043860        .       +
        1       Parent=Smp_198750.1
SM_V9_1 iris    CDS     21043899        21043938        .       +
        1       Parent=Smp_198750.1
SM_V9_1 iris    CDS     21050193        21050281        .       +
        0       Parent=Smp_198750.1
SM_V9_1 iris    CDS     21056683        21056920        .       +
        1       Parent=Smp_198750.1
SM_V9_1 iris    CDS     21057854        21057992        .       +
        0       Parent=Smp_198750.1
SM_V9_1 iris    CDS     21059450        21060075        .       +
        2       Parent=Smp_198750.1
SM_V9_1 Liftoff gene    21063361        21069672        .       +
        .       ID=Smp_097710;geneID=Smp_097710
SM_V9_1 Liftoff mRNA    21063361        21069672        .       +
        .
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C;polypeptide_domain=InterPro:IPR012945,IPR017901,IPR031925
Pfam:PF07986,PF16752;Ontology_term=GO:0015631
SM_V9_1 Liftoff exon    21063361        21064557        .       +
        .       Parent=Smp_097710.1
SM_V9_1 Liftoff exon    21066740        21066847        .       +
        .       Parent=Smp_097710.1
SM_V9_1 Liftoff exon    21068279        21069672        .       +
        .       Parent=Smp_097710.1
SM_V9_1 Liftoff CDS     21064267        21064557        .       +
        0       Parent=Smp_097710.1
SM_V9_1 Liftoff CDS     21066740        21066847        .       +
        0       Parent=Smp_097710.1
SM_V9_1 Liftoff CDS     21068279        21068995        .       +
        0       Parent=Smp_097710.1
SM_V9_1 Liftoff gene    21071862        21098137        .       -
        .       ID=Smp_097700;geneID=Smp_097700
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Receptor subfamily - retinoid-x-receptor (RXR);evidence=Traceable
Author Statement;literature=PMID:11377743
PMID:9988692;polypeptide_domain=InterPro:IPR000003,IPR000536,IPR0016
28,IPR001723,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003677,GO:0003700,GO:0003707,
GO:0005634,GO:0006355,GO:0008270,GO:0043401,GO:0043565
SM_V9_1 Liftoff exon    21071862        21073466        .       -
        .       Parent=Smp_097700.1
SM_V9_1 Liftoff exon    21076005        21076229        .       -
        .       Parent=Smp_097700.1
SM_V9_1 Liftoff exon    21077192        21077728        .       -
        .       Parent=Smp_097700.1
SM_V9_1 Liftoff exon    21078789        21079132        .       -
        .       Parent=Smp_097700.1
SM_V9_1 Liftoff exon    21086391        21086835        .       -
        .       Parent=Smp_097700.1
SM_V9_1 Liftoff exon    21087994        21098137        .       -
        .       Parent=Smp_097700.1
SM_V9_1 Liftoff CDS     21073015        21073466        .       -
        2       Parent=Smp_097700.1
SM_V9_1 Liftoff CDS     21076005        21076229        .       -
        2       Parent=Smp_097700.1
SM_V9_1 Liftoff CDS     21077192        21077728        .       -
        2       Parent=Smp_097700.1
SM_V9_1 Liftoff CDS     21078789        21079132        .       -
        1       Parent=Smp_097700.1
SM_V9_1 Liftoff CDS     21086391        21086835        .       -
        2       Parent=Smp_097700.1
SM_V9_1 Liftoff CDS     21087994        21088222        .       -
        0       Parent=Smp_097700.1
SM_V9_1 Liftoff gene    21113714        21117537        .       +
        .       ID=Smp_097660;geneID=Smp_097660
SM_V9_1 Liftoff mRNA    21113714        21117537        .       +
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ID=Smp_097660.1;Parent=Smp_097660;geneID=Smp_097660;product=Eukaryot
ic initiation factor
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14,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_1 Liftoff exon    21113714        21113778        .       +
        .       Parent=Smp_097660.1
SM_V9_1 Liftoff exon    21115867        21116176        .       +
        .       Parent=Smp_097660.1
SM_V9_1 Liftoff exon    21116209        21116475        .       +
        .       Parent=Smp_097660.1
SM_V9_1 Liftoff exon    21116512        21116793        .       +
        .       Parent=Smp_097660.1
SM_V9_1 Liftoff exon    21116836        21117005        .       +
        .       Parent=Smp_097660.1
SM_V9_1 Liftoff exon    21117045        21117537        .       +
        .       Parent=Smp_097660.1
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SM_V9_1 Liftoff CDS     21113774        21113778        .       +
        0       Parent=Smp_097660.1
SM_V9_1 Liftoff CDS     21115867        21116176        .       +
        1       Parent=Smp_097660.1
SM_V9_1 Liftoff CDS     21116209        21116475        .       +
        0       Parent=Smp_097660.1
SM_V9_1 Liftoff CDS     21116512        21116793        .       +
        0       Parent=Smp_097660.1
SM_V9_1 Liftoff CDS     21116836        21117005        .       +
        0       Parent=Smp_097660.1
SM_V9_1 Liftoff CDS     21117045        21117189        .       +
        1       Parent=Smp_097660.1
SM_V9_1 iris    gene    21120130        21155319        .       -
        .
ID=Smp_341640;geneID=Smp_341640;gene_name=Smp_341640;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    21120130        21155319        .       -
        .
ID=Smp_341640.1;Parent=Smp_341640;geneID=Smp_341640;gene_name=Smp_34
1640;owner=irisadmin@local.host;orig_id=Smp_341640.1;date_last_modif
ied=2022-07-19;Name=Smp_341640.1;product=Translation initiation
factor IF-2;date_creation=2022-07-19
SM_V9_1 iris    exon    21120130        21121698        .       -
        .       Parent=Smp_341640.1;Name=5a641b94-7397-4e8f-8bdb-
c6f0b7fa3467
SM_V9_1 iris    exon    21123276        21123578        .       -
        .       Parent=Smp_341640.1;Name=2b379d38-
cebc-4989-92cc-012d925147e1
SM_V9_1 iris    exon    21132503        21132758        .       -
        .
Parent=Smp_341640.1;Name=957ac294-0084-4d4b-9bf4-7b270604ca43
SM_V9_1 iris    exon    21137609        21137673        .       -
        .       Parent=Smp_341640.1;Name=9d105a78-e9fb-4b7d-8bcf-
cb069ffb8b85
SM_V9_1 iris    exon    21142461        21142548        .       -
        .       Parent=Smp_341640.1;Name=f2cd7c76-1c95-4396-959d-
e0d4afeeac8d
SM_V9_1 iris    exon    21146497        21146857        .       -
        .
Parent=Smp_341640.1;Name=20d85112-1de7-4c8c-8e26-2b02c4845f4f
SM_V9_1 iris    exon    21150663        21150836        .       -
        .       Parent=Smp_341640.1;Name=f7641b1b-4611-4776-83f5-
c796aa1bd5d4
SM_V9_1 iris    exon    21152910        21153022        .       -
        .
Parent=Smp_341640.1;Name=15157998-8f14-48aa-8a8b-93f444204491
SM_V9_1 iris    exon    21153060        21153161        .       -
        .       Parent=Smp_341640.1;Name=ef860038-
aee6-4909-8cb1-1080fe16216b
SM_V9_1 iris    exon    21153207        21153375        .       -
        .
Parent=Smp_341640.1;Name=233c8259-5bed-44a0-8c95-07580e6b6cca
SM_V9_1 iris    exon    21155158        21155319        .       -
        .       Parent=Smp_341640.1;Name=1a056662-60a3-4678-
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b785-891556dd33af
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SM_V9_1 iris    CDS     21123276        21123578        .       -
        1       Parent=Smp_341640.1
SM_V9_1 iris    CDS     21132503        21132758        .       -
        2       Parent=Smp_341640.1
SM_V9_1 iris    CDS     21137609        21137673        .       -
        1       Parent=Smp_341640.1
SM_V9_1 iris    CDS     21142461        21142548        .       -
        2       Parent=Smp_341640.1
SM_V9_1 iris    CDS     21146497        21146857        .       -
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SM_V9_1 iris    CDS     21150663        21150836        .       -
        0       Parent=Smp_341640.1
SM_V9_1 iris    CDS     21152910        21153022        .       -
        2       Parent=Smp_341640.1
SM_V9_1 iris    CDS     21153060        21153161        .       -
        2       Parent=Smp_341640.1
SM_V9_1 iris    CDS     21153207        21153324        .       -
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SM_V9_1 Liftoff gene    21187604        21191656        .       +
        .       ID=Smp_097620;geneID=Smp_097620
SM_V9_1 Liftoff mRNA    21187604        21191656        .       +
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ID=Smp_097620.1;Parent=Smp_097620;geneID=Smp_097620;product=Vacuolar
protein-sorting-associated protein
25;polypeptide_domain=InterPro:IPR008570,IPR011991,IPR014041
Pfam:PF05871
SM_V9_1 Liftoff exon    21187604        21187919        .       +
        .       Parent=Smp_097620.1
SM_V9_1 Liftoff exon    21190972        21191656        .       +
        .       Parent=Smp_097620.1
SM_V9_1 Liftoff CDS     21187627        21187919        .       +
        0       Parent=Smp_097620.1
SM_V9_1 Liftoff CDS     21190972        21191221        .       +
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SM_V9_1 Liftoff gene    21276814        21412454        .       +
        .
ID=Smp_167370;geneID=Smp_167370;previous_systematic_id=Smp_167390
SM_V9_1 Liftoff mRNA    21276814        21412454        .       +
        .
ID=Smp_167370.1;Parent=Smp_167370;geneID=Smp_167370;product=Copine-1
;polypeptide_domain=InterPro:IPR000008,IPR002035,IPR010734
Pfam:PF00168,PF07002
SM_V9_1 Liftoff exon    21276814        21277176        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21323130        21323205        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21331012        21331115        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21337576        21337603        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21348216        21348295        .       +
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SM_V9_1 Liftoff exon    21354511        21354560        .       +
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SM_V9_1 Liftoff exon    21361524        21361552        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21365785        21365888        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21367287        21367391        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21369587        21369634        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21373311        21373334        .       +
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SM_V9_1 Liftoff exon    21375190        21375262        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21383629        21383682        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21386613        21386674        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21391362        21391520        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21394372        21394451        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21398542        21398662        .       +
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SM_V9_1 Liftoff exon    21401609        21401711        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21404463        21404520        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21405411        21405484        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21408204        21408311        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff exon    21410825        21412454        .       +
        .       Parent=Smp_167370.1
SM_V9_1 Liftoff CDS     21277136        21277176        .       +
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SM_V9_1 Liftoff CDS     21323130        21323205        .       +
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SM_V9_1 Liftoff CDS     21331012        21331115        .       +
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SM_V9_1 Liftoff CDS     21348216        21348295        .       +
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SM_V9_1 Liftoff CDS     21354511        21354560        .       +
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SM_V9_1 Liftoff CDS     21361524        21361552        .       +
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SM_V9_1 Liftoff CDS     21365785        21365888        .       +
        0       Parent=Smp_167370.1
SM_V9_1 Liftoff CDS     21367287        21367391        .       +
        1       Parent=Smp_167370.1
SM_V9_1 Liftoff CDS     21369587        21369634        .       +
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        1       Parent=Smp_167370.1
SM_V9_1 Liftoff CDS     21383629        21383682        .       +
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SM_V9_1 Liftoff CDS     21386613        21386674        .       +
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SM_V9_1 Liftoff CDS     21401609        21401711        .       +
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SM_V9_1 Liftoff CDS     21404463        21404520        .       +
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SM_V9_1 Liftoff CDS     21408204        21408311        .       +
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SM_V9_1 Liftoff CDS     21410825        21411361        .       +
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SM_V9_1 Liftoff mRNA    21417641        21418920        .       -
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ID=Smp_325820.1;Parent=Smp_325820;geneID=Smp_325820;product=Hypothet
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SM_V9_1 Liftoff exon    21417641        21418920        .       -
        .       Parent=Smp_325820.1
SM_V9_1 Liftoff CDS     21417713        21418753        .       -
        0       Parent=Smp_325820.1
SM_V9_1 Liftoff gene    21424509        21426130        .       -
        .       ID=Smp_083410;geneID=Smp_083410
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ID=Smp_083410.1;Parent=Smp_083410;geneID=Smp_083410;product=Elongati
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gamma;polypeptide_domain=InterPro:IPR001662,IPR004045,IPR004046,IPR0
10987,IPR012336
Pfam:PF00043,PF00647,PF02798;Ontology_term=GO:0003746,GO:0005515,GO:
0006414
SM_V9_1 Liftoff exon    21424509        21424780        .       -
        .       Parent=Smp_083410.1
SM_V9_1 Liftoff exon    21424959        21425296        .       -
        .       Parent=Smp_083410.1
SM_V9_1 Liftoff exon    21425330        21425564        .       -
        .       Parent=Smp_083410.1
SM_V9_1 Liftoff exon    21425599        21425782        .       -
        .       Parent=Smp_083410.1
SM_V9_1 Liftoff exon    21425817        21426130        .       -
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SM_V9_1 Liftoff CDS     21424959        21425296        .       -
        0       Parent=Smp_083410.1
SM_V9_1 Liftoff CDS     21425330        21425564        .       -
        1       Parent=Smp_083410.1
SM_V9_1 Liftoff CDS     21425599        21425782        .       -
        2       Parent=Smp_083410.1
SM_V9_1 Liftoff CDS     21425817        21426063        .       -
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SM_V9_1 Liftoff gene    21437344        21460115        .       +
        .       ID=Smp_083400;geneID=Smp_083400
SM_V9_1 Liftoff mRNA    21437344        21460115        .       +
        .
ID=Smp_083400.1;Parent=Smp_083400;geneID=Smp_083400;product=Ubiquiti
n-conjugating enzyme E2
N;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_1 Liftoff exon    21437344        21454683        .       +
        .       Parent=Smp_083400.1
SM_V9_1 Liftoff exon    21454723        21454969        .       +
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SM_V9_1 Liftoff exon    21457077        21457217        .       +
        .       Parent=Smp_083400.1
SM_V9_1 Liftoff exon    21458945        21460115        .       +
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SM_V9_1 Liftoff CDS     21454654        21454683        .       +
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SM_V9_1 Liftoff CDS     21454723        21454969        .       +
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SM_V9_1 Liftoff CDS     21457077        21457217        .       +
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SM_V9_1 Liftoff CDS     21458945        21458982        .       +
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        .       ID=Smp_167360;geneID=Smp_167360
SM_V9_1 Liftoff mRNA    21466345        21505260        .       -
        .
ID=Smp_167360.1;Parent=Smp_167360;geneID=Smp_167360;product=BTB/POZ
domain-containing protein 7
SM_V9_1 Liftoff exon    21466345        21468822        .       -
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        .       Parent=Smp_167360.1
SM_V9_1 Liftoff exon    21482607        21483122        .       -
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SM_V9_1 Liftoff exon    21488494        21488853        .       -
        .       Parent=Smp_167360.1
SM_V9_1 Liftoff exon    21491011        21491699        .       -
        .       Parent=Smp_167360.1
SM_V9_1 Liftoff exon    21492963        21493077        .       -
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SM_V9_1 Liftoff exon    21496051        21496598        .       -
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SM_V9_1 Liftoff exon    21497264        21498698        .       -
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SM_V9_1 Liftoff CDS     21467794        21468822        .       -
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SM_V9_1 Liftoff CDS     21475368        21475985        .       -
        0       Parent=Smp_167360.1
SM_V9_1 Liftoff CDS     21482607        21483122        .       -
        0       Parent=Smp_167360.1
SM_V9_1 Liftoff CDS     21488494        21488853        .       -
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SM_V9_1 Liftoff CDS     21491011        21491699        .       -
        2       Parent=Smp_167360.1
SM_V9_1 Liftoff CDS     21492963        21493077        .       -
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SM_V9_1 Liftoff CDS     21496051        21496598        .       -
        2       Parent=Smp_167360.1
SM_V9_1 Liftoff CDS     21497264        21498698        .       -
        0       Parent=Smp_167360.1
SM_V9_1 Liftoff CDS     21501839        21502489        .       -
        0       Parent=Smp_167360.1
SM_V9_1 Liftoff gene    21508954        21520773        .       +
        .       ID=Smp_083380;geneID=Smp_083380
SM_V9_1 Liftoff mRNA    21508954        21520773        .       +
        .
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coil domain-containing protein
149;polypeptide_domain=InterPro:IPR019179 Pfam:PF09789
SM_V9_1 Liftoff exon    21508954        21512937        .       +
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SM_V9_1 Liftoff exon    21512981        21513025        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff exon    21513065        21513178        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff exon    21513212        21513310        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff exon    21513347        21513565        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff exon    21514114        21514286        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff exon    21516275        21516347        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff exon    21518284        21518368        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff exon    21520103        21520773        .       +
        .       Parent=Smp_083380.1
SM_V9_1 Liftoff CDS     21512935        21512937        .       +
        0       Parent=Smp_083380.1
SM_V9_1 Liftoff CDS     21512981        21513025        .       +
        0       Parent=Smp_083380.1
SM_V9_1 Liftoff CDS     21513065        21513178        .       +
        0       Parent=Smp_083380.1
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SM_V9_1 Liftoff CDS     21513212        21513310        .       +
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SM_V9_1 Liftoff CDS     21513347        21513565        .       +
        0       Parent=Smp_083380.1
SM_V9_1 Liftoff CDS     21514114        21514286        .       +
        0       Parent=Smp_083380.1
SM_V9_1 Liftoff CDS     21516275        21516347        .       +
        1       Parent=Smp_083380.1
SM_V9_1 Liftoff CDS     21518284        21518368        .       +
        0       Parent=Smp_083380.1
SM_V9_1 Liftoff CDS     21520103        21520116        .       +
        2       Parent=Smp_083380.1
SM_V9_1 Liftoff gene    21527832        21563940        .       -
        .
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SM_V9_1 Liftoff mRNA    21527832        21563940        .       -
        .
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ankyrin repeat domain-containing protein
19;polypeptide_domain=InterPro:IPR002110,IPR020683;Ontology_term=GO:
0005515
SM_V9_1 Liftoff exon    21527832        21528302        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21530178        21530398        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21537123        21537474        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21540860        21541212        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21543617        21543799        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21545392        21545847        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21549260        21549771        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21550740        21550917        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21552605        21552757        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21553698        21553919        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21554698        21554814        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff exon    21563157        21563940        .       -
        .       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21527964        21528302        .       -
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SM_V9_1 Liftoff CDS     21530178        21530398        .       -
        2       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21537123        21537474        .       -
        0       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21540860        21541212        .       -
        2       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21543617        21543799        .       -
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        2       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21549260        21549771        .       -
        1       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21550740        21550917        .       -
        2       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21552605        21552757        .       -
        2       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21553698        21553919        .       -
        2       Parent=Smp_308030.1
SM_V9_1 Liftoff CDS     21554698        21554814        .       -
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SM_V9_1 Liftoff CDS     21563157        21563631        .       -
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SM_V9_1 Liftoff gene    21569168        21572670        .       -
        .
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SM_V9_1 Liftoff mRNA    21569168        21572670        .       -
        .
ID=Smp_308040.1;Parent=Smp_308040;geneID=Smp_308040;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    21569168        21572670        .       -
        .       Parent=Smp_308040.1
SM_V9_1 Liftoff CDS     21569381        21572251        .       -
        0       Parent=Smp_308040.1
SM_V9_1 iris    gene    21638993        21647684        .       -
        .
ID=Smp_083340;geneID=Smp_083340;gene_name=Smp_083340;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    21638993        21647684        .       -
        .
ID=Smp_083340.1;Parent=Smp_083340;geneID=Smp_083340;gene_name=Smp_08
3340;owner=irisadmin@local.host;orig_id=Smp_083340.1;date_last_modif
ied=2022-07-19;Name=Smp_083340.1;product=La-related protein
1;date_creation=2022-07-19
SM_V9_1 iris    exon    21638993        21641464        .       -
        .
Parent=Smp_083340.1;Name=cdea189e-45c0-40e5-9a76-0180adb9ccfc
SM_V9_1 iris    exon    21642425        21643058        .       -
        .       Parent=Smp_083340.1;Name=e6ae6465-2493-485e-aa7d-
c9f00707f28f
SM_V9_1 iris    exon    21646522        21647259        .       -
        .       Parent=Smp_083340.1;Name=0a9c70e7-725c-4b2c-8b8e-
cd3b4a7faf38
SM_V9_1 iris    exon    21647293        21647400        .       -
        .
Parent=Smp_083340.1;Name=b1f9fc1a-25d7-40c7-9a1a-77635c87d8a7
SM_V9_1 iris    exon    21647433        21647684        .       -
        .       Parent=Smp_083340.1;Name=7690bd62-6fa9-4049-8480-
f8e79f51385c
SM_V9_1 iris    CDS     21639910        21641464        .       -
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SM_V9_1 iris    CDS     21642425        21643058        .       -
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        2       Parent=Smp_083340.1
SM_V9_1 iris    CDS     21646522        21647259        .       -
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SM_V9_1 iris    CDS     21647293        21647400        .       -
        2       Parent=Smp_083340.1
SM_V9_1 iris    CDS     21647433        21647565        .       -
        0       Parent=Smp_083340.1
SM_V9_1 Liftoff gene    21661078        21688842        .       +
        .       ID=Smp_167330;geneID=Smp_167330
SM_V9_1 Liftoff mRNA    21661078        21688842        .       +
        .
ID=Smp_167330.1;Parent=Smp_167330;geneID=Smp_167330;product=Succinat
e--CoA ligase [ADP-forming] subunit beta,
mitochondrial;polypeptide_domain=InterPro:IPR005809,IPR005811,IPR013
650,IPR013815,IPR016102,IPR017866
Pfam:PF00549,PF08442;Ontology_term=GO:0003824,GO:0005524,GO:0006099,
GO:0008152
SM_V9_1 Liftoff exon    21661078        21661170        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21661210        21661342        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21666368        21666400        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21668723        21668834        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21673170        21673413        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21674365        21674545        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21678343        21678504        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21680809        21681072        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21683961        21684049        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff exon    21686756        21688842        .       +
        .       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21661126        21661170        .       +
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SM_V9_1 Liftoff CDS     21661210        21661342        .       +
        0       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21666368        21666400        .       +
        2       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21668723        21668834        .       +
        2       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21673170        21673413        .       +
        1       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21674365        21674545        .       +
        0       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21678343        21678504        .       +
        2       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21680809        21681072        .       +
        2       Parent=Smp_167330.1
SM_V9_1 Liftoff CDS     21683961        21684049        .       +
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        .
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SM_V9_1 iris    mRNA    21723004        21755274        .       -
        .
ID=Smp_345720.1;Parent=Smp_345720;geneID=Smp_345720;gene_name=Smp_34
5720;owner=irisadmin@local.host;orig_id=Smp_345720.1;date_last_modif
ied=2022-07-19;Name=Smp_345720.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_1 iris    exon    21723004        21725109        .       -
        .       Parent=Smp_345720.1;Name=7483fb3f-9669-43c9-
bbf2-7db371ab4a21
SM_V9_1 iris    exon    21733177        21733715        .       -
        .
Parent=Smp_345720.1;Name=0930bc04-7bb7-4b50-9de5-1252e8395052
SM_V9_1 iris    exon    21752457        21755274        .       -
        .
Parent=Smp_345720.1;Name=c20d8179-727a-4c3c-858c-70b6a3fd4577
SM_V9_1 iris    CDS     21724468        21725109        .       -
        0       Parent=Smp_345720.1
SM_V9_1 iris    CDS     21733177        21733715        .       -
        2       Parent=Smp_345720.1
SM_V9_1 iris    CDS     21752457        21754092        .       -
        0       Parent=Smp_345720.1
SM_V9_1 Liftoff gene    21857602        21859144        .       -
        .       ID=Smp_325900;geneID=Smp_325900
SM_V9_1 Liftoff mRNA    21857602        21859144        .       -
        .
ID=Smp_325900.1;Parent=Smp_325900;geneID=Smp_325900;product=Cysteiny
l leukotriene receptor
1;polypeptide_domain=InterPro:IPR017452;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    21857602        21859144        .       -
        .       Parent=Smp_325900.1
SM_V9_1 Liftoff CDS     21857802        21859127        .       -
        0       Parent=Smp_325900.1
SM_V9_1 Liftoff gene    21870861        21880234        .       -
        .       ID=Smp_167310;geneID=Smp_167310
SM_V9_1 Liftoff mRNA    21870861        21880234        .       -
        .
ID=Smp_167310.1;Parent=Smp_167310;geneID=Smp_167310;product=Methiony
l-tRNA formyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR002376
Pfam:PF00551;Ontology_term=GO:0009058,GO:0016742
SM_V9_1 Liftoff exon    21870861        21871430        .       -
        .       Parent=Smp_167310.1
SM_V9_1 Liftoff exon    21873114        21873485        .       -
        .       Parent=Smp_167310.1
SM_V9_1 Liftoff exon    21875279        21875706        .       -
        .       Parent=Smp_167310.1
SM_V9_1 Liftoff exon    21877272        21880234        .       -
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        .       Parent=Smp_167310.1
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SM_V9_1 Liftoff CDS     21873114        21873485        .       -
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SM_V9_1 Liftoff CDS     21875279        21875706        .       -
        2       Parent=Smp_167310.1
SM_V9_1 Liftoff CDS     21877272        21877500        .       -
        0       Parent=Smp_167310.1
SM_V9_1 Liftoff gene    21891138        21899356        .       +
        .       ID=Smp_167300;geneID=Smp_167300
SM_V9_1 Liftoff mRNA    21891138        21899356        .       +
        .
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finger SWIM domain-containing protein
3;polypeptide_domain=InterPro:IPR007527,IPR018289
Pfam:PF10551;Ontology_term=GO:0008270
SM_V9_1 Liftoff exon    21891138        21893637        .       +
        .       Parent=Smp_167300.1
SM_V9_1 Liftoff exon    21893681        21893913        .       +
        .       Parent=Smp_167300.1
SM_V9_1 Liftoff exon    21893958        21894138        .       +
        .       Parent=Smp_167300.1
SM_V9_1 Liftoff exon    21894191        21894449        .       +
        .       Parent=Smp_167300.1
SM_V9_1 Liftoff exon    21894490        21894551        .       +
        .       Parent=Smp_167300.1
SM_V9_1 Liftoff exon    21894602        21895203        .       +
        .       Parent=Smp_167300.1
SM_V9_1 Liftoff exon    21896684        21899356        .       +
        .       Parent=Smp_167300.1
SM_V9_1 Liftoff CDS     21893435        21893637        .       +
        0       Parent=Smp_167300.1
SM_V9_1 Liftoff CDS     21893681        21893913        .       +
        1       Parent=Smp_167300.1
SM_V9_1 Liftoff CDS     21893958        21894138        .       +
        2       Parent=Smp_167300.1
SM_V9_1 Liftoff CDS     21894191        21894449        .       +
        1       Parent=Smp_167300.1
SM_V9_1 Liftoff CDS     21894490        21894551        .       +
        0       Parent=Smp_167300.1
SM_V9_1 Liftoff CDS     21894602        21895203        .       +
        1       Parent=Smp_167300.1
SM_V9_1 Liftoff CDS     21896684        21896928        .       +
        2       Parent=Smp_167300.1
SM_V9_1 iris    gene    21900589        21938954        .       -
        .
ID=Smp_167290;geneID=Smp_167290;gene_name=Smp_167290;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    21900589        21938954        .       -
        .
ID=Smp_167290.1;Parent=Smp_167290;geneID=Smp_167290;gene_name=Smp_16
7290;owner=irisadmin@local.host;orig_id=Smp_167290.1;date_last_modif
ied=2022-08-02;Name=Smp_167290.1;product=Nuclear pore complex
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protein Nup133;date_creation=2022-07-27
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be31-7a2d263b35de
SM_V9_1 iris    exon    21903247        21903335        .       -
        .       Parent=Smp_167290.1;Name=21657e81-6d67-4020-
bd0a-0dca1ad5a63c
SM_V9_1 iris    exon    21904736        21905142        .       -
        .       Parent=Smp_167290.1;Name=deb90dae-2ec2-49d9-
aed0-3ab333d04e58
SM_V9_1 iris    exon    21906649        21906921        .       -
        .       Parent=Smp_167290.1;Name=138893cb-188a-4510-929d-
f03aa59b0804
SM_V9_1 iris    exon    21908779        21909210        .       -
        .       Parent=Smp_167290.1;Name=50078481-d9ee-445b-
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SM_V9_1 iris    exon    21910522        21910787        .       -
        .       Parent=Smp_167290.1;Name=8e843e2d-151b-4747-bdaf-
b89eb165a718
SM_V9_1 iris    exon    21912930        21913308        .       -
        .       Parent=Smp_167290.1;Name=fdbd041c-67fd-42b7-
aa75-9fbb1ea72142
SM_V9_1 iris    exon    21915298        21915471        .       -
        .       Parent=Smp_167290.1;Name=a5642426-
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SM_V9_1 iris    exon    21916755        21917028        .       -
        .
Parent=Smp_167290.1;Name=6a96346e-4a67-4c02-9b30-39e5d247bd57
SM_V9_1 iris    exon    21921957        21922933        .       -
        .       Parent=Smp_167290.1;Name=5e7e898b-30b9-4cf0-a751-
b910720175f2
SM_V9_1 iris    exon    21923821        21924052        .       -
        .       Parent=Smp_167290.1;Name=e7beb5e6-
bc8a-424c-95d1-8971cb34f19c
SM_V9_1 iris    exon    21925651        21925969        .       -
        .       Parent=Smp_167290.1;Name=21059244-86c8-4a1d-8315-
a69947b17455
SM_V9_1 iris    exon    21927944        21928349        .       -
        .       Parent=Smp_167290.1;Name=25797f6b-c16a-4dea-
a985-11379cde13eb
SM_V9_1 iris    exon    21929288        21929410        .       -
        .       Parent=Smp_167290.1;Name=dc3daf06-78d3-4381-
b514-2862d9eb2af0
SM_V9_1 iris    exon    21932211        21932378        .       -
        .       Parent=Smp_167290.1;Name=d285bdb2-
ff46-4973-9f38-782ba47cfabf
SM_V9_1 iris    exon    21935501        21935566        .       -
        .
Parent=Smp_167290.1;Name=1ef1160f-6469-4e20-8659-33afeb909a0d
SM_V9_1 iris    exon    21937247        21937507        .       -
        .       Parent=Smp_167290.1;Name=64df2d68-a237-4ce8-aa4c-
ce26a0016ebd
SM_V9_1 iris    exon    21937620        21937714        .       -
        .       Parent=Smp_167290.1;Name=e0015077-0399-4faa-a0cf-
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cac912870150
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SM_V9_1 iris    exon    21938906        21938954        .       -
        .       Parent=Smp_167290.1;Name=749b51ab-bf64-4894-
b3cf-057f01db34d5
SM_V9_1 iris    CDS     21900684        21900871        .       -
        2       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21903247        21903335        .       -
        1       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21904736        21905142        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21906649        21906921        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21908779        21909210        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21910522        21910787        .       -
        2       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21912930        21913308        .       -
        0       Parent=Smp_167290.1
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        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21916755        21917028        .       -
        1       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21921957        21922933        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21923821        21924052        .       -
        1       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21925651        21925969        .       -
        2       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21927944        21928349        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21929288        21929410        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21932211        21932378        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21935501        21935566        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21937247        21937507        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21937620        21937714        .       -
        2       Parent=Smp_167290.1
SM_V9_1 iris    CDS     21937756        21937900        .       -
        0       Parent=Smp_167290.1
SM_V9_1 iris    gene    21956078        21965812        .       +
        .
ID=Smp_083240;geneID=Smp_083240;gene_name=Smp_083240;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_1 iris    mRNA    21956078        21965812        .       +
        .
ID=Smp_083240.1;Parent=Smp_083240;geneID=Smp_083240;gene_name=Smp_08
3240;owner=irisadmin@local.host;orig_id=Smp_083240.1;date_last_modif
ied=2022-07-27;Name=Smp_083240.1;product=Natterin-4;date_creation=20
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22-07-27
SM_V9_1 iris    exon    21956078        21956208        .       +
        .       Parent=Smp_083240.1;Name=be57ce23-998b-49cf-826c-
d56eab2eab65
SM_V9_1 iris    exon    21963041        21963304        .       +
        .       Parent=Smp_083240.1;Name=44395392-b49e-445d-87b8-
d3e31f6365fe
SM_V9_1 iris    exon    21964025        21964151        .       +
        .       Parent=Smp_083240.1;Name=5683555e-9266-431f-92fe-
f9f9aed82a1e
SM_V9_1 iris    exon    21965641        21965812        .       +
        .       Parent=Smp_083240.1;Name=18087ccf-
ef5a-4700-9fd0-69df9036656a
SM_V9_1 iris    CDS     21963054        21963304        .       +
        0       Parent=Smp_083240.1
SM_V9_1 iris    CDS     21964025        21964151        .       +
        1       Parent=Smp_083240.1
SM_V9_1 iris    CDS     21965641        21965733        .       +
        0       Parent=Smp_083240.1
SM_V9_1 Liftoff gene    21971468        21977522        .       +
        .       ID=Smp_167280;geneID=Smp_167280
SM_V9_1 Liftoff mRNA    21971468        21977522        .       +
        .
ID=Smp_167280.1;Parent=Smp_167280;geneID=Smp_167280;product=Natterin
-4;polypeptide_domain=InterPro:IPR006616,IPR024518 Pfam:PF11901
SM_V9_1 Liftoff exon    21971468        21975226        .       +
        .       Parent=Smp_167280.1
SM_V9_1 Liftoff exon    21976101        21976227        .       +
        .       Parent=Smp_167280.1
SM_V9_1 Liftoff exon    21977291        21977522        .       +
        .       Parent=Smp_167280.1
SM_V9_1 Liftoff CDS     21974979        21975226        .       +
        0       Parent=Smp_167280.1
SM_V9_1 Liftoff CDS     21976101        21976227        .       +
        1       Parent=Smp_167280.1
SM_V9_1 Liftoff CDS     21977291        21977383        .       +
        0       Parent=Smp_167280.1
SM_V9_1 iris    gene    21987292        21994902        .       -
        .
ID=Smp_331910;geneID=Smp_331910;gene_name=Smp_331910;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    21987292        21994902        .       -
        .
ID=Smp_331910.1;Parent=Smp_331910;geneID=Smp_331910;gene_name=Smp_33
1910;owner=irisadmin@local.host;orig_id=Smp_331910.1;date_last_modif
ied=2022-08-02;Name=Smp_331910.1;product=Natterin-3;date_creation=20
22-07-27
SM_V9_1 iris    exon    21987292        21987543        .       -
        .       Parent=Smp_331910.1;Name=656bbdd2-89d2-4494-a55d-
b3549656b6d7
SM_V9_1 iris    exon    21988704        21988827        .       -
        .       Parent=Smp_331910.1;Name=b7dc76fe-3dbe-4fb8-
a73c-1b035c595141
SM_V9_1 iris    exon    21991693        21991956        .       -
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        .       Parent=Smp_331910.1;Name=b4d0aa64-b319-478c-
bb30-089279de05ac
SM_V9_1 iris    exon    21994826        21994902        .       -
        .       Parent=Smp_331910.1;Name=6ba3691a-f2cf-4947-
af52-50b5bbe4ef21
SM_V9_1 iris    CDS     21987448        21987543        .       -
        0       Parent=Smp_331910.1
SM_V9_1 iris    CDS     21988704        21988827        .       -
        1       Parent=Smp_331910.1
SM_V9_1 iris    CDS     21991693        21991940        .       -
        0       Parent=Smp_331910.1
SM_V9_1 iris    gene    22046343        22087482        .       -
        .
ID=Smp_194030;geneID=Smp_194030;gene_name=Smp_194030;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_1 iris    mRNA    22046343        22087482        .       -
        .
ID=Smp_194030.1;Parent=Smp_194030;geneID=Smp_194030;gene_name=Smp_19
4030;owner=irisadmin@local.host;orig_id=Smp_194030.1;date_last_modif
ied=2022-07-19;Name=Smp_194030.1;product=G-protein-signaling
modulator 2;date_creation=2022-07-19
SM_V9_1 iris    exon    22046343        22048250        .       -
        .       Parent=Smp_194030.1;Name=1ba6d77d-fa02-4ef2-a60c-
f39e30d3fd1d
SM_V9_1 iris    exon    22051055        22051471        .       -
        .       Parent=Smp_194030.1;Name=14d3b830-4d37-4716-acc6-
b42e51d65321
SM_V9_1 iris    exon    22052843        22053340        .       -
        .       Parent=Smp_194030.1;Name=7654aaf9-1e65-457a-8d32-
fa10d98072c8
SM_V9_1 iris    exon    22054652        22054695        .       -
        .       Parent=Smp_194030.1;Name=5fd3d1a0-
e5b1-4ae0-8e9d-539e9b2ccdd8
SM_V9_1 iris    exon    22063458        22064289        .       -
        .
Parent=Smp_194030.1;Name=0c17a39f-22b9-4eb4-9620-5e75de4bb07f
SM_V9_1 iris    exon    22069588        22069852        .       -
        .       Parent=Smp_194030.1;Name=262c4fb4-0f97-467c-8f9a-
df391ef44de2
SM_V9_1 iris    exon    22073174        22073289        .       -
        .       Parent=Smp_194030.1;Name=87c13f7d-
d90b-4e3f-805c-90f91cb3d9d1
SM_V9_1 iris    exon    22076190        22076313        .       -
        .
Parent=Smp_194030.1;Name=829911f2-255d-4859-8638-9fd0fe672b21
SM_V9_1 iris    exon    22079927        22080057        .       -
        .       Parent=Smp_194030.1;Name=e33fc54b-8ea0-4c45-9624-
ce353e90ab7f
SM_V9_1 iris    exon    22084258        22084393        .       -
        .       Parent=Smp_194030.1;Name=aeda107f-7687-4b19-
a5fe-7df25b21c67c
SM_V9_1 iris    exon    22085558        22085822        .       -
        .       Parent=Smp_194030.1;Name=147be2df-
efed-408f-8418-5d722025bd72
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SM_V9_1 iris    exon    22087424        22087482        .       -
        .       Parent=Smp_194030.1;Name=a10cdce1-5d57-40ec-888f-
b3cf8c1d37bd
SM_V9_1 iris    CDS     22047915        22048250        .       -
        0       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22051055        22051471        .       -
        0       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22052843        22053340        .       -
        0       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22054652        22054695        .       -
        2       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22063458        22064289        .       -
        0       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22069588        22069852        .       -
        1       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22073174        22073289        .       -
        0       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22076190        22076313        .       -
        1       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22079927        22080057        .       -
        0       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22084258        22084393        .       -
        1       Parent=Smp_194030.1
SM_V9_1 iris    CDS     22085558        22085799        .       -
        0       Parent=Smp_194030.1
SM_V9_1 Liftoff gene    22113096        22114156        .       +
        .       ID=Smp_120700;geneID=Smp_120700
SM_V9_1 Liftoff mRNA    22113096        22114156        .       +
        .
ID=Smp_120700.1;Parent=Smp_120700;geneID=Smp_120700;product=Cofilin;
polypeptide_domain=InterPro:IPR002108,IPR017904,IPR029006
Pfam:PF00241;Ontology_term=GO:0003779,GO:0005622,GO:0015629,GO:00300
42
SM_V9_1 Liftoff exon    22113096        22113174        .       +
        .       Parent=Smp_120700.1
SM_V9_1 Liftoff exon    22113264        22113396        .       +
        .       Parent=Smp_120700.1
SM_V9_1 Liftoff exon    22113427        22113547        .       +
        .       Parent=Smp_120700.1
SM_V9_1 Liftoff exon    22113585        22114156        .       +
        .       Parent=Smp_120700.1
SM_V9_1 Liftoff CDS     22113172        22113174        .       +
        0       Parent=Smp_120700.1
SM_V9_1 Liftoff CDS     22113264        22113396        .       +
        0       Parent=Smp_120700.1
SM_V9_1 Liftoff CDS     22113427        22113547        .       +
        2       Parent=Smp_120700.1
SM_V9_1 Liftoff CDS     22113585        22113735        .       +
        1       Parent=Smp_120700.1
SM_V9_1 Liftoff gene    22140966        22150700        .       +
        .       ID=Smp_194040;geneID=Smp_194040
SM_V9_1 Liftoff mRNA    22140966        22150700        .       +
        .
ID=Smp_194040.1;Parent=Smp_194040;geneID=Smp_194040;product=Hypothet
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ical protein
SM_V9_1 Liftoff exon    22140966        22147009        .       +
        .       Parent=Smp_194040.1
SM_V9_1 Liftoff exon    22149869        22150700        .       +
        .       Parent=Smp_194040.1
SM_V9_1 Liftoff CDS     22146934        22147009        .       +
        0       Parent=Smp_194040.1
SM_V9_1 Liftoff CDS     22149869        22150332        .       +
        2       Parent=Smp_194040.1
SM_V9_1 Liftoff gene    22170572        22174902        .       -
        .       ID=Smp_194050;geneID=Smp_194050
SM_V9_1 Liftoff mRNA    22170572        22174902        .       -
        .
ID=Smp_194050.1;Parent=Smp_194050;geneID=Smp_194050;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    22170572        22171976        .       -
        .       Parent=Smp_194050.1
SM_V9_1 Liftoff exon    22173259        22174902        .       -
        .       Parent=Smp_194050.1
SM_V9_1 Liftoff CDS     22170844        22171976        .       -
        2       Parent=Smp_194050.1
SM_V9_1 Liftoff CDS     22173259        22173340        .       -
        0       Parent=Smp_194050.1
SM_V9_1 Liftoff gene    22181295        22185972        .       -
        .       ID=Smp_325980;geneID=Smp_325980
SM_V9_1 Liftoff mRNA    22181295        22185972        .       -
        .
ID=Smp_325980.1;Parent=Smp_325980;geneID=Smp_325980;product=Ubiquiti
n-like modifier-activating enzyme atg7
SM_V9_1 Liftoff exon    22181295        22181746        .       -
        .       Parent=Smp_325980.1
SM_V9_1 Liftoff exon    22183968        22185972        .       -
        .       Parent=Smp_325980.1
SM_V9_1 Liftoff CDS     22181595        22181746        .       -
        2       Parent=Smp_325980.1
SM_V9_1 Liftoff CDS     22183968        22184049        .       -
        0       Parent=Smp_325980.1
SM_V9_1 Liftoff gene    22196576        22204420        .       +
        .       ID=Smp_093310;geneID=Smp_093310
SM_V9_1 Liftoff mRNA    22196576        22204420        .       +
        .
ID=Smp_093310.1;Parent=Smp_093310;geneID=Smp_093310;product=Transcri
ption factor
E2F5;polypeptide_domain=InterPro:IPR003316,IPR011991,IPR032198
Pfam:PF02319,PF16421;Ontology_term=GO:0003700,GO:0005667,GO:0006355,
GO:0046983
SM_V9_1 Liftoff exon    22196576        22196769        .       +
        .       Parent=Smp_093310.1
SM_V9_1 Liftoff exon    22196807        22196916        .       +
        .       Parent=Smp_093310.1
SM_V9_1 Liftoff exon    22199912        22200236        .       +
        .       Parent=Smp_093310.1
SM_V9_1 Liftoff exon    22201759        22201900        .       +
        .       Parent=Smp_093310.1
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SM_V9_1 Liftoff exon    22204247        22204420        .       +
        .       Parent=Smp_093310.1
SM_V9_1 Liftoff CDS     22196614        22196769        .       +
        0       Parent=Smp_093310.1
SM_V9_1 Liftoff CDS     22196807        22196916        .       +
        0       Parent=Smp_093310.1
SM_V9_1 Liftoff CDS     22199912        22200236        .       +
        1       Parent=Smp_093310.1
SM_V9_1 Liftoff CDS     22201759        22201900        .       +
        0       Parent=Smp_093310.1
SM_V9_1 Liftoff CDS     22204247        22204383        .       +
        2       Parent=Smp_093310.1
SM_V9_1 Liftoff gene    22204423        22209082        .       -
        .       ID=Smp_093320;geneID=Smp_093320
SM_V9_1 Liftoff mRNA    22204423        22209082        .       -
        .
ID=Smp_093320.1;Parent=Smp_093320;geneID=Smp_093320;product=H/ACA
ribonucleoprotein complex subunit
3;polypeptide_domain=InterPro:IPR007264
Pfam:PF04135;Ontology_term=GO:0001522,GO:0030515,GO:0042254
SM_V9_1 Liftoff exon    22204423        22204592        .       -
        .       Parent=Smp_093320.1
SM_V9_1 Liftoff exon    22208965        22209082        .       -
        .       Parent=Smp_093320.1
SM_V9_1 Liftoff CDS     22204452        22204592        .       -
        0       Parent=Smp_093320.1
SM_V9_1 Liftoff CDS     22208965        22209018        .       -
        0       Parent=Smp_093320.1
SM_V9_1 iris    gene    22220127        22234610        .       -
        .
ID=Smp_346190;geneID=Smp_346190;gene_name=Smp_346190;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    22220127        22234610        .       -
        .
ID=Smp_346190.1;Parent=Smp_346190;geneID=Smp_346190;gene_name=Smp_34
6190;owner=irisadmin@local.host;orig_id=Smp_346190.1;date_last_modif
ied=2022-08-02;Name=Smp_346190.1;product=TIMELESS-interacting
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    22220127        22221010        .       -
        .       Parent=Smp_346190.1;Name=92608858-b26f-4897-
af0e-4fb0f6113c22
SM_V9_1 iris    exon    22222311        22222554        .       -
        .       Parent=Smp_346190.1;Name=b8628be4-cf30-4787-
abac-843c449ffec0
SM_V9_1 iris    exon    22225227        22225490        .       -
        .       Parent=Smp_346190.1;Name=068fe2ec-2034-4151-
aa18-246c22677edf
SM_V9_1 iris    exon    22228093        22228168        .       -
        .
Parent=Smp_346190.1;Name=08209f2d-4a89-4eff-8f51-550033973fe3
SM_V9_1 iris    exon    22232840        22232939        .       -
        .       Parent=Smp_346190.1;Name=c22d787f-
c45c-41a2-92ae-78d6c1be95d0
SM_V9_1 iris    exon    22234098        22234610        .       -
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        .       Parent=Smp_346190.1;Name=e1b17b4b-669c-4717-84a0-
fc004cd5a4bd
SM_V9_1 iris    CDS     22220685        22221010        .       -
        2       Parent=Smp_346190.1
SM_V9_1 iris    CDS     22222311        22222554        .       -
        0       Parent=Smp_346190.1
SM_V9_1 iris    CDS     22225227        22225490        .       -
        0       Parent=Smp_346190.1
SM_V9_1 iris    CDS     22228093        22228168        .       -
        1       Parent=Smp_346190.1
SM_V9_1 iris    CDS     22232840        22232939        .       -
        2       Parent=Smp_346190.1
SM_V9_1 iris    CDS     22234098        22234473        .       -
        0       Parent=Smp_346190.1
SM_V9_1 Liftoff gene    22236481        22247488        .       -
        .       ID=Smp_173280;geneID=Smp_173280
SM_V9_1 Liftoff mRNA    22236481        22247488        .       -
        .
ID=Smp_173280.1;Parent=Smp_173280;geneID=Smp_173280;product=peptidyl
prolyl cis trans isomerase H;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR002130,IPR020892,IPR024936,
IPR029000
Pfam:PF00160;Ontology_term=GO:0000413,GO:0003755,GO:0006457
SM_V9_1 Liftoff exon    22236481        22236744        .       -
        .       Parent=Smp_173280.1
SM_V9_1 Liftoff exon    22240499        22240586        .       -
        .       Parent=Smp_173280.1
SM_V9_1 Liftoff exon    22242680        22242775        .       -
        .       Parent=Smp_173280.1
SM_V9_1 Liftoff exon    22244308        22244419        .       -
        .       Parent=Smp_173280.1
SM_V9_1 Liftoff exon    22245343        22245407        .       -
        .       Parent=Smp_173280.1
SM_V9_1 Liftoff exon    22247399        22247488        .       -
        .       Parent=Smp_173280.1
SM_V9_1 Liftoff CDS     22236635        22236744        .       -
        2       Parent=Smp_173280.1
SM_V9_1 Liftoff CDS     22240499        22240586        .       -
        0       Parent=Smp_173280.1
SM_V9_1 Liftoff CDS     22242680        22242775        .       -
        0       Parent=Smp_173280.1
SM_V9_1 Liftoff CDS     22244308        22244419        .       -
        1       Parent=Smp_173280.1
SM_V9_1 Liftoff CDS     22245343        22245407        .       -
        0       Parent=Smp_173280.1
SM_V9_1 Liftoff CDS     22247399        22247485        .       -
        0       Parent=Smp_173280.1
SM_V9_1 Liftoff gene    22248720        22263676        .       -
        .       ID=Smp_173250;geneID=Smp_173250
SM_V9_1 Liftoff mRNA    22248720        22263676        .       -
        .
ID=Smp_173250.1;Parent=Smp_173250;geneID=Smp_173250;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    22248720        22249557        .       -
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        .       Parent=Smp_173250.1
SM_V9_1 Liftoff exon    22251350        22253285        .       -
        .       Parent=Smp_173250.1
SM_V9_1 Liftoff exon    22255351        22255854        .       -
        .       Parent=Smp_173250.1
SM_V9_1 Liftoff exon    22257430        22257955        .       -
        .       Parent=Smp_173250.1
SM_V9_1 Liftoff exon    22258974        22259360        .       -
        .       Parent=Smp_173250.1
SM_V9_1 Liftoff exon    22262083        22262454        .       -
        .       Parent=Smp_173250.1
SM_V9_1 Liftoff exon    22263494        22263676        .       -
        .       Parent=Smp_173250.1
SM_V9_1 Liftoff CDS     22248993        22249557        .       -
        1       Parent=Smp_173250.1
SM_V9_1 Liftoff CDS     22251350        22253285        .       -
        2       Parent=Smp_173250.1
SM_V9_1 Liftoff CDS     22255351        22255854        .       -
        2       Parent=Smp_173250.1
SM_V9_1 Liftoff CDS     22257430        22257955        .       -
        0       Parent=Smp_173250.1
SM_V9_1 Liftoff CDS     22258974        22259360        .       -
        0       Parent=Smp_173250.1
SM_V9_1 Liftoff CDS     22262083        22262454        .       -
        0       Parent=Smp_173250.1
SM_V9_1 Liftoff CDS     22263494        22263655        .       -
        0       Parent=Smp_173250.1
SM_V9_1 Liftoff gene    22271596        22299242        .       -
        .       ID=Smp_035540;geneID=Smp_035540
SM_V9_1 Liftoff mRNA    22271596        22299242        .       -
        .
ID=Smp_035540.1;Parent=Smp_035540;geneID=Smp_035540;product=Zinc
finger SWIM domain-containing protein
3;polypeptide_domain=InterPro:IPR007527;Ontology_term=GO:0008270
SM_V9_1 Liftoff exon    22271596        22297813        .       -
        .       Parent=Smp_035540.1
SM_V9_1 Liftoff exon    22297850        22298400        .       -
        .       Parent=Smp_035540.1
SM_V9_1 Liftoff exon    22298431        22298492        .       -
        .       Parent=Smp_035540.1
SM_V9_1 Liftoff exon    22298528        22298786        .       -
        .       Parent=Smp_035540.1
SM_V9_1 Liftoff exon    22298819        22298996        .       -
        .       Parent=Smp_035540.1
SM_V9_1 Liftoff exon    22299031        22299242        .       -
        .       Parent=Smp_035540.1
SM_V9_1 Liftoff CDS     22297566        22297813        .       -
        2       Parent=Smp_035540.1
SM_V9_1 Liftoff CDS     22297850        22298400        .       -
        1       Parent=Smp_035540.1
SM_V9_1 Liftoff CDS     22298431        22298492        .       -
        0       Parent=Smp_035540.1
SM_V9_1 Liftoff CDS     22298528        22298786        .       -
        1       Parent=Smp_035540.1
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SM_V9_1 Liftoff CDS     22298819        22298996        .       -
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SM_V9_1 Liftoff CDS     22299031        22299205        .       -
        0       Parent=Smp_035540.1
SM_V9_1 Liftoff gene    22316916        22322689        .       +
        .       ID=Smp_035550;geneID=Smp_035550
SM_V9_1 Liftoff mRNA    22316916        22322689        .       +
        .
ID=Smp_035550.1;Parent=Smp_035550;geneID=Smp_035550;product=Natterin
-4;polypeptide_domain=InterPro:IPR006616,IPR024518 Pfam:PF11901
SM_V9_1 Liftoff exon    22316916        22319282        .       +
        .       Parent=Smp_035550.1
SM_V9_1 Liftoff exon    22319966        22320092        .       +
        .       Parent=Smp_035550.1
SM_V9_1 Liftoff exon    22322483        22322689        .       +
        .       Parent=Smp_035550.1
SM_V9_1 Liftoff CDS     22319032        22319282        .       +
        0       Parent=Smp_035550.1
SM_V9_1 Liftoff CDS     22319966        22320092        .       +
        1       Parent=Smp_035550.1
SM_V9_1 Liftoff CDS     22322483        22322572        .       +
        0       Parent=Smp_035550.1
SM_V9_1 Liftoff gene    22330290        22335652        .       -
        .       ID=Smp_035560;geneID=Smp_035560
SM_V9_1 Liftoff mRNA    22330290        22335652        .       -
        .
ID=Smp_035560.1;Parent=Smp_035560;geneID=Smp_035560;product=Natterin
-4;polypeptide_domain=InterPro:IPR006616,IPR024518 Pfam:PF11901
SM_V9_1 Liftoff exon    22330290        22330599        .       -
        .       Parent=Smp_035560.1
SM_V9_1 Liftoff exon    22331906        22332032        .       -
        .       Parent=Smp_035560.1
SM_V9_1 Liftoff exon    22332751        22335652        .       -
        .       Parent=Smp_035560.1
SM_V9_1 Liftoff CDS     22330510        22330599        .       -
        0       Parent=Smp_035560.1
SM_V9_1 Liftoff CDS     22331906        22332032        .       -
        1       Parent=Smp_035560.1
SM_V9_1 Liftoff CDS     22332751        22333004        .       -
        0       Parent=Smp_035560.1
SM_V9_1 iris    gene    22355971        22389190        .       -
        .
ID=Smp_245940;geneID=Smp_245940;gene_name=Smp_245940;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    22355971        22389190        .       -
        .
ID=Smp_245940.1;Parent=Smp_245940;geneID=Smp_245940;gene_name=Smp_24
5940;owner=irisadmin@local.host;orig_id=Smp_245940.1;date_last_modif
ied=2022-08-02;Name=Smp_245940.1;product=npp-36.2;date_creation=2022
-07-27
SM_V9_1 iris    exon    22355971        22356121        .       -
        .       Parent=Smp_245940.1;Name=74d9345f-4851-410a-
afb9-6071f8860d52
SM_V9_1 iris    exon    22358743        22358817        .       -
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        .       Parent=Smp_245940.1;Name=7125f6ac-0936-449a-af28-
e8bdf6d631c3
SM_V9_1 iris    exon    22361689        22361763        .       -
        .       Parent=Smp_245940.1;Name=509f8b3e-8770-48c4-
a26a-1466b99dd3e0
SM_V9_1 iris    exon    22365292        22365366        .       -
        .
Parent=Smp_245940.1;Name=b4c2ca21-1f57-490d-81fb-60b3343a56fa
SM_V9_1 iris    exon    22370150        22370210        .       -
        .       Parent=Smp_245940.1;Name=c64e63ea-4fea-452f-a2f0-
f04bc6c9ef05
SM_V9_1 iris    exon    22389012        22389190        .       -
        .       Parent=Smp_245940.1;Name=0c5e898d-925c-47c5-b031-
e264cd88f143
SM_V9_1 iris    CDS     22356121        22356121        .       -
        1       Parent=Smp_245940.1
SM_V9_1 iris    CDS     22358743        22358817        .       -
        1       Parent=Smp_245940.1
SM_V9_1 iris    CDS     22361689        22361763        .       -
        1       Parent=Smp_245940.1
SM_V9_1 iris    CDS     22365292        22365366        .       -
        1       Parent=Smp_245940.1
SM_V9_1 iris    CDS     22370150        22370210        .       -
        2       Parent=Smp_245940.1
SM_V9_1 iris    CDS     22389012        22389078        .       -
        0       Parent=Smp_245940.1
SM_V9_1 iris    gene    22416336        22438296        .       +
        .
ID=Smp_035580;geneID=Smp_035580;gene_name=Smp_035580;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    22416336        22438296        .       +
        .
ID=Smp_035580.1;Parent=Smp_035580;geneID=Smp_035580;gene_name=Smp_03
5580;owner=irisadmin@local.host;orig_id=Smp_035580.1;date_last_modif
ied=2022-08-02;Name=Smp_035580.1;product=Serine/threonine-protein
phosphatase PP1-beta catalytic subunit;date_creation=2022-07-27
SM_V9_1 iris    exon    22416336        22416448        .       +
        .       Parent=Smp_035580.1;Name=e05a2958-2487-472d-
bbd9-82f2225e5bc0
SM_V9_1 iris    exon    22416484        22416615        .       +
        .
Parent=Smp_035580.1;Name=92935f60-3837-4201-9266-0d0dfd657db7
SM_V9_1 iris    exon    22421840        22422070        .       +
        .       Parent=Smp_035580.1;Name=f10df0e2-
ae53-4517-9215-630364261022
SM_V9_1 iris    exon    22424855        22424959        .       +
        .       Parent=Smp_035580.1;Name=3467524d-88e3-4b7d-882f-
e0d3e5d595b1
SM_V9_1 iris    exon    22426823        22426894        .       +
        .
Parent=Smp_035580.1;Name=784c6fc9-3801-4a39-9006-44a8b8120119
SM_V9_1 iris    exon    22429171        22429457        .       +
        .
Parent=Smp_035580.1;Name=a3c7262c-0431-4cfb-86e5-0140162867f4
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SM_V9_1 iris    exon    22436059        22438296        .       +
        .       Parent=Smp_035580.1;Name=a07f2769-e79b-478b-b6fc-
b7c91141b7b5
SM_V9_1 iris    CDS     22416400        22416448        .       +
        0       Parent=Smp_035580.1
SM_V9_1 iris    CDS     22416484        22416615        .       +
        2       Parent=Smp_035580.1
SM_V9_1 iris    CDS     22421840        22422070        .       +
        2       Parent=Smp_035580.1
SM_V9_1 iris    CDS     22424855        22424959        .       +
        2       Parent=Smp_035580.1
SM_V9_1 iris    CDS     22426823        22426894        .       +
        2       Parent=Smp_035580.1
SM_V9_1 iris    CDS     22429171        22429457        .       +
        2       Parent=Smp_035580.1
SM_V9_1 iris    CDS     22436059        22436151        .       +
        0       Parent=Smp_035580.1
SM_V9_1 Liftoff gene    22464998        22538185        .       -
        .       ID=Smp_141310;geneID=Smp_141310
SM_V9_1 Liftoff mRNA    22464998        22538185        .       -
        .
ID=Smp_141310.1;Parent=Smp_141310;geneID=Smp_141310;product=Neurexin
-2;polypeptide_domain=InterPro:IPR000152,IPR000742,IPR001791,IPR0133
20 Pfam:PF02210
SM_V9_1 Liftoff exon    22464998        22466390        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22468071        22468212        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22470057        22470149        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22473223        22473391        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22474225        22474508        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22476522        22476834        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22479613        22479814        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22483112        22483715        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22485184        22485292        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22487800        22488179        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22489806        22490068        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22495539        22496557        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22498278        22498463        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22501142        22501404        .       -
        .       Parent=Smp_141310.1
SM_V9_1 Liftoff exon    22506400        22538185        .       -
        .       Parent=Smp_141310.1
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SM_V9_1 Liftoff CDS     22465493        22466390        .       -
        1       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22468071        22468212        .       -
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SM_V9_1 Liftoff CDS     22470057        22470149        .       -
        2       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22473223        22473391        .       -
        0       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22474225        22474508        .       -
        2       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22476522        22476834        .       -
        0       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22479613        22479814        .       -
        1       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22483112        22483715        .       -
        2       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22485184        22485292        .       -
        0       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22487800        22488179        .       -
        2       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22489806        22490068        .       -
        1       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22495539        22496557        .       -
        0       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22498278        22498463        .       -
        0       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22501142        22501404        .       -
        2       Parent=Smp_141310.1
SM_V9_1 Liftoff CDS     22506400        22506559        .       -
        0       Parent=Smp_141310.1
SM_V9_1 Liftoff gene    22545237        22560466        .       -
        .       ID=Smp_141320;geneID=Smp_141320
SM_V9_1 Liftoff mRNA    22545237        22560466        .       -
        .
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like protein
homolog;polypeptide_domain=InterPro:IPR019143,IPR021563,IPR034743,IP
R034744 Pfam:PF09744,PF11461;Ontology_term=GO:0046983
SM_V9_1 Liftoff exon    22545237        22545799        .       -
        .       Parent=Smp_141320.1
SM_V9_1 Liftoff exon    22547534        22547626        .       -
        .       Parent=Smp_141320.1
SM_V9_1 Liftoff exon    22548721        22548914        .       -
        .       Parent=Smp_141320.1
SM_V9_1 Liftoff exon    22550546        22550749        .       -
        .       Parent=Smp_141320.1
SM_V9_1 Liftoff exon    22552944        22553059        .       -
        .       Parent=Smp_141320.1
SM_V9_1 Liftoff exon    22555828        22556218        .       -
        .       Parent=Smp_141320.1
SM_V9_1 Liftoff exon    22557276        22560466        .       -
        .       Parent=Smp_141320.1
SM_V9_1 Liftoff CDS     22545745        22545799        .       -
        1       Parent=Smp_141320.1
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SM_V9_1 Liftoff CDS     22547534        22547626        .       -
        1       Parent=Smp_141320.1
SM_V9_1 Liftoff CDS     22548721        22548914        .       -
        0       Parent=Smp_141320.1
SM_V9_1 Liftoff CDS     22550546        22550749        .       -
        0       Parent=Smp_141320.1
SM_V9_1 Liftoff CDS     22552944        22553059        .       -
        2       Parent=Smp_141320.1
SM_V9_1 Liftoff CDS     22555828        22556218        .       -
        0       Parent=Smp_141320.1
SM_V9_1 Liftoff CDS     22557276        22557527        .       -
        0       Parent=Smp_141320.1
SM_V9_1 Liftoff gene    22572473        22587582        .       -
        .       ID=Smp_035620;geneID=Smp_035620
SM_V9_1 Liftoff mRNA    22572473        22587582        .       -
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icular body subunit
12B;polypeptide_domain=InterPro:IPR018798,IPR023340,IPR023341
Pfam:PF10240;Ontology_term=GO:0000813
SM_V9_1 Liftoff exon    22572473        22572660        .       -
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SM_V9_1 Liftoff exon    22574324        22574371        .       -
        .       Parent=Smp_035620.1
SM_V9_1 Liftoff exon    22574913        22574977        .       -
        .       Parent=Smp_035620.1
SM_V9_1 Liftoff exon    22577180        22577397        .       -
        .       Parent=Smp_035620.1
SM_V9_1 Liftoff exon    22580949        22581078        .       -
        .       Parent=Smp_035620.1
SM_V9_1 Liftoff exon    22583158        22583254        .       -
        .       Parent=Smp_035620.1
SM_V9_1 Liftoff exon    22584431        22584538        .       -
        .       Parent=Smp_035620.1
SM_V9_1 Liftoff exon    22587455        22587582        .       -
        .       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22572610        22572660        .       -
        0       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22574324        22574371        .       -
        0       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22574913        22574977        .       -
        2       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22577180        22577397        .       -
        1       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22580949        22581078        .       -
        2       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22583158        22583254        .       -
        0       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22584431        22584538        .       -
        0       Parent=Smp_035620.1
SM_V9_1 Liftoff CDS     22587455        22587547        .       -
        0       Parent=Smp_035620.1
SM_V9_1 Liftoff gene    22597946        22609831        .       +
        .       ID=Smp_141330;geneID=Smp_141330
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SM_V9_1 Liftoff mRNA    22597946        22609831        .       +
        .
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nuclear ribonucleoprotein
A';polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF14580;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    22597946        22598221        .       +
        .       Parent=Smp_141330.1
SM_V9_1 Liftoff exon    22601184        22601381        .       +
        .       Parent=Smp_141330.1
SM_V9_1 Liftoff exon    22607285        22607699        .       +
        .       Parent=Smp_141330.1
SM_V9_1 Liftoff exon    22609478        22609831        .       +
        .       Parent=Smp_141330.1
SM_V9_1 Liftoff CDS     22597997        22598221        .       +
        0       Parent=Smp_141330.1
SM_V9_1 Liftoff CDS     22601184        22601381        .       +
        0       Parent=Smp_141330.1
SM_V9_1 Liftoff CDS     22607285        22607699        .       +
        0       Parent=Smp_141330.1
SM_V9_1 Liftoff CDS     22609478        22609647        .       +
        2       Parent=Smp_141330.1
SM_V9_1 Liftoff gene    22620703        22649982        .       -
        .
ID=Smp_343420;geneID=Smp_343420;previous_systematic_id=Smp_141340
SM_V9_1 Liftoff mRNA    22620703        22649982        .       -
        .
ID=Smp_343420.1;Parent=Smp_343420;geneID=Smp_343420;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    22620703        22621146        .       -
        .       Parent=Smp_343420.1
SM_V9_1 Liftoff exon    22629584        22630152        .       -
        .       Parent=Smp_343420.1
SM_V9_1 Liftoff exon    22649680        22649982        .       -
        .       Parent=Smp_343420.1
SM_V9_1 Liftoff CDS     22620888        22621146        .       -
        1       Parent=Smp_343420.1
SM_V9_1 Liftoff CDS     22629584        22630152        .       -
        0       Parent=Smp_343420.1
SM_V9_1 Liftoff CDS     22649680        22649700        .       -
        0       Parent=Smp_343420.1
SM_V9_1 Liftoff gene    22694846        22732879        .       +
        .       ID=Smp_035650;geneID=Smp_035650
SM_V9_1 Liftoff mRNA    22694846        22732879        .       +
        .
ID=Smp_035650.1;Parent=Smp_035650;geneID=Smp_035650;product=Homeobox
protein 10;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    22694846        22696858        .       +
        .       Parent=Smp_035650.1
SM_V9_1 Liftoff exon    22717289        22717733        .       +
        .       Parent=Smp_035650.1
SM_V9_1 Liftoff exon    22721563        22723354        .       +
        .       Parent=Smp_035650.1
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SM_V9_1 Liftoff exon    22730815        22732879        .       +
        .       Parent=Smp_035650.1
SM_V9_1 Liftoff CDS     22696330        22696858        .       +
        0       Parent=Smp_035650.1
SM_V9_1 Liftoff CDS     22717289        22717733        .       +
        2       Parent=Smp_035650.1
SM_V9_1 Liftoff CDS     22721563        22723354        .       +
        1       Parent=Smp_035650.1
SM_V9_1 Liftoff CDS     22730815        22731693        .       +
        0       Parent=Smp_035650.1
SM_V9_1 Liftoff gene    22750242        22773801        .       -
        .       ID=Smp_141350;geneID=Smp_141350
SM_V9_1 Liftoff mRNA    22750242        22773801        .       -
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ID=Smp_141350.1;Parent=Smp_141350;geneID=Smp_141350;product=X-ray
radiation resistance-associated protein
1;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    22750242        22750384        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22751993        22752139        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22753392        22753756        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22755299        22755524        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22760366        22760768        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22763423        22763838        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22764633        22764985        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22765633        22765829        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22767893        22768096        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22769636        22769734        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22771046        22771191        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22773136        22773233        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22773267        22773411        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22773448        22773572        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff exon    22773613        22773801        .       -
        .       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22750277        22750384        .       -
        0       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22751993        22752139        .       -
        0       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22753392        22753756        .       -
        2       Parent=Smp_141350.1
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SM_V9_1 Liftoff CDS     22755299        22755524        .       -
        0       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22760366        22760768        .       -
        1       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22763423        22763838        .       -
        0       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22764633        22764985        .       -
        2       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22765633        22765829        .       -
        1       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22767893        22768096        .       -
        1       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22769636        22769734        .       -
        1       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22771046        22771191        .       -
        0       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22773136        22773233        .       -
        2       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22773267        22773411        .       -
        0       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22773448        22773572        .       -
        2       Parent=Smp_141350.1
SM_V9_1 Liftoff CDS     22773613        22773655        .       -
        0       Parent=Smp_141350.1
SM_V9_1 iris    gene    22781752        22839886        .       +
        .
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    22781752        22839886        .       +
        .
ID=Smp_141360.1;Parent=Smp_141360;geneID=Smp_141360;gene_name=Smp_14
1360;owner=irisadmin@local.host;orig_id=Smp_141360.1;date_last_modif
ied=2022-08-02;Name=Smp_141360.1;product=Pyruvate carboxylase
1;date_creation=2022-07-27
SM_V9_1 iris    exon    22781752        22781994        .       +
        .
Parent=Smp_141360.1;Name=4a0ab847-6737-4e68-99c4-6cc4ae4d68f0
SM_V9_1 iris    exon    22785616        22785800        .       +
        .       Parent=Smp_141360.1;Name=44d5ffd6-7cb5-4358-
a7cc-7f67f1c2683a
SM_V9_1 iris    exon    22787929        22788102        .       +
        .       Parent=Smp_141360.1;Name=d04be9a9-4ade-483d-bc02-
f8680fd8ff00
SM_V9_1 iris    exon    22791529        22791666        .       +
        .       Parent=Smp_141360.1;Name=ab960ef8-47dd-41ac-
a559-7c3921d5bd64
SM_V9_1 iris    exon    22796618        22796735        .       +
        .       Parent=Smp_141360.1;Name=5ba1ae3c-
f85d-434c-8ea5-0a37fcaa241b
SM_V9_1 iris    exon    22797894        22798050        .       +
        .
Parent=Smp_141360.1;Name=513ce91b-4210-46fc-96e5-6201e8f90973
SM_V9_1 iris    exon    22801656        22801772        .       +
        .       Parent=Smp_141360.1;Name=b7389dd5-60ad-41ea-
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b368-5ecf8bcc1bbc
SM_V9_1 iris    exon    22805181        22805343        .       +
        .       Parent=Smp_141360.1;Name=375986fa-2d89-4e9a-9c8a-
a5adf1731e74
SM_V9_1 iris    exon    22807983        22808165        .       +
        .       Parent=Smp_141360.1;Name=dba7cd6a-6d52-4c7b-
bcb4-4bcc7f757884
SM_V9_1 iris    exon    22809147        22809291        .       +
        .       Parent=Smp_141360.1;Name=42004a40-
df6e-45cc-9576-325d144ba560
SM_V9_1 iris    exon    22810447        22810536        .       +
        .       Parent=Smp_141360.1;Name=66785ebb-cfd2-45bb-b674-
dfafc0f6eb9f
SM_V9_1 iris    exon    22813507        22813731        .       +
        .       Parent=Smp_141360.1;Name=b8de8aa2-94de-4ab3-
a59c-262209509055
SM_V9_1 iris    exon    22820737        22820893        .       +
        .       Parent=Smp_141360.1;Name=94292acf-
c916-4e08-952b-72ae8b48e4eb
SM_V9_1 iris    exon    22823164        22823414        .       +
        .       Parent=Smp_141360.1;Name=3ff99a5c-a0fd-4b3f-
ae9a-4e7178e5d297
SM_V9_1 iris    exon    22825384        22825615        .       +
        .       Parent=Smp_141360.1;Name=bad5ae8a-
e684-4058-84ac-9686f740da29
SM_V9_1 iris    exon    22826758        22827010        .       +
        .       Parent=Smp_141360.1;Name=dc1460e4-fb7b-4ecc-834c-
a0522d4f5bd8
SM_V9_1 iris    exon    22829065        22829244        .       +
        .       Parent=Smp_141360.1;Name=4d35fd33-
dcce-40e0-9547-5ecda514abb6
SM_V9_1 iris    exon    22830674        22830820        .       +
        .       Parent=Smp_141360.1;Name=59435a6a-db0b-424e-aa48-
a40fd2578082
SM_V9_1 iris    exon    22832589        22832690        .       +
        .
Parent=Smp_141360.1;Name=d390b9ec-1a40-4c9c-9d3f-2000338df0e5
SM_V9_1 iris    exon    22837862        22838002        .       +
        .       Parent=Smp_141360.1;Name=c697b860-45e3-4b7d-b8a9-
da9aca23b487
SM_V9_1 iris    exon    22839286        22839886        .       +
        .
Parent=Smp_141360.1;Name=31469e32-0c84-4441-929f-1da236f08e41
SM_V9_1 iris    CDS     22781838        22781994        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22785616        22785800        .       +
        2       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22787929        22788102        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22791529        22791666        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22796618        22796735        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22797894        22798050        .       +
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        2       Parent=Smp_141360.1
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        1       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22805181        22805343        .       +
        1       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22807983        22808165        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22809147        22809291        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22810447        22810536        .       +
        2       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22813507        22813731        .       +
        2       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22820737        22820893        .       +
        2       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22823164        22823414        .       +
        1       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22825384        22825615        .       +
        2       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22826758        22827010        .       +
        1       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22829065        22829244        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22830674        22830820        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22832589        22832690        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22837862        22838002        .       +
        0       Parent=Smp_141360.1
SM_V9_1 iris    CDS     22839286        22839534        .       +
        0       Parent=Smp_141360.1
SM_V9_1 Liftoff gene    22847842        22855299        .       +
        .
ID=Smp_210790;geneID=Smp_210790;previous_systematic_id=Smp_141370
SM_V9_1 Liftoff mRNA    22847842        22855299        .       +
        .
ID=Smp_210790.1;Parent=Smp_210790;geneID=Smp_210790;product=Protein
lifeguard 4;polypeptide_domain=InterPro:IPR006214 Pfam:PF01027
SM_V9_1 Liftoff exon    22847842        22849934        .       +
        .       Parent=Smp_210790.1
SM_V9_1 Liftoff exon    22850384        22850495        .       +
        .       Parent=Smp_210790.1
SM_V9_1 Liftoff exon    22850554        22850659        .       +
        .       Parent=Smp_210790.1
SM_V9_1 Liftoff exon    22850718        22850751        .       +
        .       Parent=Smp_210790.1
SM_V9_1 Liftoff exon    22852830        22852993        .       +
        .       Parent=Smp_210790.1
SM_V9_1 Liftoff exon    22854647        22855299        .       +
        .       Parent=Smp_210790.1
SM_V9_1 Liftoff CDS     22849835        22849934        .       +
        0       Parent=Smp_210790.1
SM_V9_1 Liftoff CDS     22850384        22850495        .       +
        2       Parent=Smp_210790.1
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SM_V9_1 Liftoff CDS     22850554        22850659        .       +
        1       Parent=Smp_210790.1
SM_V9_1 Liftoff CDS     22850718        22850751        .       +
        0       Parent=Smp_210790.1
SM_V9_1 Liftoff CDS     22852830        22852993        .       +
        2       Parent=Smp_210790.1
SM_V9_1 Liftoff CDS     22854647        22854859        .       +
        0       Parent=Smp_210790.1
SM_V9_1 Liftoff gene    22863424        22879417        .       +
        .
ID=Smp_210800;geneID=Smp_210800;previous_systematic_id=Smp_141370
SM_V9_1 Liftoff mRNA    22863424        22879417        .       +
        .
ID=Smp_210800.1;Parent=Smp_210800;geneID=Smp_210800;product=Regulato
r of G-protein signaling
6;polypeptide_domain=InterPro:IPR000591,IPR011991,IPR016137,IPR02406
6 Pfam:PF00610,PF00615;Ontology_term=GO:0035556
SM_V9_1 Liftoff exon    22863424        22866039        .       +
        .       Parent=Smp_210800.1
SM_V9_1 Liftoff exon    22866091        22866292        .       +
        .       Parent=Smp_210800.1
SM_V9_1 Liftoff exon    22867157        22867396        .       +
        .       Parent=Smp_210800.1
SM_V9_1 Liftoff exon    22870272        22870422        .       +
        .       Parent=Smp_210800.1
SM_V9_1 Liftoff exon    22872353        22872609        .       +
        .       Parent=Smp_210800.1
SM_V9_1 Liftoff exon    22876859        22877116        .       +
        .       Parent=Smp_210800.1
SM_V9_1 Liftoff exon    22879103        22879417        .       +
        .       Parent=Smp_210800.1
SM_V9_1 Liftoff CDS     22865933        22866039        .       +
        0       Parent=Smp_210800.1
SM_V9_1 Liftoff CDS     22866091        22866292        .       +
        1       Parent=Smp_210800.1
SM_V9_1 Liftoff CDS     22867157        22867396        .       +
        0       Parent=Smp_210800.1
SM_V9_1 Liftoff CDS     22870272        22870422        .       +
        0       Parent=Smp_210800.1
SM_V9_1 Liftoff CDS     22872353        22872609        .       +
        2       Parent=Smp_210800.1
SM_V9_1 Liftoff CDS     22876859        22877116        .       +
        0       Parent=Smp_210800.1
SM_V9_1 Liftoff CDS     22879103        22879276        .       +
        0       Parent=Smp_210800.1
SM_V9_1 Liftoff gene    22881200        22898178        .       -
        .       ID=Smp_141380;geneID=Smp_141380
SM_V9_1 Liftoff mRNA    22881200        22898178        .       -
        .
ID=Smp_141380.1;Parent=Smp_141380;geneID=Smp_141380;product=Serine/
threonine-protein kinase
VRK1;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    22881200        22882463        .       -
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SM_V9_1 Liftoff exon    22887253        22887467        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22889090        22889209        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22890673        22890801        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22892960        22893086        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22894817        22894906        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22895816        22896006        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22897810        22897879        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22897914        22897957        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff exon    22897995        22898178        .       -
        .       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22881953        22882463        .       -
        1       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22885306        22885523        .       -
        0       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22887253        22887467        .       -
        2       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22889090        22889209        .       -
        2       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22890673        22890801        .       -
        2       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22892960        22893086        .       -
        0       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22894817        22894906        .       -
        0       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22895816        22896006        .       -
        2       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22897810        22897879        .       -
        0       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22897914        22897957        .       -
        2       Parent=Smp_141380.1
SM_V9_1 Liftoff CDS     22897995        22898145        .       -
        0       Parent=Smp_141380.1
SM_V9_1 iris    gene    22908982        22930768        .       +
        .
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    22908982        22930768        .       +
        .
ID=Smp_035700.1;Parent=Smp_035700;geneID=Smp_035700;gene_name=Smp_03
5700;owner=irisadmin@local.host;orig_id=Smp_035700.1;date_last_modif
ied=2022-08-02;Name=Smp_035700.1;product=Adenosine
deaminase;date_creation=2022-07-27
SM_V9_1 iris    exon    22908982        22909051        .       +
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        .       Parent=Smp_035700.1;Name=70d0979f-6cc9-4216-
b6c0-624f1cc8ece5
SM_V9_1 iris    exon    22914905        22915216        .       +
        .
Parent=Smp_035700.1;Name=bd00cf07-2efb-485c-9710-1271b72d30ab
SM_V9_1 iris    exon    22923236        22923524        .       +
        .
Parent=Smp_035700.1;Name=560087f3-8ba1-4004-9479-9ce703e349fd
SM_V9_1 iris    exon    22927552        22927784        .       +
        .       Parent=Smp_035700.1;Name=259baced-abf1-458b-
a6ba-917e3a67c470
SM_V9_1 iris    exon    22930019        22930768        .       +
        .
Parent=Smp_035700.1;Name=df158992-40a1-4fc6-9981-21741991f8af
SM_V9_1 iris    CDS     22914995        22915216        .       +
        0       Parent=Smp_035700.1
SM_V9_1 iris    CDS     22923236        22923524        .       +
        0       Parent=Smp_035700.1
SM_V9_1 iris    CDS     22927552        22927784        .       +
        2       Parent=Smp_035700.1
SM_V9_1 iris    CDS     22930019        22930321        .       +
        0       Parent=Smp_035700.1
SM_V9_1 iris    gene    22937451        22968982        .       -
        .
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    22937451        22968982        .       -
        .
ID=Smp_141390.1;Parent=Smp_141390;geneID=Smp_141390;gene_name=Smp_14
1390;owner=irisadmin@local.host;orig_id=Smp_141390.1;date_last_modif
ied=2022-08-02;Name=Smp_141390.1;product=Innexin
unc-9;date_creation=2022-07-27
SM_V9_1 iris    exon    22937451        22938623        .       -
        .
Parent=Smp_141390.1;Name=ccf05c60-8fdf-4226-82a2-48b831077814
SM_V9_1 iris    exon    22940101        22940329        .       -
        .       Parent=Smp_141390.1;Name=f5ee87f4-1bed-4707-947c-
daed0e56896f
SM_V9_1 iris    exon    22942731        22942960        .       -
        .       Parent=Smp_141390.1;Name=7366fcf2-b294-419a-
a611-1cc533f734f4
SM_V9_1 iris    exon    22968519        22968982        .       -
        .
Parent=Smp_141390.1;Name=edadcb5a-3011-497e-8050-4a94df0dc45e
SM_V9_1 iris    CDS     22938034        22938623        .       -
        2       Parent=Smp_141390.1
SM_V9_1 iris    CDS     22940101        22940329        .       -
        0       Parent=Smp_141390.1
SM_V9_1 iris    CDS     22942731        22942960        .       -
        2       Parent=Smp_141390.1
SM_V9_1 iris    CDS     22968519        22968831        .       -
        0       Parent=Smp_141390.1
SM_V9_1 Liftoff gene    23014460        23052354        .       -
        .       ID=Smp_141290;geneID=Smp_141290
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        .
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unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_1 Liftoff exon    23014460        23015749        .       -
        .       Parent=Smp_141290.1
SM_V9_1 Liftoff exon    23017290        23017521        .       -
        .       Parent=Smp_141290.1
SM_V9_1 Liftoff exon    23019738        23019967        .       -
        .       Parent=Smp_141290.1
SM_V9_1 Liftoff exon    23051957        23052354        .       -
        .       Parent=Smp_141290.1
SM_V9_1 Liftoff CDS     23015154        23015749        .       -
        2       Parent=Smp_141290.1
SM_V9_1 Liftoff CDS     23017290        23017521        .       -
        0       Parent=Smp_141290.1
SM_V9_1 Liftoff CDS     23019738        23019967        .       -
        2       Parent=Smp_141290.1
SM_V9_1 Liftoff CDS     23051957        23052272        .       -
        0       Parent=Smp_141290.1
SM_V9_1 Liftoff mRNA    23014462        23043312        .       -
        .
ID=Smp_141290.2;Parent=Smp_141290;geneID=Smp_141290;product=Innexin
unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_1 Liftoff exon    23014462        23015755        .       -
        .       Parent=Smp_141290.2
SM_V9_1 Liftoff exon    23017290        23017521        .       -
        .       Parent=Smp_141290.2
SM_V9_1 Liftoff exon    23019738        23019967        .       -
        .       Parent=Smp_141290.2
SM_V9_1 Liftoff exon    23042697        23043312        .       -
        .       Parent=Smp_141290.2
SM_V9_1 Liftoff CDS     23015154        23015755        .       -
        2       Parent=Smp_141290.2
SM_V9_1 Liftoff CDS     23017290        23017521        .       -
        0       Parent=Smp_141290.2
SM_V9_1 Liftoff CDS     23019738        23019967        .       -
        2       Parent=Smp_141290.2
SM_V9_1 Liftoff CDS     23042697        23043009        .       -
        0       Parent=Smp_141290.2
SM_V9_1 Liftoff mRNA    23014466        23023318        .       -
        .
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unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_1 Liftoff exon    23014466        23015755        .       -
        .       Parent=Smp_141290.4
SM_V9_1 Liftoff exon    23017290        23017521        .       -
        .       Parent=Smp_141290.4
SM_V9_1 Liftoff exon    23019738        23019967        .       -
        .       Parent=Smp_141290.4
SM_V9_1 Liftoff exon    23022880        23023318        .       -
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        .       Parent=Smp_141290.4
SM_V9_1 Liftoff CDS     23015154        23015755        .       -
        2       Parent=Smp_141290.4
SM_V9_1 Liftoff CDS     23017290        23017521        .       -
        0       Parent=Smp_141290.4
SM_V9_1 Liftoff CDS     23019738        23019967        .       -
        2       Parent=Smp_141290.4
SM_V9_1 Liftoff CDS     23022880        23023192        .       -
        0       Parent=Smp_141290.4
SM_V9_1 Liftoff mRNA    23014466        23032898        .       -
        .
ID=Smp_141290.3;Parent=Smp_141290;geneID=Smp_141290;product=Innexin
unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_1 Liftoff exon    23014466        23015755        .       -
        .       Parent=Smp_141290.3
SM_V9_1 Liftoff exon    23017290        23017521        .       -
        .       Parent=Smp_141290.3
SM_V9_1 Liftoff exon    23019738        23019967        .       -
        .       Parent=Smp_141290.3
SM_V9_1 Liftoff exon    23032365        23032898        .       -
        .       Parent=Smp_141290.3
SM_V9_1 Liftoff CDS     23015154        23015755        .       -
        2       Parent=Smp_141290.3
SM_V9_1 Liftoff CDS     23017290        23017521        .       -
        0       Parent=Smp_141290.3
SM_V9_1 Liftoff CDS     23019738        23019967        .       -
        2       Parent=Smp_141290.3
SM_V9_1 Liftoff CDS     23032365        23032677        .       -
        0       Parent=Smp_141290.3
SM_V9_1 Liftoff gene    23069645        23086928        .       -
        .       ID=Smp_141280;geneID=Smp_141280
SM_V9_1 Liftoff mRNA    23069645        23086928        .       -
        .
ID=Smp_141280.1;Parent=Smp_141280;geneID=Smp_141280;product=Leucine-
rich repeat-containing protein
23;polypeptide_domain=InterPro:IPR001611,IPR025875,IPR032675
Pfam:PF12799,PF13516,PF14580;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    23069645        23069839        .       -
        .       Parent=Smp_141280.1
SM_V9_1 Liftoff exon    23072394        23072606        .       -
        .       Parent=Smp_141280.1
SM_V9_1 Liftoff exon    23075657        23075787        .       -
        .       Parent=Smp_141280.1
SM_V9_1 Liftoff exon    23076692        23076768        .       -
        .       Parent=Smp_141280.1
SM_V9_1 Liftoff exon    23078636        23078921        .       -
        .       Parent=Smp_141280.1
SM_V9_1 Liftoff exon    23080544        23080800        .       -
        .       Parent=Smp_141280.1
SM_V9_1 Liftoff exon    23086627        23086928        .       -
        .       Parent=Smp_141280.1
SM_V9_1 Liftoff CDS     23069795        23069839        .       -
        0       Parent=Smp_141280.1
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SM_V9_1 Liftoff CDS     23072394        23072606        .       -
        0       Parent=Smp_141280.1
SM_V9_1 Liftoff CDS     23075657        23075787        .       -
        2       Parent=Smp_141280.1
SM_V9_1 Liftoff CDS     23076692        23076768        .       -
        1       Parent=Smp_141280.1
SM_V9_1 Liftoff CDS     23078636        23078921        .       -
        2       Parent=Smp_141280.1
SM_V9_1 Liftoff CDS     23080544        23080800        .       -
        1       Parent=Smp_141280.1
SM_V9_1 Liftoff CDS     23086627        23086826        .       -
        0       Parent=Smp_141280.1
SM_V9_1 Liftoff gene    23097892        23099419        .       +
        .       ID=Smp_035500;geneID=Smp_035500
SM_V9_1 Liftoff mRNA    23097892        23099419        .       +
        .
ID=Smp_035500.1;Parent=Smp_035500;geneID=Smp_035500;product=Parkin
coregulated gene protein
homolog;polypeptide_domain=InterPro:IPR011989,IPR016024,IPR019399
Pfam:PF10274;Ontology_term=GO:0005488
SM_V9_1 Liftoff exon    23097892        23098410        .       +
        .       Parent=Smp_035500.1
SM_V9_1 Liftoff exon    23098442        23099419        .       +
        .       Parent=Smp_035500.1
SM_V9_1 Liftoff CDS     23098062        23098410        .       +
        0       Parent=Smp_035500.1
SM_V9_1 Liftoff CDS     23098442        23098827        .       +
        2       Parent=Smp_035500.1
SM_V9_1 iris    gene    23111755        23131441        .       +
        .
ID=Smp_141270;geneID=Smp_141270;gene_name=Smp_141270;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23111755        23131441        .       +
        .
ID=Smp_141270.1;Parent=Smp_141270;geneID=Smp_141270;gene_name=Smp_14
1270;owner=irisadmin@local.host;orig_id=Smp_141270.1;date_last_modif
ied=2022-08-02;Name=Smp_141270.1;product=Caspase-8;date_creation=202
2-07-27
SM_V9_1 iris    exon    23111755        23112009        .       +
        .
Parent=Smp_141270.1;Name=e98131c6-4025-4d50-91ee-345dab44b26e
SM_V9_1 iris    exon    23119443        23119876        .       +
        .
Parent=Smp_141270.1;Name=907d025b-3f8f-4069-996b-20a32a50bb7a
SM_V9_1 iris    exon    23121104        23121750        .       +
        .       Parent=Smp_141270.1;Name=791aa9e6-691c-4af9-
bc33-788e1ef2843c
SM_V9_1 iris    exon    23125892        23126031        .       +
        .       Parent=Smp_141270.1;Name=7dfa9874-073a-4a99-
bc85-600375e8192d
SM_V9_1 iris    exon    23126891        23127136        .       +
        .       Parent=Smp_141270.1;Name=98e7f9bb-4d8f-49d4-8406-
ae609b52fc14
SM_V9_1 iris    exon    23130542        23131441        .       +
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        .       Parent=Smp_141270.1;Name=46a0c596-7bb1-4c68-9b56-
ca615a582e49
SM_V9_1 iris    CDS     23119467        23119876        .       +
        0       Parent=Smp_141270.1
SM_V9_1 iris    CDS     23121104        23121750        .       +
        1       Parent=Smp_141270.1
SM_V9_1 iris    CDS     23125892        23126031        .       +
        2       Parent=Smp_141270.1
SM_V9_1 iris    CDS     23126891        23127136        .       +
        0       Parent=Smp_141270.1
SM_V9_1 iris    CDS     23130542        23131369        .       +
        0       Parent=Smp_141270.1
SM_V9_1 Liftoff gene    23131740        23137358        .       -
        .       ID=Smp_035480;geneID=Smp_035480
SM_V9_1 Liftoff mRNA    23131740        23137358        .       -
        .
ID=Smp_035480.1;Parent=Smp_035480;geneID=Smp_035480;product=UPF0430
protein CG31712;polypeptide_domain=InterPro:IPR033371 Pfam:PF15346
SM_V9_1 Liftoff exon    23131740        23133074        .       -
        .       Parent=Smp_035480.1
SM_V9_1 Liftoff exon    23134526        23134609        .       -
        .       Parent=Smp_035480.1
SM_V9_1 Liftoff exon    23135902        23136127        .       -
        .       Parent=Smp_035480.1
SM_V9_1 Liftoff exon    23136851        23136985        .       -
        .       Parent=Smp_035480.1
SM_V9_1 Liftoff exon    23137168        23137358        .       -
        .       Parent=Smp_035480.1
SM_V9_1 Liftoff CDS     23132916        23133074        .       -
        0       Parent=Smp_035480.1
SM_V9_1 Liftoff CDS     23134526        23134609        .       -
        0       Parent=Smp_035480.1
SM_V9_1 Liftoff CDS     23135902        23136127        .       -
        1       Parent=Smp_035480.1
SM_V9_1 Liftoff CDS     23136851        23136985        .       -
        1       Parent=Smp_035480.1
SM_V9_1 Liftoff CDS     23137168        23137241        .       -
        0       Parent=Smp_035480.1
SM_V9_1 iris    gene    23143741        23149064        .       +
        .
ID=Smp_035470;geneID=Smp_035470;gene_name=Smp_035470;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23143741        23149064        .       +
        .
ID=Smp_035470.1;Parent=Smp_035470;geneID=Smp_035470;gene_name=Smp_03
5470;owner=irisadmin@local.host;orig_id=Smp_035470.1;date_last_modif
ied=2022-08-02;Name=Smp_035470.1;product=Dolichyl-
diphosphooligosaccharide--protein glycosyltransferase 48 kDa
subunit;date_creation=2022-07-27
SM_V9_1 iris    exon    23143741        23143956        .       +
        .       Parent=Smp_035470.1;Name=4c579b22-
c494-463c-9dd4-6cfebf264b70
SM_V9_1 iris    exon    23143989        23144099        .       +
        .       Parent=Smp_035470.1;Name=e8257a36-eb10-4320-8375-
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f1b057e67b2f
SM_V9_1 iris    exon    23144134        23144324        .       +
        .       Parent=Smp_035470.1;Name=1eab51db-9b94-4185-
a8d0-21197ab82c25
SM_V9_1 iris    exon    23144356        23144450        .       +
        .       Parent=Smp_035470.1;Name=da14f13f-fe04-4885-a7b6-
af3ef8d34c24
SM_V9_1 iris    exon    23144483        23144716        .       +
        .
Parent=Smp_035470.1;Name=3426f8d1-7f53-4dce-98ec-6a02ba23b1c5
SM_V9_1 iris    exon    23146052        23146323        .       +
        .       Parent=Smp_035470.1;Name=c75bc1f4-753a-4718-bcbd-
c14058ae83d7
SM_V9_1 iris    exon    23148337        23148443        .       +
        .
Parent=Smp_035470.1;Name=4c3556ed-7ca9-4879-938b-8765f40975b2
SM_V9_1 iris    exon    23148536        23149064        .       +
        .       Parent=Smp_035470.1;Name=9e4b83fb-3477-4fa0-
bf81-07c76a412278
SM_V9_1 iris    CDS     23143821        23143956        .       +
        0       Parent=Smp_035470.1
SM_V9_1 iris    CDS     23143989        23144099        .       +
        2       Parent=Smp_035470.1
SM_V9_1 iris    CDS     23144134        23144324        .       +
        2       Parent=Smp_035470.1
SM_V9_1 iris    CDS     23144356        23144450        .       +
        0       Parent=Smp_035470.1
SM_V9_1 iris    CDS     23144483        23144716        .       +
        1       Parent=Smp_035470.1
SM_V9_1 iris    CDS     23146052        23146323        .       +
        1       Parent=Smp_035470.1
SM_V9_1 iris    CDS     23148337        23148443        .       +
        2       Parent=Smp_035470.1
SM_V9_1 iris    CDS     23148536        23148688        .       +
        0       Parent=Smp_035470.1
SM_V9_1 iris    gene    23165807        23203300        .       +
        .
ID=Smp_035460;geneID=Smp_035460;gene_name=Smp_035460;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23165807        23203300        .       +
        .
ID=Smp_035460.1;Parent=Smp_035460;geneID=Smp_035460;gene_name=Smp_03
5460;owner=irisadmin@local.host;orig_id=Smp_035460.1;date_last_modif
ied=2022-08-02;Name=Smp_035460.1;product=Nicotinate
phosphoribosyltransferase;date_creation=2022-07-27
SM_V9_1 iris    exon    23165807        23165911        .       +
        .
Parent=Smp_035460.1;Name=edbc32e7-0fd5-4f98-9357-4c7b4af51199
SM_V9_1 iris    exon    23170732        23170844        .       +
        .       Parent=Smp_035460.1;Name=fef1b81f-3147-48ea-9b05-
dca0c8e9dbb9
SM_V9_1 iris    exon    23172258        23172428        .       +
        .       Parent=Smp_035460.1;Name=367848fd-3ee8-4bd6-b880-
f1368a455a72
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SM_V9_1 iris    exon    23172930        23173140        .       +
        .       Parent=Smp_035460.1;Name=f018d116-1f0d-4526-
acf1-9406782af9ee
SM_V9_1 iris    exon    23185695        23185825        .       +
        .
Parent=Smp_035460.1;Name=fb567eb7-8b64-467f-88d0-4ca117902033
SM_V9_1 iris    exon    23186477        23186577        .       +
        .       Parent=Smp_035460.1;Name=96f81618-2fb8-49a8-
ab9c-6a3dbf2dc151
SM_V9_1 iris    exon    23187477        23187748        .       +
        .       Parent=Smp_035460.1;Name=93fe3fca-a669-4697-bf70-
e0e32d137950
SM_V9_1 iris    exon    23192494        23192634        .       +
        .       Parent=Smp_035460.1;Name=f0e4d8fa-36d7-4087-
a4f9-8bc1df1bda42
SM_V9_1 iris    exon    23195117        23195201        .       +
        .       Parent=Smp_035460.1;Name=8a28dec3-7b15-4e87-
acb4-590b64dbc049
SM_V9_1 iris    exon    23199359        23199542        .       +
        .       Parent=Smp_035460.1;Name=530a242c-a067-4353-
bf16-8cd17f42defe
SM_V9_1 iris    exon    23200446        23200603        .       +
        .       Parent=Smp_035460.1;Name=b6b39081-
d106-4b2f-8437-46f0c8c8c387
SM_V9_1 iris    exon    23202784        23203300        .       +
        .       Parent=Smp_035460.1;Name=6cd87def-396b-4201-8b95-
bd85fe4de086
SM_V9_1 iris    CDS     23170805        23170844        .       +
        0       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23172258        23172428        .       +
        2       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23172930        23173140        .       +
        2       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23185695        23185825        .       +
        1       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23186477        23186577        .       +
        2       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23187477        23187748        .       +
        0       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23192494        23192634        .       +
        1       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23195117        23195201        .       +
        1       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23199359        23199542        .       +
        0       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23200446        23200603        .       +
        2       Parent=Smp_035460.1
SM_V9_1 iris    CDS     23202784        23202969        .       +
        0       Parent=Smp_035460.1
SM_V9_1 iris    gene    23242203        23287774        .       +
        .
ID=Smp_141250;geneID=Smp_141250;gene_name=Smp_141250;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23242203        23287774        .       +
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ID=Smp_141250.1;Parent=Smp_141250;geneID=Smp_141250;gene_name=Smp_14
1250;owner=irisadmin@local.host;orig_id=Smp_141250.1;date_last_modif
ied=2022-08-02;Name=Smp_141250.1;product=Delta-like protein
D;date_creation=2022-07-27
SM_V9_1 iris    exon    23242203        23243138        .       +
        .       Parent=Smp_141250.1;Name=1f3cd78d-9a3f-4b58-
b78f-741e5f4395b6
SM_V9_1 iris    exon    23264581        23264988        .       +
        .       Parent=Smp_141250.1;Name=83edeab9-ea22-4fe7-
ad95-12088e78e099
SM_V9_1 iris    exon    23270457        23270505        .       +
        .       Parent=Smp_141250.1;Name=b9cda290-fde7-4b40-8a72-
c29bbdd432fe
SM_V9_1 iris    exon    23272322        23272669        .       +
        .
Parent=Smp_141250.1;Name=8d874a98-7195-43d2-8505-3662715a3c8e
SM_V9_1 iris    exon    23276616        23276670        .       +
        .       Parent=Smp_141250.1;Name=b0c7ecff-66cf-47b6-
a61d-682da2686d1f
SM_V9_1 iris    exon    23278257        23278411        .       +
        .       Parent=Smp_141250.1;Name=5a8e42e4-5a8e-4346-
ae1a-5e6bb59cfea6
SM_V9_1 iris    exon    23279792        23279985        .       +
        .
Parent=Smp_141250.1;Name=68f82469-676e-405b-909e-44de4f21b6c0
SM_V9_1 iris    exon    23282700        23282952        .       +
        .       Parent=Smp_141250.1;Name=c518c9db-
be61-4437-8032-3de1088407ac
SM_V9_1 iris    exon    23285950        23287774        .       +
        .       Parent=Smp_141250.1;Name=62cadde4-
bf60-4df4-90b1-438d5522a490
SM_V9_1 iris    CDS     23242989        23243138        .       +
        0       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23264581        23264988        .       +
        0       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23270457        23270505        .       +
        0       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23272322        23272669        .       +
        2       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23276616        23276670        .       +
        2       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23278257        23278411        .       +
        1       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23279792        23279985        .       +
        2       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23282700        23282952        .       +
        0       Parent=Smp_141250.1
SM_V9_1 iris    CDS     23285950        23287121        .       +
        2       Parent=Smp_141250.1
SM_V9_1 iris    gene    23289952        23304649        .       -
        .
ID=Smp_141240;geneID=Smp_141240;gene_name=Smp_141240;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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SM_V9_1 iris    mRNA    23289952        23304649        .       -
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1240;owner=irisadmin@local.host;orig_id=Smp_141240.2;date_last_modif
ied=2022-08-02;Name=Smp_141240.1;product=Probable RNA-binding
protein 19;date_creation=2022-07-27
SM_V9_1 iris    exon    23289952        23290367        .       -
        .       Parent=Smp_141240.1;Name=f264bf6d-9d63-4a0a-a54e-
bfd76701346b
SM_V9_1 iris    exon    23292312        23292900        .       -
        .       Parent=Smp_141240.1;Name=bf60f537-444d-4a4f-9af9-
c10d44f9e0cb
SM_V9_1 iris    exon    23293672        23293838        .       -
        .       Parent=Smp_141240.1;Name=b30b099b-530f-43c9-8acd-
b9007989a136
SM_V9_1 iris    exon    23296812        23297285        .       -
        .       Parent=Smp_141240.1;Name=0b1c9a41-
e0da-4801-9f8f-28ea7b051349
SM_V9_1 iris    exon    23299000        23299248        .       -
        .
Parent=Smp_141240.1;Name=7bf7081f-139c-4ae7-97a5-4f47687f6bd5
SM_V9_1 iris    exon    23303962        23304092        .       -
        .       Parent=Smp_141240.1;Name=a8b62567-1b94-4c66-a3b2-
bc6dce6d8384
SM_V9_1 iris    exon    23304131        23304206        .       -
        .       Parent=Smp_141240.1;Name=ca950dc1-cccb-47b3-b758-
bb184ecb0190
SM_V9_1 iris    exon    23304239        23304432        .       -
        .       Parent=Smp_141240.1;Name=71b0dcf5-2d96-4ec2-
aac3-97b14a4adef0
SM_V9_1 iris    exon    23304465        23304525        .       -
        .       Parent=Smp_141240.1;Name=6507affc-eeac-42c6-
bcbc-44929eb91d06
SM_V9_1 iris    exon    23304561        23304649        .       -
        .       Parent=Smp_141240.1;Name=2648b639-529d-443d-912b-
eb073b96e474
SM_V9_1 iris    CDS     23290293        23290367        .       -
        0       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23292312        23292900        .       -
        1       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23293672        23293838        .       -
        0       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23296812        23297285        .       -
        0       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23299000        23299248        .       -
        0       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23303962        23304092        .       -
        2       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23304131        23304206        .       -
        0       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23304239        23304432        .       -
        2       Parent=Smp_141240.1
SM_V9_1 iris    CDS     23304465        23304525        .       -
        0       Parent=Smp_141240.1
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SM_V9_1 iris    CDS     23304561        23304623        .       -
        0       Parent=Smp_141240.1
SM_V9_1 iris    gene    23348449        23358592        .       +
        .
ID=Smp_349610;geneID=Smp_349610;gene_name=Smp_349610;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23348449        23358592        .       +
        .
ID=Smp_349610.1;Parent=Smp_349610;geneID=Smp_349610;gene_name=Smp_34
9610;owner=irisadmin@local.host;orig_id=Smp_035430.1;date_last_modif
ied=2022-08-02;Name=Smp_349610.1;date_creation=2022-07-27
SM_V9_1 iris    exon    23348449        23348689        .       +
        .       Parent=Smp_349610.1;Name=Smp_349610.1-CDS
SM_V9_1 iris    exon    23355489        23355569        .       +
        .       Parent=Smp_349610.1;Name=dbc47d2e-6528-446e-
abf2-10a4a8d63be9
SM_V9_1 iris    exon    23357259        23358592        .       +
        .       Parent=Smp_349610.1;Name=11c1b5c3-a27b-42ab-a4bc-
e7a2465d2684
SM_V9_1 iris    CDS     23348590        23348689        .       +
        0       Parent=Smp_349610.1
SM_V9_1 iris    CDS     23355489        23355569        .       +
        2       Parent=Smp_349610.1
SM_V9_1 iris    CDS     23357259        23357461        .       +
        2       Parent=Smp_349610.1
SM_V9_1 Liftoff gene    23374063        23385040        .       +
        .       ID=Smp_035430;geneID=Smp_035430
SM_V9_1 Liftoff mRNA    23374063        23385040        .       +
        .
ID=Smp_035430.1;Parent=Smp_035430;geneID=Smp_035430;product=Serine/
threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha
isoform;polypeptide_domain=InterPro:IPR002554,IPR011989,IPR016024
Pfam:PF01603;Ontology_term=GO:0000159,GO:0005488,GO:0007165,GO:00198
88
SM_V9_1 Liftoff exon    23374063        23374249        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23374283        23374479        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23374519        23374620        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23374656        23374748        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23374781        23374911        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23374944        23375112        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23377894        23378118        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23380823        23381052        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff exon    23383793        23385040        .       +
        .       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23374111        23374249        .       +
        0       Parent=Smp_035430.1
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SM_V9_1 Liftoff CDS     23374283        23374479        .       +
        2       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23374519        23374620        .       +
        0       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23374656        23374748        .       +
        0       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23374781        23374911        .       +
        0       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23374944        23375112        .       +
        1       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23377894        23378118        .       +
        0       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23380823        23381052        .       +
        0       Parent=Smp_035430.1
SM_V9_1 Liftoff CDS     23383793        23383970        .       +
        1       Parent=Smp_035430.1
SM_V9_1 iris    gene    23386063        23388036        .       -
        .
ID=Smp_326410;geneID=Smp_326410;gene_name=Smp_326410;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23386063        23388036        .       -
        .
ID=Smp_326410.1;Parent=Smp_326410;geneID=Smp_326410;gene_name=Smp_32
6410;owner=irisadmin@local.host;orig_id=Smp_326410.1;date_last_modif
ied=2022-08-02;Name=Smp_326410.1;product=Protein
DPCD;date_creation=2022-07-27
SM_V9_1 iris    exon    23386063        23386387        .       -
        .
Parent=Smp_326410.1;Name=3b975978-65a7-4175-88c8-10ce7303cbda
SM_V9_1 iris    exon    23386428        23386530        .       -
        .       Parent=Smp_326410.1;Name=5df62768-84de-47f4-
af07-9304a0be5169
SM_V9_1 iris    exon    23386577        23386704        .       -
        .       Parent=Smp_326410.1;Name=a41c576a-38f9-4ce3-8709-
afa37c109209
SM_V9_1 iris    exon    23386743        23386861        .       -
        .
Parent=Smp_326410.1;Name=30bd7579-0da2-4c9f-9515-81c79688d7c6
SM_V9_1 iris    exon    23386903        23386983        .       -
        .       Parent=Smp_326410.1;Name=1a418512-b35a-44e0-a709-
c01cfaa3dd1f
SM_V9_1 iris    exon    23387806        23388036        .       -
        .       Parent=Smp_326410.1;Name=95c6d450-0b0d-4417-
a4bc-683ee694ae7c
SM_V9_1 iris    CDS     23386286        23386387        .       -
        0       Parent=Smp_326410.1
SM_V9_1 iris    CDS     23386428        23386530        .       -
        1       Parent=Smp_326410.1
SM_V9_1 iris    CDS     23386577        23386704        .       -
        0       Parent=Smp_326410.1
SM_V9_1 iris    CDS     23386743        23386861        .       -
        2       Parent=Smp_326410.1
SM_V9_1 iris    CDS     23386903        23386983        .       -
        2       Parent=Smp_326410.1
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SM_V9_1 iris    CDS     23387806        23387959        .       -
        0       Parent=Smp_326410.1
SM_V9_1 Liftoff gene    23419113        23427579        .       -
        .       ID=Smp_035410;geneID=Smp_035410
SM_V9_1 Liftoff mRNA    23419113        23427579        .       -
        .
ID=Smp_035410.1;Parent=Smp_035410;geneID=Smp_035410;product=Probable
39S ribosomal protein L24,
mitochondrial;polypeptide_domain=InterPro:IPR003256,IPR005825,IPR008
991,IPR014722
Pfam:PF17136;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_1 Liftoff exon    23419113        23419644        .       -
        .       Parent=Smp_035410.1
SM_V9_1 Liftoff exon    23422275        23422406        .       -
        .       Parent=Smp_035410.1
SM_V9_1 Liftoff exon    23423719        23427579        .       -
        .       Parent=Smp_035410.1
SM_V9_1 Liftoff CDS     23419342        23419644        .       -
        0       Parent=Smp_035410.1
SM_V9_1 Liftoff CDS     23422275        23422406        .       -
        0       Parent=Smp_035410.1
SM_V9_1 Liftoff CDS     23423719        23423790        .       -
        0       Parent=Smp_035410.1
SM_V9_1 iris    gene    23439520        23465198        .       +
        .
ID=Smp_035390;geneID=Smp_035390;gene_name=Smp_035390;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23439520        23465198        .       +
        .
ID=Smp_035390.1;Parent=Smp_035390;geneID=Smp_035390;gene_name=Smp_03
5390;owner=irisadmin@local.host;orig_id=Smp_035390.1;date_last_modif
ied=2022-08-02;Name=Smp_035390.1;product=Tyrosine-protein
phosphatase non-receptor type 11;date_creation=2022-07-27
SM_V9_1 iris    exon    23439520        23439616        .       +
        .       Parent=Smp_035390.1;Name=484d1d0b-558b-4f17-
b0d4-4cc305f0ce15
SM_V9_1 iris    exon    23447885        23448049        .       +
        .       Parent=Smp_035390.1;Name=f944ffba-87a7-40b0-8d74-
b73649504bec
SM_V9_1 iris    exon    23449215        23449532        .       +
        .       Parent=Smp_035390.1;Name=4a6cbe19-04cf-4a43-8af0-
c0cb3d94d2b3
SM_V9_1 iris    exon    23451695        23451977        .       +
        .       Parent=Smp_035390.1;Name=eda43d2b-
c7a0-4777-9991-46d60ed285ea
SM_V9_1 iris    exon    23454108        23454239        .       +
        .       Parent=Smp_035390.1;Name=117bbd26-7bb4-4829-b319-
b956d1bc5c09
SM_V9_1 iris    exon    23455699        23455860        .       +
        .       Parent=Smp_035390.1;Name=9285b633-601d-4a59-
bc0f-2df0bb4abf34
SM_V9_1 iris    exon    23457394        23457684        .       +
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Parent=Smp_035390.1;Name=4c11e900-5278-4a3c-9d0e-3e9777e7ab97
SM_V9_1 iris    exon    23458721        23459170        .       +
        .       Parent=Smp_035390.1;Name=8e9aceb5-ef21-4547-b4a1-
c8a36549a432
SM_V9_1 iris    exon    23461776        23462036        .       +
        .       Parent=Smp_035390.1;Name=2a8bf3e7-
e101-4536-92ea-33c56c1e2012
SM_V9_1 iris    exon    23462713        23463191        .       +
        .       Parent=Smp_035390.1;Name=152c4703-810e-4350-
a341-4fdd7e6c1a86
SM_V9_1 iris    exon    23464396        23465198        .       +
        .       Parent=Smp_035390.1;Name=0fc8a83e-5be8-4b7f-8e15-
aade5f0f1be3
SM_V9_1 iris    CDS     23448030        23448049        .       +
        0       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23449215        23449532        .       +
        1       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23451695        23451977        .       +
        1       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23454108        23454239        .       +
        0       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23455699        23455860        .       +
        0       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23457394        23457684        .       +
        0       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23458721        23459170        .       +
        0       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23461776        23462036        .       +
        0       Parent=Smp_035390.1
SM_V9_1 iris    CDS     23462713        23463156        .       +
        0       Parent=Smp_035390.1
SM_V9_1 Liftoff gene    23465751        23473998        .       -
        .       ID=Smp_035380;geneID=Smp_035380
SM_V9_1 Liftoff mRNA    23465751        23473998        .       -
        .
ID=Smp_035380.1;Parent=Smp_035380;geneID=Smp_035380;product=A-kinase
anchor protein 14;polypeptide_domain=InterPro:IPR025663 Pfam:PF14469
SM_V9_1 Liftoff exon    23465751        23466745        .       -
        .       Parent=Smp_035380.1
SM_V9_1 Liftoff exon    23467673        23467725        .       -
        .       Parent=Smp_035380.1
SM_V9_1 Liftoff exon    23468636        23468815        .       -
        .       Parent=Smp_035380.1
SM_V9_1 Liftoff exon    23469940        23470156        .       -
        .       Parent=Smp_035380.1
SM_V9_1 Liftoff exon    23472488        23472598        .       -
        .       Parent=Smp_035380.1
SM_V9_1 Liftoff exon    23473708        23473998        .       -
        .       Parent=Smp_035380.1
SM_V9_1 Liftoff CDS     23466661        23466745        .       -
        1       Parent=Smp_035380.1
SM_V9_1 Liftoff CDS     23467673        23467725        .       -
        0       Parent=Smp_035380.1
SM_V9_1 Liftoff CDS     23468636        23468815        .       -
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        0       Parent=Smp_035380.1
SM_V9_1 Liftoff CDS     23469940        23470156        .       -
        1       Parent=Smp_035380.1
SM_V9_1 Liftoff CDS     23472488        23472598        .       -
        1       Parent=Smp_035380.1
SM_V9_1 Liftoff CDS     23473708        23473829        .       -
        0       Parent=Smp_035380.1
SM_V9_1 iris    gene    23474078        23488454        .       -
        .
ID=Smp_035370;geneID=Smp_035370;gene_name=Smp_035370;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    23474078        23488454        .       -
        .
ID=Smp_035370.1;Parent=Smp_035370;geneID=Smp_035370;gene_name=Smp_03
5370;owner=irisadmin@local.host;orig_id=Smp_035370.1;date_last_modif
ied=2022-08-02;Name=Smp_035370.1;product=Uncharacterized protein
C17orf105 homolog;date_creation=2022-08-02
SM_V9_1 iris    exon    23474078        23474384        .       -
        .       Parent=Smp_035370.1;Name=43fa1cb8-c828-40d7-
aed3-070c91c017ba
SM_V9_1 iris    exon    23476148        23476328        .       -
        .       Parent=Smp_035370.1;Name=d9dee299-
b0bf-4d88-9db3-55f903d8e554
SM_V9_1 iris    exon    23476446        23476564        .       -
        .       Parent=Smp_035370.1;Name=ccd0b7a9-cead-40f4-
bd6b-5b202efe406f
SM_V9_1 iris    exon    23477017        23477097        .       -
        .
Parent=Smp_035370.1;Name=e551ac39-6137-4b81-81f2-6525b5a4c907
SM_V9_1 iris    exon    23479150        23479293        .       -
        .       Parent=Smp_035370.1;Name=34bb048b-1bd4-429e-
bcee-318e736b011b
SM_V9_1 iris    exon    23488210        23488454        .       -
        .
Parent=Smp_035370.1;Name=f31a2194-6ea2-45af-8d83-13843e7dd0ed
SM_V9_1 iris    CDS     23474328        23474384        .       -
        0       Parent=Smp_035370.1
SM_V9_1 iris    CDS     23476148        23476328        .       -
        1       Parent=Smp_035370.1
SM_V9_1 iris    CDS     23476446        23476564        .       -
        0       Parent=Smp_035370.1
SM_V9_1 iris    CDS     23477017        23477097        .       -
        0       Parent=Smp_035370.1
SM_V9_1 iris    CDS     23479150        23479242        .       -
        0       Parent=Smp_035370.1
SM_V9_1 iris    gene    23496149        23506492        .       +
        .
ID=Smp_035360;geneID=Smp_035360;gene_name=Smp_035360;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23496149        23506492        .       +
        .
ID=Smp_035360.1;Parent=Smp_035360;geneID=Smp_035360;gene_name=Smp_03
5360;owner=irisadmin@local.host;orig_id=Smp_035360.1;date_last_modif
ied=2022-08-02;Name=Smp_035360.1;product=Nucleolar protein
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14;date_creation=2022-07-27
SM_V9_1 iris    exon    23496149        23496225        .       +
        .       Parent=Smp_035360.1;Name=d3fa206f-9a58-4bca-aca8-
da9433b92574
SM_V9_1 iris    exon    23497541        23497642        .       +
        .
Parent=Smp_035360.1;Name=01964285-9eae-4c7a-94c2-382ffeab8b70
SM_V9_1 iris    exon    23497674        23497808        .       +
        .       Parent=Smp_035360.1;Name=a584cbd3-15e5-4cd1-93ec-
dbdaefae7354
SM_V9_1 iris    exon    23497843        23497969        .       +
        .       Parent=Smp_035360.1;Name=d562accf-ed50-4c03-b7b1-
c309285c27b3
SM_V9_1 iris    exon    23498002        23498222        .       +
        .       Parent=Smp_035360.1;Name=16301663-489a-4653-a7d5-
ef2190a840bc
SM_V9_1 iris    exon    23498256        23498419        .       +
        .       Parent=Smp_035360.1;Name=3fbf136a-b692-4ca6-b56c-
aa7bc4a345bc
SM_V9_1 iris    exon    23500605        23500644        .       +
        .       Parent=Smp_035360.1;Name=57207a46-4f9e-40ad-b892-
a39c6e025c9d
SM_V9_1 iris    exon    23500803        23501131        .       +
        .       Parent=Smp_035360.1;Name=1bf3421c-b603-4953-
aa74-7d0202641c3e
SM_V9_1 iris    exon    23502074        23502478        .       +
        .       Parent=Smp_035360.1;Name=aad725da-7ec9-475e-
a1ce-751be175ee45
SM_V9_1 iris    exon    23504588        23504725        .       +
        .       Parent=Smp_035360.1;Name=d6479689-6fb3-47b3-9804-
ed396c2500f2
SM_V9_1 iris    exon    23506361        23506492        .       +
        .       Parent=Smp_035360.1;Name=5879af5c-4c20-4588-8dbd-
d13dcad2cc14
SM_V9_1 iris    CDS     23497571        23497642        .       +
        0       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23497674        23497808        .       +
        0       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23497843        23497969        .       +
        0       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23498002        23498222        .       +
        2       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23498256        23498419        .       +
        0       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23500605        23500644        .       +
        1       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23500803        23501131        .       +
        0       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23502074        23502478        .       +
        1       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23504588        23504725        .       +
        1       Parent=Smp_035360.1
SM_V9_1 iris    CDS     23506361        23506424        .       +
        1       Parent=Smp_035360.1
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SM_V9_1 iris    gene    23508017        23520269        .       -
       .
ID=Smp_141230;geneID=Smp_141230;gene_name=Smp_141230;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23508017        23520269        .       -
       .
ID=Smp_141230.1;Parent=Smp_141230;geneID=Smp_141230;gene_name=Smp_14
1230;owner=irisadmin@local.host;orig_id=Smp_141230.1;date_last_modif
ied=2022-08-02;Name=Smp_141230.1;product=Dual specificity tyrosine-
phosphorylation-regulated kinase 2;date_creation=2022-07-27
SM_V9_1 iris    exon    23508017        23509526        .       -
       .
Parent=Smp_141230.1;Name=f71864d8-93e6-4999-934b-611c0d5e4aca
SM_V9_1 iris    exon    23511700        23513154        .       -
       .       Parent=Smp_141230.1;Name=8ee09c6a-fcd2-4c54-
ba26-4b72c84a7f6b
SM_V9_1 iris    exon    23515325        23515388        .       -
       .       Parent=Smp_141230.1;Name=126326b3-4b3a-4b92-
bd28-830fcbbf6e76
SM_V9_1 iris    exon    23520147        23520269        .       -
       .       Parent=Smp_141230.1;Name=74d0d82f-9d34-4f28-b07a-
d019a30dca70
SM_V9_1 iris    CDS     23508628        23509526        .       -
       2       Parent=Smp_141230.1
SM_V9_1 iris    CDS     23511700        23513041        .       -
       0       Parent=Smp_141230.1
SM_V9_1 iris    gene    23532923        23564999        .       +
       .
ID=Smp_141220;geneID=Smp_141220;gene_name=Smp_141220;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23532923        23564999        .       +
       .
ID=Smp_141220.1;Parent=Smp_141220;geneID=Smp_141220;gene_name=Smp_14
1220;owner=irisadmin@local.host;orig_id=Smp_141220.1;date_last_modif
ied=2022-08-02;Name=Smp_141220.1;product=Conserved oligomeric Golgi
complex subunit 6;date_creation=2022-07-27
SM_V9_1 iris    exon    23532923        23532985        .       +
       .
Parent=Smp_141220.1;Name=e3f21a42-4350-44eb-9ddf-016dedc53c41
SM_V9_1 iris    exon    23534693        23534818        .       +
       .       Parent=Smp_141220.1;Name=1aaf914b-20b1-4fa7-8fb7-
e3e4c595bc00
SM_V9_1 iris    exon    23534851        23534994        .       +
       .       Parent=Smp_141220.1;Name=fdfa3202-5de0-4018-
a0d5-33e5b4ebe142
SM_V9_1 iris    exon    23535031        23535102        .       +
       .       Parent=Smp_141220.1;Name=da2ba7f7-7357-48f5-
a686-58a9c0a6070c
SM_V9_1 iris    exon    23535140        23535198        .       +
       .
Parent=Smp_141220.1;Name=a3344095-9624-4d13-896a-227a8bb94020
SM_V9_1 iris    exon    23535245        23535436        .       +
       .
Parent=Smp_141220.1;Name=d5fbf7eb-1c84-4d83-943f-1dd6a99cf47b
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SM_V9_1 iris    exon    23535468        23535538        .       +
        .       Parent=Smp_141220.1;Name=0ac7afde-9209-4311-8cad-
b33ec8204853
SM_V9_1 iris    exon    23535573        23535666        .       +
        .       Parent=Smp_141220.1;Name=1e623d5c-c9e5-4820-
b351-1947bba1e905
SM_V9_1 iris    exon    23537910        23538163        .       +
        .       Parent=Smp_141220.1;Name=f1a504ca-0eff-45ec-
bb90-37adb86e0b43
SM_V9_1 iris    exon    23544707        23544771        .       +
        .       Parent=Smp_141220.1;Name=80612d3a-7681-4acc-
a116-990657b0d274
SM_V9_1 iris    exon    23549872        23549963        .       +
        .       Parent=Smp_141220.1;Name=faa4c863-724f-43f0-a193-
bc7d920b97bc
SM_V9_1 iris    exon    23551755        23551869        .       +
        .       Parent=Smp_141220.1;Name=2af8c545-4aa9-4a2c-
a9eb-0beda8f729a0
SM_V9_1 iris    exon    23553538        23553669        .       +
        .       Parent=Smp_141220.1;Name=eaca9ce2-e4c2-4e26-
be03-1c09cc8b1211
SM_V9_1 iris    exon    23556131        23556505        .       +
        .       Parent=Smp_141220.1;Name=09b00d59-ca9c-4c6d-
b030-3ec8651fa5f6
SM_V9_1 iris    exon    23564725        23564999        .       +
        .       Parent=Smp_141220.1;Name=00295c00-cb27-4fd9-8e77-
d8c2a031785e
SM_V9_1 iris    CDS     23534753        23534818        .       +
        0       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23534851        23534994        .       +
        0       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23535031        23535102        .       +
        0       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23535140        23535198        .       +
        0       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23535245        23535436        .       +
        1       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23535468        23535538        .       +
        1       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23535573        23535666        .       +
        2       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23537910        23538163        .       +
        1       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23544707        23544771        .       +
        2       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23549872        23549963        .       +
        0       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23551755        23551869        .       +
        1       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23553538        23553669        .       +
        0       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23556131        23556505        .       +
        0       Parent=Smp_141220.1
SM_V9_1 iris    CDS     23564725        23564961        .       +
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        0       Parent=Smp_141220.1
SM_V9_1 iris    gene    23565124        23571519        .       -
        .
ID=Smp_035310;geneID=Smp_035310;gene_name=Smp_035310;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23565124        23571519        .       -
        .
ID=Smp_035310.1;Parent=Smp_035310;geneID=Smp_035310;gene_name=Smp_03
5310;owner=irisadmin@local.host;orig_id=Smp_035310.1;date_last_modif
ied=2022-08-02;Name=Smp_035310.1;product=Probable splicing factor,
arginine/serine-rich 7;date_creation=2022-07-27
SM_V9_1 iris    exon    23565124        23565868        .       -
        .       Parent=Smp_035310.1;Name=f2da8b42-7db8-4e40-9025-
a98c380af854
SM_V9_1 iris    exon    23567104        23567347        .       -
        .
Parent=Smp_035310.1;Name=1b847ff2-585e-49a8-89aa-0e3f88d0a230
SM_V9_1 iris    exon    23569869        23569986        .       -
        .       Parent=Smp_035310.1;Name=f5f27d44-b742-4531-b7a3-
c27b10bd5221
SM_V9_1 iris    exon    23570019        23570168        .       -
        .       Parent=Smp_035310.1;Name=48f4b063-a6ef-4216-
b6ff-7a7e6880a27d
SM_V9_1 iris    exon    23570892        23571281        .       -
        .       Parent=Smp_035310.1;Name=151a9392-e8e6-4fd8-8913-
d967f7905299
SM_V9_1 iris    exon    23571314        23571519        .       -
        .       Parent=Smp_035310.1;Name=578261bc-37fa-4547-9b6a-
b15b81966884
SM_V9_1 iris    CDS     23565178        23565868        .       -
        1       Parent=Smp_035310.1
SM_V9_1 iris    CDS     23567104        23567347        .       -
        2       Parent=Smp_035310.1
SM_V9_1 iris    CDS     23569869        23569986        .       -
        0       Parent=Smp_035310.1
SM_V9_1 iris    CDS     23570019        23570168        .       -
        0       Parent=Smp_035310.1
SM_V9_1 iris    CDS     23570892        23571281        .       -
        0       Parent=Smp_035310.1
SM_V9_1 iris    CDS     23571314        23571466        .       -
        0       Parent=Smp_035310.1
SM_V9_1 iris    gene    23577581        23586445        .       +
        .
ID=Smp_035300;geneID=Smp_035300;gene_name=Smp_035300;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23577581        23586445        .       +
        .
ID=Smp_035300.1;Parent=Smp_035300;geneID=Smp_035300;gene_name=Smp_03
5300;owner=irisadmin@local.host;orig_id=Smp_035300.1;date_last_modif
ied=2022-08-02;Name=Smp_035300.1;product=Vesicle-trafficking protein
SEC22b;date_creation=2022-07-27
SM_V9_1 iris    exon    23577581        23577861        .       +
        .
Parent=Smp_035300.1;Name=33559b35-7d23-4af1-96f7-7ff5f1476fd4
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SM_V9_1 iris    exon    23583732        23584002        .       +
        .       Parent=Smp_035300.1;Name=3882c8ff-67b7-4e92-
beb2-4613efcecbbc
SM_V9_1 iris    exon    23584038        23584181        .       +
        .       Parent=Smp_035300.1;Name=936b4fd5-dceb-499f-b86c-
ad60a598de0a
SM_V9_1 iris    exon    23586110        23586445        .       +
        .
Parent=Smp_035300.1;Name=62192110-9ce5-463d-8e42-494a896bbc16
SM_V9_1 iris    CDS     23577787        23577861        .       +
        0       Parent=Smp_035300.1
SM_V9_1 iris    CDS     23583732        23584002        .       +
        0       Parent=Smp_035300.1
SM_V9_1 iris    CDS     23584038        23584181        .       +
        2       Parent=Smp_035300.1
SM_V9_1 iris    CDS     23586110        23586264        .       +
        2       Parent=Smp_035300.1
SM_V9_1 Liftoff gene    23590091        23604544        .       +
        .       ID=Smp_035290;geneID=Smp_035290
SM_V9_1 Liftoff mRNA    23590091        23604544        .       +
        .
ID=Smp_035290.1;Parent=Smp_035290;geneID=Smp_035290;product=DNA
mismatch repair protein MutS
SM_V9_1 Liftoff exon    23590091        23593468        .       +
        .       Parent=Smp_035290.1
SM_V9_1 Liftoff exon    23596849        23597006        .       +
        .       Parent=Smp_035290.1
SM_V9_1 Liftoff exon    23598903        23599050        .       +
        .       Parent=Smp_035290.1
SM_V9_1 Liftoff exon    23601984        23602089        .       +
        .       Parent=Smp_035290.1
SM_V9_1 Liftoff exon    23604092        23604544        .       +
        .       Parent=Smp_035290.1
SM_V9_1 Liftoff CDS     23593408        23593468        .       +
        0       Parent=Smp_035290.1
SM_V9_1 Liftoff CDS     23596849        23597006        .       +
        2       Parent=Smp_035290.1
SM_V9_1 Liftoff CDS     23598903        23599050        .       +
        0       Parent=Smp_035290.1
SM_V9_1 Liftoff CDS     23601984        23602089        .       +
        2       Parent=Smp_035290.1
SM_V9_1 Liftoff CDS     23604092        23604338        .       +
        1       Parent=Smp_035290.1
SM_V9_1 Liftoff gene    23605305        23626703        .       -
        .       ID=Smp_035280;geneID=Smp_035280
SM_V9_1 Liftoff mRNA    23605305        23626703        .       -
        .
ID=Smp_035280.1;Parent=Smp_035280;geneID=Smp_035280;product=Adenylyl
transferase and sulfurtransferase
MOCS3;polypeptide_domain=InterPro:IPR000594,IPR001763,IPR028885
Pfam:PF00581,PF00899;Ontology_term=GO:0002143,GO:0004792,GO:0005829,
GO:0008641
SM_V9_1 Liftoff exon    23605305        23605649        .       -
        .       Parent=Smp_035280.1
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SM_V9_1 Liftoff exon    23606280        23606378        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23606989        23607085        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23607128        23607175        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23608050        23608225        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23611393        23611455        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23614103        23614386        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23616313        23616387        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23616422        23616542        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23620955        23621047        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23622796        23622871        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff exon    23626654        23626703        .       -
        .       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23605405        23605649        .       -
        2       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23606280        23606378        .       -
        2       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23606989        23607085        .       -
        0       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23607128        23607175        .       -
        0       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23608050        23608225        .       -
        2       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23611393        23611455        .       -
        2       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23614103        23614386        .       -
        1       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23616313        23616387        .       -
        1       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23616422        23616542        .       -
        2       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23620955        23621047        .       -
        2       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23622796        23622871        .       -
        0       Parent=Smp_035280.1
SM_V9_1 Liftoff CDS     23626654        23626656        .       -
        0       Parent=Smp_035280.1
SM_V9_1 Liftoff gene    23632261        23633557        .       +
        .       ID=Smp_035270;geneID=Smp_035270
SM_V9_1 Liftoff mRNA    23632261        23633557        .       +
        .
ID=Smp_035270.1;Parent=Smp_035270;geneID=Smp_035270;product=Malate
dehydrogenase,
cytoplasmic;polypeptide_domain=InterPro:IPR001236,IPR001252,IPR00155
7,IPR010945,IPR011274,IPR015955,IPR016040,IPR022383
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Pfam:PF00056,PF02866;Ontology_term=GO:0003824,GO:0005975,GO:0006108,
GO:0016491,GO:0016615,GO:0016616,GO:0019752,GO:0030060,GO:0055114
SM_V9_1 Liftoff exon    23632261        23632304        .       +
        .       Parent=Smp_035270.1
SM_V9_1 Liftoff exon    23632338        23632430        .       +
        .       Parent=Smp_035270.1
SM_V9_1 Liftoff exon    23632461        23632856        .       +
        .       Parent=Smp_035270.1
SM_V9_1 Liftoff exon    23632890        23633180        .       +
        .       Parent=Smp_035270.1
SM_V9_1 Liftoff exon    23633214        23633557        .       +
        .       Parent=Smp_035270.1
SM_V9_1 Liftoff CDS     23632296        23632304        .       +
        0       Parent=Smp_035270.1
SM_V9_1 Liftoff CDS     23632338        23632430        .       +
        0       Parent=Smp_035270.1
SM_V9_1 Liftoff CDS     23632461        23632856        .       +
        0       Parent=Smp_035270.1
SM_V9_1 Liftoff CDS     23632890        23633180        .       +
        0       Parent=Smp_035270.1
SM_V9_1 Liftoff CDS     23633214        23633414        .       +
        0       Parent=Smp_035270.1
SM_V9_1 iris    gene    23635313        23668687        .       -
        .
ID=Smp_035260;geneID=Smp_035260;gene_name=Smp_035260;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23635313        23668687        .       -
        .
ID=Smp_035260.1;Parent=Smp_035260;geneID=Smp_035260;gene_name=Smp_03
5260;owner=irisadmin@local.host;orig_id=Smp_035260.1;date_last_modif
ied=2022-08-02;Name=Smp_035260.1;product=Epidermal growth factor
receptor kinase substrate 8-like protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    23635313        23635541        .       -
        .       Parent=Smp_035260.1;Name=95576641-8e8b-4bf5-baa9-
b7ab902c5378
SM_V9_1 iris    exon    23640427        23640500        .       -
        .       Parent=Smp_035260.1;Name=1d640296-ba8c-4056-
bd23-522ce2f2883f
SM_V9_1 iris    exon    23644421        23644547        .       -
        .
Parent=Smp_035260.1;Name=67b0a847-9629-4942-9f13-28ac52b1de10
SM_V9_1 iris    exon    23646883        23647050        .       -
        .
Parent=Smp_035260.1;Name=41258998-6f54-4832-8238-8961c9b9731c
SM_V9_1 iris    exon    23647693        23647846        .       -
        .
Parent=Smp_035260.1;Name=46e70e97-13c9-4df8-917e-694cf02255f1
SM_V9_1 iris    exon    23650889        23651068        .       -
        .       Parent=Smp_035260.1;Name=ad62d1d0-8c94-4280-
b6fe-215575bf064f
SM_V9_1 iris    exon    23653788        23653924        .       -
        .       Parent=Smp_035260.1;Name=a1579d5e-83f1-48f4-ad0a-
a663b08a53ff
SM_V9_1 iris    exon    23656050        23656129        .       -
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        .       Parent=Smp_035260.1;Name=146d0475-
c7eb-4ad1-96ff-8494e71696e5
SM_V9_1 iris    exon    23658277        23658435        .       -
        .
Parent=Smp_035260.1;Name=3b6fd57a-5930-459d-8d53-3e84214a8320
SM_V9_1 iris    exon    23661868        23662100        .       -
        .       Parent=Smp_035260.1;Name=04db658f-cb9d-4b68-b5c6-
aa1a3adcba5f
SM_V9_1 iris    exon    23668631        23668687        .       -
        .
Parent=Smp_035260.1;Name=9b712be6-7171-4870-9a5c-242d68ce2c7c
SM_V9_1 iris    CDS     23635457        23635541        .       -
        1       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23640427        23640500        .       -
        0       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23644421        23644547        .       -
        1       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23646883        23647050        .       -
        1       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23647693        23647846        .       -
        2       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23650889        23651068        .       -
        2       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23653788        23653924        .       -
        1       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23656050        23656129        .       -
        0       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23658277        23658435        .       -
        0       Parent=Smp_035260.1
SM_V9_1 iris    CDS     23661868        23662086        .       -
        0       Parent=Smp_035260.1
SM_V9_1 Liftoff gene    23674108        23677517        .       -
        .       ID=Smp_035250;geneID=Smp_035250
SM_V9_1 Liftoff mRNA    23674108        23677517        .       -
        .
ID=Smp_035250.1;Parent=Smp_035250;geneID=Smp_035250;product=DENN
domain-containing protein 1A
SM_V9_1 Liftoff exon    23674108        23674434        .       -
        .       Parent=Smp_035250.1
SM_V9_1 Liftoff exon    23676236        23676493        .       -
        .       Parent=Smp_035250.1
SM_V9_1 Liftoff exon    23677067        23677517        .       -
        .       Parent=Smp_035250.1
SM_V9_1 Liftoff CDS     23674291        23674434        .       -
        0       Parent=Smp_035250.1
SM_V9_1 Liftoff CDS     23676236        23676493        .       -
        0       Parent=Smp_035250.1
SM_V9_1 Liftoff CDS     23677067        23677483        .       -
        0       Parent=Smp_035250.1
SM_V9_1 iris    gene    23687941        23703259        .       +
        .
ID=Smp_035220;geneID=Smp_035220;gene_name=Smp_035220;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23687941        23703259        .       +
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        .
ID=Smp_035220.1;Parent=Smp_035220;geneID=Smp_035220;gene_name=Smp_03
5220;owner=irisadmin@local.host;orig_id=Smp_035220.2;date_last_modif
ied=2022-08-02;Name=Smp_035220.1;product=Kinesin-like protein
KIF3B;date_creation=2022-07-27
SM_V9_1 iris    exon    23687941        23688008        .       +
        .       Parent=Smp_035220.1;Name=e4c1c5a7-f017-4be9-a391-
dfbc16b0391e
SM_V9_1 iris    exon    23688045        23688130        .       +
        .
Parent=Smp_035220.1;Name=b64ba607-8d82-4899-9a0e-25ba99374bb1
SM_V9_1 iris    exon    23688161        23688268        .       +
        .       Parent=Smp_035220.1;Name=c0529b71-c4b5-4881-
a01c-8830b4e906bd
SM_V9_1 iris    exon    23688301        23688425        .       +
        .       Parent=Smp_035220.1;Name=0f83813e-b7ad-4038-
a27e-31012270d6b5
SM_V9_1 iris    exon    23688460        23688668        .       +
        .       Parent=Smp_035220.1;Name=b6576eba-0c62-4315-
be00-67e69787c2a1
SM_V9_1 iris    exon    23689821        23689900        .       +
        .       Parent=Smp_035220.1;Name=8b5a6778-166b-45bf-9b93-
a11a1b858bd3
SM_V9_1 iris    exon    23689941        23690010        .       +
        .       Parent=Smp_035220.1;Name=6eec57fa-
ef65-4e48-8aa7-0609f32bc0ad
SM_V9_1 iris    exon    23690043        23690135        .       +
        .
Parent=Smp_035220.1;Name=0d3c7495-2d4a-4228-9f04-2d0f6be89b3d
SM_V9_1 iris    exon    23690476        23690608        .       +
        .       Parent=Smp_035220.1;Name=13b113b4-dafd-4aa2-bd6f-
a32b2b2f3f91
SM_V9_1 iris    exon    23691940        23692224        .       +
        .       Parent=Smp_035220.1;Name=3ccadca1-8802-4f61-9987-
ed04c8a84269
SM_V9_1 iris    exon    23693020        23693174        .       +
        .       Parent=Smp_035220.1;Name=bb497860-094e-40a7-
b270-80674d47a0bb
SM_V9_1 iris    exon    23695249        23695554        .       +
        .       Parent=Smp_035220.1;Name=9b9da4f4-496c-41ea-98a4-
af9cadb2d44a
SM_V9_1 iris    exon    23696575        23696822        .       +
        .       Parent=Smp_035220.1;Name=a87628fb-843a-457d-b999-
e21ce54b173d
SM_V9_1 iris    exon    23700108        23700311        .       +
        .       Parent=Smp_035220.1;Name=e3ee3264-e4e8-4b8b-a8ac-
aaf9c4f4c213
SM_V9_1 iris    exon    23701476        23701526        .       +
        .       Parent=Smp_035220.1;Name=cde3dae6-
f5a0-48d6-8a26-042ef0180711
SM_V9_1 iris    exon    23703092        23703259        .       +
        .       Parent=Smp_035220.1;Name=2517eb36-9647-48bb-90b5-
dd9f64b05573
SM_V9_1 iris    CDS     23688000        23688008        .       +
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SM_V9_1 iris    CDS     23688045        23688130        .       +
        0       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23688161        23688268        .       +
        1       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23688301        23688425        .       +
        1       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23688460        23688668        .       +
        2       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23689821        23689900        .       +
        0       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23689941        23690010        .       +
        1       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23690043        23690135        .       +
        0       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23690476        23690608        .       +
        0       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23691940        23692224        .       +
        2       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23693020        23693174        .       +
        2       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23695249        23695554        .       +
        0       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23696575        23696822        .       +
        0       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23700108        23700311        .       +
        1       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23701476        23701526        .       +
        1       Parent=Smp_035220.1
SM_V9_1 iris    CDS     23703092        23703161        .       +
        1       Parent=Smp_035220.1
SM_V9_1 iris    gene    23704110        23737538        .       -
        .
ID=Smp_035210;geneID=Smp_035210;gene_name=Smp_035210;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    23704110        23737538        .       -
        .
ID=Smp_035210.1;Parent=Smp_035210;geneID=Smp_035210;gene_name=Smp_03
5210;owner=irisadmin@local.host;orig_id=Smp_035210.1;date_last_modif
ied=2022-08-02;Name=Smp_035210.1;product=Paramyosin;date_creation=20
22-08-02
SM_V9_1 iris    exon    23704110        23705278        .       -
        .       Parent=Smp_035210.1;Name=5565477d-6770-4654-
a387-84f734fa69d7
SM_V9_1 iris    exon    23705697        23705829        .       -
        .       Parent=Smp_035210.1;Name=7f6b4542-6a75-4c00-
a257-5cadedf83e81
SM_V9_1 iris    exon    23708880        23709163        .       -
        .       Parent=Smp_035210.1;Name=f585724b-9d2d-441e-8468-
d396fd32ce94
SM_V9_1 iris    exon    23711600        23711830        .       -
        .       Parent=Smp_035210.1;Name=320aabf1-55c9-4f6b-94bd-
e6bd21cfb872
SM_V9_1 iris    exon    23712219        23712477        .       -
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        .       Parent=Smp_035210.1;Name=dc90d5f2-e1ff-4c3c-
bc6e-63093962e3ab
SM_V9_1 iris    exon    23712724        23712818        .       -
        .       Parent=Smp_035210.1;Name=112c08ba-8475-44b5-
a11d-87568879ad01
SM_V9_1 iris    exon    23713881        23714026        .       -
        .       Parent=Smp_035210.1;Name=7b418bc2-cbf2-4919-
a8c0-2ba836728c75
SM_V9_1 iris    exon    23716181        23716397        .       -
        .       Parent=Smp_035210.1;Name=4291a845-6e4b-405d-
a22e-7291ca0ea17b
SM_V9_1 iris    exon    23717007        23717139        .       -
        .       Parent=Smp_035210.1;Name=5780a6ab-a18f-45e5-ac89-
c08e1f25ebef
SM_V9_1 iris    exon    23719659        23719855        .       -
        .       Parent=Smp_035210.1;Name=ebb35d89-3983-481f-93d9-
a9c50d37bd4e
SM_V9_1 iris    exon    23721837        23722082        .       -
        .       Parent=Smp_035210.1;Name=f01ade73-cc3e-41b4-
b9c9-41386021c072
SM_V9_1 iris    exon    23724481        23724559        .       -
        .       Parent=Smp_035210.1;Name=6abc243e-
c148-4c51-8fef-9d550cc7632b
SM_V9_1 iris    exon    23724893        23725059        .       -
        .       Parent=Smp_035210.1;Name=3445ec90-
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SM_V9_1 iris    exon    23726860        23726946        .       -
        .       Parent=Smp_035210.1;Name=051b9d72-8fd1-4db9-
a359-864a33a736e7
SM_V9_1 iris    exon    23731553        23731609        .       -
        .       Parent=Smp_035210.1;Name=0060fb7e-d446-4ada-98d0-
a294261cceee
SM_V9_1 iris    exon    23737199        23737538        .       -
        .       Parent=Smp_035210.1;Name=85479e32-
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SM_V9_1 iris    CDS     23704904        23705278        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23705697        23705829        .       -
        1       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23708880        23709163        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23711600        23711830        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23712219        23712477        .       -
        1       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23712724        23712818        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23713881        23714026        .       -
        2       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23716181        23716397        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23717007        23717139        .       -
        1       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23719659        23719855        .       -
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        0       Parent=Smp_035210.1
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SM_V9_1 iris    CDS     23724481        23724559        .       -
        1       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23724893        23725059        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23726860        23726946        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23731553        23731609        .       -
        0       Parent=Smp_035210.1
SM_V9_1 iris    CDS     23737199        23737291        .       -
        0       Parent=Smp_035210.1
SM_V9_1 Liftoff gene    23752473        23754037        .       -
        .       ID=Smp_035200;geneID=Smp_035200
SM_V9_1 Liftoff mRNA    23752473        23754037        .       -
        .
ID=Smp_035200.1;Parent=Smp_035200;geneID=Smp_035200;product=DnaJ
homolog subfamily A member
1;polypeptide_domain=InterPro:IPR001305,IPR001623,IPR002939,IPR00897
1,IPR012724
Pfam:PF00226,PF00684,PF01556;Ontology_term=GO:0005524,GO:0006457,GO:
0009408,GO:0031072,GO:0051082
SM_V9_1 Liftoff exon    23752473        23752971        .       -
        .       Parent=Smp_035200.1
SM_V9_1 Liftoff exon    23753010        23753468        .       -
        .       Parent=Smp_035200.1
SM_V9_1 Liftoff exon    23753503        23753785        .       -
        .       Parent=Smp_035200.1
SM_V9_1 Liftoff exon    23753819        23754037        .       -
        .       Parent=Smp_035200.1
SM_V9_1 Liftoff CDS     23752640        23752971        .       -
        2       Parent=Smp_035200.1
SM_V9_1 Liftoff CDS     23753010        23753468        .       -
        2       Parent=Smp_035200.1
SM_V9_1 Liftoff CDS     23753503        23753785        .       -
        0       Parent=Smp_035200.1
SM_V9_1 Liftoff CDS     23753819        23753950        .       -
        0       Parent=Smp_035200.1
SM_V9_1 iris    gene    23761955        23807084        .       +
        .
ID=Smp_035190;geneID=Smp_035190;gene_name=Smp_035190 ;owner=irisadmi
n@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    23761955        23807084        .       +
        .
ID=Smp_035190.1;Parent=Smp_035190;geneID=Smp_035190;gene_name=Smp_03
5190 ;owner=irisadmin@local.host;orig_id=Smp_035190.1;date_last_modi
fied=2022-08-02;Name=Smp_035190.1;product=Protein son of
sevenless;date_creation=2022-07-27
SM_V9_1 iris    exon    23761955        23762077        .       +
        .       Parent=Smp_035190.1;Name=51091ceb-4736-4eee-
a48d-53dceecc3593
SM_V9_1 iris    exon    23763117        23763507        .       +
        .       Parent=Smp_035190.1;Name=fd4899a5-2c35-429f-9f90-
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af115419c9e1
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        .       Parent=Smp_035190.1;Name=bf3b28b1-5b64-411b-
acbc-17198fb1a036
SM_V9_1 iris    exon    23763658        23763717        .       +
        .       Parent=Smp_035190.1;Name=54543530-2d37-47d3-
b5db-94c7fde5da20
SM_V9_1 iris    exon    23766093        23766494        .       +
        .       Parent=Smp_035190.1;Name=97790753-ebaf-4032-
a6f3-6b7c48e25d64
SM_V9_1 iris    exon    23770293        23770454        .       +
        .       Parent=Smp_035190.1;Name=d79f36d5-80b1-4cb2-ae26-
b488b82aa366
SM_V9_1 iris    exon    23778119        23778916        .       +
        .
Parent=Smp_035190.1;Name=fddba6ff-4ff3-4293-871c-7c6a3404a0a8
SM_V9_1 iris    exon    23780655        23780931        .       +
        .       Parent=Smp_035190.1;Name=72b79ada-b187-4c30-
b797-2bac0d81130d
SM_V9_1 iris    exon    23783937        23784173        .       +
        .       Parent=Smp_035190.1;Name=6b91f3ae-babf-4bef-
afa5-036e359edef7
SM_V9_1 iris    exon    23786714        23787155        .       +
        .       Parent=Smp_035190.1;Name=e76aea34-
a5da-4154-9900-7a022f872f4d
SM_V9_1 iris    exon    23787901        23787975        .       +
        .       Parent=Smp_035190.1;Name=a545917d-9c49-419c-ba2e-
abe6933f8582
SM_V9_1 iris    exon    23789389        23789551        .       +
        .
Parent=Smp_035190.1;Name=061597a6-61bb-41c1-8487-16c24e97a7c7
SM_V9_1 iris    exon    23791860        23792053        .       +
        .       Parent=Smp_035190.1;Name=2e60f0df-d5c6-401c-
ba65-2d2aedd7ae89
SM_V9_1 iris    exon    23794803        23795061        .       +
        .       Parent=Smp_035190.1;Name=007bcc4b-
b172-45cc-8c67-1c207e628e95
SM_V9_1 iris    exon    23795844        23795981        .       +
        .       Parent=Smp_035190.1;Name=acad9070-f31f-450d-
b62f-8e4d9c3363bf
SM_V9_1 iris    exon    23797183        23797365        .       +
        .       Parent=Smp_035190.1;Name=6f7f5054-79ee-4f15-94a9-
ac5f567730b6
SM_V9_1 iris    exon    23797472        23797834        .       +
        .       Parent=Smp_035190.1;Name=64b75211-5daf-4a18-
a628-39286c29aaa4
SM_V9_1 iris    exon    23798562        23798684        .       +
        .       Parent=Smp_035190.1;Name=38f19f25-ff73-4a93-9d96-
d3990c027d84
SM_V9_1 iris    exon    23801882        23802236        .       +
        .       Parent=Smp_035190.1;Name=1775f03c-98e8-467a-a654-
e6d72bf7e22b
SM_V9_1 iris    exon    23803055        23803321        .       +
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Parent=Smp_035190.1;Name=c85a31e4-88b8-45ab-8310-32869dcd7aee
SM_V9_1 iris    exon    23805030        23805242        .       +
        .       Parent=Smp_035190.1;Name=839c0328-af2c-493d-8759-
dc37b301c0d3
SM_V9_1 iris    exon    23806030        23807084        .       +
        .       Parent=Smp_035190.1;Name=69d2e05b-58da-4477-b9bf-
e4523e6fe65a
SM_V9_1 iris    CDS     23763169        23763507        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23763545        23763625        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23763658        23763717        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23766093        23766494        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23770293        23770454        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23778119        23778916        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23780655        23780931        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23783937        23784173        .       +
        2       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23786714        23787155        .       +
        2       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23787901        23787975        .       +
        1       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23789389        23789551        .       +
        1       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23791860        23792053        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23794803        23795061        .       +
        1       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23795844        23795981        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23797183        23797365        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23797472        23797834        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23798562        23798684        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23801882        23802236        .       +
        0       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23803055        23803321        .       +
        2       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23805030        23805242        .       +
        2       Parent=Smp_035190.1
SM_V9_1 iris    CDS     23806030        23806322        .       +
        2       Parent=Smp_035190.1
SM_V9_1 iris    gene    23833230        23910037        .       -
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ID=Smp_035180;geneID=Smp_035180;gene_name=Smp_035180;owner=irisadmin
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SM_V9_1 iris    mRNA    23833230        23910037        .       -
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ied=2022-08-02;Name=Smp_035180.1;product=Potassium voltage-gated
channel subfamily D member 3;date_creation=2022-07-27
SM_V9_1 iris    exon    23833230        23834008        .       -
        .       Parent=Smp_035180.1;Name=2ab101fd-05f9-42ea-9141-
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SM_V9_1 iris    exon    23849648        23849843        .       -
        .       Parent=Smp_035180.1;Name=f78143f6-f1ab-44ce-
b908-80d0b956860b
SM_V9_1 iris    exon    23860039        23860208        .       -
        .       Parent=Smp_035180.1;Name=0040e575-
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f4feee2ea5c8
SM_V9_1 iris    exon    23868280        23868442        .       -
        .       Parent=Smp_035180.1;Name=a9cdcb1f-724c-4c98-
b69e-305997f07071
SM_V9_1 iris    exon    23908731        23910037        .       -
        .       Parent=Smp_035180.1;Name=ea1a7257-
fa17-4439-8e2f-60d37094b3d2
SM_V9_1 iris    CDS     23833985        23834008        .       -
        0       Parent=Smp_035180.1
SM_V9_1 iris    CDS     23849648        23849843        .       -
        1       Parent=Smp_035180.1
SM_V9_1 iris    CDS     23860039        23860208        .       -
        0       Parent=Smp_035180.1
SM_V9_1 iris    CDS     23861895        23862278        .       -
        0       Parent=Smp_035180.1
SM_V9_1 iris    CDS     23868280        23868442        .       -
        1       Parent=Smp_035180.1
SM_V9_1 iris    CDS     23908731        23909830        .       -
        0       Parent=Smp_035180.1
SM_V9_1 Liftoff gene    23920191        23926415        .       +
        .       ID=Smp_035150;geneID=Smp_035150
SM_V9_1 Liftoff mRNA    23920191        23926415        .       +
        .
ID=Smp_035150.1;Parent=Smp_035150;geneID=Smp_035150;product=Uncharac
terized protein C9orf78;polypeptide_domain=InterPro:IPR010756
Pfam:PF07052
SM_V9_1 Liftoff exon    23920191        23922120        .       +
        .       Parent=Smp_035150.1
SM_V9_1 Liftoff exon    23922158        23922223        .       +
        .       Parent=Smp_035150.1
SM_V9_1 Liftoff exon    23923533        23923801        .       +
        .       Parent=Smp_035150.1
SM_V9_1 Liftoff exon    23925538        23925681        .       +
        .       Parent=Smp_035150.1
SM_V9_1 Liftoff exon    23926201        23926415        .       +
        .       Parent=Smp_035150.1
SM_V9_1 Liftoff CDS     23921744        23922120        .       +
        0       Parent=Smp_035150.1
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SM_V9_1 Liftoff CDS     23922158        23922223        .       +
        1       Parent=Smp_035150.1
SM_V9_1 Liftoff CDS     23923533        23923801        .       +
        1       Parent=Smp_035150.1
SM_V9_1 Liftoff CDS     23925538        23925681        .       +
        2       Parent=Smp_035150.1
SM_V9_1 Liftoff CDS     23926201        23926292        .       +
        2       Parent=Smp_035150.1
SM_V9_1 Liftoff gene    23929781        23977887        .       -
        .
ID=Smp_333650;geneID=Smp_333650;previous_systematic_id=Smp_035120,Sm
p_035140
SM_V9_1 Liftoff mRNA    23929781        23977887        .       -
        .
ID=Smp_333650.1;Parent=Smp_333650;geneID=Smp_333650;product=Transien
t receptor potential cation channel
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Pfam:PF00023,PF00520;Ontology_term=GO:0005216,GO:0005515,GO:0006811,
GO:0016020,GO:0055085
SM_V9_1 Liftoff exon    23929781        23933159        .       -
        .       Parent=Smp_333650.1
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        .       Parent=Smp_333650.1
SM_V9_1 Liftoff exon    23977286        23977887        .       -
        .       Parent=Smp_333650.1
SM_V9_1 Liftoff CDS     23930817        23933159        .       -
        0       Parent=Smp_333650.1
SM_V9_1 Liftoff CDS     23934875        23936240        .       -
        1       Parent=Smp_333650.1
SM_V9_1 Liftoff CDS     23977286        23977719        .       -
        0       Parent=Smp_333650.1
SM_V9_1 Liftoff gene    23982660        24026997        .       -
        .
ID=Smp_343410;geneID=Smp_343410;previous_systematic_id=Smp_141180
SM_V9_1 Liftoff mRNA    23982660        24026997        .       -
        .
ID=Smp_343410.1;Parent=Smp_343410;geneID=Smp_343410;product=Serine/
threonine kinase-like domain-containing protein
STKLD1;polypeptide_domain=InterPro:IPR000719,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    23982660        23983446        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    23994769        23994930        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24000936        24001070        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24003584        24003712        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24005716        24006378        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24013006        24013103        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24016103        24016176        .       -
        .       Parent=Smp_343410.1
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SM_V9_1 Liftoff exon    24020525        24020721        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24023671        24023754        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24025864        24025973        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24026004        24026074        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24026117        24026218        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24026251        24026370        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24026408        24026494        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff exon    24026528        24026997        .       -
        .       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     23983376        23983446        .       -
        2       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     23994769        23994930        .       -
        2       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24000936        24001070        .       -
        2       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24003584        24003712        .       -
        2       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24005716        24006378        .       -
        2       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24013006        24013103        .       -
        1       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24016103        24016176        .       -
        0       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24020525        24020721        .       -
        2       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24023671        24023754        .       -
        2       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24025864        24025973        .       -
        1       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24026004        24026074        .       -
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SM_V9_1 Liftoff CDS     24026117        24026218        .       -
        0       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24026251        24026370        .       -
        0       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24026408        24026494        .       -
        0       Parent=Smp_343410.1
SM_V9_1 Liftoff CDS     24026528        24026578        .       -
        0       Parent=Smp_343410.1
SM_V9_1 Liftoff mRNA    23982660        24026997        .       -
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threonine kinase-like domain-containing protein
STKLD1;polypeptide_domain=InterPro:IPR000719,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    23982660        24002287        .       -
        .       Parent=Smp_343410.2
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SM_V9_1 Liftoff exon    24003584        24003712        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24005716        24006378        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24013006        24013103        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24016103        24016176        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24020525        24020721        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24023671        24023754        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24025864        24025973        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24026004        24026074        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24026117        24026218        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24026251        24026370        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24026408        24026494        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff exon    24026528        24026997        .       -
        .       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24002184        24002287        .       -
        2       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24003584        24003712        .       -
        2       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24005716        24006378        .       -
        2       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24013006        24013103        .       -
        1       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24016103        24016176        .       -
        0       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24020525        24020721        .       -
        2       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24023671        24023754        .       -
        2       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24025864        24025973        .       -
        1       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24026004        24026074        .       -
        0       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24026117        24026218        .       -
        0       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24026251        24026370        .       -
        0       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24026408        24026494        .       -
        0       Parent=Smp_343410.2
SM_V9_1 Liftoff CDS     24026528        24026578        .       -
        0       Parent=Smp_343410.2
SM_V9_1 iris    gene    24030405        24040821        .       +
        .
ID=Smp_035110;geneID=Smp_035110;gene_name=Smp_035110;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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SM_V9_1 iris    mRNA    24030405        24040821        .       +
       .
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5110;owner=irisadmin@local.host;orig_id=Smp_035110.1;date_last_modif
ied=2022-08-02;Name=Smp_035110.1;product=Charged multivesicular body
protein 7;date_creation=2022-07-27
SM_V9_1 iris    exon    24030405        24030860        .       +
       .       Parent=Smp_035110.1;Name=5c5cf189-8b8d-4b17-850c-
a9833fa1bb0a
SM_V9_1 iris    exon    24035938        24036226        .       +
       .       Parent=Smp_035110.1;Name=038c4610-f66a-4e87-bad1-
d3c086b3f9dd
SM_V9_1 iris    exon    24037204        24037403        .       +
       .       Parent=Smp_035110.1;Name=ddeb2ee7-9d7a-4877-
b08c-4f6149776acd
SM_V9_1 iris    exon    24037931        24038183        .       +
       .
Parent=Smp_035110.1;Name=6d83f718-0762-499e-8c4d-5b2ff61c50f6
SM_V9_1 iris    exon    24039796        24040821        .       +
       .
Parent=Smp_035110.1;Name=cbba33f6-1255-48ce-983c-47aacd856b92
SM_V9_1 iris    CDS     24030460        24030860        .       +
       0       Parent=Smp_035110.1
SM_V9_1 iris    CDS     24035938        24036226        .       +
       1       Parent=Smp_035110.1
SM_V9_1 iris    CDS     24037204        24037403        .       +
       0       Parent=Smp_035110.1
SM_V9_1 iris    CDS     24037931        24038183        .       +
       1       Parent=Smp_035110.1
SM_V9_1 iris    CDS     24039796        24040044        .       +
       0       Parent=Smp_035110.1
SM_V9_1 Liftoff gene    24057302        24062511        .       -
       .       ID=Smp_141170;geneID=Smp_141170
SM_V9_1 Liftoff mRNA    24057302        24062511        .       -
       .
ID=Smp_141170.1;Parent=Smp_141170;geneID=Smp_141170;product=Putative
ankyrin repeat protein RBE_1215
SM_V9_1 Liftoff exon    24057302        24062511        .       -
       .       Parent=Smp_141170.1
SM_V9_1 Liftoff CDS     24057615        24057869        .       -
       0       Parent=Smp_141170.1
SM_V9_1 iris    gene    24088449        24107291        .       -
       .
ID=Smp_035090;geneID=Smp_035090;gene_name=Smp_035090;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24088449        24107291        .       -
       .
ID=Smp_035090.1;Parent=Smp_035090;geneID=Smp_035090;gene_name=Smp_03
5090;owner=irisadmin@local.host;orig_id=Smp_035090.1;date_last_modif
ied=2022-08-02;Name=Smp_035090.1;product=Disks large-associated
protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    24088449        24089335        .       -
       .       Parent=Smp_035090.1;Name=33cf8ae5-18d1-4d46-9b7d-
c9cbcbf19a14
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SM_V9_1 iris    exon    24090628        24090965        .       -
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Parent=Smp_035090.1;Name=235ce97e-8069-4218-83ed-636e01968542
SM_V9_1 iris    exon    24093421        24093660        .       -
        .
Parent=Smp_035090.1;Name=3b8a9624-2176-48b7-9cfd-91938aab1b12
SM_V9_1 iris    exon    24095274        24095499        .       -
        .       Parent=Smp_035090.1;Name=04b7ce9d-
e2d5-4a99-8698-9c80b4502a38
SM_V9_1 iris    exon    24096329        24096388        .       -
        .       Parent=Smp_035090.1;Name=4fb9fb0d-3e8c-4b05-
ae40-6c5dac6da415
SM_V9_1 iris    exon    24097708        24098018        .       -
        .       Parent=Smp_035090.1;Name=f1c09d18-b54c-4dde-
ba17-8e51d9f19d8e
SM_V9_1 iris    exon    24098181        24098486        .       -
        .       Parent=Smp_035090.1;Name=1c9f8c66-eb42-46dd-ac0c-
e65eba0166fa
SM_V9_1 iris    exon    24102453        24102504        .       -
        .       Parent=Smp_035090.1;Name=322e0d72-7f9c-4b4a-
b2a4-7e42d70212fe
SM_V9_1 iris    exon    24104007        24104233        .       -
        .
Parent=Smp_035090.1;Name=a18f7ca7-8042-4bee-86f3-14359e074013
SM_V9_1 iris    exon    24106339        24106746        .       -
        .       Parent=Smp_035090.1;Name=b990f0f5-ae35-4e96-
a277-7343f97e5cd8
SM_V9_1 iris    exon    24106795        24106954        .       -
        .
Parent=Smp_035090.1;Name=aad68401-1620-49dc-89af-36f10f36c0e4
SM_V9_1 iris    exon    24106993        24107039        .       -
        .       Parent=Smp_035090.1;Name=91a48262-29d7-4b08-
b892-58a056eabc00
SM_V9_1 iris    exon    24107078        24107291        .       -
        .
Parent=Smp_035090.1;Name=3856de42-6667-4162-952b-4f45de07a9fd
SM_V9_1 iris    CDS     24089159        24089335        .       -
        0       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24090628        24090965        .       -
        2       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24093421        24093660        .       -
        2       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24095274        24095499        .       -
        0       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24096329        24096388        .       -
        0       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24097708        24098018        .       -
        2       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24098181        24098486        .       -
        2       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24102453        24102504        .       -
        0       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24104007        24104233        .       -
        2       Parent=Smp_035090.1
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SM_V9_1 iris    CDS     24106339        24106746        .       -
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SM_V9_1 iris    CDS     24106795        24106954        .       -
        0       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24106993        24107039        .       -
        2       Parent=Smp_035090.1
SM_V9_1 iris    CDS     24107078        24107108        .       -
        0       Parent=Smp_035090.1
SM_V9_1 Liftoff gene    24120525        24124073        .       +
        .       ID=Smp_035080;geneID=Smp_035080
SM_V9_1 Liftoff mRNA    24120525        24124073        .       +
        .
ID=Smp_035080.1;Parent=Smp_035080;geneID=Smp_035080;product=N-
acetylglucosaminyl-phosphatidylinositol de-N-
acetylase;polypeptide_domain=InterPro:IPR003737,IPR024078
Pfam:PF02585
SM_V9_1 Liftoff exon    24120525        24124073        .       +
        .       Parent=Smp_035080.1
SM_V9_1 Liftoff CDS     24123149        24123739        .       +
        0       Parent=Smp_035080.1
SM_V9_1 iris    gene    24124297        24135191        .       -
        .
ID=Smp_141160;geneID=Smp_141160;gene_name=Smp_141160;owner=irisadmin
@local.host;date_last_modified=2022-11-09;date_creation=2022-11-09
SM_V9_1 iris    mRNA    24124297        24135191        .       -
        .
ID=Smp_141160.1;Parent=Smp_141160;geneID=Smp_141160;gene_name=Smp_14
1160;owner=irisadmin@local.host;orig_id=Smp_141160.1;date_last_modif
ied=2022-11-09;Name=Smp_141160.1;product=E3 ubiquitin-protein ligase
rnf168;date_creation=2022-11-09
SM_V9_1 iris    exon    24124297        24124449        .       -
        .       Parent=Smp_141160.1;Name=2f5181c8-f74d-4a7a-b6c0-
d7dd8ced2e57
SM_V9_1 iris    exon    24127610        24127694        .       -
        .       Parent=Smp_141160.1;Name=c1f90c24-0e09-43ff-b869-
e6cdbe947fe4
SM_V9_1 iris    exon    24127696        24127795        .       -
        .       Parent=Smp_141160.1;Name=32c30b03-1603-410a-9487-
dbf8c2c2aba2
SM_V9_1 iris    exon    24127832        24128017        .       -
        .       Parent=Smp_141160.1;Name=7e4459cd-6352-44f6-
a7b9-6f9a51d7e8bb
SM_V9_1 iris    exon    24128181        24128566        .       -
        .       Parent=Smp_141160.1;Name=b404d4d0-e91e-4fce-baa2-
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SM_V9_1 iris    exon    24135173        24135191        .       -
        .       Parent=Smp_141160.1;Name=43a5d278-3e5e-4a4e-
aa4e-6e837e380f7a
SM_V9_1 iris    CDS     24124351        24124449        .       -
        0       Parent=Smp_141160.1
SM_V9_1 iris    CDS     24127610        24127694        .       -
        1       Parent=Smp_141160.1
SM_V9_1 iris    CDS     24127696        24127795        .       -
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SM_V9_1 iris    CDS     24127832        24128017        .       -
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SM_V9_1 iris    CDS     24128181        24128484        .       -
        0       Parent=Smp_141160.1
SM_V9_1 iris    gene    24149045        24169800        .       +
        .
ID=Smp_141150;geneID=Smp_141150;gene_name=Smp_141150;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24149045        24169800        .       +
        .
ID=Smp_141150.1;Parent=Smp_141150;geneID=Smp_141150;gene_name=Smp_14
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ied=2022-08-02;Name=Smp_141150.1;product=Phospholipase
DDHD1;date_creation=2022-07-27
SM_V9_1 iris    exon    24149045        24149162        .       +
        .       Parent=Smp_141150.1;Name=c72ddba5-11b4-4fee-
aca0-7e4dbd8e4aac
SM_V9_1 iris    exon    24149209        24149272        .       +
        .       Parent=Smp_141150.1;Name=752e523f-
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SM_V9_1 iris    exon    24149309        24149555        .       +
        .
Parent=Smp_141150.1;Name=935063b3-224c-4328-8a30-186656724eeb
SM_V9_1 iris    exon    24150215        24150598        .       +
        .       Parent=Smp_141150.1;Name=eebc0ea0-5a7e-4d8f-8f30-
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SM_V9_1 iris    exon    24152626        24152742        .       +
        .
Parent=Smp_141150.1;Name=1f1d25cd-4e19-4e7d-811c-6fe31bbe2fbb
SM_V9_1 iris    exon    24154906        24155044        .       +
        .       Parent=Smp_141150.1;Name=7166605e-0d00-4047-a4bb-
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SM_V9_1 iris    exon    24156704        24157184        .       +
        .       Parent=Smp_141150.1;Name=ebe0ab24-9392-4679-
aa24-204b0e17e03b
SM_V9_1 iris    exon    24159125        24159237        .       +
        .       Parent=Smp_141150.1;Name=a9d27650-32e9-4b8f-b402-
bbc1869acab8
SM_V9_1 iris    exon    24160735        24160921        .       +
        .
Parent=Smp_141150.1;Name=338335ab-3b0d-46d3-9e97-7b8135c54f59
SM_V9_1 iris    exon    24162128        24162277        .       +
        .       Parent=Smp_141150.1;Name=cba91e94-
ef0c-48af-895b-54acd9664d2d
SM_V9_1 iris    exon    24163939        24164094        .       +
        .
Parent=Smp_141150.1;Name=8cffbc76-220e-462a-837d-8fc48dde2fa0
SM_V9_1 iris    exon    24165463        24165544        .       +
        .       Parent=Smp_141150.1;Name=f38eae85-c7bc-41af-
a382-6d012d9b62ef
SM_V9_1 iris    exon    24167665        24169800        .       +
        .       Parent=Smp_141150.1;Name=97411abf-
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SM_V9_1 iris    CDS     24149240        24149272        .       +
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SM_V9_1 iris    CDS     24149309        24149555        .       +
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SM_V9_1 iris    CDS     24150215        24150598        .       +
        2       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24152626        24152742        .       +
        2       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24154906        24155044        .       +
        2       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24156704        24157184        .       +
        1       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24159125        24159237        .       +
        0       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24160735        24160921        .       +
        1       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24162128        24162277        .       +
        0       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24163939        24164094        .       +
        0       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24165463        24165544        .       +
        0       Parent=Smp_141150.1
SM_V9_1 iris    CDS     24167665        24168074        .       +
        2       Parent=Smp_141150.1
SM_V9_1 Liftoff gene    24178405        24206728        .       +
        .       ID=Smp_035040;geneID=Smp_035040
SM_V9_1 Liftoff mRNA    24178405        24206728        .       +
        .
ID=Smp_035040.1;Parent=Smp_035040;geneID=Smp_035040;product=Protein
turtle homolog
B;polypeptide_domain=InterPro:IPR007110,IPR013162,IPR013783
Pfam:PF08205
SM_V9_1 Liftoff exon    24178405        24178769        .       +
        .       Parent=Smp_035040.1
SM_V9_1 Liftoff exon    24188142        24188251        .       +
        .       Parent=Smp_035040.1
SM_V9_1 Liftoff exon    24191197        24191416        .       +
        .       Parent=Smp_035040.1
SM_V9_1 Liftoff exon    24201061        24201234        .       +
        .       Parent=Smp_035040.1
SM_V9_1 Liftoff exon    24203689        24203826        .       +
        .       Parent=Smp_035040.1
SM_V9_1 Liftoff exon    24206492        24206728        .       +
        .       Parent=Smp_035040.1
SM_V9_1 Liftoff CDS     24178703        24178769        .       +
        0       Parent=Smp_035040.1
SM_V9_1 Liftoff CDS     24188142        24188251        .       +
        2       Parent=Smp_035040.1
SM_V9_1 Liftoff CDS     24191197        24191416        .       +
        0       Parent=Smp_035040.1
SM_V9_1 Liftoff CDS     24201061        24201234        .       +
        2       Parent=Smp_035040.1
SM_V9_1 Liftoff CDS     24203689        24203826        .       +
        2       Parent=Smp_035040.1
SM_V9_1 Liftoff CDS     24206492        24206508        .       +
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        .       ID=Smp_035030;geneID=Smp_035030
SM_V9_1 Liftoff mRNA    24210220        24229551        .       -
        .
ID=Smp_035030.1;Parent=Smp_035030;geneID=Smp_035030;product=ATP-
dependent RNA helicase
A;polypeptide_domain=InterPro:IPR001650,IPR002464,IPR007502,IPR01170
9,IPR014001,IPR014720,IPR027417
Pfam:PF00035,PF00271,PF04408,PF07717;Ontology_term=GO:0004386
SM_V9_1 Liftoff exon    24210220        24211558        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24211769        24212029        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24214661        24215037        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24215714        24215892        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24216093        24216720        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24217896        24218349        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24218452        24218655        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24220801        24221052        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24222100        24222283        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24222714        24222856        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24222892        24223032        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24223064        24223204        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff exon    24223241        24229551        .       -
        .       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24210779        24211558        .       -
        0       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24211769        24212029        .       -
        0       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24214661        24215037        .       -
        2       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24215714        24215892        .       -
        1       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24216093        24216720        .       -
        2       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24217896        24218349        .       -
        0       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24218452        24218655        .       -
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SM_V9_1 Liftoff CDS     24220801        24221052        .       -
        0       Parent=Smp_035030.1
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        1       Parent=Smp_035030.1
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SM_V9_1 Liftoff CDS     24222714        24222856        .       -
        0       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24222892        24223032        .       -
        0       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24223064        24223204        .       -
        0       Parent=Smp_035030.1
SM_V9_1 Liftoff CDS     24223241        24223366        .       -
        0       Parent=Smp_035030.1
SM_V9_1 iris    gene    24236895        24252978        .       +
        .
ID=Smp_035020;geneID=Smp_035020;gene_name=Smp_035020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24236895        24252978        .       +
        .
ID=Smp_035020.1;Parent=Smp_035020;geneID=Smp_035020;gene_name=Smp_03
5020;owner=irisadmin@local.host;orig_id=Smp_035020.2;date_last_modif
ied=2022-08-02;Name=Smp_035020.1;product=Tetraspanin-33;date_creatio
n=2022-07-27
SM_V9_1 iris    exon    24236895        24237031        .       +
        .       Parent=Smp_035020.1;Name=1df20f0e-5cc9-44d5-af01-
ceb261c050e2
SM_V9_1 iris    exon    24237761        24237923        .       +
        .       Parent=Smp_035020.1;Name=6156c0c6-916d-4721-818d-
f746319e3a16
SM_V9_1 iris    exon    24242541        24242741        .       +
        .
Parent=Smp_035020.1;Name=31dbcd0d-5d62-4c3e-8ca8-16db61801931
SM_V9_1 iris    exon    24242784        24242963        .       +
        .       Parent=Smp_035020.1;Name=31e1f710-c5a1-444b-
aa36-4ef9fa0f5d52
SM_V9_1 iris    exon    24247682        24247813        .       +
        .       Parent=Smp_035020.1;Name=0c5cd0b4-4091-4e4a-
b0f0-5f4dc2611d62
SM_V9_1 iris    exon    24250201        24250365        .       +
        .       Parent=Smp_035020.1;Name=4215b053-3496-44e8-9a76-
c200cf0f8848
SM_V9_1 iris    exon    24252200        24252978        .       +
        .
Parent=Smp_035020.1;Name=4b8a48d7-861b-4774-8912-6fefd544973c
SM_V9_1 iris    CDS     24236925        24237031        .       +
        0       Parent=Smp_035020.1
SM_V9_1 iris    CDS     24237761        24237923        .       +
        1       Parent=Smp_035020.1
SM_V9_1 iris    CDS     24242541        24242741        .       +
        0       Parent=Smp_035020.1
SM_V9_1 iris    CDS     24242784        24242963        .       +
        0       Parent=Smp_035020.1
SM_V9_1 iris    CDS     24247682        24247813        .       +
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SM_V9_1 iris    CDS     24250201        24250365        .       +
        0       Parent=Smp_035020.1
SM_V9_1 iris    CDS     24252200        24252286        .       +
        0       Parent=Smp_035020.1
SM_V9_1 iris    gene    24254489        24258271        .       +
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ID=Smp_035010;geneID=Smp_035010;gene_name=Smp_035010;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24254489        24258271        .       +
        .
ID=Smp_035010.1;Parent=Smp_035010;geneID=Smp_035010;gene_name=Smp_03
5010;owner=irisadmin@local.host;orig_id=Smp_035010.1;date_last_modif
ied=2022-08-02;Name=Smp_035010.1;product=Protein chibby homolog
1;date_creation=2022-07-27
SM_V9_1 iris    exon    24254489        24254727        .       +
        .       Parent=Smp_035010.1;Name=205cab95-
a25c-41ed-92f1-2fab0ab02944
SM_V9_1 iris    exon    24257334        24257476        .       +
        .       Parent=Smp_035010.1;Name=04ce556f-8804-48c5-
ab08-9e5278581995
SM_V9_1 iris    exon    24257919        24258271        .       +
        .       Parent=Smp_035010.1;Name=359a1990-2c77-4f26-
ae81-75bccade6530
SM_V9_1 iris    CDS     24254544        24254727        .       +
        0       Parent=Smp_035010.1
SM_V9_1 iris    CDS     24257334        24257476        .       +
        2       Parent=Smp_035010.1
SM_V9_1 iris    CDS     24257919        24258020        .       +
        0       Parent=Smp_035010.1
SM_V9_1 iris    gene    24258805        24261069        .       +
        .
ID=Smp_035000;geneID=Smp_035000;gene_name=Smp_035000;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24258805        24261069        .       +
        .
ID=Smp_035000.1;Parent=Smp_035000;geneID=Smp_035000;gene_name=Smp_03
5000;owner=irisadmin@local.host;orig_id=Smp_035000.1;date_last_modif
ied=2022-08-02;Name=Smp_035000.1;product=Transmembrane protein
242;date_creation=2022-07-27
SM_V9_1 iris    exon    24258805        24258954        .       +
        .
Parent=Smp_035000.1;Name=5d3eeeb6-530d-4da2-8465-98f9e22bb00f
SM_V9_1 iris    exon    24258990        24259090        .       +
        .       Parent=Smp_035000.1;Name=75b21e69-1068-48c3-a49e-
c4c3b5634c70
SM_V9_1 iris    exon    24260465        24261069        .       +
        .       Parent=Smp_035000.1;Name=7649f3d4-ae2d-42c3-
a9a1-79a5f58680dd
SM_V9_1 iris    CDS     24258906        24258954        .       +
        0       Parent=Smp_035000.1
SM_V9_1 iris    CDS     24258990        24259090        .       +
        2       Parent=Smp_035000.1
SM_V9_1 iris    CDS     24260465        24260737        .       +
        0       Parent=Smp_035000.1
SM_V9_1 iris    gene    24262851        24272121        .       -
        .
ID=Smp_141140;geneID=Smp_141140;gene_name=Smp_141140;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24262851        24272121        .       -
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ied=2022-08-02;Name=Smp_141140.1;product=Arginine/serine-rich
coiled-coil protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    24262851        24263293        .       -
        .       Parent=Smp_141140.1;Name=9c20bfdf-c986-4a62-8b83-
ccb9c56fb5c4
SM_V9_1 iris    exon    24263391        24263617        .       -
        .       Parent=Smp_141140.1;Name=9da8ddfa-4b60-4a6d-
a503-97e95d5c7101
SM_V9_1 iris    exon    24264415        24264511        .       -
        .       Parent=Smp_141140.1;Name=78dc5797-2fc1-4eaf-
b534-3eb9ea10be29
SM_V9_1 iris    exon    24264782        24265061        .       -
        .       Parent=Smp_141140.1;Name=add4ec9e-7c50-4b4c-
b7f0-6f5504465485
SM_V9_1 iris    exon    24270847        24271025        .       -
        .       Parent=Smp_141140.1;Name=a0ae1817-b584-460c-
b953-4c7de368a2f1
SM_V9_1 iris    exon    24271942        24272007        .       -
        .       Parent=Smp_141140.1;Name=9d576697-f34c-4448-9997-
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SM_V9_1 iris    exon    24272055        24272121        .       -
        .       Parent=Smp_141140.1;Name=9da9918f-654e-47e4-
bfea-8ae9cc05ddc2
SM_V9_1 iris    CDS     24262964        24263293        .       -
        0       Parent=Smp_141140.1
SM_V9_1 iris    CDS     24263391        24263617        .       -
        2       Parent=Smp_141140.1
SM_V9_1 iris    CDS     24264415        24264511        .       -
        0       Parent=Smp_141140.1
SM_V9_1 iris    CDS     24264782        24265061        .       -
        1       Parent=Smp_141140.1
SM_V9_1 iris    CDS     24270847        24271025        .       -
        0       Parent=Smp_141140.1
SM_V9_1 iris    CDS     24271942        24272007        .       -
        0       Parent=Smp_141140.1
SM_V9_1 iris    CDS     24272055        24272099        .       -
        0       Parent=Smp_141140.1
SM_V9_1 iris    gene    24288063        24303587        .       +
        .
ID=Smp_034980;geneID=Smp_034980;gene_name=Smp_034980;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24288063        24303587        .       +
        .
ID=Smp_034980.1;Parent=Smp_034980;geneID=Smp_034980;gene_name=Smp_03
4980;owner=irisadmin@local.host;orig_id=Smp_034980.5;date_last_modif
ied=2022-08-02;Name=Smp_034980.1;product=Serine/threonine-protein
phosphatase 1 regulatory subunit 10;date_creation=2022-07-27
SM_V9_1 iris    exon    24288063        24288165        .       +
        .       Parent=Smp_034980.1;Name=f6e6204a-7537-49b6-8736-
e7d1c6575365
SM_V9_1 iris    exon    24294429        24294798        .       +
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        .       Parent=Smp_034980.1;Name=e05b0fc3-d777-4e75-
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SM_V9_1 iris    exon    24294835        24294909        .       +
        .
Parent=Smp_034980.1;Name=b1ae644c-33a7-49c4-880e-47b7919c9ad0
SM_V9_1 iris    exon    24294945        24295146        .       +
        .       Parent=Smp_034980.1;Name=154dca6a-bf7b-4a33-
a5c4-17f58d4ad118
SM_V9_1 iris    exon    24295184        24295275        .       +
        .       Parent=Smp_034980.1;Name=7bf497ec-b731-4e4d-bdf0-
a63a7985f92b
SM_V9_1 iris    exon    24295319        24295437        .       +
        .       Parent=Smp_034980.1;Name=360fe604-4d97-4b98-a216-
fb962fa25ff9
SM_V9_1 iris    exon    24295472        24295685        .       +
        .
Parent=Smp_034980.1;Name=db01a6f9-438c-48c4-8ed5-164a3f99075e
SM_V9_1 iris    exon    24295777        24295883        .       +
        .       Parent=Smp_034980.1;Name=903105bf-c409-477f-be34-
c09280636fdc
SM_V9_1 iris    exon    24298339        24298539        .       +
        .
Parent=Smp_034980.1;Name=d9a3bbfc-3c43-42c5-9017-9de2c285466c
SM_V9_1 iris    exon    24301085        24301171        .       +
        .
Parent=Smp_034980.1;Name=7035883c-3e96-4d69-9ec5-475c760a3538
SM_V9_1 iris    exon    24302275        24303587        .       +
        .       Parent=Smp_034980.1;Name=863f2ca3-2afa-41ca-
b049-8edf4a30c62c
SM_V9_1 iris    CDS     24288157        24288165        .       +
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SM_V9_1 iris    CDS     24294429        24294798        .       +
        0       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24294835        24294909        .       +
        2       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24294945        24295146        .       +
        2       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24295184        24295275        .       +
        1       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24295319        24295437        .       +
        2       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24295472        24295685        .       +
        0       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24295777        24295883        .       +
        2       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24298339        24298539        .       +
        0       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24301085        24301171        .       +
        0       Parent=Smp_034980.1
SM_V9_1 iris    CDS     24302275        24303075        .       +
        0       Parent=Smp_034980.1
SM_V9_1 Liftoff gene    24356435        24366964        .       -
        .       ID=Smp_141130;geneID=Smp_141130
SM_V9_1 Liftoff mRNA    24356435        24366964        .       -
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ID=Smp_141130.1;Parent=Smp_141130;geneID=Smp_141130;product=La-
related protein 6
SM_V9_1 Liftoff exon    24356435        24356509        .       -
        .       Parent=Smp_141130.1
SM_V9_1 Liftoff exon    24361640        24361767        .       -
        .       Parent=Smp_141130.1
SM_V9_1 Liftoff exon    24366940        24366964        .       -
        .       Parent=Smp_141130.1
SM_V9_1 Liftoff CDS     24356435        24356509        .       -
        0       Parent=Smp_141130.1
SM_V9_1 Liftoff CDS     24361640        24361767        .       -
        2       Parent=Smp_141130.1
SM_V9_1 Liftoff CDS     24366940        24366964        .       -
        0       Parent=Smp_141130.1
SM_V9_1 Liftoff gene    24414150        24421171        .       -
        .       ID=Smp_141120;geneID=Smp_141120
SM_V9_1 Liftoff mRNA    24414150        24421171        .       -
        .
ID=Smp_141120.1;Parent=Smp_141120;geneID=Smp_141120;product=Zinc
finger protein
592;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    24414150        24416577        .       -
        .       Parent=Smp_141120.1
SM_V9_1 Liftoff exon    24416740        24418947        .       -
        .       Parent=Smp_141120.1
SM_V9_1 Liftoff exon    24420193        24420495        .       -
        .       Parent=Smp_141120.1
SM_V9_1 Liftoff exon    24420532        24421171        .       -
        .       Parent=Smp_141120.1
SM_V9_1 Liftoff CDS     24415009        24416577        .       -
        0       Parent=Smp_141120.1
SM_V9_1 Liftoff CDS     24416740        24418947        .       -
        0       Parent=Smp_141120.1
SM_V9_1 Liftoff CDS     24420193        24420495        .       -
        0       Parent=Smp_141120.1
SM_V9_1 Liftoff CDS     24420532        24420786        .       -
        0       Parent=Smp_141120.1
SM_V9_1 iris    gene    24421295        24485857        .       +
        .
ID=Smp_246000;geneID=Smp_246000;gene_name=Smp_246000;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24421295        24485857        .       +
        .
ID=Smp_246000.1;Parent=Smp_246000;geneID=Smp_246000;gene_name=Smp_24
6000;owner=irisadmin@local.host;orig_id=Smp_246000.1;date_last_modif
ied=2022-08-02;Name=Smp_246000.1;product=Xenotropic and polytropic
retrovirus receptor 1;date_creation=2022-07-27
SM_V9_1 iris    exon    24421295        24421480        .       +
        .       Parent=Smp_246000.1;Name=606e6d64-
a78a-48c6-9ea1-5bd35fecad07
SM_V9_1 iris    exon    24421515        24421566        .       +
        .       Parent=Smp_246000.1;Name=a2333c0c-
f9ed-47a8-8632-955504e0f631
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SM_V9_1 iris    exon    24421605        24421706        .       +
        .       Parent=Smp_246000.1;Name=f8fc50a9-da99-44c1-84d7-
b3b062600002
SM_V9_1 iris    exon    24421743        24422191        .       +
        .       Parent=Smp_246000.1;Name=73bb0aec-1fcc-4065-8104-
fbfe8b65d835
SM_V9_1 iris    exon    24423891        24423992        .       +
        .       Parent=Smp_246000.1;Name=6fbf6696-d87f-4a9a-
ac62-87d577a96ce8
SM_V9_1 iris    exon    24425213        24425293        .       +
        .       Parent=Smp_246000.1;Name=94bef81f-70cb-4b3b-
b900-1bd0b7dcb04f
SM_V9_1 iris    exon    24427368        24427446        .       +
        .       Parent=Smp_246000.1;Name=44f74461-2bcd-4999-
b537-8e5fc644d469
SM_V9_1 iris    exon    24439475        24439665        .       +
        .       Parent=Smp_246000.1;Name=2ddfb1f4-fe73-46e3-
b151-9575edfdea85
SM_V9_1 iris    exon    24448017        24448196        .       +
        .
Parent=Smp_246000.1;Name=64637bb8-05d6-4f20-9cec-146487b4d67a
SM_V9_1 iris    exon    24452043        24452313        .       +
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        .       Parent=Smp_246000.1;Name=4b2c32b5-dadc-4583-b832-
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SM_V9_1 iris    exon    24469070        24469883        .       +
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SM_V9_1 iris    exon    24472958        24473483        .       +
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Parent=Smp_246000.1;Name=1eddd6fa-7cd6-436e-9c2e-233790a4a85f
SM_V9_1 iris    exon    24484506        24485857        .       +
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SM_V9_1 iris    CDS     24421412        24421480        .       +
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        0       Parent=Smp_246000.1
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SM_V9_1 iris    CDS     24421743        24422191        .       +
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SM_V9_1 iris    CDS     24423891        24423992        .       +
        0       Parent=Smp_246000.1
SM_V9_1 iris    CDS     24425213        24425293        .       +
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SM_V9_1 iris    CDS     24427368        24427446        .       +
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SM_V9_1 iris    CDS     24439475        24439665        .       +
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SM_V9_1 iris    CDS     24452043        24452313        .       +
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SM_V9_1 iris    exon    24503635        24504078        .       -
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        .       Parent=Smp_034940.1;Name=c137c5db-f4f8-4c8e-bcd0-
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SM_V9_1 iris    exon    24508756        24508860        .       -
        .       Parent=Smp_034940.1;Name=aa97a397-
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        .
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homolog subfamily B member
11;polypeptide_domain=InterPro:IPR001623,IPR002939,IPR008971
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SM_V9_1 Liftoff exon    24523648        24523762        .       +
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SM_V9_1 Liftoff exon    24523807        24523963        .       +
        .       Parent=Smp_141080.1
SM_V9_1 Liftoff exon    24525290        24525621        .       +
        .       Parent=Smp_141080.1
SM_V9_1 Liftoff exon    24528063        24528203        .       +
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SM_V9_1 Liftoff exon    24529172        24529283        .       +
        .       Parent=Smp_141080.1
SM_V9_1 Liftoff exon    24529927        24530851        .       +
        .       Parent=Smp_141080.1
SM_V9_1 Liftoff CDS     24523698        24523762        .       +
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SM_V9_1 Liftoff CDS     24523807        24523963        .       +
        1       Parent=Smp_141080.1
SM_V9_1 Liftoff CDS     24525290        24525621        .       +
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Pfam:PF03028,PF08393,PF12774,PF12775,PF12777,PF12780,PF12781;Ontolog
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SM_V9_1 iris    CDS     24655222        24655466        .       -
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SM_V9_1 iris    CDS     24665152        24665368        .       -
        2       Parent=Smp_141070.1
SM_V9_1 iris    CDS     24668007        24668182        .       -
        1       Parent=Smp_141070.1
SM_V9_1 iris    CDS     24675139        24675292        .       -
        2       Parent=Smp_141070.1
SM_V9_1 iris    CDS     24695239        24695384        .       -
        1       Parent=Smp_141070.1
SM_V9_1 iris    CDS     24707466        24707619        .       -
        2       Parent=Smp_141070.1
SM_V9_1 iris    CDS     24708703        24708836        .       -
        1       Parent=Smp_141070.1
SM_V9_1 iris    CDS     24713890        24714028        .       -
        2       Parent=Smp_141070.1
SM_V9_1 iris    CDS     24732515        24733100        .       -
        0       Parent=Smp_141070.1
SM_V9_1 iris    gene    24750059        24769716        .       +
        .
ID=Smp_034870;geneID=Smp_034870;gene_name=Smp_034870;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24750059        24769716        .       +
        .
ID=Smp_034870.1;Parent=Smp_034870;geneID=Smp_034870;gene_name=Smp_03
4870;owner=irisadmin@local.host;orig_id=Smp_034870.1;date_last_modif
ied=2022-08-02;Name=Smp_034870.1;product=AP-2 complex subunit
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beta;date_creation=2022-07-27
SM_V9_1 iris    exon    24750059        24750164        .       +
        .       Parent=Smp_034870.1;Name=592f7c3d-3860-4dae-
b27c-1b7bd1a930d6
SM_V9_1 iris    exon    24750199        24750269        .       +
        .       Parent=Smp_034870.1;Name=f2362a32-3c1d-4bc7-
a6f4-61a64e0e2dde
SM_V9_1 iris    exon    24750302        24750407        .       +
        .
Parent=Smp_034870.1;Name=b2ab3b8a-8868-461e-958e-2055b2fc0745
SM_V9_1 iris    exon    24750445        24750580        .       +
        .       Parent=Smp_034870.1;Name=9795e5e8-92fd-43b8-
bf63-89643c5ffa29
SM_V9_1 iris    exon    24750613        24750989        .       +
        .       Parent=Smp_034870.1;Name=7aa09d8b-390f-4e9e-
b898-292cf78b7c72
SM_V9_1 iris    exon    24752846        24753164        .       +
        .       Parent=Smp_034870.1;Name=23444ee5-bc41-48ae-a79c-
e10bbcb6b500
SM_V9_1 iris    exon    24754513        24754791        .       +
        .       Parent=Smp_034870.1;Name=3d4ae449-d554-42f9-935d-
f8794bdd6915
SM_V9_1 iris    exon    24757346        24757600        .       +
        .
Parent=Smp_034870.1;Name=083cf77f-0242-4a4b-9411-9a66aca317c1
SM_V9_1 iris    exon    24758289        24758660        .       +
        .
Parent=Smp_034870.1;Name=c7e36889-9eff-43b0-98ea-851dd8a84192
SM_V9_1 iris    exon    24759415        24759625        .       +
        .       Parent=Smp_034870.1;Name=445b5d6e-e0d3-4205-8470-
b72f40c8f517
SM_V9_1 iris    exon    24760711        24761084        .       +
        .       Parent=Smp_034870.1;Name=3481f921-0845-4731-
ae9f-694c14b37835
SM_V9_1 iris    exon    24764264        24764435        .       +
        .       Parent=Smp_034870.1;Name=0beda472-0299-47a2-
b99f-4715fc277625
SM_V9_1 iris    exon    24766465        24766619        .       +
        .
Parent=Smp_034870.1;Name=01841534-8bdb-4765-8860-5a7810ad33f9
SM_V9_1 iris    exon    24769050        24769716        .       +
        .       Parent=Smp_034870.1;Name=1b603f18-84c8-4c00-
acd6-1eb676f821ce
SM_V9_1 iris    CDS     24750118        24750164        .       +
        0       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24750199        24750269        .       +
        1       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24750302        24750407        .       +
        2       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24750445        24750580        .       +
        1       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24750613        24750989        .       +
        0       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24752846        24753164        .       +
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        1       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24754513        24754791        .       +
        0       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24757346        24757600        .       +
        0       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24758289        24758660        .       +
        0       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24759415        24759625        .       +
        0       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24760711        24761084        .       +
        2       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24764264        24764435        .       +
        0       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24766465        24766619        .       +
        2       Parent=Smp_034870.1
SM_V9_1 iris    CDS     24769050        24769124        .       +
        0       Parent=Smp_034870.1
SM_V9_1 Liftoff gene    24771602        24810535        .       -
        .       ID=Smp_034860;geneID=Smp_034860
SM_V9_1 Liftoff mRNA    24771602        24810535        .       -
        .
ID=Smp_034860.1;Parent=Smp_034860;geneID=Smp_034860;product=nuclear
receptor 2DBD-gamma;evidence=Traceable Author
Statement;literature=PMID:16406405
PMID:20600585;polypeptide_domain=InterPro:IPR000536,IPR001628,IPR013
088
Pfam:PF00104,PF00105;Ontology_term=GO:0003700,GO:0005634,GO:0006355,
GO:0008270,GO:0043401,GO:0043565
SM_V9_1 Liftoff exon    24771602        24772486        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24775419        24775499        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24776700        24777096        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24777893        24778849        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24783748        24786026        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24787808        24787955        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24789847        24789953        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24794033        24794180        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff exon    24804974        24810535        .       -
        .       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24772302        24772486        .       -
        2       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24775419        24775499        .       -
        2       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24776700        24777096        .       -
        0       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24777893        24778849        .       -
        0       Parent=Smp_034860.1
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SM_V9_1 Liftoff CDS     24783748        24786026        .       -
        2       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24787808        24787955        .       -
        0       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24789847        24789953        .       -
        2       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24794033        24794180        .       -
        0       Parent=Smp_034860.1
SM_V9_1 Liftoff CDS     24804974        24806200        .       -
        0       Parent=Smp_034860.1
SM_V9_1 iris    gene    24818914        24831538        .       +
        .
ID=Smp_034850;geneID=Smp_034850;gene_name=Smp_034850;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24818914        24831538        .       +
        .
ID=Smp_034850.1;Parent=Smp_034850;geneID=Smp_034850;gene_name=Smp_03
4850;owner=irisadmin@local.host;orig_id=Smp_034850.1;date_last_modif
ied=2022-08-02;Name=Smp_034850.1;product=TWiK family of potassium
channels protein 18;date_creation=2022-07-27
SM_V9_1 iris    exon    24818914        24819043        .       +
        .       Parent=Smp_034850.1;Name=69191aee-bdd7-491f-816a-
f2bf28b16d6b
SM_V9_1 iris    exon    24822226        24822350        .       +
        .       Parent=Smp_034850.1;Name=769507e3-9f00-4ce6-b8da-
ea49c18b40a2
SM_V9_1 iris    exon    24825995        24826205        .       +
        .       Parent=Smp_034850.1;Name=e465142e-
d8cf-45fe-860c-65c05d2eec7e
SM_V9_1 iris    exon    24829625        24829842        .       +
        .       Parent=Smp_034850.1;Name=8193a2e7-baa4-4e8f-
a33b-6bcec7216b78
SM_V9_1 iris    exon    24830724        24831538        .       +
        .       Parent=Smp_034850.1;Name=0c20c681-9b59-41e7-
bac0-8ac74bf3bade
SM_V9_1 iris    CDS     24819043        24819043        .       +
        0       Parent=Smp_034850.1
SM_V9_1 iris    CDS     24822226        24822350        .       +
        2       Parent=Smp_034850.1
SM_V9_1 iris    CDS     24825995        24826205        .       +
        0       Parent=Smp_034850.1
SM_V9_1 iris    CDS     24829625        24829842        .       +
        2       Parent=Smp_034850.1
SM_V9_1 iris    CDS     24830724        24831107        .       +
        0       Parent=Smp_034850.1
SM_V9_1 Liftoff gene    24848288        24849770        .       +
        .       ID=Smp_034840;geneID=Smp_034840
SM_V9_1 Liftoff mRNA    24848288        24849770        .       +
        .
ID=Smp_034840.1;Parent=Smp_034840;geneID=Smp_034840;product=14-3-3
protein
epsilon;polypeptide_domain=InterPro:IPR000308,IPR023409,IPR023410
Pfam:PF00244;Ontology_term=GO:0019904
SM_V9_1 Liftoff exon    24848288        24848420        .       +
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        .       Parent=Smp_034840.1
SM_V9_1 Liftoff exon    24848495        24848801        .       +
        .       Parent=Smp_034840.1
SM_V9_1 Liftoff exon    24848835        24849178        .       +
        .       Parent=Smp_034840.1
SM_V9_1 Liftoff exon    24849217        24849770        .       +
        .       Parent=Smp_034840.1
SM_V9_1 Liftoff CDS     24848357        24848420        .       +
        0       Parent=Smp_034840.1
SM_V9_1 Liftoff CDS     24848495        24848801        .       +
        2       Parent=Smp_034840.1
SM_V9_1 Liftoff CDS     24848835        24849178        .       +
        1       Parent=Smp_034840.1
SM_V9_1 Liftoff CDS     24849217        24849251        .       +
        2       Parent=Smp_034840.1
SM_V9_1 iris    gene    24858142        24885527        .       -
        .
ID=Smp_141040;geneID=Smp_141040;gene_name=Smp_141040;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24858142        24885527        .       -
        .
ID=Smp_141040.1;Parent=Smp_141040;geneID=Smp_141040;gene_name=Smp_14
1040;owner=irisadmin@local.host;orig_id=Smp_141040.2;date_last_modif
ied=2022-08-02;Name=Smp_141040.1;product=Striatin;date_creation=2022
-07-27
SM_V9_1 iris    exon    24858142        24858990        .       -
        .       Parent=Smp_141040.1;Name=8d32177d-1fc6-4244-
b622-5a5370f26416
SM_V9_1 iris    exon    24860559        24860771        .       -
        .       Parent=Smp_141040.1;Name=57eb024a-
e90b-491a-80aa-28b8d2afa965
SM_V9_1 iris    exon    24861955        24862228        .       -
        .       Parent=Smp_141040.1;Name=b752b3f2-420e-4ce7-
abe0-6ec2c5a82e11
SM_V9_1 iris    exon    24863405        24863659        .       -
        .       Parent=Smp_141040.1;Name=2f747909-69b2-4647-
acc6-642510804f44
SM_V9_1 iris    exon    24869817        24870538        .       -
        .       Parent=Smp_141040.1;Name=c6a0a9d0-ea0e-406f-9e95-
da57e646c512
SM_V9_1 iris    exon    24875619        24875738        .       -
        .       Parent=Smp_141040.1;Name=800c2934-0e58-4ffa-
bbd6-1201f742ef42
SM_V9_1 iris    exon    24881705        24881831        .       -
        .       Parent=Smp_141040.1;Name=1053abb5-3f24-415a-a890-
c964edacdba6
SM_V9_1 iris    exon    24883470        24883612        .       -
        .       Parent=Smp_141040.1;Name=c2605f47-251c-402a-b0ca-
ee792995bdd5
SM_V9_1 iris    exon    24884823        24884962        .       -
        .       Parent=Smp_141040.1;Name=34dbb655-cd9c-4c98-a9bc-
dfd9e9ffbeb9
SM_V9_1 iris    exon    24884994        24885241        .       -
        .       Parent=Smp_141040.1;Name=da1953f9-8feb-4f69-9e23-
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fb0c5a5a6b93
SM_V9_1 iris    exon    24885277        24885527        .       -
        .
Parent=Smp_141040.1;Name=14d3e1c2-73f7-4d8f-91ee-9829e136c24d
SM_V9_1 iris    CDS     24858821        24858990        .       -
        2       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24860559        24860771        .       -
        2       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24861955        24862228        .       -
        0       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24863405        24863659        .       -
        0       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24869817        24870538        .       -
        2       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24875619        24875738        .       -
        2       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24881705        24881831        .       -
        0       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24883470        24883612        .       -
        2       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24884823        24884962        .       -
        1       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24884994        24885241        .       -
        0       Parent=Smp_141040.1
SM_V9_1 iris    CDS     24885277        24885477        .       -
        0       Parent=Smp_141040.1
SM_V9_1 iris    gene    24898854        24940656        .       +
        .
ID=Smp_343400;geneID=Smp_343400;gene_name=Smp_343400;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    24898854        24940656        .       +
        .
ID=Smp_343400.1;Parent=Smp_343400;geneID=Smp_343400;gene_name=Smp_34
3400;owner=irisadmin@local.host;orig_id=Smp_343400.1;date_last_modif
ied=2022-08-02;Name=Smp_343400.1;product=Epidermal growth factor
receptor kinase substrate 8-like protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    24898854        24899043        .       +
        .       Parent=Smp_343400.1;Name=6b6592d9-42de-4ac6-8721-
d5a113726735
SM_V9_1 iris    exon    24907230        24907342        .       +
        .       Parent=Smp_343400.1;Name=9a25033e-2d03-4289-
aae8-05c66eeb9745
SM_V9_1 iris    exon    24920314        24920434        .       +
        .       Parent=Smp_343400.1;Name=6064c682-
e2e5-4857-9908-8285f9fb139a
SM_V9_1 iris    exon    24922617        24922950        .       +
        .
Parent=Smp_343400.1;Name=3e3df9c4-195b-4f1b-99f2-0d66c892aab6
SM_V9_1 iris    exon    24924861        24924966        .       +
        .       Parent=Smp_343400.1;Name=5a836327-2f2c-402b-a509-
abf226b1333c
SM_V9_1 iris    exon    24931180        24931246        .       +
        .       Parent=Smp_343400.1;Name=d795b89b-111a-4fca-
a6ac-5053c49d81d1
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SM_V9_1 iris    exon    24935550        24935634        .       +
        .       Parent=Smp_343400.1;Name=9aeec703-92cb-4416-
ab7a-12197de9544e
SM_V9_1 iris    exon    24938132        24938219        .       +
        .       Parent=Smp_343400.1;Name=011706b9-3912-4a78-adde-
d37077e8a27f
SM_V9_1 iris    exon    24939321        24940656        .       +
        .       Parent=Smp_343400.1;Name=84b85b18-61b4-4a53-9cdc-
b83e365e95e8
SM_V9_1 iris    CDS     24907304        24907342        .       +
        0       Parent=Smp_343400.1
SM_V9_1 iris    CDS     24920314        24920434        .       +
        0       Parent=Smp_343400.1
SM_V9_1 iris    CDS     24922617        24922950        .       +
        2       Parent=Smp_343400.1
SM_V9_1 iris    CDS     24924861        24924966        .       +
        1       Parent=Smp_343400.1
SM_V9_1 iris    CDS     24931180        24931246        .       +
        0       Parent=Smp_343400.1
SM_V9_1 iris    CDS     24935550        24935634        .       +
        2       Parent=Smp_343400.1
SM_V9_1 iris    CDS     24938132        24938219        .       +
        1       Parent=Smp_343400.1
SM_V9_1 iris    CDS     24939321        24939359        .       +
        0       Parent=Smp_343400.1
SM_V9_1 Liftoff gene    24953559        24969682        .       +
        .       ID=Smp_020450;geneID=Smp_020450
SM_V9_1 Liftoff mRNA    24953559        24969682        .       +
        .
ID=Smp_020450.1;Parent=Smp_020450;geneID=Smp_020450;product=UBX
domain-containing protein
6;polypeptide_domain=InterPro:IPR001012,IPR018997,IPR029071
Pfam:PF09409;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    24953559        24953902        .       +
        .       Parent=Smp_020450.1
SM_V9_1 Liftoff exon    24956930        24957037        .       +
        .       Parent=Smp_020450.1
SM_V9_1 Liftoff exon    24962713        24963068        .       +
        .       Parent=Smp_020450.1
SM_V9_1 Liftoff exon    24966240        24966485        .       +
        .       Parent=Smp_020450.1
SM_V9_1 Liftoff exon    24967368        24967595        .       +
        .       Parent=Smp_020450.1
SM_V9_1 Liftoff exon    24968950        24969682        .       +
        .       Parent=Smp_020450.1
SM_V9_1 Liftoff CDS     24953674        24953902        .       +
        0       Parent=Smp_020450.1
SM_V9_1 Liftoff CDS     24956930        24957037        .       +
        2       Parent=Smp_020450.1
SM_V9_1 Liftoff CDS     24962713        24963068        .       +
        2       Parent=Smp_020450.1
SM_V9_1 Liftoff CDS     24966240        24966485        .       +
        0       Parent=Smp_020450.1
SM_V9_1 Liftoff CDS     24967368        24967595        .       +
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        0       Parent=Smp_020450.1
SM_V9_1 Liftoff CDS     24968950        24969243        .       +
        0       Parent=Smp_020450.1
SM_V9_1 Liftoff mRNA    24953559        24969682        .       +
        .
ID=Smp_020450.2;Parent=Smp_020450;geneID=Smp_020450;product=UBX
domain-containing protein
6;polypeptide_domain=InterPro:IPR001012,IPR018997,IPR029071
Pfam:PF09409;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    24953559        24953902        .       +
        .       Parent=Smp_020450.2
SM_V9_1 Liftoff exon    24962713        24963068        .       +
        .       Parent=Smp_020450.2
SM_V9_1 Liftoff exon    24966240        24966485        .       +
        .       Parent=Smp_020450.2
SM_V9_1 Liftoff exon    24967368        24967595        .       +
        .       Parent=Smp_020450.2
SM_V9_1 Liftoff exon    24968950        24969682        .       +
        .       Parent=Smp_020450.2
SM_V9_1 Liftoff CDS     24953674        24953902        .       +
        0       Parent=Smp_020450.2
SM_V9_1 Liftoff CDS     24962713        24963068        .       +
        2       Parent=Smp_020450.2
SM_V9_1 Liftoff CDS     24966240        24966485        .       +
        0       Parent=Smp_020450.2
SM_V9_1 Liftoff CDS     24967368        24967595        .       +
        0       Parent=Smp_020450.2
SM_V9_1 Liftoff CDS     24968950        24969243        .       +
        0       Parent=Smp_020450.2
SM_V9_1 Liftoff gene    24972899        24992735        .       -
        .       ID=Smp_133280;geneID=Smp_133280
SM_V9_1 Liftoff mRNA    24972899        24992735        .       -
        .
ID=Smp_133280.1;Parent=Smp_133280;geneID=Smp_133280;product=Arginine
--tRNA ligase,
cytoplasmic;polypeptide_domain=InterPro:IPR001278,IPR001412,IPR00890
9,IPR009080,IPR014729,IPR035684
Pfam:PF00750,PF05746;Ontology_term=GO:0000166,GO:0004812,GO:0004814,
GO:0005524,GO:0006418,GO:0006420
SM_V9_1 Liftoff exon    24972899        24973227        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24974500        24974747        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24976243        24976301        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24978197        24978310        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24979195        24979300        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24979843        24979952        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24981683        24981969        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24982915        24983225        .       -
```

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        .       Parent=Smp_133280.1
SM_V9_1 Liftoff exon    24991975        24992735        .       -
        .       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24973121        24973227        .       -
        2       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24974500        24974747        .       -
        1       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24976243        24976301        .       -
        0       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24978197        24978310        .       -
        0       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24979195        24979300        .       -
        1       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24979843        24979952        .       -
        0       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24981683        24981969        .       -
        2       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24982915        24983225        .       -
        1       Parent=Smp_133280.1
SM_V9_1 Liftoff CDS     24991975        24992021        .       -
        0       Parent=Smp_133280.1
SM_V9_1 iris    gene    25003959        25022133        .       +
        .
ID=Smp_133270;geneID=Smp_133270;gene_name=Smp_133270;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25003959        25022133        .       +
        .
ID=Smp_133270.1;Parent=Smp_133270;geneID=Smp_133270;gene_name=Smp_13
3270;owner=irisadmin@local.host;orig_id=Smp_133270.1;date_last_modif
ied=2022-08-02;Name=Smp_133270.1;product=Protein sel-1 homolog
1;date_creation=2022-07-27
SM_V9_1 iris    exon    25003959        25004242        .       +
        .       Parent=Smp_133270.1;Name=6c37809e-b2a2-4ac7-bd40-
e178dc1b76b8
SM_V9_1 iris    exon    25005254        25005370        .       +
        .       Parent=Smp_133270.1;Name=51315b13-2107-4ba2-a6e2-
adc87e31d556
SM_V9_1 iris    exon    25005406        25005495        .       +
        .       Parent=Smp_133270.1;Name=11db9143-
fdd2-4dc5-83e8-81d4d16ff026
SM_V9_1 iris    exon    25005530        25005610        .       +
        .       Parent=Smp_133270.1;Name=4f5cf5a8-9824-480a-
bf15-7010ad53776a
SM_V9_1 iris    exon    25005643        25005778        .       +
        .
Parent=Smp_133270.1;Name=1a950ca0-4a40-45b8-9d04-441a5d71a732
SM_V9_1 iris    exon    25005929        25006205        .       +
        .       Parent=Smp_133270.1;Name=a86b9ce7-1cbf-4470-b615-
b86f0b73da2b
SM_V9_1 iris    exon    25006722        25007117        .       +
        .       Parent=Smp_133270.1;Name=840657e6-52af-440d-
b2d2-664e2445bb84
SM_V9_1 iris    exon    25009280        25009511        .       +
        .       Parent=Smp_133270.1;Name=fa1c85a3-c3eb-450b-aba9-
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dcdfeb9e0b0a
SM_V9_1 iris    exon    25010975        25011123        .       +
        .       Parent=Smp_133270.1;Name=9e8f19d6-e34c-483a-835c-
eda12cb7cce2
SM_V9_1 iris    exon    25014232        25014397        .       +
        .       Parent=Smp_133270.1;Name=2385844e-c64f-48d8-bd9b-
cc20eb169f27
SM_V9_1 iris    exon    25014967        25015041        .       +
        .       Parent=Smp_133270.1;Name=e79a619d-30a6-4c21-
ae53-3c23baa9a794
SM_V9_1 iris    exon    25018354        25018526        .       +
        .       Parent=Smp_133270.1;Name=a4fef559-
ea60-47ba-8917-4c516a037228
SM_V9_1 iris    exon    25019659        25019790        .       +
        .       Parent=Smp_133270.1;Name=2c993a80-d574-4b1b-94f9-
bae6d590d573
SM_V9_1 iris    exon    25021279        25022133        .       +
        .       Parent=Smp_133270.1;Name=45559906-e2db-4633-
bc34-22ebb20e9ab7
SM_V9_1 iris    CDS     25004116        25004242        .       +
        0       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25005254        25005370        .       +
        2       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25005406        25005495        .       +
        2       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25005530        25005610        .       +
        2       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25005643        25005778        .       +
        2       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25005929        25006205        .       +
        1       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25006722        25007117        .       +
        0       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25009280        25009511        .       +
        0       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25010975        25011123        .       +
        2       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25014232        25014397        .       +
        0       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25014967        25015041        .       +
        2       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25018354        25018526        .       +
        2       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25019659        25019790        .       +
        0       Parent=Smp_133270.1
SM_V9_1 iris    CDS     25021279        25021488        .       +
        0       Parent=Smp_133270.1
SM_V9_1 Liftoff gene    25027645        25028525        .       -
        .       ID=Smp_133260;geneID=Smp_133260
SM_V9_1 Liftoff mRNA    25027645        25028525        .       -
        .
ID=Smp_133260.1;Parent=Smp_133260;geneID=Smp_133260;product=ATP-
dependent DNA helicase mph1
SM_V9_1 Liftoff exon    25027645        25028525        .       -
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        .       Parent=Smp_133260.1
SM_V9_1 Liftoff CDS     25027807        25028214        .       -
        0       Parent=Smp_133260.1
SM_V9_1 Liftoff gene    25055463        25144468        .       +
        .       ID=Smp_133250;geneID=Smp_133250
SM_V9_1 Liftoff mRNA    25055463        25144468        .       +
        .
ID=Smp_133250.1;Parent=Smp_133250;geneID=Smp_133250;product=Discoidi
n domain-containing receptor
2;polypeptide_domain=InterPro:IPR000421,IPR008979 Pfam:PF00754
SM_V9_1 Liftoff exon    25055463        25055699        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25072048        25072165        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25089988        25090138        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25101605        25101691        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25106167        25106317        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25110503        25110841        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25117534        25117803        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25132069        25132251        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25133981        25134691        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25138804        25139316        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff exon    25141703        25144468        .       +
        .       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25055576        25055699        .       +
        0       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25072048        25072165        .       +
        2       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25089988        25090138        .       +
        1       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25101605        25101691        .       +
        0       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25106167        25106317        .       +
        0       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25110503        25110841        .       +
        2       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25117534        25117803        .       +
        2       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25132069        25132251        .       +
        2       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25133981        25134691        .       +
        2       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25138804        25139316        .       +
        2       Parent=Smp_133250.1
SM_V9_1 Liftoff CDS     25141703        25142490        .       +
        2       Parent=Smp_133250.1
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SM_V9_1 iris    gene    25309879        25317968        .       +
       .
ID=Smp_020400;geneID=Smp_020400;gene_name=Smp_020400;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25309879        25317968        .       +
       .
ID=Smp_020400.1;Parent=Smp_020400;geneID=Smp_020400;gene_name=Smp_02
0400;owner=irisadmin@local.host;orig_id=Smp_020400.2;date_last_modif
ied=2022-08-02;Name=Smp_020400.1;product=Putative zinc
metalloproteinase C607.06c;date_creation=2022-07-27
SM_V9_1 iris    exon    25309879        25310023        .       +
       .       Parent=Smp_020400.1;Name=c313e15e-17bd-438d-
b6f8-2d44ac9a341b
SM_V9_1 iris    exon    25311641        25312547        .       +
       .
Parent=Smp_020400.1;Name=171e82d8-5eb1-4581-83ae-6ee06fbffa4a
SM_V9_1 iris    exon    25314468        25314597        .       +
       .
Parent=Smp_020400.1;Name=a622d418-2be4-43ad-8e92-75be74c26a8b
SM_V9_1 iris    exon    25315539        25315788        .       +
       .
Parent=Smp_020400.1;Name=e386097c-2933-4259-9806-254fd5c7c83c
SM_V9_1 iris    exon    25317326        25317528        .       +
       .       Parent=Smp_020400.1;Name=934dc04d-8d71-4fd1-b12b-
eef1ae6edef2
SM_V9_1 iris    exon    25317767        25317968        .       +
       .       Parent=Smp_020400.1;Name=ddedc3dd-0009-4d05-
b433-1d0b04116982
SM_V9_1 iris    CDS     25311800        25312547        .       +
       0       Parent=Smp_020400.1
SM_V9_1 iris    CDS     25314468        25314597        .       +
       2       Parent=Smp_020400.1
SM_V9_1 iris    CDS     25315539        25315788        .       +
       1       Parent=Smp_020400.1
SM_V9_1 iris    CDS     25317326        25317528        .       +
       0       Parent=Smp_020400.1
SM_V9_1 iris    CDS     25317767        25317824        .       +
       1       Parent=Smp_020400.1
SM_V9_1 iris    gene    25318684        25336418        .       -
       .
ID=Smp_333760;geneID=Smp_333760;gene_name=Smp_333760;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25318684        25336418        .       -
       .
ID=Smp_333760.1;Parent=Smp_333760;geneID=Smp_333760;gene_name=Smp_33
3760;owner=irisadmin@local.host;orig_id=Smp_333760.2;date_last_modif
ied=2022-08-02;Name=Smp_333760.1;product=Protein-cysteine N-
palmitoyltransferase HHAT;date_creation=2022-07-27
SM_V9_1 iris    exon    25318684        25318932        .       -
       .
Parent=Smp_333760.1;Name=3198333e-885c-4a8b-90dc-221dc7e7c77d
SM_V9_1 iris    exon    25320272        25320419        .       -
       .       Parent=Smp_333760.1;Name=5dd29aef-802a-45b4-
b065-70d56753bcbf
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SM_V9_1 iris    exon    25321674        25321762        .       -
        .       Parent=Smp_333760.1;Name=2be65a2b-3541-4729-ad37-
cdfcddca8155
SM_V9_1 iris    exon    25324553        25324704        .       -
        .       Parent=Smp_333760.1;Name=dd89146d-ae51-46d7-
af71-31125a70a550
SM_V9_1 iris    exon    25326565        25326600        .       -
        .       Parent=Smp_333760.1;Name=17528c3e-b54a-421d-
ba22-446fc88b4bad
SM_V9_1 iris    exon    25330047        25330567        .       -
        .       Parent=Smp_333760.1;Name=b47c413c-fa36-4aa4-
aa81-8f2dc32b518d
SM_V9_1 iris    exon    25332748        25333014        .       -
        .
Parent=Smp_333760.1;Name=95a8a69e-407c-4531-97cc-806dfdc39280
SM_V9_1 iris    exon    25334145        25334327        .       -
        .
Parent=Smp_333760.1;Name=95c5febf-80b0-4479-9f6d-57d4101272c0
SM_V9_1 iris    exon    25334362        25334534        .       -
        .
Parent=Smp_333760.1;Name=7298e794-52f5-4e6a-86a4-0d1838061921
SM_V9_1 iris    exon    25334572        25334714        .       -
        .       Parent=Smp_333760.1;Name=f51d5ae1-c76b-46c8-
a383-6efaa6e68d94
SM_V9_1 iris    exon    25336362        25336418        .       -
        .       Parent=Smp_333760.1;Name=9c074a61-bfb5-4c3d-b963-
d27288bc20bb
SM_V9_1 iris    CDS     25318811        25318932        .       -
        2       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25320272        25320419        .       -
        0       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25321674        25321762        .       -
        2       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25324553        25324704        .       -
        1       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25326565        25326600        .       -
        1       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25330047        25330567        .       -
        0       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25332748        25333014        .       -
        0       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25334145        25334327        .       -
        0       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25334362        25334534        .       -
        2       Parent=Smp_333760.1
SM_V9_1 iris    CDS     25334572        25334683        .       -
        0       Parent=Smp_333760.1
SM_V9_1 iris    gene    25338909        25352884        .       +
        .
ID=Smp_020370;geneID=Smp_020370;gene_name=Smp_020370;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25338909        25352884        .       +
        .
ID=Smp_020370.1;Parent=Smp_020370;geneID=Smp_020370;gene_name=Smp_02
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0370;owner=irisadmin@local.host;orig_id=Smp_020370.1;date_last_modif
ied=2022-08-02;Name=Smp_020370.1;product=Reticulon-4;date_creation=2
022-07-27
SM_V9_1 iris    exon    25338909        25339027        .       +
        .       Parent=Smp_020370.1;Name=4fc3793f-bd62-4dfe-
a7b9-22e45557c2e1
SM_V9_1 iris    exon    25341062        25341103        .       +
        .       Parent=Smp_020370.1;Name=c7c77eca-7650-4f3e-a352-
e0ce110ca255
SM_V9_1 iris    exon    25342063        25342258        .       +
        .
Parent=Smp_020370.1;Name=db1c9601-9db4-4166-9638-5c6e3898ab39
SM_V9_1 iris    exon    25343683        25343821        .       +
        .       Parent=Smp_020370.1;Name=e3df3e72-d1d9-4b78-
b72e-85c5fbed5db6
SM_V9_1 iris    exon    25344607        25344676        .       +
        .       Parent=Smp_020370.1;Name=0a59aa2e-
eaf7-4012-9826-072aee4f2b1b
SM_V9_1 iris    exon    25345188        25345234        .       +
        .       Parent=Smp_020370.1;Name=20358cfb-b3f7-48b8-b0b4-
bb6f61982066
SM_V9_1 iris    exon    25350810        25350868        .       +
        .
Parent=Smp_020370.1;Name=08849004-09a1-4f3d-8c34-9a68ad8d6154
SM_V9_1 iris    exon    25351765        25352884        .       +
        .       Parent=Smp_020370.1;Name=c8af2654-7fd1-4d63-9865-
ac667353dc04
SM_V9_1 iris    CDS     25339003        25339027        .       +
        0       Parent=Smp_020370.1
SM_V9_1 iris    CDS     25341062        25341103        .       +
        2       Parent=Smp_020370.1
SM_V9_1 iris    CDS     25342063        25342258        .       +
        2       Parent=Smp_020370.1
SM_V9_1 iris    CDS     25343683        25343821        .       +
        1       Parent=Smp_020370.1
SM_V9_1 iris    CDS     25344607        25344676        .       +
        0       Parent=Smp_020370.1
SM_V9_1 iris    CDS     25345188        25345234        .       +
        2       Parent=Smp_020370.1
SM_V9_1 iris    CDS     25350810        25350868        .       +
        0       Parent=Smp_020370.1
SM_V9_1 iris    CDS     25351765        25351828        .       +
        1       Parent=Smp_020370.1
SM_V9_1 iris    gene    25399270        25407916        .       -
        .
ID=Smp_020340;geneID=Smp_020340;gene_name=Smp_020340;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25399270        25407916        .       -
        .
ID=Smp_020340.1;Parent=Smp_020340;geneID=Smp_020340;gene_name=Smp_02
0340;owner=irisadmin@local.host;orig_id=Smp_020340.1;date_last_modif
ied=2022-08-02;Name=Smp_020340.1;product=Lysosomal alpha-
glucosidase;date_creation=2022-07-27
SM_V9_1 iris    exon    25399270        25401969        .       -
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        .       Parent=Smp_020340.1;Name=f757f466-1f2f-4c87-8ede-
e63f5d37b532
SM_V9_1 iris    exon    25407354        25407916        .       -
        .
Parent=Smp_020340.1;Name=d7439b6f-94ac-47fa-91a8-7e1492d49392
SM_V9_1 iris    CDS     25399756        25401969        .       -
        0       Parent=Smp_020340.1
SM_V9_1 iris    CDS     25407354        25407839        .       -
        0       Parent=Smp_020340.1
SM_V9_1 Liftoff gene    25423355        25441149        .       -
        .       ID=Smp_133210;geneID=Smp_133210
SM_V9_1 Liftoff mRNA    25423355        25441149        .       -
        .
ID=Smp_133210.1;Parent=Smp_133210;geneID=Smp_133210;product=Lysosoma
l alpha-
glucosidase;polypeptide_domain=InterPro:IPR000322,IPR000519,IPR01101
3,IPR017853,IPR017957,IPR030458,IPR030459,IPR031727
Pfam:PF00088,PF01055,PF16863;Ontology_term=GO:0003824,GO:0004553,GO:
0005975,GO:0030246
SM_V9_1 Liftoff exon    25423355        25425824        .       -
        .       Parent=Smp_133210.1
SM_V9_1 Liftoff exon    25440599        25441149        .       -
        .       Parent=Smp_133210.1
SM_V9_1 Liftoff CDS     25423608        25425824        .       -
        0       Parent=Smp_133210.1
SM_V9_1 Liftoff CDS     25440599        25441108        .       -
        0       Parent=Smp_133210.1
SM_V9_1 iris    gene    25470027        25501489        .       -
        .
ID=Smp_020300;geneID=Smp_020300;gene_name=Smp_020300;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25470027        25501489        .       -
        .
ID=Smp_020300.1;Parent=Smp_020300;geneID=Smp_020300;gene_name=Smp_02
0300;owner=irisadmin@local.host;orig_id=Smp_020300.1;date_last_modif
ied=2022-08-02;Name=Smp_020300.1;product=Segment polarity protein
dishevelled homolog DVL-3;date_creation=2022-07-27
SM_V9_1 iris    exon    25470027        25471868        .       -
        .       Parent=Smp_020300.1;Name=86b79f29-b24a-4cbe-93af-
a7b462dca4db
SM_V9_1 iris    exon    25475277        25475666        .       -
        .       Parent=Smp_020300.1;Name=e2ed42a8-b60b-46fd-
a8c0-54fa3cd816af
SM_V9_1 iris    exon    25479552        25479934        .       -
        .       Parent=Smp_020300.1;Name=16f94518-2e61-43ec-af28-
e56c70a89538
SM_V9_1 iris    exon    25480365        25480779        .       -
        .       Parent=Smp_020300.1;Name=f945ef8c-7a0c-4a73-
a706-803f331c8f33
SM_V9_1 iris    exon    25480873        25481040        .       -
        .       Parent=Smp_020300.1;Name=f6a92019-141d-4bbc-
b702-37274e78661b
SM_V9_1 iris    exon    25485325        25485759        .       -
        .       Parent=Smp_020300.1;Name=f3722e19-6754-4fd5-9414-
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efa15e316586
SM_V9_1 iris    exon    25486898        25487109        .       -
        .       Parent=Smp_020300.1;Name=b18496b4-
bc5f-4589-9361-8b64fc806965
SM_V9_1 iris    exon    25490764        25491050        .       -
        .       Parent=Smp_020300.1;Name=cd69cd83-4e77-41d5-
af5c-1a985d8fe1e3
SM_V9_1 iris    exon    25495128        25495233        .       -
        .       Parent=Smp_020300.1;Name=e2d6fb66-b289-466b-a2e1-
acae851455cf
SM_V9_1 iris    exon    25497637        25497751        .       -
        .       Parent=Smp_020300.1;Name=4ed5bb99-8a93-4e94-90a2-
ce559857a86b
SM_V9_1 iris    exon    25498454        25498495        .       -
        .
Parent=Smp_020300.1;Name=3412305b-4e70-464b-9d59-6e7b3bce6cfe
SM_V9_1 iris    exon    25499134        25499273        .       -
        .       Parent=Smp_020300.1;Name=15d0f499-
b9d2-48fd-9825-3e0b69ae9f6e
SM_V9_1 iris    exon    25500976        25501067        .       -
        .       Parent=Smp_020300.1;Name=c909ce96-8a6f-4046-911c-
e9a31826a1eb
SM_V9_1 iris    exon    25501101        25501170        .       -
        .       Parent=Smp_020300.1;Name=544eab59-5d80-4eaa-8684-
c06a2969d419
SM_V9_1 iris    exon    25501213        25501489        .       -
        .
Parent=Smp_020300.1;Name=bbfdf5c8-9b10-4feb-8c98-609c008fd80f
SM_V9_1 iris    CDS     25475350        25475666        .       -
        2       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25479552        25479934        .       -
        1       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25480365        25480779        .       -
        2       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25480873        25481040        .       -
        2       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25485325        25485759        .       -
        2       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25486898        25487109        .       -
        1       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25490764        25491050        .       -
        0       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25495128        25495233        .       -
        1       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25497637        25497751        .       -
        2       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25498454        25498495        .       -
        2       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25499134        25499273        .       -
        1       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25500976        25501067        .       -
        0       Parent=Smp_020300.1
SM_V9_1 iris    CDS     25501101        25501170        .       -
        1       Parent=Smp_020300.1
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SM_V9_1 iris    CDS     25501213        25501373        .       -
        0       Parent=Smp_020300.1
SM_V9_1 iris    gene    25523595        25526970        .       +
        .
ID=Smp_210400;geneID=Smp_210400;gene_name=Smp_210400;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_1 iris    mRNA    25523595        25526970        .       +
        .
ID=Smp_210400.1;Parent=Smp_210400;geneID=Smp_210400;gene_name=Smp_21
0400;owner=irisadmin@local.host;orig_id=Smp_210400.1;date_last_modif
ied=2022-08-15;Name=Smp_210400.1;product=ATP-dependent Clp protease
proteolytic subunit;date_creation=2022-08-15
SM_V9_1 iris    exon    25523595        25523935        .       +
        .       Parent=Smp_210400.1;Name=87181b26-5ddd-48ac-
bb3c-74d41015c524
SM_V9_1 iris    exon    25523969        25524157        .       +
        .       Parent=Smp_210400.1;Name=507f5188-ef9f-45d3-82ac-
b7994247d77c
SM_V9_1 iris    exon    25524190        25524287        .       +
        .       Parent=Smp_210400.1;Name=d26a625d-fdf7-4ef0-
a974-88e97650c03a
SM_V9_1 iris    exon    25526682        25526970        .       +
        .       Parent=Smp_210400.1;Name=87bda2d8-7a24-43aa-a4f5-
f0afc1caad86
SM_V9_1 iris    CDS     25523749        25523935        .       +
        0       Parent=Smp_210400.1
SM_V9_1 iris    CDS     25523969        25524157        .       +
        2       Parent=Smp_210400.1
SM_V9_1 iris    CDS     25524190        25524287        .       +
        2       Parent=Smp_210400.1
SM_V9_1 iris    CDS     25526682        25526819        .       +
        0       Parent=Smp_210400.1
SM_V9_1 iris    gene    25530120        25540370        .       +
        .
ID=Smp_310240;geneID=Smp_310240;gene_name=Smp_310240;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25530120        25540370        .       +
        .
ID=Smp_310240.1;Parent=Smp_310240;geneID=Smp_310240;gene_name=Smp_31
0240;owner=irisadmin@local.host;orig_id=Smp_310240.1;date_last_modif
ied=2022-08-02;Name=Smp_310240.1;product=Alpha-
parvin;date_creation=2022-07-27
SM_V9_1 iris    exon    25530120        25530439        .       +
        .       Parent=Smp_310240.1;Name=e852502f-a0c0-4036-a868-
c4cc9ad807fb
SM_V9_1 iris    exon    25533991        25534197        .       +
        .       Parent=Smp_310240.1;Name=9c9a9b76-104f-455c-ad15-
e564b514f548
SM_V9_1 iris    exon    25536651        25536906        .       +
        .       Parent=Smp_310240.1;Name=b2cc79dc-ccbf-40dc-8675-
f3711c47e524
SM_V9_1 iris    exon    25537218        25537366        .       +
        .       Parent=Smp_310240.1;Name=212d2e57-4a08-4185-
bde5-12cc27f94d1b
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SM_V9_1 iris    exon    25539546        25540370        .       +
        .       Parent=Smp_310240.1;Name=c15616a6-5ffc-456d-
a964-4d420f2bb327
SM_V9_1 iris    CDS     25530341        25530439        .       +
        0       Parent=Smp_310240.1
SM_V9_1 iris    CDS     25533991        25534197        .       +
        0       Parent=Smp_310240.1
SM_V9_1 iris    CDS     25536651        25536906        .       +
        0       Parent=Smp_310240.1
SM_V9_1 iris    CDS     25537218        25537366        .       +
        2       Parent=Smp_310240.1
SM_V9_1 iris    CDS     25539546        25539797        .       +
        0       Parent=Smp_310240.1
SM_V9_1 Liftoff gene    25544693        25617975        .       +
        .       ID=Smp_020270;geneID=Smp_020270
SM_V9_1 Liftoff mRNA    25544693        25617975        .       +
        .
ID=Smp_020270.1;Parent=Smp_020270;geneID=Smp_020270;product=high
voltage-activated calcium channel Cav1;evidence=Traceable Author
Statement;literature=PMID:11719960;polypeptide_domain=InterPro:IPR00
2077,IPR005446,IPR005821,IPR014873,IPR031649
Pfam:PF00520,PF08763,PF16905;Ontology_term=GO:0005216,GO:0005245,GO:
0005891,GO:0006811,GO:0016020,GO:0055085,GO:0070588
SM_V9_1 Liftoff exon    25544693        25550046        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25554991        25555096        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25556286        25556425        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25557501        25557598        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25558633        25558794        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25560867        25561093        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25561436        25561539        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25567647        25567762        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25569355        25569408        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25572493        25572577        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25574380        25574537        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25575417        25575642        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25577381        25577588        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25578707        25578824        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25579601        25579778        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25581317        25581345        .       +
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        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25581520        25581685        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25582979        25583108        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25583851        25583910        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25585065        25585171        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25585643        25585730        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25586249        25586409        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25587011        25587157        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25588232        25588433        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25589533        25589691        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25590808        25590918        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25592175        25592252        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25593319        25593447        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25596201        25596379        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25597098        25597147        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25597706        25597809        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25598347        25598474        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25599351        25599447        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25601279        25601384        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25602964        25603083        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25603440        25603558        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25604202        25604300        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25605212        25605462        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25610374        25610524        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25613110        25613217        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff exon    25616670        25617975        .       +
        .       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25549817        25550046        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25554991        25555096        .       +
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        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25556286        25556425        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25557501        25557598        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25558633        25558794        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25560867        25561093        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25561436        25561539        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25567647        25567762        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25569355        25569408        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25572493        25572577        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25574380        25574537        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25575417        25575642        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25577381        25577588        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25578707        25578824        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25579601        25579778        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25581317        25581345        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25581520        25581685        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25582979        25583108        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25583851        25583910        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25585065        25585171        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25585643        25585730        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25586249        25586409        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25587011        25587157        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25588232        25588433        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25589533        25589691        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25590808        25590918        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25592175        25592252        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25593319        25593447        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25596201        25596379        .       +
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        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25597098        25597147        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25597706        25597809        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25598347        25598474        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25599351        25599447        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25601279        25601384        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25602964        25603083        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25603440        25603558        .       +
        2       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25604202        25604300        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25605212        25605462        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25610374        25610524        .       +
        1       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25613110        25613217        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff CDS     25616670        25616681        .       +
        0       Parent=Smp_020270.1
SM_V9_1 Liftoff mRNA    25544693        25617975        .       +
        .
ID=Smp_020270.2;Parent=Smp_020270;geneID=Smp_020270;product=Muscle
calcium channel subunit
alpha-1;polypeptide_domain=InterPro:IPR002077,IPR005446,IPR005821,IP
R014873,IPR031649
Pfam:PF00520,PF08763,PF16905;Ontology_term=GO:0005216,GO:0005245,GO:
0005891,GO:0006811,GO:0016020,GO:0055085,GO:0070588
SM_V9_1 Liftoff exon    25544693        25550046        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25554991        25555096        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25556286        25556425        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25557501        25557598        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25558633        25558794        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25560867        25561093        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25561436        25561539        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25567647        25567762        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25569355        25569408        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25572493        25572577        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25574380        25574537        .       +
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        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25575417        25575642        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25577381        25577588        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25578707        25578824        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25579601        25579778        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25581317        25581345        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25581520        25581685        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25582979        25583108        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25583851        25583910        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25585065        25585171        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25585643        25585730        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25586249        25586409        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25587011        25587157        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25588232        25588433        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25589533        25589691        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25590808        25590918        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25592175        25592252        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25593319        25593447        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25596201        25596379        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25597098        25597147        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25597706        25597809        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25598347        25598474        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25599351        25599447        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25601279        25601384        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25602964        25603083        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25603440        25603558        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25604202        25604300        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25605212        25605462        .       +
```

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        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25607953        25608426        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25610374        25610524        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25613110        25613217        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff exon    25616670        25617975        .       +
        .       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25549817        25550046        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25554991        25555096        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25556286        25556425        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25557501        25557598        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25558633        25558794        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25560867        25561093        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25561436        25561539        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25567647        25567762        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25569355        25569408        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25572493        25572577        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25574380        25574537        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25575417        25575642        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25577381        25577588        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25578707        25578824        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25579601        25579778        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25581317        25581345        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25581520        25581685        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25582979        25583108        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25583851        25583910        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25585065        25585171        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25585643        25585730        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25586249        25586409        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25587011        25587157        .       +
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        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25588232        25588433        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25589533        25589691        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25590808        25590918        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25592175        25592252        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25593319        25593447        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25596201        25596379        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25597098        25597147        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25597706        25597809        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25598347        25598474        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25599351        25599447        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25601279        25601384        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25602964        25603083        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25603440        25603558        .       +
        2       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25604202        25604300        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25605212        25605462        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25607953        25608426        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25610374        25610524        .       +
        1       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25613110        25613217        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff CDS     25616670        25616681        .       +
        0       Parent=Smp_020270.2
SM_V9_1 Liftoff gene    25627003        25628147        .       +
        .       ID=Smp_246020;geneID=Smp_246020
SM_V9_1 Liftoff mRNA    25627003        25628147        .       +
        .
ID=Smp_246020.1;Parent=Smp_246020;geneID=Smp_246020;product=Serpenti
ne receptor class delta-7
SM_V9_1 Liftoff exon    25627003        25627333        .       +
        .       Parent=Smp_246020.1
SM_V9_1 Liftoff exon    25627372        25628147        .       +
        .       Parent=Smp_246020.1
SM_V9_1 Liftoff CDS     25627062        25627333        .       +
        0       Parent=Smp_246020.1
SM_V9_1 Liftoff CDS     25627372        25628086        .       +
        1       Parent=Smp_246020.1
SM_V9_1 Liftoff gene    25632213        25646907        .       +
```

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        .
ID=Smp_347480;geneID=Smp_347480;previous_systematic_id=Smp_133180,Sm
p_241900
SM_V9_1 Liftoff mRNA    25632213        25646907        .       +
        .
ID=Smp_347480.1;Parent=Smp_347480;geneID=Smp_347480;product=Zinc
finger and BTB domain-containing protein
17;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    25632213        25632497        .       +
        .       Parent=Smp_347480.1
SM_V9_1 Liftoff exon    25634598        25634742        .       +
        .       Parent=Smp_347480.1
SM_V9_1 Liftoff exon    25635555        25635718        .       +
        .       Parent=Smp_347480.1
SM_V9_1 Liftoff exon    25637658        25637776        .       +
        .       Parent=Smp_347480.1
SM_V9_1 Liftoff exon    25639129        25639496        .       +
        .       Parent=Smp_347480.1
SM_V9_1 Liftoff exon    25641592        25642062        .       +
        .       Parent=Smp_347480.1
SM_V9_1 Liftoff exon    25645994        25646907        .       +
        .       Parent=Smp_347480.1
SM_V9_1 Liftoff CDS     25632493        25632497        .       +
        0       Parent=Smp_347480.1
SM_V9_1 Liftoff CDS     25634598        25634742        .       +
        1       Parent=Smp_347480.1
SM_V9_1 Liftoff CDS     25635555        25635718        .       +
        0       Parent=Smp_347480.1
SM_V9_1 Liftoff CDS     25637658        25637776        .       +
        1       Parent=Smp_347480.1
SM_V9_1 Liftoff CDS     25639129        25639496        .       +
        2       Parent=Smp_347480.1
SM_V9_1 Liftoff CDS     25641592        25642062        .       +
        0       Parent=Smp_347480.1
SM_V9_1 Liftoff CDS     25645994        25646710        .       +
        0       Parent=Smp_347480.1
SM_V9_1 Liftoff gene    25650926        25661199        .       +
        .       ID=Smp_246030;geneID=Smp_246030
SM_V9_1 Liftoff mRNA    25650926        25661199        .       +
        .
ID=Smp_246030.1;Parent=Smp_246030;geneID=Smp_246030;product=tRNA-
splicing endonuclease subunit
Sen34;polypeptide_domain=InterPro:IPR006677
Pfam:PF01974;Ontology_term=GO:0000213,GO:0006388
SM_V9_1 Liftoff exon    25650926        25651040        .       +
        .       Parent=Smp_246030.1
SM_V9_1 Liftoff exon    25653529        25653791        .       +
        .       Parent=Smp_246030.1
SM_V9_1 Liftoff exon    25654613        25654802        .       +
        .       Parent=Smp_246030.1
SM_V9_1 Liftoff exon    25656214        25656585        .       +
        .       Parent=Smp_246030.1
SM_V9_1 Liftoff exon    25657962        25658174        .       +
```

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        .       Parent=Smp_246030.1
SM_V9_1 Liftoff exon    25660692        25661199        .       +
        .       Parent=Smp_246030.1
SM_V9_1 Liftoff CDS     25650986        25651040        .       +
        0       Parent=Smp_246030.1
SM_V9_1 Liftoff CDS     25653529        25653791        .       +
        2       Parent=Smp_246030.1
SM_V9_1 Liftoff CDS     25654613        25654802        .       +
        0       Parent=Smp_246030.1
SM_V9_1 Liftoff CDS     25656214        25656585        .       +
        2       Parent=Smp_246030.1
SM_V9_1 Liftoff CDS     25657962        25658174        .       +
        2       Parent=Smp_246030.1
SM_V9_1 Liftoff CDS     25660692        25661104        .       +
        2       Parent=Smp_246030.1
SM_V9_1 Liftoff gene    25663283        25682821        .       +
        .
ID=Smp_246040;geneID=Smp_246040;previous_systematic_id=Smp_133180,Sm
p_212820
SM_V9_1 Liftoff mRNA    25663283        25682821        .       +
        .
ID=Smp_246040.1;Parent=Smp_246040;geneID=Smp_246040;product=Protein-
serine O-palmitoleoyltransferase
porcupine;polypeptide_domain=InterPro:IPR004299 Pfam:PF03062
SM_V9_1 Liftoff exon    25663283        25663754        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25664766        25664822        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25666437        25666617        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25669088        25669128        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25670940        25671184        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25672175        25672284        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25673400        25673567        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25674529        25674629        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25675344        25675420        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25678639        25678702        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25679257        25679339        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25680728        25680832        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff exon    25682665        25682821        .       +
        .       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25663439        25663754        .       +
        0       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25664766        25664822        .       +
        2       Parent=Smp_246040.1
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SM_V9_1 Liftoff CDS     25666437        25666617        .       +
        2       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25669088        25669128        .       +
        1       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25670940        25671184        .       +
        2       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25672175        25672284        .       +
        0       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25673400        25673567        .       +
        1       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25674529        25674629        .       +
        1       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25675344        25675420        .       +
        2       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25678639        25678702        .       +
        0       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25679257        25679339        .       +
        2       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25680728        25680832        .       +
        0       Parent=Smp_246040.1
SM_V9_1 Liftoff CDS     25682665        25682763        .       +
        0       Parent=Smp_246040.1
SM_V9_1 iris    gene    25686895        25693579        .       -
        .
ID=Smp_133170;geneID=Smp_133170;gene_name=Smp_133170;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25686895        25693579        .       -
        .
ID=Smp_133170.1;Parent=Smp_133170;geneID=Smp_133170;gene_name=Smp_13
3170;owner=irisadmin@local.host;orig_id=Smp_133170.1;date_last_modif
ied=2022-08-02;Name=Smp_133170.1;product=vasohibin
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    25686895        25687083        .       -
        .
Parent=Smp_133170.1;Name=55d62f13-0dcf-4228-8e48-04251c50a701
SM_V9_1 iris    exon    25688662        25688882        .       -
        .       Parent=Smp_133170.1;Name=52224aef-e684-47dc-
ad53-2c562c22e423
SM_V9_1 iris    exon    25690966        25691040        .       -
        .       Parent=Smp_133170.1;Name=a73b65cf-
d5cd-4d2f-87f2-950104f0d591
SM_V9_1 iris    exon    25691098        25691223        .       -
        .       Parent=Smp_133170.1;Name=32636bd9-c475-4323-8ff7-
cd6a09a8880e
SM_V9_1 iris    exon    25691296        25691470        .       -
        .
Parent=Smp_133170.1;Name=932aded7-7c05-4e42-90d1-4a6c6bd0eee4
SM_V9_1 iris    exon    25691532        25691606        .       -
        .       Parent=Smp_133170.1;Name=ddb1d065-5f49-41c5-bbab-
ca9aed2a9d1e
SM_V9_1 iris    exon    25691674        25691730        .       -
        .       Parent=Smp_133170.1;Name=f66381cc-f472-4c12-
bcfb-47f6e7aceeba
SM_V9_1 iris    exon    25693277        25693356        .       -
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        .       Parent=Smp_133170.1;Name=a468aae8-7a4e-4752-837d-
c093e7f08c55
SM_V9_1 iris    exon    25693391        25693579        .       -
        .       Parent=Smp_133170.1;Name=239f8694-2ada-4d39-
ae26-48ed8677f2f8
SM_V9_1 iris    CDS     25687044        25687083        .       -
        1       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25688662        25688882        .       -
        0       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25690966        25691040        .       -
        0       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25691098        25691223        .       -
        0       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25691296        25691470        .       -
        1       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25691532        25691606        .       -
        1       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25691674        25691730        .       -
        1       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25693277        25693356        .       -
        0       Parent=Smp_133170.1
SM_V9_1 iris    CDS     25693391        25693555        .       -
        0       Parent=Smp_133170.1
SM_V9_1 iris    gene    25714113        25725789        .       +
        .
ID=Smp_333770;geneID=Smp_333770;gene_name=Smp_333770;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25714113        25725789        .       +
        .
ID=Smp_333770.1;Parent=Smp_333770;geneID=Smp_333770;gene_name=Smp_33
3770;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_333770.1;product=GPI transamidase component PIG-
T;date_creation=2022-07-27
SM_V9_1 iris    exon    25714113        25714202        .       +
        .
Parent=Smp_333770.1;Name=f5df16cf-5bd2-4f9d-93df-1521f2c2ef85
SM_V9_1 iris    exon    25714989        25715249        .       +
        .       Parent=Smp_333770.1;Name=038901e6-a71d-481d-90ac-
cc592758018c
SM_V9_1 iris    exon    25715287        25715464        .       +
        .       Parent=Smp_333770.1;Name=d78fa95a-3c6f-4403-be25-
c5d7ca09b4c1
SM_V9_1 iris    exon    25715493        25715814        .       +
        .       Parent=Smp_333770.1;Name=e7c9baf4-f15b-45ec-815a-
f5817f603743
SM_V9_1 iris    exon    25715850        25715937        .       +
        .       Parent=Smp_333770.1;Name=7e7b8bf0-4306-48a1-8c9e-
f9b057fa75f8
SM_V9_1 iris    exon    25719404        25719847        .       +
        .       Parent=Smp_333770.1;Name=7326ba78-2c3a-4970-
aa5a-767337007732
SM_V9_1 iris    exon    25723556        25723841        .       +
        .
Parent=Smp_333770.1;Name=b5a2d413-5006-435b-942e-8d6647f97c2b
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SM_V9_1 iris    exon    25725391        25725789        .       +
        .
Parent=Smp_333770.1;Name=93bf2fde-536a-4ce7-959b-68ec770c19f1
SM_V9_1 iris    CDS     25715081        25715249        .       +
        0       Parent=Smp_333770.1
SM_V9_1 iris    CDS     25715287        25715464        .       +
        2       Parent=Smp_333770.1
SM_V9_1 iris    CDS     25715493        25715814        .       +
        1       Parent=Smp_333770.1
SM_V9_1 iris    CDS     25715850        25715937        .       +
        0       Parent=Smp_333770.1
SM_V9_1 iris    CDS     25719404        25719847        .       +
        2       Parent=Smp_333770.1
SM_V9_1 iris    CDS     25723556        25723841        .       +
        2       Parent=Smp_333770.1
SM_V9_1 iris    CDS     25725391        25725706        .       +
        1       Parent=Smp_333770.1
SM_V9_1 Liftoff gene    25727874        25731479        .       -
        .       ID=Smp_020220;geneID=Smp_020220
SM_V9_1 Liftoff mRNA    25727874        25731479        .       -
        .
ID=Smp_020220.1;Parent=Smp_020220;geneID=Smp_020220;product=Coatomer
subunit
zeta-1;polypeptide_domain=InterPro:IPR000804,IPR011012,IPR022775
Pfam:PF01217;Ontology_term=GO:0006810,GO:0006886,GO:0016192,GO:00301
17
SM_V9_1 Liftoff exon    25727874        25728048        .       -
        .       Parent=Smp_020220.1
SM_V9_1 Liftoff exon    25728705        25728795        .       -
        .       Parent=Smp_020220.1
SM_V9_1 Liftoff exon    25728831        25728964        .       -
        .       Parent=Smp_020220.1
SM_V9_1 Liftoff exon    25728998        25729089        .       -
        .       Parent=Smp_020220.1
SM_V9_1 Liftoff exon    25731201        25731285        .       -
        .       Parent=Smp_020220.1
SM_V9_1 Liftoff exon    25731322        25731390        .       -
        .       Parent=Smp_020220.1
SM_V9_1 Liftoff exon    25731422        25731479        .       -
        .       Parent=Smp_020220.1
SM_V9_1 Liftoff CDS     25728001        25728048        .       -
        0       Parent=Smp_020220.1
SM_V9_1 Liftoff CDS     25728705        25728795        .       -
        1       Parent=Smp_020220.1
SM_V9_1 Liftoff CDS     25728831        25728964        .       -
        0       Parent=Smp_020220.1
SM_V9_1 Liftoff CDS     25728998        25729089        .       -
        2       Parent=Smp_020220.1
SM_V9_1 Liftoff CDS     25731201        25731285        .       -
        0       Parent=Smp_020220.1
SM_V9_1 Liftoff CDS     25731322        25731390        .       -
        0       Parent=Smp_020220.1
SM_V9_1 Liftoff CDS     25731422        25731430        .       -
        0       Parent=Smp_020220.1
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SM_V9_1 iris    gene    25741782        25757367        .       +
       .
ID=Smp_020200;geneID=Smp_020200;gene_name=Smp_020200;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25741782        25757367        .       +
       .
ID=Smp_020200.1;Parent=Smp_020200;geneID=Smp_020200;gene_name=Smp_02
0200;owner=irisadmin@local.host;orig_id=Smp_020200.1;date_last_modif
ied=2022-08-02;Name=Smp_020200.1;product=ATP-dependent RNA helicase
DDX54;date_creation=2022-07-27
SM_V9_1 iris    exon    25741782        25742283        .       +
       .       Parent=Smp_020200.1;Name=f31c12d3-7673-49e0-
ba83-26bd3783365f
SM_V9_1 iris    exon    25742319        25742368        .       +
       .       Parent=Smp_020200.1;Name=56a9ac3c-951c-48af-b8a3-
ce303870283f
SM_V9_1 iris    exon    25742405        25742446        .       +
       .       Parent=Smp_020200.1;Name=cb0fac0c-4c8c-4c33-
b4b5-28e568ab2609
SM_V9_1 iris    exon    25742480        25742575        .       +
       .
Parent=Smp_020200.1;Name=e0e122fd-7f62-44b5-95af-2b098d32ce68
SM_V9_1 iris    exon    25744329        25744512        .       +
       .       Parent=Smp_020200.1;Name=4c39387a-9a23-4c00-
b84d-83aa4c273de8
SM_V9_1 iris    exon    25746135        25746266        .       +
       .
Parent=Smp_020200.1;Name=eff67186-1a6d-491a-8fa9-30bfaa028ae7
SM_V9_1 iris    exon    25747265        25747475        .       +
       .       Parent=Smp_020200.1;Name=5dbf0ceb-23f8-47f5-bf2e-
fe273447b715
SM_V9_1 iris    exon    25748766        25748995        .       +
       .       Parent=Smp_020200.1;Name=e50f5792-26cc-422b-91f5-
d8554e293e62
SM_V9_1 iris    exon    25749767        25749902        .       +
       .       Parent=Smp_020200.1;Name=3c08bc38-d27c-452d-98fa-
b572f60cb475
SM_V9_1 iris    exon    25750909        25750979        .       +
       .       Parent=Smp_020200.1;Name=93978e6e-232e-4dae-
bf04-42dac6051a16
SM_V9_1 iris    exon    25752312        25752449        .       +
       .       Parent=Smp_020200.1;Name=c1a64915-
b840-41d8-8496-9733020ad4e7
SM_V9_1 iris    exon    25753465        25753688        .       +
       .       Parent=Smp_020200.1;Name=17e361a1-0516-484d-bd8e-
fc14598c3ce1
SM_V9_1 iris    exon    25754815        25754967        .       +
       .       Parent=Smp_020200.1;Name=43817cae-60d1-4d7c-b8d4-
ab3fa4ecc11b
SM_V9_1 iris    exon    25755841        25756094        .       +
       .       Parent=Smp_020200.1;Name=c3971183-5bb3-4d82-b1e5-
cc8549ecc6de
SM_V9_1 iris    exon    25757056        25757367        .       +
       .       Parent=Smp_020200.1;Name=8cbfc976-ad5d-4b0e-946b-
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edaadc73f2ba
SM_V9_1 iris    CDS     25741891        25742283        .       +
        0       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25742319        25742368        .       +
        0       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25742405        25742446        .       +
        1       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25742480        25742575        .       +
        1       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25744329        25744512        .       +
        1       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25746135        25746266        .       +
        0       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25747265        25747475        .       +
        0       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25748766        25748995        .       +
        2       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25749767        25749902        .       +
        0       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25750909        25750979        .       +
        2       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25752312        25752449        .       +
        0       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25753465        25753688        .       +
        0       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25754815        25754967        .       +
        1       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25755841        25756094        .       +
        1       Parent=Smp_020200.1
SM_V9_1 iris    CDS     25757056        25757261        .       +
        2       Parent=Smp_020200.1
SM_V9_1 Liftoff gene    25761012        25786918        .       -
        .
ID=Smp_133150;geneID=Smp_133150;previous_systematic_id=Smp_178720
SM_V9_1 Liftoff mRNA    25761012        25786918        .       -
        .
ID=Smp_133150.1;Parent=Smp_133150;geneID=Smp_133150;product=Conserve
d oligomeric Golgi complex subunit
5;polypeptide_domain=InterPro:IPR019465
Pfam:PF10392;Ontology_term=GO:0006891,GO:0017119
SM_V9_1 Liftoff exon    25761012        25761234        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25762148        25762366        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25767261        25767632        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25769446        25769952        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25771306        25771838        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25773604        25773942        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25774678        25774837        .       -
        .       Parent=Smp_133150.1
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SM_V9_1 Liftoff exon    25783126        25783334        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25783390        25783658        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff exon    25785145        25786918        .       -
        .       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25761151        25761234        .       -
        0       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25762148        25762366        .       -
        0       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25767261        25767632        .       -
        0       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25769446        25769952        .       -
        0       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25771306        25771838        .       -
        2       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25773604        25773942        .       -
        2       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25774678        25774837        .       -
        0       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25783126        25783334        .       -
        2       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25783390        25783658        .       -
        1       Parent=Smp_133150.1
SM_V9_1 Liftoff CDS     25785145        25785266        .       -
        0       Parent=Smp_133150.1
SM_V9_1 Liftoff gene    25789469        25792911        .       -
        .       ID=Smp_101840;geneID=Smp_101840
SM_V9_1 Liftoff mRNA    25789469        25792911        .       -
        .
ID=Smp_101840.1;Parent=Smp_101840;geneID=Smp_101840;product=Origin
recognition complex subunit 5
SM_V9_1 Liftoff exon    25789469        25789581        .       -
        .       Parent=Smp_101840.1
SM_V9_1 Liftoff exon    25792030        25792383        .       -
        .       Parent=Smp_101840.1
SM_V9_1 Liftoff exon    25792731        25792911        .       -
        .       Parent=Smp_101840.1
SM_V9_1 Liftoff CDS     25789469        25789581        .       -
        2       Parent=Smp_101840.1
SM_V9_1 Liftoff CDS     25792030        25792383        .       -
        2       Parent=Smp_101840.1
SM_V9_1 Liftoff CDS     25792731        25792911        .       -
        0       Parent=Smp_101840.1
SM_V9_1 iris    gene    25806442        25828011        .       +
        .
ID=Smp_178710;geneID=Smp_178710;gene_name=Smp_178710;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25806442        25828011        .       +
        .
ID=Smp_178710.1;Parent=Smp_178710;geneID=Smp_178710;gene_name=Smp_17
8710;owner=irisadmin@local.host;orig_id=Smp_178710.1;date_last_modif
ied=2022-08-02;Name=Smp_178710.1;product=Centrosomal protein of 104
kDa;date_creation=2022-07-27
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SM_V9_1 iris    exon    25806442        25806698        .       +
        .       Parent=Smp_178710.1;Name=20866c80-efa5-406b-
a160-50320dac9116
SM_V9_1 iris    exon    25806736        25806817        .       +
        .       Parent=Smp_178710.1;Name=8e1382f7-08db-4aa4-
b485-2c55dc8db209
SM_V9_1 iris    exon    25806859        25806997        .       +
        .       Parent=Smp_178710.1;Name=e2dd2320-2d0f-4183-8931-
e9de97e10102
SM_V9_1 iris    exon    25807032        25807120        .       +
        .       Parent=Smp_178710.1;Name=50b99eb9-7672-462f-
b265-10ca2c8aff5f
SM_V9_1 iris    exon    25809950        25810059        .       +
        .       Parent=Smp_178710.1;Name=9231d245-
d7c3-4bfc-9c26-0c83b4f7ca68
SM_V9_1 iris    exon    25811880        25811935        .       +
        .       Parent=Smp_178710.1;Name=bba44aab-a3e0-45eb-a9b8-
c1b6d1c6f664
SM_V9_1 iris    exon    25812170        25812382        .       +
        .       Parent=Smp_178710.1;Name=e9b79d9d-
afb3-4412-8649-62ba588b16bf
SM_V9_1 iris    exon    25813654        25813672        .       +
        .       Parent=Smp_178710.1;Name=05c97bb6-bf14-4df0-
afe9-1305e879a31b
SM_V9_1 iris    exon    25817093        25817622        .       +
        .       Parent=Smp_178710.1;Name=58b0aed5-9cd5-48a4-bfb7-
d65e3d51a831
SM_V9_1 iris    exon    25819538        25819717        .       +
        .       Parent=Smp_178710.1;Name=3d17e569-e07a-4444-83cf-
e59e4b53c79b
SM_V9_1 iris    exon    25819877        25820080        .       +
        .       Parent=Smp_178710.1;Name=bf59f94d-
f8c9-4633-8fcb-322ee1e6ef98
SM_V9_1 iris    exon    25820827        25821051        .       +
        .       Parent=Smp_178710.1;Name=51a868e8-1c76-46c0-9737-
e22eca5836eb
SM_V9_1 iris    exon    25821393        25821620        .       +
        .       Parent=Smp_178710.1;Name=98b5dcdb-6263-4d49-
a680-226cd1d62964
SM_V9_1 iris    exon    25822692        25823145        .       +
        .       Parent=Smp_178710.1;Name=e297fb3b-f7ff-4506-
bf3c-187862865418
SM_V9_1 iris    exon    25825737        25826096        .       +
        .       Parent=Smp_178710.1;Name=6f7dcb16-a8ff-492b-b769-
e224c4399242
SM_V9_1 iris    exon    25827238        25828011        .       +
        .       Parent=Smp_178710.1;Name=07d96c0b-db76-4684-b188-
b98d1d6a4d0e
SM_V9_1 iris    CDS     25806494        25806698        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25806736        25806817        .       +
        2       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25806859        25806997        .       +
        1       Parent=Smp_178710.1
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SM_V9_1 iris    CDS     25807032        25807120        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25809950        25810059        .       +
        1       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25811880        25811935        .       +
        2       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25812170        25812382        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25813654        25813672        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25817093        25817622        .       +
        2       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25819538        25819717        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25819877        25820080        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25820827        25821051        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25821393        25821620        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25822692        25823145        .       +
        0       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25825737        25826096        .       +
        2       Parent=Smp_178710.1
SM_V9_1 iris    CDS     25827238        25827296        .       +
        2       Parent=Smp_178710.1
SM_V9_1 iris    gene    25835242        26004379        .       +
        .
ID=Smp_340320;geneID=Smp_340320;gene_name=Smp_340320;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    25835242        26004379        .       +
        .
ID=Smp_340320.1;Parent=Smp_340320;geneID=Smp_340320;gene_name=Smp_34
0320;owner=irisadmin@local.host;orig_id=Smp_340320.1;date_last_modif
ied=2022-08-02;Name=Smp_340320.1;product=high voltage-activated
calcium channel Cav2A;date_creation=2022-07-27
SM_V9_1 iris    exon    25835242        25836058        .       +
        .       Parent=Smp_340320.1;Name=0a09aa45-6a74-4393-8357-
eb3d72f41691
SM_V9_1 iris    exon    25860462        25860567        .       +
        .       Parent=Smp_340320.1;Name=30d3034e-df95-49fb-
ba7b-856a7b9ab1cf
SM_V9_1 iris    exon    25869088        25869227        .       +
        .       Parent=Smp_340320.1;Name=2e4f9186-53f8-4a03-
af6e-12d0be5de86f
SM_V9_1 iris    exon    25891770        25891870        .       +
        .       Parent=Smp_340320.1;Name=2f1776d8-
eff7-4192-9f06-3787039fdfec
SM_V9_1 iris    exon    25893783        25893929        .       +
        .       Parent=Smp_340320.1;Name=7a8a93d6-edfc-4d6a-ae66-
b30178f4071b
SM_V9_1 iris    exon    25898534        25898769        .       +
        .       Parent=Smp_340320.1;Name=9a8e5e7e-3576-47de-84ca-
c97ac1fdc81b
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SM_V9_1 iris    exon    25899598        25899701        .       +
        .       Parent=Smp_340320.1;Name=cab1f5ed-5397-4974-
b629-12a8237ff270
SM_V9_1 iris    exon    25904666        25904781        .       +
        .
Parent=Smp_340320.1;Name=881607a9-493e-4ae2-85ba-832c2527123e
SM_V9_1 iris    exon    25910894        25910953        .       +
        .
Parent=Smp_340320.1;Name=45615d14-0298-4bb4-8dee-9aa4120fa6f2
SM_V9_1 iris    exon    25912141        25912227        .       +
        .       Parent=Smp_340320.1;Name=4db58769-cbf1-42b0-93d0-
e92692ffbedb
SM_V9_1 iris    exon    25913581        25913650        .       +
        .       Parent=Smp_340320.1;Name=26097ff6-f10e-479f-
bb2d-573cfe0080ad
SM_V9_1 iris    exon    25915945        25916072        .       +
        .       Parent=Smp_340320.1;Name=c38c4727-388b-43c5-
bb9f-08f6c917236d
SM_V9_1 iris    exon    25917117        25917229        .       +
        .
Parent=Smp_340320.1;Name=468e43d5-0b90-47e5-92cb-5dececbb41f6
SM_V9_1 iris    exon    25921319        25921431        .       +
        .
Parent=Smp_340320.1;Name=c0d04bdd-6867-48b4-8871-3f263aa677d1
SM_V9_1 iris    exon    25925986        25926117        .       +
        .       Parent=Smp_340320.1;Name=61b9eea2-08b5-492c-ad47-
bda82b0e45c7
SM_V9_1 iris    exon    25927701        25927773        .       +
        .       Parent=Smp_340320.1;Name=0643063a-12ef-4150-b530-
acc4d302f1bc
SM_V9_1 iris    exon    25931542        25931662        .       +
        .       Parent=Smp_340320.1;Name=41d785f3-3aec-4992-
a6c8-273b215ef9d3
SM_V9_1 iris    exon    25933395        25933495        .       +
        .       Parent=Smp_340320.1;Name=f54fe8c4-ad71-4d17-
a4e6-690e70ece2e8
SM_V9_1 iris    exon    25938351        25938442        .       +
        .       Parent=Smp_340320.1;Name=2aa837b2-5d0f-4f9e-
adce-6b5998bc705c
SM_V9_1 iris    exon    25941177        25941241        .       +
        .       Parent=Smp_340320.1;Name=8b21960b-c036-445e-ae8b-
fe925d5455a6
SM_V9_1 iris    exon    25944134        25944281        .       +
        .       Parent=Smp_340320.1;Name=d1f8d447-554e-40a5-
a78d-91405185ed32
SM_V9_1 iris    exon    25945777        25945966        .       +
        .
Parent=Smp_340320.1;Name=5891c206-34fc-4bf0-8916-5b15633bfafe
SM_V9_1 iris    exon    25949143        25949246        .       +
        .
Parent=Smp_340320.1;Name=82549a3e-90de-4507-91fb-03c2318e6c44
SM_V9_1 iris    exon    25952041        25952079        .       +
        .       Parent=Smp_340320.1;Name=034675c4-a759-478f-8c2a-
d0a6a4eb2841
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SM_V9_1 iris    exon    25955498        25955582        .       +
        .       Parent=Smp_340320.1;Name=03086759-
c2fc-4e63-9358-596c55745239
SM_V9_1 iris    exon    25958563        25958723        .       +
        .       Parent=Smp_340320.1;Name=053b2b00-0a34-4a24-
a286-50dae3855b59
SM_V9_1 iris    exon    25961790        25961930        .       +
        .       Parent=Smp_340320.1;Name=f7f26d6f-6486-453a-
ab74-5e9365e5ce2b
SM_V9_1 iris    exon    25967237        25967438        .       +
        .
Parent=Smp_340320.1;Name=f110738f-7e2e-4c02-8b0e-3139e766f4d1
SM_V9_1 iris    exon    25970080        25970244        .       +
        .       Parent=Smp_340320.1;Name=b4978b31-69e2-4f58-bbbc-
e9aaf0598bf4
SM_V9_1 iris    exon    25971350        25971508        .       +
        .       Parent=Smp_340320.1;Name=2e269c27-fca0-40bc-8012-
a5efa91ab90b
SM_V9_1 iris    exon    25972428        25972511        .       +
        .       Parent=Smp_340320.1;Name=0b9fa07d-3618-4edc-ad65-
ff803331677d
SM_V9_1 iris    exon    25974858        25975043        .       +
        .
Parent=Smp_340320.1;Name=c3c3724d-05cf-4e9b-8a76-25d285baf68b
SM_V9_1 iris    exon    25978807        25978889        .       +
        .       Parent=Smp_340320.1;Name=90f1c98e-4e02-4c07-
a1a0-62927c0e26d2
SM_V9_1 iris    exon    25984390        25984659        .       +
        .
Parent=Smp_340320.1;Name=7d6ec373-4ceb-49ad-8a2c-4e5c134ba42e
SM_V9_1 iris    exon    25991730        25991764        .       +
        .       Parent=Smp_340320.1;Name=fdc1db26-4118-4888-83e3-
a45a347296ba
SM_V9_1 iris    exon    25991767        25991825        .       +
        .
Parent=Smp_340320.1;Name=0b3f9a2d-8849-4e59-9804-3bf6f5e4750d
SM_V9_1 iris    exon    25993827        25994037        .       +
        .       Parent=Smp_340320.1;Name=96afc7b4-
b067-41a9-8d13-17817c1eaf2a
SM_V9_1 iris    exon    25996273        25996388        .       +
        .       Parent=Smp_340320.1;Name=3fe07e63-c347-435a-
bdb9-07a97b31f9a4
SM_V9_1 iris    exon    25998310        25998353        .       +
        .       Parent=Smp_340320.1;Name=83afed36-6df5-4abc-94c0-
b13477d0a668
SM_V9_1 iris    exon    26000474        26000576        .       +
        .       Parent=Smp_340320.1;Name=d1c2a322-7c98-4ea2-92ac-
d39688d3b252
SM_V9_1 iris    exon    26001024        26001918        .       +
        .
Parent=Smp_340320.1;Name=b73b4f22-34a6-4a91-895e-5fbb0c5d7f96
SM_V9_1 iris    exon    26003571        26004379        .       +
        .       Parent=Smp_340320.1;Name=04c14d19-
a04f-4b38-9893-6814130db7f1
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SM_V9_1 iris    CDS     25835778        25836058        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25860462        25860567        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25869088        25869227        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25891770        25891870        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25893783        25893929        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25898534        25898769        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25899598        25899701        .       +
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SM_V9_1 iris    CDS     25904666        25904781        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25910894        25910953        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25912141        25912227        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25913581        25913650        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25915945        25916072        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25917117        25917229        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25921319        25921431        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25925986        25926117        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25927701        25927773        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25931542        25931662        .       +
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SM_V9_1 iris    CDS     25933395        25933495        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25938351        25938442        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25941177        25941241        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25944134        25944281        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25945777        25945966        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25949143        25949246        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25952041        25952079        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25955498        25955582        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25958563        25958723        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25961790        25961930        .       +
        1       Parent=Smp_340320.1
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SM_V9_1 iris    CDS     25967237        25967438        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25970080        25970244        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25971350        25971508        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25972428        25972511        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25974858        25975043        .       +
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SM_V9_1 iris    CDS     25978807        25978889        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25984390        25984659        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25991730        25991764        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25991767        25991825        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25993827        25994037        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25996273        25996388        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    CDS     25998310        25998353        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     26000474        26000576        .       +
        1       Parent=Smp_340320.1
SM_V9_1 iris    CDS     26001024        26001918        .       +
        0       Parent=Smp_340320.1
SM_V9_1 iris    CDS     26003571        26004337        .       +
        2       Parent=Smp_340320.1
SM_V9_1 iris    gene    26007604        26011098        .       -
        .
ID=Smp_133120;geneID=Smp_133120;gene_name=Smp_133120;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26007604        26011098        .       -
        .
ID=Smp_133120.1;Parent=Smp_133120;geneID=Smp_133120;gene_name=Smp_13
3120;owner=irisadmin@local.host;orig_id=Smp_133120.1;date_last_modif
ied=2022-08-02;Name=Smp_133120.1;product=Probable ATP-dependent RNA
helicase DDX17;date_creation=2022-07-27
SM_V9_1 iris    exon    26007604        26008982        .       -
        .
Parent=Smp_133120.1;Name=0bbfd142-7bce-4623-8371-6501abafe564
SM_V9_1 iris    exon    26009019        26009158        .       -
        .       Parent=Smp_133120.1;Name=d30789d5-5cd8-46ed-
b831-8e2919023279
SM_V9_1 iris    exon    26009829        26009876        .       -
        .       Parent=Smp_133120.1;Name=7ae2aac9-08d3-457c-
a9dc-39ccc98a2fb2
SM_V9_1 iris    exon    26009920        26010971        .       -
        .       Parent=Smp_133120.1;Name=fff10696-0371-4b93-9274-
b8edb51fa9cf
SM_V9_1 iris    exon    26011005        26011098        .       -
        .       Parent=Smp_133120.1;Name=487ba63c-
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b2a6-4b89-91b6-93bbed32035a
SM_V9_1 iris    CDS     26007639        26008982        .       -
        0       Parent=Smp_133120.1
SM_V9_1 iris    CDS     26009019        26009158        .       -
        2       Parent=Smp_133120.1
SM_V9_1 iris    CDS     26009829        26009876        .       -
        2       Parent=Smp_133120.1
SM_V9_1 iris    CDS     26009920        26010971        .       -
        1       Parent=Smp_133120.1
SM_V9_1 iris    CDS     26011005        26011048        .       -
        0       Parent=Smp_133120.1
SM_V9_1 iris    gene    26023042        26026969        .       +
        .
ID=Smp_133110;geneID=Smp_133110;gene_name=Smp_133110;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26023042        26026969        .       +
        .
ID=Smp_133110.1;Parent=Smp_133110;geneID=Smp_133110;gene_name=Smp_13
3110;owner=irisadmin@local.host;orig_id=Smp_133110.2;date_last_modif
ied=2022-08-02;Name=Smp_133110.1;product=Pre-mRNA-splicing factor
38B;date_creation=2022-07-27
SM_V9_1 iris    exon    26023042        26023430        .       +
        .       Parent=Smp_133110.1;Name=2571cd7e-1a66-4250-
bedb-35e2bc4f2b85
SM_V9_1 iris    exon    26023469        26023689        .       +
        .       Parent=Smp_133110.1;Name=49672776-e7ad-4352-8b32-
f06527db9b19
SM_V9_1 iris    exon    26023728        26023788        .       +
        .       Parent=Smp_133110.1;Name=9a791abd-40f2-4798-
a231-6c86fb23ac2d
SM_V9_1 iris    exon    26023948        26024222        .       +
        .       Parent=Smp_133110.1;Name=2c7c2c49-2626-4f7e-
a241-7889fb412350
SM_V9_1 iris    exon    26026671        26026969        .       +
        .
Parent=Smp_133110.1;Name=081bfe7b-6ecb-463f-81cf-6527ab3fb7fa
SM_V9_1 iris    CDS     26023218        26023430        .       +
        0       Parent=Smp_133110.1
SM_V9_1 iris    CDS     26023469        26023689        .       +
        0       Parent=Smp_133110.1
SM_V9_1 iris    CDS     26023728        26023788        .       +
        1       Parent=Smp_133110.1
SM_V9_1 iris    CDS     26023948        26024222        .       +
        0       Parent=Smp_133110.1
SM_V9_1 iris    CDS     26026671        26026833        .       +
        1       Parent=Smp_133110.1
SM_V9_1 iris    gene    26108372        26171947        .       +
        .
ID=Smp_020130;geneID=Smp_020130;gene_name=Smp_020130;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26108372        26171947        .       +
        .
ID=Smp_020130.1;Parent=Smp_020130;geneID=Smp_020130;gene_name=Smp_02
0130;owner=irisadmin@local.host;orig_id=Smp_020130.1;date_last_modif
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ied=2022-08-02;Name=Smp_020130.1;product=Hypothetical
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    26108372        26109118        .       +
        .       Parent=Smp_020130.1;Name=5ff22f28-75ee-45e8-
b3ea-17dcd38b5c0c
SM_V9_1 iris    exon    26168987        26171947        .       +
        .
Parent=Smp_020130.1;Name=cadc1e27-746c-497f-9bae-52e0ef011ad5
SM_V9_1 iris    CDS     26169089        26171635        .       +
        0       Parent=Smp_020130.1
SM_V9_1 Liftoff gene    26183479        26185969        .       -
        .       ID=Smp_020120;geneID=Smp_020120
SM_V9_1 Liftoff mRNA    26183479        26185969        .       -
        .
ID=Smp_020120.1;Parent=Smp_020120;geneID=Smp_020120;product=Nuclear
envelope phosphatase-regulatory subunit
1;polypeptide_domain=InterPro:IPR019168
Pfam:PF09771;Ontology_term=GO:0035307,GO:0071595
SM_V9_1 Liftoff exon    26183479        26184229        .       -
        .       Parent=Smp_020120.1
SM_V9_1 Liftoff exon    26185948        26185969        .       -
        .       Parent=Smp_020120.1
SM_V9_1 Liftoff CDS     26183843        26184229        .       -
        0       Parent=Smp_020120.1
SM_V9_1 Liftoff CDS     26185948        26185959        .       -
        0       Parent=Smp_020120.1
SM_V9_1 Liftoff mRNA    26183479        26185969        .       -
        .
ID=Smp_020120.2;Parent=Smp_020120;geneID=Smp_020120;product=Nuclear
envelope phosphatase-regulatory subunit
1;polypeptide_domain=InterPro:IPR019168
Pfam:PF09771;Ontology_term=GO:0035307,GO:0071595
SM_V9_1 Liftoff exon    26183479        26184229        .       -
        .       Parent=Smp_020120.2
SM_V9_1 Liftoff exon    26185734        26185969        .       -
        .       Parent=Smp_020120.2
SM_V9_1 Liftoff CDS     26183843        26184229        .       -
        0       Parent=Smp_020120.2
SM_V9_1 Liftoff CDS     26185734        26185781        .       -
        0       Parent=Smp_020120.2
SM_V9_1 iris    gene    26198424        26231615        .       +
        .
ID=Smp_327930;geneID=Smp_327930;gene_name=Smp_327930;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26198424        26231615        .       +
        .
ID=Smp_327930.1;Parent=Smp_327930;geneID=Smp_327930;gene_name=Smp_32
7930;owner=irisadmin@local.host;orig_id=Smp_327930.1;date_last_modif
ied=2022-08-02;Name=Smp_327930.1;product=Leucine-rich repeat and IQ
domain-containing protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    26198424        26198503        .       +
        .       Parent=Smp_327930.1;Name=68ff797d-4d93-4ff5-
ace3-0724efba1e78
SM_V9_1 iris    exon    26199599        26199754        .       +
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        .       Parent=Smp_327930.1;Name=596b4e3b-721e-4f35-
bc60-464a8b7b0399
SM_V9_1 iris    exon    26201237        26201485        .       +
        .
Parent=Smp_327930.1;Name=564992a4-0281-4186-8271-7883b1557a27
SM_V9_1 iris    exon    26202221        26202392        .       +
        .       Parent=Smp_327930.1;Name=90e329cb-57ba-4194-
ae3b-39f89fafe519
SM_V9_1 iris    exon    26204128        26204216        .       +
        .       Parent=Smp_327930.1;Name=54354361-
f5e3-455a-98cf-0a0755634868
SM_V9_1 iris    exon    26207174        26207293        .       +
        .       Parent=Smp_327930.1;Name=3b2cd178-bdea-418e-
a009-4721ac205e57
SM_V9_1 iris    exon    26208517        26208591        .       +
        .
Parent=Smp_327930.1;Name=8a576466-88bb-498e-9356-6bc4207928da
SM_V9_1 iris    exon    26209425        26209543        .       +
        .       Parent=Smp_327930.1;Name=bef78e47-2a83-4caf-
a44b-11d1c58d7cee
SM_V9_1 iris    exon    26211253        26211458        .       +
        .       Parent=Smp_327930.1;Name=8dcf2023-8e35-4ea6-
ac0f-3405ba146bec
SM_V9_1 iris    exon    26211490        26211568        .       +
        .       Parent=Smp_327930.1;Name=98a7f918-4927-4072-9062-
e41c2b0fd32d
SM_V9_1 iris    exon    26212715        26212978        .       +
        .       Parent=Smp_327930.1;Name=4ba6c7a7-c2cd-48e2-
a42c-1f241876a4ac
SM_V9_1 iris    exon    26214394        26214648        .       +
        .       Parent=Smp_327930.1;Name=99e95d34-1bb1-431e-b521-
c7c9d73f6c6d
SM_V9_1 iris    exon    26216204        26216357        .       +
        .       Parent=Smp_327930.1;Name=ef5380c7-5fb3-4a70-
a58b-8e45d87db7be
SM_V9_1 iris    exon    26217533        26217700        .       +
        .
Parent=Smp_327930.1;Name=a19d7797-3aa4-455f-8334-429d34cb6dfe
SM_V9_1 iris    exon    26218766        26218781        .       +
        .       Parent=Smp_327930.1;Name=5756a234-3261-4fc9-9cb3-
e62ce820367f
SM_V9_1 iris    exon    26218814        26218924        .       +
        .       Parent=Smp_327930.1;Name=3ba3fe6d-a537-4d7f-90ce-
c18b533a46ca
SM_V9_1 iris    exon    26219589        26219809        .       +
        .       Parent=Smp_327930.1;Name=4b4466d8-b06e-4129-a977-
ad9f0689ce2d
SM_V9_1 iris    exon    26221411        26221541        .       +
        .
Parent=Smp_327930.1;Name=08afc830-0ce1-4051-9977-3336d76e998e
SM_V9_1 iris    exon    26222007        26222077        .       +
        .       Parent=Smp_327930.1;Name=dbe22fa6-01b8-443d-99f8-
ed50cb7d2d47
SM_V9_1 iris    exon    26223242        26223335        .       +
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        .       Parent=Smp_327930.1;Name=bc2d6771-
b7b0-40a6-8f8c-8ffaf5fa3e93
SM_V9_1 iris    exon    26224265        26224477        .       +
        .       Parent=Smp_327930.1;Name=f537df35-9d0f-4e62-ab6b-
cd581e09dc15
SM_V9_1 iris    exon    26226512        26226895        .       +
        .       Parent=Smp_327930.1;Name=6da33f55-42f3-401c-
a011-1d6f39f2829f
SM_V9_1 iris    exon    26231131        26231615        .       +
        .       Parent=Smp_327930.1;Name=9446a4bc-df52-4fa7-bd90-
fd982e9cf269
SM_V9_1 iris    CDS     26199740        26199754        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26201237        26201485        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26202221        26202392        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26204128        26204216        .       +
        2       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26207174        26207293        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26208517        26208591        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26209425        26209543        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26211253        26211458        .       +
        1       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26211490        26211568        .       +
        2       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26212715        26212978        .       +
        1       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26214394        26214648        .       +
        1       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26216204        26216357        .       +
        1       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26217533        26217700        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26218766        26218781        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26218814        26218924        .       +
        2       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26219589        26219809        .       +
        2       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26221411        26221541        .       +
        0       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26222007        26222077        .       +
        1       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26223242        26223335        .       +
        2       Parent=Smp_327930.1
SM_V9_1 iris    CDS     26224265        26224442        .       +
        1       Parent=Smp_327930.1
SM_V9_1 Liftoff gene    26230788        26247920        .       -
        .       ID=Smp_133090;geneID=Smp_133090
SM_V9_1 Liftoff mRNA    26230788        26247920        .       -
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;polypeptide_domain=InterPro:IPR001799,IPR008972
Pfam:PF00812;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    26230788        26231579        .       -
        .       Parent=Smp_133090.1
SM_V9_1 Liftoff exon    26232998        26233141        .       -
        .       Parent=Smp_133090.1
SM_V9_1 Liftoff exon    26234401        26234575        .       -
        .       Parent=Smp_133090.1
SM_V9_1 Liftoff exon    26240797        26240893        .       -
        .       Parent=Smp_133090.1
SM_V9_1 Liftoff exon    26247728        26247920        .       -
        .       Parent=Smp_133090.1
SM_V9_1 Liftoff CDS     26231107        26231579        .       -
        2       Parent=Smp_133090.1
SM_V9_1 Liftoff CDS     26232998        26233141        .       -
        2       Parent=Smp_133090.1
SM_V9_1 Liftoff CDS     26234401        26234575        .       -
        0       Parent=Smp_133090.1
SM_V9_1 Liftoff CDS     26240797        26240893        .       -
        1       Parent=Smp_133090.1
SM_V9_1 Liftoff CDS     26247728        26247828        .       -
        0       Parent=Smp_133090.1
SM_V9_1 Liftoff gene    26275407        26294160        .       -
        .       ID=Smp_133080;geneID=Smp_133080
SM_V9_1 Liftoff mRNA    26275407        26294160        .       -
        .
ID=Smp_133080.1;Parent=Smp_133080;geneID=Smp_133080;product=Ephrin-
A1;polypeptide_domain=InterPro:IPR001799,IPR008972
Pfam:PF00812;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    26275407        26276180        .       -
        .       Parent=Smp_133080.1
SM_V9_1 Liftoff exon    26276962        26277105        .       -
        .       Parent=Smp_133080.1
SM_V9_1 Liftoff exon    26277928        26278102        .       -
        .       Parent=Smp_133080.1
SM_V9_1 Liftoff exon    26280720        26280816        .       -
        .       Parent=Smp_133080.1
SM_V9_1 Liftoff exon    26293841        26294160        .       -
        .       Parent=Smp_133080.1
SM_V9_1 Liftoff CDS     26275429        26276180        .       -
        2       Parent=Smp_133080.1
SM_V9_1 Liftoff CDS     26276962        26277105        .       -
        2       Parent=Smp_133080.1
SM_V9_1 Liftoff CDS     26277928        26278102        .       -
        0       Parent=Smp_133080.1
SM_V9_1 Liftoff CDS     26280720        26280816        .       -
        1       Parent=Smp_133080.1
SM_V9_1 Liftoff CDS     26293841        26293944        .       -
        0       Parent=Smp_133080.1
SM_V9_1 Liftoff gene    26355389        26373013        .       +
        .
ID=Smp_342760;geneID=Smp_342760;previous_systematic_id=Smp_133070
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SM_V9_1 Liftoff mRNA    26355389        26373013        .       +
        .
ID=Smp_342760.1;Parent=Smp_342760;geneID=Smp_342760;product=Ephrin-4
;polypeptide_domain=InterPro:IPR001799,IPR008972
Pfam:PF00812;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    26355389        26355621        .       +
        .       Parent=Smp_342760.1
SM_V9_1 Liftoff exon    26363806        26363902        .       +
        .       Parent=Smp_342760.1
SM_V9_1 Liftoff exon    26364981        26365155        .       +
        .       Parent=Smp_342760.1
SM_V9_1 Liftoff exon    26369247        26369375        .       +
        .       Parent=Smp_342760.1
SM_V9_1 Liftoff exon    26371484        26373013        .       +
        .       Parent=Smp_342760.1
SM_V9_1 Liftoff CDS     26355518        26355621        .       +
        0       Parent=Smp_342760.1
SM_V9_1 Liftoff CDS     26363806        26363902        .       +
        1       Parent=Smp_342760.1
SM_V9_1 Liftoff CDS     26364981        26365155        .       +
        0       Parent=Smp_342760.1
SM_V9_1 Liftoff CDS     26369247        26369375        .       +
        2       Parent=Smp_342760.1
SM_V9_1 Liftoff CDS     26371484        26372235        .       +
        2       Parent=Smp_342760.1
SM_V9_1 iris    gene    26410969        26421684        .       -
        .
ID=Smp_347760;geneID=Smp_347760;gene_name=Smp_347760;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26410969        26421684        .       -
        .
ID=Smp_347760.1;Parent=Smp_347760;geneID=Smp_347760;gene_name=Smp_34
7760;owner=irisadmin@local.host;orig_id=Smp_347760.2;date_last_modif
ied=2022-08-02;Name=Smp_347760.1;product=Rhomboid-related protein
1;date_creation=2022-07-27
SM_V9_1 iris    exon    26410969        26411931        .       -
        .       Parent=Smp_347760.1;Name=ca35e10e-7cea-4803-bea0-
b6c0a2c6550f
SM_V9_1 iris    exon    26413311        26413409        .       -
        .       Parent=Smp_347760.1;Name=68747ccc-1f8e-4ea1-
a55b-4bbcd5bfa8a4
SM_V9_1 iris    exon    26414966        26415056        .       -
        .
Parent=Smp_347760.1;Name=bd5b1614-5794-40d1-9c60-18a85605dd0c
SM_V9_1 iris    exon    26416698        26416798        .       -
        .
Parent=Smp_347760.1;Name=1b8521c4-03e4-4b1a-8386-01e9908ab6c8
SM_V9_1 iris    exon    26417649        26417922        .       -
        .       Parent=Smp_347760.1;Name=c1a8c26c-2e39-499a-
b931-3e4745c63347
SM_V9_1 iris    exon    26419305        26419541        .       -
        .       Parent=Smp_347760.1;Name=a4421c70-
ca17-4dd5-9619-589c42621abf
SM_V9_1 iris    exon    26421387        26421523        .       -
```

```
        .       Parent=Smp_347760.1;Name=6b274b6c-a8f4-4365-
b464-70618bc67c74
SM_V9_1 iris    exon    26421569        26421592        .       -
        .       Parent=Smp_347760.1;Name=5c285e7a-2923-4716-
b4e4-692c60d17ac2
SM_V9_1 iris    exon    26421633        26421684        .       -
        .       Parent=Smp_347760.1;Name=7529660c-390b-4e0d-ac9a-
a770a064d574
SM_V9_1 iris    CDS     26411759        26411931        .       -
        2       Parent=Smp_347760.1
SM_V9_1 iris    CDS     26413311        26413409        .       -
        2       Parent=Smp_347760.1
SM_V9_1 iris    CDS     26414966        26415056        .       -
        0       Parent=Smp_347760.1
SM_V9_1 iris    CDS     26416698        26416798        .       -
        2       Parent=Smp_347760.1
SM_V9_1 iris    CDS     26417649        26417778        .       -
        0       Parent=Smp_347760.1
SM_V9_1 Liftoff gene    26439384        26452470        .       -
        .       ID=Smp_020090;geneID=Smp_020090
SM_V9_1 Liftoff mRNA    26439384        26452470        .       -
        .
ID=Smp_020090.1;Parent=Smp_020090;geneID=Smp_020090;product=Rhomboid
-related protein
2;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR017213,IPR01824
7,IPR022764
Pfam:PF01694;Ontology_term=GO:0004252,GO:0005509,GO:0016021
SM_V9_1 Liftoff exon    26439384        26440688        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26443137        26443235        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26446871        26446961        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26448417        26448517        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26448895        26449171        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26450051        26450290        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26452081        26452227        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26452263        26452286        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff exon    26452325        26452470        .       -
        .       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26440519        26440688        .       -
        2       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26443137        26443235        .       -
        2       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26446871        26446961        .       -
        0       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26448417        26448517        .       -
        2       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26448895        26449171        .       -
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        0       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26450051        26450290        .       -
        0       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26452081        26452227        .       -
        0       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26452263        26452286        .       -
        0       Parent=Smp_020090.1
SM_V9_1 Liftoff CDS     26452325        26452369        .       -
        0       Parent=Smp_020090.1
SM_V9_1 iris    gene    26458384        26475026        .       +
        .
ID=Smp_020080;geneID=Smp_020080;gene_name=Smp_020080;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26458384        26475026        .       +
        .
ID=Smp_020080.1;Parent=Smp_020080;geneID=Smp_020080;gene_name=Smp_02
0080;owner=irisadmin@local.host;orig_id=Smp_020080.1;date_last_modif
ied=2022-08-02;Name=Smp_020080.1;product=Guanine nucleotide-binding
protein G(i) subunit alpha;date_creation=2022-07-27
SM_V9_1 iris    exon    26458384        26458528        .       +
        .       Parent=Smp_020080.1;Name=cb977bd9-50f1-4ad7-
bf19-1f338f4a50a8
SM_V9_1 iris    exon    26458567        26458609        .       +
        .
Parent=Smp_020080.1;Name=df68ee04-4eb4-4b78-9f85-5a733ca76bf6
SM_V9_1 iris    exon    26458645        26458786        .       +
        .       Parent=Smp_020080.1;Name=37cda6cc-76cf-4005-bb2e-
f2897a3f8428
SM_V9_1 iris    exon    26460095        26460252        .       +
        .
Parent=Smp_020080.1;Name=e318c91c-1a5c-4544-807e-1da5e87192b3
SM_V9_1 iris    exon    26460941        26461069        .       +
        .
Parent=Smp_020080.1;Name=4a9ef003-4caa-4a61-9132-197f0121733b
SM_V9_1 iris    exon    26462698        26462827        .       +
        .       Parent=Smp_020080.1;Name=7f1f4e93-2baf-43dd-be8f-
ca616ee50b5e
SM_V9_1 iris    exon    26467074        26467227        .       +
        .       Parent=Smp_020080.1;Name=d7aef934-b948-4cc7-
a338-93fc14be0cff
SM_V9_1 iris    exon    26474048        26475026        .       +
        .       Parent=Smp_020080.1;Name=d19b1c76-01cd-4f00-
a87a-7aa66193790b
SM_V9_1 iris    CDS     26458411        26458528        .       +
        0       Parent=Smp_020080.1
SM_V9_1 iris    CDS     26458567        26458609        .       +
        2       Parent=Smp_020080.1
SM_V9_1 iris    CDS     26458645        26458786        .       +
        1       Parent=Smp_020080.1
SM_V9_1 iris    CDS     26460095        26460252        .       +
        0       Parent=Smp_020080.1
SM_V9_1 iris    CDS     26460941        26461069        .       +
        1       Parent=Smp_020080.1
SM_V9_1 iris    CDS     26462698        26462827        .       +
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        1       Parent=Smp_020080.1
SM_V9_1 iris    CDS     26467074        26467227        .       +
        0       Parent=Smp_020080.1
SM_V9_1 iris    CDS     26474048        26474235        .       +
        2       Parent=Smp_020080.1
SM_V9_1 iris    gene    26492607        26546228        .       -
        .
ID=Smp_020070;geneID=Smp_020070;gene_name=Smp_020070;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26492607        26546228        .       -
        .
ID=Smp_020070.1;Parent=Smp_020070;geneID=Smp_020070;gene_name=Smp_02
0070;owner=irisadmin@local.host;orig_id=Smp_020070.1;date_last_modif
ied=2022-08-02;Name=Smp_020070.1;product=Sporulation-specific
protein 15;date_creation=2022-07-27
SM_V9_1 iris    exon    26492607        26493888        .       -
        .
Parent=Smp_020070.1;Name=5c156838-5e22-49e0-8fb5-8ee0c211094c
SM_V9_1 iris    exon    26501503        26501933        .       -
        .       Parent=Smp_020070.1;Name=05572a26-0acb-4d50-904b-
e6ae64749f0c
SM_V9_1 iris    exon    26502782        26503542        .       -
        .       Parent=Smp_020070.1;Name=f7b10dea-4996-4f1d-bd0c-
a923353d10ed
SM_V9_1 iris    exon    26504773        26505005        .       -
        .       Parent=Smp_020070.1;Name=30951637-df4a-4466-
a34d-8c8dad9be673
SM_V9_1 iris    exon    26509944        26510136        .       -
        .
Parent=Smp_020070.1;Name=c9b3ff6a-95b7-445d-800b-3d7cd28d5fbe
SM_V9_1 iris    exon    26520783        26521398        .       -
        .       Parent=Smp_020070.1;Name=f52751d8-8210-479c-
a6e4-363597cc3516
SM_V9_1 iris    exon    26532859        26533121        .       -
        .       Parent=Smp_020070.1;Name=3070adc7-9bc5-4dc6-9399-
bc66646d67d2
SM_V9_1 iris    exon    26545965        26546228        .       -
        .       Parent=Smp_020070.1;Name=e9c60868-91ae-4d34-8f96-
ab54b8235412
SM_V9_1 iris    CDS     26493808        26493888        .       -
        0       Parent=Smp_020070.1
SM_V9_1 iris    CDS     26501503        26501933        .       -
        2       Parent=Smp_020070.1
SM_V9_1 iris    CDS     26502782        26503542        .       -
        1       Parent=Smp_020070.1
SM_V9_1 iris    CDS     26504773        26505005        .       -
        0       Parent=Smp_020070.1
SM_V9_1 iris    CDS     26509944        26510136        .       -
        1       Parent=Smp_020070.1
SM_V9_1 iris    CDS     26520783        26521398        .       -
        2       Parent=Smp_020070.1
SM_V9_1 iris    CDS     26532859        26533087        .       -
        0       Parent=Smp_020070.1
SM_V9_1 Liftoff gene    26562614        26580748        .       +
```

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        .       ID=Smp_020060;geneID=Smp_020060
SM_V9_1 Liftoff mRNA    26562614        26580748        .       +
        .
ID=Smp_020060.1;Parent=Smp_020060;geneID=Smp_020060;product=NudC
domain-containing protein
1;polypeptide_domain=InterPro:IPR007052,IPR008978
SM_V9_1 Liftoff exon    26562614        26565993        .       +
        .       Parent=Smp_020060.1
SM_V9_1 Liftoff exon    26566032        26566241        .       +
        .       Parent=Smp_020060.1
SM_V9_1 Liftoff exon    26568447        26568651        .       +
        .       Parent=Smp_020060.1
SM_V9_1 Liftoff exon    26570128        26570301        .       +
        .       Parent=Smp_020060.1
SM_V9_1 Liftoff exon    26572394        26572754        .       +
        .       Parent=Smp_020060.1
SM_V9_1 Liftoff exon    26573593        26573866        .       +
        .       Parent=Smp_020060.1
SM_V9_1 Liftoff exon    26580141        26580748        .       +
        .       Parent=Smp_020060.1
SM_V9_1 Liftoff CDS     26565760        26565993        .       +
        0       Parent=Smp_020060.1
SM_V9_1 Liftoff CDS     26566032        26566241        .       +
        0       Parent=Smp_020060.1
SM_V9_1 Liftoff CDS     26568447        26568651        .       +
        0       Parent=Smp_020060.1
SM_V9_1 Liftoff CDS     26570128        26570301        .       +
        2       Parent=Smp_020060.1
SM_V9_1 Liftoff CDS     26572394        26572754        .       +
        2       Parent=Smp_020060.1
SM_V9_1 Liftoff CDS     26573593        26573866        .       +
        1       Parent=Smp_020060.1
SM_V9_1 Liftoff CDS     26580141        26580665        .       +
        0       Parent=Smp_020060.1
SM_V9_1 Liftoff gene    26580753        26585000        .       -
        .       ID=Smp_020050;geneID=Smp_020050
SM_V9_1 Liftoff mRNA    26580753        26585000        .       -
        .
ID=Smp_020050.1;Parent=Smp_020050;geneID=Smp_020050;product=COP9
signalosome complex subunit 2
(Fragment);polypeptide_domain=InterPro:IPR000717,IPR011990,IPR011991
Pfam:PF01399;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    26580753        26581495        .       -
        .       Parent=Smp_020050.1
SM_V9_1 Liftoff exon    26582397        26585000        .       -
        .       Parent=Smp_020050.1
SM_V9_1 Liftoff CDS     26581046        26581495        .       -
        0       Parent=Smp_020050.1
SM_V9_1 Liftoff CDS     26582397        26583284        .       -
        0       Parent=Smp_020050.1
SM_V9_1 iris    gene    26585124        26599449        .       +
        .
ID=Smp_020040;geneID=Smp_020040;gene_name=Smp_020040;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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SM_V9_1 iris    mRNA    26585124        26599449        .       +
       .
ID=Smp_020040.1;Parent=Smp_020040;geneID=Smp_020040;gene_name=Smp_02
0040;owner=irisadmin@local.host;orig_id=Smp_020040.1;date_last_modif
ied=2022-08-02;Name=Smp_020040.1;product=Protein phosphatase
1A;date_creation=2022-07-27
SM_V9_1 iris    exon    26585124        26585260        .       +
       .       Parent=Smp_020040.1;Name=a2c50f3b-
b9a8-470b-9772-4fe95d357326
SM_V9_1 iris    exon    26587981        26588228        .       +
       .
Parent=Smp_020040.1;Name=6f42629a-91ed-47e7-9cbb-2480df54f6d2
SM_V9_1 iris    exon    26588269        26588615        .       +
       .       Parent=Smp_020040.1;Name=d1402d4e-185c-443a-aa0b-
f57669cb252b
SM_V9_1 iris    exon    26590940        26591189        .       +
       .       Parent=Smp_020040.1;Name=e1c2438b-fe7e-48b4-8360-
b6480132e0b0
SM_V9_1 iris    exon    26592720        26592837        .       +
       .       Parent=Smp_020040.1;Name=0c6e8ad2-0566-4847-
befc-5131bbf34388
SM_V9_1 iris    exon    26593765        26593876        .       +
       .       Parent=Smp_020040.1;Name=4e51ef93-538a-478f-8f0e-
a1aff9e0d10f
SM_V9_1 iris    exon    26596788        26596835        .       +
       .       Parent=Smp_020040.1;Name=847127a7-b24f-46c2-
afbb-31ca60e188b2
SM_V9_1 iris    exon    26598904        26599449        .       +
       .       Parent=Smp_020040.1;Name=8b32b3cb-275b-4c4e-be21-
eda073317563
SM_V9_1 iris    CDS     26587998        26588228        .       +
       0       Parent=Smp_020040.1
SM_V9_1 iris    CDS     26588269        26588615        .       +
       0       Parent=Smp_020040.1
SM_V9_1 iris    CDS     26590940        26591189        .       +
       1       Parent=Smp_020040.1
SM_V9_1 iris    CDS     26592720        26592837        .       +
       0       Parent=Smp_020040.1
SM_V9_1 iris    CDS     26593765        26593876        .       +
       2       Parent=Smp_020040.1
SM_V9_1 iris    CDS     26596788        26596835        .       +
       1       Parent=Smp_020040.1
SM_V9_1 iris    CDS     26598904        26598940        .       +
       1       Parent=Smp_020040.1
SM_V9_1 iris    gene    26610159        26656912        .       +
       .
ID=Smp_133050;geneID=Smp_133050;gene_name=Smp_133050;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26610159        26656912        .       +
       .
ID=Smp_133050.1;Parent=Smp_133050;geneID=Smp_133050;gene_name=Smp_13
3050;owner=irisadmin@local.host;orig_id=Smp_133050.1;date_last_modif
ied=2022-08-02;Name=Smp_133050.1;product=Double zinc ribbon and
ankyrin repeat-containing protein 1;date_creation=2022-07-27
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SM_V9_1 iris    exon    26610159        26611765        .       +
        .       Parent=Smp_133050.1;Name=6774989c-d694-4d22-
a1d6-7e709c46d424
SM_V9_1 iris    exon    26613730        26613880        .       +
        .       Parent=Smp_133050.1;Name=04c744f8-3561-48a3-
a5ff-597d3c27bb1c
SM_V9_1 iris    exon    26615530        26615653        .       +
        .       Parent=Smp_133050.1;Name=b66b3f12-9933-440a-
b607-23c2d4534aef
SM_V9_1 iris    exon    26617552        26617613        .       +
        .
Parent=Smp_133050.1;Name=f8624605-46ae-4ae9-89c8-53e285c23e37
SM_V9_1 iris    exon    26622270        26622361        .       +
        .       Parent=Smp_133050.1;Name=2d2ccbec-36eb-4a44-
aa57-830c0ed592f3
SM_V9_1 iris    exon    26625654        26625855        .       +
        .       Parent=Smp_133050.1;Name=d6bedbbb-49e1-4077-
ae0d-255fbc29bc70
SM_V9_1 iris    exon    26628045        26628612        .       +
        .       Parent=Smp_133050.1;Name=9ef660ed-30ed-4a38-a616-
f8f6c60747fb
SM_V9_1 iris    exon    26629860        26630084        .       +
        .       Parent=Smp_133050.1;Name=ebe55817-e155-4c7b-9264-
ea574a30f653
SM_V9_1 iris    exon    26634435        26634538        .       +
        .
Parent=Smp_133050.1;Name=2aaa2316-5456-4ec9-9831-10ca1cf6423f
SM_V9_1 iris    exon    26639928        26640330        .       +
        .       Parent=Smp_133050.1;Name=7877d8c6-eb7d-4890-
b1b9-58fb9726f525
SM_V9_1 iris    exon    26642035        26642255        .       +
        .       Parent=Smp_133050.1;Name=b8afc144-3184-43a0-a403-
d043a1038fb3
SM_V9_1 iris    exon    26644065        26644142        .       +
        .       Parent=Smp_133050.1;Name=453524c0-06cd-47ba-
aab9-9d2c6cbf7f9d
SM_V9_1 iris    exon    26649235        26649362        .       +
        .       Parent=Smp_133050.1;Name=119ab63a-1235-4ba2-a174-
d0c405800118
SM_V9_1 iris    exon    26655445        26655519        .       +
        .       Parent=Smp_133050.1;Name=8ae68de1-8d38-4c11-a867-
d97967795db1
SM_V9_1 iris    exon    26656563        26656912        .       +
        .       Parent=Smp_133050.1;Name=f1a6bc30-c4f6-490b-
b239-3af7eee49aa7
SM_V9_1 iris    CDS     26611500        26611765        .       +
        0       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26613730        26613880        .       +
        1       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26615530        26615653        .       +
        0       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26617552        26617613        .       +
        2       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26622270        26622361        .       +
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        0       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26625654        26625855        .       +
        1       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26628045        26628612        .       +
        0       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26629860        26630084        .       +
        2       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26634435        26634538        .       +
        2       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26639928        26640330        .       +
        0       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26642035        26642255        .       +
        2       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26644065        26644142        .       +
        0       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26649235        26649362        .       +
        0       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26655445        26655519        .       +
        1       Parent=Smp_133050.1
SM_V9_1 iris    CDS     26656563        26656755        .       +
        1       Parent=Smp_133050.1
SM_V9_1 iris    gene    26662243        26665469        .       -
        .
ID=Smp_019990;geneID=Smp_019990;gene_name=Smp_019990;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26662243        26665469        .       -
        .
ID=Smp_019990.1;Parent=Smp_019990;geneID=Smp_019990;gene_name=Smp_01
9990;owner=irisadmin@local.host;orig_id=Smp_019990.1;date_last_modif
ied=2022-08-02;Name=Smp_019990.1;product=Clathrin adaptor complex
small subunit-like protein;date_creation=2022-07-27
SM_V9_1 iris    exon    26662243        26662580        .       -
        .       Parent=Smp_019990.1;Name=90db7d5f-d628-4f6c-
b883-61550a2c3b7d
SM_V9_1 iris    exon    26662618        26662755        .       -
        .       Parent=Smp_019990.1;Name=a40a7878-f8da-415f-87d9-
b03f92045588
SM_V9_1 iris    exon    26662789        26662897        .       -
        .
Parent=Smp_019990.1;Name=3f187193-6239-486e-8d1e-985117dd6bd3
SM_V9_1 iris    exon    26662938        26663116        .       -
        .
Parent=Smp_019990.1;Name=1c3f76b4-110d-4b94-9cdf-9caab736c0c0
SM_V9_1 iris    exon    26663156        26663232        .       -
        .       Parent=Smp_019990.1;Name=87ca5c2c-1995-4b66-ae22-
f02f1e15a346
SM_V9_1 iris    exon    26665380        26665469        .       -
        .       Parent=Smp_019990.1;Name=7eb06f2d-6095-4f65-9a48-
a92e55d51f79
SM_V9_1 iris    CDS     26662536        26662580        .       -
        0       Parent=Smp_019990.1
SM_V9_1 iris    CDS     26662618        26662755        .       -
        0       Parent=Smp_019990.1
SM_V9_1 iris    CDS     26662789        26662897        .       -
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        1       Parent=Smp_019990.1
SM_V9_1 iris    CDS     26662938        26663116        .       -
        0       Parent=Smp_019990.1
SM_V9_1 iris    CDS     26663156        26663158        .       -
        0       Parent=Smp_019990.1
SM_V9_1 Liftoff gene    26670952        26685848        .       -
        .       ID=Smp_019980;geneID=Smp_019980
SM_V9_1 Liftoff mRNA    26670952        26685848        .       -
        .
ID=Smp_019980.1;Parent=Smp_019980;geneID=Smp_019980;product=Vacuole
membrane protein 1
SM_V9_1 Liftoff exon    26670952        26671657        .       -
        .       Parent=Smp_019980.1
SM_V9_1 Liftoff exon    26673530        26673623        .       -
        .       Parent=Smp_019980.1
SM_V9_1 Liftoff exon    26678010        26678188        .       -
        .       Parent=Smp_019980.1
SM_V9_1 Liftoff exon    26683922        26684149        .       -
        .       Parent=Smp_019980.1
SM_V9_1 Liftoff exon    26685129        26685296        .       -
        .       Parent=Smp_019980.1
SM_V9_1 Liftoff exon    26685335        26685445        .       -
        .       Parent=Smp_019980.1
SM_V9_1 Liftoff exon    26685478        26685848        .       -
        .       Parent=Smp_019980.1
SM_V9_1 Liftoff CDS     26671499        26671657        .       -
        0       Parent=Smp_019980.1
SM_V9_1 Liftoff CDS     26673530        26673623        .       -
        1       Parent=Smp_019980.1
SM_V9_1 Liftoff CDS     26678010        26678188        .       -
        0       Parent=Smp_019980.1
SM_V9_1 Liftoff CDS     26683922        26684149        .       -
        0       Parent=Smp_019980.1
SM_V9_1 Liftoff CDS     26685129        26685296        .       -
        0       Parent=Smp_019980.1
SM_V9_1 Liftoff CDS     26685335        26685445        .       -
        0       Parent=Smp_019980.1
SM_V9_1 Liftoff CDS     26685478        26685741        .       -
        0       Parent=Smp_019980.1
SM_V9_1 Liftoff gene    26701939        26709973        .       +
        .
ID=Smp_309860;geneID=Smp_309860;previous_systematic_id=Smp_019860,Sm
p_246220
SM_V9_1 Liftoff mRNA    26701939        26709973        .       +
        .
ID=Smp_309860.1;Parent=Smp_309860;geneID=Smp_309860;product=Ankyrin
repeat family A protein
2;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF00023,PF12796;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    26701939        26706908        .       +
        .       Parent=Smp_309860.1
SM_V9_1 Liftoff exon    26709395        26709973        .       +
        .       Parent=Smp_309860.1
SM_V9_1 Liftoff CDS     26706660        26706908        .       +
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        0       Parent=Smp_309860.1
SM_V9_1 Liftoff CDS     26709395        26709787        .       +
        0       Parent=Smp_309860.1
SM_V9_1 Liftoff gene    26713857        26715015        .       -
        .       ID=Smp_019880;geneID=Smp_019880
SM_V9_1 Liftoff mRNA    26713857        26715015        .       -
        .
ID=Smp_019880.1;Parent=Smp_019880;geneID=Smp_019880;product=Derlin-2
;polypeptide_domain=InterPro:IPR022764
Pfam:PF04511;Ontology_term=GO:0004252,GO:0016021
SM_V9_1 Liftoff exon    26713857        26714172        .       -
        .       Parent=Smp_019880.1
SM_V9_1 Liftoff exon    26714216        26714306        .       -
        .       Parent=Smp_019880.1
SM_V9_1 Liftoff exon    26714337        26714532        .       -
        .       Parent=Smp_019880.1
SM_V9_1 Liftoff exon    26714564        26714731        .       -
        .       Parent=Smp_019880.1
SM_V9_1 Liftoff exon    26714770        26714835        .       -
        .       Parent=Smp_019880.1
SM_V9_1 Liftoff exon    26714873        26715015        .       -
        .       Parent=Smp_019880.1
SM_V9_1 Liftoff CDS     26714076        26714172        .       -
        1       Parent=Smp_019880.1
SM_V9_1 Liftoff CDS     26714216        26714306        .       -
        2       Parent=Smp_019880.1
SM_V9_1 Liftoff CDS     26714337        26714532        .       -
        0       Parent=Smp_019880.1
SM_V9_1 Liftoff CDS     26714564        26714731        .       -
        0       Parent=Smp_019880.1
SM_V9_1 Liftoff CDS     26714770        26714835        .       -
        0       Parent=Smp_019880.1
SM_V9_1 Liftoff CDS     26714873        26714959        .       -
        0       Parent=Smp_019880.1
SM_V9_1 iris    gene    26715107        26747953        .       +
        .
ID=Smp_019890;geneID=Smp_019890;gene_name=Smp_019890;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26715107        26728499        .       +
        .
ID=Smp_019890.2;Parent=Smp_019890;geneID=Smp_019890;gene_name=Smp_01
9890;owner=irisadmin@local.host;orig_id=Smp_019890.2;date_last_modif
ied=2022-08-02;Name=Smp_019890.2;product=Syntaxin;date_creation=2022
-07-27
SM_V9_1 iris    exon    26715107        26715178        .       +
        .       Parent=Smp_019890.2;Name=9a98c934-d43c-47b2-b265-
b8c6a4577f57
SM_V9_1 iris    exon    26715213        26715396        .       +
        .       Parent=Smp_019890.2;Name=8513b29b-
e11b-4bf2-8fa0-0245c6cbd605
SM_V9_1 iris    exon    26715433        26715507        .       +
        .
Parent=Smp_019890.2;Name=08b412e0-9022-4f3f-9d10-546af6f9b1d4
SM_V9_1 iris    exon    26715538        26715611        .       +
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        .
Parent=Smp_019890.2;Name=004521d7-462a-4476-94d4-838b36eeacae
SM_V9_1 iris    exon    26715646        26715754        .       +
        .       Parent=Smp_019890.2;Name=2aff2f73-eac9-48e2-9f5a-
a964154be2fe
SM_V9_1 iris    exon    26718503        26718576        .       +
        .       Parent=Smp_019890.2;Name=ab19298a-3d86-4856-9c9d-
b6104d54d46e
SM_V9_1 iris    exon    26725413        26725550        .       +
        .       Parent=Smp_019890.2;Name=32659c05-3790-4f36-
bf8d-7ca069b911f0
SM_V9_1 iris    exon    26727919        26728499        .       +
        .       Parent=Smp_019890.2;Name=c1f6ce62-
e052-4d19-8099-0d64fe684546
SM_V9_1 iris    CDS     26715146        26715178        .       +
        0       Parent=Smp_019890.2
SM_V9_1 iris    CDS     26715213        26715396        .       +
        0       Parent=Smp_019890.2
SM_V9_1 iris    CDS     26715433        26715507        .       +
        2       Parent=Smp_019890.2
SM_V9_1 iris    CDS     26715538        26715611        .       +
        2       Parent=Smp_019890.2
SM_V9_1 iris    CDS     26715646        26715754        .       +
        0       Parent=Smp_019890.2
SM_V9_1 iris    CDS     26718503        26718576        .       +
        2       Parent=Smp_019890.2
SM_V9_1 iris    CDS     26725413        26725550        .       +
        0       Parent=Smp_019890.2
SM_V9_1 iris    CDS     26727919        26728140        .       +
        0       Parent=Smp_019890.2
SM_V9_1 iris    mRNA    26715107        26747953        .       +
        .
ID=Smp_019890.1;Parent=Smp_019890;geneID=Smp_019890;gene_name=Smp_01
9890;owner=irisadmin@local.host;orig_id=Smp_019890.1;date_last_modif
ied=2022-08-02;Name=Smp_019890.1;product=Syntaxin;date_creation=2022
-07-27
SM_V9_1 iris    exon    26715107        26715178        .       +
        .       Parent=Smp_019890.1;Name=63900459-3996-4ee6-
a691-147f9fce79c5
SM_V9_1 iris    exon    26715213        26715396        .       +
        .       Parent=Smp_019890.1;Name=8abd0c0e-cd15-4993-
a12c-402b26ea4a23
SM_V9_1 iris    exon    26715433        26715507        .       +
        .       Parent=Smp_019890.1;Name=df7cee0b-a2c4-421a-8c0f-
f9c45aad8133
SM_V9_1 iris    exon    26715538        26715611        .       +
        .       Parent=Smp_019890.1;Name=a3a7c5b8-8f66-415f-
bfe4-9fba9a483083
SM_V9_1 iris    exon    26715646        26715754        .       +
        .       Parent=Smp_019890.1;Name=bea278c2-0e90-4d03-a2f0-
ca7d6c9531ee
SM_V9_1 iris    exon    26718503        26718576        .       +
        .       Parent=Smp_019890.1;Name=9e315add-b17c-42f2-82fc-
d42727822843
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SM_V9_1 iris    exon    26725413        26725550        .       +
        .       Parent=Smp_019890.1;Name=8cd3cbde-31d7-496b-
be2a-90d3e7ae09e0
SM_V9_1 iris    exon    26727919        26728029        .       +
        .       Parent=Smp_019890.1;Name=88888080-
edbb-4182-8221-5098e0ef049e
SM_V9_1 iris    exon    26746064        26747953        .       +
        .       Parent=Smp_019890.1;Name=8d2e90f2-4cde-4bc4-
a66f-7977515329e7
SM_V9_1 iris    CDS     26715146        26715178        .       +
        0       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26715213        26715396        .       +
        0       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26715433        26715507        .       +
        2       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26715538        26715611        .       +
        2       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26715646        26715754        .       +
        0       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26718503        26718576        .       +
        2       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26725413        26725550        .       +
        0       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26727919        26728029        .       +
        0       Parent=Smp_019890.1
SM_V9_1 iris    CDS     26746064        26746147        .       +
        0       Parent=Smp_019890.1
SM_V9_1 Liftoff gene    26764150        26778075        .       -
        .       ID=Smp_019900;geneID=Smp_019900
SM_V9_1 Liftoff mRNA    26764150        26778075        .       -
        .
ID=Smp_019900.1;Parent=Smp_019900;geneID=Smp_019900;product=Fasciculation and elongation protein
zeta-1;polypeptide_domain=InterPro:IPR011680 Pfam:PF07763
SM_V9_1 Liftoff exon    26764150        26765249        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26767744        26767891        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26772671        26772988        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26773006        26773190        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26774006        26774353        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26775537        26775642        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26775678        26775833        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26775869        26775980        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff exon    26776019        26778075        .       -
        .       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26765206        26765249        .       -
        2       Parent=Smp_019900.1
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SM_V9_1 Liftoff CDS     26767744        26767891        .       -
        0       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26772671        26772988        .       -
        0       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26773006        26773190        .       -
        2       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26774006        26774353        .       -
        2       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26775537        26775642        .       -
        0       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26775678        26775833        .       -
        0       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26775869        26775980        .       -
        1       Parent=Smp_019900.1
SM_V9_1 Liftoff CDS     26776019        26776140        .       -
        0       Parent=Smp_019900.1
SM_V9_1 iris    gene    26783609        26806573        .       +
        .
ID=Smp_133020;geneID=Smp_133020;gene_name=Smp_133020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26783609        26806573        .       +
        .
ID=Smp_133020.1;Parent=Smp_133020;geneID=Smp_133020;gene_name=Smp_13
3020;owner=irisadmin@local.host;orig_id=Smp_133020.1;date_last_modif
ied=2022-08-02;Name=Smp_133020.1;product=Mitogen-activated protein
kinase 14;date_creation=2022-07-27
SM_V9_1 iris    exon    26783609        26783703        .       +
        .       Parent=Smp_133020.1;Name=4ebae416-a3cc-4c7f-aa71-
fc18d5738770
SM_V9_1 iris    exon    26783791        26783878        .       +
        .
Parent=Smp_133020.1;Name=058a326c-20d1-4930-9f90-71759a399ae0
SM_V9_1 iris    exon    26785955        26786083        .       +
        .       Parent=Smp_133020.1;Name=fe2fcf9f-40cd-4d95-b2d3-
a5af79d0323b
SM_V9_1 iris    exon    26788179        26788308        .       +
        .       Parent=Smp_133020.1;Name=bf9d92d0-2212-48cd-a2e1-
c9a90185b69d
SM_V9_1 iris    exon    26789500        26789558        .       +
        .       Parent=Smp_133020.1;Name=f05a422b-e43b-4ed1-
a45b-3dabe31a728d
SM_V9_1 iris    exon    26790957        26791068        .       +
        .       Parent=Smp_133020.1;Name=355f4525-50b5-4443-a27a-
e7d7c0f8b53a
SM_V9_1 iris    exon    26792552        26792744        .       +
        .       Parent=Smp_133020.1;Name=54593512-45ab-4b1a-
bf65-9ed465e60b08
SM_V9_1 iris    exon    26794041        26794192        .       +
        .       Parent=Smp_133020.1;Name=51797d13-1c80-4574-
acbb-5353ca1a8571
SM_V9_1 iris    exon    26803105        26803183        .       +
        .       Parent=Smp_133020.1;Name=1678b19a-724f-4216-
be52-20794de52c37
SM_V9_1 iris    exon    26804847        26805023        .       +
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        .       Parent=Smp_133020.1;Name=24304ef0-49d9-4bfc-
a002-97553663d302
SM_V9_1 iris    exon    26805740        26806573        .       +
        .       Parent=Smp_133020.1;Name=ac7fe7c7-daf5-480e-945a-
f209bf5f560d
SM_V9_1 iris    CDS     26785959        26786083        .       +
        0       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26788179        26788308        .       +
        1       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26789500        26789558        .       +
        0       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26790957        26791068        .       +
        1       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26792552        26792744        .       +
        0       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26794041        26794192        .       +
        2       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26803105        26803183        .       +
        0       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26804847        26805023        .       +
        2       Parent=Smp_133020.1
SM_V9_1 iris    CDS     26805740        26805825        .       +
        2       Parent=Smp_133020.1
SM_V9_1 iris    gene    26813459        26821225        .       +
        .
ID=Smp_019920;geneID=Smp_019920;gene_name=Smp_019920;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26813459        26821225        .       +
        .
ID=Smp_019920.1;Parent=Smp_019920;geneID=Smp_019920;gene_name=Smp_01
9920;owner=irisadmin@local.host;orig_id=Smp_019920.1;date_last_modif
ied=2022-08-02;Name=Smp_019920.1;product=Probable cytosolic iron-
sulfur protein assembly protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    26813459        26813521        .       +
        .
Parent=Smp_019920.1;Name=f405bb56-6e4d-4772-80bd-77e5a523c303
SM_V9_1 iris    exon    26816080        26816142        .       +
        .       Parent=Smp_019920.1;Name=d091c553-
b708-4111-87ef-47cc03328ab5
SM_V9_1 iris    exon    26817588        26817620        .       +
        .
Parent=Smp_019920.1;Name=646e2342-81a5-467f-82f1-9bdfd620f846
SM_V9_1 iris    exon    26817673        26817784        .       +
        .       Parent=Smp_019920.1;Name=1122d1b5-6d06-42c9-80eb-
d1bb80cf0164
SM_V9_1 iris    exon    26818838        26819041        .       +
        .       Parent=Smp_019920.1;Name=c7d22f3c-f773-4e76-
b6bd-8e8faa154507
SM_V9_1 iris    exon    26820416        26821225        .       +
        .       Parent=Smp_019920.1;Name=09999a07-c9aa-459c-98ad-
d53eeb7faa2b
SM_V9_1 iris    CDS     26813505        26813521        .       +
        0       Parent=Smp_019920.1
SM_V9_1 iris    CDS     26816080        26816142        .       +
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        1       Parent=Smp_019920.1
SM_V9_1 iris    CDS     26817588        26817620        .       +
        1       Parent=Smp_019920.1
SM_V9_1 iris    CDS     26817673        26817784        .       +
        1       Parent=Smp_019920.1
SM_V9_1 iris    CDS     26818838        26819041        .       +
        0       Parent=Smp_019920.1
SM_V9_1 iris    CDS     26820416        26820547        .       +
        0       Parent=Smp_019920.1
SM_V9_1 Liftoff gene    26826701        26837940        .       +
        .       ID=Smp_133030;geneID=Smp_133030
SM_V9_1 Liftoff mRNA    26826701        26837940        .       +
        .
ID=Smp_133030.1;Parent=Smp_133030;geneID=Smp_133030;product=Interfer
ence hedgehog;polypeptide_domain=InterPro:IPR020683
SM_V9_1 Liftoff exon    26826701        26827024        .       +
        .       Parent=Smp_133030.1
SM_V9_1 Liftoff exon    26830613        26830873        .       +
        .       Parent=Smp_133030.1
SM_V9_1 Liftoff exon    26833954        26834118        .       +
        .       Parent=Smp_133030.1
SM_V9_1 Liftoff exon    26837739        26837940        .       +
        .       Parent=Smp_133030.1
SM_V9_1 Liftoff CDS     26826791        26827024        .       +
        0       Parent=Smp_133030.1
SM_V9_1 Liftoff CDS     26830613        26830873        .       +
        0       Parent=Smp_133030.1
SM_V9_1 Liftoff CDS     26833954        26834118        .       +
        0       Parent=Smp_133030.1
SM_V9_1 Liftoff CDS     26837739        26837789        .       +
        0       Parent=Smp_133030.1
SM_V9_1 Liftoff gene    26839184        26902843        .       -
        .
ID=Smp_311150;geneID=Smp_311150;previous_systematic_id=Smp_019940
SM_V9_1 Liftoff mRNA    26839184        26902843        .       -
        .
ID=Smp_311150.1;Parent=Smp_311150;geneID=Smp_311150;product=GATOR
complex protein
WDR59;polypeptide_domain=InterPro:IPR001496,IPR020683
Pfam:PF07525;Ontology_term=GO:0035556
SM_V9_1 Liftoff exon    26839184        26839587        .       -
        .       Parent=Smp_311150.1
SM_V9_1 Liftoff exon    26896858        26897263        .       -
        .       Parent=Smp_311150.1
SM_V9_1 Liftoff exon    26899822        26900076        .       -
        .       Parent=Smp_311150.1
SM_V9_1 Liftoff exon    26902649        26902843        .       -
        .       Parent=Smp_311150.1
SM_V9_1 Liftoff CDS     26839361        26839587        .       -
        2       Parent=Smp_311150.1
SM_V9_1 Liftoff CDS     26896858        26897263        .       -
        0       Parent=Smp_311150.1
SM_V9_1 Liftoff CDS     26899822        26900076        .       -
        0       Parent=Smp_311150.1
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SM_V9_1 Liftoff CDS     26902649        26902825        .       -
        0       Parent=Smp_311150.1
SM_V9_1 Liftoff gene    26839186        26849155        .       -
        .
ID=Smp_311940;geneID=Smp_311940;previous_systematic_id=Smp_019940
SM_V9_1 Liftoff mRNA    26839186        26849155        .       -
        .
ID=Smp_311940.1;Parent=Smp_311940;geneID=Smp_311940;product=GATOR
complex protein
WDR59;polypeptide_domain=InterPro:IPR001496,IPR020683
Pfam:PF07525;Ontology_term=GO:0035556
SM_V9_1 Liftoff exon    26839186        26839587        .       -
        .       Parent=Smp_311940.1
SM_V9_1 Liftoff exon    26842298        26842703        .       -
        .       Parent=Smp_311940.1
SM_V9_1 Liftoff exon    26845262        26845516        .       -
        .       Parent=Smp_311940.1
SM_V9_1 Liftoff exon    26848089        26849155        .       -
        .       Parent=Smp_311940.1
SM_V9_1 Liftoff CDS     26839361        26839587        .       -
        2       Parent=Smp_311940.1
SM_V9_1 Liftoff CDS     26842298        26842703        .       -
        0       Parent=Smp_311940.1
SM_V9_1 Liftoff CDS     26845262        26845516        .       -
        0       Parent=Smp_311940.1
SM_V9_1 Liftoff CDS     26848089        26848265        .       -
        0       Parent=Smp_311940.1
SM_V9_1 Liftoff gene    26879309        26885492        .       +
        .       ID=Smp_246230;geneID=Smp_246230
SM_V9_1 Liftoff mRNA    26879309        26885492        .       +
        .
ID=Smp_246230.1;Parent=Smp_246230;geneID=Smp_246230;product=quinolin
ate phosphoribosyl transferase, putative;evidence=Inferred from
Sequence or structural
Similarity;polypeptide_domain=InterPro:IPR002638,IPR013785,IPR022412
Pfam:PF01729,PF02749;Ontology_term=GO:0003824,GO:0004514,GO:0009435,
GO:0016763
SM_V9_1 Liftoff exon    26879309        26879492        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26879525        26879732        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26879767        26879941        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26879975        26880100        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26880135        26880381        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26882166        26882217        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26882797        26882998        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26884196        26884641        .       +
        .       Parent=Smp_246230.1
SM_V9_1 Liftoff exon    26885305        26885492        .       +
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        .       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26879351        26879492        .       +
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SM_V9_1 Liftoff CDS     26879525        26879732        .       +
        2       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26879767        26879941        .       +
        1       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26879975        26880100        .       +
        0       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26880135        26880381        .       +
        0       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26882166        26882217        .       +
        2       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26882797        26882998        .       +
        1       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26884196        26884641        .       +
        0       Parent=Smp_246230.1
SM_V9_1 Liftoff CDS     26885305        26885371        .       +
        1       Parent=Smp_246230.1
SM_V9_1 Liftoff gene    26886211        26890321        .       -
        .       ID=Smp_200380;geneID=Smp_200380
SM_V9_1 Liftoff mRNA    26886211        26890321        .       -
        .
ID=Smp_200380.1;Parent=Smp_200380;geneID=Smp_200380;product=Zinc
finger protein
280B;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    26886211        26890321        .       -
        .       Parent=Smp_200380.1
SM_V9_1 Liftoff CDS     26886223        26887620        .       -
        0       Parent=Smp_200380.1
SM_V9_1 iris    gene    26908032        26921507        .       +
        .
ID=Smp_019950;geneID=Smp_019950;gene_name=Smp_019950;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    26908032        26921507        .       +
        .
ID=Smp_019950.1;Parent=Smp_019950;geneID=Smp_019950;gene_name=Smp_01
9950;owner=irisadmin@local.host;orig_id=Smp_019950.1;date_last_modif
ied=2022-08-02;Name=Smp_019950.1;product=Protein phosphatase 1
regulatory subunit 14B;date_creation=2022-07-27
SM_V9_1 iris    exon    26908032        26908306        .       +
        .       Parent=Smp_019950.1;Name=c9c3130d-
b1ba-44fe-8c2a-8dac8f51332f
SM_V9_1 iris    exon    26908343        26908423        .       +
        .       Parent=Smp_019950.1;Name=f8c35deb-b772-4422-a2a0-
c8112d97ee53
SM_V9_1 iris    exon    26908464        26908505        .       +
        .       Parent=Smp_019950.1;Name=15cef9c5-d2ab-413d-9670-
f52c0f638a17
SM_V9_1 iris    exon    26920704        26921507        .       +
        .
Parent=Smp_019950.1;Name=ebdbd9c8-500e-4d43-81c4-95d372e442e8
SM_V9_1 iris    CDS     26908052        26908306        .       +
        0       Parent=Smp_019950.1
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SM_V9_1 iris    CDS     26908343        26908423        .       +
        0       Parent=Smp_019950.1
SM_V9_1 iris    CDS     26908464        26908505        .       +
        0       Parent=Smp_019950.1
SM_V9_1 iris    CDS     26920704        26920739        .       +
        0       Parent=Smp_019950.1
SM_V9_1 iris    gene    26974995        27023135        .       -
        .
ID=Smp_342750;geneID=Smp_342750;gene_name=Smp_342750;owner=irisadmin
@local.host;date_last_modified=2022-11-09;date_creation=2022-11-09
SM_V9_1 iris    mRNA    26974995        27023135        .       -
        .
ID=Smp_342750.1;Parent=Smp_342750;geneID=Smp_342750;gene_name=Smp_34
2750;owner=irisadmin@local.host;orig_id=Smp_342750.1;date_last_modif
ied=2022-11-09;Name=Smp_342750.1;product=General transcription
factor 3C polypeptide 1;date_creation=2022-11-09
SM_V9_1 iris    exon    26974995        26975832        .       -
        .       Parent=Smp_342750.1;Name=839c5eb7-ad92-44ff-ac18-
d7c0402c518a
SM_V9_1 iris    exon    26979375        26979468        .       -
        .       Parent=Smp_342750.1;Name=d25684fe-e982-47a4-
aeb5-812fa66071bf
SM_V9_1 iris    exon    26981706        26981976        .       -
        .
Parent=Smp_342750.1;Name=6e02c3b6-6bd5-428d-8121-9b73d5e9abcb
SM_V9_1 iris    exon    26982274        26982446        .       -
        .       Parent=Smp_342750.1;Name=dae90146-7e05-41f4-
a70c-4de822c3c1fb
SM_V9_1 iris    exon    26982635        26982697        .       -
        .
Parent=Smp_342750.1;Name=21ead61c-65a7-4421-8579-05afe26b3645
SM_V9_1 iris    exon    26983659        26983691        .       -
        .       Parent=Smp_342750.1;Name=20bc8510-
e8e5-4b1b-8dae-4b711e0eda66
SM_V9_1 iris    exon    26983694        26984157        .       -
        .       Parent=Smp_342750.1;Name=198bf558-2ad8-4d33-
a1de-00b106f8f699
SM_V9_1 iris    exon    26984981        26985050        .       -
        .       Parent=Smp_342750.1;Name=d362ec92-92b3-442c-9eec-
f254bd269746
SM_V9_1 iris    exon    26986487        26986784        .       -
        .
Parent=Smp_342750.1;Name=4e35592e-0e49-43a5-8032-08a7513282f8
SM_V9_1 iris    exon    26987447        26987499        .       -
        .       Parent=Smp_342750.1;Name=e6c11c03-1ab6-4574-
b300-288c09a0e343
SM_V9_1 iris    exon    26988856        26989017        .       -
        .
Parent=Smp_342750.1;Name=7ecf17bf-2e96-4f5a-967b-7a05e8f2fc76
SM_V9_1 iris    exon    26990393        26990595        .       -
        .
Parent=Smp_342750.1;Name=2608c273-9413-49d3-899e-7d7c546eba74
SM_V9_1 iris    exon    26990820        26990964        .       -
        .       Parent=Smp_342750.1;Name=75829fe8-25ac-43ea-
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af83-1037e23cef2b
SM_V9_1 iris    exon    26991863        26991994        .       -
        .       Parent=Smp_342750.1;Name=43a7caf0-4691-4b0f-922c-
d7bf0ed6a9cf
SM_V9_1 iris    exon    26993368        26993478        .       -
        .
Parent=Smp_342750.1;Name=a0800cb2-713c-4948-8295-1353aff87c2c
SM_V9_1 iris    exon    26994220        26994275        .       -
        .       Parent=Smp_342750.1;Name=6d584d9e-0c83-4136-
bb28-8cfc7c68d556
SM_V9_1 iris    exon    26995541        26995570        .       -
        .       Parent=Smp_342750.1;Name=d8385b04-1081-491a-b6a3-
fcf2df75d8ce
SM_V9_1 iris    exon    26997009        26997050        .       -
        .       Parent=Smp_342750.1;Name=f758cacf-
d8d2-45f7-8205-11c2786ef9dd
SM_V9_1 iris    exon    26997647        26998006        .       -
        .       Parent=Smp_342750.1;Name=f7699971-2bf8-43be-adc5-
b2752f0fdee5
SM_V9_1 iris    exon    26999001        26999372        .       -
        .       Parent=Smp_342750.1;Name=0fe21756-3241-4c82-
b50d-5a8f0acfbfb6
SM_V9_1 iris    exon    27000291        27000468        .       -
        .       Parent=Smp_342750.1;Name=5aae6f76-
e157-49d6-9b2e-06dae09d9751
SM_V9_1 iris    exon    27002098        27002504        .       -
        .       Parent=Smp_342750.1;Name=ee42e51e-5b62-4f82-
b7bc-213e099d96c0
SM_V9_1 iris    exon    27005859        27005934        .       -
        .       Parent=Smp_342750.1;Name=87127266-
a597-4cd1-937e-899fadf0e499
SM_V9_1 iris    exon    27007253        27007378        .       -
        .       Parent=Smp_342750.1;Name=db93df76-42c6-4500-8c72-
a59459bb7e43
SM_V9_1 iris    exon    27008539        27008718        .       -
        .       Parent=Smp_342750.1;Name=ee305b3c-72b4-4a77-
b40f-727e07962011
SM_V9_1 iris    exon    27009765        27009982        .       -
        .       Parent=Smp_342750.1;Name=5f4c8dc7-2455-4d64-
a4c6-00e1d4aa93f9
SM_V9_1 iris    exon    27010627        27010715        .       -
        .       Parent=Smp_342750.1;Name=1dc7243e-
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SM_V9_1 iris    exon    27016500        27016698        .       -
        .       Parent=Smp_342750.1;Name=be43bdb1-9cce-4df3-b2c0-
bddbe338ad83
SM_V9_1 iris    exon    27018640        27019186        .       -
        .       Parent=Smp_342750.1;Name=09dd1904-7030-447e-
b64c-68f7b2df82bf
SM_V9_1 iris    exon    27020877        27021044        .       -
        .
Parent=Smp_342750.1;Name=2603297b-1309-496e-9f03-132b6a91b9e6
SM_V9_1 iris    exon    27021083        27021203        .       -
        .       Parent=Smp_342750.1;Name=1e596e04-
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d03e-4c04-8597-7ee8199b1c3e
SM_V9_1 iris    exon    27022510        27022632        .       -
        .       Parent=Smp_342750.1;Name=43d3df9e-6457-4074-8220-
aff387a80339
SM_V9_1 iris    exon    27022666        27022808        .       -
        .       Parent=Smp_342750.1;Name=3bbe93d7-2c58-4624-
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SM_V9_1 iris    exon    27022845        27023135        .       -
        .       Parent=Smp_342750.1;Name=5a05d0ec-
eed8-43c0-9b98-56d28ee8e08f
SM_V9_1 iris    CDS     26975663        26975832        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26979375        26979468        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26981706        26981976        .       -
        1       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26982274        26982446        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26982635        26982697        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26983659        26983691        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26983694        26984157        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26984981        26985050        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26986487        26986784        .       -
        1       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26987447        26987499        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26988856        26989017        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26990393        26990595        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26990820        26990964        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26991863        26991994        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26993368        26993478        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26994220        26994275        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26995541        26995570        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26997009        26997050        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26997647        26998006        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     26999001        26999372        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27000291        27000468        .       -
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SM_V9_1 iris    CDS     27002098        27002504        .       -
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SM_V9_1 iris    CDS     27005859        27005934        .       -
        0       Parent=Smp_342750.1
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SM_V9_1 iris    CDS     27008539        27008718        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27009765        27009982        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27010627        27010715        .       -
        1       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27016500        27016698        .       -
        2       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27018640        27019186        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27020877        27021044        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27021083        27021203        .       -
        1       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27022510        27022632        .       -
        1       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27022666        27022808        .       -
        0       Parent=Smp_342750.1
SM_V9_1 iris    CDS     27022845        27022955        .       -
        0       Parent=Smp_342750.1
SM_V9_1 Liftoff gene    27043155        27055219        .       +
        .       ID=Smp_172790;geneID=Smp_172790
SM_V9_1 Liftoff mRNA    27043155        27055219        .       +
        .
ID=Smp_172790.1;Parent=Smp_172790;geneID=Smp_172790;product=Elongati
on factor Ts
SM_V9_1 Liftoff exon    27043155        27043420        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff exon    27043454        27043780        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff exon    27043819        27043965        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff exon    27043997        27044174        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff exon    27045434        27045539        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff exon    27051005        27051250        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff exon    27052550        27052763        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff exon    27054232        27055219        .       +
        .       Parent=Smp_172790.1
SM_V9_1 Liftoff CDS     27043329        27043420        .       +
        0       Parent=Smp_172790.1
SM_V9_1 Liftoff CDS     27043454        27043780        .       +
        1       Parent=Smp_172790.1
SM_V9_1 Liftoff CDS     27043819        27043965        .       +
        1       Parent=Smp_172790.1
SM_V9_1 Liftoff CDS     27043997        27044174        .       +
        1       Parent=Smp_172790.1
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SM_V9_1 Liftoff CDS     27045434        27045539        .       +
        0       Parent=Smp_172790.1
SM_V9_1 Liftoff CDS     27051005        27051250        .       +
        2       Parent=Smp_172790.1
SM_V9_1 Liftoff CDS     27052550        27052763        .       +
        2       Parent=Smp_172790.1
SM_V9_1 Liftoff CDS     27054232        27054310        .       +
        1       Parent=Smp_172790.1
SM_V9_1 iris    gene    27055224        27070179        .       -
        .
ID=Smp_172780;geneID=Smp_172780;gene_name=Smp_172780;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    27055224        27070179        .       -
        .
ID=Smp_172780.1;Parent=Smp_172780;geneID=Smp_172780;gene_name=Smp_17
2780;owner=irisadmin@local.host;orig_id=Smp_172780.1;date_last_modif
ied=2022-08-02;Name=Smp_172780.1;product=Uncharacterized protein
C18H10.09;date_creation=2022-07-27
SM_V9_1 iris    exon    27055224        27055700        .       -
        .       Parent=Smp_172780.1;Name=a063c208-5447-4150-9199-
ffd8e8f2111e
SM_V9_1 iris    exon    27056257        27056419        .       -
        .
Parent=Smp_172780.1;Name=25e37b34-9b77-4288-97aa-40c933894a27
SM_V9_1 iris    exon    27059139        27059247        .       -
        .       Parent=Smp_172780.1;Name=04bdcf07-
ac23-47d1-84e0-05de23ed1e42
SM_V9_1 iris    exon    27060714        27061760        .       -
        .       Parent=Smp_172780.1;Name=0d208704-994e-4ac1-954b-
f1866bd4d5b2
SM_V9_1 iris    exon    27065937        27066081        .       -
        .       Parent=Smp_172780.1;Name=d97558b2-9cac-4a1c-
b6b4-967823d47d16
SM_V9_1 iris    exon    27066171        27066283        .       -
        .
Parent=Smp_172780.1;Name=7ffa847f-333f-4c8e-8fe1-12bd9a84bfa3
SM_V9_1 iris    exon    27069091        27070179        .       -
        .
Parent=Smp_172780.1;Name=1beee6b0-55b3-4cd8-9c5b-5816ec842139
SM_V9_1 iris    CDS     27055403        27055700        .       -
        1       Parent=Smp_172780.1
SM_V9_1 iris    CDS     27056257        27056419        .       -
        2       Parent=Smp_172780.1
SM_V9_1 iris    CDS     27059139        27059247        .       -
        0       Parent=Smp_172780.1
SM_V9_1 iris    CDS     27060714        27061760        .       -
        0       Parent=Smp_172780.1
SM_V9_1 iris    CDS     27065937        27066081        .       -
        1       Parent=Smp_172780.1
SM_V9_1 iris    CDS     27066171        27066283        .       -
        0       Parent=Smp_172780.1
SM_V9_1 iris    CDS     27069091        27069765        .       -
        0       Parent=Smp_172780.1
SM_V9_1 iris    gene    27106733        27119121        .       -
```

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        .
ID=Smp_346160;geneID=Smp_346160;gene_name=Smp_346160;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    27106733        27119121        .       -
        .
ID=Smp_346160.1;Parent=Smp_346160;geneID=Smp_346160;gene_name=Smp_34
6160;owner=irisadmin@local.host;orig_id=Smp_346160.1;date_last_modif
ied=2022-08-02;Name=Smp_346160.1;product=Zinc finger protein
346;date_creation=2022-07-27
SM_V9_1 iris    exon    27106733        27107017        .       -
        .       Parent=Smp_346160.1;Name=572959b5-0c48-4ed1-
ba66-6132834cf648
SM_V9_1 iris    exon    27116903        27117522        .       -
        .       Parent=Smp_346160.1;Name=67925a8b-cd71-4b7a-
a1d5-66dcd7dc5740
SM_V9_1 iris    exon    27117567        27117827        .       -
        .
Parent=Smp_346160.1;Name=f803ba67-00cf-4e05-84bb-6d311344580f
SM_V9_1 iris    exon    27119079        27119121        .       -
        .       Parent=Smp_346160.1;Name=33876f97-961c-4f47-9022-
e63cc467d5ac
SM_V9_1 iris    CDS     27106964        27107017        .       -
        0       Parent=Smp_346160.1
SM_V9_1 iris    CDS     27116903        27117522        .       -
        2       Parent=Smp_346160.1
SM_V9_1 iris    CDS     27117567        27117816        .       -
        0       Parent=Smp_346160.1
SM_V9_1 Liftoff gene    27162194        27164665        .       -
        .       ID=Smp_328240;geneID=Smp_328240
SM_V9_1 Liftoff mRNA    27162194        27164665        .       -
        .
ID=Smp_328240.1;Parent=Smp_328240;geneID=Smp_328240;product=Zinc
finger protein
346;polypeptide_domain=InterPro:IPR003604,IPR013087,IPR022755
Pfam:PF12171,PF12874;Ontology_term=GO:0003676,GO:0008270
SM_V9_1 Liftoff exon    27162194        27163071        .       -
        .       Parent=Smp_328240.1
SM_V9_1 Liftoff exon    27163116        27164665        .       -
        .       Parent=Smp_328240.1
SM_V9_1 Liftoff CDS     27162281        27163071        .       -
        2       Parent=Smp_328240.1
SM_V9_1 Liftoff CDS     27163116        27163365        .       -
        0       Parent=Smp_328240.1
SM_V9_1 iris    gene    27219076        27232274        .       -
        .
ID=Smp_094880;geneID=Smp_094880;gene_name=Smp_094880;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    27219076        27232274        .       -
        .
ID=Smp_094880.1;Parent=Smp_094880;geneID=Smp_094880;gene_name=Smp_09
4880;owner=irisadmin@local.host;orig_id=Smp_094880.2;date_last_modif
ied=2022-08-02;Name=Smp_094880.1;product=1,4-alpha-glucan-branching
enzyme;date_creation=2022-07-27
SM_V9_1 iris    exon    27219076        27219430        .       -
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        .       Parent=Smp_094880.1;Name=11836d4f-9344-457a-
a328-7d6bedf77cf6
SM_V9_1 iris    exon    27219572        27219702        .       -
        .       Parent=Smp_094880.1;Name=cf055d3d-
a6a4-4127-89fc-4c8896ec6b73
SM_V9_1 iris    exon    27221021        27221205        .       -
        .       Parent=Smp_094880.1;Name=5a84491d-
e4c3-4c51-9b45-553685f605cf
SM_V9_1 iris    exon    27223706        27223988        .       -
        .
Parent=Smp_094880.1;Name=051c0767-5f59-4751-925c-86e2e5212804
SM_V9_1 iris    exon    27225320        27225418        .       -
        .       Parent=Smp_094880.1;Name=0ebf5d3f-15bc-494e-a860-
ece73ea48b11
SM_V9_1 iris    exon    27225693        27225936        .       -
        .       Parent=Smp_094880.1;Name=79e968ca-e8f4-4092-b87e-
e23501d69e7e
SM_V9_1 iris    exon    27226523        27226732        .       -
        .       Parent=Smp_094880.1;Name=a142eeb2-0baa-4a09-
aa35-53a504f0e2ff
SM_V9_1 iris    exon    27230760        27230850        .       -
        .       Parent=Smp_094880.1;Name=eab3f9d2-3ca3-468e-975b-
ff839e29b5ae
SM_V9_1 iris    exon    27231409        27231553        .       -
        .       Parent=Smp_094880.1;Name=c7fde670-33c7-42ce-a0d5-
e1796b6a2895
SM_V9_1 iris    exon    27231586        27231702        .       -
        .       Parent=Smp_094880.1;Name=a51de453-
aa7b-4f43-8df0-287d4783104a
SM_V9_1 iris    exon    27231736        27231848        .       -
        .       Parent=Smp_094880.1;Name=11a9683f-b345-4be3-874d-
a22ab5453146
SM_V9_1 iris    exon    27231880        27232046        .       -
        .       Parent=Smp_094880.1;Name=f64b5e8b-6a75-4c59-
a18e-60f2d30db111
SM_V9_1 iris    exon    27232083        27232274        .       -
        .
Parent=Smp_094880.1;Name=6150bf3d-0ecc-4950-8bed-13b7a90fe3ee
SM_V9_1 iris    CDS     27219268        27219430        .       -
        1       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27219572        27219702        .       -
        0       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27221021        27221205        .       -
        2       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27223706        27223988        .       -
        0       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27225320        27225418        .       -
        0       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27225693        27225936        .       -
        1       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27226523        27226732        .       -
        1       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27230760        27230850        .       -
        2       Parent=Smp_094880.1
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SM_V9_1 iris    CDS     27231409        27231553        .       -
        0       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27231586        27231702        .       -
        0       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27231736        27231848        .       -
        2       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27231880        27232046        .       -
        1       Parent=Smp_094880.1
SM_V9_1 iris    CDS     27232083        27232189        .       -
        0       Parent=Smp_094880.1
SM_V9_1 Liftoff gene    27243753        27269221        .       -
        .       ID=Smp_094870;geneID=Smp_094870
SM_V9_1 Liftoff mRNA    27243753        27269221        .       -
        .
ID=Smp_094870.1;Parent=Smp_094870;geneID=Smp_094870;product=NAD
kinase;polypeptide_domain=InterPro:IPR002504,IPR016064,IPR017437
Pfam:PF01513;Ontology_term=GO:0003951,GO:0006741,GO:0019674
SM_V9_1 Liftoff exon    27243753        27244080        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff exon    27247073        27247377        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff exon    27257549        27257648        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff exon    27261879        27262078        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff exon    27264351        27264453        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff exon    27267045        27267335        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff exon    27268717        27268846        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff exon    27268881        27269221        .       -
        .       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27243985        27244080        .       -
        0       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27247073        27247377        .       -
        2       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27257549        27257648        .       -
        0       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27261879        27262078        .       -
        2       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27264351        27264453        .       -
        0       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27267045        27267335        .       -
        0       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27268717        27268846        .       -
        1       Parent=Smp_094870.1
SM_V9_1 Liftoff CDS     27268881        27268915        .       -
        0       Parent=Smp_094870.1
SM_V9_1 Liftoff gene    27286330        27371480        .       +
        .
ID=Smp_174170;geneID=Smp_174170;previous_systematic_id=Smp_174150
SM_V9_1 Liftoff mRNA    27286330        27371480        .       +
        .
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ID=Smp_174170.1;Parent=Smp_174170;geneID=Smp_174170;product=Homeobox
protein meis3-
A;polypeptide_domain=InterPro:IPR001356,IPR008422,IPR009057,IPR03245
3 Pfam:PF05920,PF16493;Ontology_term=GO:0003677,GO:0006355
SM_V9_1 Liftoff exon    27286330        27301781        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27303182        27303326        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27314718        27314771        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27318228        27318278        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27328711        27329292        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27340253        27341630        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27360471        27360601        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27363200        27363276        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27365019        27365077        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27367863        27367979        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff exon    27369553        27371480        .       +
        .       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27301276        27301781        .       +
        0       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27303182        27303326        .       +
        1       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27314718        27314771        .       +
        0       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27318228        27318278        .       +
        0       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27328711        27329292        .       +
        0       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27340253        27341630        .       +
        0       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27360471        27360601        .       +
        2       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27363200        27363276        .       +
        0       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27365019        27365077        .       +
        1       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27367863        27367979        .       +
        2       Parent=Smp_174170.1
SM_V9_1 Liftoff CDS     27369553        27370442        .       +
        2       Parent=Smp_174170.1
SM_V9_1 Liftoff gene    27392444        27392692        .       +
        .       ID=Smp_174140;geneID=Smp_174140
SM_V9_1 Liftoff mRNA    27392444        27392692        .       +
        .
ID=Smp_174140.1;Parent=Smp_174140;geneID=Smp_174140;product=Glucose-
6-phosphate 1-dehydrogenase
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SM_V9_1 Liftoff exon    27392444        27392692        .       +
        .       Parent=Smp_174140.1
SM_V9_1 Liftoff CDS     27392444        27392692        .       +
        0       Parent=Smp_174140.1
SM_V9_1 Liftoff gene    27447267        27462960        .       +
        .
ID=Smp_345800;geneID=Smp_345800;previous_systematic_id=Smp_168360
SM_V9_1 Liftoff mRNA    27447267        27462960        .       +
        .
ID=Smp_345800.1;Parent=Smp_345800;geneID=Smp_345800;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    27447267        27447461        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27447510        27447581        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27449599        27449881        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27452290        27452476        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27454965        27455197        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27457180        27457360        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27458852        27459140        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27460763        27460972        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff exon    27462392        27462960        .       +
        .       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27447311        27447461        .       +
        0       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27447510        27447581        .       +
        2       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27449599        27449881        .       +
        2       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27452290        27452476        .       +
        1       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27454965        27455197        .       +
        0       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27457180        27457360        .       +
        1       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27458852        27459140        .       +
        0       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27460763        27460972        .       +
        2       Parent=Smp_345800.1
SM_V9_1 Liftoff CDS     27462392        27462900        .       +
        2       Parent=Smp_345800.1
SM_V9_1 iris    gene    27486105        27534405        .       -
        .
ID=Smp_168370;geneID=Smp_168370;gene_name=Smp_168370;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    27486105        27534405        .       -
        .
ID=Smp_168370.1;Parent=Smp_168370;geneID=Smp_168370;gene_name=Smp_16
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8370;owner=irisadmin@local.host;orig_id=Smp_168370.2;date_last_modif
ied=2022-08-02;Name=Smp_168370.1;product=Guanine nucleotide exchange
factor VAV2;date_creation=2022-07-27
SM_V9_1 iris    exon    27486105        27487932        .       -
        .       Parent=Smp_168370.1;Name=f223e87e-689a-4e95-b42b-
f080be220138
SM_V9_1 iris    exon    27489657        27489805        .       -
        .
Parent=Smp_168370.1;Name=2156d85d-6385-4c49-8182-14ba16aa6ef4
SM_V9_1 iris    exon    27491518        27491608        .       -
        .       Parent=Smp_168370.1;Name=53b01ac1-9d79-4511-a39f-
d310d1026595
SM_V9_1 iris    exon    27493189        27493414        .       -
        .       Parent=Smp_168370.1;Name=9e0df390-0971-4b51-8c07-
bf54bda8d33b
SM_V9_1 iris    exon    27496987        27497303        .       -
        .       Parent=Smp_168370.1;Name=95bc4ece-a2cb-4080-843d-
e18d2e52eb03
SM_V9_1 iris    exon    27498759        27498833        .       -
        .       Parent=Smp_168370.1;Name=4c9daff4-c846-4e11-
b672-7ea89e3baba3
SM_V9_1 iris    exon    27500937        27501421        .       -
        .
Parent=Smp_168370.1;Name=e0f9dff2-04d9-47b4-86e5-510a41039c8b
SM_V9_1 iris    exon    27507291        27507424        .       -
        .       Parent=Smp_168370.1;Name=ed864260-7be0-4eea-99c6-
cb11ed10ebc7
SM_V9_1 iris    exon    27508806        27508921        .       -
        .       Parent=Smp_168370.1;Name=89e1e2f8-33d3-45ee-8843-
fe5c0204887e
SM_V9_1 iris    exon    27512756        27512836        .       -
        .       Parent=Smp_168370.1;Name=a7c66150-64aa-4263-9fc9-
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SM_V9_1 iris    exon    27516183        27516228        .       -
        .       Parent=Smp_168370.1;Name=d9e3c89b-9255-4921-
a0ec-983e8a97887c
SM_V9_1 iris    exon    27518720        27518811        .       -
        .       Parent=Smp_168370.1;Name=88b5137a-
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SM_V9_1 iris    exon    27521462        27521480        .       -
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d4f054bf3c4a
SM_V9_1 iris    exon    27522729        27522874        .       -
        .       Parent=Smp_168370.1;Name=807a08ac-91af-491d-
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SM_V9_1 iris    exon    27524494        27524592        .       -
        .       Parent=Smp_168370.1;Name=5bce3c0f-6aae-4231-8280-
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SM_V9_1 iris    exon    27527490        27527696        .       -
        .       Parent=Smp_168370.1;Name=f5c6eb01-
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Parent=Smp_168370.1;Name=a974d1b8-2018-424e-9203-36b5f9dd1dca
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SM_V9_1 iris    exon    27530003        27530080        .       -
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Parent=Smp_168370.1;Name=aafd7d05-92c4-4449-9fe6-8b0e74bf9827
SM_V9_1 iris    exon    27530122        27530536        .       -
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SM_V9_1 iris    exon    27534299        27534405        .       -
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SM_V9_1 iris    CDS     27487885        27487932        .       -
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SM_V9_1 iris    CDS     27489657        27489805        .       -
        2       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27491518        27491608        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27493189        27493414        .       -
        1       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27496987        27497303        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27498759        27498833        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27500937        27501421        .       -
        2       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27507291        27507424        .       -
        1       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27508806        27508921        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27512756        27512836        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27516183        27516228        .       -
        1       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27518720        27518811        .       -
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SM_V9_1 iris    CDS     27521462        27521480        .       -
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SM_V9_1 iris    CDS     27522729        27522874        .       -
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SM_V9_1 iris    CDS     27524494        27524592        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27527490        27527696        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27529576        27529644        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27529691        27529789        .       -
        0       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27529841        27529946        .       -
        1       Parent=Smp_168370.1
SM_V9_1 iris    CDS     27530003        27530080        .       -
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ID=Smp_168370.2;Parent=Smp_168370;geneID=Smp_168370;gene_name=Smp_16
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SM_V9_1 iris    exon    27486105        27487932        .       -
        .       Parent=Smp_168370.2;Name=6807385b-733f-4ad1-
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SM_V9_1 iris    exon    27489657        27489805        .       -
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SM_V9_1 iris    exon    27491518        27491608        .       -
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SM_V9_1 iris    exon    27493189        27493414        .       -
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SM_V9_1 iris    exon    27496270        27496754        .       -
        .       Parent=Smp_168370.2;Name=0f0c1ce3-5528-4f6c-
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SM_V9_1 iris    exon    27500937        27501421        .       -
        .       Parent=Smp_168370.2;Name=09aa9b92-c0f5-4977-9e4c-
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SM_V9_1 iris    exon    27507291        27507424        .       -
        .       Parent=Smp_168370.2;Name=55c5ee36-e7d9-414d-bcc3-
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SM_V9_1 iris    exon    27508806        27508921        .       -
        .       Parent=Smp_168370.2;Name=f42af255-9921-4afa-a1ec-
f02809d00c62
SM_V9_1 iris    exon    27512756        27512836        .       -
        .       Parent=Smp_168370.2;Name=b1edc4f7-
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SM_V9_1 iris    exon    27516183        27516228        .       -
        .       Parent=Smp_168370.2;Name=b33efb14-5a91-4b03-8c34-
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SM_V9_1 iris    exon    27518720        27518811        .       -
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b3a9ad2c6046
SM_V9_1 iris    exon    27521462        27521480        .       -
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SM_V9_1 iris    exon    27522729        27522874        .       -
        .       Parent=Smp_168370.2;Name=b5ae087a-2bf3-4ee7-
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SM_V9_1 iris    exon    27524494        27524592        .       -
        .       Parent=Smp_168370.2;Name=7d290897-a272-4951-
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SM_V9_1 iris    exon    27527490        27527696        .       -
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SM_V9_1 iris    exon    27530122        27530536        .       -
        .       Parent=Smp_168370.2;Name=43b103e6-317b-4a8e-a44f-
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SM_V9_1 iris    exon    27534299        27534405        .       -
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SM_V9_1 iris    CDS     27487885        27487932        .       -
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SM_V9_1 iris    CDS     27489657        27489805        .       -
        2       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27491518        27491608        .       -
        0       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27493189        27493414        .       -
        1       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27496270        27496754        .       -
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SM_V9_1 iris    CDS     27498759        27498833        .       -
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SM_V9_1 iris    CDS     27500937        27501421        .       -
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SM_V9_1 iris    CDS     27507291        27507424        .       -
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SM_V9_1 iris    CDS     27508806        27508921        .       -
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SM_V9_1 iris    CDS     27512756        27512836        .       -
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SM_V9_1 iris    CDS     27516183        27516228        .       -
        1       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27518720        27518811        .       -
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SM_V9_1 iris    CDS     27521462        27521480        .       -
        1       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27522729        27522874        .       -
        0       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27524494        27524592        .       -
        0       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27527490        27527696        .       -
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SM_V9_1 iris    CDS     27529576        27529644        .       -
        0       Parent=Smp_168370.2
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SM_V9_1 iris    CDS     27530003        27530080        .       -
        1       Parent=Smp_168370.2
SM_V9_1 iris    CDS     27530122        27530519        .       -
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SM_V9_1 Liftoff mRNA    27554339        27584010        .       +
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45,IPR005846,IPR016055,IPR016066
Pfam:PF00408,PF02878,PF02879,PF02880;Ontology_term=GO:0000287,GO:000
5975,GO:0016868,GO:0071704
SM_V9_1 Liftoff exon    27554339        27556988        .       +
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SM_V9_1 Liftoff exon    27557030        27557129        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff exon    27557166        27557233        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff exon    27557271        27557359        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff exon    27557398        27557566        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff exon    27557601        27557797        .       +
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SM_V9_1 Liftoff exon    27562921        27563044        .       +
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SM_V9_1 Liftoff exon    27564528        27564691        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff exon    27566101        27566195        .       +
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SM_V9_1 Liftoff exon    27573189        27573365        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff exon    27575321        27575450        .       +
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SM_V9_1 Liftoff exon    27577974        27578172        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff exon    27579093        27579226        .       +
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SM_V9_1 Liftoff exon    27583471        27584010        .       +
        .       Parent=Smp_085150.1
SM_V9_1 Liftoff CDS     27556938        27556988        .       +
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SM_V9_1 Liftoff CDS     27557166        27557233        .       +
        2       Parent=Smp_085150.1
SM_V9_1 Liftoff CDS     27557271        27557359        .       +
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SM_V9_1 Liftoff CDS     27573189        27573365        .       +
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        2       Parent=Smp_085150.1
SM_V9_1 Liftoff CDS     27577974        27578172        .       +
        1       Parent=Smp_085150.1
SM_V9_1 Liftoff CDS     27579093        27579226        .       +
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SM_V9_1 Liftoff CDS     27583471        27583576        .       +
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SM_V9_1 Liftoff gene    27603672        27647265        .       -
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2;polypeptide_domain=InterPro:IPR001356,IPR003350,IPR009057,IPR01098
2 Pfam:PF00046,PF02376;Ontology_term=GO:0003677
SM_V9_1 Liftoff exon    27603672        27607736        .       -
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SM_V9_1 Liftoff exon    27610510        27610661        .       -
        .       Parent=Smp_196950.1
SM_V9_1 Liftoff exon    27615451        27615471        .       -
        .       Parent=Smp_196950.1
SM_V9_1 Liftoff exon    27634383        27634775        .       -
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SM_V9_1 Liftoff exon    27645254        27647265        .       -
        .       Parent=Smp_196950.1
SM_V9_1 Liftoff CDS     27605772        27607736        .       -
        0       Parent=Smp_196950.1
SM_V9_1 Liftoff CDS     27610510        27610661        .       -
        2       Parent=Smp_196950.1
SM_V9_1 Liftoff CDS     27615451        27615471        .       -
        2       Parent=Smp_196950.1
SM_V9_1 Liftoff CDS     27634383        27634775        .       -
        2       Parent=Smp_196950.1
SM_V9_1 Liftoff CDS     27645254        27646985        .       -
        0       Parent=Smp_196950.1
SM_V9_1 Liftoff mRNA    27603672        27647265        .       -
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        .       Parent=Smp_196950.2
SM_V9_1 Liftoff exon    27634383        27634775        .       -
        .       Parent=Smp_196950.2
SM_V9_1 Liftoff exon    27645254        27647265        .       -
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SM_V9_1 Liftoff CDS     27605772        27607736        .       -
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SM_V9_1 Liftoff CDS     27610510        27610661        .       -
        2       Parent=Smp_196950.2
SM_V9_1 Liftoff CDS     27634383        27634775        .       -
        2       Parent=Smp_196950.2
SM_V9_1 Liftoff CDS     27645254        27646985        .       -
        0       Parent=Smp_196950.2
SM_V9_1 iris    gene    27654761        27663155        .       -
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    27654761        27663155        .       -
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protein 1;date_creation=2022-07-27
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SM_V9_1 iris    exon    27655791        27655875        .       -
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SM_V9_1 iris    exon    27656700        27657006        .       -
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        .       Parent=Smp_140950.1;Name=09fa646e-f731-4012-a003-
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        .
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SM_V9_1 iris    exon    27661674        27661757        .       -
        .       Parent=Smp_140950.1;Name=d79b80bb-8e8c-44c1-
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SM_V9_1 iris    exon    27661793        27661907        .       -
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SM_V9_1 iris    exon    27661950        27662022        .       -
        .       Parent=Smp_140950.1;Name=ceb705dc-a8e1-4605-b8b0-
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SM_V9_1 iris    exon    27663094        27663155        .       -
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        1       Parent=Smp_140950.1
SM_V9_1 iris    CDS     27655791        27655875        .       -
        2       Parent=Smp_140950.1
SM_V9_1 iris    CDS     27656700        27657006        .       -
        0       Parent=Smp_140950.1
SM_V9_1 iris    CDS     27660712        27660813        .       -
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SM_V9_1 iris    CDS     27661264        27661475        .       -
        2       Parent=Smp_140950.1
SM_V9_1 iris    CDS     27661515        27661630        .       -
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SM_V9_1 iris    CDS     27661674        27661757        .       -
        1       Parent=Smp_140950.1
SM_V9_1 iris    CDS     27661793        27661907        .       -
        2       Parent=Smp_140950.1
SM_V9_1 iris    CDS     27661950        27661986        .       -
        0       Parent=Smp_140950.1
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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        .
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ied=2022-08-02;Name=Smp_140940.1;product=Protein salvador homolog
1;date_creation=2022-07-27
SM_V9_1 iris    exon    27668649        27669883        .       +
        .       Parent=Smp_140940.1;Name=56ddaa8f-6e0e-4820-8aa0-
dff6108f96b6
SM_V9_1 iris    exon    27670829        27671116        .       +
        .       Parent=Smp_140940.1;Name=e2ba21f6-4eaa-403e-ab36-
c6aff31cf81a
SM_V9_1 iris    exon    27672084        27672373        .       +
        .       Parent=Smp_140940.1;Name=313b96b1-eeb5-433e-9b96-
f5d17cbe0709
SM_V9_1 iris    exon    27673990        27674701        .       +
        .       Parent=Smp_140940.1;Name=0911343a-2870-42cc-
b7da-42a44bff610f
SM_V9_1 iris    exon    27675986        27676422        .       +
        .       Parent=Smp_140940.1;Name=e809e49e-
f13d-4922-844a-94d8b95f99a3
SM_V9_1 iris    exon    27678059        27678428        .       +
        .
Parent=Smp_140940.1;Name=2fa86033-02fb-4096-9efa-5cb26f6e0ed0
SM_V9_1 iris    exon    27681773        27682251        .       +
        .
Parent=Smp_140940.1;Name=3b38ca34-0983-4dd8-923d-89efd90cdf0d
SM_V9_1 iris    exon    27682456        27682652        .       +
        .
Parent=Smp_140940.1;Name=eaadbd09-3883-4553-849e-90800027b0dd
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SM_V9_1 iris    exon    27685038        27685174        .       +
        .       Parent=Smp_140940.1;Name=a29607eb-4dc9-4de8-
a233-152e14cf3ff8
SM_V9_1 iris    exon    27686182        27686243        .       +
        .
Parent=Smp_140940.1;Name=bfcb2992-8077-4505-8bdd-2373aeab561a
SM_V9_1 iris    exon    27688756        27689199        .       +
        .       Parent=Smp_140940.1;Name=b02112b4-2437-4b4d-
ba7f-3a3560bc4876
SM_V9_1 iris    CDS     27668767        27669883        .       +
        0       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27670829        27671116        .       +
        2       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27672084        27672373        .       +
        2       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27673990        27674701        .       +
        0       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27675986        27676422        .       +
        2       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27678059        27678428        .       +
        0       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27681773        27682251        .       +
        2       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27682456        27682652        .       +
        0       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27685038        27685174        .       +
        1       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27686182        27686243        .       +
        2       Parent=Smp_140940.1
SM_V9_1 iris    CDS     27688756        27688938        .       +
        0       Parent=Smp_140940.1
SM_V9_1 Liftoff gene    27691200        27691892        .       -
        .       ID=Smp_328360;geneID=Smp_328360
SM_V9_1 Liftoff mRNA    27691200        27691892        .       -
        .
ID=Smp_328360.1;Parent=Smp_328360;geneID=Smp_328360;product=Adenylat
e kinase 8;polypeptide_domain=InterPro:IPR003117
SM_V9_1 Liftoff exon    27691200        27691659        .       -
        .       Parent=Smp_328360.1
SM_V9_1 Liftoff exon    27691695        27691892        .       -
        .       Parent=Smp_328360.1
SM_V9_1 Liftoff CDS     27691567        27691659        .       -
        0       Parent=Smp_328360.1
SM_V9_1 Liftoff CDS     27691695        27691874        .       -
        0       Parent=Smp_328360.1
SM_V9_1 Liftoff gene    27705579        27715886        .       +
        .       ID=Smp_034700;geneID=Smp_034700
SM_V9_1 Liftoff mRNA    27705579        27715886        .       +
        .
ID=Smp_034700.1;Parent=Smp_034700;geneID=Smp_034700;product=Protein
SCO1 homolog,
mitochondrial;polypeptide_domain=InterPro:IPR003782,IPR012336,IPR013
766 Pfam:PF02630;Ontology_term=GO:0045454
SM_V9_1 Liftoff exon    27705579        27705679        .       +
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        .       Parent=Smp_034700.1
SM_V9_1 Liftoff exon    27705715        27705775        .       +
        .       Parent=Smp_034700.1
SM_V9_1 Liftoff exon    27705810        27705900        .       +
        .       Parent=Smp_034700.1
SM_V9_1 Liftoff exon    27707496        27707690        .       +
        .       Parent=Smp_034700.1
SM_V9_1 Liftoff exon    27710496        27710591        .       +
        .       Parent=Smp_034700.1
SM_V9_1 Liftoff exon    27712915        27713030        .       +
        .       Parent=Smp_034700.1
SM_V9_1 Liftoff exon    27715663        27715886        .       +
        .       Parent=Smp_034700.1
SM_V9_1 Liftoff CDS     27705672        27705679        .       +
        0       Parent=Smp_034700.1
SM_V9_1 Liftoff CDS     27705715        27705775        .       +
        1       Parent=Smp_034700.1
SM_V9_1 Liftoff CDS     27705810        27705900        .       +
        0       Parent=Smp_034700.1
SM_V9_1 Liftoff CDS     27707496        27707690        .       +
        2       Parent=Smp_034700.1
SM_V9_1 Liftoff CDS     27710496        27710591        .       +
        2       Parent=Smp_034700.1
SM_V9_1 Liftoff CDS     27712915        27713030        .       +
        2       Parent=Smp_034700.1
SM_V9_1 Liftoff CDS     27715663        27715791        .       +
        0       Parent=Smp_034700.1
SM_V9_1 iris    gene    27718930        27801649        .       -
        .
ID=Smp_140920;geneID=Smp_140920;gene_name=Smp_140920;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    27718930        27801649        .       -
        .
ID=Smp_140920.1;Parent=Smp_140920;geneID=Smp_140920;gene_name=Smp_14
0920;owner=irisadmin@local.host;orig_id=Smp_140920.2;date_last_modif
ied=2022-08-02;Name=Smp_140920.1;product=Glutamate receptor
ionotropic, kainate 3;date_creation=2022-07-27
SM_V9_1 iris    exon    27718930        27719807        .       -
        .       Parent=Smp_140920.1;Name=237b532a-aa80-4548-aabd-
f687eedded79
SM_V9_1 iris    exon    27722164        27722438        .       -
        .       Parent=Smp_140920.1;Name=a033a26e-5098-4a8f-
a1c0-06000dd93221
SM_V9_1 iris    exon    27723783        27724008        .       -
        .       Parent=Smp_140920.1;Name=3d452172-0b2f-4770-
b4c8-5608895c75f3
SM_V9_1 iris    exon    27730863        27731076        .       -
        .       Parent=Smp_140920.1;Name=09097afe-6f82-416c-
b3a2-2dc4170e8e8d
SM_V9_1 iris    exon    27738093        27738268        .       -
        .       Parent=Smp_140920.1;Name=50774d21-df11-4e98-8cba-
ddf1a83cfdc2
SM_V9_1 iris    exon    27746785        27746940        .       -
        .
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Parent=Smp_140920.1;Name=f6824283-240b-4d20-9f81-2885dc505195
SM_V9_1 iris    exon    27749002        27749214        .       -
        .       Parent=Smp_140920.1;Name=551a1a6a-
ae3c-40c4-91cf-076f2e971173
SM_V9_1 iris    exon    27751472        27751585        .       -
        .       Parent=Smp_140920.1;Name=b0608bb7-8042-43b9-a6f4-
a03be4cb56e1
SM_V9_1 iris    exon    27753505        27753609        .       -
        .       Parent=Smp_140920.1;Name=88095756-fec9-4e48-
aaec-36caf3224841
SM_V9_1 iris    exon    27754505        27754711        .       -
        .       Parent=Smp_140920.1;Name=701dd6d5-0a09-48ea-9ccc-
acf9a7d11ee5
SM_V9_1 iris    exon    27758464        27758568        .       -
        .       Parent=Smp_140920.1;Name=3e1a9529-0bee-4835-
b865-23a3ba4e413a
SM_V9_1 iris    exon    27759727        27759780        .       -
        .
Parent=Smp_140920.1;Name=dec7345e-7640-4311-80cd-775c0c4efabd
SM_V9_1 iris    exon    27764701        27764867        .       -
        .       Parent=Smp_140920.1;Name=bfee409a-5a9c-4945-
a74c-3eaf5e391f65
SM_V9_1 iris    exon    27766507        27767016        .       -
        .       Parent=Smp_140920.1;Name=1194e597-bb7a-4a19-
afb2-991d6fe2a46b
SM_V9_1 iris    exon    27769162        27769281        .       -
        .       Parent=Smp_140920.1;Name=813b6693-3b33-4c5a-a08f-
dc3f43ac7311
SM_V9_1 iris    exon    27782168        27782287        .       -
        .       Parent=Smp_140920.1;Name=b7e16c96-74f2-4a0c-
b7e8-85b42289ef3c
SM_V9_1 iris    exon    27801584        27801649        .       -
        .       Parent=Smp_140920.1;Name=2f1826b5-1271-467c-8a38-
d43200fd5a99
SM_V9_1 iris    CDS     27719565        27719807        .       -
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SM_V9_1 iris    CDS     27722164        27722438        .       -
        2       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27723783        27724008        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27730863        27731076        .       -
        1       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27738093        27738268        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27746785        27746940        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27749002        27749214        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27751472        27751585        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27753505        27753609        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27754505        27754711        .       -
        0       Parent=Smp_140920.1
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SM_V9_1 iris    CDS     27758464        27758568        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27759727        27759780        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27764701        27764867        .       -
        2       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27766507        27767016        .       -
        2       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27769162        27769281        .       -
        2       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27782168        27782287        .       -
        2       Parent=Smp_140920.1
SM_V9_1 iris    CDS     27801584        27801608        .       -
        0       Parent=Smp_140920.1
SM_V9_1 iris    gene    27862159        27872279        .       +
        .
ID=Smp_034680;geneID=Smp_034680;gene_name=Smp_034680;owner=irisadmin
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SM_V9_1 iris    mRNA    27862159        27872279        .       +
        .
ID=Smp_034680.1;Parent=Smp_034680;geneID=Smp_034680;gene_name=Smp_03
4680;owner=irisadmin@local.host;orig_id=Smp_034680.1;date_last_modif
ied=2022-08-02;Name=Smp_034680.1;product=Stabilizer of axonemal
microtubules 2;date_creation=2022-07-27
SM_V9_1 iris    exon    27862159        27862330        .       +
        .
Parent=Smp_034680.1;Name=16a71484-076d-46bc-8e0f-6f6499d75d01
SM_V9_1 iris    exon    27869532        27872279        .       +
        .       Parent=Smp_034680.1;Name=Smp_034680.1-CDS
SM_V9_1 iris    CDS     27869628        27872087        .       +
        0       Parent=Smp_034680.1
SM_V9_1 Liftoff gene    27885139        27902361        .       +
        .       ID=Smp_034670;geneID=Smp_034670
SM_V9_1 Liftoff mRNA    27885139        27902361        .       +
        .
ID=Smp_034670.1;Parent=Smp_034670;geneID=Smp_034670;product=Tubulin
gamma-1
chain;polypeptide_domain=InterPro:IPR000217,IPR002454,IPR003008,IPR0
08280,IPR017975,IPR018316
Pfam:PF00091,PF03953;Ontology_term=GO:0000930,GO:0003924,GO:0005525,
GO:0005874,GO:0007017,GO:0007020,GO:0031122
SM_V9_1 Liftoff exon    27885139        27887746        .       +
        .       Parent=Smp_034670.1
SM_V9_1 Liftoff exon    27888946        27889182        .       +
        .       Parent=Smp_034670.1
SM_V9_1 Liftoff exon    27890960        27891166        .       +
        .       Parent=Smp_034670.1
SM_V9_1 Liftoff exon    27892968        27893054        .       +
        .       Parent=Smp_034670.1
SM_V9_1 Liftoff exon    27898012        27898294        .       +
        .       Parent=Smp_034670.1
SM_V9_1 Liftoff exon    27899791        27899972        .       +
        .       Parent=Smp_034670.1
SM_V9_1 Liftoff exon    27901370        27902361        .       +
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        .       Parent=Smp_034670.1
SM_V9_1 Liftoff CDS     27887639        27887746        .       +
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SM_V9_1 Liftoff CDS     27888946        27889182        .       +
        0       Parent=Smp_034670.1
SM_V9_1 Liftoff CDS     27890960        27891166        .       +
        0       Parent=Smp_034670.1
SM_V9_1 Liftoff CDS     27892968        27893054        .       +
        0       Parent=Smp_034670.1
SM_V9_1 Liftoff CDS     27898012        27898294        .       +
        0       Parent=Smp_034670.1
SM_V9_1 Liftoff CDS     27899791        27899972        .       +
        2       Parent=Smp_034670.1
SM_V9_1 Liftoff CDS     27901370        27901627        .       +
        0       Parent=Smp_034670.1
SM_V9_1 iris    gene    27930193        28013449        .       -
        .
ID=Smp_034660;geneID=Smp_034660;gene_name=Smp_034660;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    27930193        27937050        .       -
        .
ID=Smp_034660.2;Parent=Smp_034660;geneID=Smp_034660;gene_name=Smp_03
4660;owner=irisadmin@local.host;orig_id=Smp_034660.4;date_last_modif
ied=2022-08-02;Name=Smp_034660.2;product=IQ motif and SEC7 domain-
containing protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    27930193        27931285        .       -
        .
Parent=Smp_034660.2;Name=cbea0de5-05bb-4978-99ef-5171f4bb3ea3
SM_V9_1 iris    exon    27932555        27933323        .       -
        .       Parent=Smp_034660.2;Name=a7310cb1-117b-4066-
a139-7e9ab86f7839
SM_V9_1 iris    exon    27933705        27933786        .       -
        .       Parent=Smp_034660.2;Name=c14895b2-b84c-40ca-
a2e3-030679ea70bc
SM_V9_1 iris    exon    27933905        27934066        .       -
        .
Parent=Smp_034660.2;Name=0674d3d7-191d-430b-96a4-8428b96439d8
SM_V9_1 iris    exon    27934326        27935036        .       -
        .       Parent=Smp_034660.2;Name=6d974185-
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SM_V9_1 iris    exon    27936240        27937050        .       -
        .
Parent=Smp_034660.2;Name=3f16e814-27f0-4f72-8cc6-1c4dfacb648c
SM_V9_1 iris    CDS     27930987        27931285        .       -
        2       Parent=Smp_034660.2
SM_V9_1 iris    CDS     27932555        27933323        .       -
        0       Parent=Smp_034660.2
SM_V9_1 iris    CDS     27933705        27933786        .       -
        1       Parent=Smp_034660.2
SM_V9_1 iris    CDS     27933905        27934066        .       -
        1       Parent=Smp_034660.2
SM_V9_1 iris    CDS     27934326        27935036        .       -
        1       Parent=Smp_034660.2
SM_V9_1 iris    CDS     27936240        27937009        .       -
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        0       Parent=Smp_034660.2
SM_V9_1 iris    mRNA    27930193        27952389        .       -
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4660;owner=irisadmin@local.host;orig_id=Smp_034660.1;date_last_modif
ied=2022-08-02;Name=Smp_034660.1;product=IQ motif and SEC7 domain-
containing protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    27930193        27931285        .       -
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aef8-4e5c5d9780cb
SM_V9_1 iris    exon    27932555        27933323        .       -
        .       Parent=Smp_034660.1;Name=78e292d4-7bae-4a7d-b98e-
d114403cb5cc
SM_V9_1 iris    exon    27933705        27933786        .       -
        .       Parent=Smp_034660.1;Name=4b569650-041a-4590-a407-
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SM_V9_1 iris    exon    27933905        27934066        .       -
        .       Parent=Smp_034660.1;Name=ba6f1b9e-494d-4a05-
ab56-753b6e322c8e
SM_V9_1 iris    exon    27934326        27935036        .       -
        .       Parent=Smp_034660.1;Name=8be797ab-d6df-4ea9-
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SM_V9_1 iris    exon    27952202        27952389        .       -
        .       Parent=Smp_034660.1;Name=87377912-563a-4aa4-
b5ed-5f2d4f68232e
SM_V9_1 iris    CDS     27930987        27931285        .       -
        2       Parent=Smp_034660.1
SM_V9_1 iris    CDS     27932555        27933323        .       -
        0       Parent=Smp_034660.1
SM_V9_1 iris    CDS     27933705        27933786        .       -
        1       Parent=Smp_034660.1
SM_V9_1 iris    CDS     27933905        27934066        .       -
        1       Parent=Smp_034660.1
SM_V9_1 iris    CDS     27934326        27935036        .       -
        1       Parent=Smp_034660.1
SM_V9_1 iris    CDS     27952202        27952224        .       -
        0       Parent=Smp_034660.1
SM_V9_1 iris    mRNA    27930193        28013449        .       -
        .
ID=Smp_034660.3;Parent=Smp_034660;geneID=Smp_034660;gene_name=Smp_03
4660;owner=irisadmin@local.host;orig_id=Smp_034660.2;date_last_modif
ied=2022-08-02;Name=Smp_034660.3;product=Leucine--tRNA
ligase;date_creation=2022-07-27
SM_V9_1 iris    exon    27930193        27931285        .       -
        .       Parent=Smp_034660.3;Name=e60d1c2e-9db7-46ab-
b53b-084c7a506120
SM_V9_1 iris    exon    27932555        27933323        .       -
        .       Parent=Smp_034660.3;Name=11468cf8-
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SM_V9_1 iris    exon    27933705        27933786        .       -
        .       Parent=Smp_034660.3;Name=71a1f03d-6b03-46b7-
b4f2-993a802d57e2
SM_V9_1 iris    exon    27933905        27934066        .       -
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SM_V9_1 iris    exon    28012944        28013449        .       -
        .       Parent=Smp_034660.3;Name=f5b5d3ea-5d77-4fea-89f8-
f6cb3098e241
SM_V9_1 iris    CDS     27930987        27931285        .       -
        2       Parent=Smp_034660.3
SM_V9_1 iris    CDS     27932555        27933323        .       -
        0       Parent=Smp_034660.3
SM_V9_1 iris    CDS     27933705        27933786        .       -
        1       Parent=Smp_034660.3
SM_V9_1 iris    CDS     27933905        27934066        .       -
        1       Parent=Smp_034660.3
SM_V9_1 iris    CDS     27934326        27935036        .       -
        1       Parent=Smp_034660.3
SM_V9_1 iris    CDS     28012944        28013350        .       -
        0       Parent=Smp_034660.3
SM_V9_1 Liftoff gene    28018057        28037029        .       -
        .       ID=Smp_140900;geneID=Smp_140900
SM_V9_1 Liftoff mRNA    28018057        28037029        .       -
        .
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MACROD2;polypeptide_domain=InterPro:IPR002589 Pfam:PF01661
SM_V9_1 Liftoff exon    28018057        28018609        .       -
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SM_V9_1 Liftoff exon    28020001        28020071        .       -
        .       Parent=Smp_140900.1
SM_V9_1 Liftoff exon    28029934        28030068        .       -
        .       Parent=Smp_140900.1
SM_V9_1 Liftoff exon    28032528        28032767        .       -
        .       Parent=Smp_140900.1
SM_V9_1 Liftoff exon    28036929        28037029        .       -
        .       Parent=Smp_140900.1
SM_V9_1 Liftoff CDS     28018520        28018609        .       -
        0       Parent=Smp_140900.1
SM_V9_1 Liftoff CDS     28020001        28020071        .       -
        2       Parent=Smp_140900.1
SM_V9_1 Liftoff CDS     28029934        28030068        .       -
        2       Parent=Smp_140900.1
SM_V9_1 Liftoff CDS     28032528        28032767        .       -
        2       Parent=Smp_140900.1
SM_V9_1 Liftoff CDS     28036929        28036977        .       -
        0       Parent=Smp_140900.1
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ID=Smp_322440;geneID=Smp_322440;gene_name=Smp_322440;owner=irisadmin
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SM_V9_1 iris    mRNA    28055133        28076465        .       +
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        .       Parent=Smp_322440.1;Name=f410d563-abca-4adc-975b-
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SM_V9_1 iris    exon    28055283        28055832        .       +
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af2d-03df7e841590
SM_V9_1 iris    exon    28056273        28056485        .       +
        .       Parent=Smp_322440.1;Name=eb3c28ac-6d9f-4804-
b1a8-5048df3303f4
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c260740b4373
SM_V9_1 iris    exon    28056791        28057018        .       +
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b81d-9835aa3b9547
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        .
Parent=Smp_322440.1;Name=42f31427-7c0f-4876-879d-98cb80cdc2c3
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        .       Parent=Smp_322440.1;Name=bf1f7379-34e0-4322-
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c7a71467c722
SM_V9_1 iris    exon    28059806        28060306        .       +
        .       Parent=Smp_322440.1;Name=08ecc9ec-c811-4fce-95b9-
f6a1255fd5f4
SM_V9_1 iris    exon    28060512        28060847        .       +
        .       Parent=Smp_322440.1;Name=64da7125-
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SM_V9_1 iris    exon    28061478        28061780        .       +
        .       Parent=Smp_322440.1;Name=f5954113-d9bb-48fc-92ee-
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SM_V9_1 iris    exon    28061898        28062139        .       +
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a4ef-4a019bb6aef9
SM_V9_1 iris    exon    28062683        28062988        .       +
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SM_V9_1 iris    exon    28063216        28063345        .       +
        .       Parent=Smp_322440.1;Name=a69078b9-3a1b-4b38-9cf0-
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        .
Parent=Smp_322440.1;Name=6e33b946-63b0-421e-84f0-28c49acb5985
SM_V9_1 iris    exon    28067843        28068034        .       +
        .       Parent=Smp_322440.1;Name=151b2514-e242-4c4c-
a9da-33b8de27d3fc
SM_V9_1 iris    exon    28068733        28068970        .       +
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SM_V9_1 iris    exon    28069561        28069839        .       +
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b83f0a1bd76e
SM_V9_1 iris    exon    28070560        28070891        .       +
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SM_V9_1 iris    exon    28072035        28072238        .       +
        .       Parent=Smp_322440.1;Name=dc511f97-4606-4d0a-a03e-
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SM_V9_1 iris    exon    28075589        28075859        .       +
        .       Parent=Smp_322440.1;Name=8cfa3d6a-90a2-4cf9-a991-
cf9dee523226
SM_V9_1 iris    exon    28076191        28076465        .       +
        .
Parent=Smp_322440.1;Name=23e9f672-3597-43cb-88cf-7aea8ec2e1bd
SM_V9_1 iris    CDS     28055195        28055213        .       +
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SM_V9_1 iris    CDS     28055283        28055832        .       +
        2       Parent=Smp_322440.1
SM_V9_1 iris    CDS     28056273        28056485        .       +
        1       Parent=Smp_322440.1
SM_V9_1 iris    CDS     28056522        28056753        .       +
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SM_V9_1 iris    CDS     28056791        28057018        .       +
        0       Parent=Smp_322440.1
SM_V9_1 iris    CDS     28057056        28057448        .       +
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SM_V9_1 iris    CDS     28057709        28058170        .       +
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SM_V9_1 iris    CDS     28058754        28058960        .       +
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SM_V9_1 iris    CDS     28059806        28060306        .       +
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SM_V9_1 iris    CDS     28060512        28060847        .       +
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SM_V9_1 iris    CDS     28061478        28061780        .       +
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SM_V9_1 iris    CDS     28061898        28062139        .       +
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SM_V9_1 iris    CDS     28062683        28062988        .       +
        1       Parent=Smp_322440.1
SM_V9_1 iris    CDS     28063216        28063345        .       +
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SM_V9_1 iris    CDS     28066263        28066570        .       +
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SM_V9_1 iris    CDS     28068733        28068970        .       +
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SM_V9_1 iris    CDS     28069561        28069839        .       +
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SM_V9_1 iris    CDS     28071568        28071949        .       +
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SM_V9_1 iris    CDS     28072035        28072238        .       +
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SM_V9_1 iris    CDS     28075589        28075859        .       +
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SM_V9_1 iris    CDS     28076191        28076345        .       +
        2       Parent=Smp_322440.1
SM_V9_1 Liftoff gene    28091641        28100009        .       -
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SM_V9_1 Liftoff mRNA    28091641        28100009        .       -
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ID=Smp_140880.1;Parent=Smp_140880;geneID=Smp_140880;product=Transcri
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SM_V9_1 Liftoff exon    28091641        28094870        .       -
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SM_V9_1 Liftoff exon    28096353        28096412        .       -
        .       Parent=Smp_140880.1
SM_V9_1 Liftoff exon    28099403        28100009        .       -
        .       Parent=Smp_140880.1
SM_V9_1 Liftoff CDS     28094368        28094870        .       -
        2       Parent=Smp_140880.1
SM_V9_1 Liftoff CDS     28096353        28096412        .       -
        2       Parent=Smp_140880.1
SM_V9_1 Liftoff CDS     28099403        28099985        .       -
        0       Parent=Smp_140880.1
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        .
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SM_V9_1 iris    mRNA    28201783        28256914        .       +
        .
ID=Smp_034610.1;Parent=Smp_034610;geneID=Smp_034610;gene_name=Smp_03
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ied=2022-08-02;Name=Smp_034610.1;product=Innexin
unc-9;date_creation=2022-07-27
SM_V9_1 iris    exon    28201783        28202481        .       +
        .       Parent=Smp_034610.1;Name=0b39b182-
edcf-464e-8e1c-2a2e1f78fe3d
SM_V9_1 iris    exon    28242908        28243269        .       +
        .
Parent=Smp_034610.1;Name=e936d1a4-3a0c-437d-9596-5a8f0012abb3
SM_V9_1 iris    exon    28246619        28247664        .       +
        .       Parent=Smp_034610.1;Name=9c033e66-c0b0-4a76-80b2-
b35bcdb9cad5
SM_V9_1 iris    exon    28255584        28256914        .       +
        .       Parent=Smp_034610.1;Name=1835d94e-5a45-425d-
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abde-059a40e093e2
SM_V9_1 iris    CDS     28202325        28202481        .       +
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        2       Parent=Smp_034610.1
SM_V9_1 iris    CDS     28246619        28247664        .       +
        0       Parent=Smp_034610.1
SM_V9_1 iris    CDS     28255584        28256616        .       +
        1       Parent=Smp_034610.1
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SM_V9_1 iris    mRNA    28327161        28396866        .       -
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unc-9;date_creation=2022-07-27
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SM_V9_1 iris    exon    28348885        28349524        .       -
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SM_V9_1 iris    CDS     28328053        28328461        .       -
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SM_V9_1 iris    CDS     28348885        28349524        .       -
        2       Parent=Smp_140860.1
SM_V9_1 iris    CDS     28395053        28395203        .       -
        0       Parent=Smp_140860.1
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SM_V9_1 iris    mRNA    28471090        28487826        .       -
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kinase B;date_creation=2022-07-27
SM_V9_1 iris    exon    28471090        28472017        .       -
        .       Parent=Smp_140840.1;Name=ea6b344d-
ea7c-4b4d-97ed-751dff3b7207
SM_V9_1 iris    exon    28477895        28477966        .       -
        .       Parent=Smp_140840.1;Name=edffeb9e-89a6-414d-b1ca-
c7f350240de5
SM_V9_1 iris    exon    28478706        28478807        .       -
        .
Parent=Smp_140840.1;Name=a938577f-8d11-47cf-9b5c-5a6cc1496d4e
SM_V9_1 iris    exon    28480349        28480498        .       -
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SM_V9_1 iris    exon    28484156        28484296        .       -
        .       Parent=Smp_140840.1;Name=6544418f-
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SM_V9_1 iris    exon    28485452        28485566        .       -
        .       Parent=Smp_140840.1;Name=d41143a5-aa2e-46d1-
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SM_V9_1 iris    exon    28487662        28487826        .       -
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SM_V9_1 iris    CDS     28471805        28472017        .       -
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SM_V9_1 iris    CDS     28477895        28477966        .       -
        0       Parent=Smp_140840.1
SM_V9_1 iris    CDS     28478706        28478807        .       -
        0       Parent=Smp_140840.1
SM_V9_1 iris    CDS     28480349        28480498        .       -
        0       Parent=Smp_140840.1
SM_V9_1 iris    CDS     28481231        28481355        .       -
        2       Parent=Smp_140840.1
SM_V9_1 iris    CDS     28484156        28484296        .       -
        2       Parent=Smp_140840.1
SM_V9_1 iris    CDS     28485452        28485566        .       -
        0       Parent=Smp_140840.1
SM_V9_1 iris    CDS     28487662        28487703        .       -
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        .       ID=Smp_034550;geneID=Smp_034550
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IPR002048,IPR011992,IPR014837,IPR018159
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SM_V9_1 Liftoff exon    28492480        28492718        .       +
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SM_V9_1 Liftoff exon    28493022        28493108        .       +
        .       Parent=Smp_034550.1
SM_V9_1 Liftoff exon    28493575        28493662        .       +
        .       Parent=Smp_034550.1
SM_V9_1 Liftoff exon    28496487        28496565        .       +
        .       Parent=Smp_034550.1
SM_V9_1 Liftoff exon    28496786        28496867        .       +
        .       Parent=Smp_034550.1
SM_V9_1 Liftoff exon    28500041        28500126        .       +
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        .       Parent=Smp_034550.1
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        .       Parent=Smp_034550.1
SM_V9_1 Liftoff exon    28529821        28530102        .       +
        .       Parent=Smp_034550.1
SM_V9_1 Liftoff exon    28532380        28532538        .       +
        .       Parent=Smp_034550.1
SM_V9_1 Liftoff exon    28533374        28534145        .       +
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SM_V9_1 Liftoff CDS     28493022        28493108        .       +
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SM_V9_1 Liftoff CDS     28493575        28493662        .       +
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SM_V9_1 Liftoff CDS     28496487        28496565        .       +
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SM_V9_1 Liftoff CDS     28496786        28496867        .       +
        0       Parent=Smp_034550.1
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        2       Parent=Smp_034550.1
SM_V9_1 Liftoff CDS     28503257        28503388        .       +
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SM_V9_1 Liftoff CDS     28506838        28507080        .       +
        0       Parent=Smp_034550.1
SM_V9_1 Liftoff CDS     28509995        28510242        .       +
        0       Parent=Smp_034550.1
SM_V9_1 Liftoff CDS     28515780        28515888        .       +
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SM_V9_1 Liftoff CDS     28520862        28520924        .       +
        0       Parent=Smp_034550.1
SM_V9_1 Liftoff CDS     28523567        28523644        .       +
        0       Parent=Smp_034550.1
SM_V9_1 Liftoff CDS     28525139        28525300        .       +
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SM_V9_1 Liftoff CDS     28528783        28529067        .       +
        0       Parent=Smp_034550.1
SM_V9_1 Liftoff CDS     28529821        28530102        .       +
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SM_V9_1 Liftoff CDS     28532380        28532538        .       +
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ID=Smp_140830.1;Parent=Smp_140830;geneID=Smp_140830;product=Telomera
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SM_V9_1 Liftoff exon    28534392        28535022        .       -
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SM_V9_1 Liftoff exon    28535937        28536270        .       -
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SM_V9_1 Liftoff exon    28539401        28539491        .       -
        .       Parent=Smp_140830.1
SM_V9_1 Liftoff exon    28542795        28542883        .       -
        .       Parent=Smp_140830.1
SM_V9_1 Liftoff exon    28545066        28545189        .       -
        .       Parent=Smp_140830.1
SM_V9_1 Liftoff exon    28547275        28550029        .       -
        .       Parent=Smp_140830.1
SM_V9_1 Liftoff CDS     28534479        28535022        .       -
        1       Parent=Smp_140830.1
SM_V9_1 Liftoff CDS     28535937        28536270        .       -
        2       Parent=Smp_140830.1
SM_V9_1 Liftoff CDS     28537543        28537678        .       -
        0       Parent=Smp_140830.1
SM_V9_1 Liftoff CDS     28539401        28539491        .       -
        1       Parent=Smp_140830.1
SM_V9_1 Liftoff CDS     28542795        28542883        .       -
        0       Parent=Smp_140830.1
SM_V9_1 Liftoff CDS     28545066        28545189        .       -
        1       Parent=Smp_140830.1
SM_V9_1 Liftoff CDS     28547275        28547852        .       -
        0       Parent=Smp_140830.1
SM_V9_1 Liftoff gene    28547986        28550013        .       -
        .       ID=Smp_034530;geneID=Smp_034530
SM_V9_1 Liftoff mRNA    28547986        28550013        .       -
        .
ID=Smp_034530.1;Parent=Smp_034530;geneID=Smp_034530;product=Iron-
sulfur cluster assembly 2 homolog,
mitochondrial;polypeptide_domain=InterPro:IPR000361,IPR016092
Pfam:PF01521;Ontology_term=GO:0005198,GO:0051536,GO:0097428
SM_V9_1 Liftoff exon    28547986        28548241        .       -
        .       Parent=Smp_034530.1
SM_V9_1 Liftoff exon    28548285        28548400        .       -
        .       Parent=Smp_034530.1
SM_V9_1 Liftoff exon    28548451        28550013        .       -
        .       Parent=Smp_034530.1
SM_V9_1 Liftoff CDS     28548064        28548241        .       -
        1       Parent=Smp_034530.1
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SM_V9_1 Liftoff CDS     28548285        28548400        .       -
        0       Parent=Smp_034530.1
SM_V9_1 Liftoff CDS     28548451        28548573        .       -
        0       Parent=Smp_034530.1
SM_V9_1 iris    gene    28593340        28602910        .       +
        .
ID=Smp_101820;geneID=Smp_101820;gene_name=Smp_101820;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    28593340        28602910        .       +
        .
ID=Smp_101820.1;Parent=Smp_101820;geneID=Smp_101820;gene_name=Smp_10
1820;owner=irisadmin@local.host;orig_id=Smp_101820.1;date_last_modif
ied=2022-08-02;Name=Smp_101820.1;product=La-related protein
1;date_creation=2022-07-27
SM_V9_1 iris    exon    28593340        28593559        .       +
        .       Parent=Smp_101820.1;Name=d71b792b-
e114-4c3f-80bd-7e962ea9a15a
SM_V9_1 iris    exon    28593593        28593899        .       +
        .       Parent=Smp_101820.1;Name=2124dbdc-8efb-4fe4-
a7a8-4e7f06e7868f
SM_V9_1 iris    exon    28593931        28594193        .       +
        .
Parent=Smp_101820.1;Name=5ade48fb-581e-474b-89c5-62da9a75a0ef
SM_V9_1 iris    exon    28594228        28594321        .       +
        .       Parent=Smp_101820.1;Name=c220883e-
d5a0-4a9f-82cd-869ddfc6bee1
SM_V9_1 iris    exon    28594359        28594594        .       +
        .       Parent=Smp_101820.1;Name=e02ef145-1e0b-490c-
b641-3ca907d7fb99
SM_V9_1 iris    exon    28596488        28596849        .       +
        .       Parent=Smp_101820.1;Name=ac1f4fb7-4e67-4c3e-
b396-9ae1c9356368
SM_V9_1 iris    exon    28598356        28598539        .       +
        .       Parent=Smp_101820.1;Name=8bac5510-ad74-4a8c-
a077-4ccd48915342
SM_V9_1 iris    exon    28599138        28599802        .       +
        .       Parent=Smp_101820.1;Name=3c54bbc3-f14e-49ee-
a768-8bc69f972769
SM_V9_1 iris    exon    28600941        28601397        .       +
        .       Parent=Smp_101820.1;Name=8b16bd53-0898-4aed-b5b0-
dace1bb5532d
SM_V9_1 iris    exon    28601668        28601820        .       +
        .       Parent=Smp_101820.1;Name=cf76aed5-00f3-4e0a-8f6a-
f6455e240461
SM_V9_1 iris    exon    28602293        28602910        .       +
        .       Parent=Smp_101820.1;Name=8a48e7fa-06bc-46e2-83ab-
f1b0bd4f7e11
SM_V9_1 iris    CDS     28593467        28593559        .       +
        0       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28593593        28593899        .       +
        0       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28593931        28594193        .       +
        2       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28594228        28594321        .       +
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        0       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28594359        28594594        .       +
        2       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28596488        28596849        .       +
        0       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28598356        28598539        .       +
        1       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28599138        28599802        .       +
        0       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28600941        28601397        .       +
        1       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28601668        28601820        .       +
        0       Parent=Smp_101820.1
SM_V9_1 iris    CDS     28602293        28602403        .       +
        0       Parent=Smp_101820.1
SM_V9_1 Liftoff gene    28640613        28646646        .       -
        .       ID=Smp_178700;geneID=Smp_178700
SM_V9_1 Liftoff mRNA    28640613        28646646        .       -
        .
ID=Smp_178700.1;Parent=Smp_178700;geneID=Smp_178700;product=Histone
acetyltransferase type B catalytic
subunit;polypeptide_domain=InterPro:IPR016181,IPR019467
Pfam:PF10394;Ontology_term=GO:0006325
SM_V9_1 Liftoff exon    28640613        28640914        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff exon    28641959        28642257        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff exon    28643228        28643445        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff exon    28643496        28643658        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff exon    28643697        28643838        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff exon    28643890        28644013        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff exon    28644054        28644126        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff exon    28644161        28646646        .       -
        .       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28640705        28640914        .       -
        0       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28641959        28642257        .       -
        2       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28643228        28643445        .       -
        1       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28643496        28643658        .       -
        2       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28643697        28643838        .       -
        0       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28643890        28644013        .       -
        1       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28644054        28644126        .       -
        2       Parent=Smp_178700.1
SM_V9_1 Liftoff CDS     28644161        28644236        .       -
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        0       Parent=Smp_178700.1
SM_V9_1 iris    gene    28661264        28699874        .       +
        .
ID=Smp_140820;geneID=Smp_140820;gene_name=Smp_140820;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    28661264        28699874        .       +
        .
ID=Smp_140820.1;Parent=Smp_140820;geneID=Smp_140820;gene_name=Smp_14
0820;owner=irisadmin@local.host;orig_id=Smp_140820.2;date_last_modif
ied=2022-08-02;Name=Smp_140820.1;product=Coiled-coil domain-
containing protein 125;date_creation=2022-07-27
SM_V9_1 iris    exon    28661264        28661332        .       +
        .       Parent=Smp_140820.1;Name=d4cb3d2c-561d-47d4-
ae51-87bb0db56a80
SM_V9_1 iris    exon    28662622        28662767        .       +
        .       Parent=Smp_140820.1;Name=c3300a73-
ac14-47ef-9784-0e956ff76c06
SM_V9_1 iris    exon    28662804        28663015        .       +
        .
Parent=Smp_140820.1;Name=3b87aa47-9ae6-4de2-8f45-591f45b232e4
SM_V9_1 iris    exon    28665106        28665192        .       +
        .       Parent=Smp_140820.1;Name=8bf9ef72-b555-43b2-b0b6-
dfe621a9fb78
SM_V9_1 iris    exon    28674140        28674211        .       +
        .       Parent=Smp_140820.1;Name=3b6e5c18-d3c1-42e8-956b-
dd58a8ed1732
SM_V9_1 iris    exon    28681309        28681394        .       +
        .       Parent=Smp_140820.1;Name=b1e558b9-c319-4afc-ac12-
ae82d8b7fd54
SM_V9_1 iris    exon    28685437        28685519        .       +
        .       Parent=Smp_140820.1;Name=f97b7047-79bd-4b71-9fbe-
ffd673df1b09
SM_V9_1 iris    exon    28688325        28688860        .       +
        .
Parent=Smp_140820.1;Name=3f0c8ed6-4715-4bad-94d1-4ee93469bd7d
SM_V9_1 iris    exon    28691547        28691694        .       +
        .       Parent=Smp_140820.1;Name=16aceff4-4ac7-49b3-
b9d7-0b03e4d5301f
SM_V9_1 iris    exon    28695715        28696298        .       +
        .       Parent=Smp_140820.1;Name=dc0edaf5-d0d9-43b9-
a163-0a93a00b7c5e
SM_V9_1 iris    exon    28697151        28697282        .       +
        .
Parent=Smp_140820.1;Name=9fc023dd-2dde-4d56-8f31-2a09d8eda41f
SM_V9_1 iris    exon    28698855        28699874        .       +
        .       Parent=Smp_140820.1;Name=c338b767-cbf4-4188-8704-
d4b1dbc31dd2
SM_V9_1 iris    CDS     28662659        28662767        .       +
        0       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28662804        28663015        .       +
        2       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28665106        28665192        .       +
        0       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28674140        28674211        .       +
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        0       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28681309        28681394        .       +
        0       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28685437        28685519        .       +
        1       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28688325        28688860        .       +
        2       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28691547        28691694        .       +
        0       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28695715        28696298        .       +
        2       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28697151        28697282        .       +
        0       Parent=Smp_140820.1
SM_V9_1 iris    CDS     28698855        28698938        .       +
        0       Parent=Smp_140820.1
SM_V9_1 iris    gene    28701395        28711598        .       -
        .
ID=Smp_140810;geneID=Smp_140810;gene_name=Smp_140810;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    28701395        28711598        .       -
        .
ID=Smp_140810.1;Parent=Smp_140810;geneID=Smp_140810;gene_name=Smp_14
0810;owner=irisadmin@local.host;orig_id=Smp_140810.1;date_last_modif
ied=2022-08-02;Name=Smp_140810.1;product=Pyroglutamyl-peptidase
1;date_creation=2022-07-27
SM_V9_1 iris    exon    28701395        28701851        .       -
        .       Parent=Smp_140810.1;Name=5dcdcd96-ee09-42f5-
a6a9-73548a789846
SM_V9_1 iris    exon    28701904        28702163        .       -
        .
Parent=Smp_140810.1;Name=cb4d2649-3e66-4e93-901f-03e296b07b17
SM_V9_1 iris    exon    28705669        28705884        .       -
        .       Parent=Smp_140810.1;Name=fcf3f9b1-
e7a7-4cc6-85fa-26c16edc5d3a
SM_V9_1 iris    exon    28711186        28711222        .       -
        .       Parent=Smp_140810.1;Name=0c14e10e-c665-4794-adec-
f24509d8c5e3
SM_V9_1 iris    exon    28711261        28711331        .       -
        .       Parent=Smp_140810.1;Name=1271ca25-0a5c-40d8-9bd5-
c63ac244e93d
SM_V9_1 iris    exon    28711367        28711384        .       -
        .       Parent=Smp_140810.1;Name=322d4085-947b-41d8-9111-
cf26ff93631c
SM_V9_1 iris    exon    28711436        28711598        .       -
        .       Parent=Smp_140810.1;Name=9907c0f4-2224-4f58-
b550-1ed711ddfcde
SM_V9_1 iris    CDS     28701707        28701851        .       -
        1       Parent=Smp_140810.1
SM_V9_1 iris    CDS     28701904        28702163        .       -
        0       Parent=Smp_140810.1
SM_V9_1 iris    CDS     28705669        28705872        .       -
        0       Parent=Smp_140810.1
SM_V9_1 Liftoff gene    28735404        28749748        .       +
        .       ID=Smp_034500;geneID=Smp_034500
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SM_V9_1 Liftoff mRNA    28735404        28749748        .       +
        .
ID=Smp_034500.1;Parent=Smp_034500;geneID=Smp_034500;product=Dual
specificity protein phosphatase
10;polypeptide_domain=InterPro:IPR000340,IPR000387,IPR001763,IPR0161
30,IPR020422,IPR029021
Pfam:PF00782;Ontology_term=GO:0004725,GO:0006470,GO:0008138,GO:00163
11,GO:0016791
SM_V9_1 Liftoff exon    28735404        28736138        .       +
        .       Parent=Smp_034500.1
SM_V9_1 Liftoff exon    28741106        28741558        .       +
        .       Parent=Smp_034500.1
SM_V9_1 Liftoff exon    28743450        28743632        .       +
        .       Parent=Smp_034500.1
SM_V9_1 Liftoff exon    28748467        28749748        .       +
        .       Parent=Smp_034500.1
SM_V9_1 Liftoff CDS     28735466        28736138        .       +
        0       Parent=Smp_034500.1
SM_V9_1 Liftoff CDS     28741106        28741558        .       +
        2       Parent=Smp_034500.1
SM_V9_1 Liftoff CDS     28743450        28743632        .       +
        2       Parent=Smp_034500.1
SM_V9_1 Liftoff CDS     28748467        28748738        .       +
        2       Parent=Smp_034500.1
SM_V9_1 Liftoff gene    28766854        28776861        .       +
        .       ID=Smp_034490;geneID=Smp_034490
SM_V9_1 Liftoff mRNA    28766854        28776861        .       +
        .
ID=Smp_034490.1;Parent=Smp_034490;geneID=Smp_034490;product=Proteaso
me subunit beta
type-6;polypeptide_domain=InterPro:IPR000243,IPR001353,IPR023333,IPR
029055
Pfam:PF00227;Ontology_term=GO:0004175,GO:0004298,GO:0005839,GO:00516
03
SM_V9_1 Liftoff exon    28766854        28766959        .       +
        .       Parent=Smp_034490.1
SM_V9_1 Liftoff exon    28766997        28767064        .       +
        .       Parent=Smp_034490.1
SM_V9_1 Liftoff exon    28767098        28767359        .       +
        .       Parent=Smp_034490.1
SM_V9_1 Liftoff exon    28767393        28767537        .       +
        .       Parent=Smp_034490.1
SM_V9_1 Liftoff exon    28776660        28776861        .       +
        .       Parent=Smp_034490.1
SM_V9_1 Liftoff CDS     28766885        28766959        .       +
        0       Parent=Smp_034490.1
SM_V9_1 Liftoff CDS     28766997        28767064        .       +
        0       Parent=Smp_034490.1
SM_V9_1 Liftoff CDS     28767098        28767359        .       +
        1       Parent=Smp_034490.1
SM_V9_1 Liftoff CDS     28767393        28767537        .       +
        0       Parent=Smp_034490.1
SM_V9_1 Liftoff CDS     28776660        28776787        .       +
        2       Parent=Smp_034490.1
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SM_V9_1 iris    gene    28787242        28868188        .       +
        .
ID=Smp_140800;geneID=Smp_140800;gene_name=Smp_140800;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    28787242        28868188        .       +
        .
ID=Smp_140800.1;Parent=Smp_140800;geneID=Smp_140800;gene_name=Smp_14
0800;owner=irisadmin@local.host;orig_id=Smp_140800.1;date_last_modif
ied=2022-08-02;Name=Smp_140800.1;product=Neurogenic locus notch
homolog protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    28787242        28787965        .       +
        .       Parent=Smp_140800.1;Name=a3d7b94a-7c33-4e94-a6ab-
a4ebacaa118a
SM_V9_1 iris    exon    28797244        28797440        .       +
        .
Parent=Smp_140800.1;Name=78287374-3e68-4812-9323-1f1b959dab95
SM_V9_1 iris    exon    28803577        28803721        .       +
        .       Parent=Smp_140800.1;Name=89544f37-009d-493d-88be-
f4b96036787f
SM_V9_1 iris    exon    28807879        28808151        .       +
        .       Parent=Smp_140800.1;Name=b0272b54-0f44-475a-
bf47-25fb94db4b65
SM_V9_1 iris    exon    28809856        28810067        .       +
        .       Parent=Smp_140800.1;Name=fcbffc7d-d478-4c82-
bb35-7c6774784e7c
SM_V9_1 iris    exon    28811840        28812161        .       +
        .       Parent=Smp_140800.1;Name=11dbb74b-0343-4dda-
af03-98b0a1db4b8d
SM_V9_1 iris    exon    28819441        28819839        .       +
        .       Parent=Smp_140800.1;Name=ec9ca6f6-48bc-47a9-82cd-
a0cca6302b68
SM_V9_1 iris    exon    28822074        28822348        .       +
        .       Parent=Smp_140800.1;Name=19acdf3c-
e849-4229-97a3-58728eb4c67f
SM_V9_1 iris    exon    28825388        28825576        .       +
        .       Parent=Smp_140800.1;Name=119e1d2e-
e991-4823-90d0-8dbff01c1554
SM_V9_1 iris    exon    28828765        28829451        .       +
        .       Parent=Smp_140800.1;Name=28c48f10-f18b-473d-8b52-
a9c31e661ce3
SM_V9_1 iris    exon    28830393        28830837        .       +
        .       Parent=Smp_140800.1;Name=57440ac5-5980-4184-
b2cd-922de304f492
SM_V9_1 iris    exon    28832499        28833124        .       +
        .       Parent=Smp_140800.1;Name=3a9cdc3d-cb9d-43d0-ab29-
e9296633addf
SM_V9_1 iris    exon    28839911        28840544        .       +
        .       Parent=Smp_140800.1;Name=0bc6319d-4f38-4d01-aabb-
a88e30af1b3e
SM_V9_1 iris    exon    28853959        28854299        .       +
        .       Parent=Smp_140800.1;Name=fac9fe20-b5b9-4d05-
a8a0-40189a8d23c0
SM_V9_1 iris    exon    28855716        28856027        .       +
        .       Parent=Smp_140800.1;Name=d0061d51-8e9a-4531-b7e3-
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d631b3dfb894
SM_V9_1 iris    exon    28859303        28860117        .       +
        .       Parent=Smp_140800.1;Name=e174e647-86df-4f4b-b43e-
ec0dce830563
SM_V9_1 iris    exon    28862110        28862342        .       +
        .       Parent=Smp_140800.1;Name=4590c8d8-a04c-4787-
b507-96d1721763a0
SM_V9_1 iris    exon    28864617        28868188        .       +
        .       Parent=Smp_140800.1;Name=3f78a4e3-89e1-4100-
a667-45b13354f46e
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SM_V9_1 iris    CDS     28797244        28797440        .       +
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SM_V9_1 iris    CDS     28803577        28803721        .       +
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SM_V9_1 iris    CDS     28807879        28808151        .       +
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SM_V9_1 iris    CDS     28809856        28810067        .       +
        2       Parent=Smp_140800.1
SM_V9_1 iris    CDS     28811840        28812161        .       +
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SM_V9_1 iris    CDS     28819441        28819839        .       +
        2       Parent=Smp_140800.1
SM_V9_1 iris    CDS     28822074        28822348        .       +
        2       Parent=Smp_140800.1
SM_V9_1 iris    CDS     28825388        28825576        .       +
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SM_V9_1 iris    CDS     28828765        28829451        .       +
        0       Parent=Smp_140800.1
SM_V9_1 iris    CDS     28830393        28830837        .       +
        0       Parent=Smp_140800.1
SM_V9_1 iris    CDS     28832499        28833124        .       +
        2       Parent=Smp_140800.1
SM_V9_1 iris    CDS     28839911        28840544        .       +
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SM_V9_1 iris    CDS     28853959        28854299        .       +
        2       Parent=Smp_140800.1
SM_V9_1 iris    CDS     28855716        28856027        .       +
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SM_V9_1 iris    CDS     28859303        28860117        .       +
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SM_V9_1 iris    CDS     28862110        28862342        .       +
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SM_V9_1 iris    CDS     28864617        28866418        .       +
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SM_V9_1 iris    gene    28871338        28874748        .       -
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SM_V9_1 iris    mRNA    28871338        28874748        .       -
        .
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        .       Parent=Smp_140790.1;Name=85e5a004-5987-4b1c-bb4a-
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SM_V9_1 iris    exon    28872601        28872903        .       -
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fcf4-4775-8e75-52b95bf941ec
SM_V9_1 iris    exon    28873807        28874155        .       -
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f3ba-42a1-8a10-82d3a12bbc4c
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a579-77d723959646
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        .       Parent=Smp_140790.1;Name=ed783702-bd6e-4513-
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        1       Parent=Smp_140790.1
SM_V9_1 iris    CDS     28874190        28874262        .       -
        2       Parent=Smp_140790.1
SM_V9_1 iris    CDS     28874303        28874451        .       -
        1       Parent=Smp_140790.1
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SM_V9_1 iris    CDS     28874629        28874705        .       -
        0       Parent=Smp_140790.1
SM_V9_1 Liftoff gene    28886034        28893441        .       +
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SM_V9_1 Liftoff mRNA    28886034        28893441        .       +
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spermatid basic protein 1-like
protein;polypeptide_domain=InterPro:IPR014710
SM_V9_1 Liftoff exon    28886034        28886902        .       +
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SM_V9_1 Liftoff exon    28888217        28888598        .       +
        .       Parent=Smp_034450.1
SM_V9_1 Liftoff exon    28892556        28893441        .       +
        .       Parent=Smp_034450.1
SM_V9_1 Liftoff CDS     28886082        28886902        .       +
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SM_V9_1 Liftoff CDS     28888217        28888598        .       +
        1       Parent=Smp_034450.1
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SM_V9_1 Liftoff CDS     28892556        28892939        .       +
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        .
ID=Smp_340690;geneID=Smp_340690;gene_name=Smp_340690;owner=irisadmin
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SM_V9_1 iris    mRNA    28920923        28954358        .       +
        .
ID=Smp_340690.1;Parent=Smp_340690;geneID=Smp_340690;gene_name=Smp_34
0690;owner=irisadmin@local.host;orig_id=Smp_340690.1;date_last_modif
ied=2022-08-02;Name=Smp_340690.1;product=Hypothetical
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    28920923        28922137        .       +
        .       Parent=Smp_340690.1;Name=6a0b5b87-8ea7-468d-
a50e-42357e99ad1b
SM_V9_1 iris    exon    28950472        28950632        .       +
        .       Parent=Smp_340690.1;Name=7b802f3e-d174-46f3-
a39d-8887583f4afb
SM_V9_1 iris    exon    28951729        28954358        .       +
        .       Parent=Smp_340690.1;Name=67e53d37-bbec-458a-aa47-
a220aafc62d2
SM_V9_1 iris    CDS     28921051        28922137        .       +
        0       Parent=Smp_340690.1
SM_V9_1 iris    CDS     28950472        28950632        .       +
        2       Parent=Smp_340690.1
SM_V9_1 iris    CDS     28951729        28953117        .       +
        0       Parent=Smp_340690.1
SM_V9_1 Liftoff gene    28957587        28961130        .       -
        .       ID=Smp_034430;geneID=Smp_034430
SM_V9_1 Liftoff mRNA    28957587        28961130        .       -
        .
ID=Smp_034430.1;Parent=Smp_034430;geneID=Smp_034430;product=39S
ribosomal protein L43,
mitochondrial;polypeptide_domain=InterPro:IPR007741,IPR012336
Pfam:PF05047
SM_V9_1 Liftoff exon    28957587        28958174        .       -
        .       Parent=Smp_034430.1
SM_V9_1 Liftoff exon    28959285        28961130        .       -
        .       Parent=Smp_034430.1
SM_V9_1 Liftoff CDS     28957703        28958174        .       -
        1       Parent=Smp_034430.1
SM_V9_1 Liftoff CDS     28959285        28959415        .       -
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SM_V9_1 iris    gene    28976645        29007066        .       -
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SM_V9_1 iris    mRNA    28976645        29007066        .       -
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ID=Smp_343390.1;Parent=Smp_343390;geneID=Smp_343390;gene_name=Smp_34
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ied=2022-08-02;Name=Smp_343390.1;product=Hypothetical
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b7cb-81f23a7a5757
SM_V9_1 iris    exon    29005377        29007066        .       -
        .       Parent=Smp_343390.1;Name=4f65428c-
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SM_V9_1 iris    CDS     28977702        28979090        .       -
        0       Parent=Smp_343390.1
SM_V9_1 iris    CDS     28980187        28980347        .       -
        2       Parent=Smp_343390.1
SM_V9_1 iris    CDS     29005377        29006463        .       -
        0       Parent=Smp_343390.1
SM_V9_1 Liftoff gene    29029364        29081310        .       -
        .       ID=Smp_175590;geneID=Smp_175590
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Statement;literature=PMID:23426263
PMID:23908765;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR007
110,IPR008266,IPR011009,IPR013783,IPR017441,IPR020635
Pfam:PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005524,GO:00064
68
SM_V9_1 Liftoff exon    29029364        29030293        .       -
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        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29040743        29040868        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29042972        29043219        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29050954        29051064        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29067479        29068120        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29071959        29072133        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29074108        29074399        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29076877        29077082        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29080604        29080773        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29080813        29080878        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29080911        29081044        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff exon    29081077        29081310        .       -
        .       Parent=Smp_175590.1
SM_V9_1 Liftoff CDS     29030231        29030293        .       -
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SM_V9_1 Liftoff CDS     29071959        29072133        .       -
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SM_V9_1 Liftoff CDS     29074108        29074399        .       -
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SM_V9_1 Liftoff CDS     29076877        29077082        .       -
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SM_V9_1 Liftoff CDS     29080604        29080773        .       -
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SM_V9_1 Liftoff CDS     29080813        29080878        .       -
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SM_V9_1 Liftoff CDS     29080911        29081044        .       -
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SM_V9_1 Liftoff CDS     29081077        29081246        .       -
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        .       ID=Smp_328650;geneID=Smp_328650
SM_V9_1 Liftoff mRNA    29089864        29090335        .       +
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BOLA2;polypeptide_domain=InterPro:IPR002634 Pfam:PF01722
SM_V9_1 Liftoff exon    29089864        29089942        .       +
        .       Parent=Smp_328650.1
SM_V9_1 Liftoff exon    29089977        29090071        .       +
        .       Parent=Smp_328650.1
SM_V9_1 Liftoff exon    29090118        29090335        .       +
        .       Parent=Smp_328650.1
SM_V9_1 Liftoff CDS     29089892        29089942        .       +
        0       Parent=Smp_328650.1
SM_V9_1 Liftoff CDS     29089977        29090071        .       +
        0       Parent=Smp_328650.1
SM_V9_1 Liftoff CDS     29090118        29090202        .       +
        1       Parent=Smp_328650.1
SM_V9_1 Liftoff mRNA    29089864        29090335        .       +
        .
ID=Smp_328650.2;Parent=Smp_328650;geneID=Smp_328650;product=Protein
BOLA2;polypeptide_domain=InterPro:IPR002634 Pfam:PF01722
SM_V9_1 Liftoff exon    29089864        29089942        .       +
        .       Parent=Smp_328650.2
SM_V9_1 Liftoff exon    29089977        29090071        .       +
        .       Parent=Smp_328650.2
SM_V9_1 Liftoff exon    29090106        29090335        .       +
        .       Parent=Smp_328650.2
SM_V9_1 Liftoff CDS     29089892        29089942        .       +
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SM_V9_1 Liftoff CDS     29089977        29090071        .       +
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SM_V9_1 Liftoff mRNA    29096458        29104510        .       -
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IMP3;polypeptide_domain=InterPro:IPR001912,IPR002942
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SM_V9_1 Liftoff exon    29097921        29098028        .       -
        .       Parent=Smp_102820.1
SM_V9_1 Liftoff exon    29104325        29104510        .       -
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SM_V9_1 Liftoff CDS     29097921        29098028        .       -
        1       Parent=Smp_102820.1
SM_V9_1 Liftoff CDS     29104325        29104461        .       -
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maintenance exonuclease 1;date_creation=2022-07-27
SM_V9_1 iris    exon    29116244        29116460        .       +
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SM_V9_1 iris    exon    29121718        29121828        .       +
        .       Parent=Smp_097280.1;Name=ffb22175-b510-4750-97cc-
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SM_V9_1 iris    exon    29121864        29122108        .       +
        .
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SM_V9_1 iris    exon    29122144        29122354        .       +
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ab2b-6923269b79d8
SM_V9_1 iris    exon    29123003        29123150        .       +
        .       Parent=Smp_097280.1;Name=dfbc079b-
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SM_V9_1 iris    exon    29125221        29125349        .       +
        .       Parent=Smp_097280.1;Name=ccf637dd-85e5-4eb7-aebb-
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f93bfd9568dd
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SM_V9_1 iris    CDS     29121803        29121828        .       +
        0       Parent=Smp_097280.1
SM_V9_1 iris    CDS     29121864        29122108        .       +
        1       Parent=Smp_097280.1
SM_V9_1 iris    CDS     29122144        29122354        .       +
        2       Parent=Smp_097280.1
SM_V9_1 iris    CDS     29123003        29123150        .       +
        1       Parent=Smp_097280.1
SM_V9_1 iris    CDS     29125221        29125349        .       +
        0       Parent=Smp_097280.1
SM_V9_1 iris    CDS     29130292        29130318        .       +
        0       Parent=Smp_097280.1
SM_V9_1 iris    gene    29125731        29185660        .       -
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SM_V9_1 iris    mRNA    29125731        29185660        .       -
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ID=Smp_175580.1;Parent=Smp_175580;geneID=Smp_175580;gene_name=Smp_17
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protein;date_creation=2022-07-27
SM_V9_1 iris    exon    29125731        29128117        .       -
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af61b47d000d
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SM_V9_1 iris    exon    29135021        29135266        .       -
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SM_V9_1 iris    exon    29139943        29140170        .       -
        .       Parent=Smp_175580.1;Name=df0602f1-9036-4536-
bb9a-69b125dad264
SM_V9_1 iris    exon    29143058        29143258        .       -
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Parent=Smp_175580.1;Name=f3df387e-27bc-4332-8a51-088395f0d799
SM_V9_1 iris    exon    29184662        29185660        .       -
        .       Parent=Smp_175580.1;Name=5f57eb50-0711-4154-8360-
e8870b3fcf2e
SM_V9_1 iris    CDS     29126079        29128117        .       -
        2       Parent=Smp_175580.1
SM_V9_1 iris    CDS     29131596        29131976        .       -
        2       Parent=Smp_175580.1
SM_V9_1 iris    CDS     29135021        29135266        .       -
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SM_V9_1 iris    CDS     29137050        29137322        .       -
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SM_V9_1 iris    CDS     29143058        29143258        .       -
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SM_V9_1 iris    CDS     29184662        29185151        .       -
        0       Parent=Smp_175580.1
SM_V9_1 Liftoff gene    29224814        29234790        .       +
        .       ID=Smp_175570;geneID=Smp_175570
SM_V9_1 Liftoff mRNA    29224814        29234790        .       +
        .
ID=Smp_175570.1;Parent=Smp_175570;geneID=Smp_175570;product=Protein
MEMO1;polypeptide_domain=InterPro:IPR002737
SM_V9_1 Liftoff exon    29224814        29224921        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff exon    29224964        29225045        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff exon    29225083        29225151        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff exon    29225185        29225300        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff exon    29225344        29225455        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff exon    29226921        29227063        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff exon    29229743        29229819        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff exon    29234474        29234790        .       +
        .       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29224867        29224921        .       +
        0       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29224964        29225045        .       +
        2       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29225083        29225151        .       +
        1       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29225185        29225300        .       +
        1       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29225344        29225455        .       +
        2       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29226921        29227063        .       +
        1       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29229743        29229819        .       +
        2       Parent=Smp_175570.1
SM_V9_1 Liftoff CDS     29234474        29234716        .       +
        0       Parent=Smp_175570.1
SM_V9_1 iris    gene    29234792        29238420        .       -
        .
ID=Smp_097240;geneID=Smp_097240;gene_name=Smp_097240;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29234792        29238420        .       -
        .
ID=Smp_097240.1;Parent=Smp_097240;geneID=Smp_097240;gene_name=Smp_09
7240;owner=irisadmin@local.host;orig_id=Smp_097240.2;date_last_modif
ied=2022-08-02;Name=Smp_097240.1;product=Protein
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MEMO1;date_creation=2022-07-27
SM_V9_1 iris    exon    29234792        29235096        .       -
        .
Parent=Smp_097240.1;Name=4d12e11c-9712-4647-9e86-2f8fa4ba6f82
SM_V9_1 iris    exon    29235173        29235249        .       -
        .       Parent=Smp_097240.1;Name=382e6707-bd76-42a3-
bc9b-3c04f28dbe3a
SM_V9_1 iris    exon    29235697        29235839        .       -
        .       Parent=Smp_097240.1;Name=ebc95146-47e0-4e7c-
bbe6-5fb79cf29213
SM_V9_1 iris    exon    29236995        29237106        .       -
        .       Parent=Smp_097240.1;Name=fd4b7724-d5cc-435f-
a0a2-5a6df17a6765
SM_V9_1 iris    exon    29237139        29237254        .       -
        .       Parent=Smp_097240.1;Name=92627aaa-9db1-4eab-
bd72-80a113547983
SM_V9_1 iris    exon    29237292        29237360        .       -
        .       Parent=Smp_097240.1;Name=ce6610a5-7929-490b-
b51d-55f589fc6990
SM_V9_1 iris    exon    29237395        29237485        .       -
        .       Parent=Smp_097240.1;Name=8738e824-b982-4220-8746-
e8b6e386e7be
SM_V9_1 iris    exon    29237527        29238420        .       -
        .       Parent=Smp_097240.1;Name=f569febd-7707-4b5c-
a807-4668e51fe736
SM_V9_1 iris    CDS     29234854        29235096        .       -
        0       Parent=Smp_097240.1
SM_V9_1 iris    CDS     29235173        29235249        .       -
        2       Parent=Smp_097240.1
SM_V9_1 iris    CDS     29235697        29235839        .       -
        1       Parent=Smp_097240.1
SM_V9_1 iris    CDS     29236995        29237106        .       -
        2       Parent=Smp_097240.1
SM_V9_1 iris    CDS     29237139        29237254        .       -
        1       Parent=Smp_097240.1
SM_V9_1 iris    CDS     29237292        29237360        .       -
        1       Parent=Smp_097240.1
SM_V9_1 iris    CDS     29237395        29237485        .       -
        2       Parent=Smp_097240.1
SM_V9_1 iris    CDS     29237527        29237590        .       -
        0       Parent=Smp_097240.1
SM_V9_1 iris    gene    29265980        29280800        .       -
        .
ID=Smp_055260;geneID=Smp_055260;gene_name=Smp_055260;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29265980        29280800        .       -
        .
ID=Smp_055260.1;Parent=Smp_055260;geneID=Smp_055260;gene_name=Smp_05
5260;owner=irisadmin@local.host;orig_id=Smp_055260.1;date_last_modif
ied=2022-08-02;Name=Smp_055260.1;product=Uncharacterized sodium-
dependent transporter HI_0736;date_creation=2022-07-27
SM_V9_1 iris    exon    29265980        29266413        .       -
        .
Parent=Smp_055260.1;Name=c76d2df4-8406-4d2f-89b8-3f9493b5dcd5
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SM_V9_1 iris    exon    29267765        29267882        .       -
        .       Parent=Smp_055260.1;Name=018b2f5d-f4ad-45a3-
af91-19a891f79e3b
SM_V9_1 iris    exon    29269847        29269998        .       -
        .       Parent=Smp_055260.1;Name=2904fcf5-cb0a-4eed-808f-
e6671a9f2c3b
SM_V9_1 iris    exon    29270089        29270180        .       -
        .       Parent=Smp_055260.1;Name=8afc4458-
a18c-4605-9fdd-9669a8b52c96
SM_V9_1 iris    exon    29272405        29272544        .       -
        .       Parent=Smp_055260.1;Name=1de6ac03-07eb-415d-
b37c-6c983c18b64e
SM_V9_1 iris    exon    29273725        29273859        .       -
        .       Parent=Smp_055260.1;Name=80d99ab7-fab2-4b00-
a1e6-548b1d62efc6
SM_V9_1 iris    exon    29274217        29274379        .       -
        .
Parent=Smp_055260.1;Name=6b066d1f-1c97-4ef0-947a-459564d42c03
SM_V9_1 iris    exon    29275571        29275772        .       -
        .       Parent=Smp_055260.1;Name=c048097b-2823-4333-
beda-40c9282588ad
SM_V9_1 iris    exon    29276907        29277024        .       -
        .       Parent=Smp_055260.1;Name=aa3deeb9-5b91-4695-
a1be-8c099bdeea75
SM_V9_1 iris    exon    29278285        29278468        .       -
        .       Parent=Smp_055260.1;Name=c332b1f6-1797-4859-
a669-0dccfb1dae3b
SM_V9_1 iris    exon    29280188        29280800        .       -
        .       Parent=Smp_055260.1;Name=8dfa1b84-8031-4e52-
a236-30905df9abcc
SM_V9_1 iris    CDS     29266207        29266413        .       -
        0       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29267765        29267882        .       -
        1       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29269847        29269998        .       -
        0       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29270089        29270180        .       -
        2       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29272405        29272544        .       -
        1       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29273725        29273859        .       -
        1       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29274217        29274379        .       -
        2       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29275571        29275772        .       -
        0       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29276907        29277024        .       -
        1       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29278285        29278468        .       -
        2       Parent=Smp_055260.1
SM_V9_1 iris    CDS     29280188        29280296        .       -
        0       Parent=Smp_055260.1
SM_V9_1 Liftoff gene    29311254        29318312        .       +
        .       ID=Smp_200450;geneID=Smp_200450
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SM_V9_1 Liftoff mRNA    29311254        29318312        .       +
       .
ID=Smp_200450.1;Parent=Smp_200450;geneID=Smp_200450;product=UDP-
GalNAc:beta-1,3-N-acetylgalactosaminyltransferase
1;polypeptide_domain=InterPro:IPR002659
Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
SM_V9_1 Liftoff exon    29311254        29318312        .       +
       .       Parent=Smp_200450.1
SM_V9_1 Liftoff CDS     29317083        29318282        .       +
       0       Parent=Smp_200450.1
SM_V9_1 iris    gene    29329047        29337687        .       +
       .
ID=Smp_342460;geneID=Smp_342460;gene_name=Smp_342460;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29329047        29337687        .       +
       .
ID=Smp_342460.1;Parent=Smp_342460;geneID=Smp_342460;gene_name=Smp_34
2460;owner=irisadmin@local.host;orig_id=Smp_342460.1;date_last_modif
ied=2022-08-02;Name=Smp_342460.1;product=Ester hydrolase C11orf54
homolog;date_creation=2022-07-27
SM_V9_1 iris    exon    29329047        29329264        .       +
       .       Parent=Smp_342460.1;Name=1191b3f8-e1ee-48d7-869c-
f1f434fe679b
SM_V9_1 iris    exon    29330648        29330715        .       +
       .       Parent=Smp_342460.1;Name=2f48f945-090d-4a02-
a37d-8ad3290927d0
SM_V9_1 iris    exon    29330757        29330947        .       +
       .
Parent=Smp_342460.1;Name=0d275d31-7899-4025-8cdc-21f90fdbadfc
SM_V9_1 iris    exon    29330993        29331082        .       +
       .       Parent=Smp_342460.1;Name=564aacd3-
d73a-42b7-8e1c-52d90875d378
SM_V9_1 iris    exon    29331573        29331624        .       +
       .       Parent=Smp_342460.1;Name=65c186d0-c58b-407b-
b9e8-28f7452370f0
SM_V9_1 iris    exon    29335366        29335844        .       +
       .       Parent=Smp_342460.1;Name=d9d6f04b-
dde6-4a65-862b-522cc6c8e0a8
SM_V9_1 iris    exon    29337160        29337687        .       +
       .       Parent=Smp_342460.1;Name=dc9e3c97-c552-4f1e-ac75-
d1e01a8a0ca5
SM_V9_1 iris    CDS     29329160        29329264        .       +
       0       Parent=Smp_342460.1
SM_V9_1 iris    CDS     29330648        29330715        .       +
       0       Parent=Smp_342460.1
SM_V9_1 iris    CDS     29330757        29330947        .       +
       1       Parent=Smp_342460.1
SM_V9_1 iris    CDS     29330993        29331082        .       +
       2       Parent=Smp_342460.1
SM_V9_1 iris    CDS     29331573        29331624        .       +
       2       Parent=Smp_342460.1
SM_V9_1 iris    CDS     29335366        29335844        .       +
       1       Parent=Smp_342460.1
SM_V9_1 iris    CDS     29337160        29337308        .       +
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        2       Parent=Smp_342460.1
SM_V9_1 iris    gene    29346944        29366793        .       +
        .
ID=Smp_333980;geneID=Smp_333980;gene_name=Smp_333980;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29346944        29366793        .       +
        .
ID=Smp_333980.1;Parent=Smp_333980;geneID=Smp_333980;gene_name=Smp_33
3980;owner=irisadmin@local.host;orig_id=Smp_333980.1;date_last_modif
ied=2022-08-02;Name=Smp_333980.1;product=Uncharacterized sodium-
dependent transporter MJ1319;date_creation=2022-07-27
SM_V9_1 iris    exon    29346944        29347111        .       +
        .
Parent=Smp_333980.1;Name=c1f7310e-3b21-42b7-9127-21af5706f040
SM_V9_1 iris    exon    29349491        29349665        .       +
        .       Parent=Smp_333980.1;Name=2dd6bae2-af9d-4c84-8ad2-
caa858d88b73
SM_V9_1 iris    exon    29352807        29352990        .       +
        .       Parent=Smp_333980.1;Name=0dbd8186-a5ab-4ba3-
a9a5-067903784fe4
SM_V9_1 iris    exon    29356945        29357059        .       +
        .       Parent=Smp_333980.1;Name=e3066b6f-596e-44d6-b901-
f853930d2351
SM_V9_1 iris    exon    29358672        29358873        .       +
        .       Parent=Smp_333980.1;Name=30385c2b-73fd-4957-9ef9-
bae1420a3e6d
SM_V9_1 iris    exon    29359461        29359623        .       +
        .       Parent=Smp_333980.1;Name=c2bbde5d-7792-4c7a-
b3fe-88e53347d11a
SM_V9_1 iris    exon    29360639        29360773        .       +
        .       Parent=Smp_333980.1;Name=beab724b-0fc0-4198-a2fc-
fc79b6aa5220
SM_V9_1 iris    exon    29361447        29361586        .       +
        .       Parent=Smp_333980.1;Name=86a64701-a3a8-40ef-9e3c-
d7c96e2ecbf0
SM_V9_1 iris    exon    29363007        29363098        .       +
        .       Parent=Smp_333980.1;Name=a5d904a7-c75f-4eda-
aab4-64e8356ccefa
SM_V9_1 iris    exon    29363498        29363649        .       +
        .
Parent=Smp_333980.1;Name=b8c815c0-771b-4849-993b-7ed96fb6a498
SM_V9_1 iris    exon    29365554        29365671        .       +
        .       Parent=Smp_333980.1;Name=14b46714-31e7-40a0-9267-
bc86b0475a58
SM_V9_1 iris    exon    29366305        29366793        .       +
        .       Parent=Smp_333980.1;Name=cc1f0947-3124-4292-
a57d-9b8bdfcf1394
SM_V9_1 iris    CDS     29347016        29347111        .       +
        0       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29349491        29349665        .       +
        0       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29352807        29352990        .       +
        2       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29356945        29357059        .       +
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        1       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29358672        29358873        .       +
        0       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29359461        29359623        .       +
        2       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29360639        29360773        .       +
        1       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29361447        29361586        .       +
        1       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29363007        29363098        .       +
        2       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29363498        29363649        .       +
        0       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29365554        29365671        .       +
        1       Parent=Smp_333980.1
SM_V9_1 iris    CDS     29366305        29366511        .       +
        0       Parent=Smp_333980.1
SM_V9_1 iris    gene    29366805        29393882        .       -
        .
ID=Smp_129920;geneID=Smp_129920;gene_name=Smp_129920;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_1 iris    mRNA    29366805        29393882        .       -
        .
ID=Smp_129920.1;Parent=Smp_129920;geneID=Smp_129920;gene_name=Smp_12
9920;owner=irisadmin@local.host;orig_id=Smp_129920.1;date_last_modif
ied=2022-11-12;Name=Smp_129920.1;product=Uncharacterized sodium-
dependent transporter HI_0736;date_creation=2022-11-12
SM_V9_1 iris    exon    29366805        29367070        .       -
        .
Parent=Smp_129920.1;Name=2a950b42-589d-4d07-9a41-1b3376831a52
SM_V9_1 iris    exon    29368087        29368204        .       -
        .       Parent=Smp_129920.1;Name=acae2be2-6d50-4f2f-
b694-4803321d543c
SM_V9_1 iris    exon    29370821        29370972        .       -
        .       Parent=Smp_129920.1;Name=b605bf4f-3e08-4553-
b137-8e464f81a460
SM_V9_1 iris    exon    29372636        29372727        .       -
        .       Parent=Smp_129920.1;Name=38038bda-12e8-4147-
b977-2530248e787d
SM_V9_1 iris    exon    29376522        29376661        .       -
        .
Parent=Smp_129920.1;Name=ebd2edf1-713a-47e4-968b-1dc17264fa5d
SM_V9_1 iris    exon    29380921        29381055        .       -
        .
Parent=Smp_129920.1;Name=8a8f53e8-7888-4d96-8c21-2c14e8138e68
SM_V9_1 iris    exon    29381956        29382118        .       -
        .
Parent=Smp_129920.1;Name=4c7a0911-209c-48ee-9763-71a828ab2aa3
SM_V9_1 iris    exon    29383020        29383221        .       -
        .
Parent=Smp_129920.1;Name=8f662802-9342-42c2-870f-295cd75a6edb
SM_V9_1 iris    exon    29389892        29390006        .       -
        .       Parent=Smp_129920.1;Name=7bc7a6e0-
c4bf-482d-9758-663332e1975d
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SM_V9_1 iris    exon    29391029        29391212        .       -
        .
Parent=Smp_129920.1;Name=8cfff9c9-882c-42a5-8f06-1258d5fb7ac8
SM_V9_1 iris    exon    29393615        29393882        .       -
        .       Parent=Smp_129920.1;Name=d7394f33-fa1b-49b9-
b547-0d34efcc0804
SM_V9_1 iris    CDS     29366933        29367070        .       -
        0       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29368087        29368204        .       -
        1       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29370821        29370972        .       -
        0       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29372636        29372727        .       -
        2       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29376522        29376661        .       -
        1       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29380921        29381055        .       -
        1       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29381956        29382118        .       -
        2       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29383020        29383221        .       -
        0       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29389892        29390006        .       -
        1       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29391029        29391212        .       -
        2       Parent=Smp_129920.1
SM_V9_1 iris    CDS     29393615        29393768        .       -
        0       Parent=Smp_129920.1
SM_V9_1 iris    gene    29419700        29436747        .       +
        .
ID=Smp_129900;geneID=Smp_129900;gene_name=Smp_129900;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29419700        29436747        .       +
        .
ID=Smp_129900.1;Parent=Smp_129900;geneID=Smp_129900;gene_name=Smp_12
9900;owner=irisadmin@local.host;orig_id=Smp_129900.3;date_last_modif
ied=2022-08-02;Name=Smp_129900.1;product=Uncharacterized sodium-
dependent transporter HI_0736;date_creation=2022-07-27
SM_V9_1 iris    exon    29419700        29419946        .       +
        .       Parent=Smp_129900.1;Name=aff009a2-f04f-4fe5-
a150-734289b3a00a
SM_V9_1 iris    exon    29420193        29420364        .       +
        .       Parent=Smp_129900.1;Name=b627fb9e-543f-4fb7-9d31-
c3415222cd0a
SM_V9_1 iris    exon    29421466        29421649        .       +
        .       Parent=Smp_129900.1;Name=f909c97c-f915-4f80-
b7d0-6c4c56c4df96
SM_V9_1 iris    exon    29422414        29422531        .       +
        .       Parent=Smp_129900.1;Name=3eb3bd9d-
cc37-4d6c-9bcd-6ec08bd2270d
SM_V9_1 iris    exon    29423871        29424072        .       +
        .       Parent=Smp_129900.1;Name=b24b27dc-3b32-4bdc-85e9-
dda083b6edfe
SM_V9_1 iris    exon    29425510        29425672        .       +
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        .       Parent=Smp_129900.1;Name=c68605d2-30e4-48ed-
a554-1ec99ebf1a66
SM_V9_1 iris    exon    29428921        29429055        .       +
        .       Parent=Smp_129900.1;Name=6041cb72-b54e-474a-acda-
cbc6cc67db40
SM_V9_1 iris    exon    29429301        29429440        .       +
        .
Parent=Smp_129900.1;Name=b8e95130-1bbb-497a-8d9c-58db6dc006e1
SM_V9_1 iris    exon    29430439        29430530        .       +
        .       Parent=Smp_129900.1;Name=e16d5c23-1ddc-41da-9b1e-
b6d9d78da7e4
SM_V9_1 iris    exon    29432645        29432796        .       +
        .
Parent=Smp_129900.1;Name=d9de266d-8167-4b4d-863a-5a95c5431aab
SM_V9_1 iris    exon    29435318        29435435        .       +
        .       Parent=Smp_129900.1;Name=643e89f4-3e31-4d3d-
b859-6f86c47b5536
SM_V9_1 iris    exon    29436413        29436747        .       +
        .       Parent=Smp_129900.1;Name=7a0aa8da-0f17-4192-9489-
e231efcc3b87
SM_V9_1 iris    CDS     29419812        29419946        .       +
        0       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29420193        29420364        .       +
        0       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29421466        29421649        .       +
        2       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29422414        29422531        .       +
        1       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29423871        29424072        .       +
        0       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29425510        29425672        .       +
        2       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29428921        29429055        .       +
        1       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29429301        29429440        .       +
        1       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29430439        29430530        .       +
        2       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29432645        29432796        .       +
        0       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29435318        29435435        .       +
        1       Parent=Smp_129900.1
SM_V9_1 iris    CDS     29436413        29436622        .       +
        0       Parent=Smp_129900.1
SM_V9_1 iris    gene    29447360        29452880        .       -
        .
ID=Smp_014290;geneID=Smp_014290;gene_name=Smp_014290;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29447360        29452880        .       -
        .
ID=Smp_014290.1;Parent=Smp_014290;geneID=Smp_014290;gene_name=Smp_01
4290;owner=irisadmin@local.host;orig_id=Smp_014290.2;date_last_modif
ied=2022-08-02;Name=Smp_014290.1;product=Uncharacterized protein
NCBP2-AS2 homolog;date_creation=2022-07-27
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        .       Parent=Smp_014290.1;Name=2cd5d545-5dbc-47ca-
b88d-4a24e8796525
SM_V9_1 iris    exon    29447849        29447921        .       -
        .       Parent=Smp_014290.1;Name=3a0b5181-7485-478a-
ace7-9e436b7395e7
SM_V9_1 iris    exon    29447955        29447988        .       -
        .
Parent=Smp_014290.1;Name=6351342b-64bb-4fe3-9bba-1ecd876d146e
SM_V9_1 iris    exon    29448027        29448136        .       -
        .
Parent=Smp_014290.1;Name=465bd17b-655b-401e-88c3-8b2fc3480ef8
SM_V9_1 iris    exon    29452818        29452880        .       -
        .       Parent=Smp_014290.1;Name=d5878fab-4aaf-4e04-bc8a-
e8eb6c6e4a94
SM_V9_1 iris    CDS     29447704        29447813        .       -
        2       Parent=Smp_014290.1
SM_V9_1 iris    CDS     29447849        29447921        .       -
        0       Parent=Smp_014290.1
SM_V9_1 iris    CDS     29447955        29447988        .       -
        1       Parent=Smp_014290.1
SM_V9_1 iris    CDS     29448027        29448049        .       -
        0       Parent=Smp_014290.1
SM_V9_1 Liftoff gene    29461924        29470041        .       +
        .       ID=Smp_014280;geneID=Smp_014280
SM_V9_1 Liftoff mRNA    29461924        29470041        .       +
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ID=Smp_014280.1;Parent=Smp_014280;geneID=Smp_014280;product=Beta-1,3
-galactosyltransferase
1;polypeptide_domain=InterPro:IPR002659,IPR029044
Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
SM_V9_1 Liftoff exon    29461924        29470041        .       +
        .       Parent=Smp_014280.1
SM_V9_1 Liftoff CDS     29468420        29469511        .       +
        0       Parent=Smp_014280.1
SM_V9_1 Liftoff gene    29483777        29494610        .       +
        .       ID=Smp_014260;geneID=Smp_014260
SM_V9_1 Liftoff mRNA    29483777        29494610        .       +
        .
ID=Smp_014260.1;Parent=Smp_014260;geneID=Smp_014260;product=Beta-1,3
-galactosyltransferase brn;polypeptide_domain=InterPro:IPR002659
Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
SM_V9_1 Liftoff exon    29483777        29494610        .       +
        .       Parent=Smp_014260.1
SM_V9_1 Liftoff CDS     29493201        29494406        .       +
        0       Parent=Smp_014260.1
SM_V9_1 Liftoff gene    29513324        29533916        .       +
        .       ID=Smp_129870;geneID=Smp_129870
SM_V9_1 Liftoff mRNA    29513324        29533916        .       +
        .
ID=Smp_129870.1;Parent=Smp_129870;geneID=Smp_129870;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    29513324        29517059        .       +
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SM_V9_1 Liftoff exon    29518663        29518846        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff exon    29521381        29521534        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff exon    29523711        29523960        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff exon    29525658        29525870        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff exon    29527003        29527350        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff exon    29528569        29529006        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff exon    29531643        29531717        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff exon    29532938        29533916        .       +
        .       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29516673        29517059        .       +
        0       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29518663        29518846        .       +
        0       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29521381        29521534        .       +
        2       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29523711        29523960        .       +
        1       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29525658        29525870        .       +
        0       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29527003        29527350        .       +
        0       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29528569        29529006        .       +
        0       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29531643        29531717        .       +
        0       Parent=Smp_129870.1
SM_V9_1 Liftoff CDS     29532938        29533081        .       +
        0       Parent=Smp_129870.1
SM_V9_1 Liftoff gene    29535834        29541768        .       +
        .       ID=Smp_129860;geneID=Smp_129860
SM_V9_1 Liftoff mRNA    29535834        29541768        .       +
        .
ID=Smp_129860.1;Parent=Smp_129860;geneID=Smp_129860;product=Aspartat
e 1-decarboxylase
SM_V9_1 Liftoff exon    29535834        29535911        .       +
        .       Parent=Smp_129860.1
SM_V9_1 Liftoff exon    29541526        29541768        .       +
        .       Parent=Smp_129860.1
SM_V9_1 Liftoff CDS     29535834        29535911        .       +
        0       Parent=Smp_129860.1
SM_V9_1 Liftoff CDS     29541526        29541768        .       +
        0       Parent=Smp_129860.1
SM_V9_1 Liftoff gene    29542697        29637750        .       +
        .       ID=Smp_129840;geneID=Smp_129840
SM_V9_1 Liftoff mRNA    29542697        29637750        .       +
        .
ID=Smp_129840.1;Parent=Smp_129840;geneID=Smp_129840;product=Hypothet
ical protein
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SM_V9_1 Liftoff exon    29542697        29542837        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29542873        29543599        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29561081        29561236        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29577236        29577731        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29612205        29612857        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29625567        29625620        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29628373        29628826        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29631796        29632548        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff exon    29634967        29637750        .       +
        .       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29542765        29542837        .       +
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SM_V9_1 Liftoff CDS     29542873        29543599        .       +
        2       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29561081        29561236        .       +
        1       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29577236        29577731        .       +
        1       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29612205        29612857        .       +
        0       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29625567        29625620        .       +
        1       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29628373        29628826        .       +
        1       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29631796        29632548        .       +
        0       Parent=Smp_129840.1
SM_V9_1 Liftoff CDS     29634967        29637132        .       +
        0       Parent=Smp_129840.1
SM_V9_1 iris    gene    29729212        29859496        .       +
        .
ID=Smp_129830;geneID=Smp_129830;gene_name=Smp_129830;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29729212        29859496        .       +
        .
ID=Smp_129830.1;Parent=Smp_129830;geneID=Smp_129830;gene_name=Smp_12
9830;owner=irisadmin@local.host;orig_id=Smp_129830.1;date_last_modif
ied=2022-08-02;Name=Smp_129830.1;product=Protocadherin
alpha-10;date_creation=2022-07-27
SM_V9_1 iris    exon    29729212        29729671        .       +
        .       Parent=Smp_129830.1;Name=a520e522-757b-49cf-
bdcc-0444215c83f8
SM_V9_1 iris    exon    29768245        29768337        .       +
        .       Parent=Smp_129830.1;Name=9cd788e1-091f-48d6-
b653-9cff3ff219ec
SM_V9_1 iris    exon    29796173        29796621        .       +
        .       Parent=Smp_129830.1;Name=b2b40262-0701-4018-97ba-
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a6118c1ed977
SM_V9_1 iris    exon    29814761        29815404        .       +
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SM_V9_1 iris    exon    29840590        29840898        .       +
        .       Parent=Smp_129830.1;Name=b24dc809-3a0b-4320-a2a7-
d9d29bfffe8e
SM_V9_1 iris    exon    29841833        29842231        .       +
        .
Parent=Smp_129830.1;Name=dbdb2645-9364-488a-9678-4fc83b01d8d8
SM_V9_1 iris    exon    29843886        29844029        .       +
        .       Parent=Smp_129830.1;Name=98594c57-1f62-46a1-9164-
f1e1754dee4f
SM_V9_1 iris    exon    29850254        29850619        .       +
        .
Parent=Smp_129830.1;Name=bd23d30d-3672-4706-955a-8ed4345c2af0
SM_V9_1 iris    exon    29851342        29851483        .       +
        .
Parent=Smp_129830.1;Name=04734b4d-6ddf-4f6c-9947-6ebe8a6b4dda
SM_V9_1 iris    exon    29853040        29853500        .       +
        .       Parent=Smp_129830.1;Name=23a10a4e-2b77-4f45-b616-
c9d318ca7d85
SM_V9_1 iris    exon    29853592        29854194        .       +
        .       Parent=Smp_129830.1;Name=c09eff2f-40cd-42a6-
a4fb-476905c884d7
SM_V9_1 iris    exon    29855754        29856137        .       +
        .       Parent=Smp_129830.1;Name=6b25680a-5a17-4774-
a777-9d1a9aaa1612
SM_V9_1 iris    exon    29856784        29857114        .       +
        .       Parent=Smp_129830.1;Name=486341d3-8f06-4f1e-
a58f-658b485abb73
SM_V9_1 iris    exon    29858781        29859496        .       +
        .       Parent=Smp_129830.1;Name=8746b434-d97f-4759-
a553-954429b0f96f
SM_V9_1 iris    CDS     29796201        29796621        .       +
        0       Parent=Smp_129830.1
SM_V9_1 iris    CDS     29814761        29815404        .       +
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SM_V9_1 iris    CDS     29840590        29840898        .       +
        0       Parent=Smp_129830.1
SM_V9_1 iris    CDS     29841833        29842231        .       +
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SM_V9_1 iris    CDS     29843886        29844029        .       +
        0       Parent=Smp_129830.1
SM_V9_1 iris    CDS     29850254        29850619        .       +
        0       Parent=Smp_129830.1
SM_V9_1 iris    CDS     29851342        29851483        .       +
        0       Parent=Smp_129830.1
SM_V9_1 iris    CDS     29853040        29853500        .       +
        2       Parent=Smp_129830.1
SM_V9_1 iris    CDS     29853592        29854194        .       +
        0       Parent=Smp_129830.1
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SM_V9_1 iris    CDS     29856784        29857114        .       +
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        2       Parent=Smp_129830.1
SM_V9_1 Liftoff gene    29747372        29747524        .       -
        .       ID=Smp_200710;geneID=Smp_200710
SM_V9_1 Liftoff mRNA    29747372        29747524        .       -
        .
ID=Smp_200710.1;Parent=Smp_200710;geneID=Smp_200710;product=Envelope
glycoprotein gp160
SM_V9_1 Liftoff exon    29747372        29747524        .       -
        .       Parent=Smp_200710.1
SM_V9_1 Liftoff CDS     29747372        29747524        .       -
        0       Parent=Smp_200710.1
SM_V9_1 Liftoff gene    29944069        29960915        .       -
        .       ID=Smp_014170;geneID=Smp_014170
SM_V9_1 Liftoff mRNA    29944069        29960915        .       -
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ID=Smp_014170.1;Parent=Smp_014170;geneID=Smp_014170;product=Serine/
threonine-protein kinase
MARK2;polypeptide_domain=InterPro:IPR000719,IPR001772,IPR008271,IPR0
11009,IPR017441,IPR028375
Pfam:PF00069,PF02149;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    29944069        29945489        .       -
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        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29949636        29950466        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29950895        29950937        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29952987        29953432        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29956283        29956506        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29958424        29958648        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29959844        29960106        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29960140        29960205        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29960237        29960285        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29960322        29960375        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff exon    29960407        29960915        .       -
        .       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29945027        29945489        .       -
        1       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29948176        29948250        .       -
        1       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29949636        29950466        .       -
        1       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29950895        29950937        .       -
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        2       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29952987        29953432        .       -
        1       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29956283        29956506        .       -
        0       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29958424        29958648        .       -
        0       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29959844        29960106        .       -
        2       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29960140        29960205        .       -
        2       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29960237        29960285        .       -
        0       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29960322        29960375        .       -
        0       Parent=Smp_014170.1
SM_V9_1 Liftoff CDS     29960407        29960742        .       -
        0       Parent=Smp_014170.1
SM_V9_1 Liftoff gene    29974180        29977124        .       +
        .       ID=Smp_098330;geneID=Smp_098330
SM_V9_1 Liftoff mRNA    29974180        29977124        .       +
        .
ID=Smp_098330.1;Parent=Smp_098330;geneID=Smp_098330;product=H/ACA
ribonucleoprotein complex subunit
2;polypeptide_domain=InterPro:IPR004037,IPR004038,IPR018492,IPR02906
4 Pfam:PF01248;Ontology_term=GO:0030529,GO:0042254
SM_V9_1 Liftoff exon    29974180        29977124        .       +
        .       Parent=Smp_098330.1
SM_V9_1 Liftoff CDS     29976381        29976836        .       +
        0       Parent=Smp_098330.1
SM_V9_1 iris    gene    29978139        30003826        .       -
        .
ID=Smp_098320;geneID=Smp_098320;gene_name=Smp_098320;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    29978139        30003826        .       -
        .
ID=Smp_098320.1;Parent=Smp_098320;geneID=Smp_098320;gene_name=Smp_09
8320;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_098320.1;product=Inositol-tetrakisphosphate 1-
kinase;date_creation=2022-08-02
SM_V9_1 iris    exon    29978139        29978804        .       -
        .       Parent=Smp_098320.1;Name=05d9ccf2-be4f-49be-b7be-
ca52ebd5068d
SM_V9_1 iris    exon    29978896        29979091        .       -
        .       Parent=Smp_098320.1;Name=3535eca0-916a-4038-
aeb5-05174cd27665
SM_V9_1 iris    exon    29983391        29983461        .       -
        .
Parent=Smp_098320.1;Name=c0a6833d-5ff0-4a90-93f6-8fd461c993c9
SM_V9_1 iris    exon    29988870        29989029        .       -
        .       Parent=Smp_098320.1;Name=97ff21bc-99f0-4d9e-8cb2-
c8696f9c3d1a
SM_V9_1 iris    exon    29993923        29993966        .       -
        .       Parent=Smp_098320.1;Name=48342a43-a0d6-484d-
b63e-4df64d28264b
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SM_V9_1 iris    exon    30002024        30002110        .       -
        .
Parent=Smp_098320.1;Name=0de4fcef-680f-4a6a-838a-734051000e09
SM_V9_1 iris    exon    30003285        30003405        .       -
        .       Parent=Smp_098320.1;Name=a179ec15-
e488-4e5d-81b0-3f14ceaa80fd
SM_V9_1 iris    exon    30003440        30003559        .       -
        .       Parent=Smp_098320.1;Name=6f3b9c32-d938-4630-
a994-710f17703f84
SM_V9_1 iris    exon    30003599        30003620        .       -
        .       Parent=Smp_098320.1;Name=9c7d0ac1-740e-4746-9f41-
cbce6c97618f
SM_V9_1 iris    exon    30003659        30003826        .       -
        .       Parent=Smp_098320.1;Name=43311476-ca71-429c-8029-
fcc195d1bcfe
SM_V9_1 iris    CDS     29978794        29978804        .       -
        2       Parent=Smp_098320.1
SM_V9_1 iris    CDS     29978896        29979091        .       -
        0       Parent=Smp_098320.1
SM_V9_1 iris    CDS     29983391        29983461        .       -
        2       Parent=Smp_098320.1
SM_V9_1 iris    CDS     29988870        29989029        .       -
        0       Parent=Smp_098320.1
SM_V9_1 iris    CDS     29993923        29993966        .       -
        2       Parent=Smp_098320.1
SM_V9_1 iris    CDS     30002024        30002110        .       -
        2       Parent=Smp_098320.1
SM_V9_1 iris    CDS     30003285        30003405        .       -
        0       Parent=Smp_098320.1
SM_V9_1 iris    CDS     30003440        30003559        .       -
        0       Parent=Smp_098320.1
SM_V9_1 iris    CDS     30003599        30003620        .       -
        1       Parent=Smp_098320.1
SM_V9_1 iris    CDS     30003659        30003735        .       -
        0       Parent=Smp_098320.1
SM_V9_1 iris    mRNA    29978139        30003826        .       -
        .
ID=Smp_098320.2;Parent=Smp_098320;geneID=Smp_098320;gene_name=Smp_09
8320;owner=irisadmin@local.host;orig_id=Smp_098320.4;date_last_modif
ied=2022-08-02;Name=Smp_098320.2;product=Inositol-tetrakisphosphate
1-kinase;date_creation=2022-07-27
SM_V9_1 iris    exon    29978139        29978522        .       -
        .       Parent=Smp_098320.2;Name=2c0b83d4-1879-48d4-
a568-53a2d6813d3d
SM_V9_1 iris    exon    29978896        29979091        .       -
        .       Parent=Smp_098320.2;Name=ecb70dde-8e01-43d6-
aba7-8d90ef9d6bc8
SM_V9_1 iris    exon    29983391        29983461        .       -
        .
Parent=Smp_098320.2;Name=8786286b-6449-4c9a-8a41-25e2fcd03e1b
SM_V9_1 iris    exon    29988870        29989029        .       -
        .       Parent=Smp_098320.2;Name=d11aa888-6165-4d15-
ac8e-956fec5ae60e
SM_V9_1 iris    exon    29993923        29993966        .       -
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        .       Parent=Smp_098320.2;Name=f23be6dc-35f2-41ed-
ac02-356bcf6df386
SM_V9_1 iris    exon    30002024        30002110        .       -
        .       Parent=Smp_098320.2;Name=b3abd3bf-
c20f-4359-86de-60d84f821b7f
SM_V9_1 iris    exon    30003285        30003405        .       -
        .
Parent=Smp_098320.2;Name=df1acd87-63d5-422c-894a-8d95026bf1d4
SM_V9_1 iris    exon    30003440        30003559        .       -
        .
Parent=Smp_098320.2;Name=9dbeacaf-8241-41bc-8ac7-3d18f0926fa6
SM_V9_1 iris    exon    30003599        30003620        .       -
        .
Parent=Smp_098320.2;Name=d5a50ddc-03a1-47a7-8436-08820433389a
SM_V9_1 iris    exon    30003659        30003826        .       -
        .       Parent=Smp_098320.2;Name=6d882eef-fe77-4578-
b80f-5e1ff542d86c
SM_V9_1 iris    CDS     29978419        29978522        .       -
        2       Parent=Smp_098320.2
SM_V9_1 iris    CDS     29978896        29979091        .       -
        0       Parent=Smp_098320.2
SM_V9_1 iris    CDS     29983391        29983461        .       -
        2       Parent=Smp_098320.2
SM_V9_1 iris    CDS     29988870        29989029        .       -
        0       Parent=Smp_098320.2
SM_V9_1 iris    CDS     29993923        29993966        .       -
        2       Parent=Smp_098320.2
SM_V9_1 iris    CDS     30002024        30002110        .       -
        2       Parent=Smp_098320.2
SM_V9_1 iris    CDS     30003285        30003405        .       -
        0       Parent=Smp_098320.2
SM_V9_1 iris    CDS     30003440        30003559        .       -
        0       Parent=Smp_098320.2
SM_V9_1 iris    CDS     30003599        30003620        .       -
        1       Parent=Smp_098320.2
SM_V9_1 iris    CDS     30003659        30003735        .       -
        0       Parent=Smp_098320.2
SM_V9_1 iris    gene    30010345        30022913        .       +
        .
ID=Smp_347350;geneID=Smp_347350;gene_name=Smp_347350;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30010345        30022913        .       +
        .
ID=Smp_347350.1;Parent=Smp_347350;geneID=Smp_347350;gene_name=Smp_34
7350;owner=irisadmin@local.host;orig_id=Smp_347350.1;date_last_modif
ied=2022-08-02;Name=Smp_347350.1;product=Autophagy-related protein
16-1;date_creation=2022-07-27
SM_V9_1 iris    exon    30010345        30010482        .       +
        .       Parent=Smp_347350.1;Name=b6cd59c5-6304-4274-
a622-1ddf32a0e671
SM_V9_1 iris    exon    30010517        30010631        .       +
        .       Parent=Smp_347350.1;Name=48b98376-8299-4844-8d31-
e5a8c47a26b0
SM_V9_1 iris    exon    30010669        30010753        .       +
```

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        .       Parent=Smp_347350.1;Name=0ee2683d-7062-407d-9bac-
e945801b9181
SM_V9_1 iris    exon    30010787        30010860        .       +
        .       Parent=Smp_347350.1;Name=2f05770a-175f-46c8-a1b2-
aa0276f30329
SM_V9_1 iris    exon    30010895        30010985        .       +
        .       Parent=Smp_347350.1;Name=6c1a4465-5088-4eeb-9abb-
b403e9e0e985
SM_V9_1 iris    exon    30011023        30011183        .       +
        .       Parent=Smp_347350.1;Name=b36d0643-b6b1-4238-ab17-
a255210c63b6
SM_V9_1 iris    exon    30011213        30011281        .       +
        .       Parent=Smp_347350.1;Name=2419e941-4cb4-4858-
a1ed-4ff14491ee50
SM_V9_1 iris    exon    30011314        30011377        .       +
        .       Parent=Smp_347350.1;Name=67b71f68-7909-454a-a84b-
f24008f3ed68
SM_V9_1 iris    exon    30011418        30011523        .       +
        .       Parent=Smp_347350.1;Name=b7c0210b-8653-4581-bc4c-
ea63b45832a8
SM_V9_1 iris    exon    30011749        30011819        .       +
        .
Parent=Smp_347350.1;Name=e52e74d8-8f6b-4bf1-81ae-6d8f10057654
SM_V9_1 iris    exon    30013597        30013764        .       +
        .
Parent=Smp_347350.1;Name=cd39100a-8766-41cd-9bdc-8707f3f8ae03
SM_V9_1 iris    exon    30014363        30014564        .       +
        .       Parent=Smp_347350.1;Name=b5f8ff39-cf3a-40f7-899a-
a9ed65e2c808
SM_V9_1 iris    exon    30019931        30020162        .       +
        .       Parent=Smp_347350.1;Name=bbbc540a-ba5c-4e89-
b06d-766641d4c171
SM_V9_1 iris    exon    30022502        30022913        .       +
        .       Parent=Smp_347350.1;Name=7014b924-ae61-4f9d-b4a2-
d8e239981bc5
SM_V9_1 iris    CDS     30010383        30010482        .       +
        0       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30010517        30010631        .       +
        2       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30010669        30010753        .       +
        1       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30010787        30010860        .       +
        0       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30010895        30010985        .       +
        1       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30011023        30011183        .       +
        0       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30011213        30011281        .       +
        1       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30011314        30011377        .       +
        1       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30011418        30011523        .       +
        0       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30011749        30011819        .       +
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        2       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30013597        30013764        .       +
        0       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30014363        30014564        .       +
        0       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30019931        30020162        .       +
        2       Parent=Smp_347350.1
SM_V9_1 iris    CDS     30022502        30022595        .       +
        1       Parent=Smp_347350.1
SM_V9_1 Liftoff gene    30025970        30027893        .       +
        .
ID=Smp_210830;geneID=Smp_210830;previous_systematic_id=Smp_135430
SM_V9_1 Liftoff mRNA    30025970        30027893        .       +
        .
ID=Smp_210830.1;Parent=Smp_210830;geneID=Smp_210830;product=U6
snRNA-associated Sm-like protein
LSm7;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR017132
Pfam:PF01423;Ontology_term=GO:0000398,GO:0000956
SM_V9_1 Liftoff exon    30025970        30026326        .       +
        .       Parent=Smp_210830.1
SM_V9_1 Liftoff exon    30027663        30027893        .       +
        .       Parent=Smp_210830.1
SM_V9_1 Liftoff CDS     30026085        30026326        .       +
        0       Parent=Smp_210830.1
SM_V9_1 Liftoff CDS     30027663        30027738        .       +
        1       Parent=Smp_210830.1
SM_V9_1 Liftoff gene    30056706        30064936        .       -
        .       ID=Smp_024490;geneID=Smp_024490
SM_V9_1 Liftoff mRNA    30056706        30064936        .       -
        .
ID=Smp_024490.1;Parent=Smp_024490;geneID=Smp_024490;product=UPF0160
protein MYG1, mitochondrial;polypeptide_domain=InterPro:IPR003226
Pfam:PF03690
SM_V9_1 Liftoff exon    30056706        30057406        .       -
        .       Parent=Smp_024490.1
SM_V9_1 Liftoff exon    30062295        30062647        .       -
        .       Parent=Smp_024490.1
SM_V9_1 Liftoff exon    30064225        30064303        .       -
        .       Parent=Smp_024490.1
SM_V9_1 Liftoff exon    30064334        30064404        .       -
        .       Parent=Smp_024490.1
SM_V9_1 Liftoff exon    30064436        30064595        .       -
        .       Parent=Smp_024490.1
SM_V9_1 Liftoff exon    30064633        30064936        .       -
        .       Parent=Smp_024490.1
SM_V9_1 Liftoff CDS     30057142        30057406        .       -
        1       Parent=Smp_024490.1
SM_V9_1 Liftoff CDS     30062295        30062647        .       -
        0       Parent=Smp_024490.1
SM_V9_1 Liftoff CDS     30064225        30064303        .       -
        1       Parent=Smp_024490.1
SM_V9_1 Liftoff CDS     30064334        30064404        .       -
        0       Parent=Smp_024490.1
SM_V9_1 Liftoff CDS     30064436        30064595        .       -
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        1       Parent=Smp_024490.1
SM_V9_1 Liftoff CDS     30064633        30064853        .       -
        0       Parent=Smp_024490.1
SM_V9_1 iris    gene    30085655        30098061        .       +
        .
ID=Smp_024500;geneID=Smp_024500;gene_name=Smp_024500;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    30085655        30098061        .       +
        .
ID=Smp_024500.1;Parent=Smp_024500;geneID=Smp_024500;gene_name=Smp_02
4500;owner=irisadmin@local.host;orig_id=Smp_024500.1;date_last_modif
ied=2022-08-02;Name=Smp_024500.1;product=Polymerase delta-
interacting protein 2;date_creation=2022-08-02
SM_V9_1 iris    exon    30085655        30085768        .       +
        .       Parent=Smp_024500.1;Name=3747df79-4532-4cd8-
ada4-83ab4b6c6841
SM_V9_1 iris    exon    30088805        30089072        .       +
        .
Parent=Smp_024500.1;Name=1e8cdbff-1d5c-458e-9112-6bd2f37d17e4
SM_V9_1 iris    exon    30089109        30089261        .       +
        .
Parent=Smp_024500.1;Name=5198cf10-1d89-4e32-89ce-16ba88a22a2a
SM_V9_1 iris    exon    30089297        30089387        .       +
        .       Parent=Smp_024500.1;Name=45566a5a-c4e1-4ffa-
a4f8-26ae9cfdd883
SM_V9_1 iris    exon    30089423        30089498        .       +
        .       Parent=Smp_024500.1;Name=ea4910a7-2c4b-4685-
b113-645e9e578bbf
SM_V9_1 iris    exon    30089530        30089637        .       +
        .       Parent=Smp_024500.1;Name=7b35129b-
a68b-4597-86f7-9c2287090659
SM_V9_1 iris    exon    30092047        30092192        .       +
        .
Parent=Smp_024500.1;Name=3b998e01-1aae-467a-85fc-3c8fb37a7c1a
SM_V9_1 iris    exon    30092272        30092298        .       +
        .
Parent=Smp_024500.1;Name=76395c13-409f-49f7-80a6-4fc868b1f521
SM_V9_1 iris    exon    30097571        30097696        .       +
        .       Parent=Smp_024500.1;Name=506001ad-904f-4988-a36a-
ee143d13be91
SM_V9_1 iris    exon    30097752        30098061        .       +
        .       Parent=Smp_024500.1;Name=9347ae9e-
a130-47d8-8442-5773bce2849a
SM_V9_1 iris    CDS     30088957        30089072        .       +
        0       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30089109        30089261        .       +
        1       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30089297        30089387        .       +
        1       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30089423        30089498        .       +
        0       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30089530        30089637        .       +
        2       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30092047        30092192        .       +
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        2       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30092272        30092298        .       +
        0       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30097571        30097696        .       +
        0       Parent=Smp_024500.1
SM_V9_1 iris    CDS     30097752        30097946        .       +
        0       Parent=Smp_024500.1
SM_V9_1 iris    gene    30098064        30108331        .       -
        .
ID=Smp_208090;geneID=Smp_208090;gene_name=Smp_208090;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30098064        30108331        .       -
        .
ID=Smp_208090.1;Parent=Smp_208090;geneID=Smp_208090;gene_name=Smp_20
8090;owner=irisadmin@local.host;orig_id=Smp_208090.2;date_last_modif
ied=2022-08-02;Name=Smp_208090.1;product=Hypothetical
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    30098064        30100878        .       -
        .       Parent=Smp_208090.1;Name=2bc16b29-ad8e-4b40-951e-
bda021bb2038
SM_V9_1 iris    exon    30101324        30101544        .       -
        .       Parent=Smp_208090.1;Name=90f65ffb-ba45-4139-
b927-1303890dd358
SM_V9_1 iris    exon    30102384        30102809        .       -
        .       Parent=Smp_208090.1;Name=f2b15799-d4b5-490a-8fd9-
c13d9dc62b11
SM_V9_1 iris    exon    30108191        30108331        .       -
        .       Parent=Smp_208090.1;Name=9063545f-34a0-4651-b6df-
f9cd7c0d96fa
SM_V9_1 iris    CDS     30099017        30100878        .       -
        2       Parent=Smp_208090.1
SM_V9_1 iris    CDS     30101324        30101544        .       -
        1       Parent=Smp_208090.1
SM_V9_1 iris    CDS     30102384        30102805        .       -
        0       Parent=Smp_208090.1
SM_V9_1 iris    gene    30126400        30134042        .       +
        .
ID=Smp_167850;geneID=Smp_167850;gene_name=Smp_167850;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30126400        30134042        .       +
        .
ID=Smp_167850.1;Parent=Smp_167850;geneID=Smp_167850;gene_name=Smp_16
7850;owner=irisadmin@local.host;orig_id=Smp_167850.1;date_last_modif
ied=2022-08-02;Name=Smp_167850.1;product=Carboxypeptidase
M;date_creation=2022-07-27
SM_V9_1 iris    exon    30126400        30126675        .       +
        .       Parent=Smp_167850.1;Name=9b330b8f-6d30-4391-
be3d-5b9c5f05b474
SM_V9_1 iris    exon    30126708        30126793        .       +
        .       Parent=Smp_167850.1;Name=ae6bf677-0aa3-43ce-8cc3-
aebdd8ebdb39
SM_V9_1 iris    exon    30126828        30127104        .       +
        .       Parent=Smp_167850.1;Name=97c046e8-f258-4703-a4b0-
d4066202c3c5
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SM_V9_1 iris    exon    30127137        30127323        .       +
        .       Parent=Smp_167850.1;Name=e5c13bd7-6cf0-479a-
adfd-6057c60e5bbd
SM_V9_1 iris    exon    30127357        30128762        .       +
        .
Parent=Smp_167850.1;Name=88138a78-6d7c-4e8b-90ba-83c0e4a389bb
SM_V9_1 iris    exon    30133710        30134042        .       +
        .       Parent=Smp_167850.1;Name=4fbac47c-4a45-41b7-aa2f-
e01a6ed2ed1a
SM_V9_1 iris    CDS     30126626        30126675        .       +
        0       Parent=Smp_167850.1
SM_V9_1 iris    CDS     30126708        30126793        .       +
        1       Parent=Smp_167850.1
SM_V9_1 iris    CDS     30126828        30127104        .       +
        2       Parent=Smp_167850.1
SM_V9_1 iris    CDS     30127137        30127323        .       +
        1       Parent=Smp_167850.1
SM_V9_1 iris    CDS     30127357        30128762        .       +
        0       Parent=Smp_167850.1
SM_V9_1 iris    CDS     30133710        30133851        .       +
        1       Parent=Smp_167850.1
SM_V9_1 Liftoff gene    30147710        30177392        .       +
        .       ID=Smp_200410;geneID=Smp_200410
SM_V9_1 Liftoff mRNA    30147710        30177392        .       +
        .
ID=Smp_200410.1;Parent=Smp_200410;geneID=Smp_200410;product=Thymidyl
ate
synthase;polypeptide_domain=InterPro:IPR000398,IPR020940,IPR023451
Pfam:PF00303;Ontology_term=GO:0004799,GO:0006231
SM_V9_1 Liftoff exon    30147710        30159184        .       +
        .       Parent=Smp_200410.1
SM_V9_1 Liftoff exon    30162806        30163016        .       +
        .       Parent=Smp_200410.1
SM_V9_1 Liftoff exon    30164697        30164847        .       +
        .       Parent=Smp_200410.1
SM_V9_1 Liftoff exon    30166172        30166342        .       +
        .       Parent=Smp_200410.1
SM_V9_1 Liftoff exon    30170239        30170339        .       +
        .       Parent=Smp_200410.1
SM_V9_1 Liftoff exon    30170880        30171026        .       +
        .       Parent=Smp_200410.1
SM_V9_1 Liftoff exon    30177173        30177392        .       +
        .       Parent=Smp_200410.1
SM_V9_1 Liftoff CDS     30159150        30159184        .       +
        0       Parent=Smp_200410.1
SM_V9_1 Liftoff CDS     30162806        30163016        .       +
        1       Parent=Smp_200410.1
SM_V9_1 Liftoff CDS     30164697        30164847        .       +
        0       Parent=Smp_200410.1
SM_V9_1 Liftoff CDS     30166172        30166342        .       +
        2       Parent=Smp_200410.1
SM_V9_1 Liftoff CDS     30170239        30170339        .       +
        2       Parent=Smp_200410.1
SM_V9_1 Liftoff CDS     30170880        30171026        .       +
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        0       Parent=Smp_200410.1
SM_V9_1 Liftoff CDS     30177173        30177310        .       +
        0       Parent=Smp_200410.1
SM_V9_1 Liftoff gene    30227820        30281528        .       +
        .       ID=Smp_093210;geneID=Smp_093210
SM_V9_1 Liftoff mRNA    30227820        30281528        .       +
        .
ID=Smp_093210.1;Parent=Smp_093210;geneID=Smp_093210;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_1 Liftoff exon    30227820        30270492        .       +
        .       Parent=Smp_093210.1
SM_V9_1 Liftoff exon    30276884        30277465        .       +
        .       Parent=Smp_093210.1
SM_V9_1 Liftoff exon    30280669        30281528        .       +
        .       Parent=Smp_093210.1
SM_V9_1 Liftoff CDS     30269506        30270492        .       +
        0       Parent=Smp_093210.1
SM_V9_1 Liftoff CDS     30276884        30277465        .       +
        0       Parent=Smp_093210.1
SM_V9_1 Liftoff CDS     30280669        30281073        .       +
        0       Parent=Smp_093210.1
SM_V9_1 Liftoff gene    30285430        30325271        .       +
        .       ID=Smp_093220;geneID=Smp_093220
SM_V9_1 Liftoff mRNA    30285430        30325271        .       +
        .
ID=Smp_093220.1;Parent=Smp_093220;geneID=Smp_093220;product=Ankyrin
repeat domain-containing protein
13D;polypeptide_domain=InterPro:IPR002110,IPR020683,IPR021832
Pfam:PF11904,PF12796;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    30285430        30290930        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30290971        30291106        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30291147        30291317        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30292268        30292414        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30293117        30293360        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30295803        30295869        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30298435        30298674        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30303471        30303750        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30318400        30318705        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30320184        30320308        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30321505        30321572        .       +
        .       Parent=Smp_093220.1
SM_V9_1 Liftoff exon    30324034        30325271        .       +
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        .       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30290835        30290930        .       +
        0       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30290971        30291106        .       +
        0       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30291147        30291317        .       +
        2       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30292268        30292414        .       +
        2       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30293117        30293360        .       +
        2       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30295803        30295869        .       +
        1       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30298435        30298674        .       +
        0       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30303471        30303750        .       +
        0       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30318400        30318705        .       +
        2       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30320184        30320308        .       +
        2       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30321505        30321572        .       +
        0       Parent=Smp_093220.1
SM_V9_1 Liftoff CDS     30324034        30324211        .       +
        1       Parent=Smp_093220.1
SM_V9_1 iris    gene    30328139        30331882        .       -
        .
ID=Smp_093230;geneID=Smp_093230;gene_name=Smp_093230;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
SM_V9_1 iris    mRNA    30328139        30331882        .       -
        .
ID=Smp_093230.1;Parent=Smp_093230;geneID=Smp_093230;gene_name=Smp_09
3230;owner=irisadmin@local.host;orig_id=Smp_093230.1;date_last_modif
ied=2022-08-25;Name=Smp_093230.1;product=Actin-related protein
10;date_creation=2022-08-25
SM_V9_1 iris    exon    30328139        30328504        .       -
        .       Parent=Smp_093230.1;Name=12577a76-bd3e-4f26-a029-
bc1c850e0051
SM_V9_1 iris    exon    30328996        30329180        .       -
        .       Parent=Smp_093230.1;Name=8f05b5b7-37a9-4b4d-
aa43-0e4863681818
SM_V9_1 iris    exon    30330669        30330936        .       -
        .       Parent=Smp_093230.1;Name=84517274-31f4-4f6a-a76e-
f93910eedd45
SM_V9_1 iris    exon    30330969        30331087        .       -
        .
Parent=Smp_093230.1;Name=0e54cc15-360c-445d-9535-5ba99b725dea
SM_V9_1 iris    exon    30331130        30331197        .       -
        .       Parent=Smp_093230.1;Name=9747171a-151c-4dca-96e6-
b8ee2dfd5d54
SM_V9_1 iris    exon    30331233        30331340        .       -
        .
Parent=Smp_093230.1;Name=f4b668be-789a-4749-89fd-12d504eee3df
SM_V9_1 iris    exon    30331381        30331489        .       -
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        .       Parent=Smp_093230.1;Name=7224c1bf-716d-4e2b-
a7cd-37024162d19f
SM_V9_1 iris    exon    30331524        30331615        .       -
        .       Parent=Smp_093230.1;Name=a51a36d6-0ab3-42a4-8c02-
eb95c0d2afe3
SM_V9_1 iris    exon    30331652        30331709        .       -
        .       Parent=Smp_093230.1;Name=bc56d67d-0b6e-4d74-9dcb-
e55ae8d6b23c
SM_V9_1 iris    exon    30331745        30331882        .       -
        .       Parent=Smp_093230.1;Name=fab315af-
f7a9-4dd2-8b6d-2dffcb654592
SM_V9_1 iris    CDS     30328359        30328504        .       -
        2       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30328996        30329180        .       -
        1       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30330669        30330936        .       -
        2       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30330969        30331087        .       -
        1       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30331130        30331197        .       -
        0       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30331233        30331340        .       -
        0       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30331381        30331489        .       -
        1       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30331524        30331615        .       -
        0       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30331652        30331709        .       -
        1       Parent=Smp_093230.1
SM_V9_1 iris    CDS     30331745        30331818        .       -
        0       Parent=Smp_093230.1
SM_V9_1 iris    gene    30345198        30354308        .       +
        .
ID=Smp_173180;geneID=Smp_173180;gene_name=Smp_173180;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30345198        30354308        .       +
        .
ID=Smp_173180.1;Parent=Smp_173180;geneID=Smp_173180;gene_name=Smp_17
3180;owner=irisadmin@local.host;orig_id=Smp_173180.1;date_last_modif
ied=2022-08-02;Name=Smp_173180.1;product=GTP-binding protein
128up;date_creation=2022-07-27
SM_V9_1 iris    exon    30345198        30345285        .       +
        .       Parent=Smp_173180.1;Name=68f782d2-
dc34-4993-84e1-11a0eedea1e4
SM_V9_1 iris    exon    30348665        30349031        .       +
        .       Parent=Smp_173180.1;Name=90616466-dc1f-48a6-
ba68-7196ee1aabda
SM_V9_1 iris    exon    30349076        30349245        .       +
        .       Parent=Smp_173180.1;Name=c2d3d769-ce50-4111-
a091-1cbb48784644
SM_V9_1 iris    exon    30349289        30349474        .       +
        .       Parent=Smp_173180.1;Name=d685ce4e-4e5b-457f-8f27-
a0ceed8fd925
SM_V9_1 iris    exon    30349513        30349748        .       +
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        .       Parent=Smp_173180.1;Name=6b520e64-0d3b-4f08-
b85f-4e883e94f3c4
SM_V9_1 iris    exon    30353198        30353293        .       +
        .       Parent=Smp_173180.1;Name=05fa9ed9-4854-4738-
bd10-3a433a2b0ea7
SM_V9_1 iris    exon    30354033        30354308        .       +
        .
Parent=Smp_173180.1;Name=760bb86a-2922-4c2c-812d-55708ce980f6
SM_V9_1 iris    CDS     30345199        30345285        .       +
        0       Parent=Smp_173180.1
SM_V9_1 iris    CDS     30348665        30349031        .       +
        0       Parent=Smp_173180.1
SM_V9_1 iris    CDS     30349076        30349245        .       +
        2       Parent=Smp_173180.1
SM_V9_1 iris    CDS     30349289        30349474        .       +
        0       Parent=Smp_173180.1
SM_V9_1 iris    CDS     30349513        30349748        .       +
        0       Parent=Smp_173180.1
SM_V9_1 iris    CDS     30353198        30353293        .       +
        1       Parent=Smp_173180.1
SM_V9_1 iris    CDS     30354033        30354039        .       +
        1       Parent=Smp_173180.1
SM_V9_1 iris    gene    30359978        30365368        .       +
        .
ID=Smp_131790;geneID=Smp_131790;gene_name=Smp_131790;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30359978        30365368        .       +
        .
ID=Smp_131790.1;Parent=Smp_131790;geneID=Smp_131790;gene_name=Smp_13
1790;owner=irisadmin@local.host;orig_id=Smp_131790.1;date_last_modif
ied=2022-08-02;Name=Smp_131790.1;product=Cytochrome c oxidase
assembly factor 6 homolog;date_creation=2022-07-27
SM_V9_1 iris    exon    30359978        30360168        .       +
        .       Parent=Smp_131790.1;Name=e6a9512f-1a95-4ff5-8878-
be22573c0629
SM_V9_1 iris    exon    30363579        30365368        .       +
        .       Parent=Smp_131790.1;Name=82a00332-
d7c3-46d7-9846-199a84aba147
SM_V9_1 iris    CDS     30359986        30360168        .       +
        0       Parent=Smp_131790.1
SM_V9_1 iris    CDS     30363579        30363671        .       +
        0       Parent=Smp_131790.1
SM_V9_1 iris    gene    30366318        30453014        .       -
        .
ID=Smp_173190;geneID=Smp_173190;gene_name=Smp_173190;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30366318        30453014        .       -
        .
ID=Smp_173190.1;Parent=Smp_173190;geneID=Smp_173190;gene_name=Smp_17
3190;owner=irisadmin@local.host;orig_id=Smp_173190.4;date_last_modif
ied=2022-08-02;Name=Smp_173190.1;product=Hypothetical
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    30366318        30368104        .       -
        .       Parent=Smp_173190.1;Name=d5f9ee96-39a7-4ad9-
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be6a-665d6b8ee691
SM_V9_1 iris    exon    30372614        30372700        .       -
        .       Parent=Smp_173190.1;Name=bb7d617d-9385-4de3-ba62-
b6e85ea05d6d
SM_V9_1 iris    exon    30375753        30375857        .       -
        .       Parent=Smp_173190.1;Name=4026e63d-7684-4544-
bebd-1e9edff20664
SM_V9_1 iris    exon    30379379        30379486        .       -
        .       Parent=Smp_173190.1;Name=5abe7d9b-
f12f-4175-9592-394a84a5ca98
SM_V9_1 iris    exon    30387243        30387401        .       -
        .       Parent=Smp_173190.1;Name=4afdf602-8954-4cc6-
be1d-390d6e80a0dc
SM_V9_1 iris    exon    30389334        30389487        .       -
        .       Parent=Smp_173190.1;Name=1089533d-ef30-41b6-9d26-
c734dd7445cb
SM_V9_1 iris    exon    30394094        30394637        .       -
        .       Parent=Smp_173190.1;Name=cacc5a13-
da11-48d9-8faf-01ad89ebca84
SM_V9_1 iris    exon    30396316        30396472        .       -
        .       Parent=Smp_173190.1;Name=214bb495-d419-42bd-94b7-
e2aba1dd4eba
SM_V9_1 iris    exon    30398909        30398988        .       -
        .       Parent=Smp_173190.1;Name=8d21306c-b9fc-4122-a0b5-
c19d2ae3a109
SM_V9_1 iris    exon    30399708        30399746        .       -
        .       Parent=Smp_173190.1;Name=4ed10411-8e2d-4198-
a37d-1b6a7313f3c8
SM_V9_1 iris    exon    30402486        30402609        .       -
        .       Parent=Smp_173190.1;Name=aa8d017d-75bc-4516-bbb3-
fdd182bc3a0e
SM_V9_1 iris    exon    30404155        30404323        .       -
        .       Parent=Smp_173190.1;Name=a4405044-bc0f-4069-
aaa2-6f83cb261c48
SM_V9_1 iris    exon    30406308        30406632        .       -
        .       Parent=Smp_173190.1;Name=c1c6e469-
c6af-42e7-88b9-1ae43d1f82fc
SM_V9_1 iris    exon    30407477        30407761        .       -
        .       Parent=Smp_173190.1;Name=536700d0-f25e-4632-
b694-849014d3473d
SM_V9_1 iris    exon    30412105        30412213        .       -
        .
Parent=Smp_173190.1;Name=21e5e86f-13de-4365-8a2b-237b31ac4447
SM_V9_1 iris    exon    30419357        30419560        .       -
        .       Parent=Smp_173190.1;Name=64366a61-
b114-40a1-84c2-89ed01a4e8c1
SM_V9_1 iris    exon    30420685        30420799        .       -
        .       Parent=Smp_173190.1;Name=651637ce-4af9-4755-b8e3-
c10dfb5aa12d
SM_V9_1 iris    exon    30423780        30423901        .       -
        .       Parent=Smp_173190.1;Name=0450b002-ee1c-4c94-aab7-
f8e5426e266b
SM_V9_1 iris    exon    30425031        30425297        .       -
        .       Parent=Smp_173190.1;Name=b3f1e506-7cb7-4290-
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a230-2c64746e0133
SM_V9_1 iris    exon    30428206        30428286        .       -
        .       Parent=Smp_173190.1;Name=5f773c57-f5b0-45f4-bae4-
c13c3344f848
SM_V9_1 iris    exon    30431482        30431811        .       -
        .       Parent=Smp_173190.1;Name=52bbffcd-
fa36-4827-817a-3bcd9603a19b
SM_V9_1 iris    exon    30435053        30435245        .       -
        .       Parent=Smp_173190.1;Name=b88eabee-7174-4317-98aa-
fe6c31b71a64
SM_V9_1 iris    exon    30437241        30437618        .       -
        .       Parent=Smp_173190.1;Name=a87db7b0-bd3d-4fcb-bd57-
f934fda81649
SM_V9_1 iris    exon    30439595        30440025        .       -
        .       Parent=Smp_173190.1;Name=308977dc-1fb1-4da3-
a405-18989d0d55ac
SM_V9_1 iris    exon    30452953        30453014        .       -
        .
Parent=Smp_173190.1;Name=b99fc003-738b-496b-8fc3-84efe709eb81
SM_V9_1 iris    CDS     30367982        30368104        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30372614        30372700        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30375753        30375857        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30379379        30379486        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30387243        30387401        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30389334        30389487        .       -
        1       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30394094        30394637        .       -
        2       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30396316        30396472        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30398909        30398988        .       -
        2       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30399708        30399746        .       -
        2       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30402486        30402609        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30404155        30404323        .       -
        1       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30406308        30406632        .       -
        2       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30407477        30407761        .       -
        2       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30412105        30412213        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30419357        30419560        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30420685        30420799        .       -
        1       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30423780        30423901        .       -
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        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30425031        30425297        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30428206        30428286        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30431482        30431811        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30435053        30435245        .       -
        1       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30437241        30437618        .       -
        1       Parent=Smp_173190.1
SM_V9_1 iris    CDS     30439595        30439989        .       -
        0       Parent=Smp_173190.1
SM_V9_1 iris    gene    30473598        30508883        .       +
        .
ID=Smp_081140;geneID=Smp_081140;gene_name=Smp_081140;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30473598        30508883        .       +
        .
ID=Smp_081140.1;Parent=Smp_081140;geneID=Smp_081140;gene_name=Smp_08
1140;owner=irisadmin@local.host;orig_id=Smp_081140.1;date_last_modif
ied=2022-08-02;Name=Smp_081140.1;product=Probable guanine nucleotide
exchange factor MCF2L2;date_creation=2022-07-27
SM_V9_1 iris    exon    30473598        30473646        .       +
        .       Parent=Smp_081140.1;Name=53b1d5dd-cd6e-45d1-
a182-348652814608
SM_V9_1 iris    exon    30474130        30474277        .       +
        .       Parent=Smp_081140.1;Name=2154b35d-3414-4f86-
ae34-2f5468b7434f
SM_V9_1 iris    exon    30474317        30474428        .       +
        .       Parent=Smp_081140.1;Name=d906442f-62e1-45d4-a6a7-
d2d0af8ba400
SM_V9_1 iris    exon    30474463        30474556        .       +
        .       Parent=Smp_081140.1;Name=1e657ec0-7e55-4a83-99b2-
f3176eafbf7b
SM_V9_1 iris    exon    30474596        30474826        .       +
        .       Parent=Smp_081140.1;Name=1846d334-fee1-4a04-9e0e-
ae6ffe92fe8c
SM_V9_1 iris    exon    30479314        30479829        .       +
        .       Parent=Smp_081140.1;Name=65f68175-0cdd-425c-8e7a-
d79d96f9ad23
SM_V9_1 iris    exon    30482984        30483452        .       +
        .       Parent=Smp_081140.1;Name=1165a143-685e-4e7d-acc2-
e66ccc62b7c1
SM_V9_1 iris    exon    30485648        30486021        .       +
        .
Parent=Smp_081140.1;Name=21de9f4b-538f-41b1-856f-0f38e9b328c3
SM_V9_1 iris    exon    30486347        30486553        .       +
        .       Parent=Smp_081140.1;Name=28ef8e33-
ad73-481a-83a2-0fca17f37c40
SM_V9_1 iris    exon    30491017        30491241        .       +
        .       Parent=Smp_081140.1;Name=b1b94197-dd6a-4d98-9639-
e8d005aedd74
SM_V9_1 iris    exon    30491899        30492087        .       +
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        .       Parent=Smp_081140.1;Name=c6c5d570-b1e9-41e9-
bbd9-98fa57ac6285
SM_V9_1 iris    exon    30497404        30497540        .       +
        .       Parent=Smp_081140.1;Name=934045cd-f650-49b2-
a7e9-2b976f6ad2e9
SM_V9_1 iris    exon    30499549        30499618        .       +
        .       Parent=Smp_081140.1;Name=e74748af-8759-4ef3-b175-
c52eccdce4f8
SM_V9_1 iris    exon    30501093        30501400        .       +
        .       Parent=Smp_081140.1;Name=74ce77cd-5f95-48c0-866d-
abfc931570b2
SM_V9_1 iris    exon    30502768        30502849        .       +
        .       Parent=Smp_081140.1;Name=48912516-278a-4d5a-
b685-9036a2e126e5
SM_V9_1 iris    exon    30503889        30504308        .       +
        .       Parent=Smp_081140.1;Name=d45c0f80-6eb9-40cc-a08d-
ceb50d2b1ae5
SM_V9_1 iris    exon    30505240        30505538        .       +
        .       Parent=Smp_081140.1;Name=21763967-
ac5e-46af-8e53-54c784431faf
SM_V9_1 iris    exon    30507030        30508883        .       +
        .       Parent=Smp_081140.1;Name=e638c64f-3410-413e-
a3de-2aa9655680f9
SM_V9_1 iris    CDS     30474181        30474277        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30474317        30474428        .       +
        2       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30474463        30474556        .       +
        1       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30474596        30474826        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30479314        30479829        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30482984        30483452        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30485648        30486021        .       +
        2       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30486347        30486553        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30491017        30491241        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30491899        30492087        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30497404        30497540        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30499549        30499618        .       +
        1       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30501093        30501400        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30502768        30502849        .       +
        1       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30503889        30504308        .       +
        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30505240        30505538        .       +
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        0       Parent=Smp_081140.1
SM_V9_1 iris    CDS     30507030        30507114        .       +
        1       Parent=Smp_081140.1
SM_V9_1 Liftoff gene    30510628        30541643        .       +
        .       ID=Smp_165930;geneID=Smp_165930
SM_V9_1 Liftoff mRNA    30510628        30541643        .       +
        .
ID=Smp_165930.1;Parent=Smp_165930;geneID=Smp_165930;product=Protein
flightless-1;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR0071
22,IPR007123,IPR029006,IPR032675
Pfam:PF00626,PF13855;Ontology_term=GO:0005515,GO:0051015
SM_V9_1 Liftoff exon    30510628        30515475        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30517817        30518098        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30519509        30519637        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30521981        30522251        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30523501        30523766        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30524853        30525077        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30525550        30525944        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30527686        30528175        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30528318        30528632        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30529363        30529722        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30530419        30530808        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30532986        30533171        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30536697        30536924        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff exon    30540864        30541643        .       +
        .       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30515056        30515475        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30517817        30518098        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30519509        30519637        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30521981        30522251        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30523501        30523766        .       +
        2       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30524853        30525077        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30525550        30525944        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30527686        30528175        .       +
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        1       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30528318        30528632        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30529363        30529722        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30530419        30530808        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30532986        30533171        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30536697        30536924        .       +
        0       Parent=Smp_165930.1
SM_V9_1 Liftoff CDS     30540864        30541073        .       +
        0       Parent=Smp_165930.1
SM_V9_1 iris    gene    30551678        30565183        .       +
        .
ID=Smp_165940;geneID=Smp_165940;gene_name=Smp_165940;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30551678        30565183        .       +
        .
ID=Smp_165940.1;Parent=Smp_165940;geneID=Smp_165940;gene_name=Smp_16
5940;owner=irisadmin@local.host;orig_id=Smp_165940.1;date_last_modif
ied=2022-08-02;Name=Smp_165940.1;product=Proto-oncogene
DBL;date_creation=2022-07-27
SM_V9_1 iris    exon    30551678        30551712        .       +
        .       Parent=Smp_165940.1;Name=37d1d620-1fe4-4b5a-8f85-
f651c94eec7b
SM_V9_1 iris    exon    30551828        30552027        .       +
        .
Parent=Smp_165940.1;Name=01056b4d-7090-4d2e-9e22-4191375cfea4
SM_V9_1 iris    exon    30553404        30553525        .       +
        .       Parent=Smp_165940.1;Name=5887eda0-c12f-47a4-
b216-3608f7dbca4e
SM_V9_1 iris    exon    30556227        30556296        .       +
        .       Parent=Smp_165940.1;Name=709bac9e-7bcc-478d-
a0c5-1e552331c8b8
SM_V9_1 iris    exon    30558556        30558800        .       +
        .       Parent=Smp_165940.1;Name=f01ad886-c402-4309-
a631-13e8be917842
SM_V9_1 iris    exon    30560371        30560452        .       +
        .       Parent=Smp_165940.1;Name=3ab3c28a-a17b-450d-8415-
cee3024d619a
SM_V9_1 iris    exon    30561468        30561637        .       +
        .       Parent=Smp_165940.1;Name=59b0a1b8-9f85-44c3-
b68d-82bc050d662d
SM_V9_1 iris    exon    30561687        30561795        .       +
        .
Parent=Smp_165940.1;Name=ce37f1a1-8426-463c-8545-2d61d03b494f
SM_V9_1 iris    exon    30564758        30565183        .       +
        .       Parent=Smp_165940.1;Name=164a915b-9731-4bb2-
b820-38834e2b210b
SM_V9_1 iris    CDS     30551944        30552027        .       +
        0       Parent=Smp_165940.1
SM_V9_1 iris    CDS     30553404        30553525        .       +
        0       Parent=Smp_165940.1
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SM_V9_1 iris    CDS     30556227        30556296        .       +
        1       Parent=Smp_165940.1
SM_V9_1 iris    CDS     30558556        30558800        .       +
        0       Parent=Smp_165940.1
SM_V9_1 iris    CDS     30560371        30560452        .       +
        1       Parent=Smp_165940.1
SM_V9_1 iris    CDS     30561468        30561637        .       +
        0       Parent=Smp_165940.1
SM_V9_1 iris    CDS     30561687        30561795        .       +
        1       Parent=Smp_165940.1
SM_V9_1 iris    CDS     30564758        30565042        .       +
        0       Parent=Smp_165940.1
SM_V9_1 Liftoff gene    30586747        30588227        .       -
        .       ID=Smp_081190;geneID=Smp_081190
SM_V9_1 Liftoff mRNA    30586747        30588227        .       -
        .
ID=Smp_081190.1;Parent=Smp_081190;geneID=Smp_081190;product=GTP-
binding protein
rhoA;polypeptide_domain=InterPro:IPR001806,IPR003578,IPR005225,IPR02
7417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0005622,GO:00072
64
SM_V9_1 Liftoff exon    30586747        30588227        .       -
        .       Parent=Smp_081190.1
SM_V9_1 Liftoff CDS     30587385        30588113        .       -
        0       Parent=Smp_081190.1
SM_V9_1 iris    gene    30610024        30613264        .       -
        .
ID=Smp_081200;geneID=Smp_081200;gene_name=Smp_081200;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30610024        30613264        .       -
        .
ID=Smp_081200.1;Parent=Smp_081200;geneID=Smp_081200;gene_name=Smp_08
1200;owner=irisadmin@local.host;orig_id=Smp_081200.1;date_last_modif
ied=2022-08-02;Name=Smp_081200.1;product=Coiled-coil domain-
containing protein 42 homolog;date_creation=2022-07-27
SM_V9_1 iris    exon    30610024        30610900        .       -
        .       Parent=Smp_081200.1;Name=fccf54a0-1087-4e5a-
a5d8-9d78c2bc079c
SM_V9_1 iris    exon    30612110        30612200        .       -
        .       Parent=Smp_081200.1;Name=f3ed7d35-8c13-4ddf-8af4-
de8abffb4c86
SM_V9_1 iris    exon    30612239        30612396        .       -
        .       Parent=Smp_081200.1;Name=935022dc-0b41-46a2-
bb5e-7e126ba7d619
SM_V9_1 iris    exon    30612433        30612507        .       -
        .       Parent=Smp_081200.1;Name=4df222eb-749a-422b-97b6-
b1b39241ed19
SM_V9_1 iris    exon    30612542        30612713        .       -
        .       Parent=Smp_081200.1;Name=b429b319-1a49-4737-b957-
fbbbc9796160
SM_V9_1 iris    exon    30612748        30612938        .       -
        .       Parent=Smp_081200.1;Name=7244077b-2b64-43d2-9e22-
dd5fe6fa3aed
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SM_V9_1 iris    exon    30612978        30613083        .       -
        .       Parent=Smp_081200.1;Name=5e4e1285-
fde4-4d24-9028-58500448f694
SM_V9_1 iris    exon    30613118        30613264        .       -
        .       Parent=Smp_081200.1;Name=a433bb7b-4d0c-4fda-
b2dc-1f3c5760a64c
SM_V9_1 iris    CDS     30610841        30610900        .       -
        0       Parent=Smp_081200.1
SM_V9_1 iris    CDS     30612110        30612200        .       -
        1       Parent=Smp_081200.1
SM_V9_1 iris    CDS     30612239        30612396        .       -
        0       Parent=Smp_081200.1
SM_V9_1 iris    CDS     30612433        30612507        .       -
        0       Parent=Smp_081200.1
SM_V9_1 iris    CDS     30612542        30612713        .       -
        1       Parent=Smp_081200.1
SM_V9_1 iris    CDS     30612748        30612938        .       -
        0       Parent=Smp_081200.1
SM_V9_1 iris    CDS     30612978        30613083        .       -
        1       Parent=Smp_081200.1
SM_V9_1 iris    CDS     30613118        30613224        .       -
        0       Parent=Smp_081200.1
SM_V9_1 Liftoff gene    30621409        30631054        .       -
        .       ID=Smp_165950;geneID=Smp_165950
SM_V9_1 Liftoff mRNA    30621409        30631054        .       -
        .
ID=Smp_165950.1;Parent=Smp_165950;geneID=Smp_165950;product=Tektin-1
;polypeptide_domain=InterPro:IPR000435 Pfam:PF03148
SM_V9_1 Liftoff exon    30621409        30622057        .       -
        .       Parent=Smp_165950.1
SM_V9_1 Liftoff exon    30622936        30623090        .       -
        .       Parent=Smp_165950.1
SM_V9_1 Liftoff exon    30624338        30624560        .       -
        .       Parent=Smp_165950.1
SM_V9_1 Liftoff exon    30625405        30625548        .       -
        .       Parent=Smp_165950.1
SM_V9_1 Liftoff exon    30630442        30630570        .       -
        .       Parent=Smp_165950.1
SM_V9_1 Liftoff exon    30630611        30630776        .       -
        .       Parent=Smp_165950.1
SM_V9_1 Liftoff exon    30630813        30631054        .       -
        .       Parent=Smp_165950.1
SM_V9_1 Liftoff CDS     30621856        30622057        .       -
        1       Parent=Smp_165950.1
SM_V9_1 Liftoff CDS     30622936        30623090        .       -
        0       Parent=Smp_165950.1
SM_V9_1 Liftoff CDS     30624338        30624560        .       -
        1       Parent=Smp_165950.1
SM_V9_1 Liftoff CDS     30625405        30625548        .       -
        1       Parent=Smp_165950.1
SM_V9_1 Liftoff CDS     30630442        30630570        .       -
        1       Parent=Smp_165950.1
SM_V9_1 Liftoff CDS     30630611        30630776        .       -
        2       Parent=Smp_165950.1
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SM_V9_1 Liftoff CDS     30630813        30631002        .       -
        0       Parent=Smp_165950.1
SM_V9_1 iris    gene    30631148        30641387        .       +
        .
ID=Smp_165960;geneID=Smp_165960;gene_name=Smp_165960;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30631148        30641387        .       +
        .
ID=Smp_165960.1;Parent=Smp_165960;geneID=Smp_165960;gene_name=Smp_16
5960;owner=irisadmin@local.host;orig_id=Smp_165960.1;date_last_modif
ied=2022-08-02;Name=Smp_165960.1;product=mRNA-decapping enzyme
1A;date_creation=2022-07-27
SM_V9_1 iris    exon    30631148        30631334        .       +
        .       Parent=Smp_165960.1;Name=9fdde24c-
eb7e-41bd-9795-4b0bbd1dcc90
SM_V9_1 iris    exon    30632593        30632633        .       +
        .       Parent=Smp_165960.1;Name=61a7ad6f-87bd-4fcc-
bf47-5b9e1bd296f6
SM_V9_1 iris    exon    30632673        30632803        .       +
        .       Parent=Smp_165960.1;Name=a623b00f-03b5-4c98-
ab48-26f6dae15578
SM_V9_1 iris    exon    30632841        30632907        .       +
        .       Parent=Smp_165960.1;Name=9e90fa2e-8970-4cac-b571-
e419e7717caf
SM_V9_1 iris    exon    30635241        30635535        .       +
        .       Parent=Smp_165960.1;Name=4d09a3cc-159e-4062-8b67-
ed29d0ed9b89
SM_V9_1 iris    exon    30636011        30636035        .       +
        .       Parent=Smp_165960.1;Name=d40b3974-b03e-4139-a436-
d94921a4bcef
SM_V9_1 iris    exon    30636180        30636291        .       +
        .       Parent=Smp_165960.1;Name=42190580-ff6c-4ecb-
bb8f-251e59b5c6e2
SM_V9_1 iris    exon    30637811        30637910        .       +
        .       Parent=Smp_165960.1;Name=bef85cec-bc7f-4b46-
ad64-4b6deb5c1570
SM_V9_1 iris    exon    30638928        30639545        .       +
        .       Parent=Smp_165960.1;Name=4bf6db03-1d5f-46da-b561-
a08208ec3617
SM_V9_1 iris    exon    30640669        30641387        .       +
        .
Parent=Smp_165960.1;Name=b115dc8b-1e2c-450c-8ed4-484032f80757
SM_V9_1 iris    CDS     30631212        30631334        .       +
        0       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30632593        30632633        .       +
        0       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30632673        30632803        .       +
        1       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30632841        30632907        .       +
        2       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30635241        30635535        .       +
        1       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30636011        30636035        .       +
        0       Parent=Smp_165960.1
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SM_V9_1 iris    CDS     30636180        30636291        .       +
        2       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30637811        30637910        .       +
        1       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30638928        30639545        .       +
        0       Parent=Smp_165960.1
SM_V9_1 iris    CDS     30640669        30640743        .       +
        0       Parent=Smp_165960.1
SM_V9_1 Liftoff gene    30742766        30746244        .       -
        .       ID=Smp_081250;geneID=Smp_081250
SM_V9_1 Liftoff mRNA    30742766        30746244        .       -
        .
ID=Smp_081250.1;Parent=Smp_081250;geneID=Smp_081250;product=Potassiu
m voltage-gated channel subfamily A member
2;polypeptide_domain=InterPro:IPR000210,IPR003131,IPR003968,IPR00397
2,IPR005821,IPR011333,IPR028325
Pfam:PF00520,PF02214;Ontology_term=GO:0005216,GO:0005249,GO:0005515,
GO:0006811,GO:0006813,GO:0008076,GO:0016020,GO:0051260,GO:0055085
SM_V9_1 Liftoff exon    30742766        30746244        .       -
        .       Parent=Smp_081250.1
SM_V9_1 Liftoff CDS     30743561        30746008        .       -
        0       Parent=Smp_081250.1
SM_V9_1 Liftoff gene    30795843        30843062        .       -
        .       ID=Smp_081260;geneID=Smp_081260
SM_V9_1 Liftoff mRNA    30795843        30843062        .       -
        .
ID=Smp_081260.1;Parent=Smp_081260;geneID=Smp_081260;product=Type I
inositol 3,4-bisphosphate 4-
phosphatase;polypeptide_domain=InterPro:IPR000008,IPR001849,IPR01199
3 Pfam:PF00169
SM_V9_1 Liftoff exon    30795843        30798866        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30805919        30806127        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30811576        30811673        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30813011        30813138        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30813751        30814089        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30815629        30815983        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30817760        30817902        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30819569        30819900        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30823164        30823271        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30825838        30825940        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30827451        30827508        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30828722        30828870        .       -
        .       Parent=Smp_081260.1
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SM_V9_1 Liftoff exon    30830981        30831163        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30831805        30831918        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30834508        30834629        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30838472        30838507        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30838583        30838795        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30838832        30838987        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30839021        30839127        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff exon    30840664        30843062        .       -
        .       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30798678        30798866        .       -
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SM_V9_1 Liftoff CDS     30805919        30806127        .       -
        2       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30811576        30811673        .       -
        1       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30813011        30813138        .       -
        0       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30813751        30814089        .       -
        0       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30815629        30815983        .       -
        1       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30817760        30817902        .       -
        0       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30819569        30819900        .       -
        2       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30823164        30823271        .       -
        2       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30825838        30825940        .       -
        0       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30827451        30827508        .       -
        1       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30828722        30828870        .       -
        0       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30830981        30831163        .       -
        0       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30831805        30831918        .       -
        0       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30834508        30834629        .       -
        2       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30838472        30838507        .       -
        2       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30838583        30838795        .       -
        2       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30838832        30838987        .       -
        2       Parent=Smp_081260.1
SM_V9_1 Liftoff CDS     30839021        30839127        .       -
        1       Parent=Smp_081260.1
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SM_V9_1 Liftoff CDS     30840664        30840668        .       -
        0       Parent=Smp_081260.1
SM_V9_1 iris    gene    30850506        30860830        .       +
        .
ID=Smp_246260;geneID=Smp_246260;gene_name=Smp_246260;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30850506        30860830        .       +
        .
ID=Smp_246260.1;Parent=Smp_246260;geneID=Smp_246260;gene_name=Smp_24
6260;owner=irisadmin@local.host;orig_id=Smp_246260.1;date_last_modif
ied=2022-08-02;Name=Smp_246260.1;product=Acidic fibroblast growth
factor intracellular-binding protein;date_creation=2022-07-27
SM_V9_1 iris    exon    30850506        30850677        .       +
        .       Parent=Smp_246260.1;Name=8393313a-6903-42e4-b8f5-
e2ffb2ab7eee
SM_V9_1 iris    exon    30850717        30850779        .       +
        .       Parent=Smp_246260.1;Name=00af26d0-3da1-4912-90b6-
b064f453e0ba
SM_V9_1 iris    exon    30852506        30852707        .       +
        .       Parent=Smp_246260.1;Name=28236bf4-a9a0-4f78-928a-
aff543a42ff5
SM_V9_1 iris    exon    30854335        30854598        .       +
        .       Parent=Smp_246260.1;Name=fba5222e-0ce4-4330-
a241-0fb21dc7d527
SM_V9_1 iris    exon    30855319        30855416        .       +
        .
Parent=Smp_246260.1;Name=ffdd0f0a-87ad-4492-81d6-19c53b356fbe
SM_V9_1 iris    exon    30855985        30856096        .       +
        .       Parent=Smp_246260.1;Name=d5178ea7-ca6a-43d1-
ba15-5f7d4df76cc2
SM_V9_1 iris    exon    30857020        30857089        .       +
        .       Parent=Smp_246260.1;Name=7b8b822e-0c0b-4a23-8ba9-
a6463227f8b8
SM_V9_1 iris    exon    30857917        30858003        .       +
        .       Parent=Smp_246260.1;Name=76aa8ac6-4fc8-4f65-b564-
eeecb5e1f336
SM_V9_1 iris    exon    30858484        30858581        .       +
        .       Parent=Smp_246260.1;Name=902512a3-f700-4a40-9e13-
aa97892a4833
SM_V9_1 iris    exon    30859911        30860830        .       +
        .
Parent=Smp_246260.1;Name=41d2a454-3b1e-45cc-95f9-8af388a1aa06
SM_V9_1 iris    CDS     30850587        30850677        .       +
        0       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30850717        30850779        .       +
        2       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30852506        30852707        .       +
        2       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30854335        30854598        .       +
        1       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30855319        30855416        .       +
        1       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30855985        30856096        .       +
        2       Parent=Smp_246260.1
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SM_V9_1 iris    CDS     30857020        30857089        .       +
        1       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30857917        30858003        .       +
        0       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30858484        30858581        .       +
        0       Parent=Smp_246260.1
SM_V9_1 iris    CDS     30859911        30859989        .       +
        1       Parent=Smp_246260.1
SM_V9_1 Liftoff gene    30862766        30876470        .       +
        .
ID=Smp_347770;geneID=Smp_347770;previous_systematic_id=Smp_165970,Sm
p_246250
SM_V9_1 Liftoff mRNA    30862766        30876470        .       +
        .
ID=Smp_347770.1;Parent=Smp_347770;geneID=Smp_347770;product=Slit
homolog 1
protein;polypeptide_domain=InterPro:IPR000742,IPR000884,IPR013032
SM_V9_1 Liftoff exon    30862766        30863348        .       +
        .       Parent=Smp_347770.1
SM_V9_1 Liftoff exon    30864221        30864337        .       +
        .       Parent=Smp_347770.1
SM_V9_1 Liftoff exon    30867886        30868215        .       +
        .       Parent=Smp_347770.1
SM_V9_1 Liftoff exon    30873270        30873492        .       +
        .       Parent=Smp_347770.1
SM_V9_1 Liftoff exon    30875658        30876470        .       +
        .       Parent=Smp_347770.1
SM_V9_1 Liftoff CDS     30862788        30863348        .       +
        0       Parent=Smp_347770.1
SM_V9_1 Liftoff CDS     30864221        30864337        .       +
        0       Parent=Smp_347770.1
SM_V9_1 Liftoff CDS     30867886        30868215        .       +
        0       Parent=Smp_347770.1
SM_V9_1 Liftoff CDS     30873270        30873492        .       +
        0       Parent=Smp_347770.1
SM_V9_1 Liftoff CDS     30875658        30875965        .       +
        2       Parent=Smp_347770.1
SM_V9_1 iris    gene    30877197        30883679        .       -
        .
ID=Smp_165980;geneID=Smp_165980;gene_name=Smp_165980;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30877197        30883679        .       -
        .
ID=Smp_165980.1;Parent=Smp_165980;geneID=Smp_165980;gene_name=Smp_16
5980;owner=irisadmin@local.host;orig_id=Smp_165980.1;date_last_modif
ied=2022-08-02;Name=Smp_165980.1;product=DNA-directed RNA polymerase
III subunit RPC6;date_creation=2022-07-27
SM_V9_1 iris    exon    30877197        30877534        .       -
        .       Parent=Smp_165980.1;Name=fdd17286-a204-4c1f-b56c-
c7cea3d52336
SM_V9_1 iris    exon    30878360        30878542        .       -
        .       Parent=Smp_165980.1;Name=113b4c57-9b98-4f29-9d2c-
b0bdeae76e75
SM_V9_1 iris    exon    30881246        30881350        .       -
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        .       Parent=Smp_165980.1;Name=5d714342-4153-44a9-b589-
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SM_V9_1 iris    exon    30881385        30881644        .       -
        .       Parent=Smp_165980.1;Name=8e594399-2878-46c7-9ca1-
b24fec2d6aa3
SM_V9_1 iris    exon    30881691        30881761        .       -
        .       Parent=Smp_165980.1;Name=f9d30068-0ff4-4ba3-8804-
b5afdb6e5eb3
SM_V9_1 iris    exon    30881798        30881986        .       -
        .
Parent=Smp_165980.1;Name=20e9836f-9b9d-4b40-93e9-627afa26622a
SM_V9_1 iris    exon    30882021        30882068        .       -
        .       Parent=Smp_165980.1;Name=92e20a72-
c21f-4e1c-9955-6f709fbe0cab
SM_V9_1 iris    exon    30883585        30883679        .       -
        .
Parent=Smp_165980.1;Name=9e30524a-8b9b-4dea-9e1b-2862cdf0b3f4
SM_V9_1 iris    CDS     30877457        30877534        .       -
        0       Parent=Smp_165980.1
SM_V9_1 iris    CDS     30878360        30878542        .       -
        0       Parent=Smp_165980.1
SM_V9_1 iris    CDS     30881246        30881350        .       -
        0       Parent=Smp_165980.1
SM_V9_1 iris    CDS     30881385        30881644        .       -
        2       Parent=Smp_165980.1
SM_V9_1 iris    CDS     30881691        30881761        .       -
        1       Parent=Smp_165980.1
SM_V9_1 iris    CDS     30881798        30881986        .       -
        1       Parent=Smp_165980.1
SM_V9_1 iris    CDS     30882021        30882052        .       -
        0       Parent=Smp_165980.1
SM_V9_1 iris    gene    30890616        30942798        .       +
        .
ID=Smp_347340;geneID=Smp_347340;gene_name=Smp_347340;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    30890616        30942798        .       +
        .
ID=Smp_347340.1;Parent=Smp_347340;geneID=Smp_347340;gene_name=Smp_34
7340;owner=irisadmin@local.host;orig_id=Smp_347340.1;date_last_modif
ied=2022-08-02;Name=Smp_347340.1;product=WD repeat-containing
protein 81;date_creation=2022-07-27
SM_V9_1 iris    exon    30890616        30890686        .       +
        .       Parent=Smp_347340.1;Name=338d90d1-5e06-4b58-96a0-
c18673e5c338
SM_V9_1 iris    exon    30891471        30891683        .       +
        .       Parent=Smp_347340.1;Name=7f14e920-7123-4484-aa0d-
dec1065f1e38
SM_V9_1 iris    exon    30891724        30891865        .       +
        .       Parent=Smp_347340.1;Name=5b0337dc-f383-431d-
abcc-2faeed35876e
SM_V9_1 iris    exon    30891914        30892114        .       +
        .       Parent=Smp_347340.1;Name=6cf8064f-7051-42da-
a0db-6da884280b50
SM_V9_1 iris    exon    30892152        30892391        .       +
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        .       Parent=Smp_347340.1;Name=ab72322b-
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SM_V9_1 iris    exon    30893612        30893921        .       +
        .       Parent=Smp_347340.1;Name=5d466625-fa0f-4d53-8f4c-
a0aecc3c69f4
SM_V9_1 iris    exon    30893969        30894037        .       +
        .       Parent=Smp_347340.1;Name=533673cc-
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SM_V9_1 iris    exon    30894074        30894159        .       +
        .       Parent=Smp_347340.1;Name=a0e82dc7-0091-406c-a7b5-
e8e3d614fc21
SM_V9_1 iris    exon    30896281        30896574        .       +
        .       Parent=Smp_347340.1;Name=31a5da99-c441-4b41-
ba2b-0a21e9d1fbfa
SM_V9_1 iris    exon    30896921        30897223        .       +
        .       Parent=Smp_347340.1;Name=72edd151-7731-4ea5-a8fa-
b9dde33e5aba
SM_V9_1 iris    exon    30898272        30898321        .       +
        .       Parent=Smp_347340.1;Name=71cd728d-
a662-4682-80e7-83c3f77fc82d
SM_V9_1 iris    exon    30901383        30901500        .       +
        .       Parent=Smp_347340.1;Name=22ec870c-5906-46d1-abfa-
bad01a01322d
SM_V9_1 iris    exon    30906890        30907089        .       +
        .
Parent=Smp_347340.1;Name=3ed2c782-7f37-4289-8191-367b9add643d
SM_V9_1 iris    exon    30908404        30908563        .       +
        .       Parent=Smp_347340.1;Name=85fc66ff-bbcf-4c4a-
ac83-43aadadff1fd
SM_V9_1 iris    exon    30910105        30910380        .       +
        .       Parent=Smp_347340.1;Name=064e7392-
d53c-400c-89af-9558fa0655d0
SM_V9_1 iris    exon    30912951        30913567        .       +
        .       Parent=Smp_347340.1;Name=b427e274-a958-4b3f-9360-
ffa9f3bb9910
SM_V9_1 iris    exon    30917227        30917497        .       +
        .       Parent=Smp_347340.1;Name=5cbd898f-
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SM_V9_1 iris    exon    30919727        30920170        .       +
        .
Parent=Smp_347340.1;Name=9f88ac2c-72fb-4f09-842a-584f781ce87d
SM_V9_1 iris    exon    30923405        30923648        .       +
        .
Parent=Smp_347340.1;Name=d731adb7-9909-455a-8a8b-5b19ebfd0fce
SM_V9_1 iris    exon    30925287        30925496        .       +
        .
Parent=Smp_347340.1;Name=782c7009-9d45-4902-8c13-12a2e67c4695
SM_V9_1 iris    exon    30927476        30927684        .       +
        .       Parent=Smp_347340.1;Name=f3d7702f-
e25d-4ced-8c63-0c62186c91c0
SM_V9_1 iris    exon    30930022        30930166        .       +
        .       Parent=Smp_347340.1;Name=3429dc1f-2f85-4561-8f7e-
b7cdb5633a82
SM_V9_1 iris    exon    30934107        30934444        .       +
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f8ff08e81dcf
SM_V9_1 iris    exon    30935706        30935979        .       +
        .       Parent=Smp_347340.1;Name=09337ef5-99de-402f-
a5a7-88d0c867ab40
SM_V9_1 iris    exon    30938570        30938874        .       +
        .
Parent=Smp_347340.1;Name=1c9a624f-2490-4699-9f44-7074c91e7770
SM_V9_1 iris    exon    30941008        30942798        .       +
        .
Parent=Smp_347340.1;Name=ef2c184f-6e1a-4836-9179-6f7541f4b7cb
SM_V9_1 iris    CDS     30891628        30891683        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30891724        30891865        .       +
        1       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30891914        30892114        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30892152        30892391        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30893612        30893921        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30893969        30894037        .       +
        2       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30894074        30894159        .       +
        2       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30896281        30896574        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30896921        30897223        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30898272        30898321        .       +
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SM_V9_1 iris    CDS     30901383        30901500        .       +
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SM_V9_1 iris    CDS     30906890        30907089        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30908404        30908563        .       +
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SM_V9_1 iris    CDS     30910105        30910380        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30912951        30913567        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30917227        30917497        .       +
        1       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30919727        30920170        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30923405        30923648        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30925287        30925496        .       +
        2       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30927476        30927684        .       +
        2       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30930022        30930166        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30934107        30934444        .       +
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        2       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30935706        30935979        .       +
        0       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30938570        30938874        .       +
        2       Parent=Smp_347340.1
SM_V9_1 iris    CDS     30941008        30941640        .       +
        0       Parent=Smp_347340.1
SM_V9_1 Liftoff gene    30943811        30950098        .       +
        .
ID=Smp_210750;geneID=Smp_210750;previous_systematic_id=Smp_160790
SM_V9_1 Liftoff mRNA    30943811        30950098        .       +
        .
ID=Smp_210750.1;Parent=Smp_210750;geneID=Smp_210750;product=Peptidyl
-prolyl cis-trans isomerase NIMA-interacting
4;polypeptide_domain=InterPro:IPR000297
Pfam:PF13616;Ontology_term=GO:0016853
SM_V9_1 Liftoff exon    30943811        30944049        .       +
        .       Parent=Smp_210750.1
SM_V9_1 Liftoff exon    30944953        30945120        .       +
        .       Parent=Smp_210750.1
SM_V9_1 Liftoff exon    30948244        30950098        .       +
        .       Parent=Smp_210750.1
SM_V9_1 Liftoff CDS     30943909        30944049        .       +
        0       Parent=Smp_210750.1
SM_V9_1 Liftoff CDS     30944953        30945120        .       +
        0       Parent=Smp_210750.1
SM_V9_1 Liftoff CDS     30948244        30948354        .       +
        0       Parent=Smp_210750.1
SM_V9_1 Liftoff gene    30952392        30967802        .       -
        .
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p_196590,Smp_241830
SM_V9_1 Liftoff mRNA    30952392        30967802        .       -
        .
ID=Smp_337620.1;Parent=Smp_337620;geneID=Smp_337620;product=Bromo
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protein;polypeptide_domain=InterPro:IPR001025
Pfam:PF01426;Ontology_term=GO:0003682
SM_V9_1 Liftoff exon    30952392        30954293        .       -
        .       Parent=Smp_337620.1
SM_V9_1 Liftoff exon    30955828        30955929        .       -
        .       Parent=Smp_337620.1
SM_V9_1 Liftoff exon    30961615        30961808        .       -
        .       Parent=Smp_337620.1
SM_V9_1 Liftoff exon    30964051        30964216        .       -
        .       Parent=Smp_337620.1
SM_V9_1 Liftoff exon    30965713        30967802        .       -
        .       Parent=Smp_337620.1
SM_V9_1 Liftoff CDS     30953112        30954293        .       -
        0       Parent=Smp_337620.1
SM_V9_1 Liftoff CDS     30955828        30955929        .       -
        0       Parent=Smp_337620.1
SM_V9_1 Liftoff CDS     30961615        30961808        .       -
        2       Parent=Smp_337620.1
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SM_V9_1 Liftoff CDS     30964051        30964216        .       -
        0       Parent=Smp_337620.1
SM_V9_1 Liftoff CDS     30965713        30967749        .       -
        0       Parent=Smp_337620.1
SM_V9_1 Liftoff gene    30979362        30985684        .       +
        .       ID=Smp_160800;geneID=Smp_160800
SM_V9_1 Liftoff mRNA    30979362        30985684        .       +
        .
ID=Smp_160800.1;Parent=Smp_160800;geneID=Smp_160800;product=Phosphog
lycerate mutase 2
SM_V9_1 Liftoff exon    30979362        30979430        .       +
        .       Parent=Smp_160800.1
SM_V9_1 Liftoff exon    30985532        30985684        .       +
        .       Parent=Smp_160800.1
SM_V9_1 Liftoff CDS     30979362        30979430        .       +
        0       Parent=Smp_160800.1
SM_V9_1 Liftoff CDS     30985532        30985684        .       +
        0       Parent=Smp_160800.1
SM_V9_1 Liftoff gene    30993677        31006342        .       -
        .       ID=Smp_160810;geneID=Smp_160810
SM_V9_1 Liftoff mRNA    30993677        31006342        .       -
        .
ID=Smp_160810.1;Parent=Smp_160810;geneID=Smp_160810;product=Lysine-
specific histone demethylase 1 homolog
2;polypeptide_domain=InterPro:IPR002937,IPR023753
Pfam:PF01593;Ontology_term=GO:0016491,GO:0055114
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        .       Parent=Smp_160810.1
SM_V9_1 Liftoff exon    30996117        30996479        .       -
        .       Parent=Smp_160810.1
SM_V9_1 Liftoff exon    31002085        31002850        .       -
        .       Parent=Smp_160810.1
SM_V9_1 Liftoff exon    31003411        31006342        .       -
        .       Parent=Smp_160810.1
SM_V9_1 Liftoff CDS     30994280        30995404        .       -
        0       Parent=Smp_160810.1
SM_V9_1 Liftoff CDS     30996117        30996479        .       -
        0       Parent=Smp_160810.1
SM_V9_1 Liftoff CDS     31002085        31002850        .       -
        1       Parent=Smp_160810.1
SM_V9_1 Liftoff CDS     31003411        31003907        .       -
        0       Parent=Smp_160810.1
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31015196        31056898        .       +
        .
ID=Smp_160820.1;Parent=Smp_160820;geneID=Smp_160820;gene_name=Smp_16
0820;owner=irisadmin@local.host;orig_id=Smp_160820.1;date_last_modif
ied=2022-08-02;Name=Smp_160820.1;product=Transmembrane protein
FAM155B;date_creation=2022-07-27
SM_V9_1 iris    exon    31015196        31015241        .       +
        .       Parent=Smp_160820.1;Name=3e120742-9f15-4761-a19d-
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f384c77f000d
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SM_V9_1 iris    exon    31044299        31044743        .       +
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e6ebfbb07a33
SM_V9_1 iris    exon    31054421        31056898        .       +
        .       Parent=Smp_160820.1;Name=ce6d74b3-23d5-47a5-
b6b6-3e745ec95e6c
SM_V9_1 iris    CDS     31018836        31019726        .       +
        0       Parent=Smp_160820.1
SM_V9_1 iris    CDS     31044299        31044743        .       +
        0       Parent=Smp_160820.1
SM_V9_1 iris    CDS     31054421        31055115        .       +
        2       Parent=Smp_160820.1
SM_V9_1 Liftoff gene    31077986        31083366        .       +
        .       ID=Smp_071250;geneID=Smp_071250
SM_V9_1 Liftoff mRNA    31077986        31083366        .       +
        .
ID=Smp_071250.1;Parent=Smp_071250;geneID=Smp_071250;product=Ras-
related protein
Rap-1b;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR020849,IPR
027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0007165,GO:00160
20
SM_V9_1 Liftoff exon    31077986        31078257        .       +
        .       Parent=Smp_071250.1
SM_V9_1 Liftoff exon    31078300        31078581        .       +
        .       Parent=Smp_071250.1
SM_V9_1 Liftoff exon    31082464        31083366        .       +
        .       Parent=Smp_071250.1
SM_V9_1 Liftoff CDS     31078075        31078257        .       +
        0       Parent=Smp_071250.1
SM_V9_1 Liftoff CDS     31078300        31078581        .       +
        0       Parent=Smp_071250.1
SM_V9_1 Liftoff CDS     31082464        31082553        .       +
        0       Parent=Smp_071250.1
SM_V9_1 iris    gene    31090752        31116202        .       +
        .
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31090752        31116202        .       +
        .
ID=Smp_160830.1;Parent=Smp_160830;geneID=Smp_160830;gene_name=Smp_16
0830;owner=irisadmin@local.host;orig_id=Smp_160830.1;date_last_modif
ied=2022-08-02;Name=Smp_160830.1;product=Phospholipase
D3;date_creation=2022-07-27
SM_V9_1 iris    exon    31090752        31090890        .       +
        .       Parent=Smp_160830.1;Name=b2e675a1-c7ec-4245-b201-
a96f7c0b044d
SM_V9_1 iris    exon    31094318        31094660        .       +
        .       Parent=Smp_160830.1;Name=c7acfb68-8502-40ae-9f26-
ddaaca09adee
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SM_V9_1 iris    exon    31102226        31102337        .       +
        .       Parent=Smp_160830.1;Name=761494b8-4205-4929-83cb-
c1fafa6a2445
SM_V9_1 iris    exon    31104743        31104873        .       +
        .       Parent=Smp_160830.1;Name=7ca5ac79-
a157-434a-97d8-915dd19513d3
SM_V9_1 iris    exon    31106632        31106832        .       +
        .       Parent=Smp_160830.1;Name=e7176189-e8e2-4e32-93b4-
aca844adc2be
SM_V9_1 iris    exon    31108590        31108738        .       +
        .       Parent=Smp_160830.1;Name=08a59843-ad97-4cfc-
a7a5-1e5e4e0eb6da
SM_V9_1 iris    exon    31110158        31110320        .       +
        .       Parent=Smp_160830.1;Name=331da3a5-1f08-4df6-8323-
d66a338f017e
SM_V9_1 iris    exon    31111825        31111927        .       +
        .       Parent=Smp_160830.1;Name=385d1107-
f290-4e90-964f-15aefe1ddf6e
SM_V9_1 iris    exon    31115881        31116202        .       +
        .
Parent=Smp_160830.1;Name=825635de-7de9-4e05-9083-5960fdb58b79
SM_V9_1 iris    CDS     31094328        31094660        .       +
        0       Parent=Smp_160830.1
SM_V9_1 iris    CDS     31102226        31102337        .       +
        0       Parent=Smp_160830.1
SM_V9_1 iris    CDS     31104743        31104873        .       +
        2       Parent=Smp_160830.1
SM_V9_1 iris    CDS     31106632        31106832        .       +
        0       Parent=Smp_160830.1
SM_V9_1 iris    CDS     31108590        31108738        .       +
        0       Parent=Smp_160830.1
SM_V9_1 iris    CDS     31110158        31110320        .       +
        1       Parent=Smp_160830.1
SM_V9_1 iris    CDS     31111825        31111927        .       +
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SM_V9_1 iris    CDS     31115881        31116086        .       +
        2       Parent=Smp_160830.1
SM_V9_1 iris    gene    31118940        31130182        .       -
        .
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31118940        31130182        .       -
        .
ID=Smp_345240.1;Parent=Smp_345240;geneID=Smp_345240;gene_name=Smp_34
5240;owner=irisadmin@local.host;orig_id=Smp_345240.1;date_last_modif
ied=2022-08-02;Name=Smp_345240.1;product=Calmodulin;date_creation=20
22-07-27
SM_V9_1 iris    exon    31118940        31119630        .       -
        .       Parent=Smp_345240.1;Name=16e8003d-
c125-483d-8e14-5f31868b2bcd
SM_V9_1 iris    exon    31120347        31120478        .       -
        .       Parent=Smp_345240.1;Name=19fe6cdb-9842-404d-98a6-
c94bcadfdedf
SM_V9_1 iris    exon    31127653        31127763        .       -
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e340f9764ccc
SM_V9_1 iris    exon    31128019        31128073        .       -
        .       Parent=Smp_345240.1;Name=33b2cf32-7792-46d4-ae3e-
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SM_V9_1 iris    exon    31129929        31130182        .       -
        .       Parent=Smp_345240.1;Name=a7b8a482-
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SM_V9_1 iris    CDS     31119560        31119630        .       -
        2       Parent=Smp_345240.1
SM_V9_1 iris    CDS     31120347        31120478        .       -
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SM_V9_1 iris    CDS     31127653        31127763        .       -
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SM_V9_1 iris    CDS     31127822        31127965        .       -
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SM_V9_1 iris    CDS     31128019        31128073        .       -
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SM_V9_1 iris    CDS     31129929        31130054        .       -
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SM_V9_1 Liftoff gene    31146586        31180810        .       +
        .       ID=Smp_160850;geneID=Smp_160850
SM_V9_1 Liftoff mRNA    31146586        31180810        .       +
        .
ID=Smp_160850.1;Parent=Smp_160850;geneID=Smp_160850;product=Nucleopr
otein TPR;polypeptide_domain=InterPro:IPR012929
Pfam:PF07926;Ontology_term=GO:0006606
SM_V9_1 Liftoff exon    31146586        31146799        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31146835        31147214        .       +
        .       Parent=Smp_160850.1
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        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31147397        31147447        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31147480        31147683        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31147720        31147807        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31147843        31147983        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31152717        31152911        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31157221        31157417        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31158395        31158962        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31159114        31159310        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31160182        31160499        .       +
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SM_V9_1 Liftoff exon    31160619        31160871        .       +
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        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31167065        31167277        .       +
        .       Parent=Smp_160850.1
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        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31169235        31169520        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31169847        31170031        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31170773        31170952        .       +
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        .       Parent=Smp_160850.1
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SM_V9_1 Liftoff exon    31174042        31174377        .       +
        .       Parent=Smp_160850.1
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        .       Parent=Smp_160850.1
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        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31175958        31176482        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31177293        31177504        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31178431        31178911        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31179563        31180123        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff exon    31180304        31180810        .       +
        .       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31146637        31146799        .       +
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SM_V9_1 Liftoff CDS     31146835        31147214        .       +
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SM_V9_1 Liftoff CDS     31147251        31147364        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31147397        31147447        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31147480        31147683        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31147720        31147807        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31147843        31147983        .       +
        2       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31152717        31152911        .       +
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        2       Parent=Smp_160850.1
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SM_V9_1 Liftoff CDS     31162515        31162612        .       +
        2       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31165264        31165449        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31167065        31167277        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31168970        31169109        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31169235        31169520        .       +
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SM_V9_1 Liftoff CDS     31169847        31170031        .       +
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        1       Parent=Smp_160850.1
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SM_V9_1 Liftoff CDS     31174714        31175059        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31175163        31175297        .       +
        2       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31175958        31176482        .       +
        2       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31177293        31177504        .       +
        2       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31178431        31178911        .       +
        0       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31179563        31180123        .       +
        2       Parent=Smp_160850.1
SM_V9_1 Liftoff CDS     31180304        31180560        .       +
        2       Parent=Smp_160850.1
SM_V9_1 Liftoff gene    31180840        31184302        .       -
        .       ID=Smp_329370;geneID=Smp_329370
SM_V9_1 Liftoff mRNA    31180840        31184302        .       -
        .
ID=Smp_329370.1;Parent=Smp_329370;geneID=Smp_329370;product=Glutared
oxin-1;polypeptide_domain=InterPro:IPR002109,IPR012336;Ontology_term
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SM_V9_1 Liftoff exon    31180840        31181470        .       -
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SM_V9_1 Liftoff exon    31184025        31184302        .       -
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SM_V9_1 Liftoff CDS     31181363        31181470        .       -
        0       Parent=Smp_329370.1
SM_V9_1 Liftoff CDS     31184025        31184249        .       -
        0       Parent=Smp_329370.1
SM_V9_1 iris    gene    31190794        31213087        .       +
        .
ID=Smp_336350;geneID=Smp_336350;gene_name=Smp_336350;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31190794        31213087        .       +
        .
ID=Smp_336350.1;Parent=Smp_336350;geneID=Smp_336350;gene_name=Smp_33
6350;owner=irisadmin@local.host;orig_id=Smp_336350.1;date_last_modif
ied=2022-08-02;Name=Smp_336350.1;product=Tetratricopeptide repeat
protein 8;date_creation=2022-07-27
SM_V9_1 iris    exon    31190794        31190820        .       +
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a3bc-5216e9025f04
SM_V9_1 iris    exon    31193210        31193354        .       +
        .       Parent=Smp_336350.1;Name=d658489b-5568-46c5-
ada1-6bace4986ef7
SM_V9_1 iris    exon    31194782        31194953        .       +
        .       Parent=Smp_336350.1;Name=c2e5cca9-
cbc1-4a9a-8b85-8f6d6759d84f
SM_V9_1 iris    exon    31195000        31195090        .       +
        .
Parent=Smp_336350.1;Name=72725437-70a6-4aca-83de-6a219d26b836
SM_V9_1 iris    exon    31201955        31202153        .       +
        .
Parent=Smp_336350.1;Name=f0582923-6119-4ccf-8399-247e7a0432c7
SM_V9_1 iris    exon    31202768        31202907        .       +
        .       Parent=Smp_336350.1;Name=187c86dd-ce6d-4941-a443-
b0ab95d32fb1
SM_V9_1 iris    exon    31204122        31204293        .       +
        .       Parent=Smp_336350.1;Name=c9ce6b88-6ac7-456a-
b7a3-74a29e2d5cfc
SM_V9_1 iris    exon    31207905        31208027        .       +
        .       Parent=Smp_336350.1;Name=bef03c16-a061-47c7-ba60-
c9f112352d60
SM_V9_1 iris    exon    31208822        31208905        .       +
        .       Parent=Smp_336350.1;Name=e68fc962-79b2-45ea-
b4bf-2741d29b3164
SM_V9_1 iris    exon    31212933        31213087        .       +
        .       Parent=Smp_336350.1;Name=74aa3a4b-4e5d-4c90-
ae9e-4d4dcc87215f
SM_V9_1 iris    CDS     31192986        31193170        .       +
        0       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31193210        31193354        .       +
        1       Parent=Smp_336350.1
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SM_V9_1 iris    CDS     31194782        31194953        .       +
        0       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31195000        31195090        .       +
        2       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31201955        31202153        .       +
        1       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31202768        31202907        .       +
        0       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31204122        31204293        .       +
        1       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31207905        31208027        .       +
        0       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31208822        31208905        .       +
        0       Parent=Smp_336350.1
SM_V9_1 iris    CDS     31212933        31213049        .       +
        0       Parent=Smp_336350.1
SM_V9_1 Liftoff gene    31272356        31287800        .       -
        .       ID=Smp_202260;geneID=Smp_202260
SM_V9_1 Liftoff mRNA    31272356        31287800        .       -
        .
ID=Smp_202260.1;Parent=Smp_202260;geneID=Smp_202260;product=npp-29;e
vidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_1 Liftoff exon    31272356        31287800        .       -
        .       Parent=Smp_202260.1
SM_V9_1 Liftoff CDS     31287447        31287710        .       -
        0       Parent=Smp_202260.1
SM_V9_1 iris    gene    31287945        31292148        .       +
        .
ID=Smp_202170;geneID=Smp_202170;gene_name=Smp_202170;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-08-02
SM_V9_1 iris    mRNA    31287945        31292148        .       +
        .
ID=Smp_202170.1;Parent=Smp_202170;geneID=Smp_202170;gene_name=Smp_20
2170;owner=irisadmin@local.host;orig_id=Smp_202170.1;date_last_modif
ied=2022-11-04;Name=Smp_202170.1;product=Ras-related GTP-binding
protein A;date_creation=2022-08-02
SM_V9_1 iris    exon    31287945        31288081        .       +
        .       Parent=Smp_202170.1;Name=cedaa6ac-8656-46fb-bf55-
c45f9f5ed8f5
SM_V9_1 iris    exon    31288119        31288239        .       +
        .       Parent=Smp_202170.1;Name=91ae218f-b6ea-4725-8849-
f5e1296c2896
SM_V9_1 iris    exon    31288274        31288494        .       +
        .       Parent=Smp_202170.1;Name=16ea9882-48cf-4139-9296-
a8a3e4654c0b
SM_V9_1 iris    exon    31291856        31292148        .       +
        .       Parent=Smp_202170.1;Name=83872d70-60f3-447b-99d6-
d59923bacb07
SM_V9_1 iris    CDS     31288468        31288494        .       +
        0       Parent=Smp_202170.1
SM_V9_1 iris    CDS     31291856        31292095        .       +
        0       Parent=Smp_202170.1
SM_V9_1 iris    gene    31296743        31311830        .       -
        .
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ID=Smp_160870;geneID=Smp_160870;gene_name=Smp_160870;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31296743        31311830        .       -
       .
ID=Smp_160870.1;Parent=Smp_160870;geneID=Smp_160870;gene_name=Smp_16
0870;owner=irisadmin@local.host;orig_id=Smp_160870.1;date_last_modif
ied=2022-08-02;Name=Smp_160870.1;product=Nuclear valosin-containing
protein-like;date_creation=2022-07-27
SM_V9_1 iris    exon    31296743        31296895        .       -
       .       Parent=Smp_160870.1;Name=e11b714c-9a1f-4970-
b4df-1ee8450d0552
SM_V9_1 iris    exon    31297743        31298034        .       -
       .       Parent=Smp_160870.1;Name=45dd950a-ddf1-4fe4-
b4b8-078e2aa77aaf
SM_V9_1 iris    exon    31299911        31300202        .       -
       .
Parent=Smp_160870.1;Name=dab5e658-33ad-488d-92e1-07f6293af5a0
SM_V9_1 iris    exon    31300663        31300833        .       -
       .       Parent=Smp_160870.1;Name=268bc6e8-0dee-4983-bb93-
d62fde812c1d
SM_V9_1 iris    exon    31302055        31302382        .       -
       .
Parent=Smp_160870.1;Name=4fb81699-0f70-41eb-935a-1ddfe3411031
SM_V9_1 iris    exon    31304596        31304725        .       -
       .       Parent=Smp_160870.1;Name=01565bd5-49e4-413f-
ad7b-6c512f11f400
SM_V9_1 iris    exon    31309226        31309337        .       -
       .       Parent=Smp_160870.1;Name=4b5bb094-da00-4062-
a0d0-3effa3baa482
SM_V9_1 iris    exon    31309371        31309457        .       -
       .       Parent=Smp_160870.1;Name=88b3d0ab-a191-4048-
b109-3d9e7e02b45e
SM_V9_1 iris    exon    31309494        31309619        .       -
       .       Parent=Smp_160870.1;Name=3fee73bf-
cadd-4a99-97b6-9e36f238951a
SM_V9_1 iris    exon    31309654        31309727        .       -
       .       Parent=Smp_160870.1;Name=e3b23458-
e975-4b09-8972-06945bfc8d6c
SM_V9_1 iris    exon    31309763        31309918        .       -
       .       Parent=Smp_160870.1;Name=70e71492-ceee-44b9-9962-
b161375e23b5
SM_V9_1 iris    exon    31309951        31310071        .       -
       .
Parent=Smp_160870.1;Name=06eeefaa-4917-40a3-98fd-8a10a89eda7e
SM_V9_1 iris    exon    31310108        31310189        .       -
       .       Parent=Smp_160870.1;Name=14711c93-1f51-4512-
a162-977ad61414f8
SM_V9_1 iris    exon    31311794        31311830        .       -
       .       Parent=Smp_160870.1;Name=5f0f7254-2c99-4961-a762-
a07aabe1ed3e
SM_V9_1 iris    CDS     31296781        31296895        .       -
       1       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31297743        31298034        .       -
       2       Parent=Smp_160870.1
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SM_V9_1 iris    CDS     31299911        31300202        .       -
        0       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31300663        31300833        .       -
        0       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31302055        31302382        .       -
        1       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31304596        31304725        .       -
        2       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31309226        31309337        .       -
        0       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31309371        31309457        .       -
        0       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31309494        31309619        .       -
        0       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31309654        31309727        .       -
        2       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31309763        31309918        .       -
        2       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31309951        31310071        .       -
        0       Parent=Smp_160870.1
SM_V9_1 iris    CDS     31310108        31310179        .       -
        0       Parent=Smp_160870.1
SM_V9_1 iris    gene    31318824        31323617        .       +
        .
ID=Smp_160880;geneID=Smp_160880;gene_name=Smp_160880;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31318824        31323617        .       +
        .
ID=Smp_160880.1;Parent=Smp_160880;geneID=Smp_160880;gene_name=Smp_16
0880;owner=irisadmin@local.host;orig_id=Smp_160880.3;date_last_modif
ied=2022-11-06;Name=Smp_160880.1;product=Phosphatidylcholine-sterol
acyltransferase;date_creation=2022-07-27
SM_V9_1 iris    exon    31318824        31318958        .       +
        .       Parent=Smp_160880.1;Name=9133cc30-6283-476d-
bbc3-19ffa293af71
SM_V9_1 iris    exon    31319020        31319249        .       +
        .
Parent=Smp_160880.1;Name=b9b0408c-7921-4e9c-9e3d-244745187bf8
SM_V9_1 iris    exon    31319294        31319514        .       +
        .       Parent=Smp_160880.1;Name=ca7a94c9-9282-47c4-
a764-68eeaa23487b
SM_V9_1 iris    exon    31319564        31319791        .       +
        .
Parent=Smp_160880.1;Name=6da628fb-0baa-4cb5-8b83-96d1e7249c24
SM_V9_1 iris    exon    31321152        31321343        .       +
        .       Parent=Smp_160880.1;Name=ff01158f-b4c0-4e17-aa1d-
f6c212a9761e
SM_V9_1 iris    exon    31322753        31323617        .       +
        .       Parent=Smp_160880.1;Name=19c2fd05-bd25-4eb9-
b7ca-4b1ed80be8d4
SM_V9_1 iris    CDS     31318935        31318958        .       +
        0       Parent=Smp_160880.1
SM_V9_1 iris    CDS     31319020        31319249        .       +
        0       Parent=Smp_160880.1
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SM_V9_1 iris    CDS     31319294        31319514        .       +
        1       Parent=Smp_160880.1
SM_V9_1 iris    CDS     31319564        31319791        .       +
        2       Parent=Smp_160880.1
SM_V9_1 iris    CDS     31321152        31321343        .       +
        2       Parent=Smp_160880.1
SM_V9_1 iris    CDS     31322753        31323081        .       +
        2       Parent=Smp_160880.1
SM_V9_1 iris    gene    31339954        31366008        .       +
        .
ID=Smp_246240;geneID=Smp_246240;gene_name=Smp_246240;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31339954        31366008        .       +
        .
ID=Smp_246240.1;Parent=Smp_246240;geneID=Smp_246240;gene_name=Smp_24
6240;owner=irisadmin@local.host;orig_id=Smp_246240.1;date_last_modif
ied=2022-08-02;Name=Smp_246240.1;product=Hypothetical
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    31339954        31342543        .       +
        .       Parent=Smp_246240.1;Name=efdd34ca-d8cb-4db2-bbae-
d3764b18a082
SM_V9_1 iris    exon    31363485        31363785        .       +
        .       Parent=Smp_246240.1;Name=ed6fc385-3608-4087-ad24-
f41e59fa2090
SM_V9_1 iris    exon    31365158        31366008        .       +
        .       Parent=Smp_246240.1;Name=4dd70127-6ce6-4a9b-9b59-
fd7d46da7ed0
SM_V9_1 iris    CDS     31341104        31342543        .       +
        0       Parent=Smp_246240.1
SM_V9_1 iris    CDS     31363485        31363785        .       +
        0       Parent=Smp_246240.1
SM_V9_1 iris    CDS     31365158        31365417        .       +
        2       Parent=Smp_246240.1
SM_V9_1 Liftoff gene    31391882        31402230        .       -
        .
ID=Smp_071380;geneID=Smp_071380;previous_systematic_id=Smp_160920
SM_V9_1 Liftoff mRNA    31391882        31402230        .       -
        .
ID=Smp_071380.1;Parent=Smp_071380;geneID=Smp_071380;product=E3
ubiquitin-protein ligase
RNF167;polypeptide_domain=InterPro:IPR001841,IPR003137,IPR013083
Pfam:PF02225,PF13639
SM_V9_1 Liftoff exon    31391882        31392708        .       -
        .       Parent=Smp_071380.1
SM_V9_1 Liftoff exon    31395542        31396027        .       -
        .       Parent=Smp_071380.1
SM_V9_1 Liftoff exon    31397557        31397640        .       -
        .       Parent=Smp_071380.1
SM_V9_1 Liftoff exon    31399494        31399693        .       -
        .       Parent=Smp_071380.1
SM_V9_1 Liftoff exon    31401570        31401648        .       -
        .       Parent=Smp_071380.1
SM_V9_1 Liftoff exon    31401683        31401899        .       -
        .       Parent=Smp_071380.1
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SM_V9_1 Liftoff exon    31401933        31402022        .       -
        .       Parent=Smp_071380.1
SM_V9_1 Liftoff exon    31402057        31402230        .       -
        .       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31392569        31392708        .       -
        2       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31395542        31396027        .       -
        2       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31397557        31397640        .       -
        2       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31399494        31399693        .       -
        1       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31401570        31401648        .       -
        2       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31401683        31401899        .       -
        0       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31401933        31402022        .       -
        0       Parent=Smp_071380.1
SM_V9_1 Liftoff CDS     31402057        31402128        .       -
        0       Parent=Smp_071380.1
SM_V9_1 Liftoff gene    31432694        31439690        .       +
        .
ID=Smp_345250;geneID=Smp_345250;previous_systematic_id=Smp_160930
SM_V9_1 Liftoff mRNA    31432694        31439690        .       +
        .
ID=Smp_345250.1;Parent=Smp_345250;geneID=Smp_345250;product=Sestrin-
3
SM_V9_1 Liftoff exon    31432694        31435892        .       +
        .       Parent=Smp_345250.1
SM_V9_1 Liftoff exon    31435960        31436064        .       +
        .       Parent=Smp_345250.1
SM_V9_1 Liftoff exon    31436116        31436220        .       +
        .       Parent=Smp_345250.1
SM_V9_1 Liftoff exon    31436282        31436497        .       +
        .       Parent=Smp_345250.1
SM_V9_1 Liftoff exon    31436902        31436994        .       +
        .       Parent=Smp_345250.1
SM_V9_1 Liftoff exon    31439305        31439690        .       +
        .       Parent=Smp_345250.1
SM_V9_1 Liftoff CDS     31435512        31435892        .       +
        0       Parent=Smp_345250.1
SM_V9_1 Liftoff CDS     31435960        31436064        .       +
        0       Parent=Smp_345250.1
SM_V9_1 Liftoff CDS     31436116        31436220        .       +
        0       Parent=Smp_345250.1
SM_V9_1 Liftoff CDS     31436282        31436497        .       +
        0       Parent=Smp_345250.1
SM_V9_1 Liftoff CDS     31436902        31436994        .       +
        0       Parent=Smp_345250.1
SM_V9_1 Liftoff CDS     31439305        31439529        .       +
        0       Parent=Smp_345250.1
SM_V9_1 iris    gene    31443986        31459180        .       -
        .
ID=Smp_071390;geneID=Smp_071390;gene_name=Smp_071390;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31443986        31459180        .       -
        .
ID=Smp_071390.1;Parent=Smp_071390;geneID=Smp_071390;gene_name=Smp_07
1390;owner=irisadmin@local.host;orig_id=Smp_071390.1;date_last_modif
ied=2022-08-02;Name=Smp_071390.1;product=adenylate
kinase;date_creation=2022-07-27
SM_V9_1 iris    exon    31443986        31445173        .       -
        .       Parent=Smp_071390.1;Name=153eb9ff-bd80-4345-a8ef-
e7ceb4708115
SM_V9_1 iris    exon    31447815        31448006        .       -
        .       Parent=Smp_071390.1;Name=b0383bb7-ec18-4fae-917e-
b2b4262d0086
SM_V9_1 iris    exon    31451897        31452013        .       -
        .       Parent=Smp_071390.1;Name=8edd6678-3263-4930-bde4-
d5a781fec287
SM_V9_1 iris    exon    31455438        31455601        .       -
        .       Parent=Smp_071390.1;Name=624f0b75-c572-4a62-
a975-6d95fd00f6c1
SM_V9_1 iris    exon    31458952        31459180        .       -
        .       Parent=Smp_071390.1;Name=ae603518-d33a-4c1f-
baba-47c90128c09d
SM_V9_1 iris    CDS     31445099        31445173        .       -
        0       Parent=Smp_071390.1
SM_V9_1 iris    CDS     31447815        31448006        .       -
        0       Parent=Smp_071390.1
SM_V9_1 iris    CDS     31451897        31452013        .       -
        0       Parent=Smp_071390.1
SM_V9_1 iris    CDS     31455438        31455601        .       -
        2       Parent=Smp_071390.1
SM_V9_1 iris    CDS     31458952        31458997        .       -
        0       Parent=Smp_071390.1
SM_V9_1 Liftoff gene    31473316        31486510        .       -
        .       ID=Smp_160940;geneID=Smp_160940
SM_V9_1 Liftoff mRNA    31473316        31486510        .       -
        .
ID=Smp_160940.1;Parent=Smp_160940;geneID=Smp_160940;product=Transcri
ption initiation factor TFIID subunit
5;polypeptide_domain=InterPro:IPR001680,IPR007582,IPR015943,IPR01798
6,IPR020472 Pfam:PF00400,PF04494;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    31473316        31474213        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff exon    31478535        31478958        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff exon    31484198        31484553        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff exon    31485134        31485282        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff exon    31485558        31485755        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff exon    31485788        31486139        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff exon    31486181        31486265        .       -
        .       Parent=Smp_160940.1
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SM_V9_1 Liftoff exon    31486301        31486377        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff exon    31486413        31486510        .       -
        .       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31473608        31474213        .       -
        0       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31478535        31478958        .       -
        1       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31484198        31484553        .       -
        0       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31485134        31485282        .       -
        2       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31485558        31485755        .       -
        2       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31485788        31486139        .       -
        0       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31486181        31486265        .       -
        1       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31486301        31486377        .       -
        0       Parent=Smp_160940.1
SM_V9_1 Liftoff CDS     31486413        31486472        .       -
        0       Parent=Smp_160940.1
SM_V9_1 iris    gene    31513645        31519346        .       -
        .
ID=Smp_160950;geneID=Smp_160950;gene_name=Smp_160950;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
SM_V9_1 iris    mRNA    31513645        31519346        .       -
        .
ID=Smp_160950.1;Parent=Smp_160950;geneID=Smp_160950;gene_name=Smp_16
0950;owner=irisadmin@local.host;orig_id=Smp_160950.1;date_last_modif
ied=2022-08-25;Name=Smp_160950.1;product=Zinc finger protein-like
1;date_creation=2022-08-25
SM_V9_1 iris    exon    31513645        31514330        .       -
        .
Parent=Smp_160950.1;Name=4bac0065-20b4-4696-8495-6de1177dafb2
SM_V9_1 iris    exon    31515486        31515756        .       -
        .       Parent=Smp_160950.1;Name=52e6002a-6be9-4c9d-
b194-966516644712
SM_V9_1 iris    exon    31518687        31518947        .       -
        .       Parent=Smp_160950.1;Name=0928341f-b5b2-4b59-
b8b2-73183f674c1b
SM_V9_1 iris    exon    31518995        31519115        .       -
        .       Parent=Smp_160950.1;Name=35b93960-6329-4e0b-b96a-
d5803983acd7
SM_V9_1 iris    exon    31519150        31519346        .       -
        .       Parent=Smp_160950.1;Name=beac4a6b-
f255-4477-87a0-2a58e51e0933
SM_V9_1 iris    CDS     31514054        31514330        .       -
        1       Parent=Smp_160950.1
SM_V9_1 iris    CDS     31515486        31515756        .       -
        2       Parent=Smp_160950.1
SM_V9_1 iris    CDS     31518687        31518947        .       -
        2       Parent=Smp_160950.1
SM_V9_1 iris    CDS     31518995        31519115        .       -
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        0       Parent=Smp_160950.1
SM_V9_1 iris    CDS     31519150        31519251        .       -
        0       Parent=Smp_160950.1
SM_V9_1 Liftoff gene    31574019        31642555        .       +
        .
ID=Smp_347800;geneID=Smp_347800;previous_systematic_id=Smp_160970,Sm
p_246420
SM_V9_1 Liftoff mRNA    31574019        31642555        .       +
        .
ID=Smp_347800.1;Parent=Smp_347800;geneID=Smp_347800;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    31574019        31576797        .       +
        .       Parent=Smp_347800.1
SM_V9_1 Liftoff exon    31605884        31605921        .       +
        .       Parent=Smp_347800.1
SM_V9_1 Liftoff exon    31612365        31613442        .       +
        .       Parent=Smp_347800.1
SM_V9_1 Liftoff exon    31636755        31642555        .       +
        .       Parent=Smp_347800.1
SM_V9_1 Liftoff CDS     31574538        31576797        .       +
        0       Parent=Smp_347800.1
SM_V9_1 Liftoff CDS     31605884        31605921        .       +
        2       Parent=Smp_347800.1
SM_V9_1 Liftoff CDS     31612365        31613442        .       +
        0       Parent=Smp_347800.1
SM_V9_1 Liftoff CDS     31636755        31641259        .       +
        2       Parent=Smp_347800.1
SM_V9_1 iris    gene    31661281        31671786        .       -
        .
ID=Smp_071470;geneID=Smp_071470;gene_name=Smp_071470;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31661281        31671786        .       -
        .
ID=Smp_071470.1;Parent=Smp_071470;geneID=Smp_071470;gene_name=Smp_07
1470;owner=irisadmin@local.host;orig_id=Smp_071470.1;date_last_modif
ied=2022-08-02;Name=Smp_071470.1;product=interferon regulatory
factor 4;date_creation=2022-07-27
SM_V9_1 iris    exon    31661281        31661984        .       -
        .       Parent=Smp_071470.1;Name=8f6198c5-
b8fb-473c-9b7b-8d2933c584d0
SM_V9_1 iris    exon    31668906        31669325        .       -
        .       Parent=Smp_071470.1;Name=153a0248-e627-4dcc-be36-
a83fd279639e
SM_V9_1 iris    exon    31669361        31669783        .       -
        .       Parent=Smp_071470.1;Name=2bc13336-6005-4e22-
b20f-099970483c52
SM_V9_1 iris    exon    31671002        31671379        .       -
        .       Parent=Smp_071470.1;Name=d3e9af10-06e1-47f5-82cc-
fa94b8a8dcd9
SM_V9_1 iris    exon    31671413        31671786        .       -
        .
Parent=Smp_071470.1;Name=6df8e708-6f2f-42c0-97a8-4669a2a01d93
SM_V9_1 iris    CDS     31661451        31661984        .       -
        0       Parent=Smp_071470.1
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SM_V9_1 iris    CDS     31668906        31669325        .       -
        0       Parent=Smp_071470.1
SM_V9_1 iris    CDS     31669361        31669783        .       -
        0       Parent=Smp_071470.1
SM_V9_1 iris    CDS     31671002        31671379        .       -
        0       Parent=Smp_071470.1
SM_V9_1 iris    CDS     31671413        31671574        .       -
        0       Parent=Smp_071470.1
SM_V9_1 iris    gene    31703560        31730803        .       +
        .
ID=Smp_246410;geneID=Smp_246410;gene_name=Smp_246410;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31703560        31730803        .       +
        .
ID=Smp_246410.1;Parent=Smp_246410;geneID=Smp_246410;gene_name=Smp_24
6410;owner=irisadmin@local.host;orig_id=Smp_246410.1;date_last_modif
ied=2022-08-02;Name=Smp_246410.1;product=Histone-lysine N-
methyltransferase 2E;date_creation=2022-07-27
SM_V9_1 iris    exon    31703560        31703634        .       +
        .
Parent=Smp_246410.1;Name=86fa66fd-80d0-4d38-835f-42b71d415009
SM_V9_1 iris    exon    31704140        31704422        .       +
        .       Parent=Smp_246410.1;Name=6b94982b-5cb2-4047-bff7-
c61930575aac
SM_V9_1 iris    exon    31704457        31704535        .       +
        .
Parent=Smp_246410.1;Name=c1562ff0-8360-4181-9021-1a99462e3f55
SM_V9_1 iris    exon    31704570        31705135        .       +
        .       Parent=Smp_246410.1;Name=a991430e-bd96-49cc-a90a-
cd9cb257a582
SM_V9_1 iris    exon    31705181        31705599        .       +
        .
Parent=Smp_246410.1;Name=8cf4e027-73d6-4b0a-84db-42590f86d125
SM_V9_1 iris    exon    31715827        31716356        .       +
        .
Parent=Smp_246410.1;Name=9be70a63-1e73-46c3-8851-71257522e2f0
SM_V9_1 iris    exon    31716457        31716563        .       +
        .       Parent=Smp_246410.1;Name=bf114609-5b2d-4c59-b02b-
ca756f1a1b98
SM_V9_1 iris    exon    31716601        31716718        .       +
        .       Parent=Smp_246410.1;Name=d5a8b8fe-420b-4423-
aff5-489acc6316f9
SM_V9_1 iris    exon    31717610        31718076        .       +
        .       Parent=Smp_246410.1;Name=b4da52c2-384b-48f2-a7bf-
c9767ebeac29
SM_V9_1 iris    exon    31720505        31721228        .       +
        .       Parent=Smp_246410.1;Name=0b9cfefc-521c-4c9d-
b509-75347b4e8843
SM_V9_1 iris    exon    31722237        31722353        .       +
        .
Parent=Smp_246410.1;Name=b4b453b0-2287-4b44-9fec-1c6124521955
SM_V9_1 iris    exon    31724265        31725461        .       +
        .       Parent=Smp_246410.1;Name=f41b847f-0b70-4413-b1fc-
b03abc6cee3e
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SM_V9_1 iris    exon    31726560        31726922        .       +
        .       Parent=Smp_246410.1;Name=d5113281-0d6f-48d8-9e7a-
ac3df4cac2bc
SM_V9_1 iris    exon    31727697        31728473        .       +
        .       Parent=Smp_246410.1;Name=6edf3535-9d96-4bec-abbe-
b2e56efade76
SM_V9_1 iris    exon    31729045        31730803        .       +
        .
Parent=Smp_246410.1;Name=0126470c-9ab8-42c3-9407-720c87d605fb
SM_V9_1 iris    CDS     31704163        31704422        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31704457        31704535        .       +
        1       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31704570        31705135        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31705181        31705599        .       +
        1       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31715827        31716356        .       +
        2       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31716457        31716563        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31716601        31716718        .       +
        1       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31717610        31718076        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31720505        31721228        .       +
        1       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31722237        31722353        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31724265        31725461        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31726560        31726922        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31727697        31728473        .       +
        0       Parent=Smp_246410.1
SM_V9_1 iris    CDS     31729045        31729695        .       +
        0       Parent=Smp_246410.1
SM_V9_1 Liftoff gene    31735613        31771419        .       -
        .
ID=Smp_246400;geneID=Smp_246400;previous_systematic_id=Smp_071520
SM_V9_1 Liftoff mRNA    31735613        31771419        .       -
        .
ID=Smp_246400.1;Parent=Smp_246400;geneID=Smp_246400;product=Glycosyl
transferase 1 domain-containing protein
1;polypeptide_domain=InterPro:IPR001296 Pfam:PF00534
SM_V9_1 Liftoff exon    31735613        31735937        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31738916        31739014        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31740112        31740229        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31744399        31744445        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31752538        31752632        .       -
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        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31754820        31754975        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31765465        31765501        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31767689        31767740        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31767794        31767905        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31771102        31771259        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff exon    31771303        31771419        .       -
        .       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31735779        31735937        .       -
        0       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31738916        31739014        .       -
        0       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31740112        31740229        .       -
        1       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31744399        31744445        .       -
        0       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31752538        31752632        .       -
        2       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31754820        31754975        .       -
        2       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31765465        31765501        .       -
        0       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31767689        31767740        .       -
        1       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31767794        31767905        .       -
        2       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31771102        31771259        .       -
        1       Parent=Smp_246400.1
SM_V9_1 Liftoff CDS     31771303        31771370        .       -
        0       Parent=Smp_246400.1
SM_V9_1 Liftoff gene    31782371        31795030        .       -
        .       ID=Smp_071540;geneID=Smp_071540
SM_V9_1 Liftoff mRNA    31782371        31795030        .       -
        .
ID=Smp_071540.1;Parent=Smp_071540;geneID=Smp_071540;product=Shikimat
e dehydrogenase (NADP(+))
SM_V9_1 Liftoff exon    31782371        31782994        .       -
        .       Parent=Smp_071540.1
SM_V9_1 Liftoff exon    31783032        31783136        .       -
        .       Parent=Smp_071540.1
SM_V9_1 Liftoff exon    31785990        31786681        .       -
        .       Parent=Smp_071540.1
SM_V9_1 Liftoff exon    31790787        31795030        .       -
        .       Parent=Smp_071540.1
SM_V9_1 Liftoff CDS     31782914        31782994        .       -
        0       Parent=Smp_071540.1
SM_V9_1 Liftoff CDS     31783032        31783136        .       -
        0       Parent=Smp_071540.1
SM_V9_1 Liftoff CDS     31785990        31786681        .       -
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        2       Parent=Smp_071540.1
SM_V9_1 Liftoff CDS     31790787        31790823        .       -
        0       Parent=Smp_071540.1
SM_V9_1 iris    gene    31798030        31810014        .       +
        .
ID=Smp_071550;geneID=Smp_071550;gene_name=Smp_071550;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31798030        31810014        .       +
        .
ID=Smp_071550.1;Parent=Smp_071550;geneID=Smp_071550;gene_name=Smp_07
1550;owner=irisadmin@local.host;orig_id=Smp_071550.1;date_last_modif
ied=2022-08-02;Name=Smp_071550.1;product=Vacuolar protein sorting-
associated protein 16B;date_creation=2022-07-27
SM_V9_1 iris    exon    31798030        31799992        .       +
        .
Parent=Smp_071550.1;Name=e15ab458-0ce7-43b5-9173-337aa3983adc
SM_V9_1 iris    exon    31800034        31800110        .       +
        .       Parent=Smp_071550.1;Name=cec8e684-c98d-4e37-
b5d3-717905ccc5e8
SM_V9_1 iris    exon    31800146        31800208        .       +
        .       Parent=Smp_071550.1;Name=ea20991c-f6ed-4b47-8e19-
a80b5027570c
SM_V9_1 iris    exon    31800259        31800344        .       +
        .       Parent=Smp_071550.1;Name=b541c9c3-3169-41f0-
ab6a-5549461938d1
SM_V9_1 iris    exon    31800395        31800547        .       +
        .
Parent=Smp_071550.1;Name=9eb07fc6-36f0-45a6-987b-469efdb6e668
SM_V9_1 iris    exon    31800598        31800734        .       +
        .       Parent=Smp_071550.1;Name=156b3ad1-c1e8-4265-982c-
c785c2a846a0
SM_V9_1 iris    exon    31800773        31800800        .       +
        .       Parent=Smp_071550.1;Name=0dd7c249-
a99a-471f-9798-6ddfb23cb765
SM_V9_1 iris    exon    31800850        31800941        .       +
        .
Parent=Smp_071550.1;Name=e5a5a8d7-10b4-4503-97c5-90dd93687013
SM_V9_1 iris    exon    31800980        31801067        .       +
        .       Parent=Smp_071550.1;Name=af336c72-8728-4df5-8f2a-
b24734d51c40
SM_V9_1 iris    exon    31801114        31801296        .       +
        .       Parent=Smp_071550.1;Name=8b8e11af-0fab-4b71-a3ac-
ef5dfe53bd8f
SM_V9_1 iris    exon    31804186        31804275        .       +
        .       Parent=Smp_071550.1;Name=7c0f879a-
b244-459c-86dc-04648e2189e2
SM_V9_1 iris    exon    31804317        31804400        .       +
        .       Parent=Smp_071550.1;Name=9747e995-7640-4c62-8244-
d58ecd70e0ca
SM_V9_1 iris    exon    31807582        31807671        .       +
        .       Parent=Smp_071550.1;Name=4495d33e-e767-4069-9dc4-
a6bfbe00b0ca
SM_V9_1 iris    exon    31808665        31808769        .       +
        .       Parent=Smp_071550.1;Name=bfda0f24-76bf-49a4-83e7-
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a3f8b9b8625e
SM_V9_1 iris    exon    31809741        31810014        .       +
        .       Parent=Smp_071550.1;Name=7046e7dd-
bbe9-4b39-8c1b-5d13b6a702b0
SM_V9_1 iris    CDS     31800035        31800110        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31800146        31800208        .       +
        2       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31800259        31800344        .       +
        2       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31800395        31800547        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31800598        31800734        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31800773        31800800        .       +
        1       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31800850        31800941        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31800980        31801067        .       +
        1       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31801114        31801296        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31804186        31804275        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31804317        31804400        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31807582        31807671        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31808665        31808769        .       +
        0       Parent=Smp_071550.1
SM_V9_1 iris    CDS     31809741        31809782        .       +
        0       Parent=Smp_071550.1
SM_V9_1 Liftoff gene    31809594        31814546        .       -
        .       ID=Smp_071560;geneID=Smp_071560
SM_V9_1 Liftoff mRNA    31809594        31814546        .       -
        .
ID=Smp_071560.1;Parent=Smp_071560;geneID=Smp_071560;product=Transmem
brane protein 147;polypeptide_domain=InterPro:IPR019164 Pfam:PF09767
SM_V9_1 Liftoff exon    31809594        31810045        .       -
        .       Parent=Smp_071560.1
SM_V9_1 Liftoff exon    31813556        31813677        .       -
        .       Parent=Smp_071560.1
SM_V9_1 Liftoff exon    31813713        31813797        .       -
        .       Parent=Smp_071560.1
SM_V9_1 Liftoff exon    31813832        31813959        .       -
        .       Parent=Smp_071560.1
SM_V9_1 Liftoff exon    31813993        31814122        .       -
        .       Parent=Smp_071560.1
SM_V9_1 Liftoff exon    31814158        31814546        .       -
        .       Parent=Smp_071560.1
SM_V9_1 Liftoff CDS     31809793        31810045        .       -
        1       Parent=Smp_071560.1
SM_V9_1 Liftoff CDS     31813556        31813677        .       -
        0       Parent=Smp_071560.1
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SM_V9_1 Liftoff CDS     31813713        31813797        .       -
        1       Parent=Smp_071560.1
SM_V9_1 Liftoff CDS     31813832        31813959        .       -
        0       Parent=Smp_071560.1
SM_V9_1 Liftoff CDS     31813993        31814122        .       -
        1       Parent=Smp_071560.1
SM_V9_1 Liftoff CDS     31814158        31814234        .       -
        0       Parent=Smp_071560.1
SM_V9_1 iris    gene    31827223        31843105        .       +
        .
ID=Smp_071570;geneID=Smp_071570;gene_name=Smp_071570;owner=irisadmin
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SM_V9_1 iris    mRNA    31827223        31843105        .       +
        .
ID=Smp_071570.1;Parent=Smp_071570;geneID=Smp_071570;gene_name=Smp_07
1570;owner=irisadmin@local.host;orig_id=Smp_071570.2;date_last_modif
ied=2022-08-02;Name=Smp_071570.1;product=Transcription factor IIIB
90 kDa subunit;date_creation=2022-07-27
SM_V9_1 iris    exon    31827223        31827422        .       +
        .       Parent=Smp_071570.1;Name=0142fba4-c514-48b4-
ad42-79af0b35632c
SM_V9_1 iris    exon    31827457        31827504        .       +
        .       Parent=Smp_071570.1;Name=2f9478a4-becc-41db-
b46a-3f5bfc72d115
SM_V9_1 iris    exon    31828492        31828770        .       +
        .       Parent=Smp_071570.1;Name=dda84d49-
c79e-446c-97aa-6931c08914d5
SM_V9_1 iris    exon    31830651        31830863        .       +
        .       Parent=Smp_071570.1;Name=03bafb22-9460-4cc6-
a638-56f76043cdeb
SM_V9_1 iris    exon    31832023        31832183        .       +
        .       Parent=Smp_071570.1;Name=d76042a3-defb-4efe-961f-
f35f5c3fefac
SM_V9_1 iris    exon    31832997        31833129        .       +
        .       Parent=Smp_071570.1;Name=054e14a8-0f56-43e1-8d1c-
bc2ded19aebc
SM_V9_1 iris    exon    31834633        31835076        .       +
        .       Parent=Smp_071570.1;Name=607ae9f1-58b2-4f78-a2e0-
f45ff1214bc5
SM_V9_1 iris    exon    31836556        31836624        .       +
        .       Parent=Smp_071570.1;Name=85e300fd-7d8d-4d83-9af6-
b6fe5ff71bb0
SM_V9_1 iris    exon    31838114        31838169        .       +
        .
Parent=Smp_071570.1;Name=7a9172e4-0444-42ad-9ef1-18a02d1f9b85
SM_V9_1 iris    exon    31840207        31840291        .       +
        .       Parent=Smp_071570.1;Name=f440860f-
ba5f-433e-879a-52a1140b7d0e
SM_V9_1 iris    exon    31841075        31841145        .       +
        .       Parent=Smp_071570.1;Name=ffa0ccd9-f529-4350-8c71-
f14fe4cc53e4
SM_V9_1 iris    exon    31842160        31843105        .       +
        .       Parent=Smp_071570.1;Name=699561eb-1c69-4543-
bd61-716aea84cca4
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SM_V9_1 iris    CDS     31827248        31827422        .       +
        0       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31827457        31827504        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31828492        31828770        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31830651        31830863        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31832023        31832183        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31832997        31833129        .       +
        0       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31834633        31835076        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31836556        31836624        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31838114        31838169        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31840207        31840291        .       +
        0       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31841075        31841145        .       +
        2       Parent=Smp_071570.1
SM_V9_1 iris    CDS     31842160        31842738        .       +
        0       Parent=Smp_071570.1
SM_V9_1 Liftoff gene    31845025        31853616        .       -
        .       ID=Smp_161040;geneID=Smp_161040
SM_V9_1 Liftoff mRNA    31845025        31853616        .       -
        .
ID=Smp_161040.1;Parent=Smp_161040;geneID=Smp_161040;product=Probable
pectin lyase F
SM_V9_1 Liftoff exon    31845025        31845399        .       -
        .       Parent=Smp_161040.1
SM_V9_1 Liftoff exon    31848283        31848389        .       -
        .       Parent=Smp_161040.1
SM_V9_1 Liftoff exon    31848442        31848524        .       -
        .       Parent=Smp_161040.1
SM_V9_1 Liftoff exon    31853213        31853616        .       -
        .       Parent=Smp_161040.1
SM_V9_1 Liftoff CDS     31845289        31845399        .       -
        0       Parent=Smp_161040.1
SM_V9_1 Liftoff CDS     31848283        31848389        .       -
        2       Parent=Smp_161040.1
SM_V9_1 Liftoff CDS     31848442        31848524        .       -
        1       Parent=Smp_161040.1
SM_V9_1 Liftoff CDS     31853213        31853544        .       -
        0       Parent=Smp_161040.1
SM_V9_1 Liftoff gene    31855941        31858418        .       -
        .
ID=Smp_161060;geneID=Smp_161060;previous_systematic_id=Smp_161050
SM_V9_1 Liftoff mRNA    31855941        31858418        .       -
        .
ID=Smp_161060.1;Parent=Smp_161060;geneID=Smp_161060;product=FK506-
binding protein 15
SM_V9_1 Liftoff exon    31855941        31856245        .       -
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        .       Parent=Smp_161060.1
SM_V9_1 Liftoff exon    31856300        31856389        .       -
        .       Parent=Smp_161060.1
SM_V9_1 Liftoff exon    31857961        31858015        .       -
        .       Parent=Smp_161060.1
SM_V9_1 Liftoff exon    31858055        31858102        .       -
        .       Parent=Smp_161060.1
SM_V9_1 Liftoff exon    31858147        31858221        .       -
        .       Parent=Smp_161060.1
SM_V9_1 Liftoff exon    31858279        31858418        .       -
        .       Parent=Smp_161060.1
SM_V9_1 Liftoff CDS     31856101        31856245        .       -
        1       Parent=Smp_161060.1
SM_V9_1 Liftoff CDS     31856300        31856389        .       -
        1       Parent=Smp_161060.1
SM_V9_1 Liftoff CDS     31857961        31858015        .       -
        2       Parent=Smp_161060.1
SM_V9_1 Liftoff CDS     31858055        31858102        .       -
        2       Parent=Smp_161060.1
SM_V9_1 Liftoff CDS     31858147        31858221        .       -
        2       Parent=Smp_161060.1
SM_V9_1 Liftoff CDS     31858279        31858348        .       -
        0       Parent=Smp_161060.1
SM_V9_1 iris    gene    31870760        31881994        .       +
        .
ID=Smp_129100;geneID=Smp_129100;gene_name=Smp_129100;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31870760        31881994        .       +
        .
ID=Smp_129100.1;Parent=Smp_129100;geneID=Smp_129100;gene_name=Smp_12
9100;owner=irisadmin@local.host;orig_id=Smp_129100.2;date_last_modif
ied=2022-08-02;Name=Smp_129100.1;product=Probable cytosol
aminopeptidase;date_creation=2022-07-27
SM_V9_1 iris    exon    31870760        31870898        .       +
        .       Parent=Smp_129100.1;Name=4981f8b0-78ae-48d0-
b8ed-05ebe8e9540a
SM_V9_1 iris    exon    31876971        31877149        .       +
        .       Parent=Smp_129100.1;Name=85bd78b6-
b501-4eb8-9a4f-81535573eaa4
SM_V9_1 iris    exon    31878101        31878363        .       +
        .       Parent=Smp_129100.1;Name=54122556-870c-443a-97e4-
bc054519cd1d
SM_V9_1 iris    exon    31879778        31880017        .       +
        .       Parent=Smp_129100.1;Name=c0d8dd77-
ef7a-4a76-8a1a-18ee86bd4429
SM_V9_1 iris    exon    31881651        31881994        .       +
        .       Parent=Smp_129100.1;Name=4aac741b-36ac-4572-
baba-4f520f3eb26f
SM_V9_1 iris    CDS     31877036        31877149        .       +
        0       Parent=Smp_129100.1
SM_V9_1 iris    CDS     31878101        31878363        .       +
        0       Parent=Smp_129100.1
SM_V9_1 iris    CDS     31879778        31880017        .       +
        1       Parent=Smp_129100.1
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SM_V9_1 iris    CDS     31881651        31881807        .       +
        1       Parent=Smp_129100.1
SM_V9_1 iris    gene    31894023        31901680        .       +
        .
ID=Smp_129090;geneID=Smp_129090;gene_name=Smp_129090;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    31894023        31901680        .       +
        .
ID=Smp_129090.1;Parent=Smp_129090;geneID=Smp_129090;gene_name=Smp_12
9090;owner=irisadmin@local.host;orig_id=Smp_129090.1;date_last_modif
ied=2022-08-02;Name=Smp_129090.1;product=Protein
Ycf2;date_creation=2022-07-27
SM_V9_1 iris    exon    31894023        31894060        .       +
        .       Parent=Smp_129090.1;Name=6894c16c-1c9d-4f2e-a5b1-
deb4c1e72a32
SM_V9_1 iris    exon    31901229        31901680        .       +
        .       Parent=Smp_129090.1;Name=138fd50a-76bf-4e12-
b6ad-00669cd5ca9f
SM_V9_1 iris    CDS     31901253        31901489        .       +
        0       Parent=Smp_129090.1
SM_V9_1 Liftoff gene    31911560        31933663        .       +
        .       ID=Smp_012930;geneID=Smp_012930
SM_V9_1 Liftoff mRNA    31911560        31933663        .       +
        .
ID=Smp_012930.1;Parent=Smp_012930;geneID=Smp_012930;product=Inosine-
5'-monophosphate dehydrogenase
2;polypeptide_domain=InterPro:IPR000644,IPR001093,IPR005990,IPR01378
5,IPR015875
Pfam:PF00478,PF00571;Ontology_term=GO:0003824,GO:0003938,GO:0006164,
GO:0016491,GO:0055114
SM_V9_1 Liftoff exon    31911560        31911767        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31911803        31911953        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31911995        31912069        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31914156        31914362        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31915198        31915285        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31917045        31917147        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31919910        31920006        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31924764        31924854        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31929668        31929804        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31931091        31931280        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31932046        31932331        .       +
        .       Parent=Smp_012930.1
SM_V9_1 Liftoff exon    31933277        31933663        .       +
        .       Parent=Smp_012930.1
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SM_V9_1 Liftoff CDS     31911685        31911767        .       +
        0       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31911803        31911953        .       +
        1       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31911995        31912069        .       +
        0       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31914156        31914362        .       +
        0       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31915198        31915285        .       +
        0       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31917045        31917147        .       +
        2       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31919910        31920006        .       +
        1       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31924764        31924854        .       +
        0       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31929668        31929804        .       +
        2       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31931091        31931280        .       +
        0       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31932046        31932331        .       +
        2       Parent=Smp_012930.1
SM_V9_1 Liftoff CDS     31933277        31933298        .       +
        1       Parent=Smp_012930.1
SM_V9_1 Liftoff gene    32010021        32012476        .       -
        .       ID=Smp_012920;geneID=Smp_012920
SM_V9_1 Liftoff mRNA    32010021        32012476        .       -
        .
ID=Smp_012920.1;Parent=Smp_012920;geneID=Smp_012920;product=Neuropep
tide receptor 18;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    32010021        32012476        .       -
        .       Parent=Smp_012920.1
SM_V9_1 Liftoff CDS     32010275        32012284        .       -
        0       Parent=Smp_012920.1
SM_V9_1 Liftoff gene    32042379        32042938        .       +
        .       ID=Smp_129080;geneID=Smp_129080
SM_V9_1 Liftoff mRNA    32042379        32042938        .       +
        .
ID=Smp_129080.1;Parent=Smp_129080;geneID=Smp_129080;product=ATP
synthase subunit g,
mitochondrial;polypeptide_domain=InterPro:IPR006808,IPR016702
Pfam:PF04718;Ontology_term=GO:0000276,GO:0015078,GO:0015986
SM_V9_1 Liftoff exon    32042379        32042442        .       +
        .       Parent=Smp_129080.1
SM_V9_1 Liftoff exon    32042474        32042646        .       +
        .       Parent=Smp_129080.1
SM_V9_1 Liftoff exon    32042679        32042938        .       +
        .       Parent=Smp_129080.1
SM_V9_1 Liftoff CDS     32042403        32042442        .       +
        0       Parent=Smp_129080.1
SM_V9_1 Liftoff CDS     32042474        32042646        .       +
        2       Parent=Smp_129080.1
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SM_V9_1 Liftoff CDS     32042679        32042804        .       +
        0       Parent=Smp_129080.1
SM_V9_1 iris    gene    32046490        32058345        .       -
        .
ID=Smp_012900;geneID=Smp_012900;gene_name=Smp_012900;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
SM_V9_1 iris    mRNA    32046490        32058345        .       -
        .
ID=Smp_012900.1;Parent=Smp_012900;geneID=Smp_012900;gene_name=Smp_01
2900;owner=irisadmin@local.host;orig_id=Smp_012900.1;date_last_modif
ied=2022-08-25;Name=Smp_012900.1;product=Poly(U)-binding-splicing
factor PUF60-B;date_creation=2022-08-25
SM_V9_1 iris    exon    32046490        32046848        .       -
        .       Parent=Smp_012900.1;Name=648495ac-3925-4337-
a509-7cd31c0eb19e
SM_V9_1 iris    exon    32053340        32053523        .       -
        .       Parent=Smp_012900.1;Name=0701f171-9879-4d32-
bb0d-6b2e68b928a8
SM_V9_1 iris    exon    32054339        32054510        .       -
        .       Parent=Smp_012900.1;Name=fdebd5b4-f6cb-403f-afec-
e8fe294eb7f5
SM_V9_1 iris    exon    32054590        32054842        .       -
        .       Parent=Smp_012900.1;Name=723a9b1a-4ff5-4cec-
b304-2b07555a02f2
SM_V9_1 iris    exon    32054881        32055565        .       -
        .       Parent=Smp_012900.1;Name=fed43b17-58f4-4dc2-b413-
f5d398925929
SM_V9_1 iris    exon    32058302        32058345        .       -
        .       Parent=Smp_012900.1;Name=992d22cf-
e053-448c-8e9f-11a05d7572b2
SM_V9_1 iris    CDS     32046560        32046848        .       -
        1       Parent=Smp_012900.1
SM_V9_1 iris    CDS     32053340        32053523        .       -
        2       Parent=Smp_012900.1
SM_V9_1 iris    CDS     32054339        32054510        .       -
        0       Parent=Smp_012900.1
SM_V9_1 iris    CDS     32054590        32054842        .       -
        1       Parent=Smp_012900.1
SM_V9_1 iris    CDS     32054881        32055545        .       -
        0       Parent=Smp_012900.1
SM_V9_1 Liftoff gene    32065181        32076464        .       +
        .       ID=Smp_129070;geneID=Smp_129070
SM_V9_1 Liftoff mRNA    32065181        32076464        .       +
        .
ID=Smp_129070.1;Parent=Smp_129070;geneID=Smp_129070;product=Ras-
related protein
Rap-1b;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR020849,IPR
027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0007165,GO:00160
20
SM_V9_1 Liftoff exon    32065181        32065507        .       +
        .       Parent=Smp_129070.1
SM_V9_1 Liftoff exon    32070837        32071212        .       +
        .       Parent=Smp_129070.1
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SM_V9_1 Liftoff exon    32074924        32076464        .       +
        .       Parent=Smp_129070.1
SM_V9_1 Liftoff CDS     32065371        32065507        .       +
        0       Parent=Smp_129070.1
SM_V9_1 Liftoff CDS     32070837        32071212        .       +
        1       Parent=Smp_129070.1
SM_V9_1 Liftoff CDS     32074924        32074971        .       +
        0       Parent=Smp_129070.1
SM_V9_1 Liftoff gene    32083737        32151482        .       +
        .       ID=Smp_129060;geneID=Smp_129060
SM_V9_1 Liftoff mRNA    32083737        32151482        .       +
        .
ID=Smp_129060.1;Parent=Smp_129060;geneID=Smp_129060;product=Vesicula
r glutamate transporter
2;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_1 Liftoff exon    32083737        32084368        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32131165        32131516        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32132813        32133046        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32134846        32134933        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32135876        32135962        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32137510        32137646        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32140346        32140495        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32141332        32141461        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32142954        32143064        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32148871        32148998        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff exon    32150113        32151482        .       +
        .       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32084364        32084368        .       +
        0       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32131165        32131516        .       +
        1       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32132813        32133046        .       +
        0       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32134846        32134933        .       +
        0       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32135876        32135962        .       +
        2       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32137510        32137646        .       +
        2       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32140346        32140495        .       +
        0       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32141332        32141461        .       +
        0       Parent=Smp_129060.1
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SM_V9_1 Liftoff CDS     32142954        32143064        .       +
        2       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32148871        32148998        .       +
        2       Parent=Smp_129060.1
SM_V9_1 Liftoff CDS     32150113        32150532        .       +
        0       Parent=Smp_129060.1
SM_V9_1 iris    gene    32158797        32225195        .       +
        .
ID=Smp_129050;geneID=Smp_129050;gene_name=Smp_129050;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32158797        32225195        .       +
        .
ID=Smp_129050.1;Parent=Smp_129050;geneID=Smp_129050;gene_name=Smp_12
9050;owner=irisadmin@local.host;orig_id=Smp_129050.1;date_last_modif
ied=2022-08-02;Name=Smp_129050.1;product=Dynamin-1;date_creation=202
2-07-27
SM_V9_1 iris    exon    32158797        32159088        .       +
        .       Parent=Smp_129050.1;Name=9e51c41b-5674-4148-
a22b-5577c09ff339
SM_V9_1 iris    exon    32159123        32159196        .       +
        .       Parent=Smp_129050.1;Name=7266bfdc-6ba7-4088-9212-
e6fb42c31d7a
SM_V9_1 iris    exon    32159237        32159389        .       +
        .       Parent=Smp_129050.1;Name=83507d67-22b6-494b-80f2-
a48edd048fd0
SM_V9_1 iris    exon    32159432        32159734        .       +
        .
Parent=Smp_129050.1;Name=8be072f8-8be1-46a3-9ac4-9e58c6570656
SM_V9_1 iris    exon    32162983        32163286        .       +
        .       Parent=Smp_129050.1;Name=6509589f-0dc8-4a1d-8d22-
ae9715eadaad
SM_V9_1 iris    exon    32164914        32165049        .       +
        .       Parent=Smp_129050.1;Name=d3bc844c-b378-44a6-
bbba-33d7c28248fc
SM_V9_1 iris    exon    32167451        32167518        .       +
        .       Parent=Smp_129050.1;Name=6fd1c1da-fae6-4335-b358-
adafdff97502
SM_V9_1 iris    exon    32169306        32169444        .       +
        .       Parent=Smp_129050.1;Name=7c01ffa9-d1c2-4a89-
bfc8-29c2ea97c197
SM_V9_1 iris    exon    32181178        32181335        .       +
        .
Parent=Smp_129050.1;Name=12bd7cc6-16cf-4ab5-8e68-536f10ed5f43
SM_V9_1 iris    exon    32186798        32186846        .       +
        .       Parent=Smp_129050.1;Name=51d15c55-
a636-4c0d-95ed-30d7a2d31c72
SM_V9_1 iris    exon    32188393        32188506        .       +
        .
Parent=Smp_129050.1;Name=52f93de6-63a0-46bc-9fd8-9c2c42ed0205
SM_V9_1 iris    exon    32199652        32199891        .       +
        .       Parent=Smp_129050.1;Name=addfb9fa-850e-4afe-
b2c7-713ed9475077
SM_V9_1 iris    exon    32202464        32202619        .       +
        .       Parent=Smp_129050.1;Name=efe01d40-0bf0-40fb-bcdd-
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d158d722ab54
SM_V9_1 iris    exon    32203662        32203715        .       +
        .       Parent=Smp_129050.1;Name=e8f8c724-091c-4a85-8e57-
c999211164ca
SM_V9_1 iris    exon    32205635        32205796        .       +
        .       Parent=Smp_129050.1;Name=9d692a07-aa73-4a1d-
a99f-485712f0dc22
SM_V9_1 iris    exon    32206828        32207072        .       +
        .       Parent=Smp_129050.1;Name=9a246fd6-7361-4bc6-b552-
beb9d7e078d3
SM_V9_1 iris    exon    32222118        32222393        .       +
        .
Parent=Smp_129050.1;Name=e3d4dd12-2762-4ea1-9c84-3861b56b238d
SM_V9_1 iris    exon    32223615        32225195        .       +
        .       Parent=Smp_129050.1;Name=7894d1b4-3146-4e9a-
bbe3-516cdf47d744
SM_V9_1 iris    CDS     32158925        32159088        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32159123        32159196        .       +
        1       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32159237        32159389        .       +
        2       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32159432        32159734        .       +
        2       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32162983        32163286        .       +
        2       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32164914        32165049        .       +
        1       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32167451        32167518        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32169306        32169444        .       +
        1       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32181178        32181335        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32186798        32186846        .       +
        1       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32188393        32188506        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32199652        32199891        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32202464        32202619        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32203662        32203715        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32205635        32205796        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32206828        32207072        .       +
        0       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32222118        32222393        .       +
        1       Parent=Smp_129050.1
SM_V9_1 iris    CDS     32223615        32223666        .       +
        1       Parent=Smp_129050.1
SM_V9_1 Liftoff gene    32233340        32246122        .       -
        .       ID=Smp_106970;geneID=Smp_106970
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SM_V9_1 Liftoff mRNA    32233340        32246122        .       -
       .
ID=Smp_106970.1;Parent=Smp_106970;geneID=Smp_106970;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR002018,IPR029058
Pfam:PF00135
SM_V9_1 Liftoff exon    32233340        32246122        .       -
       .       Parent=Smp_106970.1
SM_V9_1 Liftoff CDS     32233526        32234533        .       -
       0       Parent=Smp_106970.1
SM_V9_1 Liftoff gene    32259717        32259959        .       -
       .       ID=Smp_200770;geneID=Smp_200770
SM_V9_1 Liftoff mRNA    32259717        32259959        .       -
       .
ID=Smp_200770.1;Parent=Smp_200770;geneID=Smp_200770;product=Potassiu
m-transporting ATPase potassium-binding subunit
SM_V9_1 Liftoff exon    32259717        32259959        .       -
       .       Parent=Smp_200770.1
SM_V9_1 Liftoff CDS     32259717        32259959        .       -
       0       Parent=Smp_200770.1
SM_V9_1 iris    gene    32268494        32276621        .       +
       .
ID=Smp_012860;geneID=Smp_012860;gene_name=Smp_012860;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32268494        32276621        .       +
       .
ID=Smp_012860.1;Parent=Smp_012860;geneID=Smp_012860;gene_name=Smp_01
2860;owner=irisadmin@local.host;orig_id=Smp_012860.1;date_last_modif
ied=2022-08-02;Name=Smp_012860.1;product=tRNA (adenine(58)-N(1))-
methyltransferase non-catalytic subunit
TRM6;date_creation=2022-07-27
SM_V9_1 iris    exon    32268494        32268614        .       +
       .       Parent=Smp_012860.1;Name=33c44cac-2808-401b-
ad6c-1e2c01d6e9dc
SM_V9_1 iris    exon    32269158        32269280        .       +
       .
Parent=Smp_012860.1;Name=794e4665-256b-428e-9f72-3969d9495c2b
SM_V9_1 iris    exon    32269314        32269431        .       +
       .
Parent=Smp_012860.1;Name=9acbb6ca-2e55-402a-91f4-7dda792841d3
SM_V9_1 iris    exon    32269470        32269613        .       +
       .       Parent=Smp_012860.1;Name=120f2b0a-4ad1-4e04-
ad2d-03d80a95be30
SM_V9_1 iris    exon    32269646        32269821        .       +
       .       Parent=Smp_012860.1;Name=b37ab430-28f9-4add-94dc-
cbaabe889356
SM_V9_1 iris    exon    32271201        32271423        .       +
       .       Parent=Smp_012860.1;Name=ae9681fe-9bbe-401f-
be9c-5c20232aa7ae
SM_V9_1 iris    exon    32272827        32272946        .       +
       .
Parent=Smp_012860.1;Name=21b40465-931f-44e8-9883-3726fc2f9eb6
SM_V9_1 iris    exon    32274163        32274214        .       +
       .       Parent=Smp_012860.1;Name=3696313a-0e1c-4e24-911e-
fbac00e3204c
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SM_V9_1 iris    exon    32275007        32275200        .       +
        .       Parent=Smp_012860.1;Name=05fbabe9-12fc-48a4-8323-
bdbaed79d0fe
SM_V9_1 iris    exon    32276290        32276621        .       +
        .       Parent=Smp_012860.1;Name=4e7eefd3-5441-4e61-9bf2-
a116c9c63660
SM_V9_1 iris    CDS     32269204        32269280        .       +
        0       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32269314        32269431        .       +
        1       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32269470        32269613        .       +
        0       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32269646        32269821        .       +
        0       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32271201        32271423        .       +
        1       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32272827        32272946        .       +
        0       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32274163        32274214        .       +
        0       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32275007        32275200        .       +
        2       Parent=Smp_012860.1
SM_V9_1 iris    CDS     32276290        32276511        .       +
        0       Parent=Smp_012860.1
SM_V9_1 Liftoff gene    32287357        32313075        .       +
        .
ID=Smp_313530;geneID=Smp_313530;previous_systematic_id=Smp_129030
SM_V9_1 Liftoff mRNA    32287357        32313075        .       +
        .
ID=Smp_313530.1;Parent=Smp_313530;geneID=Smp_313530;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR011116;Ontology_term=GO:00160
20,GO:0017038
SM_V9_1 Liftoff exon    32287357        32287420        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32290805        32291666        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32292310        32292434        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32294399        32294580        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32295713        32295785        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32297596        32297738        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32299597        32299762        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32301128        32301244        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff exon    32303260        32313075        .       +
        .       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32287403        32287420        .       +
        0       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32290805        32291666        .       +
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        0       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32292310        32292434        .       +
        2       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32294399        32294580        .       +
        0       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32295713        32295785        .       +
        1       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32297596        32297738        .       +
        0       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32299597        32299762        .       +
        1       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32301128        32301244        .       +
        0       Parent=Smp_313530.1
SM_V9_1 Liftoff CDS     32303260        32303283        .       +
        0       Parent=Smp_313530.1
SM_V9_1 Liftoff gene    32313157        32332181        .       +
        .
ID=Smp_313540;geneID=Smp_313540;previous_systematic_id=Smp_129030
SM_V9_1 Liftoff mRNA    32313157        32319931        .       +
        .
ID=Smp_313540.2;Parent=Smp_313540;geneID=Smp_313540;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    32313157        32315058        .       +
        .       Parent=Smp_313540.2
SM_V9_1 Liftoff exon    32316662        32319931        .       +
        .       Parent=Smp_313540.2
SM_V9_1 Liftoff CDS     32315023        32315058        .       +
        0       Parent=Smp_313540.2
SM_V9_1 Liftoff CDS     32316662        32317051        .       +
        0       Parent=Smp_313540.2
SM_V9_1 Liftoff mRNA    32313157        32332181        .       +
        .
ID=Smp_313540.1;Parent=Smp_313540;geneID=Smp_313540;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    32313157        32315058        .       +
        .       Parent=Smp_313540.1
SM_V9_1 Liftoff exon    32316662        32317027        .       +
        .       Parent=Smp_313540.1
SM_V9_1 Liftoff exon    32319266        32319376        .       +
        .       Parent=Smp_313540.1
SM_V9_1 Liftoff exon    32327709        32332181        .       +
        .       Parent=Smp_313540.1
SM_V9_1 Liftoff CDS     32315023        32315058        .       +
        0       Parent=Smp_313540.1
SM_V9_1 Liftoff CDS     32316662        32317027        .       +
        0       Parent=Smp_313540.1
SM_V9_1 Liftoff CDS     32319266        32319376        .       +
        0       Parent=Smp_313540.1
SM_V9_1 Liftoff CDS     32327709        32327777        .       +
        0       Parent=Smp_313540.1
SM_V9_1 iris    gene    32334709        32348657        .       +
        .
ID=Smp_129020;geneID=Smp_129020;gene_name=Smp_129020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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SM_V9_1 iris    mRNA    32334709        32348657        .       +
       .
ID=Smp_129020.1;Parent=Smp_129020;geneID=Smp_129020;gene_name=Smp_12
9020;owner=irisadmin@local.host;orig_id=Smp_129020.1;date_last_modif
ied=2022-08-02;Name=Smp_129020.1;product=Innexin
unc-9;date_creation=2022-07-27
SM_V9_1 iris    exon    32334709        32335067        .       +
       .       Parent=Smp_129020.1;Name=96484f6a-d8d3-46df-8cfc-
ca3b1944d8cc
SM_V9_1 iris    exon    32336340        32336551        .       +
       .       Parent=Smp_129020.1;Name=bd8845cf-5669-4648-
b138-2bd7bb3f2baf
SM_V9_1 iris    exon    32347266        32348657        .       +
       .
Parent=Smp_129020.1;Name=29ec7c49-5191-4863-8498-87e6c893bfbc
SM_V9_1 iris    CDS     32334755        32335067        .       +
       0       Parent=Smp_129020.1
SM_V9_1 iris    CDS     32336340        32336551        .       +
       2       Parent=Smp_129020.1
SM_V9_1 iris    CDS     32347266        32348210        .       +
       0       Parent=Smp_129020.1
SM_V9_1 Liftoff gene    32355388        32381923        .       -
       .       ID=Smp_129010;geneID=Smp_129010
SM_V9_1 Liftoff mRNA    32355388        32381923        .       -
       .
ID=Smp_129010.1;Parent=Smp_129010;geneID=Smp_129010;product=Peroxida
sin;polypeptide_domain=InterPro:IPR007110,IPR013151,IPR013783
Pfam:PF00047
SM_V9_1 Liftoff exon    32355388        32355929        .       -
       .       Parent=Smp_129010.1
SM_V9_1 Liftoff exon    32360407        32360851        .       -
       .       Parent=Smp_129010.1
SM_V9_1 Liftoff exon    32367041        32367309        .       -
       .       Parent=Smp_129010.1
SM_V9_1 Liftoff exon    32381377        32381923        .       -
       .       Parent=Smp_129010.1
SM_V9_1 Liftoff CDS     32355757        32355929        .       -
       2       Parent=Smp_129010.1
SM_V9_1 Liftoff CDS     32360407        32360851        .       -
       0       Parent=Smp_129010.1
SM_V9_1 Liftoff CDS     32367041        32367309        .       -
       2       Parent=Smp_129010.1
SM_V9_1 Liftoff CDS     32381377        32381716        .       -
       0       Parent=Smp_129010.1
SM_V9_1 iris    gene    32396807        32411104        .       +
       .
ID=Smp_012810;geneID=Smp_012810;gene_name=Smp_012810;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32396807        32411104        .       +
       .
ID=Smp_012810.1;Parent=Smp_012810;geneID=Smp_012810;gene_name=Smp_01
2810;owner=irisadmin@local.host;orig_id=Smp_012810.1;date_last_modif
ied=2022-08-02;Name=Smp_012810.1;product=Four and a half LIM domains
protein 3;date_creation=2022-07-27
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SM_V9_1 iris    exon    32396807        32397167        .       +
        .
Parent=Smp_012810.1;Name=d32d7e7e-4e03-417b-9759-0bb35bde9b68
SM_V9_1 iris    exon    32407446        32407660        .       +
        .       Parent=Smp_012810.1;Name=238de2ab-7fb2-4282-8500-
c35d6a9f9220
SM_V9_1 iris    exon    32410112        32411104        .       +
        .       Parent=Smp_012810.1;Name=b96d3b3e-5044-44cb-
b3c7-6b2c63432e28
SM_V9_1 iris    CDS     32396967        32397167        .       +
        0       Parent=Smp_012810.1
SM_V9_1 iris    CDS     32407446        32407604        .       +
        0       Parent=Smp_012810.1
SM_V9_1 Liftoff gene    32462824        32463285        .       -
        .       ID=Smp_012800;geneID=Smp_012800
SM_V9_1 Liftoff mRNA    32462824        32463285        .       -
        .
ID=Smp_012800.1;Parent=Smp_012800;geneID=Smp_012800;product=Barrier-
to-autointegration factor;polypeptide_domain=InterPro:IPR004122
Pfam:PF02961;Ontology_term=GO:0003677
SM_V9_1 Liftoff exon    32462824        32463285        .       -
        .       Parent=Smp_012800.1
SM_V9_1 Liftoff CDS     32462954        32463226        .       -
        0       Parent=Smp_012800.1
SM_V9_1 Liftoff gene    32468739        32470404        .       +
        .       ID=Smp_012790;geneID=Smp_012790
SM_V9_1 Liftoff mRNA    32468739        32470404        .       +
        .
ID=Smp_012790.1;Parent=Smp_012790;geneID=Smp_012790;product=Porphobi
linogen deaminase
SM_V9_1 Liftoff exon    32468739        32468886        .       +
        .       Parent=Smp_012790.1
SM_V9_1 Liftoff exon    32468921        32469095        .       +
        .       Parent=Smp_012790.1
SM_V9_1 Liftoff exon    32469139        32469252        .       +
        .       Parent=Smp_012790.1
SM_V9_1 Liftoff exon    32469290        32470404        .       +
        .       Parent=Smp_012790.1
SM_V9_1 Liftoff CDS     32468766        32468886        .       +
        0       Parent=Smp_012790.1
SM_V9_1 Liftoff CDS     32468921        32469095        .       +
        2       Parent=Smp_012790.1
SM_V9_1 Liftoff CDS     32469139        32469252        .       +
        1       Parent=Smp_012790.1
SM_V9_1 Liftoff CDS     32469290        32469326        .       +
        1       Parent=Smp_012790.1
SM_V9_1 iris    gene    32488019        32517845        .       -
        .
ID=Smp_012780;geneID=Smp_012780;gene_name=Smp_012780;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32488019        32517845        .       -
        .
ID=Smp_012780.1;Parent=Smp_012780;geneID=Smp_012780;gene_name=Smp_01
2780;owner=irisadmin@local.host;orig_id=Smp_012780.1;date_last_modif
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ied=2022-08-02;Name=Smp_012780.1;product=Sterile alpha and TIR
motif-containing protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    32488019        32488490        .       -
        .       Parent=Smp_012780.1;Name=159a3ce7-4f4d-49f9-9139-
c2a733a1454c
SM_V9_1 iris    exon    32492483        32492604        .       -
        .       Parent=Smp_012780.1;Name=d5a1f759-9d2e-4a5a-91e6-
b08d8b6d92b6
SM_V9_1 iris    exon    32494596        32494915        .       -
        .
Parent=Smp_012780.1;Name=bb642aad-98b4-4353-806a-0a455cc6f680
SM_V9_1 iris    exon    32495988        32496385        .       -
        .
Parent=Smp_012780.1;Name=50896181-730c-4453-925f-127aba877b25
SM_V9_1 iris    exon    32496448        32496572        .       -
        .       Parent=Smp_012780.1;Name=fb3cfd69-
d4ac-44c2-880f-3b23baef2bd2
SM_V9_1 iris    exon    32498726        32498902        .       -
        .       Parent=Smp_012780.1;Name=f3b14fab-f15a-4e7a-
b845-6e5457396c8b
SM_V9_1 iris    exon    32500247        32500589        .       -
        .       Parent=Smp_012780.1;Name=e2d01c22-3792-488d-
a683-18191fad1f6c
SM_V9_1 iris    exon    32502925        32503195        .       -
        .       Parent=Smp_012780.1;Name=d9be0dcb-93d4-43ea-9431-
bb4396e606d9
SM_V9_1 iris    exon    32504616        32504979        .       -
        .       Parent=Smp_012780.1;Name=9694ebae-0631-4df2-9ac6-
fdedd47da003
SM_V9_1 iris    exon    32506682        32507056        .       -
        .
Parent=Smp_012780.1;Name=1cb353ad-6220-43b3-9304-76c729abc450
SM_V9_1 iris    exon    32510532        32511223        .       -
        .       Parent=Smp_012780.1;Name=78db4ee1-0a0a-4024-9241-
eb338a7a7a76
SM_V9_1 iris    exon    32513540        32513688        .       -
        .       Parent=Smp_012780.1;Name=52ee7eba-9f5c-49be-ac2f-
d3e634ff7c31
SM_V9_1 iris    exon    32513739        32514061        .       -
        .
Parent=Smp_012780.1;Name=5517e12a-1aa7-4744-87f5-957918439711
SM_V9_1 iris    exon    32517701        32517845        .       -
        .       Parent=Smp_012780.1;Name=f40c837c-a86d-4af9-
a7ab-5846d4e0eba2
SM_V9_1 iris    CDS     32488379        32488490        .       -
        1       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32492483        32492604        .       -
        0       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32494596        32494915        .       -
        2       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32495988        32496385        .       -
        1       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32496448        32496572        .       -
        0       Parent=Smp_012780.1
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SM_V9_1 iris    CDS     32498726        32498902        .       -
        0       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32500247        32500589        .       -
        1       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32502925        32503195        .       -
        2       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32504616        32504979        .       -
        0       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32506682        32507056        .       -
        0       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32510532        32511223        .       -
        2       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32513540        32513688        .       -
        1       Parent=Smp_012780.1
SM_V9_1 iris    CDS     32513739        32513896        .       -
        0       Parent=Smp_012780.1
SM_V9_1 Liftoff gene    32589875        32614845        .       -
        .       ID=Smp_129000;geneID=Smp_129000
SM_V9_1 Liftoff mRNA    32589875        32614845        .       -
        .
ID=Smp_129000.1;Parent=Smp_129000;geneID=Smp_129000;product=Ephrin-4
;polypeptide_domain=InterPro:IPR001799,IPR008972
Pfam:PF00812;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    32589875        32590759        .       -
        .       Parent=Smp_129000.1
SM_V9_1 Liftoff exon    32593756        32593836        .       -
        .       Parent=Smp_129000.1
SM_V9_1 Liftoff exon    32596203        32596377        .       -
        .       Parent=Smp_129000.1
SM_V9_1 Liftoff exon    32598199        32598295        .       -
        .       Parent=Smp_129000.1
SM_V9_1 Liftoff exon    32614461        32614845        .       -
        .       Parent=Smp_129000.1
SM_V9_1 Liftoff CDS     32590014        32590759        .       -
        2       Parent=Smp_129000.1
SM_V9_1 Liftoff CDS     32593756        32593836        .       -
        2       Parent=Smp_129000.1
SM_V9_1 Liftoff CDS     32596203        32596377        .       -
        0       Parent=Smp_129000.1
SM_V9_1 Liftoff CDS     32598199        32598295        .       -
        1       Parent=Smp_129000.1
SM_V9_1 Liftoff CDS     32614461        32614564        .       -
        0       Parent=Smp_129000.1
SM_V9_1 iris    gene    32690356        32711805        .       -
        .
ID=Smp_012750;geneID=Smp_012750;gene_name=Smp_012750;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32690356        32711805        .       -
        .
ID=Smp_012750.2;Parent=Smp_012750;geneID=Smp_012750;gene_name=Smp_01
2750;owner=irisadmin@local.host;orig_id=Smp_012750.1;date_last_modif
ied=2022-11-03;Name=Smp_012750.2;date_creation=2022-11-03
SM_V9_1 iris    exon    32690356        32690556        .       -
        .       Parent=Smp_012750.2;Name=ffb0cc2c-19b5-4252-
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a483-070f22c8ad3e
SM_V9_1 iris    exon    32711212        32711689        .       -
        .
Parent=Smp_012750.2;Name=475e34e2-3e34-4a2f-8f64-298b77b1d035
SM_V9_1 iris    exon    32711724        32711805        .       -
        .
Parent=Smp_012750.2;Name=5b241aa7-1ec1-46fc-8535-2e780043feea
SM_V9_1 iris    CDS     32711229        32711689        .       -
        2       Parent=Smp_012750.2
SM_V9_1 iris    CDS     32711724        32711760        .       -
        0       Parent=Smp_012750.2
SM_V9_1 iris    mRNA    32711203        32711805        .       -
        .
ID=Smp_012750.1;Parent=Smp_012750;geneID=Smp_012750;gene_name=Smp_01
2750;owner=irisadmin@local.host;orig_id=Smp_012750.1;date_last_modif
ied=2022-11-03;Name=Smp_012750.1;product=60S ribosomal protein
L12;date_creation=2022-07-27
SM_V9_1 iris    exon    32711203        32711689        .       -
        .       Parent=Smp_012750.1;Name=Smp_012750.1-CDS
SM_V9_1 iris    exon    32711724        32711805        .       -
        .       Parent=Smp_012750.1;Name=94b2f9ef-3c4b-4adc-
ae66-60aa3676c6ff
SM_V9_1 iris    CDS     32711229        32711689        .       -
        2       Parent=Smp_012750.1
SM_V9_1 iris    CDS     32711724        32711760        .       -
        0       Parent=Smp_012750.1
SM_V9_1 iris    gene    32719599        32724628        .       +
        .
ID=Smp_012740;geneID=Smp_012740;gene_name=Smp_012740;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32719599        32724628        .       +
        .
ID=Smp_012740.1;Parent=Smp_012740;geneID=Smp_012740;gene_name=Smp_01
2740;owner=irisadmin@local.host;orig_id=Smp_012740.1;date_last_modif
ied=2022-08-02;Name=Smp_012740.1;product=Ankyrin repeat and MYND
domain-containing protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    32719599        32719639        .       +
        .
Parent=Smp_012740.1;Name=1518d32f-9a9e-424d-836f-8d7c51f1078e
SM_V9_1 iris    exon    32720960        32721105        .       +
        .
Parent=Smp_012740.1;Name=2bf2cfdf-7d07-4dcc-9182-3581b9a7a301
SM_V9_1 iris    exon    32721138        32721202        .       +
        .       Parent=Smp_012740.1;Name=ce16b6ba-73a6-43fa-8e88-
b9f3aea107cf
SM_V9_1 iris    exon    32721240        32721378        .       +
        .
Parent=Smp_012740.1;Name=fb3bdc37-3ae4-4560-8ed7-01b367676407
SM_V9_1 iris    exon    32721409        32721507        .       +
        .
Parent=Smp_012740.1;Name=6d564776-5137-4ca6-8084-9907a04265dd
SM_V9_1 iris    exon    32721543        32721685        .       +
        .       Parent=Smp_012740.1;Name=d595bb0a-
dc17-4b6f-9a09-00581dee55a8
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SM_V9_1 iris    exon    32723271        32723583        .       +
        .
Parent=Smp_012740.1;Name=5ee64c04-98a6-4efc-96a4-361b8dbddd86
SM_V9_1 iris    exon    32723625        32723948        .       +
        .
Parent=Smp_012740.1;Name=5f8eb2a2-39da-4112-8566-6c05866472b1
SM_V9_1 iris    exon    32724479        32724628        .       +
        .       Parent=Smp_012740.1;Name=37b037df-329a-4d58-
a87a-2a84029bd3cd
SM_V9_1 iris    CDS     32721039        32721105        .       +
        0       Parent=Smp_012740.1
SM_V9_1 iris    CDS     32721138        32721202        .       +
        2       Parent=Smp_012740.1
SM_V9_1 iris    CDS     32721240        32721378        .       +
        0       Parent=Smp_012740.1
SM_V9_1 iris    CDS     32721409        32721507        .       +
        2       Parent=Smp_012740.1
SM_V9_1 iris    CDS     32721543        32721685        .       +
        2       Parent=Smp_012740.1
SM_V9_1 iris    CDS     32723271        32723583        .       +
        0       Parent=Smp_012740.1
SM_V9_1 iris    CDS     32723625        32723948        .       +
        2       Parent=Smp_012740.1
SM_V9_1 iris    CDS     32724479        32724510        .       +
        2       Parent=Smp_012740.1
SM_V9_1 iris    gene    32724529        32741945        .       -
        .
ID=Smp_128990;geneID=Smp_128990;gene_name=Smp_128990;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    32724529        32741945        .       -
        .
ID=Smp_128990.1;Parent=Smp_128990;geneID=Smp_128990;gene_name=Smp_12
8990;owner=irisadmin@local.host;orig_id=Smp_128990.1;date_last_modif
ied=2022-08-02;Name=Smp_128990.1;product=Biorientation of
chromosomes in cell division protein 1;date_creation=2022-08-02
SM_V9_1 iris    exon    32724529        32724873        .       -
        .
Parent=Smp_128990.1;Name=d30c983e-57b5-48d3-887e-99eeda438ac0
SM_V9_1 iris    exon    32725633        32725825        .       -
        .       Parent=Smp_128990.1;Name=c4810d41-13f3-495e-9f22-
b6f4a1a452a2
SM_V9_1 iris    exon    32725917        32726139        .       -
        .       Parent=Smp_128990.1;Name=8b55b947-75e5-4fd5-
ad76-080cb8a479f9
SM_V9_1 iris    exon    32728281        32728450        .       -
        .       Parent=Smp_128990.1;Name=cab03cb0-051c-4805-bbb6-
ef595d2ff604
SM_V9_1 iris    exon    32729729        32730421        .       -
        .       Parent=Smp_128990.1;Name=aff8b60f-8731-4629-af18-
bf6674b729ce
SM_V9_1 iris    exon    32733451        32733517        .       -
        .       Parent=Smp_128990.1;Name=0b06c68f-df1a-41ea-
a6e4-04f257a42bc6
SM_V9_1 iris    exon    32741045        32741945        .       -
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        .       Parent=Smp_128990.1;Name=1f787826-4f2d-4894-
b83b-6ae71bca89d5
SM_V9_1 iris    CDS     32724849        32724873        .       -
        1       Parent=Smp_128990.1
SM_V9_1 iris    CDS     32725633        32725825        .       -
        2       Parent=Smp_128990.1
SM_V9_1 iris    CDS     32725917        32726139        .       -
        0       Parent=Smp_128990.1
SM_V9_1 iris    CDS     32728281        32728450        .       -
        2       Parent=Smp_128990.1
SM_V9_1 iris    CDS     32729729        32730421        .       -
        2       Parent=Smp_128990.1
SM_V9_1 iris    CDS     32733451        32733517        .       -
        0       Parent=Smp_128990.1
SM_V9_1 iris    CDS     32741045        32741821        .       -
        0       Parent=Smp_128990.1
SM_V9_1 Liftoff gene    32750099        32781266        .       +
        .       ID=Smp_012720;geneID=Smp_012720
SM_V9_1 Liftoff mRNA    32750099        32781266        .       +
        .
ID=Smp_012720.1;Parent=Smp_012720;geneID=Smp_012720;product=Coronin-
1B;polypeptide_domain=InterPro:IPR001680,IPR015048,IPR017986,IPR0197
75 Pfam:PF00400,PF08953,PF16300;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    32750099        32757208        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff exon    32760855        32761113        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff exon    32764489        32764664        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff exon    32767110        32767226        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff exon    32768417        32768521        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff exon    32773026        32773334        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff exon    32777225        32777491        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff exon    32779546        32781266        .       +
        .       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32757026        32757208        .       +
        0       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32760855        32761113        .       +
        0       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32764489        32764664        .       +
        2       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32767110        32767226        .       +
        0       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32768417        32768521        .       +
        0       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32773026        32773334        .       +
        0       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32777225        32777491        .       +
        0       Parent=Smp_012720.1
SM_V9_1 Liftoff CDS     32779546        32779734        .       +
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        0       Parent=Smp_012720.1
SM_V9_1 iris    gene    32785815        32797012        .       -
        .
ID=Smp_342400;geneID=Smp_342400;gene_name=Smp_342400;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32785815        32797012        .       -
        .
ID=Smp_342400.1;Parent=Smp_342400;geneID=Smp_342400;gene_name=Smp_34
2400;owner=irisadmin@local.host;orig_id=Smp_342400.2;date_last_modif
ied=2022-08-02;Name=Smp_342400.1;product=Aminomethyltransferase,
mitochondrial;date_creation=2022-07-27
SM_V9_1 iris    exon    32785815        32787140        .       -
        .
Parent=Smp_342400.1;Name=02415653-589f-4a13-95ab-1842d13a2414
SM_V9_1 iris    exon    32788490        32788621        .       -
        .       Parent=Smp_342400.1;Name=3475fcbd-cbdc-481b-bbf5-
aa6b28e8a5aa
SM_V9_1 iris    exon    32792190        32792543        .       -
        .       Parent=Smp_342400.1;Name=8821d532-1fc0-4249-a403-
a287790924c0
SM_V9_1 iris    exon    32796176        32796254        .       -
        .       Parent=Smp_342400.1;Name=a50936d5-c942-45f6-815a-
e2267e4a1c6c
SM_V9_1 iris    exon    32796291        32796503        .       -
        .       Parent=Smp_342400.1;Name=c91ab740-3d3e-4508-8260-
d0ee32865db8
SM_V9_1 iris    exon    32796537        32797012        .       -
        .       Parent=Smp_342400.1;Name=11c99f04-
c10d-42ee-8630-8d2a364efaa3
SM_V9_1 iris    CDS     32786920        32787140        .       -
        2       Parent=Smp_342400.1
SM_V9_1 iris    CDS     32788490        32788621        .       -
        2       Parent=Smp_342400.1
SM_V9_1 iris    CDS     32792190        32792543        .       -
        2       Parent=Smp_342400.1
SM_V9_1 iris    CDS     32796176        32796254        .       -
        0       Parent=Smp_342400.1
SM_V9_1 iris    CDS     32796291        32796503        .       -
        0       Parent=Smp_342400.1
SM_V9_1 iris    CDS     32796537        32796767        .       -
        0       Parent=Smp_342400.1
SM_V9_1 Liftoff gene    32814469        32821235        .       +
        .
ID=Smp_313730;geneID=Smp_313730;previous_systematic_id=Smp_128970
SM_V9_1 Liftoff mRNA    32814469        32821235        .       +
        .
ID=Smp_313730.1;Parent=Smp_313730;geneID=Smp_313730;product=Inhibito
r of growth protein
4;polypeptide_domain=InterPro:IPR001965,IPR011011,IPR013083,IPR01978
6,IPR019787,IPR024610 Pfam:PF12998
SM_V9_1 Liftoff exon    32814469        32814843        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff exon    32814876        32814947        .       +
        .       Parent=Smp_313730.1
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SM_V9_1 Liftoff exon    32814982        32815088        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff exon    32815123        32815188        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff exon    32815222        32815318        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff exon    32815352        32815402        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff exon    32815436        32815735        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff exon    32819434        32819491        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff exon    32820380        32821235        .       +
        .       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32814816        32814843        .       +
        0       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32814876        32814947        .       +
        2       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32814982        32815088        .       +
        2       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32815123        32815188        .       +
        0       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32815222        32815318        .       +
        0       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32815352        32815402        .       +
        2       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32815436        32815735        .       +
        2       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32819434        32819491        .       +
        2       Parent=Smp_313730.1
SM_V9_1 Liftoff CDS     32820380        32821115        .       +
        1       Parent=Smp_313730.1
SM_V9_1 iris    gene    32826682        32833333        .       +
        .
ID=Smp_313750;geneID=Smp_313750;gene_name=Smp_313750;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32826682        32833333        .       +
        .
ID=Smp_313750.1;Parent=Smp_313750;geneID=Smp_313750;gene_name=Smp_31
3750;owner=irisadmin@local.host;orig_id=Smp_313750.1;date_last_modif
ied=2022-08-02;Name=Smp_313750.1;product=Inhibitor of growth protein
3;date_creation=2022-07-27
SM_V9_1 iris    exon    32826682        32827016        .       +
        .       Parent=Smp_313750.1;Name=facc7e28-93d3-464b-
b7a3-7b1f3d917992
SM_V9_1 iris    exon    32827049        32827120        .       +
        .       Parent=Smp_313750.1;Name=6c5fd8bb-
f5ba-4ba2-9f1a-50a255438c04
SM_V9_1 iris    exon    32827155        32827261        .       +
        .       Parent=Smp_313750.1;Name=7a55a729-
e30a-4eb3-9c95-0aad1e418cfc
SM_V9_1 iris    exon    32827296        32827361        .       +
        .       Parent=Smp_313750.1;Name=6ca86e57-6d71-486c-
afb6-7832d667d589
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SM_V9_1 iris    exon    32827395        32827491        .       +
        .       Parent=Smp_313750.1;Name=96f4651d-92fe-4960-82a6-
cc00a656a2cc
SM_V9_1 iris    exon    32827525        32827575        .       +
        .       Parent=Smp_313750.1;Name=6bb93386-4fa0-4e74-881b-
d148d8fbf530
SM_V9_1 iris    exon    32827609        32827908        .       +
        .
Parent=Smp_313750.1;Name=6577d2d6-7d27-4c4c-8271-0eca4cb4119a
SM_V9_1 iris    exon    32831607        32831664        .       +
        .       Parent=Smp_313750.1;Name=a3be7e04-26c8-47a7-8b3b-
a054ddcaca79
SM_V9_1 iris    exon    32832553        32833333        .       +
        .       Parent=Smp_313750.1;Name=bbeeee48-af82-4fe8-
b038-62c62a297525
SM_V9_1 iris    CDS     32826989        32827016        .       +
        0       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32827049        32827120        .       +
        2       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32827155        32827261        .       +
        2       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32827296        32827361        .       +
        0       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32827395        32827491        .       +
        0       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32827525        32827575        .       +
        2       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32827609        32827908        .       +
        2       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32831607        32831664        .       +
        2       Parent=Smp_313750.1
SM_V9_1 iris    CDS     32832553        32833288        .       +
        1       Parent=Smp_313750.1
SM_V9_1 iris    gene    32833337        32842512        .       -
        .
ID=Smp_012690;geneID=Smp_012690;gene_name=Smp_012690;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32833337        32842512        .       -
        .
ID=Smp_012690.1;Parent=Smp_012690;geneID=Smp_012690;gene_name=Smp_01
2690;owner=irisadmin@local.host;orig_id=Smp_012690.1;date_last_modif
ied=2022-08-02;Name=Smp_012690.1;product=Zinc finger protein
133;date_creation=2022-07-27
SM_V9_1 iris    exon    32833337        32833647        .       -
        .
Parent=Smp_012690.1;Name=32dac3fd-5034-44f2-96e2-7b9e31af8a22
SM_V9_1 iris    exon    32835847        32835933        .       -
        .
Parent=Smp_012690.1;Name=5a16de2e-59d3-4863-9a83-023135f8a8a5
SM_V9_1 iris    exon    32836007        32836090        .       -
        .
Parent=Smp_012690.1;Name=6775decf-792e-47f9-8aa3-6e2e045ce35f
SM_V9_1 iris    exon    32836277        32836363        .       -
        .       Parent=Smp_012690.1;Name=9b5d001d-2707-44d5-
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b4a9-3dcac8627b9d
SM_V9_1 iris    exon    32836447        32836539        .       -
        .       Parent=Smp_012690.1;Name=1d61842d-ce26-49d9-
b2e6-6c83f2809477
SM_V9_1 iris    exon    32837609        32837695        .       -
        .       Parent=Smp_012690.1;Name=b6924845-a8e4-4c9c-b3cd-
e2421140842c
SM_V9_1 iris    exon    32838375        32838461        .       -
        .       Parent=Smp_012690.1;Name=064eb1ec-8444-417d-
b9f9-5c7e03695f1b
SM_V9_1 iris    exon    32840387        32840449        .       -
        .       Parent=Smp_012690.1;Name=664d390f-4511-45cb-
add1-3bd880bb3f52
SM_V9_1 iris    exon    32842455        32842512        .       -
        .       Parent=Smp_012690.1;Name=4b826559-3e6d-46af-
bdcb-9e9db32c0a8f
SM_V9_1 iris    CDS     32833604        32833647        .       -
        2       Parent=Smp_012690.1
SM_V9_1 iris    CDS     32835847        32835933        .       -
        2       Parent=Smp_012690.1
SM_V9_1 iris    CDS     32836007        32836090        .       -
        2       Parent=Smp_012690.1
SM_V9_1 iris    CDS     32836277        32836363        .       -
        2       Parent=Smp_012690.1
SM_V9_1 iris    CDS     32836447        32836539        .       -
        2       Parent=Smp_012690.1
SM_V9_1 iris    CDS     32837609        32837695        .       -
        2       Parent=Smp_012690.1
SM_V9_1 iris    CDS     32838375        32838461        .       -
        2       Parent=Smp_012690.1
SM_V9_1 iris    CDS     32840387        32840393        .       -
        0       Parent=Smp_012690.1
SM_V9_1 iris    gene    32848979        32852734        .       +
        .
ID=Smp_012670;geneID=Smp_012670;gene_name=Smp_012670;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32848979        32852734        .       +
        .
ID=Smp_012670.1;Parent=Smp_012670;geneID=Smp_012670;gene_name=Smp_01
2670;owner=irisadmin@local.host;orig_id=Smp_012670.1;date_last_modif
ied=2022-08-02;Name=Smp_012670.1;product=Intraflagellar transport
protein 43 homolog;date_creation=2022-07-27
SM_V9_1 iris    exon    32848979        32849036        .       +
        .       Parent=Smp_012670.1;Name=41550050-e16b-437d-94e7-
c0ce63147698
SM_V9_1 iris    exon    32849075        32849170        .       +
        .       Parent=Smp_012670.1;Name=7fb8378c-2bd5-4ab1-80fe-
d30c0546922a
SM_V9_1 iris    exon    32849201        32849274        .       +
        .       Parent=Smp_012670.1;Name=ea9a7107-8f13-4f3d-9cab-
d9856ab87685
SM_V9_1 iris    exon    32849372        32849418        .       +
        .       Parent=Smp_012670.1;Name=f6594c19-f8bb-4f64-a9c6-
e67801840402
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SM_V9_1 iris    exon    32849471        32849488        .       +
        .       Parent=Smp_012670.1;Name=687ea282-4690-492e-
a183-8ec46d257700
SM_V9_1 iris    exon    32849523        32849595        .       +
        .       Parent=Smp_012670.1;Name=8c68523d-260d-4c62-a9f7-
f7b9c7e52585
SM_V9_1 iris    exon    32852299        32852374        .       +
        .       Parent=Smp_012670.1;Name=7587c5aa-f26e-4668-
b803-47d41bf98bd3
SM_V9_1 iris    exon    32852449        32852511        .       +
        .
Parent=Smp_012670.1;Name=80040acb-772c-4ccf-8c49-26639cf3fa70
SM_V9_1 iris    exon    32852563        32852734        .       +
        .       Parent=Smp_012670.1;Name=24f15d2e-7737-4836-
bf9d-892ef9b92731
SM_V9_1 iris    CDS     32848986        32849036        .       +
        0       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32849075        32849170        .       +
        0       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32849201        32849274        .       +
        0       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32849372        32849418        .       +
        1       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32849471        32849488        .       +
        2       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32849523        32849595        .       +
        2       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32852299        32852374        .       +
        1       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32852449        32852511        .       +
        0       Parent=Smp_012670.1
SM_V9_1 iris    CDS     32852563        32852619        .       +
        0       Parent=Smp_012670.1
SM_V9_1 iris    gene    32853213        32871417        .       -
        .
ID=Smp_246380;geneID=Smp_246380;gene_name=Smp_246380;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32853213        32871417        .       -
        .
ID=Smp_246380.1;Parent=Smp_246380;geneID=Smp_246380;gene_name=Smp_24
6380;owner=irisadmin@local.host;orig_id=Smp_246380.1;date_last_modif
ied=2022-08-02;Name=Smp_246380.1;product=C-type lectin lectoxin-
Lei1;date_creation=2022-07-27
SM_V9_1 iris    exon    32853213        32853608        .       -
        .
Parent=Smp_246380.1;Name=addb22cb-8c98-470f-9c86-68a37e6a3f3b
SM_V9_1 iris    exon    32855202        32855447        .       -
        .
Parent=Smp_246380.1;Name=0b25ead6-5bef-4073-90d1-9269deeccade
SM_V9_1 iris    exon    32857757        32858038        .       -
        .
Parent=Smp_246380.1;Name=dae60556-22db-479d-906d-009be2ab7f88
SM_V9_1 iris    exon    32864495        32864731        .       -
        .       Parent=Smp_246380.1;Name=49eb7749-2de4-44fe-992b-
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ad1399b5587d
SM_V9_1 iris    exon    32867914        32868201        .       -
        .
Parent=Smp_246380.1;Name=bea2aaf3-7e9a-41d0-9838-9f3589eecb20
SM_V9_1 iris    exon    32869203        32869409        .       -
        .       Parent=Smp_246380.1;Name=9a7a532f-f25c-46e2-9eaf-
c1e0fd85eadd
SM_V9_1 iris    exon    32870472        32870738        .       -
        .       Parent=Smp_246380.1;Name=f7885330-210b-49bb-
aa05-458fd6d9cf90
SM_V9_1 iris    exon    32871286        32871417        .       -
        .       Parent=Smp_246380.1;Name=449068e1-9734-4a2c-
a3f3-9f6749c8885e
SM_V9_1 iris    CDS     32853373        32853608        .       -
        2       Parent=Smp_246380.1
SM_V9_1 iris    CDS     32855202        32855447        .       -
        2       Parent=Smp_246380.1
SM_V9_1 iris    CDS     32857757        32858038        .       -
        2       Parent=Smp_246380.1
SM_V9_1 iris    CDS     32864495        32864731        .       -
        2       Parent=Smp_246380.1
SM_V9_1 iris    CDS     32867914        32868201        .       -
        2       Parent=Smp_246380.1
SM_V9_1 iris    CDS     32869203        32869409        .       -
        2       Parent=Smp_246380.1
SM_V9_1 iris    CDS     32870472        32870738        .       -
        2       Parent=Smp_246380.1
SM_V9_1 iris    CDS     32871286        32871316        .       -
        0       Parent=Smp_246380.1
SM_V9_1 iris    gene    32878420        32897110        .       -
        .
ID=Smp_128960;geneID=Smp_128960;gene_name=Smp_128960;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32878420        32897110        .       -
        .
ID=Smp_128960.1;Parent=Smp_128960;geneID=Smp_128960;gene_name=Smp_12
8960;owner=irisadmin@local.host;orig_id=Smp_128960.2;date_last_modif
ied=2022-08-25;Name=Smp_128960.1;product=Transcription initiation
factor TFIID subunit 2;date_creation=2022-07-27
SM_V9_1 iris    exon    32878420        32878568        .       -
        .       Parent=Smp_128960.1;Name=0dbcd88a-
bcae-4128-9d69-85e3a285230d
SM_V9_1 iris    exon    32879329        32881069        .       -
        .       Parent=Smp_128960.1;Name=dd58db50-a338-41b4-
b6c2-2fe609251565
SM_V9_1 iris    exon    32882872        32883330        .       -
        .       Parent=Smp_128960.1;Name=3d426aa4-1c9a-4e55-b3cc-
ccdd7d130264
SM_V9_1 iris    exon    32888590        32889968        .       -
        .       Parent=Smp_128960.1;Name=e8b986e9-
e245-4013-91d3-6fd59eb17bfc
SM_V9_1 iris    exon    32897067        32897110        .       -
        .       Parent=Smp_128960.1;Name=384eb737-fe13-4947-9c08-
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SM_V9_1 iris    CDS     32879336        32881069        .       -
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SM_V9_1 iris    CDS     32882872        32883330        .       -
        0       Parent=Smp_128960.1
SM_V9_1 iris    CDS     32888590        32889968        .       -
        2       Parent=Smp_128960.1
SM_V9_1 iris    CDS     32897067        32897070        .       -
        0       Parent=Smp_128960.1
SM_V9_1 Liftoff gene    32904657        32922161        .       +
        .       ID=Smp_329670;geneID=Smp_329670
SM_V9_1 Liftoff mRNA    32904657        32922161        .       +
        .
ID=Smp_329670.1;Parent=Smp_329670;geneID=Smp_329670;product=Cell
cycle arrest protein BUB3
SM_V9_1 Liftoff exon    32904657        32904745        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff exon    32904785        32904838        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff exon    32904869        32904919        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff exon    32904957        32905043        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff exon    32905075        32905252        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff exon    32914126        32914270        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff exon    32918221        32918463        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff exon    32921833        32922161        .       +
        .       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32904739        32904745        .       +
        0       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32904785        32904838        .       +
        2       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32904869        32904919        .       +
        2       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32904957        32905043        .       +
        2       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32905075        32905252        .       +
        2       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32914126        32914270        .       +
        1       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32918221        32918463        .       +
        0       Parent=Smp_329670.1
SM_V9_1 Liftoff CDS     32921833        32921907        .       +
        0       Parent=Smp_329670.1
SM_V9_1 iris    gene    32922308        32956663        .       -
        .
ID=Smp_128950;geneID=Smp_128950;gene_name=Smp_128950;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    32922308        32956663        .       -
        .
ID=Smp_128950.1;Parent=Smp_128950;geneID=Smp_128950;gene_name=Smp_12
8950;owner=irisadmin@local.host;orig_id=Smp_128950.1;date_last_modif
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ied=2022-08-02;Name=Smp_128950.1;product=Tankyrase-1;date_creation=2
022-07-27
SM_V9_1 iris    exon    32922308        32923529        .       -
        .
Parent=Smp_128950.1;Name=fc9d56d9-59b7-40d8-9b4c-3e2cc7b663ef
SM_V9_1 iris    exon    32926201        32926491        .       -
        .
Parent=Smp_128950.1;Name=ce1d688e-6ff0-4089-93da-6433d2349a6e
SM_V9_1 iris    exon    32927179        32927541        .       -
        .       Parent=Smp_128950.1;Name=13c5f2ab-f97a-4c6c-a073-
a422ce2fb107
SM_V9_1 iris    exon    32933445        32933863        .       -
        .       Parent=Smp_128950.1;Name=0e9cad92-f109-4e59-8df6-
a3a6a9a3d3c7
SM_V9_1 iris    exon    32937951        32938203        .       -
        .       Parent=Smp_128950.1;Name=828be7e5-a29f-420b-89db-
f4514fc0fc5d
SM_V9_1 iris    exon    32938914        32939093        .       -
        .       Parent=Smp_128950.1;Name=e41660a2-5eda-4180-af83-
e5439e972530
SM_V9_1 iris    exon    32940101        32940280        .       -
        .       Parent=Smp_128950.1;Name=711339a5-a9bd-4408-9346-
d23d6ac83772
SM_V9_1 iris    exon    32941351        32941907        .       -
        .
Parent=Smp_128950.1;Name=9df5961c-19a4-42d5-8f8e-89b710fda42f
SM_V9_1 iris    exon    32943975        32944880        .       -
        .       Parent=Smp_128950.1;Name=c33a0d78-a00a-4dc7-b274-
fc119d5a8de3
SM_V9_1 iris    exon    32946534        32946868        .       -
        .       Parent=Smp_128950.1;Name=c6a6a947-
d47b-437b-90ec-9db72da8d216
SM_V9_1 iris    exon    32948688        32948920        .       -
        .       Parent=Smp_128950.1;Name=6717d245-33ab-41ee-
a226-1563d3f8d8f5
SM_V9_1 iris    exon    32949552        32949715        .       -
        .
Parent=Smp_128950.1;Name=29824b21-7bd4-47f4-9f78-643e446932b0
SM_V9_1 iris    exon    32954351        32954693        .       -
        .       Parent=Smp_128950.1;Name=ddaf9880-2fb7-4f51-
bb08-1714c982a925
SM_V9_1 iris    exon    32956621        32956663        .       -
        .       Parent=Smp_128950.1;Name=682ba043-4d20-4e58-
a249-00c0394c6ba6
SM_V9_1 iris    CDS     32922876        32923529        .       -
        0       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32926201        32926491        .       -
        0       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32927179        32927541        .       -
        0       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32933445        32933863        .       -
        2       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32937951        32938203        .       -
        0       Parent=Smp_128950.1
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SM_V9_1 iris    CDS     32938914        32939093        .       -
        0       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32940101        32940280        .       -
        0       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32941351        32941907        .       -
        2       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32943975        32944880        .       -
        2       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32946534        32946868        .       -
        1       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32948688        32948920        .       -
        0       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32949552        32949715        .       -
        2       Parent=Smp_128950.1
SM_V9_1 iris    CDS     32954351        32954684        .       -
        0       Parent=Smp_128950.1
SM_V9_1 Liftoff gene    32942317        32942781        .       +
        .       ID=Smp_313820;geneID=Smp_313820
SM_V9_1 Liftoff mRNA    32942317        32942781        .       +
        .
ID=Smp_313820.1;Parent=Smp_313820;geneID=Smp_313820;product=Peptidyl
-prolyl cis-trans isomerase CYP21-2
SM_V9_1 Liftoff exon    32942317        32942781        .       +
        .       Parent=Smp_313820.1
SM_V9_1 Liftoff CDS     32942374        32942742        .       +
        0       Parent=Smp_313820.1
SM_V9_1 Liftoff gene    32964877        32993272        .       +
        .       ID=Smp_128940;geneID=Smp_128940
SM_V9_1 Liftoff mRNA    32964877        32993272        .       +
        .
ID=Smp_128940.1;Parent=Smp_128940;geneID=Smp_128940;product=metabotr
opic glutamate receptor;evidence=Traceable Author
Statement;literature=PMID:21163308
PMID:22145649;polypeptide_domain=InterPro:IPR000337,IPR001828,IPR011
500,IPR017978,IPR028082
Pfam:PF00003,PF01094,PF07562;Ontology_term=GO:0004930,GO:0007186,GO:
0016021
SM_V9_1 Liftoff exon    32964877        32965180        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32966731        32966868        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32968037        32968195        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32969382        32969494        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32973624        32973823        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32975095        32975341        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32977093        32977244        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32980605        32980766        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32983030        32983158        .       +
```

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        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32984940        32985568        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32987985        32988542        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32989619        32989718        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32991259        32991552        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff exon    32992654        32993272        .       +
        .       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32964947        32965180        .       +
        0       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32966731        32966868        .       +
        0       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32968037        32968195        .       +
        0       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32969382        32969494        .       +
        0       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32973624        32973823        .       +
        1       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32975095        32975341        .       +
        2       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32977093        32977244        .       +
        1       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32980605        32980766        .       +
        2       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32983030        32983158        .       +
        2       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32984940        32985568        .       +
        2       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32987985        32988542        .       +
        0       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32989619        32989718        .       +
        0       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32991259        32991552        .       +
        2       Parent=Smp_128940.1
SM_V9_1 Liftoff CDS     32992654        32992823        .       +
        2       Parent=Smp_128940.1
SM_V9_1 Liftoff gene    32995658        33056283        .       -
        .
ID=Smp_128920;geneID=Smp_128920;previous_systematic_id=Smp_128930
SM_V9_1 Liftoff mRNA    32995658        33056283        .       -
        .
ID=Smp_128920.1;Parent=Smp_128920;geneID=Smp_128920;product=Spectrin
beta
chain;polypeptide_domain=InterPro:IPR001589,IPR001605,IPR001715,IPR0
01849,IPR002017,IPR011993,IPR018159
Pfam:PF00307,PF00435,PF15410;Ontology_term=GO:0005515,GO:0005543
SM_V9_1 Liftoff exon    32995658        32997119        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    32999047        32999666        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33000944        33001418        .       -
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        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33003321        33003712        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33008331        33008642        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33010395        33010709        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33013746        33013988        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33016859        33017206        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33018991        33019181        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33020869        33021007        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33024244        33024390        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33030000        33030090        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33036253        33036425        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33037307        33037384        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33043428        33043658        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33047698        33048351        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33050499        33053084        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33053143        33053294        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff exon    33053330        33056283        .       -
        .       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     32996432        32997119        .       -
        1       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     32999047        32999666        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33000944        33001418        .       -
        1       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33003321        33003712        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33008331        33008642        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33010395        33010709        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33013746        33013988        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33016859        33017206        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33018991        33019181        .       -
        2       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33020869        33021007        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33024244        33024390        .       -
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        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33030000        33030090        .       -
        1       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33036253        33036425        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33037307        33037384        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33043428        33043658        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33047698        33048351        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33050499        33053084        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33053143        33053294        .       -
        2       Parent=Smp_128920.1
SM_V9_1 Liftoff CDS     33053330        33053483        .       -
        0       Parent=Smp_128920.1
SM_V9_1 Liftoff gene    33065487        33068651        .       -
        .       ID=Smp_128910;geneID=Smp_128910
SM_V9_1 Liftoff mRNA    33065487        33068651        .       -
        .
ID=Smp_128910.1;Parent=Smp_128910;geneID=Smp_128910;product=NH(3)-
dependent NAD(+) synthetase
SM_V9_1 Liftoff exon    33065487        33065544        .       -
        .       Parent=Smp_128910.1
SM_V9_1 Liftoff exon    33065955        33066007        .       -
        .       Parent=Smp_128910.1
SM_V9_1 Liftoff exon    33068439        33068651        .       -
        .       Parent=Smp_128910.1
SM_V9_1 Liftoff CDS     33065487        33065544        .       -
        1       Parent=Smp_128910.1
SM_V9_1 Liftoff CDS     33065955        33066007        .       -
        0       Parent=Smp_128910.1
SM_V9_1 Liftoff CDS     33068439        33068651        .       -
        0       Parent=Smp_128910.1
SM_V9_1 iris    gene    33070507        33126685        .       +
        .
ID=Smp_012580;geneID=Smp_012580;gene_name=Smp_012580;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33070507        33126685        .       +
        .
ID=Smp_012580.2;Parent=Smp_012580;geneID=Smp_012580;gene_name=Smp_01
2580;owner=irisadmin@local.host;orig_id=Smp_012580.3;date_last_modif
ied=2022-08-02;Name=Smp_012580.2;product=DNA mismatch repair protein
HSM3;date_creation=2022-07-27
SM_V9_1 iris    exon    33070507        33070618        .       +
        .       Parent=Smp_012580.2;Name=3c6c7b55-f680-4490-
b1d1-4e2bb0e0b35f
SM_V9_1 iris    exon    33073347        33073630        .       +
        .       Parent=Smp_012580.2;Name=aecf10ff-18e6-435f-
b134-79717e764d1e
SM_V9_1 iris    exon    33078547        33078572        .       +
        .
Parent=Smp_012580.2;Name=e7650425-74c3-416a-9fb8-0cffb38bf332
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SM_V9_1 iris    exon    33087309        33087441        .       +
        .
Parent=Smp_012580.2;Name=ceb77558-94ce-429c-9a79-839624fd5532
SM_V9_1 iris    exon    33094798        33094936        .       +
        .
Parent=Smp_012580.2;Name=f070b895-4ff5-4fdf-94ca-55289409ce79
SM_V9_1 iris    exon    33098243        33098369        .       +
        .       Parent=Smp_012580.2;Name=51a3bdff-3bfc-4218-86b4-
dcc4d50cf774
SM_V9_1 iris    exon    33101482        33101951        .       +
        .       Parent=Smp_012580.2;Name=fce6c645-4ddd-49b1-
a17c-3983860e7492
SM_V9_1 iris    exon    33103640        33103815        .       +
        .       Parent=Smp_012580.2;Name=691ee1c5-ef18-44c9-bdab-
ebdcc70ab07c
SM_V9_1 iris    exon    33105832        33105984        .       +
        .
Parent=Smp_012580.2;Name=dfdc54a4-086e-439c-993c-0c0563b183cc
SM_V9_1 iris    exon    33106821        33107022        .       +
        .       Parent=Smp_012580.2;Name=2e64414f-c458-4efd-
a642-6ce901624ba6
SM_V9_1 iris    exon    33112797        33112892        .       +
        .       Parent=Smp_012580.2;Name=ae289773-b2b9-45ff-997f-
ed6c439b07b8
SM_V9_1 iris    exon    33113818        33113993        .       +
        .       Parent=Smp_012580.2;Name=5e6a9e05-6629-4c4d-8c5f-
f23558aef8e4
SM_V9_1 iris    exon    33116081        33116413        .       +
        .       Parent=Smp_012580.2;Name=59b77c30-7dea-4250-9e88-
ab73655e7051
SM_V9_1 iris    exon    33120342        33120421        .       +
        .       Parent=Smp_012580.2;Name=3973f2c8-486b-4f75-
bd7f-57dce4f94eec
SM_V9_1 iris    exon    33123509        33123613        .       +
        .       Parent=Smp_012580.2;Name=b34b998e-1385-4efb-87f0-
f27f527b8c82
SM_V9_1 iris    exon    33125986        33126685        .       +
        .
Parent=Smp_012580.2;Name=e6d9b6a4-6bc9-4f51-9f74-4414e2e20f4d
SM_V9_1 iris    CDS     33073365        33073630        .       +
        0       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33078547        33078572        .       +
        1       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33087309        33087441        .       +
        2       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33094798        33094936        .       +
        1       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33098243        33098369        .       +
        0       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33101482        33101951        .       +
        2       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33103640        33103815        .       +
        0       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33105832        33105984        .       +
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        1       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33106821        33107022        .       +
        1       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33112797        33112892        .       +
        0       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33113818        33113993        .       +
        0       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33116081        33116413        .       +
        1       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33120342        33120421        .       +
        1       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33123509        33123613        .       +
        2       Parent=Smp_012580.2
SM_V9_1 iris    CDS     33125986        33126218        .       +
        2       Parent=Smp_012580.2
SM_V9_1 iris    mRNA    33094147        33126685        .       +
        .
ID=Smp_012580.1;Parent=Smp_012580;geneID=Smp_012580;gene_name=Smp_01
2580;owner=irisadmin@local.host;orig_id=Smp_012580.1;date_last_modif
ied=2022-08-02;Name=Smp_012580.1;product=Rho guanine nucleotide
exchange factor 16;date_creation=2022-07-27
SM_V9_1 iris    exon    33094147        33094936        .       +
        .       Parent=Smp_012580.1;Name=a7e1a687-39bd-468d-
b1b2-0e11735e3cb4
SM_V9_1 iris    exon    33098243        33098369        .       +
        .       Parent=Smp_012580.1;Name=e1915044-92e6-4091-
a18a-7a6104f0d0e5
SM_V9_1 iris    exon    33101482        33101951        .       +
        .       Parent=Smp_012580.1;Name=b934eb1b-d7ec-4740-9ee7-
fec3f072591e
SM_V9_1 iris    exon    33103640        33103815        .       +
        .       Parent=Smp_012580.1;Name=0f835783-cf19-461f-bae6-
c9e9c5bf29a6
SM_V9_1 iris    exon    33105832        33105984        .       +
        .       Parent=Smp_012580.1;Name=773b17c5-fc62-44f3-
a2fa-7437d9b43302
SM_V9_1 iris    exon    33106821        33107022        .       +
        .       Parent=Smp_012580.1;Name=7e2985cc-
ac0a-4c98-8f3d-187951c73287
SM_V9_1 iris    exon    33112797        33112892        .       +
        .       Parent=Smp_012580.1;Name=5793701d-ac25-42fe-
a27e-1cdba83f1ae5
SM_V9_1 iris    exon    33113818        33113993        .       +
        .       Parent=Smp_012580.1;Name=4ab5bfd6-bb5f-4d63-8503-
cdfb1a6de9da
SM_V9_1 iris    exon    33116081        33116413        .       +
        .
Parent=Smp_012580.1;Name=ce2262c8-7d42-45fb-97d3-0bcc8a9b2d8d
SM_V9_1 iris    exon    33120342        33120421        .       +
        .       Parent=Smp_012580.1;Name=a6a753f6-0c32-4ce0-9f7d-
c8a9f01dd5ad
SM_V9_1 iris    exon    33123509        33123613        .       +
        .
Parent=Smp_012580.1;Name=1138fb8b-4b34-444f-9752-81cbc9c54e66
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SM_V9_1 iris    exon    33125986        33126685        .       +
        .       Parent=Smp_012580.1;Name=566584bf-d0ac-44f8-b58e-
f7ce4b0ebc29
SM_V9_1 iris    CDS     33094421        33094936        .       +
        0       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33098243        33098369        .       +
        0       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33101482        33101951        .       +
        2       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33103640        33103815        .       +
        0       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33105832        33105984        .       +
        1       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33106821        33107022        .       +
        1       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33112797        33112892        .       +
        0       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33113818        33113993        .       +
        0       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33116081        33116413        .       +
        1       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33120342        33120421        .       +
        1       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33123509        33123613        .       +
        2       Parent=Smp_012580.1
SM_V9_1 iris    CDS     33125986        33126218        .       +
        2       Parent=Smp_012580.1
SM_V9_1 Liftoff gene    33128581        33143213        .       -
        .       ID=Smp_012570;geneID=Smp_012570
SM_V9_1 Liftoff mRNA    33128581        33143213        .       -
        .
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like protein 1;polypeptide_domain=InterPro:IPR009539
Pfam:PF06638;Ontology_term=GO:0007275,GO:0016021
SM_V9_1 Liftoff exon    33128581        33129796        .       -
        .       Parent=Smp_012570.1
SM_V9_1 Liftoff exon    33132045        33132441        .       -
        .       Parent=Smp_012570.1
SM_V9_1 Liftoff exon    33133733        33143213        .       -
        .       Parent=Smp_012570.1
SM_V9_1 Liftoff CDS     33129225        33129796        .       -
        2       Parent=Smp_012570.1
SM_V9_1 Liftoff CDS     33132045        33132441        .       -
        0       Parent=Smp_012570.1
SM_V9_1 Liftoff CDS     33133733        33135184        .       -
        0       Parent=Smp_012570.1
SM_V9_1 Liftoff gene    33161567        33192819        .       +
        .       ID=Smp_128890;geneID=Smp_128890
SM_V9_1 Liftoff mRNA    33161567        33192819        .       +
        .
ID=Smp_128890.1;Parent=Smp_128890;geneID=Smp_128890;product=Helicase
domino;polypeptide_domain=InterPro:IPR000330,IPR001650,IPR014001,IPR
014012,IPR027417
Pfam:PF00176,PF00271,PF07529;Ontology_term=GO:0005524
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SM_V9_1 Liftoff exon    33161567        33162338        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33163491        33163769        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33163939        33164079        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33164975        33165238        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33166187        33166417        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33167050        33167559        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33168608        33168970        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33169058        33169168        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33170347        33170542        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33172613        33172805        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33173520        33173944        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33175789        33175893        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33178136        33178195        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33178637        33179153        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33180262        33180560        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33183547        33183871        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33185574        33185772        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33186685        33186999        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33187981        33188304        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33189017        33189427        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33189984        33190664        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33191122        33191407        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff exon    33192180        33192819        .       +
        .       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33161910        33162338        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33163491        33163769        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33163939        33164079        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33164975        33165238        .       +
        0       Parent=Smp_128890.1
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SM_V9_1 Liftoff CDS     33166187        33166417        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33167050        33167559        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33168608        33168970        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33169058        33169168        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33170347        33170542        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33172613        33172805        .       +
        2       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33173520        33173944        .       +
        1       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33175789        33175893        .       +
        2       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33178136        33178195        .       +
        2       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33178637        33179153        .       +
        2       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33180262        33180560        .       +
        1       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33183547        33183871        .       +
        2       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33185574        33185772        .       +
        1       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33186685        33186999        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33187981        33188304        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33189017        33189427        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33189984        33190664        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33191122        33191407        .       +
        0       Parent=Smp_128890.1
SM_V9_1 Liftoff CDS     33192180        33192790        .       +
        2       Parent=Smp_128890.1
SM_V9_1 Liftoff gene    33192822        33198267        .       -
        .       ID=Smp_012540;geneID=Smp_012540
SM_V9_1 Liftoff mRNA    33192822        33198267        .       -
        .
ID=Smp_012540.1;Parent=Smp_012540;geneID=Smp_012540;product=rRNA-
processing protein UTP23
homolog;polypeptide_domain=InterPro:IPR006984,IPR029060
Pfam:PF04900;Ontology_term=GO:0032040
SM_V9_1 Liftoff exon    33192822        33193299        .       -
        .       Parent=Smp_012540.1
SM_V9_1 Liftoff exon    33197590        33198267        .       -
        .       Parent=Smp_012540.1
SM_V9_1 Liftoff CDS     33193069        33193299        .       -
        0       Parent=Smp_012540.1
SM_V9_1 Liftoff CDS     33197590        33198147        .       -
        0       Parent=Smp_012540.1
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SM_V9_1 Liftoff gene    33208697        33211852        .       +
        .       ID=Smp_012530;geneID=Smp_012530
SM_V9_1 Liftoff mRNA    33208697        33211852        .       +
        .
ID=Smp_012530.1;Parent=Smp_012530;geneID=Smp_012530;product=Transcri
ption elongation factor
SPT4;polypeptide_domain=InterPro:IPR009287,IPR013088,IPR022800,IPR02
9040
Pfam:PF06093;Ontology_term=GO:0005634,GO:0006355,GO:0008270,GO:00327
86
SM_V9_1 Liftoff exon    33208697        33211852        .       +
        .       Parent=Smp_012530.1
SM_V9_1 Liftoff CDS     33211288        33211641        .       +
        0       Parent=Smp_012530.1
SM_V9_1 Liftoff gene    33216915        33236403        .       -
        .       ID=Smp_128870;geneID=Smp_128870
SM_V9_1 Liftoff mRNA    33216915        33236403        .       -
        .
ID=Smp_128870.1;Parent=Smp_128870;geneID=Smp_128870;product=Nibrin;p
olypeptide_domain=InterPro:IPR001357,IPR032429 Pfam:PF00533,PF16508
SM_V9_1 Liftoff exon    33216915        33217197        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33218748        33218932        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33219835        33219945        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33226667        33227043        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33228016        33228178        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33229572        33229695        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33230941        33231085        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33235149        33235473        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33235514        33235639        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33235673        33235774        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33235811        33235970        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33236000        33236124        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33236169        33236305        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff exon    33236339        33236403        .       -
        .       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33217143        33217197        .       -
        1       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33218748        33218932        .       -
        0       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33219835        33219945        .       -
        0       Parent=Smp_128870.1
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SM_V9_1 Liftoff CDS     33226667        33227043        .       -
        2       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33228016        33228178        .       -
        0       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33229572        33229695        .       -
        1       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33230941        33231085        .       -
        2       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33235149        33235473        .       -
        0       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33235514        33235639        .       -
        0       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33235673        33235774        .       -
        0       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33235811        33235970        .       -
        1       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33236000        33236124        .       -
        0       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33236169        33236305        .       -
        2       Parent=Smp_128870.1
SM_V9_1 Liftoff CDS     33236339        33236369        .       -
        0       Parent=Smp_128870.1
SM_V9_1 Liftoff gene    33247797        33265588        .       +
        .       ID=Smp_128860;geneID=Smp_128860
SM_V9_1 Liftoff mRNA    33247797        33265588        .       +
        .
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oxidase homolog
2B;polypeptide_domain=InterPro:IPR001190,IPR001695,IPR017448
Pfam:PF00530,PF01186;Ontology_term=GO:0005044,GO:0005507,GO:0016020,
GO:0016641,GO:0055114
SM_V9_1 Liftoff exon    33247797        33248209        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33251214        33251419        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33254379        33254567        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33255260        33255419        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33257321        33257461        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33260353        33260473        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33261631        33261800        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33264031        33264125        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff exon    33265351        33265588        .       +
        .       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33247900        33248209        .       +
        0       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33251214        33251419        .       +
        2       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33254379        33254567        .       +
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        0       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33255260        33255419        .       +
        0       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33257321        33257461        .       +
        2       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33260353        33260473        .       +
        2       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33261631        33261800        .       +
        1       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33264031        33264125        .       +
        2       Parent=Smp_128860.1
SM_V9_1 Liftoff CDS     33265351        33265485        .       +
        0       Parent=Smp_128860.1
SM_V9_1 iris    gene    33267881        33284353        .       -
        .
ID=Smp_012480;geneID=Smp_012480;gene_name=Smp_012480;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33267881        33284353        .       -
        .
ID=Smp_012480.1;Parent=Smp_012480;geneID=Smp_012480;gene_name=Smp_01
2480;owner=irisadmin@local.host;orig_id=Smp_012480.1;date_last_modif
ied=2022-08-02;Name=Smp_012480.1;product=Exonuclease
1;date_creation=2022-07-27
SM_V9_1 iris    exon    33267881        33268260        .       -
        .       Parent=Smp_012480.1;Name=a66db080-0785-4d5f-8749-
d43a16f44397
SM_V9_1 iris    exon    33269310        33269646        .       -
        .       Parent=Smp_012480.1;Name=70297e91-8429-4c0c-9b24-
d482bfdc5ed8
SM_V9_1 iris    exon    33269745        33270132        .       -
        .       Parent=Smp_012480.1;Name=32a86d08-38cd-406d-a969-
acb47654e184
SM_V9_1 iris    exon    33270226        33270525        .       -
        .       Parent=Smp_012480.1;Name=bf985259-6205-47a7-810b-
fa3d7462ee34
SM_V9_1 iris    exon    33272008        33272143        .       -
        .       Parent=Smp_012480.1;Name=09677341-
a60c-4294-81f8-3faa4d75e91c
SM_V9_1 iris    exon    33272814        33272913        .       -
        .       Parent=Smp_012480.1;Name=3b88ede2-6a5f-45e2-b009-
b84a7558adbf
SM_V9_1 iris    exon    33275019        33275386        .       -
        .       Parent=Smp_012480.1;Name=b54fd655-a9a2-4022-8077-
ff9febd8c5bb
SM_V9_1 iris    exon    33277655        33277837        .       -
        .       Parent=Smp_012480.1;Name=4081f061-8705-4319-
abf2-5b9a71d4a727
SM_V9_1 iris    exon    33280433        33280570        .       -
        .       Parent=Smp_012480.1;Name=85c14114-6e10-4272-
b52e-92e600d424a6
SM_V9_1 iris    exon    33283763        33283886        .       -
        .       Parent=Smp_012480.1;Name=d715b9f3-7edf-4cde-bd69-
cf53505518b3
SM_V9_1 iris    exon    33283918        33284037        .       -
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        .       Parent=Smp_012480.1;Name=75a6db8a-
f913-44fd-8394-949c24116288
SM_V9_1 iris    exon    33284072        33284353        .       -
        .
Parent=Smp_012480.1;Name=2ad2076a-45e0-49d6-9aa1-406413dfa1ac
SM_V9_1 iris    CDS     33268129        33268260        .       -
        0       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33269310        33269646        .       -
        1       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33269745        33270132        .       -
        2       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33270226        33270525        .       -
        2       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33272008        33272143        .       -
        0       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33272814        33272913        .       -
        1       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33275019        33275386        .       -
        0       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33277655        33277837        .       -
        0       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33280433        33280570        .       -
        0       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33283763        33283886        .       -
        1       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33283918        33284037        .       -
        1       Parent=Smp_012480.1
SM_V9_1 iris    CDS     33284072        33284232        .       -
        0       Parent=Smp_012480.1
SM_V9_1 iris    gene    33301057        33307555        .       +
        .
ID=Smp_012470;geneID=Smp_012470;gene_name=Smp_012470;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33301057        33307555        .       +
        .
ID=Smp_012470.1;Parent=Smp_012470;geneID=Smp_012470;gene_name=Smp_01
2470;owner=irisadmin@local.host;orig_id=Smp_012470.1;date_last_modif
ied=2022-08-02;Name=Smp_012470.1;product=26S proteasome subunit
ATPase 2;date_creation=2022-07-27
SM_V9_1 iris    exon    33301057        33301175        .       +
        .       Parent=Smp_012470.1;Name=3bab7b7e-e228-4c11-
b57d-222cdb8338ce
SM_V9_1 iris    exon    33301211        33301248        .       +
        .
Parent=Smp_012470.1;Name=9f3d8651-621c-420b-8e21-34d859018f09
SM_V9_1 iris    exon    33301281        33301362        .       +
        .
Parent=Smp_012470.1;Name=097dc99a-6ce1-45be-9aa6-68e81afcc337
SM_V9_1 iris    exon    33301395        33301469        .       +
        .       Parent=Smp_012470.1;Name=77d6f940-f148-4249-96ca-
ded4a0499962
SM_V9_1 iris    exon    33301502        33301827        .       +
        .       Parent=Smp_012470.1;Name=9c3a1617-bfe1-44d0-b9a6-
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SM_V9_1 iris    exon    33305021        33305377        .       +
        .       Parent=Smp_012470.1;Name=07a9c7f5-5c03-49fa-
a242-62e006260b2d
SM_V9_1 iris    exon    33306573        33306768        .       +
        .       Parent=Smp_012470.1;Name=a2c0ef39-
ce1e-453e-93d3-3190aaaa54d0
SM_V9_1 iris    exon    33307340        33307555        .       +
        .       Parent=Smp_012470.1;Name=f8fce3e2-d7e1-449d-bda9-
d95ef9b09395
SM_V9_1 iris    CDS     33301106        33301175        .       +
        0       Parent=Smp_012470.1
SM_V9_1 iris    CDS     33301211        33301248        .       +
        2       Parent=Smp_012470.1
SM_V9_1 iris    CDS     33301281        33301362        .       +
        0       Parent=Smp_012470.1
SM_V9_1 iris    CDS     33301395        33301469        .       +
        2       Parent=Smp_012470.1
SM_V9_1 iris    CDS     33301502        33301827        .       +
        2       Parent=Smp_012470.1
SM_V9_1 iris    CDS     33305021        33305377        .       +
        0       Parent=Smp_012470.1
SM_V9_1 iris    CDS     33306573        33306768        .       +
        0       Parent=Smp_012470.1
SM_V9_1 iris    CDS     33307340        33307497        .       +
        2       Parent=Smp_012470.1
SM_V9_1 iris    gene    33312576        33315617        .       -
        .
ID=Smp_350480;geneID=Smp_350480;gene_name=Smp_350480;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33312576        33315617        .       -
        .
ID=Smp_350480.1;Parent=Smp_350480;geneID=Smp_350480;gene_name=Smp_35
0480;owner=irisadmin@local.host;orig_id=Smp_329760.2;date_last_modif
ied=2022-11-12;Name=Smp_350480.1;date_creation=2022-07-27
SM_V9_1 iris    exon    33312576        33314728        .       -
        .       Parent=Smp_350480.1;Name=db3943de-f77c-48ed-9e74-
b90bd3f0b24d
SM_V9_1 iris    exon    33315361        33315617        .       -
        .       Parent=Smp_350480.1;Name=688f6f68-9b31-4baf-9aff-
d7f01bddcfe3
SM_V9_1 iris    CDS     33312803        33314728        .       -
        0       Parent=Smp_350480.1
SM_V9_1 iris    CDS     33315361        33315612        .       -
        0       Parent=Smp_350480.1
SM_V9_1 iris    gene    33315973        33339897        .       -
        .
ID=Smp_329760;geneID=Smp_329760;gene_name=Smp_329760;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_1 iris    mRNA    33315973        33339897        .       -
        .
ID=Smp_329760.1;Parent=Smp_329760;geneID=Smp_329760;gene_name=Smp_32
9760;owner=irisadmin@local.host;orig_id=Smp_329760.2;date_last_modif
ied=2022-11-12;Name=Smp_329760.1;product=Protein asteroid homolog
1;date_creation=2022-11-12
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SM_V9_1 iris    exon    33315973        33316418        .       -
        .       Parent=Smp_329760.1;Name=Smp_329760.1-CDS
SM_V9_1 iris    exon    33320835        33321111        .       -
        .       Parent=Smp_329760.1;Name=c03dd52b-99ad-40b7-aa3b-
ec16702754c5
SM_V9_1 iris    exon    33326085        33326338        .       -
        .       Parent=Smp_329760.1;Name=56d680af-42d2-4baa-9e08-
c30335b27bee
SM_V9_1 iris    exon    33339659        33339897        .       -
        .       Parent=Smp_329760.1;Name=77eb68a0-1b72-4b19-99a1-
d9f9ca2ac5d0
SM_V9_1 iris    CDS     33316173        33316418        .       -
        0       Parent=Smp_329760.1
SM_V9_1 iris    CDS     33320835        33321111        .       -
        1       Parent=Smp_329760.1
SM_V9_1 iris    CDS     33326085        33326338        .       -
        0       Parent=Smp_329760.1
SM_V9_1 iris    CDS     33339659        33339895        .       -
        0       Parent=Smp_329760.1
SM_V9_1 iris    gene    33364940        33390733        .       +
        .
ID=Smp_194160;geneID=Smp_194160;gene_name=Smp_194160;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33364940        33390733        .       +
        .
ID=Smp_194160.1;Parent=Smp_194160;geneID=Smp_194160;gene_name=Smp_19
4160;owner=irisadmin@local.host;orig_id=Smp_194160.1;date_last_modif
ied=2022-08-02;Name=Smp_194160.1;product=Leucine--tRNA ligase,
cytoplasmic;date_creation=2022-07-27
SM_V9_1 iris    exon    33364940        33365090        .       +
        .       Parent=Smp_194160.1;Name=29015c29-6a0e-4fa8-
b2a3-4cc03dd6effa
SM_V9_1 iris    exon    33365123        33365210        .       +
        .       Parent=Smp_194160.1;Name=067a27bb-d984-473f-af1a-
bbba6dfa8b5c
SM_V9_1 iris    exon    33365242        33365421        .       +
        .
Parent=Smp_194160.1;Name=9e7a0d97-49ea-432c-84b7-291c74e7cada
SM_V9_1 iris    exon    33365463        33365651        .       +
        .       Parent=Smp_194160.1;Name=b2e28872-9696-47c7-
ae4c-4b9ba6539fa6
SM_V9_1 iris    exon    33367098        33367274        .       +
        .       Parent=Smp_194160.1;Name=c9180a2f-eaee-4c5d-a7e5-
d3c30ea363c7
SM_V9_1 iris    exon    33367309        33367376        .       +
        .       Parent=Smp_194160.1;Name=0e6f88f6-6059-40c4-8622-
bf0dabad64f5
SM_V9_1 iris    exon    33368230        33368410        .       +
        .       Parent=Smp_194160.1;Name=834e579c-
b69b-4ae3-889e-310d29531723
SM_V9_1 iris    exon    33370330        33370557        .       +
        .       Parent=Smp_194160.1;Name=ddc94972-ea42-4063-
b689-153b611cf762
SM_V9_1 iris    exon    33372838        33372891        .       +
```

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        .       Parent=Smp_194160.1;Name=0288f598-
f92d-4116-84a1-2dc36cb82e20
SM_V9_1 iris    exon    33372942        33373082        .       +
        .       Parent=Smp_194160.1;Name=787f6ba2-992a-4bd8-b489-
bf27ac8be505
SM_V9_1 iris    exon    33373142        33373219        .       +
        .       Parent=Smp_194160.1;Name=62b1984e-e042-4861-
be58-5c08dadf6e98
SM_V9_1 iris    exon    33375142        33375303        .       +
        .       Parent=Smp_194160.1;Name=c8d8fead-abc8-454d-
a470-834feb00d3f6
SM_V9_1 iris    exon    33378374        33378582        .       +
        .       Parent=Smp_194160.1;Name=53dafd21-e77a-4ead-b0f1-
d4bfa144a8ea
SM_V9_1 iris    exon    33380391        33380682        .       +
        .
Parent=Smp_194160.1;Name=351da9c7-377a-4360-8800-27b2aac146b6
SM_V9_1 iris    exon    33381188        33381251        .       +
        .       Parent=Smp_194160.1;Name=d5780c98-27b2-43fc-b245-
af9613250aac
SM_V9_1 iris    exon    33382018        33382225        .       +
        .       Parent=Smp_194160.1;Name=97bf248d-f793-41a6-
a4a5-495bf663301b
SM_V9_1 iris    exon    33382579        33382669        .       +
        .       Parent=Smp_194160.1;Name=a2b85a95-c305-4074-
a7a2-513115819fc4
SM_V9_1 iris    exon    33383390        33383603        .       +
        .       Parent=Smp_194160.1;Name=f7251fa6-b6bb-4494-8fa1-
c2fb3f02869e
SM_V9_1 iris    exon    33384390        33384556        .       +
        .       Parent=Smp_194160.1;Name=2678052e-763b-40cd-
b292-7b7f5b41f131
SM_V9_1 iris    exon    33384744        33385022        .       +
        .       Parent=Smp_194160.1;Name=adf1b1fd-412d-41c9-
ac26-802a026c34e7
SM_V9_1 iris    exon    33388620        33388848        .       +
        .
Parent=Smp_194160.1;Name=3b74ed39-71a1-464b-96dc-6cbaaca4d0b4
SM_V9_1 iris    exon    33390494        33390733        .       +
        .       Parent=Smp_194160.1;Name=520e8bb3-6e56-42d4-9c85-
cefb34267fd5
SM_V9_1 iris    CDS     33364972        33365090        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33365123        33365210        .       +
        1       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33365242        33365421        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33365463        33365651        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33367098        33367274        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33367309        33367376        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33368230        33368410        .       +
```

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        1       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33370330        33370557        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33372838        33372891        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33372942        33373082        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33373142        33373219        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33375142        33375303        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33378374        33378582        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33380391        33380682        .       +
        1       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33381188        33381251        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33382018        33382225        .       +
        2       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33382579        33382669        .       +
        1       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33383390        33383603        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33384390        33384556        .       +
        2       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33384744        33385022        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33388620        33388848        .       +
        0       Parent=Smp_194160.1
SM_V9_1 iris    CDS     33390494        33390699        .       +
        2       Parent=Smp_194160.1
SM_V9_1 iris    gene    33409480        33425306        .       +
        .
ID=Smp_120920;geneID=Smp_120920;gene_name=Smp_120920;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33409480        33425306        .       +
        .
ID=Smp_120920.1;Parent=Smp_120920;geneID=Smp_120920;gene_name=Smp_12
0920;owner=irisadmin@local.host;orig_id=Smp_120920.2;date_last_modif
ied=2022-08-02;Name=Smp_120920.1;product=TBCC domain-containing
protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    33409480        33409632        .       +
        .
Parent=Smp_120920.1;Name=a12446aa-4e06-4341-9c62-9faf61c74b83
SM_V9_1 iris    exon    33409676        33409734        .       +
        .       Parent=Smp_120920.1;Name=34b98f81-bbeb-48e3-
ac16-03bc5c27b994
SM_V9_1 iris    exon    33409780        33409842        .       +
        .       Parent=Smp_120920.1;Name=02c78a2b-b797-40bf-a2d8-
cc9736985e09
SM_V9_1 iris    exon    33409876        33409973        .       +
        .       Parent=Smp_120920.1;Name=353305ca-44b3-404f-8d46-
c760f59a26f3
SM_V9_1 iris    exon    33410009        33410120        .       +
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        .       Parent=Smp_120920.1;Name=bdd9b810-
f2fc-439e-918e-048ee73ad537
SM_V9_1 iris    exon    33410157        33410226        .       +
        .       Parent=Smp_120920.1;Name=f3cf6e7d-db41-4a5b-bfa9-
f3ef24e6a2f8
SM_V9_1 iris    exon    33410259        33410334        .       +
        .
Parent=Smp_120920.1;Name=2b0c8d2e-590e-4637-8760-1d2486db5db6
SM_V9_1 iris    exon    33411292        33411385        .       +
        .       Parent=Smp_120920.1;Name=5e9807aa-f21d-4e6d-bc07-
a036144ef559
SM_V9_1 iris    exon    33411428        33411494        .       +
        .       Parent=Smp_120920.1;Name=e744e3c0-75d1-4768-b049-
a2264ef0c970
SM_V9_1 iris    exon    33411974        33412221        .       +
        .       Parent=Smp_120920.1;Name=cf17d1ff-24af-47af-
b830-3566b74ae90d
SM_V9_1 iris    exon    33412567        33412615        .       +
        .       Parent=Smp_120920.1;Name=4427c513-ffb6-4b9f-acb3-
ac0cd6cecebc
SM_V9_1 iris    exon    33413477        33413556        .       +
        .       Parent=Smp_120920.1;Name=f8f22baa-2db4-4879-826c-
b49536e2b256
SM_V9_1 iris    exon    33416723        33417138        .       +
        .       Parent=Smp_120920.1;Name=eef99a24-e5f6-4dd9-adf0-
cb80b3776001
SM_V9_1 iris    exon    33422261        33422649        .       +
        .
Parent=Smp_120920.1;Name=ed81066e-3450-4ff7-8fda-8eb67bae781f
SM_V9_1 iris    exon    33423937        33425306        .       +
        .       Parent=Smp_120920.1;Name=4b4280db-727d-40f1-
a832-5e951e11b999
SM_V9_1 iris    CDS     33409531        33409632        .       +
        0       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33409676        33409734        .       +
        0       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33409780        33409842        .       +
        1       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33409876        33409973        .       +
        1       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33410009        33410120        .       +
        2       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33410157        33410226        .       +
        1       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33410259        33410334        .       +
        0       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33411292        33411385        .       +
        2       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33411428        33411494        .       +
        1       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33411974        33412221        .       +
        0       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33412567        33412615        .       +
        1       Parent=Smp_120920.1
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SM_V9_1 iris    CDS     33413477        33413556        .       +
        0       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33416723        33417138        .       +
        1       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33422261        33422649        .       +
        2       Parent=Smp_120920.1
SM_V9_1 iris    CDS     33423937        33424293        .       +
        0       Parent=Smp_120920.1
SM_V9_1 Liftoff gene    33435126        33450291        .       +
        .       ID=Smp_059980;geneID=Smp_059980
SM_V9_1 Liftoff mRNA    33435126        33450291        .       +
        .
ID=Smp_059980.1;Parent=Smp_059980;geneID=Smp_059980;product=arginase
;evidence=Traceable Author
Statement;literature=PMID:16051070;polypeptide_domain=InterPro:IPR00
6035,IPR014033,IPR020855
Pfam:PF00491;Ontology_term=GO:0004053,GO:0006525,GO:0016813,GO:00468
72
SM_V9_1 Liftoff exon    33435126        33435212        .       +
        .       Parent=Smp_059980.1
SM_V9_1 Liftoff exon    33436800        33436958        .       +
        .       Parent=Smp_059980.1
SM_V9_1 Liftoff exon    33438058        33438472        .       +
        .       Parent=Smp_059980.1
SM_V9_1 Liftoff exon    33443321        33443377        .       +
        .       Parent=Smp_059980.1
SM_V9_1 Liftoff exon    33447031        33447135        .       +
        .       Parent=Smp_059980.1
SM_V9_1 Liftoff exon    33448210        33448346        .       +
        .       Parent=Smp_059980.1
SM_V9_1 Liftoff exon    33449930        33450291        .       +
        .       Parent=Smp_059980.1
SM_V9_1 Liftoff CDS     33435194        33435212        .       +
        0       Parent=Smp_059980.1
SM_V9_1 Liftoff CDS     33436800        33436958        .       +
        2       Parent=Smp_059980.1
SM_V9_1 Liftoff CDS     33438058        33438472        .       +
        2       Parent=Smp_059980.1
SM_V9_1 Liftoff CDS     33443321        33443377        .       +
        1       Parent=Smp_059980.1
SM_V9_1 Liftoff CDS     33447031        33447135        .       +
        1       Parent=Smp_059980.1
SM_V9_1 Liftoff CDS     33448210        33448346        .       +
        1       Parent=Smp_059980.1
SM_V9_1 Liftoff CDS     33449930        33450132        .       +
        2       Parent=Smp_059980.1
SM_V9_1 iris    gene    33453450        33480850        .       +
        .
ID=Smp_154410;geneID=Smp_154410;gene_name=Smp_154410;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33453450        33480850        .       +
        .
ID=Smp_154410.1;Parent=Smp_154410;geneID=Smp_154410;gene_name=Smp_15
4410;owner=irisadmin@local.host;orig_id=Smp_154410.3;date_last_modif
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ied=2022-08-02;Name=Smp_154410.1;product=alpha 1,3
fucosyltransferase C;date_creation=2022-07-27
SM_V9_1 iris    exon    33453450        33456439        .       +
        .
Parent=Smp_154410.1;Name=05bc2df9-08ea-4271-8e6e-5d8100bde409
SM_V9_1 iris    exon    33471725        33471982        .       +
        .       Parent=Smp_154410.1;Name=8d4f40a8-081c-4b21-
ac50-19325206dfd1
SM_V9_1 iris    exon    33473798        33474019        .       +
        .       Parent=Smp_154410.1;Name=4737d1da-49eb-4e86-82a6-
d9c47e0d4dfd
SM_V9_1 iris    exon    33477210        33477364        .       +
        .
Parent=Smp_154410.1;Name=83ce644a-5f7c-4a76-9775-246627a82f08
SM_V9_1 iris    exon    33480196        33480850        .       +
        .       Parent=Smp_154410.1;Name=11f305f9-936f-49cd-
add2-70a25fb10c0c
SM_V9_1 iris    CDS     33456008        33456439        .       +
        0       Parent=Smp_154410.1
SM_V9_1 iris    CDS     33471725        33471982        .       +
        0       Parent=Smp_154410.1
SM_V9_1 iris    CDS     33473798        33474019        .       +
        0       Parent=Smp_154410.1
SM_V9_1 iris    CDS     33477210        33477364        .       +
        0       Parent=Smp_154410.1
SM_V9_1 iris    CDS     33480196        33480520        .       +
        1       Parent=Smp_154410.1
SM_V9_1 iris    gene    33493340        33514834        .       +
        .
ID=Smp_060010;geneID=Smp_060010;gene_name=Smp_060010;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33493340        33514834        .       +
        .
ID=Smp_060010.1;Parent=Smp_060010;geneID=Smp_060010;gene_name=Smp_06
0010;owner=irisadmin@local.host;orig_id=Smp_060010.1;date_last_modif
ied=2022-08-02;Name=Smp_060010.1;product=NSFL1 cofactor
p47;date_creation=2022-07-27
SM_V9_1 iris    exon    33493340        33493387        .       +
        .       Parent=Smp_060010.1;Name=9ab9aa0a-ccef-41cd-a9bd-
c5c7586ae451
SM_V9_1 iris    exon    33493506        33493601        .       +
        .       Parent=Smp_060010.1;Name=bef82175-c375-43b1-
aebe-3e09b8802e59
SM_V9_1 iris    exon    33493640        33493818        .       +
        .
Parent=Smp_060010.1;Name=b445ac25-565d-4c19-993d-4b5961579936
SM_V9_1 iris    exon    33496236        33496493        .       +
        .       Parent=Smp_060010.1;Name=67e7265c-f6a9-4362-
b38a-9b9d1aa08e96
SM_V9_1 iris    exon    33500985        33501186        .       +
        .       Parent=Smp_060010.1;Name=8cd841f2-600e-43b9-9016-
f94e2c381624
SM_V9_1 iris    exon    33503263        33503519        .       +
        .       Parent=Smp_060010.1;Name=302f47ee-f81f-42fb-ae57-
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ef7dd04a075a
SM_V9_1 iris    exon    33505461        33505520        .       +
        .       Parent=Smp_060010.1;Name=1b56def3-f30c-4b1b-bbc1-
a9a80ad43dc4
SM_V9_1 iris    exon    33514237        33514834        .       +
        .
Parent=Smp_060010.1;Name=d5a66826-30c9-4221-9c75-0603afa30f3a
SM_V9_1 iris    CDS     33493506        33493601        .       +
        0       Parent=Smp_060010.1
SM_V9_1 iris    CDS     33493640        33493818        .       +
        0       Parent=Smp_060010.1
SM_V9_1 iris    CDS     33496236        33496493        .       +
        1       Parent=Smp_060010.1
SM_V9_1 iris    CDS     33500985        33501186        .       +
        1       Parent=Smp_060010.1
SM_V9_1 iris    CDS     33503263        33503519        .       +
        0       Parent=Smp_060010.1
SM_V9_1 iris    CDS     33505461        33505520        .       +
        1       Parent=Smp_060010.1
SM_V9_1 iris    CDS     33514237        33514369        .       +
        1       Parent=Smp_060010.1
SM_V9_1 Liftoff gene    33551124        33577096        .       -
        .       ID=Smp_060030;geneID=Smp_060030
SM_V9_1 Liftoff mRNA    33551124        33577096        .       -
        .
ID=Smp_060030.1;Parent=Smp_060030;geneID=Smp_060030;product=Somatome
din-B and thrombospondin type-1 domain-containing
protein;polypeptide_domain=InterPro:IPR000884,IPR001212
Pfam:PF00090,PF01033;Ontology_term=GO:0005044,GO:0006955,GO:0030247
SM_V9_1 Liftoff exon    33551124        33553078        .       -
        .       Parent=Smp_060030.1
SM_V9_1 Liftoff exon    33555558        33555699        .       -
        .       Parent=Smp_060030.1
SM_V9_1 Liftoff exon    33560191        33560415        .       -
        .       Parent=Smp_060030.1
SM_V9_1 Liftoff exon    33576473        33577096        .       -
        .       Parent=Smp_060030.1
SM_V9_1 Liftoff CDS     33552592        33553078        .       -
        1       Parent=Smp_060030.1
SM_V9_1 Liftoff CDS     33555558        33555699        .       -
        2       Parent=Smp_060030.1
SM_V9_1 Liftoff CDS     33560191        33560415        .       -
        2       Parent=Smp_060030.1
SM_V9_1 Liftoff CDS     33576473        33576815        .       -
        0       Parent=Smp_060030.1
SM_V9_1 Liftoff gene    33607680        33608793        .       +
        .       ID=Smp_329920;geneID=Smp_329920
SM_V9_1 Liftoff mRNA    33607680        33608793        .       +
        .
ID=Smp_329920.1;Parent=Smp_329920;geneID=Smp_329920;product=5'-
deoxynucleotidase CKO_00504
SM_V9_1 Liftoff exon    33607680        33607980        .       +
        .       Parent=Smp_329920.1
SM_V9_1 Liftoff exon    33608024        33608793        .       +
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        .       Parent=Smp_329920.1
SM_V9_1 Liftoff CDS     33607829        33607980        .       +
        0       Parent=Smp_329920.1
SM_V9_1 Liftoff CDS     33608024        33608069        .       +
        1       Parent=Smp_329920.1
SM_V9_1 iris    gene    33629054        33651736        .       -
        .
ID=Smp_154420;geneID=Smp_154420;gene_name=Smp_154420;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33629054        33651736        .       -
        .
ID=Smp_154420.1;Parent=Smp_154420;geneID=Smp_154420;gene_name=Smp_15
4420;owner=irisadmin@local.host;orig_id=Smp_154420.1;date_last_modif
ied=2022-08-02;Name=Smp_154420.1;product=Clathrin heavy chain
1;date_creation=2022-07-27
SM_V9_1 iris    exon    33629054        33630775        .       -
        .       Parent=Smp_154420.1;Name=30513d28-
feff-4f07-88f9-2a1bcc6ecc23
SM_V9_1 iris    exon    33631976        33632273        .       -
        .
Parent=Smp_154420.1;Name=48c70e6e-7a67-403e-99b4-5ed7c5d2501a
SM_V9_1 iris    exon    33633034        33633115        .       -
        .       Parent=Smp_154420.1;Name=0175434a-
ec71-4a78-81dc-578148416af7
SM_V9_1 iris    exon    33633860        33634081        .       -
        .       Parent=Smp_154420.1;Name=88816fd1-d93b-4dd2-
bf53-78b8e2370ac9
SM_V9_1 iris    exon    33635156        33635326        .       -
        .       Parent=Smp_154420.1;Name=63d3d895-b157-4c20-a011-
d8bf506c9a96
SM_V9_1 iris    exon    33635805        33636203        .       -
        .
Parent=Smp_154420.1;Name=804de2c1-9273-499a-98b5-4fa472a83b5a
SM_V9_1 iris    exon    33637182        33637622        .       -
        .       Parent=Smp_154420.1;Name=053832c3-473a-4069-
a94e-49c1ec6f41ff
SM_V9_1 iris    exon    33637802        33638152        .       -
        .       Parent=Smp_154420.1;Name=65248754-5b3e-472c-af2c-
eb1f8a1377d5
SM_V9_1 iris    exon    33639971        33640423        .       -
        .       Parent=Smp_154420.1;Name=f6baa0c7-b360-4de3-
b58c-0d09be977efc
SM_V9_1 iris    exon    33640575        33640858        .       -
        .       Parent=Smp_154420.1;Name=32d7e87c-2824-423f-bd7f-
d5fb99b485ae
SM_V9_1 iris    exon    33640940        33641159        .       -
        .       Parent=Smp_154420.1;Name=7c4fba2a-125d-4bae-9846-
fd551be1555e
SM_V9_1 iris    exon    33642114        33642458        .       -
        .       Parent=Smp_154420.1;Name=b18922e4-de95-4ec6-b804-
fa6eab7a735e
SM_V9_1 iris    exon    33643918        33644082        .       -
        .       Parent=Smp_154420.1;Name=449e1d0d-193e-42dd-
a70f-58d2c0d283c6
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SM_V9_1 iris    exon    33646635        33647009        .       -
        .       Parent=Smp_154420.1;Name=9bde9b01-
e896-4de8-9b1e-90ac20929232
SM_V9_1 iris    exon    33647809        33648006        .       -
        .
Parent=Smp_154420.1;Name=3529f94c-7b8d-4cc6-823c-90d482bd7b52
SM_V9_1 iris    exon    33648415        33648654        .       -
        .
Parent=Smp_154420.1;Name=31871425-3446-4ef8-8b54-68d86bb4d1f7
SM_V9_1 iris    exon    33650395        33650568        .       -
        .       Parent=Smp_154420.1;Name=16ceb5f3-61e6-458e-8e59-
d148a3f1e513
SM_V9_1 iris    exon    33650601        33651353        .       -
        .       Parent=Smp_154420.1;Name=5f3ffa96-06f2-480a-
a88f-69bb78516e99
SM_V9_1 iris    exon    33651398        33651736        .       -
        .
Parent=Smp_154420.1;Name=045b2948-6f75-4305-8203-16714db2f8d7
SM_V9_1 iris    CDS     33632134        33632273        .       -
        2       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33633034        33633115        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33633860        33634081        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33635156        33635326        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33635805        33636203        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33637182        33637622        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33637802        33638152        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33639971        33640423        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33640575        33640858        .       -
        2       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33640940        33641159        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33642114        33642458        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33643918        33644082        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33646635        33647009        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33647809        33648006        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33648415        33648654        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33650395        33650568        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33650601        33651353        .       -
        0       Parent=Smp_154420.1
SM_V9_1 iris    CDS     33651398        33651442        .       -
        0       Parent=Smp_154420.1
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SM_V9_1 iris    gene    33664610        33685575        .       +
       .
ID=Smp_060070;geneID=Smp_060070;gene_name=Smp_060070;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33664610        33685575        .       +
       .
ID=Smp_060070.1;Parent=Smp_060070;geneID=Smp_060070;gene_name=Smp_06
0070;owner=irisadmin@local.host;orig_id=Smp_060070.1;date_last_modif
ied=2022-08-02;Name=Smp_060070.1;product=Septin-7;date_creation=2022
-07-27
SM_V9_1 iris    exon    33664610        33664679        .       +
       .       Parent=Smp_060070.1;Name=7b7db23f-2909-4590-887c-
a36f6942e707
SM_V9_1 iris    exon    33664718        33664936        .       +
       .
Parent=Smp_060070.1;Name=99f9f119-68a1-484e-8bfd-36f4c39a7d89
SM_V9_1 iris    exon    33664976        33665161        .       +
       .       Parent=Smp_060070.1;Name=1a0aa47f-
e6c1-4ec8-9934-641085e950d5
SM_V9_1 iris    exon    33665201        33665408        .       +
       .       Parent=Smp_060070.1;Name=db352d0c-58c9-491f-8d6d-
ba6aa4c54c4e
SM_V9_1 iris    exon    33667113        33667304        .       +
       .       Parent=Smp_060070.1;Name=ef72fbf1-b647-41bd-
af6c-5cf750750f1b
SM_V9_1 iris    exon    33672386        33672594        .       +
       .
Parent=Smp_060070.1;Name=1cccf45b-9bf1-4955-9605-8c375a3fc4bf
SM_V9_1 iris    exon    33674810        33675004        .       +
       .       Parent=Smp_060070.1;Name=41927f9a-6d4d-4240-
ac85-5186a9401bc8
SM_V9_1 iris    exon    33684353        33685575        .       +
       .       Parent=Smp_060070.1;Name=223bd87e-0c91-4e8d-
abcc-7e3740d20311
SM_V9_1 iris    CDS     33664671        33664679        .       +
       0       Parent=Smp_060070.1
SM_V9_1 iris    CDS     33664718        33664936        .       +
       0       Parent=Smp_060070.1
SM_V9_1 iris    CDS     33664976        33665161        .       +
       0       Parent=Smp_060070.1
SM_V9_1 iris    CDS     33665201        33665408        .       +
       0       Parent=Smp_060070.1
SM_V9_1 iris    CDS     33667113        33667304        .       +
       2       Parent=Smp_060070.1
SM_V9_1 iris    CDS     33672386        33672594        .       +
       2       Parent=Smp_060070.1
SM_V9_1 iris    CDS     33674810        33675004        .       +
       0       Parent=Smp_060070.1
SM_V9_1 iris    CDS     33684353        33684631        .       +
       0       Parent=Smp_060070.1
SM_V9_1 iris    gene    33695310        33702002        .       +
       .
ID=Smp_060080;geneID=Smp_060080;gene_name=Smp_060080;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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SM_V9_1 iris    mRNA    33695310        33702002        .       +
       .
ID=Smp_060080.1;Parent=Smp_060080;geneID=Smp_060080;gene_name=Smp_06
0080;owner=irisadmin@local.host;orig_id=Smp_060080.1;date_last_modif
ied=2022-08-02;Name=Smp_060080.1;product=CDC42 small effector
protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    33695310        33695420        .       +
       .       Parent=Smp_060080.1;Name=1a5bd43a-73be-4cb6-
bc7f-5cc4ad03c14a
SM_V9_1 iris    exon    33695456        33695548        .       +
       .       Parent=Smp_060080.1;Name=3518da95-da4b-4d5d-8b96-
cf9e4729627d
SM_V9_1 iris    exon    33696931        33697463        .       +
       .
Parent=Smp_060080.1;Name=ff287ac1-63c6-42ff-89e4-7b5d639b6ae8
SM_V9_1 iris    exon    33701031        33702002        .       +
       .
Parent=Smp_060080.1;Name=ef4bf160-4450-4a0c-817b-057066ab7c3a
SM_V9_1 iris    CDS     33695388        33695420        .       +
       0       Parent=Smp_060080.1
SM_V9_1 iris    CDS     33695456        33695548        .       +
       0       Parent=Smp_060080.1
SM_V9_1 iris    CDS     33696931        33697332        .       +
       0       Parent=Smp_060080.1
SM_V9_1 Liftoff gene    33742110        33742678        .       +
       .       ID=Smp_060090;geneID=Smp_060090
SM_V9_1 Liftoff mRNA    33742110        33742678        .       +
       .
ID=Smp_060090.1;Parent=Smp_060090;geneID=Smp_060090;product=40S
ribosomal protein
S12;polypeptide_domain=InterPro:IPR000530,IPR004038,IPR029064
Pfam:PF01248;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_1 Liftoff exon    33742110        33742421        .       +
       .       Parent=Smp_060090.1
SM_V9_1 Liftoff exon    33742455        33742678        .       +
       .       Parent=Smp_060090.1
SM_V9_1 Liftoff CDS     33742206        33742421        .       +
       0       Parent=Smp_060090.1
SM_V9_1 Liftoff CDS     33742455        33742634        .       +
       0       Parent=Smp_060090.1
SM_V9_1 Liftoff gene    33749472        33774376        .       -
       .
ID=Smp_246630;geneID=Smp_246630;previous_systematic_id=Smp_154440
SM_V9_1 Liftoff mRNA    33749472        33774376        .       -
       .
ID=Smp_246630.1;Parent=Smp_246630;geneID=Smp_246630;product=Ubiquiti
n-conjugating enzyme, E2;evidence=Inferred from Sequence or
structural
Similarity;polypeptide_domain=InterPro:IPR000608,IPR016135
Pfam:PF00179
SM_V9_1 Liftoff exon    33749472        33750402        .       -
       .       Parent=Smp_246630.1
SM_V9_1 Liftoff exon    33755889        33756626        .       -
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        .       Parent=Smp_246630.1
SM_V9_1 Liftoff exon    33766251        33766641        .       -
        .       Parent=Smp_246630.1
SM_V9_1 Liftoff exon    33767681        33767811        .       -
        .       Parent=Smp_246630.1
SM_V9_1 Liftoff exon    33774148        33774376        .       -
        .       Parent=Smp_246630.1
SM_V9_1 Liftoff CDS     33749869        33750402        .       -
        0       Parent=Smp_246630.1
SM_V9_1 Liftoff CDS     33755889        33756626        .       -
        0       Parent=Smp_246630.1
SM_V9_1 Liftoff CDS     33766251        33766641        .       -
        1       Parent=Smp_246630.1
SM_V9_1 Liftoff CDS     33767681        33767811        .       -
        0       Parent=Smp_246630.1
SM_V9_1 Liftoff CDS     33774148        33774336        .       -
        0       Parent=Smp_246630.1
SM_V9_1 iris    gene    33780558        33830651        .       -
        .
ID=Smp_246620;geneID=Smp_246620;gene_name=Smp_246620;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33780558        33830651        .       -
        .
ID=Smp_246620.1;Parent=Smp_246620;geneID=Smp_246620;gene_name=Smp_24
6620;owner=irisadmin@local.host;orig_id=Smp_246620.1;date_last_modif
ied=2022-08-02;Name=Smp_246620.1;product=Serine/threonine-protein
kinase WNK1;date_creation=2022-07-27
SM_V9_1 iris    exon    33780558        33781723        .       -
        .       Parent=Smp_246620.1;Name=921c2eaa-
a1f0-49a2-9a51-979e1cab158b
SM_V9_1 iris    exon    33782459        33782681        .       -
        .       Parent=Smp_246620.1;Name=03860129-1266-4f0c-aac3-
d5585a72be33
SM_V9_1 iris    exon    33789984        33790325        .       -
        .       Parent=Smp_246620.1;Name=b5d57abb-cbf8-45af-b515-
ae92cd3a9d73
SM_V9_1 iris    exon    33791089        33791553        .       -
        .       Parent=Smp_246620.1;Name=239ac17e-6a1a-4b00-
b7f5-78e4603b154b
SM_V9_1 iris    exon    33793606        33794796        .       -
        .       Parent=Smp_246620.1;Name=26c79a90-d137-4a1b-a5e0-
e7d5b9a9611a
SM_V9_1 iris    exon    33797237        33799314        .       -
        .       Parent=Smp_246620.1;Name=cf0e8b62-
ae8c-4585-9afb-1fc07e926e61
SM_V9_1 iris    exon    33800263        33800623        .       -
        .       Parent=Smp_246620.1;Name=0f5ec232-2ef0-4955-bb91-
d708c48c9471
SM_V9_1 iris    exon    33801547        33801759        .       -
        .       Parent=Smp_246620.1;Name=588ffcb5-27a3-4235-923c-
d433ecbc44e6
SM_V9_1 iris    exon    33806292        33806552        .       -
        .       Parent=Smp_246620.1;Name=8c1d75f1-
eb7b-486d-8ddb-42fe1981d904
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SM_V9_1 iris    exon    33807101        33807147        .       -
        .       Parent=Smp_246620.1;Name=37f2b2ae-79d2-474d-
a6fd-3e0504b58396
SM_V9_1 iris    exon    33809041        33809257        .       -
        .       Parent=Smp_246620.1;Name=78d76013-a9d9-43a8-9553-
c62e32a3588e
SM_V9_1 iris    exon    33810220        33811205        .       -
        .       Parent=Smp_246620.1;Name=8b073166-0fc0-42c4-ad04-
b488dc57ee7d
SM_V9_1 iris    exon    33812665        33812914        .       -
        .
Parent=Smp_246620.1;Name=acbba3d8-4fbf-497e-8332-1343f33d77a1
SM_V9_1 iris    exon    33814801        33815049        .       -
        .       Parent=Smp_246620.1;Name=316be5bb-3ca1-40ad-9c04-
e316474ca0dc
SM_V9_1 iris    exon    33817053        33817079        .       -
        .
Parent=Smp_246620.1;Name=2f6fda28-16e3-4659-9807-10192974306a
SM_V9_1 iris    exon    33818293        33818579        .       -
        .       Parent=Smp_246620.1;Name=b500051f-ca4f-46f9-
a139-3bcca33136b1
SM_V9_1 iris    exon    33819646        33819896        .       -
        .       Parent=Smp_246620.1;Name=48453631-db72-4183-
b0a8-633bc6777f2e
SM_V9_1 iris    exon    33819941        33820134        .       -
        .       Parent=Smp_246620.1;Name=45c2646b-acef-4b51-bf12-
f4365cf0d991
SM_V9_1 iris    exon    33820171        33820251        .       -
        .       Parent=Smp_246620.1;Name=95d2f900-d004-424a-b055-
bfeff2aec927
SM_V9_1 iris    exon    33820288        33820773        .       -
        .
Parent=Smp_246620.1;Name=eb0b1411-2991-4773-8ed8-2d2c9353c7dd
SM_V9_1 iris    exon    33830534        33830651        .       -
        .       Parent=Smp_246620.1;Name=3b8aee00-4cc8-488f-
ab1e-347a757b8979
SM_V9_1 iris    CDS     33781713        33781723        .       -
        2       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33782459        33782681        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33789984        33790325        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33791089        33791553        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33793606        33794796        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33797237        33799314        .       -
        2       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33800263        33800623        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33801547        33801759        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33806292        33806552        .       -
        0       Parent=Smp_246620.1
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SM_V9_1 iris    CDS     33807101        33807147        .       -
        2       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33809041        33809257        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33810220        33811205        .       -
        2       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33812665        33812914        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33814801        33815049        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33817053        33817079        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33818293        33818579        .       -
        2       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33819646        33819896        .       -
        1       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33819941        33820134        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33820171        33820251        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    CDS     33820288        33820767        .       -
        0       Parent=Smp_246620.1
SM_V9_1 iris    gene    33865299        33866429        .       -
        .
ID=Smp_330190;geneID=Smp_330190;gene_name=Smp_330190;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33865299        33866429        .       -
        .
ID=Smp_330190.1;Parent=Smp_330190;geneID=Smp_330190;gene_name=Smp_33
0190;owner=irisadmin@local.host;orig_id=Smp_330190.1;date_last_modif
ied=2022-08-02;Name=Smp_330190.1;product=Ras-like GTP-binding
protein RHO;date_creation=2022-07-27
SM_V9_1 iris    exon    33865299        33865716        .       -
        .       Parent=Smp_330190.1;Name=43788e48-caac-40a4-9267-
b7b11fdd9eac
SM_V9_1 iris    exon    33865750        33865924        .       -
        .       Parent=Smp_330190.1;Name=5ffea03f-8edc-4d24-b948-
c2f3dbad7470
SM_V9_1 iris    exon    33865958        33866107        .       -
        .
Parent=Smp_330190.1;Name=d26ab1ae-0822-4cc5-8d05-824bdca8ebec
SM_V9_1 iris    exon    33866140        33866429        .       -
        .       Parent=Smp_330190.1;Name=b4695a76-31e0-4c49-
b940-5e08ee464238
SM_V9_1 iris    CDS     33865619        33865716        .       -
        2       Parent=Smp_330190.1
SM_V9_1 iris    CDS     33865750        33865924        .       -
        0       Parent=Smp_330190.1
SM_V9_1 iris    CDS     33865958        33866107        .       -
        0       Parent=Smp_330190.1
SM_V9_1 iris    CDS     33866140        33866298        .       -
        0       Parent=Smp_330190.1
SM_V9_1 Liftoff gene    33894130        33895089        .       +
        .       ID=Smp_330250;geneID=Smp_330250
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SM_V9_1 Liftoff mRNA    33894130        33895089        .       +
       .
ID=Smp_330250.1;Parent=Smp_330250;geneID=Smp_330250;product=Ras-like
GTP-binding protein
RHO;polypeptide_domain=InterPro:IPR001806,IPR003578,IPR005225,IPR027
417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0005622,GO:00072
64
SM_V9_1 Liftoff exon    33894130        33894317        .       +
       .       Parent=Smp_330250.1
SM_V9_1 Liftoff exon    33894350        33894499        .       +
       .       Parent=Smp_330250.1
SM_V9_1 Liftoff exon    33894533        33894707        .       +
       .       Parent=Smp_330250.1
SM_V9_1 Liftoff exon    33894741        33895089        .       +
       .       Parent=Smp_330250.1
SM_V9_1 Liftoff CDS     33894159        33894317        .       +
       0       Parent=Smp_330250.1
SM_V9_1 Liftoff CDS     33894350        33894499        .       +
       0       Parent=Smp_330250.1
SM_V9_1 Liftoff CDS     33894533        33894707        .       +
       0       Parent=Smp_330250.1
SM_V9_1 Liftoff CDS     33894741        33894838        .       +
       2       Parent=Smp_330250.1
SM_V9_1 iris    gene    33917415        33922652        .       -
       .
ID=Smp_196790;geneID=Smp_196790;gene_name=Smp_196790;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33917415        33922652        .       -
       .
ID=Smp_196790.1;Parent=Smp_196790;geneID=Smp_196790;gene_name=Smp_19
6790;owner=irisadmin@local.host;orig_id=Smp_196790.1;date_last_modif
ied=2022-08-02;Name=Smp_196790.1;product=Methionine-R-sulfoxide
reductase B3, mitochondrial;date_creation=2022-07-27
SM_V9_1 iris    exon    33917415        33918665        .       -
       .       Parent=Smp_196790.1;Name=e6ae0c0c-dba6-40f5-
b854-34567e4dd434
SM_V9_1 iris    exon    33920474        33920646        .       -
       .       Parent=Smp_196790.1;Name=0d187dca-
d22a-4e7c-9322-2650ece8bc21
SM_V9_1 iris    exon    33920679        33920742        .       -
       .       Parent=Smp_196790.1;Name=e1015fec-ca23-4e9c-
bfab-9ac32ed87465
SM_V9_1 iris    exon    33920782        33920867        .       -
       .       Parent=Smp_196790.1;Name=e65e5d9b-f384-4741-a950-
fd4c46cdbee8
SM_V9_1 iris    exon    33922478        33922652        .       -
       .       Parent=Smp_196790.1;Name=8634f1e5-31c8-494d-
a226-942921cc28e5
SM_V9_1 iris    CDS     33918499        33918665        .       -
       2       Parent=Smp_196790.1
SM_V9_1 iris    CDS     33920474        33920646        .       -
       1       Parent=Smp_196790.1
SM_V9_1 iris    CDS     33920679        33920742        .       -
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        2       Parent=Smp_196790.1
SM_V9_1 iris    CDS     33920782        33920866        .       -
        0       Parent=Smp_196790.1
SM_V9_1 Liftoff gene    33944027        33945482        .       -
        .       ID=Smp_104110;geneID=Smp_104110
SM_V9_1 Liftoff mRNA    33944027        33945482        .       -
        .
ID=Smp_104110.1;Parent=Smp_104110;geneID=Smp_104110;product=Ras-like
GTP-binding protein
RHO;polypeptide_domain=InterPro:IPR001806,IPR003578,IPR005225,IPR027
417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0005622,GO:00072
64
SM_V9_1 Liftoff exon    33944027        33944632        .       -
        .       Parent=Smp_104110.1
SM_V9_1 Liftoff exon    33944666        33944840        .       -
        .       Parent=Smp_104110.1
SM_V9_1 Liftoff exon    33944877        33945026        .       -
        .       Parent=Smp_104110.1
SM_V9_1 Liftoff exon    33945060        33945482        .       -
        .       Parent=Smp_104110.1
SM_V9_1 Liftoff CDS     33944538        33944632        .       -
        2       Parent=Smp_104110.1
SM_V9_1 Liftoff CDS     33944666        33944840        .       -
        0       Parent=Smp_104110.1
SM_V9_1 Liftoff CDS     33944877        33945026        .       -
        0       Parent=Smp_104110.1
SM_V9_1 Liftoff CDS     33945060        33945218        .       -
        0       Parent=Smp_104110.1
SM_V9_1 iris    gene    33957726        33960799        .       +
        .
ID=Smp_104120;geneID=Smp_104120;gene_name=Smp_104120;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33957726        33960799        .       +
        .
ID=Smp_104120.1;Parent=Smp_104120;geneID=Smp_104120;gene_name=Smp_10
4120;owner=irisadmin@local.host;orig_id=Smp_104120.1;date_last_modif
ied=2022-08-02;Name=Smp_104120.1;product=Uncharacterized protein
C11orf70 homolog;date_creation=2022-07-27
SM_V9_1 iris    exon    33957726        33957844        .       +
        .       Parent=Smp_104120.1;Name=c16b78a4-8386-4fe9-
a8ee-634b5e554c13
SM_V9_1 iris    exon    33957882        33957963        .       +
        .       Parent=Smp_104120.1;Name=ce6bbab8-12a5-4d61-83d1-
bae6ad4b3110
SM_V9_1 iris    exon    33958005        33958060        .       +
        .       Parent=Smp_104120.1;Name=5c3a91ab-dd07-4b94-ab19-
f0ba8e9302ca
SM_V9_1 iris    exon    33958121        33958268        .       +
        .       Parent=Smp_104120.1;Name=d2aa5ce7-7e33-43ad-
a578-3697857f0c0b
SM_V9_1 iris    exon    33958300        33958472        .       +
        .       Parent=Smp_104120.1;Name=09c5478a-
df9b-479c-93f4-21f538273227
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SM_V9_1 iris    exon    33958509        33958575        .       +
        .       Parent=Smp_104120.1;Name=5240a924-185b-4807-a620-
dce00e7aa90c
SM_V9_1 iris    exon    33960574        33960799        .       +
        .
Parent=Smp_104120.1;Name=b246a494-8821-4862-99ad-4c692b3795f5
SM_V9_1 iris    CDS     33957726        33957844        .       +
        0       Parent=Smp_104120.1
SM_V9_1 iris    CDS     33957882        33957963        .       +
        1       Parent=Smp_104120.1
SM_V9_1 iris    CDS     33958005        33958060        .       +
        0       Parent=Smp_104120.1
SM_V9_1 iris    CDS     33958121        33958268        .       +
        1       Parent=Smp_104120.1
SM_V9_1 iris    CDS     33958300        33958472        .       +
        0       Parent=Smp_104120.1
SM_V9_1 iris    CDS     33958509        33958575        .       +
        1       Parent=Smp_104120.1
SM_V9_1 iris    CDS     33960574        33960705        .       +
        0       Parent=Smp_104120.1
SM_V9_1 iris    gene    33991886        34055041        .       +
        .
ID=Smp_346630;geneID=Smp_346630;gene_name=Smp_346630;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    33991886        34055041        .       +
        .
ID=Smp_346630.1;Parent=Smp_346630;geneID=Smp_346630;gene_name=Smp_34
6630;owner=irisadmin@local.host;orig_id=Smp_346630.1;date_last_modif
ied=2022-08-02;Name=Smp_346630.1;product=Membrane-associated
guanylate kinase, WW and PDZ domain-containing protein
1;date_creation=2022-07-27
SM_V9_1 iris    exon    33991886        33992669        .       +
        .       Parent=Smp_346630.1;Name=d5bb9948-1789-4861-bcc5-
e6d23c90492e
SM_V9_1 iris    exon    34019048        34019073        .       +
        .
Parent=Smp_346630.1;Name=a293dd15-805a-4ce8-82e5-2eb1694d053b
SM_V9_1 iris    exon    34028619        34028914        .       +
        .       Parent=Smp_346630.1;Name=aedd4edd-1bbb-40ed-
bf9a-6b03ccfdd75e
SM_V9_1 iris    exon    34033892        34034449        .       +
        .       Parent=Smp_346630.1;Name=e3be7469-5bc8-43fc-9f12-
d722c0cc12a8
SM_V9_1 iris    exon    34037569        34037676        .       +
        .       Parent=Smp_346630.1;Name=e559ca31-
ae2d-46ce-8bc8-7e8baca85181
SM_V9_1 iris    exon    34038964        34039129        .       +
        .       Parent=Smp_346630.1;Name=281d0ea2-b978-4bc4-8ece-
ddc2f8d3fc6e
SM_V9_1 iris    exon    34041040        34041773        .       +
        .       Parent=Smp_346630.1;Name=61c32838-0141-430c-
a251-16be6e55b4a5
SM_V9_1 iris    exon    34045187        34045412        .       +
        .       Parent=Smp_346630.1;Name=8ede594d-51a5-479a-92fe-
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a1c5535731cd
SM_V9_1 iris    exon    34047951        34048073        .       +
        .       Parent=Smp_346630.1;Name=07e14e3b-
ecdc-47b1-9eba-98b0fc7b2094
SM_V9_1 iris    exon    34050370        34050534        .       +
        .       Parent=Smp_346630.1;Name=6ccaa967-aaf5-45bc-
b69f-5304b38ff050
SM_V9_1 iris    exon    34052650        34052792        .       +
        .       Parent=Smp_346630.1;Name=9da63f27-
d9de-412a-9af9-2eb6f85d59a5
SM_V9_1 iris    exon    34053846        34054013        .       +
        .       Parent=Smp_346630.1;Name=81fe78a2-74c3-4dcd-8f15-
b8d51d626a59
SM_V9_1 iris    exon    34054714        34055041        .       +
        .       Parent=Smp_346630.1;Name=56a72a39-7ad0-4995-91cf-
e7aa7e5fd382
SM_V9_1 iris    CDS     33992101        33992669        .       +
        0       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34019048        34019073        .       +
        1       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34028619        34028914        .       +
        2       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34033892        34034449        .       +
        0       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34037569        34037676        .       +
        0       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34038964        34039129        .       +
        0       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34041040        34041773        .       +
        2       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34045187        34045412        .       +
        0       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34047951        34048073        .       +
        2       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34050370        34050534        .       +
        2       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34052650        34052792        .       +
        2       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34053846        34054013        .       +
        0       Parent=Smp_346630.1
SM_V9_1 iris    CDS     34054714        34054860        .       +
        0       Parent=Smp_346630.1
SM_V9_1 iris    gene    34057531        34095213        .       -
        .
ID=Smp_346640;geneID=Smp_346640;gene_name=Smp_346640;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34057531        34095213        .       -
        .
ID=Smp_346640.1;Parent=Smp_346640;geneID=Smp_346640;gene_name=Smp_34
6640;owner=irisadmin@local.host;orig_id=Smp_346640.1;date_last_modif
ied=2022-08-26;Name=Smp_346640.1;product=Zinc finger protein
Xfin;date_creation=2022-07-27
SM_V9_1 iris    exon    34057531        34059411        .       -
        .       Parent=Smp_346640.1;Name=c70af0ef-
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d413-4a1e-8efe-47462123a02b
SM_V9_1 iris    exon    34059911        34060137        .       -
        .       Parent=Smp_346640.1;Name=b5ee589b-40c1-42c6-aa00-
a8728f314429
SM_V9_1 iris    exon    34061640        34061831        .       -
        .
Parent=Smp_346640.1;Name=1e64157e-127d-46d5-891f-366125d6727a
SM_V9_1 iris    exon    34063855        34064058        .       -
        .       Parent=Smp_346640.1;Name=30aa5f60-d61b-4cea-
a5f5-8414d3ca256d
SM_V9_1 iris    exon    34064341        34064562        .       -
        .       Parent=Smp_346640.1;Name=e702eedb-ea7e-475c-92b1-
c6c39f7c7637
SM_V9_1 iris    exon    34064689        34064886        .       -
        .
Parent=Smp_346640.1;Name=0f7f1d95-428f-488f-9ed8-97ed2edac33c
SM_V9_1 iris    exon    34071779        34071982        .       -
        .       Parent=Smp_346640.1;Name=6e53fe0b-5216-4715-
a71d-0f5171043f21
SM_V9_1 iris    exon    34072265        34072486        .       -
        .       Parent=Smp_346640.1;Name=b3cac477-a7ad-4f11-ad45-
c636c4c447b2
SM_V9_1 iris    exon    34072613        34072810        .       -
        .       Parent=Smp_346640.1;Name=33bd3cd5-bee6-4a0a-9fd4-
d9079406ab29
SM_V9_1 iris    exon    34078190        34078393        .       -
        .       Parent=Smp_346640.1;Name=ab0cf184-d93e-4997-9523-
a78aa94437fb
SM_V9_1 iris    exon    34078676        34078897        .       -
        .       Parent=Smp_346640.1;Name=b37bef65-4dd3-4b50-ab5f-
f62fea09e658
SM_V9_1 iris    exon    34079024        34079221        .       -
        .       Parent=Smp_346640.1;Name=ee8f7789-01ef-4ad5-ab88-
ad7197cc8d7f
SM_V9_1 iris    exon    34082548        34082733        .       -
        .
Parent=Smp_346640.1;Name=d323b8bf-8b5d-43e1-96c3-61e26dd327d2
SM_V9_1 iris    exon    34083442        34083591        .       -
        .       Parent=Smp_346640.1;Name=d8849241-3ea1-4a3d-
b4a2-49c54e18e0f5
SM_V9_1 iris    exon    34083789        34083929        .       -
        .       Parent=Smp_346640.1;Name=2b151db7-65de-4231-
b535-18bb40a80176
SM_V9_1 iris    exon    34084687        34084887        .       -
        .       Parent=Smp_346640.1;Name=69d85a43-bfa6-4685-9591-
f82ca4f2fa7e
SM_V9_1 iris    exon    34085902        34086114        .       -
        .       Parent=Smp_346640.1;Name=f247ee6a-8165-4026-
af4f-7353f21e0933
SM_V9_1 iris    exon    34087637        34087774        .       -
        .       Parent=Smp_346640.1;Name=9babc645-0587-4ce7-
aa2e-0151cb3d6197
SM_V9_1 iris    exon    34090476        34090688        .       -
        .       Parent=Smp_346640.1;Name=16e5eb00-b316-44d0-98e3-
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f11b3a3df04b
SM_V9_1 iris    exon    34091605        34092464        .       -
        .       Parent=Smp_346640.1;Name=33266138-eb90-4602-b484-
a834b7dcc718
SM_V9_1 iris    exon    34093176        34093394        .       -
        .       Parent=Smp_346640.1;Name=0e01b926-634c-4e5e-a5b5-
e5d3f13d2320
SM_V9_1 iris    exon    34095115        34095213        .       -
        .       Parent=Smp_346640.1;Name=dedee7db-
f273-4713-9fbf-9c14d2d0470f
SM_V9_1 iris    CDS     34058688        34059411        .       -
        1       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34059911        34060137        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34061640        34061831        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34063855        34064058        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34064341        34064562        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34064689        34064886        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34071779        34071982        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34072265        34072486        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34072613        34072810        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34078190        34078393        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34078676        34078897        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34079024        34079221        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34082548        34082733        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34083442        34083591        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34083789        34083929        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34084687        34084887        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34085902        34086114        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34087637        34087774        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34090476        34090688        .       -
        0       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34091605        34092464        .       -
        2       Parent=Smp_346640.1
SM_V9_1 iris    CDS     34093176        34093191        .       -
        0       Parent=Smp_346640.1
SM_V9_1 Liftoff gene    34099385        34099912        .       +
        .       ID=Smp_104170;geneID=Smp_104170
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SM_V9_1 Liftoff mRNA    34099385        34099912        .       +
        .
ID=Smp_104170.1;Parent=Smp_104170;geneID=Smp_104170;product=Bifuncti
onal uridylyltransferase/uridylyl-removing enzyme
SM_V9_1 Liftoff exon    34099385        34099484        .       +
        .       Parent=Smp_104170.1
SM_V9_1 Liftoff exon    34099641        34099912        .       +
        .       Parent=Smp_104170.1
SM_V9_1 Liftoff CDS     34099385        34099484        .       +
        0       Parent=Smp_104170.1
SM_V9_1 Liftoff CDS     34099641        34099912        .       +
        2       Parent=Smp_104170.1
SM_V9_1 Liftoff gene    34135889        34136276        .       -
        .       ID=Smp_200850;geneID=Smp_200850
SM_V9_1 Liftoff mRNA    34135889        34136276        .       -
        .
ID=Smp_200850.1;Parent=Smp_200850;geneID=Smp_200850;product=Calcium/
calmodulin-dependent protein kinase kinase cmkC
SM_V9_1 Liftoff exon    34135889        34136276        .       -
        .       Parent=Smp_200850.1
SM_V9_1 Liftoff CDS     34135945        34136232        .       -
        0       Parent=Smp_200850.1
SM_V9_1 Liftoff gene    34142297        34142758        .       -
        .       ID=Smp_200840;geneID=Smp_200840
SM_V9_1 Liftoff mRNA    34142297        34142758        .       -
        .
ID=Smp_200840.1;Parent=Smp_200840;geneID=Smp_200840;product=Calcium/
calmodulin-dependent protein kinase kinase cmkC
SM_V9_1 Liftoff exon    34142297        34142758        .       -
        .       Parent=Smp_200840.1
SM_V9_1 Liftoff CDS     34142383        34142670        .       -
        0       Parent=Smp_200840.1
SM_V9_1 Liftoff gene    34145616        34145957        .       -
        .       ID=Smp_200820;geneID=Smp_200820
SM_V9_1 Liftoff mRNA    34145616        34145957        .       -
        .
ID=Smp_200820.1;Parent=Smp_200820;geneID=Smp_200820;product=Calcium/
calmodulin-dependent protein kinase kinase cmkC
SM_V9_1 Liftoff exon    34145616        34145957        .       -
        .       Parent=Smp_200820.1
SM_V9_1 Liftoff CDS     34145616        34145903        .       -
        0       Parent=Smp_200820.1
SM_V9_1 iris    gene    34180520        34201920        .       -
        .
ID=Smp_073340;geneID=Smp_073340;gene_name=Smp_073340;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34180520        34201920        .       -
        .
ID=Smp_073340.1;Parent=Smp_073340;geneID=Smp_073340;gene_name=Smp_07
3340;owner=irisadmin@local.host;orig_id=Smp_073340.1;date_last_modif
ied=2022-08-02;Name=Smp_073340.1;product=Cyclin-dependent-like
kinase 5;date_creation=2022-07-27
SM_V9_1 iris    exon    34180520        34180895        .       -
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Parent=Smp_073340.1;Name=83ac3a0e-7462-401e-8c26-7c98e3914061
SM_V9_1 iris    exon    34183118        34183201        .       -
        .       Parent=Smp_073340.1;Name=f29b32d5-2335-4c81-85cd-
e44fa95ea8d3
SM_V9_1 iris    exon    34187408        34187468        .       -
        .       Parent=Smp_073340.1;Name=1c150b1b-8bab-4d21-
a953-3bbb4f5fecce
SM_V9_1 iris    exon    34188993        34189159        .       -
        .       Parent=Smp_073340.1;Name=af7fbaf6-5bf1-4b89-845e-
d05c9dbe790a
SM_V9_1 iris    exon    34194578        34194748        .       -
        .       Parent=Smp_073340.1;Name=15f02d62-
b6df-4616-9df1-6696254037ab
SM_V9_1 iris    exon    34196548        34196665        .       -
        .
Parent=Smp_073340.1;Name=15704c04-638a-4fda-812e-3b9254e33bd2
SM_V9_1 iris    exon    34196706        34196862        .       -
        .       Parent=Smp_073340.1;Name=c3aa9239-1a07-488d-9c30-
e7956ff5b14d
SM_V9_1 iris    exon    34196908        34197037        .       -
        .       Parent=Smp_073340.1;Name=0535f4c9-6d6e-446a-
b031-62378b78d37f
SM_V9_1 iris    exon    34201877        34201920        .       -
        .       Parent=Smp_073340.1;Name=25ceda2b-0990-4ffe-9ab1-
c0f3e8cadbbd
SM_V9_1 iris    CDS     34180815        34180895        .       -
        0       Parent=Smp_073340.1
SM_V9_1 iris    CDS     34183118        34183201        .       -
        0       Parent=Smp_073340.1
SM_V9_1 iris    CDS     34187408        34187468        .       -
        1       Parent=Smp_073340.1
SM_V9_1 iris    CDS     34188993        34189159        .       -
        0       Parent=Smp_073340.1
SM_V9_1 iris    CDS     34194578        34194748        .       -
        0       Parent=Smp_073340.1
SM_V9_1 iris    CDS     34196548        34196665        .       -
        1       Parent=Smp_073340.1
SM_V9_1 iris    CDS     34196706        34196862        .       -
        2       Parent=Smp_073340.1
SM_V9_1 iris    CDS     34196908        34196959        .       -
        0       Parent=Smp_073340.1
SM_V9_1 iris    gene    34208315        34212010        .       -
        .
ID=Smp_161870;geneID=Smp_161870;gene_name=Smp_161870;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34208315        34212010        .       -
        .
ID=Smp_161870.1;Parent=Smp_161870;geneID=Smp_161870;gene_name=Smp_16
1870;owner=irisadmin@local.host;orig_id=Smp_161870.1;date_last_modif
ied=2022-08-02;Name=Smp_161870.1;product=Alanine--tRNA ligase,
cytoplasmic;date_creation=2022-07-27
SM_V9_1 iris    exon    34208315        34208616        .       -
        .       Parent=Smp_161870.1;Name=d53f8c3d-d5fc-4bb3-
a0a8-4415f4c80243
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SM_V9_1 iris    exon    34209464        34209619        .       -
        .       Parent=Smp_161870.1;Name=54bbaf8b-e9ec-4dc8-b050-
bbeccab6119d
SM_V9_1 iris    exon    34209672        34209762        .       -
        .       Parent=Smp_161870.1;Name=378a3de0-
d1c2-4954-894d-8110401054c1
SM_V9_1 iris    exon    34211875        34212010        .       -
        .       Parent=Smp_161870.1;Name=7ad71e05-1852-48b8-b169-
e39668703a22
SM_V9_1 iris    CDS     34208526        34208616        .       -
        1       Parent=Smp_161870.1
SM_V9_1 iris    CDS     34209464        34209619        .       -
        1       Parent=Smp_161870.1
SM_V9_1 iris    CDS     34209672        34209727        .       -
        0       Parent=Smp_161870.1
SM_V9_1 Liftoff gene    34226113        34248104        .       +
        .       ID=Smp_246510;geneID=Smp_246510
SM_V9_1 Liftoff mRNA    34226113        34248104        .       +
        .
ID=Smp_246510.1;Parent=Smp_246510;geneID=Smp_246510;product=Protein
RUBCNL-like;polypeptide_domain=InterPro:IPR025258 Pfam:PF13901
SM_V9_1 Liftoff exon    34226113        34229390        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34229427        34229532        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34233831        34234096        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34235574        34235824        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34241094        34241512        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34243689        34244090        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34244755        34244819        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34246121        34246414        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff exon    34247025        34248104        .       +
        .       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34229276        34229390        .       +
        0       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34229427        34229532        .       +
        2       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34233831        34234096        .       +
        1       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34235574        34235824        .       +
        2       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34241094        34241512        .       +
        0       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34243689        34244090        .       +
        1       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34244755        34244819        .       +
        1       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34246121        34246414        .       +
```

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        2       Parent=Smp_246510.1
SM_V9_1 Liftoff CDS     34247025        34247374        .       +
        2       Parent=Smp_246510.1
SM_V9_1 Liftoff mRNA    34226113        34248104        .       +
        .
ID=Smp_246510.2;Parent=Smp_246510;geneID=Smp_246510;product=Protein
RUBCNL-like;polypeptide_domain=InterPro:IPR025258 Pfam:PF13901
SM_V9_1 Liftoff exon    34226113        34226335        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34227640        34227733        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34229265        34229390        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34229427        34229532        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34233831        34234096        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34235574        34235824        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34241094        34241512        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34243689        34244090        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34244755        34244819        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34246121        34246414        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff exon    34247025        34248104        .       +
        .       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34226288        34226335        .       +
        0       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34227640        34227733        .       +
        0       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34229265        34229390        .       +
        2       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34229427        34229532        .       +
        2       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34233831        34234096        .       +
        1       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34235574        34235824        .       +
        2       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34241094        34241512        .       +
        0       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34243689        34244090        .       +
        1       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34244755        34244819        .       +
        1       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34246121        34246414        .       +
        2       Parent=Smp_246510.2
SM_V9_1 Liftoff CDS     34247025        34247374        .       +
        2       Parent=Smp_246510.2
SM_V9_1 iris    gene    34251782        34275660        .       +
        .
ID=Smp_246500;geneID=Smp_246500;gene_name=Smp_246500;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34251782        34275660        .       +
        .
ID=Smp_246500.1;Parent=Smp_246500;geneID=Smp_246500;gene_name=Smp_24
6500;owner=irisadmin@local.host;orig_id=Smp_246500.1;date_last_modif
ied=2022-08-02;Name=Smp_246500.1;product=Hypothetical
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    34251782        34252268        .       +
        .
Parent=Smp_246500.1;Name=bed5e806-83d8-450d-8032-98d1d4445e84
SM_V9_1 iris    exon    34253374        34253960        .       +
        .       Parent=Smp_246500.1;Name=99f8312b-1614-4a2e-
a7de-3f1d711b6466
SM_V9_1 iris    exon    34259372        34259477        .       +
        .
Parent=Smp_246500.1;Name=7a9a21b0-2fd1-4d7b-8693-54ea416a7286
SM_V9_1 iris    exon    34261171        34261558        .       +
        .
Parent=Smp_246500.1;Name=78daad7d-4eba-41a2-873e-42731719ef7a
SM_V9_1 iris    exon    34263689        34264041        .       +
        .       Parent=Smp_246500.1;Name=f0d36fce-37b9-4d56-
b34f-6f05eec91fca
SM_V9_1 iris    exon    34266383        34266631        .       +
        .       Parent=Smp_246500.1;Name=faf323dd-fb72-4ae9-bd4c-
b2766807dba7
SM_V9_1 iris    exon    34274581        34275660        .       +
        .       Parent=Smp_246500.1;Name=4bcd8241-65ef-434e-8c7d-
d616bdd9f1dc
SM_V9_1 iris    CDS     34251929        34252268        .       +
        0       Parent=Smp_246500.1
SM_V9_1 iris    CDS     34253374        34253960        .       +
        2       Parent=Smp_246500.1
SM_V9_1 iris    CDS     34259372        34259477        .       +
        0       Parent=Smp_246500.1
SM_V9_1 iris    CDS     34261171        34261558        .       +
        2       Parent=Smp_246500.1
SM_V9_1 iris    CDS     34263689        34264041        .       +
        1       Parent=Smp_246500.1
SM_V9_1 iris    CDS     34266383        34266631        .       +
        2       Parent=Smp_246500.1
SM_V9_1 iris    CDS     34274581        34275047        .       +
        2       Parent=Smp_246500.1
SM_V9_1 Liftoff gene    34283787        34306658        .       -
        .       ID=Smp_073300;geneID=Smp_073300
SM_V9_1 Liftoff mRNA    34283787        34306658        .       -
        .
ID=Smp_073300.1;Parent=Smp_073300;geneID=Smp_073300;product=Peroxiso
mal acyl-coenzyme A oxidase 1
SM_V9_1 Liftoff exon    34283787        34284132        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34295563        34295726        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34297389        34297684        .       -
        .       Parent=Smp_073300.1
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SM_V9_1 Liftoff exon    34298712        34298958        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34300103        34300244        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34306072        34306202        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34306239        34306297        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34306330        34306381        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34306420        34306452        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff exon    34306488        34306658        .       -
        .       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34283920        34284132        .       -
        0       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34295563        34295726        .       -
        2       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34297389        34297684        .       -
        1       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34298712        34298958        .       -
        2       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34300103        34300244        .       -
        0       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34306072        34306202        .       -
        2       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34306239        34306297        .       -
        1       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34306330        34306381        .       -
        2       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34306420        34306452        .       -
        2       Parent=Smp_073300.1
SM_V9_1 Liftoff CDS     34306488        34306554        .       -
        0       Parent=Smp_073300.1
SM_V9_1 iris    gene    34326022        34332713        .       +
        .
ID=Smp_073290;geneID=Smp_073290;gene_name=Smp_073290;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34326022        34332713        .       +
        .
ID=Smp_073290.1;Parent=Smp_073290;geneID=Smp_073290;gene_name=Smp_07
3290;owner=irisadmin@local.host;orig_id=Smp_073290.1;date_last_modif
ied=2022-08-02;Name=Smp_073290.1;product=Serine/threonine-protein
phosphatase 4 regulatory subunit 2-A;date_creation=2022-07-27
SM_V9_1 iris    exon    34326022        34326086        .       +
        .       Parent=Smp_073290.1;Name=91d35eb8-ce54-4fa7-
a4be-9d9171cc9477
SM_V9_1 iris    exon    34326122        34326203        .       +
        .       Parent=Smp_073290.1;Name=3987d741-7d44-415f-b6b8-
f97d88c18ba9
SM_V9_1 iris    exon    34326237        34326401        .       +
        .       Parent=Smp_073290.1;Name=1cf8ac20-8a7d-4d57-9ddc-
d4c6b303f142
SM_V9_1 iris    exon    34326435        34326528        .       +
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        .       Parent=Smp_073290.1;Name=1dbcfe06-0277-4aeb-b9e1-
edc1f4a41f7d
SM_V9_1 iris    exon    34326562        34326599        .       +
        .       Parent=Smp_073290.1;Name=2dfe7262-fc98-44e9-
b9c6-7323706b8c02
SM_V9_1 iris    exon    34328128        34328524        .       +
        .
Parent=Smp_073290.1;Name=d3f85edf-2904-499f-8fd3-12b0fd20b83d
SM_V9_1 iris    exon    34328782        34329201        .       +
        .
Parent=Smp_073290.1;Name=24d657d2-0fac-4496-9f55-4005cc1896a4
SM_V9_1 iris    exon    34329721        34329927        .       +
        .       Parent=Smp_073290.1;Name=218405c4-7bd2-4b0a-91b8-
cd05bd2d6a2e
SM_V9_1 iris    exon    34330705        34330905        .       +
        .       Parent=Smp_073290.1;Name=eac70dd6-9215-4dbb-816d-
fb6571f56741
SM_V9_1 iris    exon    34331821        34332713        .       +
        .       Parent=Smp_073290.1;Name=a84fa531-a2a5-4fcb-a043-
b9e08f3ab649
SM_V9_1 iris    CDS     34326035        34326086        .       +
        0       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34326122        34326203        .       +
        2       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34326237        34326401        .       +
        1       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34326435        34326528        .       +
        1       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34326562        34326599        .       +
        0       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34328128        34328524        .       +
        1       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34328782        34329201        .       +
        0       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34329721        34329927        .       +
        0       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34330705        34330905        .       +
        0       Parent=Smp_073290.1
SM_V9_1 iris    CDS     34331821        34332171        .       +
        0       Parent=Smp_073290.1
SM_V9_1 iris    gene    34342083        34369018        .       -
        .
ID=Smp_073280;geneID=Smp_073280;gene_name=Smp_073280;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34342083        34369018        .       -
        .
ID=Smp_073280.1;Parent=Smp_073280;geneID=Smp_073280;gene_name=Smp_07
3280;owner=irisadmin@local.host;orig_id=Smp_073280.1;date_last_modif
ied=2022-08-02;Name=Smp_073280.1;product=Myelin proteolipid
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    34342083        34343435        .       -
        .       Parent=Smp_073280.1;Name=2f5cf916-
ac3a-4d64-9a06-21b48cb30646
SM_V9_1 iris    exon    34346256        34346380        .       -
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        .       Parent=Smp_073280.1;Name=231d622a-6261-48fa-
b09e-00990c3f498e
SM_V9_1 iris    exon    34349564        34350149        .       -
        .       Parent=Smp_073280.1;Name=60cf0216-eb7c-4591-9372-
b35c698661f0
SM_V9_1 iris    exon    34357081        34357240        .       -
        .
Parent=Smp_073280.1;Name=cef18894-992c-463e-9813-33dd5da32d45
SM_V9_1 iris    exon    34358837        34358984        .       -
        .       Parent=Smp_073280.1;Name=a72c43bd-5698-4f40-
b639-392d104517be
SM_V9_1 iris    exon    34368866        34369018        .       -
        .
Parent=Smp_073280.1;Name=dfaf9d4d-65ac-442a-94c4-16a429b1318c
SM_V9_1 iris    CDS     34343331        34343435        .       -
        0       Parent=Smp_073280.1
SM_V9_1 iris    CDS     34346256        34346380        .       -
        2       Parent=Smp_073280.1
SM_V9_1 iris    CDS     34349564        34350149        .       -
        0       Parent=Smp_073280.1
SM_V9_1 iris    CDS     34357081        34357240        .       -
        1       Parent=Smp_073280.1
SM_V9_1 iris    CDS     34358837        34358984        .       -
        2       Parent=Smp_073280.1
SM_V9_1 iris    CDS     34368866        34368884        .       -
        0       Parent=Smp_073280.1
SM_V9_1 Liftoff gene    34384912        34389519        .       +
        .       ID=Smp_073270;geneID=Smp_073270
SM_V9_1 Liftoff mRNA    34384912        34389519        .       +
        .
ID=Smp_073270.1;Parent=Smp_073270;geneID=Smp_073270;product=Neuroend
ocrine protein 7B2;polypeptide_domain=InterPro:IPR007945
Pfam:PF05281;Ontology_term=GO:0007218,GO:0030141
SM_V9_1 Liftoff exon    34384912        34385145        .       +
        .       Parent=Smp_073270.1
SM_V9_1 Liftoff exon    34385600        34386430        .       +
        .       Parent=Smp_073270.1
SM_V9_1 Liftoff exon    34387490        34387567        .       +
        .       Parent=Smp_073270.1
SM_V9_1 Liftoff exon    34389319        34389519        .       +
        .       Parent=Smp_073270.1
SM_V9_1 Liftoff CDS     34385122        34385145        .       +
        0       Parent=Smp_073270.1
SM_V9_1 Liftoff CDS     34385600        34386430        .       +
        0       Parent=Smp_073270.1
SM_V9_1 Liftoff CDS     34387490        34387567        .       +
        0       Parent=Smp_073270.1
SM_V9_1 Liftoff CDS     34389319        34389414        .       +
        0       Parent=Smp_073270.1
SM_V9_1 Liftoff gene    34409751        34443938        .       -
        .       ID=Smp_161850;geneID=Smp_161850
SM_V9_1 Liftoff mRNA    34409751        34443938        .       -
        .
ID=Smp_161850.1;Parent=Smp_161850;geneID=Smp_161850;product=Monocarb
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oxylate transporter
1;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_1 Liftoff exon    34409751        34410428        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34412251        34412376        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34413995        34414141        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34419440        34419562        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34422531        34422702        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34424743        34424931        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34428468        34428730        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34432566        34432731        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34434236        34434582        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34438256        34438399        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34440725        34441082        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff exon    34443709        34443938        .       -
        .       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34410166        34410428        .       -
        2       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34412251        34412376        .       -
        2       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34413995        34414141        .       -
        2       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34419440        34419562        .       -
        2       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34422531        34422702        .       -
        0       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34424743        34424931        .       -
        0       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34428468        34428730        .       -
        2       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34432566        34432731        .       -
        0       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34434236        34434582        .       -
        2       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34438256        34438399        .       -
        2       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34440725        34441082        .       -
        0       Parent=Smp_161850.1
SM_V9_1 Liftoff CDS     34443709        34443729        .       -
        0       Parent=Smp_161850.1
SM_V9_1 Liftoff gene    34464342        34488147        .       +
        .       ID=Smp_330470;geneID=Smp_330470;note=psid:Smp_161830
SM_V9_1 Liftoff mRNA    34464342        34488147        .       +
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        .
ID=Smp_330470.1;Parent=Smp_330470;geneID=Smp_330470;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    34464342        34466969        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34467897        34467955        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34474423        34474705        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34474939        34475079        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34475962        34476167        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34478049        34478348        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34478388        34478536        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34482288        34482489        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34485006        34485709        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff exon    34486838        34488147        .       +
        .       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34466786        34466969        .       +
        0       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34467897        34467955        .       +
        2       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34474423        34474705        .       +
        0       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34474939        34475079        .       +
        2       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34475962        34476167        .       +
        2       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34478049        34478348        .       +
        0       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34478388        34478536        .       +
        0       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34482288        34482489        .       +
        1       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34485006        34485709        .       +
        0       Parent=Smp_330470.1
SM_V9_1 Liftoff CDS     34486838        34488101        .       +
        1       Parent=Smp_330470.1
SM_V9_1 Liftoff gene    34493517        34497804        .       -
        .       ID=Smp_161820;geneID=Smp_161820
SM_V9_1 Liftoff mRNA    34493517        34497804        .       -
        .
ID=Smp_161820.1;Parent=Smp_161820;geneID=Smp_161820;product=Polyamin
e-modulated factor 1;polypeptide_domain=InterPro:IPR007128
Pfam:PF03980
SM_V9_1 Liftoff exon    34493517        34493764        .       -
        .       Parent=Smp_161820.1
SM_V9_1 Liftoff exon    34497215        34497413        .       -
        .       Parent=Smp_161820.1
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SM_V9_1 Liftoff exon    34497451        34497648        .       -
        .       Parent=Smp_161820.1
SM_V9_1 Liftoff exon    34497681        34497804        .       -
        .       Parent=Smp_161820.1
SM_V9_1 Liftoff CDS     34493687        34493764        .       -
        0       Parent=Smp_161820.1
SM_V9_1 Liftoff CDS     34497215        34497413        .       -
        1       Parent=Smp_161820.1
SM_V9_1 Liftoff CDS     34497451        34497648        .       -
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SM_V9_1 Liftoff CDS     34497681        34497754        .       -
        0       Parent=Smp_161820.1
SM_V9_1 Liftoff gene    34505978        34530392        .       +
        .       ID=Smp_073220;geneID=Smp_073220
SM_V9_1 Liftoff mRNA    34505978        34530392        .       +
        .
ID=Smp_073220.1;Parent=Smp_073220;geneID=Smp_073220;product=Exostosi
n-3;polypeptide_domain=InterPro:IPR004263,IPR015338,IPR029044
Pfam:PF03016,PF09258;Ontology_term=GO:0016021,GO:0016757
SM_V9_1 Liftoff exon    34505978        34511959        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34513030        34513902        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34516553        34516819        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34520622        34521009        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34522129        34522236        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34523194        34523348        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34525475        34525602        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34527326        34527470        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34529321        34529449        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff exon    34530012        34530392        .       +
        .       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34511570        34511959        .       +
        0       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34513030        34513902        .       +
        0       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34516553        34516819        .       +
        0       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34520622        34521009        .       +
        0       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34522129        34522236        .       +
        2       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34523194        34523348        .       +
        2       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34525475        34525602        .       +
        0       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34527326        34527470        .       +
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        1       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34529321        34529449        .       +
        0       Parent=Smp_073220.1
SM_V9_1 Liftoff CDS     34530012        34530221        .       +
        0       Parent=Smp_073220.1
SM_V9_1 Liftoff gene    34540708        34551014        .       +
        .       ID=Smp_073210;geneID=Smp_073210
SM_V9_1 Liftoff mRNA    34540708        34551014        .       +
        .
ID=Smp_073210.1;Parent=Smp_073210;geneID=Smp_073210;product=Arfaptin
-1;polypeptide_domain=InterPro:IPR010504,IPR027267
Pfam:PF06456;Ontology_term=GO:0019904
SM_V9_1 Liftoff exon    34540708        34542087        .       +
        .       Parent=Smp_073210.1
SM_V9_1 Liftoff exon    34542131        34542317        .       +
        .       Parent=Smp_073210.1
SM_V9_1 Liftoff exon    34545755        34545954        .       +
        .       Parent=Smp_073210.1
SM_V9_1 Liftoff exon    34548836        34549176        .       +
        .       Parent=Smp_073210.1
SM_V9_1 Liftoff exon    34550516        34551014        .       +
        .       Parent=Smp_073210.1
SM_V9_1 Liftoff CDS     34541931        34542087        .       +
        0       Parent=Smp_073210.1
SM_V9_1 Liftoff CDS     34542131        34542317        .       +
        2       Parent=Smp_073210.1
SM_V9_1 Liftoff CDS     34545755        34545954        .       +
        1       Parent=Smp_073210.1
SM_V9_1 Liftoff CDS     34548836        34549176        .       +
        2       Parent=Smp_073210.1
SM_V9_1 Liftoff CDS     34550516        34550656        .       +
        0       Parent=Smp_073210.1
SM_V9_1 iris    gene    34555066        34562912        .       -
        .
ID=Smp_073200;geneID=Smp_073200;gene_name=Smp_073200;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34555066        34562912        .       -
        .
ID=Smp_073200.1;Parent=Smp_073200;geneID=Smp_073200;gene_name=Smp_07
3200;owner=irisadmin@local.host;orig_id=Smp_073200.2;date_last_modif
ied=2022-08-02;Name=Smp_073200.1;product=Protein HGH1
homolog;date_creation=2022-07-27
SM_V9_1 iris    exon    34555066        34556063        .       -
        .
Parent=Smp_073200.1;Name=8334471a-5fa8-4c7d-9d9e-8410794133ba
SM_V9_1 iris    exon    34556101        34556300        .       -
        .       Parent=Smp_073200.1;Name=0b87a672-aa79-4fcb-b160-
ba4e3589cc2e
SM_V9_1 iris    exon    34556345        34556498        .       -
        .       Parent=Smp_073200.1;Name=13408372-18cd-4991-ba05-
c4b978dcf0b2
SM_V9_1 iris    exon    34556536        34556840        .       -
        .       Parent=Smp_073200.1;Name=5e648026-
f15c-4ee5-9042-1a1030afddf6
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SM_V9_1 iris    exon    34562715        34562912        .       -
        .       Parent=Smp_073200.1;Name=2b3a8cb0-0d0e-44c6-86ba-
b54b2cb0fedf
SM_V9_1 iris    CDS     34555764        34556063        .       -
        0       Parent=Smp_073200.1
SM_V9_1 iris    CDS     34556101        34556300        .       -
        2       Parent=Smp_073200.1
SM_V9_1 iris    CDS     34556345        34556498        .       -
        0       Parent=Smp_073200.1
SM_V9_1 iris    CDS     34556536        34556840        .       -
        2       Parent=Smp_073200.1
SM_V9_1 iris    CDS     34562715        34562844        .       -
        0       Parent=Smp_073200.1
SM_V9_1 iris    gene    34574093        34601359        .       +
        .
ID=Smp_161800;geneID=Smp_161800;gene_name=Smp_161800;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    34574093        34601359        .       +
        .
ID=Smp_161800.1;Parent=Smp_161800;geneID=Smp_161800;gene_name=Smp_16
1800;owner=irisadmin@local.host;orig_id=Smp_161800.1;date_last_modif
ied=2022-08-29;Name=Smp_161800.1;product=Protein polyglycylase
TTLL10;date_creation=2022-08-29
SM_V9_1 iris    exon    34574093        34574684        .       +
        .       Parent=Smp_161800.1;Name=cc280732-5184-46af-
a49d-2f29ca685c13
SM_V9_1 iris    exon    34586411        34586537        .       +
        .
Parent=Smp_161800.1;Name=17bcc329-450f-4f74-9d70-101879fc1036
SM_V9_1 iris    exon    34587765        34587954        .       +
        .       Parent=Smp_161800.1;Name=8fa933cd-808b-46a9-
a1a7-05b6a980220a
SM_V9_1 iris    exon    34589763        34589925        .       +
        .       Parent=Smp_161800.1;Name=876e9360-dd5a-4642-
b815-8dd89d9cf4ca
SM_V9_1 iris    exon    34592780        34592951        .       +
        .       Parent=Smp_161800.1;Name=0756dc19-494e-4a18-
b6ff-6165d39268c0
SM_V9_1 iris    exon    34593791        34593931        .       +
        .       Parent=Smp_161800.1;Name=9178c3bf-a62c-4ad9-8277-
e3873b4c9c37
SM_V9_1 iris    exon    34594504        34594620        .       +
        .       Parent=Smp_161800.1;Name=5f5c02d4-6bf5-4ba5-8cfb-
ddbbe8f6b933
SM_V9_1 iris    exon    34595929        34596022        .       +
        .       Parent=Smp_161800.1;Name=1fe8e8b0-26c5-4f0d-9d00-
eaaebde65828
SM_V9_1 iris    exon    34599076        34601359        .       +
        .
Parent=Smp_161800.1;Name=a0201b8e-05db-499a-9a5e-7f3198f53fa0
SM_V9_1 iris    CDS     34574356        34574684        .       +
        0       Parent=Smp_161800.1
SM_V9_1 iris    CDS     34586411        34586537        .       +
        1       Parent=Smp_161800.1
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SM_V9_1 iris    CDS     34587765        34587954        .       +
        0       Parent=Smp_161800.1
SM_V9_1 iris    CDS     34589763        34589925        .       +
        2       Parent=Smp_161800.1
SM_V9_1 iris    CDS     34592780        34592951        .       +
        1       Parent=Smp_161800.1
SM_V9_1 iris    CDS     34593791        34593931        .       +
        0       Parent=Smp_161800.1
SM_V9_1 iris    CDS     34594504        34594620        .       +
        0       Parent=Smp_161800.1
SM_V9_1 iris    CDS     34595929        34596022        .       +
        0       Parent=Smp_161800.1
SM_V9_1 iris    CDS     34599076        34600412        .       +
        2       Parent=Smp_161800.1
SM_V9_1 iris    gene    34609955        34660859        .       +
        .
ID=Smp_161790;geneID=Smp_161790;gene_name=Smp_161790;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34609955        34660859        .       +
        .
ID=Smp_161790.1;Parent=Smp_161790;geneID=Smp_161790;gene_name=Smp_16
1790;owner=irisadmin@local.host;orig_id=Smp_161790.4;date_last_modif
ied=2022-08-02;Name=Smp_161790.1;product=JmjC domain-containing
histone demethylation protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    34609955        34610117        .       +
        .       Parent=Smp_161790.1;Name=3af52fc8-
fa6e-4a97-892b-652d96815cba
SM_V9_1 iris    exon    34627449        34627588        .       +
        .       Parent=Smp_161790.1;Name=8e190ef0-
d11e-4a2c-8013-107c34ddfaa7
SM_V9_1 iris    exon    34643131        34643577        .       +
        .       Parent=Smp_161790.1;Name=a0eb2b01-7011-4943-9566-
b597b3a6ce86
SM_V9_1 iris    exon    34644691        34644759        .       +
        .       Parent=Smp_161790.1;Name=0038a161-37c6-43eb-
a5d1-69deffad942a
SM_V9_1 iris    exon    34648886        34649092        .       +
        .       Parent=Smp_161790.1;Name=10c5773a-0b34-47ea-be06-
e9b3c38b0b69
SM_V9_1 iris    exon    34652603        34652758        .       +
        .       Parent=Smp_161790.1;Name=6a4e66e4-f134-4ff6-b34a-
b354038de63c
SM_V9_1 iris    exon    34660700        34660859        .       +
        .       Parent=Smp_161790.1;Name=fd0f7b29-
bb6d-43e7-9e83-822dadc571d3
SM_V9_1 iris    CDS     34627463        34627588        .       +
        0       Parent=Smp_161790.1
SM_V9_1 iris    CDS     34643131        34643577        .       +
        0       Parent=Smp_161790.1
SM_V9_1 iris    CDS     34644691        34644759        .       +
        0       Parent=Smp_161790.1
SM_V9_1 iris    CDS     34648886        34649092        .       +
        0       Parent=Smp_161790.1
SM_V9_1 iris    CDS     34652603        34652758        .       +
```

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        0       Parent=Smp_161790.1
SM_V9_1 iris    CDS     34660700        34660738        .       +
        0       Parent=Smp_161790.1
SM_V9_1 Liftoff gene    34665554        34673144        .       -
        .       ID=Smp_073140;geneID=Smp_073140
SM_V9_1 Liftoff mRNA    34665554        34673144        .       -
        .
ID=Smp_073140.1;Parent=Smp_073140;geneID=Smp_073140;product=Protein
FAM177A1;polypeptide_domain=InterPro:IPR028260 Pfam:PF14774
SM_V9_1 Liftoff exon    34665554        34666461        .       -
        .       Parent=Smp_073140.1
SM_V9_1 Liftoff exon    34667276        34667455        .       -
        .       Parent=Smp_073140.1
SM_V9_1 Liftoff exon    34668702        34673144        .       -
        .       Parent=Smp_073140.1
SM_V9_1 Liftoff CDS     34666411        34666461        .       -
        0       Parent=Smp_073140.1
SM_V9_1 Liftoff CDS     34667276        34667455        .       -
        0       Parent=Smp_073140.1
SM_V9_1 Liftoff CDS     34668702        34668806        .       -
        0       Parent=Smp_073140.1
SM_V9_1 iris    gene    34682045        34716163        .       +
        .
ID=Smp_210780;geneID=Smp_210780;gene_name=Smp_210780;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
SM_V9_1 iris    mRNA    34682045        34716163        .       +
        .
ID=Smp_210780.1;Parent=Smp_210780;geneID=Smp_210780;gene_name=Smp_21
0780;owner=irisadmin@local.host;orig_id=Smp_210780.1;date_last_modif
ied=2022-08-25;Name=Smp_210780.1;product=von Willebrand factor A
domain-containing protein 5A;date_creation=2022-08-25
SM_V9_1 iris    exon    34682045        34682122        .       +
        .       Parent=Smp_210780.1;Name=4ba6276b-6fa9-4c23-8142-
ad70e33f31ac
SM_V9_1 iris    exon    34682270        34682622        .       +
        .       Parent=Smp_210780.1;Name=2ccc5e02-bab5-4d4f-9253-
bd9745edf8d2
SM_V9_1 iris    exon    34684084        34684333        .       +
        .       Parent=Smp_210780.1;Name=672176e9-26fd-4401-
ab69-41b294b7a399
SM_V9_1 iris    exon    34684369        34684541        .       +
        .       Parent=Smp_210780.1;Name=53e08430-669b-4776-942c-
cca6c0b80706
SM_V9_1 iris    exon    34685847        34686066        .       +
        .       Parent=Smp_210780.1;Name=4719bec6-6e8f-4bed-bcbd-
eaed61e9c6ec
SM_V9_1 iris    exon    34686656        34686782        .       +
        .       Parent=Smp_210780.1;Name=6aad0241-ac46-43f8-b3db-
ef26b50601f1
SM_V9_1 iris    exon    34690264        34690450        .       +
        .       Parent=Smp_210780.1;Name=4e9737c8-
d2c0-42a5-963e-9167505d6060
SM_V9_1 iris    exon    34691478        34691611        .       +
        .       Parent=Smp_210780.1;Name=6ffd4c6d-6f4c-4be6-828d-
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a1f5e2817fef
SM_V9_1 iris    exon    34698779        34698978        .       +
        .       Parent=Smp_210780.1;Name=17136f4b-581f-4b2a-
bfcb-89987c20ab19
SM_V9_1 iris    exon    34708533        34708856        .       +
        .       Parent=Smp_210780.1;Name=8ef12b54-60b5-4281-
aca5-29d647b3e179
SM_V9_1 iris    exon    34709046        34709105        .       +
        .       Parent=Smp_210780.1;Name=6423ac16-81ef-4e89-
b11b-2a4415ee2e20
SM_V9_1 iris    exon    34710890        34710943        .       +
        .
Parent=Smp_210780.1;Name=d15c822b-63f3-4fc0-9e50-038b7de6cd08
SM_V9_1 iris    exon    34711580        34711606        .       +
        .       Parent=Smp_210780.1;Name=f92d4925-150a-4b1d-
b90c-42a066ac0bfb
SM_V9_1 iris    exon    34712752        34712811        .       +
        .       Parent=Smp_210780.1;Name=21c2055f-3661-4756-bd30-
f72bf3f36373
SM_V9_1 iris    exon    34715077        34715232        .       +
        .       Parent=Smp_210780.1;Name=fda8a2b1-af38-4212-
a389-990cd5d51588
SM_V9_1 iris    exon    34715703        34716163        .       +
        .       Parent=Smp_210780.1;Name=7a64717f-e3ec-4293-
a56c-2f109d0362b1
SM_V9_1 iris    CDS     34682353        34682622        .       +
        0       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34684084        34684333        .       +
        0       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34684369        34684541        .       +
        2       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34685847        34686066        .       +
        0       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34686656        34686782        .       +
        2       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34690264        34690450        .       +
        1       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34691478        34691611        .       +
        0       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34698779        34698978        .       +
        1       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34708533        34708856        .       +
        2       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34709046        34709105        .       +
        2       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34710890        34710943        .       +
        2       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34711580        34711606        .       +
        2       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34712752        34712811        .       +
        2       Parent=Smp_210780.1
SM_V9_1 iris    CDS     34715077        34715232        .       +
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SM_V9_1 iris    CDS     34715703        34715947        .       +
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        2       Parent=Smp_210780.1
SM_V9_1 Liftoff gene    34723308        34731031        .       +
        .
ID=Smp_210770;geneID=Smp_210770;previous_systematic_id=Smp_073130,Sm
p_161780
SM_V9_1 Liftoff mRNA    34723308        34731031        .       +
        .
ID=Smp_210770.1;Parent=Smp_210770;geneID=Smp_210770;product=Vacuolar
protein sorting-associated protein
26;polypeptide_domain=InterPro:IPR028934 Pfam:PF03643
SM_V9_1 Liftoff exon    34723308        34723339        .       +
        .       Parent=Smp_210770.1
SM_V9_1 Liftoff exon    34725002        34725375        .       +
        .       Parent=Smp_210770.1
SM_V9_1 Liftoff exon    34725408        34725572        .       +
        .       Parent=Smp_210770.1
SM_V9_1 Liftoff exon    34725607        34725713        .       +
        .       Parent=Smp_210770.1
SM_V9_1 Liftoff exon    34725752        34725963        .       +
        .       Parent=Smp_210770.1
SM_V9_1 Liftoff exon    34730038        34730199        .       +
        .       Parent=Smp_210770.1
SM_V9_1 Liftoff exon    34730316        34731031        .       +
        .       Parent=Smp_210770.1
SM_V9_1 Liftoff CDS     34723334        34723339        .       +
        0       Parent=Smp_210770.1
SM_V9_1 Liftoff CDS     34725002        34725375        .       +
        0       Parent=Smp_210770.1
SM_V9_1 Liftoff CDS     34725408        34725572        .       +
        1       Parent=Smp_210770.1
SM_V9_1 Liftoff CDS     34725607        34725713        .       +
        1       Parent=Smp_210770.1
SM_V9_1 Liftoff CDS     34725752        34725963        .       +
        2       Parent=Smp_210770.1
SM_V9_1 Liftoff CDS     34730038        34730199        .       +
        0       Parent=Smp_210770.1
SM_V9_1 Liftoff CDS     34730316        34730627        .       +
        0       Parent=Smp_210770.1
SM_V9_1 Liftoff gene    34731033        34790524        .       -
        .
ID=Smp_246470;geneID=Smp_246470;previous_systematic_id=Smp_073110
SM_V9_1 Liftoff mRNA    34731033        34790524        .       -
        .
ID=Smp_246470.1;Parent=Smp_246470;geneID=Smp_246470;product=Vacuolar
protein sorting-associated protein 41
homolog;polypeptide_domain=InterPro:IPR000547,IPR001841,IPR011990,IP
R015943,IPR016024,IPR017986
Pfam:PF00637;Ontology_term=GO:0005488,GO:0005515,GO:0006886,GO:00161
92
SM_V9_1 Liftoff exon    34731033        34731516        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34732827        34733204        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34734418        34734657        .       -
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        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34736190        34736240        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34738546        34738817        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34755984        34756197        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34761207        34761347        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34762213        34762385        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34765464        34765927        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34772646        34772710        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34775051        34775170        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34778841        34778966        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34779698        34779772        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34782321        34782404        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff exon    34787459        34790524        .       -
        .       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34731181        34731516        .       -
        0       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34732827        34733204        .       -
        0       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34734418        34734657        .       -
        0       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34736190        34736240        .       -
        0       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34738546        34738817        .       -
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SM_V9_1 Liftoff CDS     34755984        34756197        .       -
        0       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34761207        34761347        .       -
        0       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34762213        34762385        .       -
        2       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34765464        34765927        .       -
        1       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34772646        34772710        .       -
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SM_V9_1 Liftoff CDS     34775051        34775170        .       -
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SM_V9_1 Liftoff CDS     34778841        34778966        .       -
        0       Parent=Smp_246470.1
SM_V9_1 Liftoff CDS     34779698        34779772        .       -
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SM_V9_1 Liftoff CDS     34782321        34782404        .       -
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SM_V9_1 Liftoff CDS     34787459        34787617        .       -
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        0       Parent=Smp_246470.1
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        .       ID=Smp_106590;geneID=Smp_106590
SM_V9_1 Liftoff mRNA    34799544        34799660        .       +
        .
ID=Smp_106590.1;Parent=Smp_106590;geneID=Smp_106590;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    34799544        34799660        .       +
        .       Parent=Smp_106590.1
SM_V9_1 Liftoff CDS     34799544        34799660        .       +
        0       Parent=Smp_106590.1
SM_V9_1 Liftoff gene    34804058        34804798        .       +
        .       ID=Smp_161770;geneID=Smp_161770
SM_V9_1 Liftoff mRNA    34804058        34804798        .       +
        .
ID=Smp_161770.1;Parent=Smp_161770;geneID=Smp_161770;product=Interleu
kin enhancer-binding factor 3
SM_V9_1 Liftoff exon    34804058        34804798        .       +
        .       Parent=Smp_161770.1
SM_V9_1 Liftoff CDS     34804385        34804747        .       +
        0       Parent=Smp_161770.1
SM_V9_1 Liftoff gene    34806669        34809824        .       -
        .       ID=Smp_073080;geneID=Smp_073080
SM_V9_1 Liftoff mRNA    34806669        34809824        .       -
        .
ID=Smp_073080.1;Parent=Smp_073080;geneID=Smp_073080;product=RNA-
binding protein
PNO1;polypeptide_domain=InterPro:IPR004088;Ontology_term=GO:0003723
SM_V9_1 Liftoff exon    34806669        34806991        .       -
        .       Parent=Smp_073080.1
SM_V9_1 Liftoff exon    34809425        34809658        .       -
        .       Parent=Smp_073080.1
SM_V9_1 Liftoff exon    34809694        34809824        .       -
        .       Parent=Smp_073080.1
SM_V9_1 Liftoff CDS     34806749        34806991        .       -
        0       Parent=Smp_073080.1
SM_V9_1 Liftoff CDS     34809425        34809658        .       -
        0       Parent=Smp_073080.1
SM_V9_1 Liftoff CDS     34809694        34809792        .       -
        0       Parent=Smp_073080.1
SM_V9_1 iris    gene    34830878        34838136        .       +
        .
ID=Smp_073070;geneID=Smp_073070;gene_name=Smp_073070;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
SM_V9_1 iris    mRNA    34830878        34838136        .       +
        .
ID=Smp_073070.1;Parent=Smp_073070;geneID=Smp_073070;gene_name=Smp_07
3070;owner=irisadmin@local.host;orig_id=Smp_073070.1;date_last_modif
ied=2022-08-25;Name=Smp_073070.1;product=Palmitoyltransferase
ZDHHC5;date_creation=2022-08-25
SM_V9_1 iris    exon    34830878        34831047        .       +
        .       Parent=Smp_073070.1;Name=f0edb475-63e8-4ea9-80b5-
a5b771c6dac9
SM_V9_1 iris    exon    34831082        34831203        .       +
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        .       Parent=Smp_073070.1;Name=aecc015d-08c2-4d51-
ab86-40f201312361
SM_V9_1 iris    exon    34831241        34831410        .       +
        .       Parent=Smp_073070.1;Name=9c71125b-0868-48f8-
b849-614806f3a85a
SM_V9_1 iris    exon    34831443        34831615        .       +
        .       Parent=Smp_073070.1;Name=794d97b5-1fa2-45fd-
aa5f-81ccffff8430
SM_V9_1 iris    exon    34831683        34831785        .       +
        .
Parent=Smp_073070.1;Name=1522e0a4-66bf-44af-958c-500a508ca019
SM_V9_1 iris    exon    34832553        34832644        .       +
        .       Parent=Smp_073070.1;Name=41f7a152-2fc1-4392-be73-
f4a5633d3066
SM_V9_1 iris    exon    34832687        34832813        .       +
        .       Parent=Smp_073070.1;Name=0837c26e-bb9c-4ebc-888d-
c35e9ed4ea73
SM_V9_1 iris    exon    34835521        34838136        .       +
        .       Parent=Smp_073070.1;Name=78a93956-9056-41b3-
bcce-614b82e44e07
SM_V9_1 iris    CDS     34830956        34831047        .       +
        0       Parent=Smp_073070.1
SM_V9_1 iris    CDS     34831082        34831203        .       +
        1       Parent=Smp_073070.1
SM_V9_1 iris    CDS     34831241        34831410        .       +
        2       Parent=Smp_073070.1
SM_V9_1 iris    CDS     34831443        34831615        .       +
        0       Parent=Smp_073070.1
SM_V9_1 iris    CDS     34831683        34831785        .       +
        1       Parent=Smp_073070.1
SM_V9_1 iris    CDS     34832553        34832644        .       +
        0       Parent=Smp_073070.1
SM_V9_1 iris    CDS     34832687        34832813        .       +
        1       Parent=Smp_073070.1
SM_V9_1 iris    CDS     34835521        34837110        .       +
        0       Parent=Smp_073070.1
SM_V9_1 iris    gene    34839668        34860012        .       +
        .
ID=Smp_161750;geneID=Smp_161750;gene_name=Smp_161750;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34839668        34860012        .       +
        .
ID=Smp_161750.1;Parent=Smp_161750;geneID=Smp_161750;gene_name=Smp_16
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ied=2022-08-02;Name=Smp_161750.1;product=Splicing factor
45;date_creation=2022-07-27
SM_V9_1 iris    exon    34839668        34839955        .       +
        .       Parent=Smp_161750.1;Name=b4dccd94-403c-4f1a-a1fb-
c3d233d0a6ab
SM_V9_1 iris    exon    34841733        34841885        .       +
        .
Parent=Smp_161750.1;Name=26b36a50-9af6-4f16-9d76-97a0a384da97
SM_V9_1 iris    exon    34849218        34849434        .       +
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        .       Parent=Smp_161750.1;Name=9dc5694c-3e8b-4d0b-
a912-7fda7e526709
SM_V9_1 iris    exon    34856146        34856410        .       +
        .       Parent=Smp_161750.1;Name=42b67a08-4121-4e9b-
accb-6bafebe7fe63
SM_V9_1 iris    exon    34858016        34858202        .       +
        .       Parent=Smp_161750.1;Name=915f8119-503c-461a-a66d-
cb026363cf8f
SM_V9_1 iris    exon    34859482        34860012        .       +
        .       Parent=Smp_161750.1;Name=fa82efed-b072-4563-
bf68-75e5e62b664d
SM_V9_1 iris    CDS     34839762        34839955        .       +
        0       Parent=Smp_161750.1
SM_V9_1 iris    CDS     34841733        34841885        .       +
        1       Parent=Smp_161750.1
SM_V9_1 iris    CDS     34849218        34849434        .       +
        1       Parent=Smp_161750.1
SM_V9_1 iris    CDS     34850845        34851137        .       +
        0       Parent=Smp_161750.1
SM_V9_1 iris    CDS     34856146        34856410        .       +
        1       Parent=Smp_161750.1
SM_V9_1 iris    CDS     34858016        34858202        .       +
        0       Parent=Smp_161750.1
SM_V9_1 iris    CDS     34859482        34859594        .       +
        2       Parent=Smp_161750.1
SM_V9_1 Liftoff gene    34860025        34862114        .       -
        .
ID=Smp_315110;geneID=Smp_315110;previous_systematic_id=Smp_073050
SM_V9_1 Liftoff mRNA    34860025        34862114        .       -
        .
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SM_V9_1 Liftoff exon    34860025        34860715        .       -
        .       Parent=Smp_315110.1
SM_V9_1 Liftoff exon    34860751        34862114        .       -
        .       Parent=Smp_315110.1
SM_V9_1 Liftoff CDS     34860340        34860715        .       -
        1       Parent=Smp_315110.1
SM_V9_1 Liftoff CDS     34860751        34860806        .       -
        0       Parent=Smp_315110.1
SM_V9_1 Liftoff gene    34872098        34874766        .       +
        .
ID=Smp_314730;geneID=Smp_314730;previous_systematic_id=Smp_073050
SM_V9_1 Liftoff mRNA    34872098        34874766        .       +
        .
ID=Smp_314730.1;Parent=Smp_314730;geneID=Smp_314730;product=Chromoso
me-anchoring protein RacA
SM_V9_1 Liftoff exon    34872098        34873445        .       +
        .       Parent=Smp_314730.1
SM_V9_1 Liftoff exon    34873481        34874766        .       +
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SM_V9_1 Liftoff CDS     34873390        34873445        .       +
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        0       Parent=Smp_314730.1
SM_V9_1 Liftoff CDS     34873481        34873856        .       +
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SM_V9_1 Liftoff gene    34877078        34894523        .       +
        .
ID=Smp_246460;geneID=Smp_246460;previous_systematic_id=Smp_173850
SM_V9_1 Liftoff mRNA    34877078        34894523        .       +
        .
ID=Smp_246460.1;Parent=Smp_246460;geneID=Smp_246460;product=TRAF3-
interacting protein 1;polypeptide_domain=Pfam:PF10243
SM_V9_1 Liftoff exon    34877078        34877302        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34877343        34877573        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34877603        34877794        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34881044        34881266        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34882404        34882455        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34884218        34884280        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34886805        34886992        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34889331        34889413        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34892307        34892527        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff exon    34893703        34894523        .       +
        .       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34877105        34877302        .       +
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SM_V9_1 Liftoff CDS     34877343        34877573        .       +
        0       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34877603        34877794        .       +
        0       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34881044        34881266        .       +
        0       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34882404        34882455        .       +
        2       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34884218        34884280        .       +
        1       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34886805        34886992        .       +
        1       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34889331        34889413        .       +
        2       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34892307        34892527        .       +
        0       Parent=Smp_246460.1
SM_V9_1 Liftoff CDS     34893703        34893865        .       +
        1       Parent=Smp_246460.1
SM_V9_1 Liftoff gene    34903245        34913729        .       +
        .       ID=Smp_094360;geneID=Smp_094360
SM_V9_1 Liftoff mRNA    34903245        34913729        .       +
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ng and spacing factor
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6,IPR019787 Pfam:PF00628
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        .       Parent=Smp_094360.1
SM_V9_1 Liftoff exon    34903372        34903502        .       +
        .       Parent=Smp_094360.1
SM_V9_1 Liftoff exon    34905177        34905628        .       +
        .       Parent=Smp_094360.1
SM_V9_1 Liftoff exon    34906718        34907184        .       +
        .       Parent=Smp_094360.1
SM_V9_1 Liftoff exon    34907876        34909861        .       +
        .       Parent=Smp_094360.1
SM_V9_1 Liftoff exon    34912403        34913729        .       +
        .       Parent=Smp_094360.1
SM_V9_1 Liftoff CDS     34903282        34903328        .       +
        0       Parent=Smp_094360.1
SM_V9_1 Liftoff CDS     34903372        34903502        .       +
        1       Parent=Smp_094360.1
SM_V9_1 Liftoff CDS     34905177        34905628        .       +
        2       Parent=Smp_094360.1
SM_V9_1 Liftoff CDS     34906718        34907184        .       +
        0       Parent=Smp_094360.1
SM_V9_1 Liftoff CDS     34907876        34909861        .       +
        1       Parent=Smp_094360.1
SM_V9_1 Liftoff CDS     34912403        34913138        .       +
        1       Parent=Smp_094360.1
SM_V9_1 iris    gene    34919406        34935701        .       -
        .
ID=Smp_094340;geneID=Smp_094340;gene_name=Smp_094340;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34919406        34935701        .       -
        .
ID=Smp_094340.1;Parent=Smp_094340;geneID=Smp_094340;gene_name=Smp_09
4340;owner=irisadmin@local.host;orig_id=Smp_094340.1;date_last_modif
ied=2022-08-02;Name=Smp_094340.1;product=Protein
cereblon;date_creation=2022-07-27
SM_V9_1 iris    exon    34919406        34920678        .       -
        .       Parent=Smp_094340.1;Name=ab35cde1-9ab7-4ee2-
adb2-018adccf5383
SM_V9_1 iris    exon    34922516        34922715        .       -
        .
Parent=Smp_094340.1;Name=fb6c6229-1a11-4537-8d34-0e7963cca90a
SM_V9_1 iris    exon    34923676        34923879        .       -
        .       Parent=Smp_094340.1;Name=41ac3449-d251-4b3c-b23a-
a5d7a73113f5
SM_V9_1 iris    exon    34925938        34926478        .       -
        .       Parent=Smp_094340.1;Name=84635ae6-14ad-4003-8fa4-
fc4bf77df1ee
SM_V9_1 iris    exon    34926614        34926799        .       -
        .       Parent=Smp_094340.1;Name=c7fb31f4-4296-4eee-a740-
c23f6590d024
SM_V9_1 iris    exon    34929162        34929323        .       -
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        .       Parent=Smp_094340.1;Name=7e2615a3-22e4-420b-
acb1-4a262f02e62d
SM_V9_1 iris    exon    34935217        34935419        .       -
        .       Parent=Smp_094340.1;Name=105d6ea5-a7dc-47c1-a435-
eec5427f9125
SM_V9_1 iris    exon    34935452        34935701        .       -
        .       Parent=Smp_094340.1;Name=5e927853-8dc4-4b73-
b5cb-2a6ebde8f9c8
SM_V9_1 iris    CDS     34920516        34920678        .       -
        1       Parent=Smp_094340.1
SM_V9_1 iris    CDS     34922516        34922715        .       -
        0       Parent=Smp_094340.1
SM_V9_1 iris    CDS     34923676        34923879        .       -
        0       Parent=Smp_094340.1
SM_V9_1 iris    CDS     34925938        34926478        .       -
        1       Parent=Smp_094340.1
SM_V9_1 iris    CDS     34926614        34926799        .       -
        1       Parent=Smp_094340.1
SM_V9_1 iris    CDS     34929162        34929323        .       -
        1       Parent=Smp_094340.1
SM_V9_1 iris    CDS     34935217        34935419        .       -
        0       Parent=Smp_094340.1
SM_V9_1 iris    CDS     34935452        34935556        .       -
        0       Parent=Smp_094340.1
SM_V9_1 iris    gene    34947635        35002475        .       +
        .
ID=Smp_094330;geneID=Smp_094330;gene_name=Smp_094330;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    34947635        35002475        .       +
        .
ID=Smp_094330.1;Parent=Smp_094330;geneID=Smp_094330;gene_name=Smp_09
4330;owner=irisadmin@local.host;orig_id=Smp_094330.1;date_last_modif
ied=2022-08-02;Name=Smp_094330.1;product=Phosphofurin acidic cluster
sorting protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    34947635        34947763        .       +
        .       Parent=Smp_094330.1;Name=25cf33ed-e545-4ab2-ad3c-
d987f00ab76f
SM_V9_1 iris    exon    34949547        34950003        .       +
        .       Parent=Smp_094330.1;Name=3a49c9a0-cc3f-41f5-
bb15-025c2a9f0b16
SM_V9_1 iris    exon    34954110        34954251        .       +
        .       Parent=Smp_094330.1;Name=b58e9cbe-65c2-4ee5-
bab4-1e1e3bb9886c
SM_V9_1 iris    exon    34956943        34957097        .       +
        .       Parent=Smp_094330.1;Name=95182127-9b30-4618-8565-
ecae6fbde244
SM_V9_1 iris    exon    34960846        34960911        .       +
        .       Parent=Smp_094330.1;Name=3732ab45-5f63-4219-
a33f-4fdcb50d1d3a
SM_V9_1 iris    exon    34965593        34965778        .       +
        .
Parent=Smp_094330.1;Name=efe5a5e5-3693-4ee0-930a-14e9d60ae372
SM_V9_1 iris    exon    34968211        34968648        .       +
        .       Parent=Smp_094330.1;Name=41bfcf76-
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dc24-42cd-8e91-522bb2b66a87
SM_V9_1 iris    exon    34968750        34969064        .       +
        .
Parent=Smp_094330.1;Name=4fd4e4a8-5b62-4c9e-9e78-16b9e69797b5
SM_V9_1 iris    exon    34978614        34978697        .       +
        .       Parent=Smp_094330.1;Name=19389c3c-7a48-421d-
a3d1-16d8d926acc4
SM_V9_1 iris    exon    34980935        34981361        .       +
        .
Parent=Smp_094330.1;Name=81d0a8ac-8550-481e-8c4c-598ab9cfad78
SM_V9_1 iris    exon    34984855        34985303        .       +
        .
Parent=Smp_094330.1;Name=f7352506-6ea8-4dd7-86fa-0584c608801e
SM_V9_1 iris    exon    34987282        34987574        .       +
        .       Parent=Smp_094330.1;Name=bf4903ca-035a-418d-
ae59-1019e50f6fb6
SM_V9_1 iris    exon    34992180        34992335        .       +
        .
Parent=Smp_094330.1;Name=bfff84d4-1148-4b04-9b14-2e58929ccb32
SM_V9_1 iris    exon    34996062        34996561        .       +
        .       Parent=Smp_094330.1;Name=ceafac5c-1a88-4564-
bc00-8d04f9926ff8
SM_V9_1 iris    exon    34999173        34999493        .       +
        .       Parent=Smp_094330.1;Name=bdd1b5dc-be15-4154-
aafc-09f38c0e29e4
SM_V9_1 iris    exon    35000638        35002475        .       +
        .       Parent=Smp_094330.1;Name=946e411e-8181-434d-
a67c-63011ea988fd
SM_V9_1 iris    CDS     34947684        34947763        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34949547        34950003        .       +
        1       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34954110        34954251        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34956943        34957097        .       +
        2       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34960846        34960911        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34965593        34965778        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34968211        34968648        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34968750        34969064        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34978614        34978697        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34980935        34981361        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34984855        34985303        .       +
        2       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34987282        34987574        .       +
        0       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34992180        34992335        .       +
        1       Parent=Smp_094330.1
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SM_V9_1 iris    CDS     34996062        34996561        .       +
        1       Parent=Smp_094330.1
SM_V9_1 iris    CDS     34999173        34999493        .       +
        2       Parent=Smp_094330.1
SM_V9_1 iris    CDS     35000638        35000771        .       +
        2       Parent=Smp_094330.1
SM_V9_1 iris    gene    35008221        35024325        .       -
        .
ID=Smp_161730;geneID=Smp_161730;gene_name=Smp_161730;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
SM_V9_1 iris    mRNA    35008221        35024325        .       -
        .
ID=Smp_161730.1;Parent=Smp_161730;geneID=Smp_161730;gene_name=Smp_16
1730;owner=irisadmin@local.host;orig_id=Smp_161730.1;date_last_modif
ied=2022-08-25;Name=Smp_161730.1;product=U2 snRNP-associated SURP
motif-containing protein;date_creation=2022-08-25
SM_V9_1 iris    exon    35008221        35008510        .       -
        .       Parent=Smp_161730.1;Name=7f8a5e0d-0123-4495-b686-
d12ea2c085a5
SM_V9_1 iris    exon    35008937        35009464        .       -
        .
Parent=Smp_161730.1;Name=1b1262d1-6bac-4031-9d32-074645b96d48
SM_V9_1 iris    exon    35010029        35010326        .       -
        .       Parent=Smp_161730.1;Name=adf5cb5c-40db-40eb-
a998-858f43bb252a
SM_V9_1 iris    exon    35011433        35011789        .       -
        .       Parent=Smp_161730.1;Name=81284d86-2227-4ee1-af17-
a712193ad9bb
SM_V9_1 iris    exon    35013107        35013315        .       -
        .       Parent=Smp_161730.1;Name=05cd014b-f671-4014-acef-
fef19c3d93ce
SM_V9_1 iris    exon    35014800        35014901        .       -
        .       Parent=Smp_161730.1;Name=c5566c5f-6457-4d57-81ce-
bda5c7c534ca
SM_V9_1 iris    exon    35014944        35015031        .       -
        .
Parent=Smp_161730.1;Name=d4d37463-1309-4493-9d53-7129060ab215
SM_V9_1 iris    exon    35015479        35015889        .       -
        .
Parent=Smp_161730.1;Name=a7f45ccb-76b8-4673-801d-03914885ad8b
SM_V9_1 iris    exon    35016943        35017130        .       -
        .       Parent=Smp_161730.1;Name=a55b7392-c13c-4cbc-
b383-19e73f1eb7bb
SM_V9_1 iris    exon    35018852        35018918        .       -
        .       Parent=Smp_161730.1;Name=92bac219-
eb00-4bf1-9213-37c98447b035
SM_V9_1 iris    exon    35018965        35019069        .       -
        .       Parent=Smp_161730.1;Name=53d5e17e-89ab-423d-b81f-
abe34003b5be
SM_V9_1 iris    exon    35019123        35019166        .       -
        .       Parent=Smp_161730.1;Name=cf2ab9e0-0b2c-417e-8ca0-
b1eb6d5f21ab
SM_V9_1 iris    exon    35021812        35022104        .       -
        .       Parent=Smp_161730.1;Name=d262eda0-9d59-492b-8f3d-
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dca33095420f
SM_V9_1 iris    exon    35023212        35023377        .       -
        .       Parent=Smp_161730.1;Name=3d66d1de-e502-4812-9d0a-
d527ef9a49e0
SM_V9_1 iris    exon    35023413        35023483        .       -
        .       Parent=Smp_161730.1;Name=f246b6ef-1d1a-43cb-
aa1f-31e401e69306
SM_V9_1 iris    exon    35023518        35023738        .       -
        .
Parent=Smp_161730.1;Name=cb03df43-8c3c-4c1a-8759-293721204e90
SM_V9_1 iris    exon    35023779        35023852        .       -
        .
Parent=Smp_161730.1;Name=d692a6f1-5093-46c3-969e-22fef004d9ae
SM_V9_1 iris    exon    35023886        35024007        .       -
        .       Parent=Smp_161730.1;Name=8b5afd3f-7251-4ed6-
a92d-80e77eb6b943
SM_V9_1 iris    exon    35024047        35024155        .       -
        .
Parent=Smp_161730.1;Name=1ade7fd7-5da4-4407-943c-7730f20a618e
SM_V9_1 iris    exon    35024190        35024325        .       -
        .       Parent=Smp_161730.1;Name=b1f3f2ad-a3db-4775-801b-
ecd3aa1aad47
SM_V9_1 iris    CDS     35008370        35008510        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35008937        35009464        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35010029        35010326        .       -
        1       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35011433        35011789        .       -
        1       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35013107        35013315        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35014800        35014901        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35014944        35015031        .       -
        1       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35015479        35015889        .       -
        1       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35016943        35017130        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35018852        35018918        .       -
        1       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35018965        35019069        .       -
        1       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35019123        35019166        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35021812        35022104        .       -
        2       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35023212        35023377        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35023413        35023483        .       -
        2       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35023518        35023738        .       -
        1       Parent=Smp_161730.1
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SM_V9_1 iris    CDS     35023779        35023852        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35023886        35024007        .       -
        2       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35024047        35024155        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    CDS     35024190        35024285        .       -
        0       Parent=Smp_161730.1
SM_V9_1 iris    gene    35031995        35112021        .       +
        .
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SM_V9_1 iris    mRNA    35031995        35112021        .       +
        .
ID=Smp_191210.1;Parent=Smp_191210;geneID=Smp_191210;gene_name=Smp_19
1210;owner=irisadmin@local.host;orig_id=Smp_191210.1;date_last_modif
ied=2022-08-25;Name=Smp_191210.1;product=Restin
homolog;date_creation=2022-08-25
SM_V9_1 iris    exon    35031995        35032026        .       +
        .       Parent=Smp_191210.1;Name=b76b0aae-69c7-464e-9b1d-
eba2150eca38
SM_V9_1 iris    exon    35032428        35032727        .       +
        .
Parent=Smp_191210.1;Name=84bfc34b-4a4d-4fde-9a31-8728df1e0c34
SM_V9_1 iris    exon    35043680        35043851        .       +
        .
Parent=Smp_191210.1;Name=951889d0-551d-47d7-8947-212047bf29a5
SM_V9_1 iris    exon    35045846        35046232        .       +
        .       Parent=Smp_191210.1;Name=0badd82b-96ad-46db-
acb7-7cd8d847b14e
SM_V9_1 iris    exon    35057354        35057476        .       +
        .       Parent=Smp_191210.1;Name=670b40c4-4440-4569-8f5a-
a450c8dbc835
SM_V9_1 iris    exon    35058874        35058928        .       +
        .       Parent=Smp_191210.1;Name=00ae262e-e049-4f31-825c-
d37528204cb8
SM_V9_1 iris    exon    35063119        35063365        .       +
        .       Parent=Smp_191210.1;Name=3748c54f-e701-4deb-8a15-
af4516074bf3
SM_V9_1 iris    exon    35068755        35069335        .       +
        .       Parent=Smp_191210.1;Name=ba6d3ed9-1c88-461f-
bad3-4937cc308c78
SM_V9_1 iris    exon    35075605        35075668        .       +
        .       Parent=Smp_191210.1;Name=e9660494-b438-45ac-ab13-
ac6380d8109c
SM_V9_1 iris    exon    35076694        35076915        .       +
        .
Parent=Smp_191210.1;Name=32153def-5c88-4ce9-88e0-4cafaf99f4fe
SM_V9_1 iris    exon    35084732        35084829        .       +
        .       Parent=Smp_191210.1;Name=8d1660fc-f29a-4b44-9e66-
a5937139c5cd
SM_V9_1 iris    exon    35086102        35086240        .       +
        .       Parent=Smp_191210.1;Name=9f227f86-5f13-48e5-a544-
de73962fc5c5
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SM_V9_1 iris    exon    35090312        35090350        .       +
        .
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SM_V9_1 iris    exon    35091999        35092261        .       +
        .
Parent=Smp_191210.1;Name=9e0aeaff-119b-445d-8c1f-976e12f5f1dd
SM_V9_1 iris    exon    35093675        35093771        .       +
        .       Parent=Smp_191210.1;Name=1ed99fac-8b38-44c2-
a992-177e3fc10008
SM_V9_1 iris    exon    35100357        35100406        .       +
        .       Parent=Smp_191210.1;Name=77f3824d-e54b-4bd1-
a921-6369e29610d8
SM_V9_1 iris    exon    35106598        35106709        .       +
        .       Parent=Smp_191210.1;Name=c2e680ee-4461-4de0-9426-
d6117d9aec4c
SM_V9_1 iris    exon    35108254        35108416        .       +
        .       Parent=Smp_191210.1;Name=b8d1c846-
c39f-48cc-8e94-3d30db0aea64
SM_V9_1 iris    exon    35109693        35109888        .       +
        .       Parent=Smp_191210.1;Name=a03ae0e8-f42e-4d70-
a75e-0f45c662653e
SM_V9_1 iris    exon    35110455        35112021        .       +
        .       Parent=Smp_191210.1;Name=fb3ba212-4fc0-4612-9d16-
e50eed4e84bf
SM_V9_1 iris    CDS     35045890        35046232        .       +
        0       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35057354        35057476        .       +
        2       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35058874        35058928        .       +
        2       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35063119        35063365        .       +
        1       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35068755        35069335        .       +
        0       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35075605        35075668        .       +
        1       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35076694        35076915        .       +
        0       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35084732        35084829        .       +
        0       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35086102        35086240        .       +
        1       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35090312        35090350        .       +
        0       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35091999        35092261        .       +
        0       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35093675        35093771        .       +
        1       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35100357        35100406        .       +
        0       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35106598        35106709        .       +
        1       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35108254        35108416        .       +
        0       Parent=Smp_191210.1
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SM_V9_1 iris    CDS     35109693        35109888        .       +
        2       Parent=Smp_191210.1
SM_V9_1 iris    CDS     35110455        35111214        .       +
        1       Parent=Smp_191210.1
SM_V9_1 iris    gene    35112599        35118442        .       -
        .
ID=Smp_072990;geneID=Smp_072990;gene_name=Smp_072990;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    35112599        35118442        .       -
        .
ID=Smp_072990.1;Parent=Smp_072990;geneID=Smp_072990;gene_name=Smp_07
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ied=2022-08-26;Name=Smp_072990.1;product=Transmembrane protein
185B;date_creation=2022-08-26
SM_V9_1 iris    exon    35112599        35113219        .       -
        .       Parent=Smp_072990.1;Name=9fcd9be8-c886-41d6-
b600-57f5052de83c
SM_V9_1 iris    exon    35114435        35115431        .       -
        .
Parent=Smp_072990.1;Name=1d477279-3b23-4c10-8b03-8266fbe8a6eb
SM_V9_1 iris    exon    35118306        35118442        .       -
        .       Parent=Smp_072990.1;Name=8f0895af-51d2-4404-
bebb-90af07519f58
SM_V9_1 iris    CDS     35112949        35113219        .       -
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SM_V9_1 iris    CDS     35114435        35115264        .       -
        0       Parent=Smp_072990.1
SM_V9_1 Liftoff gene    35122795        35140312        .       +
        .       ID=Smp_072980;geneID=Smp_072980
SM_V9_1 Liftoff mRNA    35122795        35140312        .       +
        .
ID=Smp_072980.1;Parent=Smp_072980;geneID=Smp_072980;product=Eukaryot
ic elongation factor 2
kinase;polypeptide_domain=InterPro:IPR004166,IPR011009
Pfam:PF02816;Ontology_term=GO:0004674,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    35122795        35123610        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35123972        35124176        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35124323        35124497        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35125134        35125307        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35131079        35131378        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35132768        35133640        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35135377        35135673        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35136711        35137158        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff exon    35139927        35140312        .       +
        .       Parent=Smp_072980.1
SM_V9_1 Liftoff CDS     35123514        35123610        .       +
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SM_V9_1 Liftoff CDS     35124323        35124497        .       +
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SM_V9_1 Liftoff CDS     35125134        35125307        .       +
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SM_V9_1 Liftoff CDS     35131079        35131378        .       +
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SM_V9_1 Liftoff CDS     35135377        35135673        .       +
        0       Parent=Smp_072980.1
SM_V9_1 Liftoff CDS     35136711        35137158        .       +
        0       Parent=Smp_072980.1
SM_V9_1 Liftoff CDS     35139927        35140045        .       +
        2       Parent=Smp_072980.1
SM_V9_1 Liftoff gene    35184395        35191370        .       +
        .       ID=Smp_072970;geneID=Smp_072970
SM_V9_1 Liftoff mRNA    35184395        35191370        .       +
        .
ID=Smp_072970.1;Parent=Smp_072970;geneID=Smp_072970;product=Tetratri
copeptide repeat protein
1;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734;Ontology
_term=GO:0005515
SM_V9_1 Liftoff exon    35184395        35184603        .       +
        .       Parent=Smp_072970.1
SM_V9_1 Liftoff exon    35184637        35184810        .       +
        .       Parent=Smp_072970.1
SM_V9_1 Liftoff exon    35186499        35186684        .       +
        .       Parent=Smp_072970.1
SM_V9_1 Liftoff exon    35190969        35191370        .       +
        .       Parent=Smp_072970.1
SM_V9_1 Liftoff CDS     35184418        35184603        .       +
        0       Parent=Smp_072970.1
SM_V9_1 Liftoff CDS     35184637        35184810        .       +
        0       Parent=Smp_072970.1
SM_V9_1 Liftoff CDS     35186499        35186684        .       +
        0       Parent=Smp_072970.1
SM_V9_1 Liftoff CDS     35190969        35191160        .       +
        0       Parent=Smp_072970.1
SM_V9_1 Liftoff gene    35203805        35252363        .       +
        .       ID=Smp_161680;geneID=Smp_161680
SM_V9_1 Liftoff mRNA    35203805        35252363        .       +
        .
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phosphorylase b kinase regulatory subunit
beta;polypeptide_domain=InterPro:IPR008928,IPR011613
Pfam:PF00723;Ontology_term=GO:0003824
SM_V9_1 Liftoff exon    35203805        35205066        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35206834        35206975        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35207749        35207848        .       +
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        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35208561        35208725        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35209851        35209987        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35211379        35211538        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35212388        35212579        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35213914        35213971        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35215657        35215740        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35217676        35217831        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35222144        35222247        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35223522        35223641        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35224991        35225109        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35228670        35228766        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35229834        35229916        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35236357        35236447        .       +
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SM_V9_1 Liftoff exon    35236920        35237144        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35237946        35238154        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35241621        35241914        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35244231        35244652        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35246098        35246342        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35249112        35249344        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff exon    35251627        35252363        .       +
        .       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35204994        35205066        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35206834        35206975        .       +
        2       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35207749        35207848        .       +
        1       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35208561        35208725        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35209851        35209987        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35211379        35211538        .       +
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SM_V9_1 Liftoff CDS     35212388        35212579        .       +
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        0       Parent=Smp_161680.1
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SM_V9_1 Liftoff CDS     35215657        35215740        .       +
        2       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35217676        35217831        .       +
        2       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35222144        35222247        .       +
        2       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35223522        35223641        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35224991        35225109        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35228670        35228766        .       +
        1       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35229834        35229916        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35236357        35236447        .       +
        1       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35236920        35237144        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35237946        35238154        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35241621        35241914        .       +
        1       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35244231        35244652        .       +
        1       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35246098        35246342        .       +
        2       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35249112        35249344        .       +
        0       Parent=Smp_161680.1
SM_V9_1 Liftoff CDS     35251627        35251849        .       +
        1       Parent=Smp_161680.1
SM_V9_1 Liftoff gene    35258275        35261589        .       +
        .       ID=Smp_072950;geneID=Smp_072950
SM_V9_1 Liftoff mRNA    35258275        35261589        .       +
        .
ID=Smp_072950.1;Parent=Smp_072950;geneID=Smp_072950;product=Transmem
brane emp24 domain-containing protein
eca;polypeptide_domain=InterPro:IPR009038
Pfam:PF01105;Ontology_term=GO:0006810,GO:0016021
SM_V9_1 Liftoff exon    35258275        35258434        .       +
        .       Parent=Smp_072950.1
SM_V9_1 Liftoff exon    35258471        35258577        .       +
        .       Parent=Smp_072950.1
SM_V9_1 Liftoff exon    35260156        35260260        .       +
        .       Parent=Smp_072950.1
SM_V9_1 Liftoff exon    35260293        35260439        .       +
        .       Parent=Smp_072950.1
SM_V9_1 Liftoff exon    35261194        35261589        .       +
        .       Parent=Smp_072950.1
SM_V9_1 Liftoff CDS     35258308        35258434        .       +
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SM_V9_1 Liftoff CDS     35258471        35258577        .       +
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        2       Parent=Smp_072950.1
SM_V9_1 Liftoff CDS     35260156        35260260        .       +
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SM_V9_1 Liftoff CDS     35260293        35260439        .       +
        0       Parent=Smp_072950.1
SM_V9_1 Liftoff CDS     35261194        35261343        .       +
        0       Parent=Smp_072950.1
SM_V9_1 iris    gene    35278326        35290081        .       -
        .
ID=Smp_200800;geneID=Smp_200800;gene_name=Smp_200800;owner=irisadmin
@local.host;date_last_modified=2022-08-26;date_creation=2022-08-26
SM_V9_1 iris    mRNA    35278326        35290081        .       -
        .
ID=Smp_200800.1;Parent=Smp_200800;geneID=Smp_200800;gene_name=Smp_20
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ied=2022-08-26;Name=Smp_200800.1;product=npp-41;date_creation=2022-0
8-26
SM_V9_1 iris    exon    35278326        35278612        .       -
        .       Parent=Smp_200800.1;Name=dfbb42de-b758-421f-a3b9-
be175de87c63
SM_V9_1 iris    exon    35289717        35289814        .       -
        .       Parent=Smp_200800.1;Name=968daf28-7615-44f2-
a892-9dc7c4875715
SM_V9_1 iris    exon    35289920        35290081        .       -
        .       Parent=Smp_200800.1;Name=ec41c15b-c9b9-43e0-a782-
d7032f80468d
SM_V9_1 iris    CDS     35278493        35278612        .       -
        0       Parent=Smp_200800.1
SM_V9_1 iris    CDS     35289717        35289814        .       -
        2       Parent=Smp_200800.1
SM_V9_1 iris    CDS     35289920        35290010        .       -
        0       Parent=Smp_200800.1
SM_V9_1 iris    gene    35312240        35323330        .       +
        .
ID=Smp_068170;geneID=Smp_068170;gene_name=Smp_068170;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    35312240        35323330        .       +
        .
ID=Smp_068170.1;Parent=Smp_068170;geneID=Smp_068170;gene_name=Smp_06
8170;owner=irisadmin@local.host;orig_id=Smp_068170.1;date_last_modif
ied=2022-08-29;Name=Smp_068170.1;product=[Pyruvate dehydrogenase
(acetyl-transferring)] kinase,
mitochondrial;date_creation=2022-08-29
SM_V9_1 iris    exon    35312240        35312587        .       +
        .       Parent=Smp_068170.1;Name=d95a061d-149a-4447-af7f-
af58e892bb2a
SM_V9_1 iris    exon    35312624        35312756        .       +
        .
Parent=Smp_068170.1;Name=b8f651e9-7c40-499c-8e7c-95dfc20502ab
SM_V9_1 iris    exon    35312801        35312921        .       +
        .       Parent=Smp_068170.1;Name=f53fc730-b1e8-4f40-
ba8c-91020b48fcd9
SM_V9_1 iris    exon    35313252        35313416        .       +
        .       Parent=Smp_068170.1;Name=7600695a-6bd5-48b6-bf82-
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a8ba8cf0edeb
SM_V9_1 iris    exon    35318536        35318606        .       +
        .       Parent=Smp_068170.1;Name=1e8b9cb9-
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SM_V9_1 iris    exon    35319953        35320051        .       +
        .       Parent=Smp_068170.1;Name=c867f6cf-1202-4f70-8f89-
d193609d7676
SM_V9_1 iris    exon    35322111        35322695        .       +
        .       Parent=Smp_068170.1;Name=30a4f989-2a40-4e69-b9bc-
f01475e9ede0
SM_V9_1 iris    exon    35322943        35323330        .       +
        .       Parent=Smp_068170.1;Name=1623fa76-5707-4af6-
bb3d-235378fc7b4a
SM_V9_1 iris    CDS     35312337        35312587        .       +
        0       Parent=Smp_068170.1
SM_V9_1 iris    CDS     35312624        35312756        .       +
        1       Parent=Smp_068170.1
SM_V9_1 iris    CDS     35312801        35312921        .       +
        0       Parent=Smp_068170.1
SM_V9_1 iris    CDS     35313252        35313416        .       +
        2       Parent=Smp_068170.1
SM_V9_1 iris    CDS     35318536        35318606        .       +
        2       Parent=Smp_068170.1
SM_V9_1 iris    CDS     35319953        35320051        .       +
        0       Parent=Smp_068170.1
SM_V9_1 iris    CDS     35322111        35322509        .       +
        0       Parent=Smp_068170.1
SM_V9_1 iris    gene    35357570        35397300        .       +
        .
ID=Smp_125730;geneID=Smp_125730;gene_name=Smp_125730;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35357570        35397300        .       +
        .
ID=Smp_125730.1;Parent=Smp_125730;geneID=Smp_125730;gene_name=Smp_12
5730;owner=irisadmin@local.host;orig_id=Smp_125730.1;date_last_modif
ied=2022-08-02;Name=Smp_125730.1;product=Hypothetical
protein;date_creation=2022-07-27
SM_V9_1 iris    exon    35357570        35357976        .       +
        .       Parent=Smp_125730.1;Name=3e7691a0-6bc0-4ba3-
aa32-4954d717ca5b
SM_V9_1 iris    exon    35373127        35373157        .       +
        .       Parent=Smp_125730.1;Name=e61d0ebf-17ef-433a-
b105-0bcf7e0d1015
SM_V9_1 iris    exon    35380131        35380178        .       +
        .
Parent=Smp_125730.1;Name=399891ef-0663-4415-8032-341757e7daf9
SM_V9_1 iris    exon    35384396        35384835        .       +
        .       Parent=Smp_125730.1;Name=ef89bab3-8f57-4a83-8601-
b10b1985287f
SM_V9_1 iris    exon    35387267        35387428        .       +
        .       Parent=Smp_125730.1;Name=27a109de-f2ef-4888-99e1-
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SM_V9_1 iris    exon    35391757        35391921        .       +
        .       Parent=Smp_125730.1;Name=352e1af0-5ec8-4d6a-
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b95c-7addd3bbe4d3
SM_V9_1 iris    exon    35394013        35394201        .       +
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SM_V9_1 iris    exon    35395378        35395527        .       +
        .       Parent=Smp_125730.1;Name=f611c520-076e-453d-b042-
d8eded15c26c
SM_V9_1 iris    exon    35396735        35397300        .       +
        .       Parent=Smp_125730.1;Name=a176493c-9984-46c8-
b628-9f92704d8789
SM_V9_1 iris    CDS     35357950        35357976        .       +
        0       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35373127        35373157        .       +
        0       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35380131        35380178        .       +
        2       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35384396        35384835        .       +
        2       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35387267        35387428        .       +
        0       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35391757        35391921        .       +
        0       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35394013        35394201        .       +
        0       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35395378        35395527        .       +
        0       Parent=Smp_125730.1
SM_V9_1 iris    CDS     35396735        35396860        .       +
        0       Parent=Smp_125730.1
SM_V9_1 iris    mRNA    35357581        35380506        .       +
        .
ID=Smp_125730.2;Parent=Smp_125730;geneID=Smp_125730;gene_name=Smp_12
5730;owner=irisadmin@local.host;orig_id=Smp_125730.2;date_last_modif
ied=2022-08-02;Name=Smp_125730.2;product=Protein-methionine
sulfoxide oxidase mical3a;date_creation=2022-07-27
SM_V9_1 iris    exon    35357581        35357976        .       +
        .       Parent=Smp_125730.2;Name=352a21d9-ef7b-44a2-af64-
f02ed96303fb
SM_V9_1 iris    exon    35373127        35373157        .       +
        .       Parent=Smp_125730.2;Name=9c22e537-6026-44ea-
be44-11f648fcc69f
SM_V9_1 iris    exon    35376022        35376566        .       +
        .       Parent=Smp_125730.2;Name=dcd5a73a-07f2-4524-
a0f2-05d9aae1d892
SM_V9_1 iris    exon    35378206        35378357        .       +
        .       Parent=Smp_125730.2;Name=5bfb62a9-fdc9-4172-
b0a1-9143e842d077
SM_V9_1 iris    exon    35379463        35380506        .       +
        .       Parent=Smp_125730.2;Name=8e0bbd28-f5ab-4d97-8752-
c405a572335f
SM_V9_1 iris    CDS     35357950        35357976        .       +
        0       Parent=Smp_125730.2
SM_V9_1 iris    CDS     35373127        35373157        .       +
        0       Parent=Smp_125730.2
SM_V9_1 iris    CDS     35376022        35376566        .       +
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        2       Parent=Smp_125730.2
SM_V9_1 iris    CDS     35378206        35378357        .       +
        0       Parent=Smp_125730.2
SM_V9_1 iris    CDS     35379463        35379547        .       +
        1       Parent=Smp_125730.2
SM_V9_1 iris    gene    35399997        35410574        .       -
        .
ID=Smp_006550;geneID=Smp_006550;gene_name=Smp_006550;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    35399997        35410574        .       -
        .
ID=Smp_006550.1;Parent=Smp_006550;geneID=Smp_006550;gene_name=Smp_00
6550;owner=irisadmin@local.host;orig_id=Smp_006550.1;date_last_modif
ied=2022-08-02;Name=Smp_006550.1;product=Glutaredoxin-3;date_creatio
n=2022-08-02
SM_V9_1 iris    exon    35399997        35400208        .       -
        .       Parent=Smp_006550.1;Name=7dd801a7-aba7-4986-b9af-
c20530c54b66
SM_V9_1 iris    exon    35401670        35401943        .       -
        .
Parent=Smp_006550.1;Name=5df4b0af-3d01-4687-9b00-624388e37293
SM_V9_1 iris    exon    35408693        35408767        .       -
        .       Parent=Smp_006550.1;Name=3552097c-bf73-43a0-
b146-36af55f2432e
SM_V9_1 iris    exon    35409072        35409183        .       -
        .       Parent=Smp_006550.1;Name=7f2210d0-62e9-4e29-ad55-
c7077158ecee
SM_V9_1 iris    exon    35409219        35409315        .       -
        .       Parent=Smp_006550.1;Name=60bdc6f6-dd14-4813-
a69d-387e2c383925
SM_V9_1 iris    exon    35410520        35410574        .       -
        .       Parent=Smp_006550.1;Name=80f17082-
f5b7-4577-8115-5e8f88c16bfb
SM_V9_1 iris    CDS     35400078        35400208        .       -
        2       Parent=Smp_006550.1
SM_V9_1 iris    CDS     35401670        35401943        .       -
        0       Parent=Smp_006550.1
SM_V9_1 iris    CDS     35408693        35408767        .       -
        0       Parent=Smp_006550.1
SM_V9_1 iris    CDS     35409072        35409183        .       -
        1       Parent=Smp_006550.1
SM_V9_1 iris    CDS     35409219        35409277        .       -
        0       Parent=Smp_006550.1
SM_V9_1 iris    gene    35414600        35425980        .       +
        .
ID=Smp_125740;geneID=Smp_125740;gene_name=Smp_125740;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35414600        35425980        .       +
        .
ID=Smp_125740.1;Parent=Smp_125740;geneID=Smp_125740;gene_name=Smp_12
5740;owner=irisadmin@local.host;orig_id=Smp_125740.1;date_last_modif
ied=2022-08-02;Name=Smp_125740.1;product=E3 ubiquitin-protein ligase
MARCH2;date_creation=2022-07-27
SM_V9_1 iris    exon    35414600        35414773        .       +
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        .       Parent=Smp_125740.1;Name=225bf249-4c54-4106-
b799-98a7ecbdb49e
SM_V9_1 iris    exon    35414820        35414902        .       +
        .       Parent=Smp_125740.1;Name=5bbeb351-03ca-40a8-8514-
ff66197442b6
SM_V9_1 iris    exon    35414939        35415067        .       +
        .       Parent=Smp_125740.1;Name=31095eaf-159d-494f-98c4-
e15474d1a791
SM_V9_1 iris    exon    35417352        35417579        .       +
        .       Parent=Smp_125740.1;Name=537f846d-56e8-45a2-
a392-04d4fb70981d
SM_V9_1 iris    exon    35420439        35420657        .       +
        .       Parent=Smp_125740.1;Name=729fe3de-
d365-4d56-9a23-5201fa3cefed
SM_V9_1 iris    exon    35425105        35425980        .       +
        .       Parent=Smp_125740.1;Name=8e1974e5-fa5e-4540-
ad93-07371051b703
SM_V9_1 iris    CDS     35417361        35417579        .       +
        0       Parent=Smp_125740.1
SM_V9_1 iris    CDS     35420439        35420657        .       +
        0       Parent=Smp_125740.1
SM_V9_1 iris    CDS     35425105        35425410        .       +
        0       Parent=Smp_125740.1
SM_V9_1 Liftoff gene    35463431        35464409        .       -
        .       ID=Smp_006560;geneID=Smp_006560
SM_V9_1 Liftoff mRNA    35463431        35464409        .       -
        .
ID=Smp_006560.1;Parent=Smp_006560;geneID=Smp_006560;product=Thiosulf
ate sulfurtransferase/rhodanese-like domain-containing protein
3;polypeptide_domain=InterPro:IPR001763 Pfam:PF00581
SM_V9_1 Liftoff exon    35463431        35463792        .       -
        .       Parent=Smp_006560.1
SM_V9_1 Liftoff exon    35463827        35463989        .       -
        .       Parent=Smp_006560.1
SM_V9_1 Liftoff exon    35464022        35464409        .       -
        .       Parent=Smp_006560.1
SM_V9_1 Liftoff CDS     35463738        35463792        .       -
        1       Parent=Smp_006560.1
SM_V9_1 Liftoff CDS     35463827        35463989        .       -
        2       Parent=Smp_006560.1
SM_V9_1 Liftoff CDS     35464022        35464352        .       -
        0       Parent=Smp_006560.1
SM_V9_1 Liftoff gene    35484163        35506414        .       +
        .       ID=Smp_188580;geneID=Smp_188580
SM_V9_1 Liftoff mRNA    35484163        35506414        .       +
        .
ID=Smp_188580.1;Parent=Smp_188580;geneID=Smp_188580;product=npp-23;e
vidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_1 Liftoff exon    35484163        35499978        .       +
        .       Parent=Smp_188580.1
SM_V9_1 Liftoff exon    35506077        35506414        .       +
        .       Parent=Smp_188580.1
SM_V9_1 Liftoff CDS     35499885        35499978        .       +
        0       Parent=Smp_188580.1
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SM_V9_1 Liftoff CDS     35506077        35506267        .       +
        2       Parent=Smp_188580.1
SM_V9_1 iris    gene    35528344        35550700        .       +
        .
ID=Smp_125760;geneID=Smp_125760;gene_name=Smp_125760;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    35528344        35550700        .       +
        .
ID=Smp_125760.1;Parent=Smp_125760;geneID=Smp_125760;gene_name=Smp_12
5760;owner=irisadmin@local.host;orig_id=Smp_125760.1;date_last_modif
ied=2022-08-02;Name=Smp_125760.1;product=Denticleless protein
homolog;date_creation=2022-08-02
SM_V9_1 iris    exon    35528344        35528458        .       +
        .       Parent=Smp_125760.1;Name=663f8e31-
accf-40d1-9b19-62ef2cdc5c8a
SM_V9_1 iris    exon    35528494        35528576        .       +
        .
Parent=Smp_125760.1;Name=c55cebc6-236e-4901-959e-0294baa4b3b5
SM_V9_1 iris    exon    35528610        35528643        .       +
        .       Parent=Smp_125760.1;Name=a8d3cc0c-060f-4ec0-
aafa-042862ee66f2
SM_V9_1 iris    exon    35528675        35528764        .       +
        .       Parent=Smp_125760.1;Name=76594fd1-ff7e-4360-abd8-
e8c8a5d7496e
SM_V9_1 iris    exon    35530588        35530770        .       +
        .       Parent=Smp_125760.1;Name=c2681988-
c254-4874-95cf-714384b6c66f
SM_V9_1 iris    exon    35532253        35532333        .       +
        .       Parent=Smp_125760.1;Name=48271846-ceee-4ee6-
bee2-0d1bbd803bdb
SM_V9_1 iris    exon    35532905        35533014        .       +
        .
Parent=Smp_125760.1;Name=31daf4c3-4c10-4cd0-9c69-5f91b9a39d39
SM_V9_1 iris    exon    35540295        35540368        .       +
        .       Parent=Smp_125760.1;Name=03d91192-58fb-452e-
b3ef-803c97a64d55
SM_V9_1 iris    exon    35541364        35541470        .       +
        .
Parent=Smp_125760.1;Name=cb756d09-0ba8-496d-9795-41cca28f50af
SM_V9_1 iris    exon    35543658        35543762        .       +
        .       Parent=Smp_125760.1;Name=1de547fb-c580-410a-8365-
fd0d969f4301
SM_V9_1 iris    exon    35545126        35545419        .       +
        .       Parent=Smp_125760.1;Name=fadc6973-80b5-42e5-8f06-
c7256f78c0e1
SM_V9_1 iris    exon    35546460        35547005        .       +
        .       Parent=Smp_125760.1;Name=edb4563e-
f32c-493a-8df1-24fc6cfec0ea
SM_V9_1 iris    exon    35547999        35548216        .       +
        .
Parent=Smp_125760.1;Name=2cca9c51-36f4-4ad6-94ca-64efcb035b81
SM_V9_1 iris    exon    35549052        35549273        .       +
        .       Parent=Smp_125760.1;Name=db35e10a-9152-43c3-89fd-
dbbc7ea39317
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SM_V9_1 iris    exon    35550100        35550700        .       +
        .       Parent=Smp_125760.1;Name=5113ae2a-9d45-425d-
adcb-60d25f4b680d
SM_V9_1 iris    CDS     35528395        35528458        .       +
        0       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35528494        35528576        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35528610        35528643        .       +
        0       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35528675        35528764        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35530588        35530770        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35532253        35532333        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35532905        35533014        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35540295        35540368        .       +
        0       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35541364        35541470        .       +
        1       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35543658        35543762        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35545126        35545419        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35546460        35547005        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35547999        35548216        .       +
        2       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35549052        35549273        .       +
        0       Parent=Smp_125760.1
SM_V9_1 iris    CDS     35550100        35550180        .       +
        0       Parent=Smp_125760.1
SM_V9_1 iris    gene    35560623        35577708        .       +
        .
ID=Smp_125770;geneID=Smp_125770;gene_name=Smp_125770;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    35560623        35577708        .       +
        .
ID=Smp_125770.1;Parent=Smp_125770;geneID=Smp_125770;gene_name=Smp_12
5770;owner=irisadmin@local.host;orig_id=Smp_125770.1;date_last_modif
ied=2022-08-02;Name=Smp_125770.1;product=Large proline-rich protein
BAG6;date_creation=2022-08-02
SM_V9_1 iris    exon    35560623        35560772        .       +
        .       Parent=Smp_125770.1;Name=10f11e64-e48b-4ab3-b71a-
fae46308e138
SM_V9_1 iris    exon    35560807        35560851        .       +
        .
Parent=Smp_125770.1;Name=d9378124-2488-46d1-89e7-02700d1b8d60
SM_V9_1 iris    exon    35560886        35560961        .       +
        .       Parent=Smp_125770.1;Name=14f81e7d-980a-448a-8219-
bd9f1f95b9e6
SM_V9_1 iris    exon    35563287        35563500        .       +
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Parent=Smp_125770.1;Name=97e3b885-9618-4241-856c-2d27bdb0f189
SM_V9_1 iris    exon    35566052        35566317        .       +
        .       Parent=Smp_125770.1;Name=3c0eed80-7e49-4f3d-9f92-
cd4ffcc1f141
SM_V9_1 iris    exon    35567966        35568360        .       +
        .       Parent=Smp_125770.1;Name=52afcd75-2e3b-4c27-
b81f-20be399d1162
SM_V9_1 iris    exon    35569123        35569547        .       +
        .       Parent=Smp_125770.1;Name=72da911c-
d734-408c-88e7-9acceb3eee38
SM_V9_1 iris    exon    35569906        35569964        .       +
        .       Parent=Smp_125770.1;Name=5133ed31-7716-4744-
bfc5-5a1e566e08f5
SM_V9_1 iris    exon    35570100        35570665        .       +
        .       Parent=Smp_125770.1;Name=20c344b2-c217-42cd-
aa93-3210710ec695
SM_V9_1 iris    exon    35571092        35571398        .       +
        .
Parent=Smp_125770.1;Name=d83915a5-392c-4a2c-9620-640ced4addec
SM_V9_1 iris    exon    35572370        35572528        .       +
        .       Parent=Smp_125770.1;Name=3d02fe19-0c64-4174-a2df-
b444548763a3
SM_V9_1 iris    exon    35572655        35573025        .       +
        .       Parent=Smp_125770.1;Name=f86bc123-9d3e-4510-
b07b-451d72d56790
SM_V9_1 iris    exon    35574191        35574467        .       +
        .
Parent=Smp_125770.1;Name=d5b2f0d5-283d-421d-86e9-9f6573dbc83b
SM_V9_1 iris    exon    35575292        35575461        .       +
        .       Parent=Smp_125770.1;Name=96c8d8f4-6735-4cfc-8db5-
f97cfe93ad06
SM_V9_1 iris    exon    35575657        35576106        .       +
        .       Parent=Smp_125770.1;Name=187abb55-3458-43f4-
bcd8-6a2f2382b126
SM_V9_1 iris    exon    35577105        35577708        .       +
        .       Parent=Smp_125770.1;Name=8b8ab87e-
c8a0-4e07-8712-63bb737f772e
SM_V9_1 iris    CDS     35560710        35560772        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35560807        35560851        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35560886        35560961        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35563287        35563500        .       +
        2       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35566052        35566317        .       +
        1       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35567966        35568360        .       +
        2       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35569123        35569547        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35569906        35569964        .       +
        1       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35570100        35570665        .       +
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        2       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35571092        35571398        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35572370        35572528        .       +
        2       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35572655        35573025        .       +
        2       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35574191        35574467        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35575292        35575461        .       +
        2       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35575657        35576106        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    CDS     35577105        35577419        .       +
        0       Parent=Smp_125770.1
SM_V9_1 iris    gene    35577714        35596159        .       -
        .
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SM_V9_1 iris    mRNA    35577714        35596159        .       -
        .
ID=Smp_125780.1;Parent=Smp_125780;geneID=Smp_125780;gene_name=Smp_12
5780;owner=irisadmin@local.host;orig_id=Smp_125780.1;date_last_modif
ied=2022-08-02;Name=Smp_125780.1;product=phosphatidylserine synthase
2;date_creation=2022-07-27
SM_V9_1 iris    exon    35577714        35578127        .       -
        .       Parent=Smp_125780.1;Name=5683d792-b9a8-4ba4-
bd2f-1c7917a8a4bf
SM_V9_1 iris    exon    35579244        35579389        .       -
        .       Parent=Smp_125780.1;Name=85ba5703-4d7e-4b19-
bfae-38cd2a6ec4bc
SM_V9_1 iris    exon    35579965        35580079        .       -
        .       Parent=Smp_125780.1;Name=1a82d804-fc3b-430c-
aa89-03c9138195a8
SM_V9_1 iris    exon    35581501        35581619        .       -
        .       Parent=Smp_125780.1;Name=25af2f81-02c7-481e-aca2-
edc6923740d3
SM_V9_1 iris    exon    35584268        35584432        .       -
        .
Parent=Smp_125780.1;Name=5e7ccc77-7248-4f78-91b2-5e99d34ff3b9
SM_V9_1 iris    exon    35589680        35589814        .       -
        .       Parent=Smp_125780.1;Name=1da415e2-7627-4057-b68f-
d596638a37cf
SM_V9_1 iris    exon    35591654        35591721        .       -
        .       Parent=Smp_125780.1;Name=70ee1e59-ebcf-44af-
be76-546f77dae526
SM_V9_1 iris    exon    35595687        35595769        .       -
        .       Parent=Smp_125780.1;Name=07821077-68d7-4ff6-
b3a3-0622640647a3
SM_V9_1 iris    exon    35595805        35595906        .       -
        .
Parent=Smp_125780.1;Name=e5b71987-9e4b-4c98-8db5-19391c124308
SM_V9_1 iris    exon    35595945        35596159        .       -
        .       Parent=Smp_125780.1;Name=a5dbeef4-3cc5-4a1c-afab-
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b6d16969d166
SM_V9_1 iris    CDS     35577797        35578127        .       -
        1       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35579244        35579389        .       -
        0       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35579965        35580079        .       -
        1       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35581501        35581619        .       -
        0       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35584268        35584432        .       -
        0       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35589680        35589814        .       -
        0       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35591654        35591721        .       -
        2       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35595687        35595769        .       -
        1       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35595805        35595906        .       -
        1       Parent=Smp_125780.1
SM_V9_1 iris    CDS     35595945        35596123        .       -
        0       Parent=Smp_125780.1
SM_V9_1 iris    gene    35608107        35616841        .       +
        .
ID=Smp_006590;geneID=Smp_006590;gene_name=Smp_006590;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35608107        35616841        .       +
        .
ID=Smp_006590.1;Parent=Smp_006590;geneID=Smp_006590;gene_name=Smp_00
6590;owner=irisadmin@local.host;orig_id=Smp_006590.3;date_last_modif
ied=2022-08-02;Name=Smp_006590.1;product=Zinc finger HIT domain-
containing protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    35608107        35608179        .       +
        .       Parent=Smp_006590.1;Name=91b38e4c-2751-404f-9b5d-
cc5e32cf6978
SM_V9_1 iris    exon    35610239        35610612        .       +
        .       Parent=Smp_006590.1;Name=f23be448-20c3-4fcc-ab29-
d25c211eb334
SM_V9_1 iris    exon    35614594        35614908        .       +
        .       Parent=Smp_006590.1;Name=ec164820-
a930-4d43-8051-3cc03793d725
SM_V9_1 iris    exon    35615962        35616841        .       +
        .       Parent=Smp_006590.1;Name=5d8719b2-99a1-49b5-aa87-
c8122a82c8c8
SM_V9_1 iris    CDS     35608123        35608179        .       +
        0       Parent=Smp_006590.1
SM_V9_1 iris    CDS     35610239        35610612        .       +
        0       Parent=Smp_006590.1
SM_V9_1 iris    CDS     35614594        35614908        .       +
        1       Parent=Smp_006590.1
SM_V9_1 iris    CDS     35615962        35616670        .       +
        1       Parent=Smp_006590.1
SM_V9_1 iris    gene    35618564        35648281        .       -
        .
ID=Smp_125790;geneID=Smp_125790;gene_name=Smp_125790;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35618564        35648281        .       -
        .
ID=Smp_125790.1;Parent=Smp_125790;geneID=Smp_125790;gene_name=Smp_12
5790;owner=irisadmin@local.host;orig_id=Smp_125790.3;date_last_modif
ied=2022-08-02;Name=Smp_125790.1;product=Actin-related protein
5;date_creation=2022-07-27
SM_V9_1 iris    exon    35618564        35619039        .       -
        .       Parent=Smp_125790.1;Name=34fce145-939b-45d4-8e75-
dbce459d8d6e
SM_V9_1 iris    exon    35619954        35620204        .       -
        .       Parent=Smp_125790.1;Name=09c9616b-fa03-482f-9195-
e4639b9b2d91
SM_V9_1 iris    exon    35621424        35621498        .       -
        .
Parent=Smp_125790.1;Name=fe0abc62-7d0a-42a9-80fb-7184b455f291
SM_V9_1 iris    exon    35627966        35628288        .       -
        .
Parent=Smp_125790.1;Name=cefb93e2-7090-440a-92a0-99e601fa9b83
SM_V9_1 iris    exon    35629501        35629711        .       -
        .
Parent=Smp_125790.1;Name=0a893433-9e11-4c26-8e44-51f7065a4e65
SM_V9_1 iris    exon    35632548        35632783        .       -
        .       Parent=Smp_125790.1;Name=e06dfa9d-dd71-42d9-a0a9-
e36391f033ee
SM_V9_1 iris    exon    35633868        35633918        .       -
        .       Parent=Smp_125790.1;Name=d803da7d-5d62-4f80-ada4-
b932fb7e988c
SM_V9_1 iris    exon    35638266        35638706        .       -
        .       Parent=Smp_125790.1;Name=3aaf8f2a-
c347-490e-8c6c-63260705f659
SM_V9_1 iris    exon    35641656        35641736        .       -
        .       Parent=Smp_125790.1;Name=d2c63e47-cf64-4d04-9a55-
f15343200f9d
SM_V9_1 iris    exon    35644129        35644221        .       -
        .       Parent=Smp_125790.1;Name=9b086978-d15f-4430-
a1ad-560f44ca29b7
SM_V9_1 iris    exon    35645363        35645479        .       -
        .       Parent=Smp_125790.1;Name=e09e891b-a82b-4a05-9118-
bdac0d105e35
SM_V9_1 iris    exon    35646340        35646563        .       -
        .       Parent=Smp_125790.1;Name=6923a342-
fbb9-4996-860a-406c24f3d7ed
SM_V9_1 iris    exon    35647596        35647697        .       -
        .
Parent=Smp_125790.1;Name=fb597fda-3679-4343-9c40-33f392701b7a
SM_V9_1 iris    exon    35647730        35647934        .       -
        .
Parent=Smp_125790.1;Name=77201234-0dc8-4a7f-9db4-390538b340ff
SM_V9_1 iris    exon    35647968        35648056        .       -
        .       Parent=Smp_125790.1;Name=e65e4fda-58df-48c8-aaaa-
a128654276d7
SM_V9_1 iris    exon    35648106        35648281        .       -
        .       Parent=Smp_125790.1;Name=aa6c865e-a270-4e60-8b5b-
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ddf9c299e1d2
SM_V9_1 iris    CDS     35618882        35619039        .       -
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SM_V9_1 iris    CDS     35619954        35620204        .       -
        1       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35621424        35621498        .       -
        1       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35627966        35628288        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35629501        35629711        .       -
        1       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35632548        35632783        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35633868        35633918        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35638266        35638706        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35641656        35641736        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35644129        35644221        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35645363        35645479        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35646340        35646563        .       -
        2       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35647596        35647697        .       -
        2       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35647730        35647934        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35647968        35648056        .       -
        2       Parent=Smp_125790.1
SM_V9_1 iris    CDS     35648106        35648202        .       -
        0       Parent=Smp_125790.1
SM_V9_1 iris    gene    35687375        35704083        .       +
        .
ID=Smp_006630;geneID=Smp_006630;gene_name=Smp_006630;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35687375        35704083        .       +
        .
ID=Smp_006630.1;Parent=Smp_006630;geneID=Smp_006630;gene_name=Smp_00
6630;owner=irisadmin@local.host;orig_id=Smp_006630.1;date_last_modif
ied=2022-08-02;Name=Smp_006630.1;product=Myb-binding protein
1A;date_creation=2022-07-27
SM_V9_1 iris    exon    35687375        35687694        .       +
        .       Parent=Smp_006630.1;Name=11635f76-5fbb-4589-
bbdd-329456f03f00
SM_V9_1 iris    exon    35687727        35687921        .       +
        .
Parent=Smp_006630.1;Name=2b262506-7c42-4c93-9d97-9be7ae74dc9f
SM_V9_1 iris    exon    35687957        35688028        .       +
        .       Parent=Smp_006630.1;Name=34a52981-d65e-4b27-
a2ac-5e684ae7db31
SM_V9_1 iris    exon    35688059        35688166        .       +
        .       Parent=Smp_006630.1;Name=825d094f-53f3-436a-
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aaf2-6bf0efc5d9be
SM_V9_1 iris    exon    35688202        35688330        .       +
        .       Parent=Smp_006630.1;Name=464762b9-6a83-4300-b9af-
a97d4233ed71
SM_V9_1 iris    exon    35688364        35688444        .       +
        .
Parent=Smp_006630.1;Name=7f2bf0b5-50a2-45ba-82ea-4396744b1668
SM_V9_1 iris    exon    35688479        35688563        .       +
        .       Parent=Smp_006630.1;Name=f51d72cf-9f80-41d3-a520-
e5e3b1b032a4
SM_V9_1 iris    exon    35690057        35690400        .       +
        .       Parent=Smp_006630.1;Name=e9acecb2-4f29-48c9-8142-
e08244663dd8
SM_V9_1 iris    exon    35691595        35692282        .       +
        .       Parent=Smp_006630.1;Name=1a13ee0d-dd5d-463a-bddf-
a8358d1e3763
SM_V9_1 iris    exon    35693890        35694357        .       +
        .
Parent=Smp_006630.1;Name=fdc610e2-03e2-4dc7-8c82-70d3d4722df0
SM_V9_1 iris    exon    35695871        35696135        .       +
        .       Parent=Smp_006630.1;Name=edc5a6fc-b15d-4f17-
bebc-6e9c1b2548bd
SM_V9_1 iris    exon    35696884        35696941        .       +
        .
Parent=Smp_006630.1;Name=a1e137e8-587e-4bc6-90b8-2ee451cfe5d2
SM_V9_1 iris    exon    35697614        35697905        .       +
        .       Parent=Smp_006630.1;Name=371ddf2c-1311-4fa3-
be4c-0f6b3c9ed81e
SM_V9_1 iris    exon    35698463        35698515        .       +
        .       Parent=Smp_006630.1;Name=2287e757-
f57d-401b-987c-1edd5abef322
SM_V9_1 iris    exon    35698625        35698768        .       +
        .       Parent=Smp_006630.1;Name=16929956-
bf17-4561-868c-7c4990d0fd1f
SM_V9_1 iris    exon    35700429        35700785        .       +
        .       Parent=Smp_006630.1;Name=cfada659-e6c9-4086-82d1-
f99cd5522325
SM_V9_1 iris    exon    35702856        35702971        .       +
        .       Parent=Smp_006630.1;Name=c8d67097-4de1-4c6a-ae01-
fe5e2c6b046e
SM_V9_1 iris    exon    35703715        35704083        .       +
        .       Parent=Smp_006630.1;Name=c028e6d6-9e4b-440f-
b46a-5e7791db9068
SM_V9_1 iris    CDS     35687491        35687694        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35687727        35687921        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35687957        35688028        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35688059        35688166        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35688202        35688330        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35688364        35688444        .       +
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        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35688479        35688563        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35690057        35690400        .       +
        2       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35691595        35692282        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35693890        35694357        .       +
        2       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35695871        35696135        .       +
        2       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35696884        35696941        .       +
        1       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35697614        35697905        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35698463        35698515        .       +
        2       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35698625        35698768        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35700429        35700785        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35702856        35702971        .       +
        0       Parent=Smp_006630.1
SM_V9_1 iris    CDS     35703715        35704021        .       +
        1       Parent=Smp_006630.1
SM_V9_1 iris    gene    35706358        35720506        .       -
        .
ID=Smp_125800;geneID=Smp_125800;gene_name=Smp_125800;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35706358        35720506        .       -
        .
ID=Smp_125800.1;Parent=Smp_125800;geneID=Smp_125800;gene_name=Smp_12
5800;owner=irisadmin@local.host;orig_id=Smp_125800.1;date_last_modif
ied=2022-08-02;Name=Smp_125800.1;product=26S proteasome non-ATPase
regulatory subunit 5;date_creation=2022-07-27
SM_V9_1 iris    exon    35706358        35706775        .       -
        .
Parent=Smp_125800.1;Name=ccb4b538-9973-44ac-9600-8823dbdb293a
SM_V9_1 iris    exon    35709890        35710227        .       -
        .       Parent=Smp_125800.1;Name=2cb11187-1fae-4993-
a572-42e2c6d1799c
SM_V9_1 iris    exon    35710955        35711152        .       -
        .       Parent=Smp_125800.1;Name=5fb28019-
fd58-40a8-96ca-18f7de668bb4
SM_V9_1 iris    exon    35712057        35712309        .       -
        .       Parent=Smp_125800.1;Name=91e21b5c-7aec-4349-92aa-
fba747b0c667
SM_V9_1 iris    exon    35712346        35712449        .       -
        .       Parent=Smp_125800.1;Name=1c1c12a9-5f18-41ee-
b304-6aeab5e1eeee
SM_V9_1 iris    exon    35712487        35712622        .       -
        .
Parent=Smp_125800.1;Name=7357e825-4466-4900-9006-5e3d449898ac
SM_V9_1 iris    exon    35712658        35712802        .       -
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        .       Parent=Smp_125800.1;Name=d4376ac6-01be-4498-93f9-
af14baaafea9
SM_V9_1 iris    exon    35712846        35713044        .       -
        .       Parent=Smp_125800.1;Name=275f191b-09e8-4e64-9e84-
e955358f369f
SM_V9_1 iris    exon    35720430        35720506        .       -
        .       Parent=Smp_125800.1;Name=5b6498ce-32c5-41f2-a14d-
cf42940c5091
SM_V9_1 iris    CDS     35706494        35706775        .       -
        0       Parent=Smp_125800.1
SM_V9_1 iris    CDS     35709890        35710227        .       -
        2       Parent=Smp_125800.1
SM_V9_1 iris    CDS     35710955        35711152        .       -
        2       Parent=Smp_125800.1
SM_V9_1 iris    CDS     35712057        35712309        .       -
        0       Parent=Smp_125800.1
SM_V9_1 iris    CDS     35712346        35712449        .       -
        2       Parent=Smp_125800.1
SM_V9_1 iris    CDS     35712487        35712622        .       -
        0       Parent=Smp_125800.1
SM_V9_1 iris    CDS     35712658        35712802        .       -
        1       Parent=Smp_125800.1
SM_V9_1 iris    CDS     35712846        35713024        .       -
        0       Parent=Smp_125800.1
SM_V9_1 iris    gene    35731095        35778596        .       -
        .
ID=Smp_125810;geneID=Smp_125810;gene_name=Smp_125810;owner=irisadmin
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SM_V9_1 iris    mRNA    35731095        35778596        .       -
        .
ID=Smp_125810.1;Parent=Smp_125810;geneID=Smp_125810;gene_name=Smp_12
5810;owner=irisadmin@local.host;orig_id=Smp_125810.1;date_last_modif
ied=2022-09-05;Name=Smp_125810.1;product=Zinc finger protein
70;date_creation=2022-07-27
SM_V9_1 iris    exon    35731095        35731843        .       -
        .       Parent=Smp_125810.1;Name=da10c5c8-7a64-41b5-a397-
b20f44344a54
SM_V9_1 iris    exon    35733477        35733637        .       -
        .       Parent=Smp_125810.1;Name=85c324d0-41d5-41ad-
af94-1df66c2ae05f
SM_V9_1 iris    exon    35736938        35737166        .       -
        .       Parent=Smp_125810.1;Name=6fb6319b-0a79-42f8-
bd55-20bd8d0c254e
SM_V9_1 iris    exon    35744958        35745975        .       -
        .
Parent=Smp_125810.1;Name=eff3202c-1467-42c4-88cb-5b681744cf7a
SM_V9_1 iris    exon    35778310        35778596        .       -
        .       Parent=Smp_125810.1;Name=58e0b3c1-671c-45b7-89e3-
e642b2096e65
SM_V9_1 iris    CDS     35731555        35731843        .       -
        1       Parent=Smp_125810.1
SM_V9_1 iris    CDS     35733477        35733637        .       -
        0       Parent=Smp_125810.1
SM_V9_1 iris    CDS     35736938        35737166        .       -
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        1       Parent=Smp_125810.1
SM_V9_1 iris    CDS     35744958        35745975        .       -
        2       Parent=Smp_125810.1
SM_V9_1 iris    CDS     35778310        35778436        .       -
        0       Parent=Smp_125810.1
SM_V9_1 iris    gene    35800598        35841806        .       -
        .
ID=Smp_125820;geneID=Smp_125820;gene_name=Smp_125820;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35800598        35841806        .       -
        .
ID=Smp_125820.1;Parent=Smp_125820;geneID=Smp_125820;gene_name=Smp_12
5820;owner=irisadmin@local.host;orig_id=Smp_125820.2;date_last_modif
ied=2022-08-02;Name=Smp_125820.1;product=Glucose 1-dehydrogenase
2;date_creation=2022-07-27
SM_V9_1 iris    exon    35800598        35801439        .       -
        .       Parent=Smp_125820.1;Name=40c9fc1e-9455-4a83-
b25b-0048216f5863
SM_V9_1 iris    exon    35802195        35802310        .       -
        .
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SM_V9_1 iris    exon    35803081        35803116        .       -
        .       Parent=Smp_125820.1;Name=97fadc3c-3858-4219-
a5dd-67f7046f7a05
SM_V9_1 iris    exon    35807261        35807433        .       -
        .       Parent=Smp_125820.1;Name=2895469c-
d1a8-4c09-9b51-15cce7b03f50
SM_V9_1 iris    exon    35809061        35809133        .       -
        .       Parent=Smp_125820.1;Name=e34d30f9-e94c-4120-
b14a-2a780a033ec5
SM_V9_1 iris    exon    35819615        35820147        .       -
        .       Parent=Smp_125820.1;Name=26a08837-397f-47c1-abfe-
a6f86a599920
SM_V9_1 iris    exon    35827388        35827746        .       -
        .       Parent=Smp_125820.1;Name=242b69ca-e5b0-4715-ad4a-
f9df22d723db
SM_V9_1 iris    exon    35829397        35829831        .       -
        .       Parent=Smp_125820.1;Name=a8b4a6fd-34a6-47ee-
a0a6-65bb04c8252e
SM_V9_1 iris    exon    35831563        35832015        .       -
        .
Parent=Smp_125820.1;Name=0146c889-5621-4019-9cea-97c6873137b8
SM_V9_1 iris    exon    35841791        35841806        .       -
        .
Parent=Smp_125820.1;Name=dcdeeb20-3026-4780-9d0a-92017fca51b6
SM_V9_1 iris    CDS     35801266        35801439        .       -
        0       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35802195        35802310        .       -
        2       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35803081        35803116        .       -
        2       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35807261        35807433        .       -
        1       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35809061        35809133        .       -
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        2       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35819615        35820147        .       -
        1       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35827388        35827746        .       -
        0       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35829397        35829831        .       -
        0       Parent=Smp_125820.1
SM_V9_1 iris    CDS     35831563        35831814        .       -
        0       Parent=Smp_125820.1
SM_V9_1 iris    gene    35883161        35887185        .       -
        .
ID=Smp_006680;geneID=Smp_006680;gene_name=Smp_006680;owner=irisadmin
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SM_V9_1 iris    mRNA    35883161        35887185        .       -
        .
ID=Smp_006680.1;Parent=Smp_006680;geneID=Smp_006680;gene_name=Smp_00
6680;owner=irisadmin@local.host;orig_id=Smp_006680.1;date_last_modif
ied=2022-08-02;Name=Smp_006680.1;product=Programmed cell death
protein 10;date_creation=2022-07-27
SM_V9_1 iris    exon    35883161        35884088        .       -
        .       Parent=Smp_006680.1;Name=f70e3ff1-3388-4203-
afd5-07be091c6679
SM_V9_1 iris    exon    35886093        35886248        .       -
        .       Parent=Smp_006680.1;Name=083738d4-7497-4f73-a335-
dcee4c45869c
SM_V9_1 iris    exon    35886277        35886400        .       -
        .
Parent=Smp_006680.1;Name=943e7d95-8ed5-43b0-927c-350cd87f6406
SM_V9_1 iris    exon    35886438        35886561        .       -
        .       Parent=Smp_006680.1;Name=9ee7114f-864f-456f-
be66-53df8e504c07
SM_V9_1 iris    exon    35886627        35886680        .       -
        .       Parent=Smp_006680.1;Name=a5db8eff-b7f2-40cc-
b500-8dd53297217c
SM_V9_1 iris    exon    35886713        35886824        .       -
        .       Parent=Smp_006680.1;Name=30cd97e5-2de8-49ef-b921-
bb9dd385f617
SM_V9_1 iris    exon    35886872        35887185        .       -
        .       Parent=Smp_006680.1;Name=6295e84a-e9be-43d6-95f2-
ff8c1631c28d
SM_V9_1 iris    CDS     35884007        35884088        .       -
        1       Parent=Smp_006680.1
SM_V9_1 iris    CDS     35886093        35886248        .       -
        1       Parent=Smp_006680.1
SM_V9_1 iris    CDS     35886277        35886400        .       -
        2       Parent=Smp_006680.1
SM_V9_1 iris    CDS     35886438        35886561        .       -
        0       Parent=Smp_006680.1
SM_V9_1 iris    CDS     35886627        35886680        .       -
        0       Parent=Smp_006680.1
SM_V9_1 iris    CDS     35886713        35886790        .       -
        0       Parent=Smp_006680.1
SM_V9_1 iris    gene    35904960        35916613        .       +
        .
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ID=Smp_006690;geneID=Smp_006690;gene_name=Smp_006690;owner=irisadmin
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SM_V9_1 iris    mRNA    35904960        35916613        .       +
       .
ID=Smp_006690.1;Parent=Smp_006690;geneID=Smp_006690;gene_name=Smp_00
6690;owner=irisadmin@local.host;orig_id=Smp_006690.1;date_last_modif
ied=2022-08-02;Name=Smp_006690.1;product=DnaJ homolog subfamily C
member 17;date_creation=2022-07-27
SM_V9_1 iris    exon    35904960        35905284        .       +
       .       Parent=Smp_006690.1;Name=540a54d2-0a92-44c6-b0e7-
e99a5e30d5ae
SM_V9_1 iris    exon    35905318        35905376        .       +
       .       Parent=Smp_006690.1;Name=d6ebfe65-0f3c-4606-a96a-
e1fde1fc0767
SM_V9_1 iris    exon    35906781        35906868        .       +
       .
Parent=Smp_006690.1;Name=22ae897a-0601-4001-9e70-5a2786dfed97
SM_V9_1 iris    exon    35908893        35909104        .       +
       .       Parent=Smp_006690.1;Name=2e31cfd7-d60d-4bce-
bad2-1eb117874a40
SM_V9_1 iris    exon    35909915        35909992        .       +
       .       Parent=Smp_006690.1;Name=37384115-2dfb-41a7-8d4d-
ef09e2685b14
SM_V9_1 iris    exon    35911102        35911176        .       +
       .       Parent=Smp_006690.1;Name=4bbd0fd0-a15c-41ac-ba45-
b467b8df9aba
SM_V9_1 iris    exon    35914518        35914688        .       +
       .       Parent=Smp_006690.1;Name=3cc31d27-fa02-4277-
b190-07872fb10aa0
SM_V9_1 iris    exon    35916429        35916613        .       +
       .       Parent=Smp_006690.1;Name=bc0e90de-f282-4bc1-80d1-
bf75d3b14eee
SM_V9_1 iris    CDS     35905158        35905284        .       +
       0       Parent=Smp_006690.1
SM_V9_1 iris    CDS     35905318        35905376        .       +
       2       Parent=Smp_006690.1
SM_V9_1 iris    CDS     35906781        35906868        .       +
       0       Parent=Smp_006690.1
SM_V9_1 iris    CDS     35908893        35909104        .       +
       2       Parent=Smp_006690.1
SM_V9_1 iris    CDS     35909915        35909992        .       +
       0       Parent=Smp_006690.1
SM_V9_1 iris    CDS     35911102        35911176        .       +
       0       Parent=Smp_006690.1
SM_V9_1 iris    CDS     35914518        35914688        .       +
       0       Parent=Smp_006690.1
SM_V9_1 iris    CDS     35916429        35916488        .       +
       0       Parent=Smp_006690.1
SM_V9_1 iris    gene    35914901        35948736        .       -
       .
ID=Smp_006700;geneID=Smp_006700;gene_name=Smp_006700;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    35914901        35948736        .       -
       .
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ied=2022-08-02;Name=Smp_006700.1;product=Zinc finger protein
106;date_creation=2022-07-27
SM_V9_1 iris    exon    35914901        35916680        .       -
        .       Parent=Smp_006700.1;Name=4fc2791c-
b871-4ec8-92f4-20de40672502
SM_V9_1 iris    exon    35917571        35917738        .       -
        .
Parent=Smp_006700.1;Name=b7ec442d-4fce-470d-80fb-4086b66f81f0
SM_V9_1 iris    exon    35919061        35919135        .       -
        .
Parent=Smp_006700.1;Name=ec37ff79-90c3-4705-8d91-28ab2207d6ed
SM_V9_1 iris    exon    35919653        35919742        .       -
        .       Parent=Smp_006700.1;Name=e48d487f-de71-4fd0-b5b3-
a388aaf0a65b
SM_V9_1 iris    exon    35930137        35930250        .       -
        .       Parent=Smp_006700.1;Name=9ab2e431-60f5-451b-8198-
eb954e460cae
SM_V9_1 iris    exon    35931594        35931752        .       -
        .       Parent=Smp_006700.1;Name=f127ae20-0a76-492f-
adb1-80a7b9d7ccef
SM_V9_1 iris    exon    35932091        35932405        .       -
        .       Parent=Smp_006700.1;Name=857a030a-0ee8-44ea-8c1d-
b927bde4ecc0
SM_V9_1 iris    exon    35933172        35933297        .       -
        .       Parent=Smp_006700.1;Name=df4afeda-53a0-4637-
b1f3-5c93f770fe10
SM_V9_1 iris    exon    35939066        35939577        .       -
        .       Parent=Smp_006700.1;Name=86fec6e3-a74b-4799-a3d1-
e867964f9560
SM_V9_1 iris    exon    35939689        35940054        .       -
        .       Parent=Smp_006700.1;Name=d4c2417a-a814-49e8-a2ea-
eaedcf47924e
SM_V9_1 iris    exon    35940236        35940493        .       -
        .       Parent=Smp_006700.1;Name=d91f51c6-b40e-4b7b-bb1f-
d98f86d50555
SM_V9_1 iris    exon    35943155        35943206        .       -
        .       Parent=Smp_006700.1;Name=2cb01f4d-bfbc-40f0-bd1a-
c495991eded0
SM_V9_1 iris    exon    35944608        35945012        .       -
        .       Parent=Smp_006700.1;Name=4b1d22d5-1bb1-4d10-a7d9-
fb2e71fe572e
SM_V9_1 iris    exon    35945168        35945346        .       -
        .       Parent=Smp_006700.1;Name=fc5b9366-b779-4235-bdb0-
ce3f2e39d578
SM_V9_1 iris    exon    35947176        35947231        .       -
        .       Parent=Smp_006700.1;Name=ef156510-f80e-4e97-a4f9-
b61e4fea7a9b
SM_V9_1 iris    exon    35948401        35948523        .       -
        .       Parent=Smp_006700.1;Name=5c09b6fb-0203-4cbd-9830-
d4f7bc76bed5
SM_V9_1 iris    exon    35948556        35948632        .       -
        .       Parent=Smp_006700.1;Name=9febceca-1c73-47df-a92f-
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c3b9f1a232cc
SM_V9_1 iris    exon    35948670        35948736        .       -
        .       Parent=Smp_006700.1;Name=ff99a53b-
c933-4002-8951-4ad2568b4fc3
SM_V9_1 iris    CDS     35916642        35916680        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35917571        35917738        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35919061        35919135        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35919653        35919742        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35930137        35930250        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35931594        35931752        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35932091        35932405        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35933172        35933297        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35939066        35939577        .       -
        2       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35939689        35940054        .       -
        2       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35940236        35940493        .       -
        2       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35943155        35943206        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35944608        35945012        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35945168        35945346        .       -
        2       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35947176        35947231        .       -
        1       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35948401        35948523        .       -
        1       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35948556        35948632        .       -
        0       Parent=Smp_006700.1
SM_V9_1 iris    CDS     35948670        35948714        .       -
        0       Parent=Smp_006700.1
SM_V9_1 Liftoff gene    35967324        35971031        .       +
        .       ID=Smp_006710;geneID=Smp_006710
SM_V9_1 Liftoff mRNA    35967324        35971031        .       +
        .
ID=Smp_006710.1;Parent=Smp_006710;geneID=Smp_006710;product=Endonucl
ease III-like protein
1;polypeptide_domain=InterPro:IPR000445,IPR003265,IPR003651,IPR00403
6,IPR011257,IPR023170,IPR030841
Pfam:PF00633,PF00730;Ontology_term=GO:0003677,GO:0003824,GO:0003906,
GO:0005634,GO:0006281,GO:0006284,GO:0006285,GO:0019104,GO:0051539
SM_V9_1 Liftoff exon    35967324        35968686        .       +
        .       Parent=Smp_006710.1
SM_V9_1 Liftoff exon    35968724        35968894        .       +
        .       Parent=Smp_006710.1
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SM_V9_1 Liftoff exon    35968927        35969023        .       +
        .       Parent=Smp_006710.1
SM_V9_1 Liftoff exon    35969059        35969227        .       +
        .       Parent=Smp_006710.1
SM_V9_1 Liftoff exon    35970785        35971031        .       +
        .       Parent=Smp_006710.1
SM_V9_1 Liftoff CDS     35968486        35968686        .       +
        0       Parent=Smp_006710.1
SM_V9_1 Liftoff CDS     35968724        35968894        .       +
        0       Parent=Smp_006710.1
SM_V9_1 Liftoff CDS     35968927        35969023        .       +
        0       Parent=Smp_006710.1
SM_V9_1 Liftoff CDS     35969059        35969227        .       +
        2       Parent=Smp_006710.1
SM_V9_1 Liftoff CDS     35970785        35970929        .       +
        1       Parent=Smp_006710.1
SM_V9_1 Liftoff gene    35971051        35996516        .       -
        .
ID=Smp_006720;geneID=Smp_006720;previous_systematic_id=Smp_125840
SM_V9_1 Liftoff mRNA    35971051        35996516        .       -
        .
ID=Smp_006720.1;Parent=Smp_006720;geneID=Smp_006720;product=Synaptob
revin;polypeptide_domain=InterPro:IPR001388,IPR016444
Pfam:PF00957;Ontology_term=GO:0016021,GO:0016192
SM_V9_1 Liftoff exon    35971051        35971107        .       -
        .       Parent=Smp_006720.1
SM_V9_1 Liftoff exon    35974991        35975042        .       -
        .       Parent=Smp_006720.1
SM_V9_1 Liftoff exon    35983846        35983925        .       -
        .       Parent=Smp_006720.1
SM_V9_1 Liftoff exon    35992205        35992283        .       -
        .       Parent=Smp_006720.1
SM_V9_1 Liftoff exon    35992326        35996516        .       -
        .       Parent=Smp_006720.1
SM_V9_1 Liftoff CDS     35971079        35971107        .       -
        2       Parent=Smp_006720.1
SM_V9_1 Liftoff CDS     35974991        35975042        .       -
        0       Parent=Smp_006720.1
SM_V9_1 Liftoff CDS     35983846        35983925        .       -
        2       Parent=Smp_006720.1
SM_V9_1 Liftoff CDS     35992205        35992283        .       -
        0       Parent=Smp_006720.1
SM_V9_1 Liftoff CDS     35992326        35992391        .       -
        0       Parent=Smp_006720.1
SM_V9_1 Liftoff gene    36014350        36017654        .       +
        .
ID=Smp_342200;geneID=Smp_342200;previous_systematic_id=Smp_125850
SM_V9_1 Liftoff mRNA    36014350        36017654        .       +
        .
ID=Smp_342200.1;Parent=Smp_342200;geneID=Smp_342200;product=Dystonin
SM_V9_1 Liftoff exon    36014350        36016265        .       +
        .       Parent=Smp_342200.1
SM_V9_1 Liftoff exon    36016316        36017654        .       +
        .       Parent=Smp_342200.1
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SM_V9_1 Liftoff CDS     36015995        36016265        .       +
        0       Parent=Smp_342200.1
SM_V9_1 Liftoff CDS     36016316        36017112        .       +
        2       Parent=Smp_342200.1
SM_V9_1 iris    gene    36018467        36036045        .       -
        .
ID=Smp_006730;geneID=Smp_006730;gene_name=Smp_006730;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    36018467        36036045        .       -
        .
ID=Smp_006730.1;Parent=Smp_006730;geneID=Smp_006730;gene_name=Smp_00
6730;owner=irisadmin@local.host;orig_id=Smp_006730.1;date_last_modif
ied=2022-08-29;Name=Smp_006730.1;product=DNA damage-regulated
autophagy modulator protein 1;date_creation=2022-08-29
SM_V9_1 iris    exon    36018467        36018745        .       -
        .       Parent=Smp_006730.1;Name=59b61fdd-7dc5-4b0f-b917-
e5ea8081e973
SM_V9_1 iris    exon    36019514        36019630        .       -
        .
Parent=Smp_006730.1;Name=1ae277c2-9974-4110-8711-290dc6aac6d8
SM_V9_1 iris    exon    36020629        36020711        .       -
        .       Parent=Smp_006730.1;Name=69299ac8-aebb-4d2b-9a95-
c64f5775a092
SM_V9_1 iris    exon    36021847        36022018        .       -
        .       Parent=Smp_006730.1;Name=d66bb74a-2e0f-429b-914b-
c55b6f3ef33c
SM_V9_1 iris    exon    36023893        36024038        .       -
        .       Parent=Smp_006730.1;Name=3fce6d3c-0ec7-4c99-
b021-2a3421354515
SM_V9_1 iris    exon    36030754        36030821        .       -
        .       Parent=Smp_006730.1;Name=c0b15ac0-e71f-426b-ade0-
ea5d278fb9bf
SM_V9_1 iris    exon    36033251        36033304        .       -
        .       Parent=Smp_006730.1;Name=ecd9d6c3-3958-416d-bd11-
f9f3bfc02705
SM_V9_1 iris    exon    36034757        36034872        .       -
        .       Parent=Smp_006730.1;Name=6366ba36-2d5c-40b4-8166-
cc904f6bec23
SM_V9_1 iris    exon    36035920        36036045        .       -
        .       Parent=Smp_006730.1;Name=5819c506-dcac-494d-
b002-6bc3c34a1c65
SM_V9_1 iris    CDS     36018695        36018745        .       -
        0       Parent=Smp_006730.1
SM_V9_1 iris    CDS     36019514        36019630        .       -
        0       Parent=Smp_006730.1
SM_V9_1 iris    CDS     36020629        36020711        .       -
        2       Parent=Smp_006730.1
SM_V9_1 iris    CDS     36021847        36022018        .       -
        0       Parent=Smp_006730.1
SM_V9_1 iris    CDS     36023893        36024038        .       -
        2       Parent=Smp_006730.1
SM_V9_1 iris    CDS     36030754        36030821        .       -
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SM_V9_1 iris    CDS     36033251        36033304        .       -
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SM_V9_1 iris    CDS     36034757        36034839        .       -
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SM_V9_1 Liftoff gene    36053240        36065185        .       +
        .
ID=Smp_316270;geneID=Smp_316270;previous_systematic_id=Smp_006740
SM_V9_1 Liftoff mRNA    36053240        36065185        .       +
        .
ID=Smp_316270.1;Parent=Smp_316270;geneID=Smp_316270;product=Major
vault
protein;polypeptide_domain=InterPro:IPR000048,IPR002499,IPR021870
Pfam:PF01505,PF11978;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    36053240        36055274        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff exon    36055310        36055626        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff exon    36057211        36057437        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff exon    36059109        36059516        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff exon    36060413        36061135        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff exon    36062913        36063124        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff exon    36063452        36063695        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff exon    36064549        36065185        .       +
        .       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36055144        36055274        .       +
        0       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36055310        36055626        .       +
        1       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36057211        36057437        .       +
        2       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36059109        36059516        .       +
        0       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36060413        36061135        .       +
        0       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36062913        36063124        .       +
        0       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36063452        36063695        .       +
        1       Parent=Smp_316270.1
SM_V9_1 Liftoff CDS     36064549        36064899        .       +
        0       Parent=Smp_316270.1
SM_V9_1 Liftoff gene    36068720        36073917        .       +
        .       ID=Smp_331410;geneID=Smp_331410
SM_V9_1 Liftoff mRNA    36068720        36073917        .       +
        .
ID=Smp_331410.1;Parent=Smp_331410;geneID=Smp_331410;product=Mitochon
drial fission 1
protein;polypeptide_domain=InterPro:IPR011990,IPR028061
Pfam:PF14853;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    36068720        36069024        .       +
        .       Parent=Smp_331410.1
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SM_V9_1 Liftoff exon    36069075        36069154        .       +
        .       Parent=Smp_331410.1
SM_V9_1 Liftoff exon    36069219        36069324        .       +
        .       Parent=Smp_331410.1
SM_V9_1 Liftoff exon    36073681        36073917        .       +
        .       Parent=Smp_331410.1
SM_V9_1 Liftoff CDS     36068859        36069024        .       +
        0       Parent=Smp_331410.1
SM_V9_1 Liftoff CDS     36069075        36069154        .       +
        2       Parent=Smp_331410.1
SM_V9_1 Liftoff CDS     36069219        36069324        .       +
        0       Parent=Smp_331410.1
SM_V9_1 Liftoff CDS     36073681        36073727        .       +
        2       Parent=Smp_331410.1
SM_V9_1 iris    gene    36108800        36132225        .       +
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ID=Smp_006760;geneID=Smp_006760;gene_name=Smp_006760;owner=irisadmin
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SM_V9_1 iris    mRNA    36108800        36132225        .       +
        .
ID=Smp_006760.1;Parent=Smp_006760;geneID=Smp_006760;gene_name=Smp_00
6760;owner=irisadmin@local.host;orig_id=Smp_006760.1;date_last_modif
ied=2022-08-02;Name=Smp_006760.1;product=DNA damage-regulated
autophagy modulator protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    36108800        36108864        .       +
        .       Parent=Smp_006760.1;Name=c53fb571-ee25-466d-9d26-
a12d5559fd10
SM_V9_1 iris    exon    36110866        36110989        .       +
        .       Parent=Smp_006760.1;Name=fe2d2647-dfa6-4612-9f78-
a15c2d14c49e
SM_V9_1 iris    exon    36112358        36112411        .       +
        .       Parent=Smp_006760.1;Name=a2c7ba95-c7c5-4fe0-
b2e6-16b484965eea
SM_V9_1 iris    exon    36117219        36117286        .       +
        .       Parent=Smp_006760.1;Name=21e1c0b4-41bd-4f80-9925-
be50f75bad02
SM_V9_1 iris    exon    36119288        36119439        .       +
        .       Parent=Smp_006760.1;Name=5cc679c2-84ee-4a1f-8f2a-
f9b091223936
SM_V9_1 iris    exon    36122799        36122967        .       +
        .
Parent=Smp_006760.1;Name=5c791c1a-7ee3-4da8-8fc6-38992b5f1ddc
SM_V9_1 iris    exon    36124597        36124670        .       +
        .       Parent=Smp_006760.1;Name=4921cfdb-b324-4a01-b9fa-
beaf8e278701
SM_V9_1 iris    exon    36129520        36129636        .       +
        .       Parent=Smp_006760.1;Name=bfdc7259-0ff4-4534-
be2e-801254e95cef
SM_V9_1 iris    exon    36131891        36132225        .       +
        .       Parent=Smp_006760.1;Name=8342311f-
afc6-44b5-8ac5-2d0470aae449
SM_V9_1 iris    CDS     36110907        36110989        .       +
        0       Parent=Smp_006760.1
SM_V9_1 iris    CDS     36112358        36112411        .       +
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        1       Parent=Smp_006760.1
SM_V9_1 iris    CDS     36117219        36117286        .       +
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SM_V9_1 iris    CDS     36119288        36119439        .       +
        2       Parent=Smp_006760.1
SM_V9_1 iris    CDS     36122799        36122967        .       +
        0       Parent=Smp_006760.1
SM_V9_1 iris    CDS     36124597        36124670        .       +
        2       Parent=Smp_006760.1
SM_V9_1 iris    CDS     36129520        36129636        .       +
        0       Parent=Smp_006760.1
SM_V9_1 iris    CDS     36131891        36131965        .       +
        0       Parent=Smp_006760.1
SM_V9_1 iris    gene    36134742        36147586        .       -
        .
ID=Smp_006750;geneID=Smp_006750;gene_name=Smp_006750;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36134742        36147586        .       -
        .
ID=Smp_006750.1;Parent=Smp_006750;geneID=Smp_006750;gene_name=Smp_00
6750;owner=irisadmin@local.host;orig_id=Smp_006750.2;date_last_modif
ied=2022-08-02;Name=Smp_006750.1;product=DNA damage-regulated
autophagy modulator protein 1;date_creation=2022-07-27
SM_V9_1 iris    exon    36134742        36134933        .       -
        .       Parent=Smp_006750.1;Name=00e17d2f-dbe0-4adf-a8cf-
d27ea8c6d26a
SM_V9_1 iris    exon    36136367        36136483        .       -
        .
Parent=Smp_006750.1;Name=4f05843b-0c4f-4573-8355-32a17d46bc06
SM_V9_1 iris    exon    36137673        36137743        .       -
        .
Parent=Smp_006750.1;Name=a0208d6e-16ca-48a8-9556-14e5de32a315
SM_V9_1 iris    exon    36138453        36138624        .       -
        .       Parent=Smp_006750.1;Name=1c631336-f852-40a9-ad22-
a61d8dad5c47
SM_V9_1 iris    exon    36140976        36141124        .       -
        .
Parent=Smp_006750.1;Name=036f3c64-9d3a-4f28-817d-6b95e3c4f35d
SM_V9_1 iris    exon    36142304        36142371        .       -
        .
Parent=Smp_006750.1;Name=45f9b2f1-5a83-4578-9242-5183bf13fae3
SM_V9_1 iris    exon    36146139        36146192        .       -
        .       Parent=Smp_006750.1;Name=950c67d8-2c8d-41ec-9807-
f93166263b9f
SM_V9_1 iris    exon    36146966        36147086        .       -
        .
Parent=Smp_006750.1;Name=7fd49c19-5fdc-4ed4-96da-4a157ae0073b
SM_V9_1 iris    exon    36147572        36147586        .       -
        .       Parent=Smp_006750.1;Name=6d6c40ff-4c46-4f84-
b0ea-6eaccbf0279c
SM_V9_1 iris    CDS     36134877        36134933        .       -
        0       Parent=Smp_006750.1
SM_V9_1 iris    CDS     36136367        36136483        .       -
        0       Parent=Smp_006750.1
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SM_V9_1 iris    CDS     36137673        36137743        .       -
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SM_V9_1 iris    CDS     36138453        36138624        .       -
        0       Parent=Smp_006750.1
SM_V9_1 iris    CDS     36140976        36141124        .       -
        2       Parent=Smp_006750.1
SM_V9_1 iris    CDS     36142304        36142371        .       -
        1       Parent=Smp_006750.1
SM_V9_1 iris    CDS     36146139        36146192        .       -
        1       Parent=Smp_006750.1
SM_V9_1 iris    CDS     36146966        36147036        .       -
        0       Parent=Smp_006750.1
SM_V9_1 Liftoff gene    36151677        36151844        .       +
        .
ID=Smp_242050;geneID=Smp_242050;previous_systematic_id=Smp_182780
SM_V9_1 Liftoff mRNA    36151677        36151844        .       +
        .
ID=Smp_242050.1;Parent=Smp_242050;geneID=Smp_242050;product=Unconven
tional myosin-VI
SM_V9_1 Liftoff exon    36151677        36151844        .       +
        .       Parent=Smp_242050.1
SM_V9_1 Liftoff CDS     36151677        36151844        .       +
        0       Parent=Smp_242050.1
SM_V9_1 Liftoff gene    36159170        36171111        .       +
        .
ID=Smp_315420;geneID=Smp_315420;previous_systematic_id=Smp_006740
SM_V9_1 Liftoff mRNA    36159170        36171111        .       +
        .
ID=Smp_315420.1;Parent=Smp_315420;geneID=Smp_315420;product=Major
vault
protein;polypeptide_domain=InterPro:IPR000048,IPR002499,IPR021870
Pfam:PF01505,PF11978;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    36159170        36161201        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff exon    36161237        36161553        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff exon    36163138        36163364        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff exon    36165036        36165443        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff exon    36166340        36167062        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff exon    36168840        36169051        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff exon    36169378        36169621        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff exon    36170475        36171111        .       +
        .       Parent=Smp_315420.1
SM_V9_1 Liftoff CDS     36161071        36161201        .       +
        0       Parent=Smp_315420.1
SM_V9_1 Liftoff CDS     36161237        36161553        .       +
        1       Parent=Smp_315420.1
SM_V9_1 Liftoff CDS     36163138        36163364        .       +
        2       Parent=Smp_315420.1
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SM_V9_1 Liftoff CDS     36165036        36165443        .       +
        0       Parent=Smp_315420.1
SM_V9_1 Liftoff CDS     36166340        36167062        .       +
        0       Parent=Smp_315420.1
SM_V9_1 Liftoff CDS     36168840        36169051        .       +
        0       Parent=Smp_315420.1
SM_V9_1 Liftoff CDS     36169378        36169621        .       +
        1       Parent=Smp_315420.1
SM_V9_1 Liftoff CDS     36170475        36170825        .       +
        0       Parent=Smp_315420.1
SM_V9_1 iris    gene    36207750        36249152        .       +
        .
ID=Smp_140590;geneID=Smp_140590;gene_name=Smp_140590;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36207750        36249152        .       +
        .
ID=Smp_140590.1;Parent=Smp_140590;geneID=Smp_140590;gene_name=Smp_14
0590;owner=irisadmin@local.host;orig_id=Smp_140590.1;date_last_modif
ied=2022-08-02;Name=Smp_140590.1;product=Serine/threonine-protein
kinase KIN4;date_creation=2022-07-27
SM_V9_1 iris    exon    36207750        36208102        .       +
        .       Parent=Smp_140590.1;Name=8ceb5032-b2e1-4a8e-a295-
abdd68ed2036
SM_V9_1 iris    exon    36212250        36212332        .       +
        .       Parent=Smp_140590.1;Name=4ca39948-1ad0-41e0-
a908-03d1cbd70e0e
SM_V9_1 iris    exon    36214337        36214547        .       +
        .       Parent=Smp_140590.1;Name=ace42346-
f204-4d33-8076-26206ac42985
SM_V9_1 iris    exon    36219645        36220593        .       +
        .       Parent=Smp_140590.1;Name=48dbb852-a97f-414e-bdb9-
cf839ca745b7
SM_V9_1 iris    exon    36224838        36226010        .       +
        .       Parent=Smp_140590.1;Name=0c585c01-2255-4d04-96d3-
b5be35b54cdb
SM_V9_1 iris    exon    36227026        36227147        .       +
        .       Parent=Smp_140590.1;Name=17f729bb-1734-49b3-8282-
fb7f09253f22
SM_V9_1 iris    exon    36228651        36229001        .       +
        .       Parent=Smp_140590.1;Name=372880f8-41ee-4c74-
a9e1-6770be459e6a
SM_V9_1 iris    exon    36235561        36235695        .       +
        .       Parent=Smp_140590.1;Name=5a582273-480a-4477-bb54-
a985a9756518
SM_V9_1 iris    exon    36240793        36240881        .       +
        .       Parent=Smp_140590.1;Name=93535416-3e9d-43f7-ae3e-
f11b72b69dec
SM_V9_1 iris    exon    36246318        36246522        .       +
        .       Parent=Smp_140590.1;Name=b893e4ea-2bdf-4b13-
bdbe-0ab99cfd75e0
SM_V9_1 iris    exon    36247646        36249152        .       +
        .       Parent=Smp_140590.1;Name=05f8e194-2da1-46bf-
afba-91be6df7493f
SM_V9_1 iris    CDS     36208079        36208102        .       +
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        0       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36212250        36212332        .       +
        0       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36214337        36214547        .       +
        1       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36219645        36220593        .       +
        0       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36224838        36226010        .       +
        2       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36227026        36227147        .       +
        2       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36228651        36229001        .       +
        0       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36235561        36235695        .       +
        0       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36240793        36240881        .       +
        0       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36246318        36246522        .       +
        1       Parent=Smp_140590.1
SM_V9_1 iris    CDS     36247646        36247774        .       +
        0       Parent=Smp_140590.1
SM_V9_1 iris    gene    36302416        36312692        .       -
        .
ID=Smp_034120;geneID=Smp_034120;gene_name=Smp_034120;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36302416        36312692        .       -
        .
ID=Smp_034120.1;Parent=Smp_034120;geneID=Smp_034120;gene_name=Smp_03
4120;owner=irisadmin@local.host;orig_id=Smp_034120.1;date_last_modif
ied=2022-08-02;Name=Smp_034120.1;product=Synaptosomal-associated
protein 25;date_creation=2022-07-27
SM_V9_1 iris    exon    36302416        36303262        .       -
        .       Parent=Smp_034120.1;Name=61a02989-0c54-4e27-
bc60-2f5fed22724f
SM_V9_1 iris    exon    36305573        36305717        .       -
        .       Parent=Smp_034120.1;Name=ee4379a1-de7a-4a8a-a457-
fd8285355f27
SM_V9_1 iris    exon    36306662        36306781        .       -
        .       Parent=Smp_034120.1;Name=22093db4-2f42-4bd2-
ab78-4bb00f90a70a
SM_V9_1 iris    exon    36308397        36308514        .       -
        .
Parent=Smp_034120.1;Name=f80d841a-51eb-4349-995c-9a176c598b84
SM_V9_1 iris    exon    36308881        36308929        .       -
        .       Parent=Smp_034120.1;Name=b47f35bf-87be-4a6c-aa99-
e89a611d5231
SM_V9_1 iris    exon    36309007        36309048        .       -
        .       Parent=Smp_034120.1;Name=b98e6e9a-96eb-40b2-ab80-
aa3496429698
SM_V9_1 iris    exon    36312567        36312692        .       -
        .       Parent=Smp_034120.1;Name=e7e81a85-bd25-4217-
befc-9be86b112c43
SM_V9_1 iris    CDS     36303200        36303262        .       -
        0       Parent=Smp_034120.1
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SM_V9_1 iris    CDS     36305573        36305717        .       -
        1       Parent=Smp_034120.1
SM_V9_1 iris    CDS     36306662        36306781        .       -
        1       Parent=Smp_034120.1
SM_V9_1 iris    CDS     36308397        36308514        .       -
        2       Parent=Smp_034120.1
SM_V9_1 iris    CDS     36308881        36308929        .       -
        0       Parent=Smp_034120.1
SM_V9_1 iris    CDS     36309007        36309048        .       -
        0       Parent=Smp_034120.1
SM_V9_1 iris    CDS     36312567        36312650        .       -
        0       Parent=Smp_034120.1
SM_V9_1 iris    gene    36325249        36334533        .       +
        .
ID=Smp_140580;geneID=Smp_140580;gene_name=Smp_140580;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36325249        36334533        .       +
        .
ID=Smp_140580.1;Parent=Smp_140580;geneID=Smp_140580;gene_name=Smp_14
0580;owner=irisadmin@local.host;orig_id=Smp_140580.2;date_last_modif
ied=2022-08-02;Name=Smp_140580.1;product=[Pyruvate dehydrogenase
(acetyl-transferring)] kinase,
mitochondrial;date_creation=2022-07-27
SM_V9_1 iris    exon    36325249        36325588        .       +
        .       Parent=Smp_140580.1;Name=f27fcb22-1a43-4947-
a289-7918af70cae0
SM_V9_1 iris    exon    36325633        36325771        .       +
        .       Parent=Smp_140580.1;Name=a379c176-7f67-4dda-960e-
ceb15b367c39
SM_V9_1 iris    exon    36325806        36325941        .       +
        .       Parent=Smp_140580.1;Name=7d64956a-dbdf-4181-
b670-76f906d6dcf3
SM_V9_1 iris    exon    36325974        36326094        .       +
        .       Parent=Smp_140580.1;Name=9b35dbd2-b9f1-43d5-af4c-
e8a48442a9b1
SM_V9_1 iris    exon    36328202        36328659        .       +
        .       Parent=Smp_140580.1;Name=c75a098f-
d631-4955-80be-3cf32f151018
SM_V9_1 iris    exon    36333690        36334533        .       +
        .
Parent=Smp_140580.1;Name=9cb5c7ff-5336-43fa-8acb-4009749d8726
SM_V9_1 iris    CDS     36325480        36325588        .       +
        0       Parent=Smp_140580.1
SM_V9_1 iris    CDS     36325633        36325771        .       +
        2       Parent=Smp_140580.1
SM_V9_1 iris    CDS     36325806        36325941        .       +
        1       Parent=Smp_140580.1
SM_V9_1 iris    CDS     36325974        36326094        .       +
        0       Parent=Smp_140580.1
SM_V9_1 iris    CDS     36328202        36328659        .       +
        2       Parent=Smp_140580.1
SM_V9_1 iris    CDS     36333690        36334151        .       +
        0       Parent=Smp_140580.1
SM_V9_1 Liftoff gene    36352517        36354565        .       -
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        .       ID=Smp_034100;geneID=Smp_034100
SM_V9_1 Liftoff mRNA    36352517        36354565        .       -
        .
ID=Smp_034100.1;Parent=Smp_034100;geneID=Smp_034100;product=DNA-
directed RNA polymerase III subunit
RPC10;polypeptide_domain=InterPro:IPR001222,IPR012164,IPR034014
Pfam:PF01096;Ontology_term=GO:0003676,GO:0006351,GO:0006379,GO:00082
70
SM_V9_1 Liftoff exon    36352517        36354565        .       -
        .       Parent=Smp_034100.1
SM_V9_1 Liftoff CDS     36352602        36352910        .       -
        0       Parent=Smp_034100.1
SM_V9_1 Liftoff gene    36379462        36382325        .       -
        .       ID=Smp_331530;geneID=Smp_331530
SM_V9_1 Liftoff mRNA    36379462        36382325        .       -
        .
ID=Smp_331530.1;Parent=Smp_331530;geneID=Smp_331530;product=DNA-
directed RNA polymerase III subunit
RPC10;polypeptide_domain=InterPro:IPR001222,IPR012164,IPR034014
Pfam:PF01096;Ontology_term=GO:0003676,GO:0006351,GO:0006379,GO:00082
70
SM_V9_1 Liftoff exon    36379462        36382325        .       -
        .       Parent=Smp_331530.1
SM_V9_1 Liftoff CDS     36379547        36379855        .       -
        0       Parent=Smp_331530.1
SM_V9_1 iris    gene    36396169        36403788        .       +
        .
ID=Smp_034090;geneID=Smp_034090;gene_name=Smp_034090;owner=irisadmin
@local.host;date_last_modified=2022-08-04;date_creation=2022-08-04
SM_V9_1 iris    mRNA    36396169        36403788        .       +
        .
ID=Smp_034090.1;Parent=Smp_034090;geneID=Smp_034090;gene_name=Smp_03
4090;owner=irisadmin@local.host;orig_id=Smp_034090.1;date_last_modif
ied=2022-08-04;Name=Smp_034090.1;product=Kelch-like protein
21;date_creation=2022-08-04
SM_V9_1 iris    exon    36396169        36396627        .       +
        .       Parent=Smp_034090.1;Name=719ad8b4-0c3d-44e0-
ab67-90b70435f81c
SM_V9_1 iris    exon    36399341        36400985        .       +
        .       Parent=Smp_034090.1;Name=1611d16e-9c5a-45aa-a84d-
d55bf0046c99
SM_V9_1 iris    exon    36402507        36403788        .       +
        .       Parent=Smp_034090.1;Name=f5565a27-cd69-4f12-
a0b5-1d496d91215a
SM_V9_1 iris    CDS     36396580        36396627        .       +
        0       Parent=Smp_034090.1
SM_V9_1 iris    CDS     36399341        36400985        .       +
        0       Parent=Smp_034090.1
SM_V9_1 iris    CDS     36402507        36403231        .       +
        2       Parent=Smp_034090.1
SM_V9_1 iris    gene    36418283        36500085        .       -
        .
ID=Smp_140570;geneID=Smp_140570;gene_name=Smp_140570;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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SM_V9_1 iris    mRNA    36418283        36500085        .       -
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0570;owner=irisadmin@local.host;orig_id=Smp_140570.1;date_last_modif
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protein 9;date_creation=2022-07-27
SM_V9_1 iris    exon    36418283        36419597        .       -
       .
Parent=Smp_140570.1;Name=4f36f536-6ba2-4096-8ae9-6e6b42d9eba2
SM_V9_1 iris    exon    36421428        36429729        .       -
       .
Parent=Smp_140570.1;Name=513bd415-58b1-4964-9ab5-4affaf921540
SM_V9_1 iris    exon    36429772        36432826        .       -
       .       Parent=Smp_140570.1;Name=971e1965-b7c2-48f3-97de-
b6c8585c7077
SM_V9_1 iris    exon    36450215        36450267        .       -
       .       Parent=Smp_140570.1;Name=919740d6-
d666-4dcb-954f-88815823e3db
SM_V9_1 iris    exon    36453856        36455067        .       -
       .       Parent=Smp_140570.1;Name=32cabab2-47a9-45b0-
a67e-6b33afbd935f
SM_V9_1 iris    exon    36456693        36456880        .       -
       .       Parent=Smp_140570.1;Name=5fc503b2-d49f-412e-9f30-
a22ad69193cd
SM_V9_1 iris    exon    36458134        36458201        .       -
       .       Parent=Smp_140570.1;Name=d0cbc3d2-fa41-465c-b332-
a8056010852d
SM_V9_1 iris    exon    36459749        36459848        .       -
       .       Parent=Smp_140570.1;Name=490ee155-8e32-417f-9f5d-
d671701a4211
SM_V9_1 iris    exon    36460313        36460381        .       -
       .
Parent=Smp_140570.1;Name=cccd4597-4522-4261-9a76-453a3b4279f1
SM_V9_1 iris    exon    36461559        36461651        .       -
       .
Parent=Smp_140570.1;Name=32f8123d-37ff-4792-940b-3da59b4f4015
SM_V9_1 iris    exon    36464875        36464972        .       -
       .       Parent=Smp_140570.1;Name=ddcef349-29e4-4592-852c-
d652ff23508c
SM_V9_1 iris    exon    36466969        36467166        .       -
       .
Parent=Smp_140570.1;Name=2735834d-1d90-491d-82f9-5dbf7b62a58c
SM_V9_1 iris    exon    36473779        36473876        .       -
       .       Parent=Smp_140570.1;Name=591a6be3-93d6-4a57-
aeba-18bd90f26043
SM_V9_1 iris    exon    36474892        36474959        .       -
       .       Parent=Smp_140570.1;Name=8bd2f944-1246-455a-a93c-
c1a9ff18217f
SM_V9_1 iris    exon    36476039        36476111        .       -
       .
Parent=Smp_140570.1;Name=f9867e5c-7ada-457f-8a64-998aebec6cbf
SM_V9_1 iris    exon    36477633        36477702        .       -
       .       Parent=Smp_140570.1;Name=af406661-9936-4024-b703-
b2fdb50d62c7
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SM_V9_1 iris    exon    36478109        36478215        .       -
        .
Parent=Smp_140570.1;Name=383ed5b6-6c2e-4d0d-9e43-624db86e0253
SM_V9_1 iris    exon    36489920        36489981        .       -
        .       Parent=Smp_140570.1;Name=278007e7-ed4d-4692-b6d3-
c85a2152353d
SM_V9_1 iris    exon    36490594        36490626        .       -
        .
Parent=Smp_140570.1;Name=e00063ff-1a5c-421b-9540-9cdd26f1c4d9
SM_V9_1 iris    exon    36493793        36493909        .       -
        .       Parent=Smp_140570.1;Name=948c3ff7-0c80-454a-9bb3-
de92721f69c4
SM_V9_1 iris    exon    36494573        36494756        .       -
        .
Parent=Smp_140570.1;Name=9069bd4b-2464-43b6-8888-1c6b39624623
SM_V9_1 iris    exon    36499996        36500085        .       -
        .
Parent=Smp_140570.1;Name=7a796b53-8910-4fae-952d-164c6ba78044
SM_V9_1 iris    CDS     36421428        36429729        .       -
        1       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36429772        36432826        .       -
        2       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36450215        36450267        .       -
        1       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36453856        36455067        .       -
        1       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36456693        36456880        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36458134        36458201        .       -
        2       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36459749        36459848        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36460313        36460381        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36461559        36461651        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36464875        36464972        .       -
        2       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36466969        36467166        .       -
        2       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36473779        36473876        .       -
        1       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36474892        36474959        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36476039        36476111        .       -
        1       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36477633        36477702        .       -
        2       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36478109        36478215        .       -
        1       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36489920        36489981        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36490594        36490626        .       -
        0       Parent=Smp_140570.1
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SM_V9_1 iris    CDS     36493793        36493909        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36494573        36494756        .       -
        1       Parent=Smp_140570.1
SM_V9_1 iris    CDS     36499996        36500042        .       -
        0       Parent=Smp_140570.1
SM_V9_1 iris    gene    36502577        36506613        .       +
        .
ID=Smp_140560;geneID=Smp_140560;gene_name=Smp_140560;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36502577        36506613        .       +
        .
ID=Smp_140560.1;Parent=Smp_140560;geneID=Smp_140560;gene_name=Smp_14
0560;owner=irisadmin@local.host;orig_id=Smp_140560.1;date_last_modif
ied=2022-08-02;Name=Smp_140560.1;product=TLC domain-containing
protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    36502577        36502894        .       +
        .
Parent=Smp_140560.1;Name=fe10541e-21ac-4db5-88a9-3d43227ec472
SM_V9_1 iris    exon    36502928        36503010        .       +
        .       Parent=Smp_140560.1;Name=3007d81c-
c8ee-4cba-8101-3e12e4f82f16
SM_V9_1 iris    exon    36503045        36503127        .       +
        .       Parent=Smp_140560.1;Name=131e69dd-
c26a-4ee5-946a-9031ffd2c4a9
SM_V9_1 iris    exon    36503170        36503341        .       +
        .       Parent=Smp_140560.1;Name=6a366e00-cb20-4524-
a5f0-4b4bd180dec5
SM_V9_1 iris    exon    36506116        36506613        .       +
        .       Parent=Smp_140560.1;Name=a3a448c1-78b9-412e-9719-
ebf1968a6e1e
SM_V9_1 iris    CDS     36502674        36502894        .       +
        0       Parent=Smp_140560.1
SM_V9_1 iris    CDS     36502928        36503010        .       +
        1       Parent=Smp_140560.1
SM_V9_1 iris    CDS     36503045        36503127        .       +
        2       Parent=Smp_140560.1
SM_V9_1 iris    CDS     36503170        36503341        .       +
        0       Parent=Smp_140560.1
SM_V9_1 iris    CDS     36506116        36506336        .       +
        2       Parent=Smp_140560.1
SM_V9_1 iris    gene    36516986        36520073        .       -
        .
ID=Smp_140550;geneID=Smp_140550;gene_name=Smp_140550;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36516986        36520073        .       -
        .
ID=Smp_140550.1;Parent=Smp_140550;geneID=Smp_140550;gene_name=Smp_14
0550;owner=irisadmin@local.host;orig_id=Smp_140550.1;date_last_modif
ied=2022-08-02;Name=Smp_140550.1;product=39S ribosomal protein L35,
mitochondrial;date_creation=2022-07-27
SM_V9_1 iris    exon    36516986        36517388        .       -
        .       Parent=Smp_140550.1;Name=bde87a9e-e72b-454d-
a1ba-79070f4f99b7
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SM_V9_1 iris    exon    36517955        36518131        .       -
        .       Parent=Smp_140550.1;Name=c353abc7-3286-4e3c-aa7a-
eb8781b2a511
SM_V9_1 iris    exon    36519932        36520073        .       -
        .       Parent=Smp_140550.1;Name=904dccf6-b53b-4bec-ba43-
b01c9f0cd195
SM_V9_1 iris    CDS     36517193        36517388        .       -
        1       Parent=Smp_140550.1
SM_V9_1 iris    CDS     36517955        36518131        .       -
        1       Parent=Smp_140550.1
SM_V9_1 iris    CDS     36519932        36520062        .       -
        0       Parent=Smp_140550.1
SM_V9_1 iris    gene    36520957        36542267        .       -
        .
ID=Smp_213180;geneID=Smp_213180;gene_name=Smp_213180;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36520957        36542267        .       -
        .
ID=Smp_213180.1;Parent=Smp_213180;geneID=Smp_213180;gene_name=Smp_21
3180;owner=irisadmin@local.host;orig_id=Smp_213180.1;date_last_modif
ied=2022-08-02;Name=Smp_213180.1;product=Allene oxide synthase-
lipoxygenase protein;date_creation=2022-07-27
SM_V9_1 iris    exon    36520957        36522113        .       -
        .       Parent=Smp_213180.1;Name=2bc5a2c9-a657-482b-
a612-3471958457b0
SM_V9_1 iris    exon    36523794        36524004        .       -
        .       Parent=Smp_213180.1;Name=235ebd7c-25b4-47f1-9a28-
be2997c5f6d9
SM_V9_1 iris    exon    36524860        36525088        .       -
        .
Parent=Smp_213180.1;Name=2e586b8d-6b66-43ea-825d-0c1002b9b6de
SM_V9_1 iris    exon    36526636        36526754        .       -
        .       Parent=Smp_213180.1;Name=679053dd-
de01-4dec-9f55-4bac4cc91c72
SM_V9_1 iris    exon    36529660        36529765        .       -
        .       Parent=Smp_213180.1;Name=fdc670ef-1462-440e-
ae35-94c7885dba7d
SM_V9_1 iris    exon    36530225        36530375        .       -
        .       Parent=Smp_213180.1;Name=074fe4f7-7ecb-43d0-a299-
a144cfa95cb5
SM_V9_1 iris    exon    36531851        36532062        .       -
        .       Parent=Smp_213180.1;Name=6efa5320-679a-4af9-8f79-
bb697ba71290
SM_V9_1 iris    exon    36534647        36534875        .       -
        .       Parent=Smp_213180.1;Name=8359e0c5-82c5-43af-9e21-
acc1a3dfbdd6
SM_V9_1 iris    exon    36537203        36537303        .       -
        .       Parent=Smp_213180.1;Name=9bc6a57c-4121-45b1-
a125-49afc6698564
SM_V9_1 iris    exon    36538247        36538381        .       -
        .
Parent=Smp_213180.1;Name=efa91d83-4022-4fbd-88b5-522fb5a068b1
SM_V9_1 iris    exon    36538419        36538463        .       -
        .       Parent=Smp_213180.1;Name=1e5ad3ec-d9ee-4e07-
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a745-52ae51235179
SM_V9_1 iris    exon    36538505        36538801        .       -
        .
Parent=Smp_213180.1;Name=0ee55a75-0b66-474d-82bf-66cfb49533ab
SM_V9_1 iris    exon    36538844        36539101        .       -
        .       Parent=Smp_213180.1;Name=01dd7942-
c5b1-4f51-8d2f-28558c6e93a4
SM_V9_1 iris    exon    36542200        36542267        .       -
        .       Parent=Smp_213180.1;Name=018360f2-3ed2-4358-
bd1c-1853cd090d2c
SM_V9_1 iris    CDS     36521993        36522113        .       -
        1       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36523794        36524004        .       -
        2       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36524860        36525088        .       -
        0       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36526636        36526754        .       -
        2       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36529660        36529765        .       -
        0       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36530225        36530375        .       -
        1       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36531851        36532062        .       -
        0       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36534647        36534875        .       -
        1       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36537203        36537303        .       -
        0       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36538247        36538381        .       -
        0       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36538419        36538463        .       -
        0       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36538505        36538801        .       -
        0       Parent=Smp_213180.1
SM_V9_1 iris    CDS     36538844        36539056        .       -
        0       Parent=Smp_213180.1
SM_V9_1 Liftoff gene    36558305        36559262        .       +
        .       ID=Smp_140540;geneID=Smp_140540
SM_V9_1 Liftoff mRNA    36558305        36559262        .       +
        .
ID=Smp_140540.1;Parent=Smp_140540;geneID=Smp_140540;product=Replicas
e polyprotein 1ab
SM_V9_1 Liftoff exon    36558305        36559262        .       +
        .       Parent=Smp_140540.1
SM_V9_1 Liftoff CDS     36558492        36558989        .       +
        0       Parent=Smp_140540.1
SM_V9_1 Liftoff gene    36564566        36601611        .       -
        .       ID=Smp_034000;geneID=Smp_034000
SM_V9_1 Liftoff mRNA    36564566        36601611        .       -
        .
ID=Smp_034000.1;Parent=Smp_034000;geneID=Smp_034000;product=Lysine-
specific demethylase
6A;polypeptide_domain=InterPro:IPR001440,IPR003347,IPR011990,IPR0130
26,IPR019734 Pfam:PF00515,PF02373;Ontology_term=GO:0005515
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SM_V9_1 Liftoff exon    36564566        36567242        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36567879        36568046        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36569607        36569733        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36570530        36570852        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36571670        36571813        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36573868        36574126        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36574746        36574812        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36575464        36575722        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36576708        36577016        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36581192        36581959        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36583322        36583455        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36588480        36588852        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36590107        36590302        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36592478        36592697        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36594599        36594733        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36594770        36594945        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36594987        36595336        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36595370        36595436        .       -
        .       Parent=Smp_034000.1
SM_V9_1 Liftoff exon    36601501        36601611        .       -
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SM_V9_1 Liftoff CDS     36567207        36567242        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36567879        36568046        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36569607        36569733        .       -
        1       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36570530        36570852        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36571670        36571813        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36573868        36574126        .       -
        1       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36574746        36574812        .       -
        2       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36575464        36575722        .       -
        0       Parent=Smp_034000.1
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SM_V9_1 Liftoff CDS     36576708        36577016        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36581192        36581959        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36583322        36583455        .       -
        2       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36588480        36588852        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36590107        36590302        .       -
        1       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36592478        36592697        .       -
        2       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36594599        36594733        .       -
        2       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36594770        36594945        .       -
        1       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36594987        36595336        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36595370        36595436        .       -
        1       Parent=Smp_034000.1
SM_V9_1 Liftoff CDS     36601501        36601571        .       -
        0       Parent=Smp_034000.1
SM_V9_1 Liftoff gene    36619385        36621847        .       +
        .       ID=Smp_033990;geneID=Smp_033990
SM_V9_1 Liftoff mRNA    36619385        36621847        .       +
        .
ID=Smp_033990.1;Parent=Smp_033990;geneID=Smp_033990;product=Dynactin
subunit 5;polypeptide_domain=InterPro:IPR001451,IPR011004
Pfam:PF00132
SM_V9_1 Liftoff exon    36619385        36621847        .       +
        .       Parent=Smp_033990.1
SM_V9_1 Liftoff CDS     36620985        36621545        .       +
        0       Parent=Smp_033990.1
SM_V9_1 Liftoff gene    36631751        36638271        .       -
        .       ID=Smp_140530;geneID=Smp_140530
SM_V9_1 Liftoff mRNA    36631751        36638271        .       -
        .
ID=Smp_140530.1;Parent=Smp_140530;geneID=Smp_140530;product=Replicat
ion factor C subunit
2;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR008921,IPR01374
8,IPR027417
Pfam:PF00004,PF08542;Ontology_term=GO:0003677,GO:0005524,GO:0006260
SM_V9_1 Liftoff exon    36631751        36632073        .       -
        .       Parent=Smp_140530.1
SM_V9_1 Liftoff exon    36632923        36633117        .       -
        .       Parent=Smp_140530.1
SM_V9_1 Liftoff exon    36634765        36634830        .       -
        .       Parent=Smp_140530.1
SM_V9_1 Liftoff exon    36635920        36636178        .       -
        .       Parent=Smp_140530.1
SM_V9_1 Liftoff exon    36637832        36638040        .       -
        .       Parent=Smp_140530.1
SM_V9_1 Liftoff exon    36638079        36638271        .       -
        .       Parent=Smp_140530.1
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SM_V9_1 Liftoff CDS     36631972        36632073        .       -
        0       Parent=Smp_140530.1
SM_V9_1 Liftoff CDS     36632923        36633117        .       -
        0       Parent=Smp_140530.1
SM_V9_1 Liftoff CDS     36634765        36634830        .       -
        0       Parent=Smp_140530.1
SM_V9_1 Liftoff CDS     36635920        36636178        .       -
        1       Parent=Smp_140530.1
SM_V9_1 Liftoff CDS     36637832        36638040        .       -
        0       Parent=Smp_140530.1
SM_V9_1 Liftoff CDS     36638079        36638204        .       -
        0       Parent=Smp_140530.1
SM_V9_1 Liftoff gene    36663715        36687019        .       +
        .       ID=Smp_033970;geneID=Smp_033970
SM_V9_1 Liftoff mRNA    36663715        36687019        .       +
        .
ID=Smp_033970.1;Parent=Smp_033970;geneID=Smp_033970;product=Flotilli
n-2;polypeptide_domain=InterPro:IPR001107,IPR031905
Pfam:PF01145,PF15975
SM_V9_1 Liftoff exon    36663715        36663797        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36665069        36665150        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36665183        36665262        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36665312        36665475        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36666475        36666678        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36679130        36679282        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36681831        36682012        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36684560        36684920        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff exon    36686348        36687019        .       +
        .       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36663749        36663797        .       +
        0       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36665069        36665150        .       +
        2       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36665183        36665262        .       +
        1       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36665312        36665475        .       +
        2       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36666475        36666678        .       +
        0       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36679130        36679282        .       +
        0       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36681831        36682012        .       +
        0       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36684560        36684920        .       +
        1       Parent=Smp_033970.1
SM_V9_1 Liftoff CDS     36686348        36686398        .       +
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        0       Parent=Smp_033970.1
SM_V9_1 iris    gene    36694075        36743082        .       +
        .
ID=Smp_140520;geneID=Smp_140520;gene_name=Smp_140520;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36694075        36743082        .       +
        .
ID=Smp_140520.1;Parent=Smp_140520;geneID=Smp_140520;gene_name=Smp_14
0520;owner=irisadmin@local.host;orig_id=Smp_140520.1;date_last_modif
ied=2022-08-02;Name=Smp_140520.1;product=Ankyrin repeat domain-
containing protein 50;date_creation=2022-07-27
SM_V9_1 iris    exon    36694075        36694265        .       +
        .       Parent=Smp_140520.1;Name=fcae3b6c-2931-407b-aed5-
ec17f6665d5c
SM_V9_1 iris    exon    36695940        36698739        .       +
        .       Parent=Smp_140520.1;Name=f208b1ae-3da7-4286-b103-
ca2835ea88ba
SM_V9_1 iris    exon    36709198        36709422        .       +
        .
Parent=Smp_140520.1;Name=26805020-2950-412f-9987-3d9ffacdbf1f
SM_V9_1 iris    exon    36719438        36719675        .       +
        .       Parent=Smp_140520.1;Name=533f6045-2689-4338-
bb07-5db5c54a5fe6
SM_V9_1 iris    exon    36723681        36723983        .       +
        .       Parent=Smp_140520.1;Name=31703147-47c7-4354-bcee-
ea0058bfb0d6
SM_V9_1 iris    exon    36724610        36724952        .       +
        .       Parent=Smp_140520.1;Name=675c3555-d3de-48a4-
ba65-6c51339e83e5
SM_V9_1 iris    exon    36728188        36728406        .       +
        .       Parent=Smp_140520.1;Name=338be2c5-37ca-44f3-
b51d-2f14c10d2d7c
SM_V9_1 iris    exon    36730866        36731066        .       +
        .       Parent=Smp_140520.1;Name=e6478791-b81f-478d-a03c-
cee3bef339b9
SM_V9_1 iris    exon    36732948        36733323        .       +
        .
Parent=Smp_140520.1;Name=0e978dc3-0267-482c-8d60-99cf944e401a
SM_V9_1 iris    exon    36738250        36738624        .       +
        .       Parent=Smp_140520.1;Name=2ffd753e-e9c5-4e6b-
a93c-858530c25aa2
SM_V9_1 iris    exon    36742055        36743082        .       +
        .       Parent=Smp_140520.1;Name=55584da2-908d-486a-bb12-
edf0c51e6c58
SM_V9_1 iris    CDS     36696204        36698739        .       +
        0       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36709198        36709422        .       +
        2       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36719438        36719675        .       +
        2       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36723681        36723983        .       +
        1       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36724610        36724952        .       +
        1       Parent=Smp_140520.1
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SM_V9_1 iris    CDS     36728188        36728406        .       +
        0       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36730866        36731066        .       +
        0       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36732948        36733323        .       +
        0       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36738250        36738624        .       +
        2       Parent=Smp_140520.1
SM_V9_1 iris    CDS     36742055        36742635        .       +
        2       Parent=Smp_140520.1
SM_V9_1 iris    gene    36747985        36752472        .       +
        .
ID=Smp_140510;geneID=Smp_140510;gene_name=Smp_140510;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36747985        36752472        .       +
        .
ID=Smp_140510.1;Parent=Smp_140510;geneID=Smp_140510;gene_name=Smp_14
0510;owner=irisadmin@local.host;orig_id=Smp_140510.1;date_last_modif
ied=2022-08-02;Name=Smp_140510.1;product=TLC domain-containing
protein 2;date_creation=2022-07-27
SM_V9_1 iris    exon    36747985        36748280        .       +
        .
Parent=Smp_140510.1;Name=cf1201e1-42da-4c32-983d-626e6121ed28
SM_V9_1 iris    exon    36748315        36748397        .       +
        .       Parent=Smp_140510.1;Name=7753b0c1-98df-4f54-
beb4-4d4c538b6fd8
SM_V9_1 iris    exon    36748432        36748514        .       +
        .       Parent=Smp_140510.1;Name=5359b544-d169-4f0b-
aa74-7984e41a5550
SM_V9_1 iris    exon    36750919        36752472        .       +
        .
Parent=Smp_140510.1;Name=9150b984-882c-4523-9f19-7b6904b53864
SM_V9_1 iris    CDS     36748063        36748280        .       +
        0       Parent=Smp_140510.1
SM_V9_1 iris    CDS     36748315        36748397        .       +
        1       Parent=Smp_140510.1
SM_V9_1 iris    CDS     36748432        36748514        .       +
        2       Parent=Smp_140510.1
SM_V9_1 iris    CDS     36750919        36751407        .       +
        0       Parent=Smp_140510.1
SM_V9_1 Liftoff gene    36764402        36764650        .       -
        .       ID=Smp_200790;geneID=Smp_200790
SM_V9_1 Liftoff mRNA    36764402        36764650        .       -
        .
ID=Smp_200790.1;Parent=Smp_200790;geneID=Smp_200790;product=Molybden
um cofactor guanylyltransferase
SM_V9_1 Liftoff exon    36764402        36764650        .       -
        .       Parent=Smp_200790.1
SM_V9_1 Liftoff CDS     36764402        36764650        .       -
        0       Parent=Smp_200790.1
SM_V9_1 iris    gene    36827198        36840021        .       -
        .
ID=Smp_033950;geneID=Smp_033950;gene_name=Smp_033950;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
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SM_V9_1 iris    mRNA    36827198        36840021        .       -
        .
ID=Smp_033950.1;Parent=Smp_033950;geneID=Smp_033950;gene_name=Smp_03
3950;owner=irisadmin@local.host;orig_id=Smp_033950.1;date_last_modif
ied=2022-08-02;Name=Smp_033950.1;product=Smad4,
putative;date_creation=2022-07-27
SM_V9_1 iris    exon    36827198        36828402        .       -
        .       Parent=Smp_033950.1;Name=e196097a-
f128-409a-996b-6c0861c0c610
SM_V9_1 iris    exon    36828872        36829215        .       -
        .       Parent=Smp_033950.1;Name=af0b8d6e-7f91-4bc7-a203-
e92c2b97d1f6
SM_V9_1 iris    exon    36829638        36829830        .       -
        .       Parent=Smp_033950.1;Name=4c237c18-
adcd-480f-97f0-102b0716de02
SM_V9_1 iris    exon    36831783        36831970        .       -
        .       Parent=Smp_033950.1;Name=99819d19-0843-4b8e-
ad2f-7330c5a5f629
SM_V9_1 iris    exon    36833334        36833968        .       -
        .       Parent=Smp_033950.1;Name=52224412-a739-4052-
a743-5aa53a9931fb
SM_V9_1 iris    exon    36835245        36835448        .       -
        .       Parent=Smp_033950.1;Name=b068f22f-342d-4ca0-9a63-
ae996e93512d
SM_V9_1 iris    exon    36839290        36839503        .       -
        .       Parent=Smp_033950.1;Name=476f50a2-790b-4a18-
aebd-3456dd695bb9
SM_V9_1 iris    exon    36839545        36839835        .       -
        .
Parent=Smp_033950.1;Name=e2ba6550-1bdb-44a9-9567-0e10edc96d68
SM_V9_1 iris    exon    36839915        36840021        .       -
        .       Parent=Smp_033950.1;Name=c87f553b-6dc4-466c-be03-
f99f6af91d31
SM_V9_1 iris    CDS     36828267        36828402        .       -
        1       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36828872        36829215        .       -
        0       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36829638        36829830        .       -
        1       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36831783        36831970        .       -
        0       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36833334        36833968        .       -
        2       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36835245        36835448        .       -
        2       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36839290        36839503        .       -
        0       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36839545        36839835        .       -
        0       Parent=Smp_033950.1
SM_V9_1 iris    CDS     36839915        36839926        .       -
        0       Parent=Smp_033950.1
SM_V9_1 Liftoff gene    36850295        36884191        .       +
        .
ID=Smp_300500;geneID=Smp_300500;previous_systematic_id=Smp_140500
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SM_V9_1 Liftoff mRNA    36850295        36884191        .       +
        .
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ical protein
SM_V9_1 Liftoff exon    36850295        36852016        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36853985        36854185        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36856259        36856444        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36857725        36857846        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36859510        36859708        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36860682        36860819        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36863937        36864173        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36865988        36866159        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36867771        36867892        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36868579        36868714        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36871363        36871448        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36872293        36872395        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36873737        36873930        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36874177        36874418        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36876732        36876964        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff exon    36877909        36884191        .       +
        .       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36851756        36852016        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36853985        36854185        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36856259        36856444        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36857725        36857846        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36859510        36859708        .       +
        1       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36860682        36860819        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36863937        36864173        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36865988        36866159        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36867771        36867892        .       +
        2       Parent=Smp_300500.1
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SM_V9_1 Liftoff CDS     36868579        36868714        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36871363        36871448        .       +
        2       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36872293        36872395        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36873737        36873930        .       +
        2       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36874177        36874418        .       +
        0       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36876732        36876964        .       +
        1       Parent=Smp_300500.1
SM_V9_1 Liftoff CDS     36877909        36878276        .       +
        2       Parent=Smp_300500.1
SM_V9_1 iris    gene    36885089        36890291        .       -
        .
ID=Smp_033930;geneID=Smp_033930;gene_name=Smp_033930;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    36885089        36890291        .       -
        .
ID=Smp_033930.1;Parent=Smp_033930;geneID=Smp_033930;gene_name=Smp_03
3930;owner=irisadmin@local.host;orig_id=Smp_033930.1;date_last_modif
ied=2022-08-02;Name=Smp_033930.1;product=START domain-containing
protein 10;date_creation=2022-07-27
SM_V9_1 iris    exon    36885089        36885652        .       -
        .
Parent=Smp_033930.1;Name=21ee560d-9d11-42ea-880a-311930baaa37
SM_V9_1 iris    exon    36887648        36887765        .       -
        .
Parent=Smp_033930.1;Name=27b75ec1-07b3-4c75-8d5d-894c4e6f5d1f
SM_V9_1 iris    exon    36887799        36888267        .       -
        .
Parent=Smp_033930.1;Name=35db450c-45ee-469f-9340-478550953fb0
SM_V9_1 iris    exon    36890068        36890291        .       -
        .       Parent=Smp_033930.1;Name=824c123c-367d-42e5-b0c8-
a04881fb42e3
SM_V9_1 iris    CDS     36885351        36885652        .       -
        2       Parent=Smp_033930.1
SM_V9_1 iris    CDS     36887648        36887765        .       -
        0       Parent=Smp_033930.1
SM_V9_1 iris    CDS     36887799        36888245        .       -
        0       Parent=Smp_033930.1
SM_V9_1 Liftoff gene    36931122        36964331        .       -
        .       ID=Smp_140490;geneID=Smp_140490
SM_V9_1 Liftoff mRNA    36931122        36964331        .       -
        .
ID=Smp_140490.1;Parent=Smp_140490;geneID=Smp_140490;product=Antigen
EM13;polypeptide_domain=InterPro:IPR001060,IPR001452,IPR027267,IPR03
1160 Pfam:PF00611,PF14604;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    36931122        36932758        .       -
        .       Parent=Smp_140490.1
SM_V9_1 Liftoff exon    36936175        36936422        .       -
        .       Parent=Smp_140490.1
SM_V9_1 Liftoff exon    36940405        36940619        .       -
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        .       Parent=Smp_140490.1
SM_V9_1 Liftoff exon    36944142        36944262        .       -
        .       Parent=Smp_140490.1
SM_V9_1 Liftoff exon    36945792        36945892        .       -
        .       Parent=Smp_140490.1
SM_V9_1 Liftoff exon    36951045        36951170        .       -
        .       Parent=Smp_140490.1
SM_V9_1 Liftoff exon    36960915        36961184        .       -
        .       Parent=Smp_140490.1
SM_V9_1 Liftoff exon    36963949        36964331        .       -
        .       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36932646        36932758        .       -
        2       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36936175        36936422        .       -
        1       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36940405        36940619        .       -
        0       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36944142        36944262        .       -
        1       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36945792        36945892        .       -
        0       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36951045        36951170        .       -
        0       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36960915        36961184        .       -
        0       Parent=Smp_140490.1
SM_V9_1 Liftoff CDS     36963949        36964242        .       -
        0       Parent=Smp_140490.1
SM_V9_1 Liftoff gene    36983392        36983834        .       +
        .       ID=Smp_140480;geneID=Smp_140480
SM_V9_1 Liftoff mRNA    36983392        36983834        .       +
        .
ID=Smp_140480.1;Parent=Smp_140480;geneID=Smp_140480;product=Putative
ATP synthase subunit f,
mitochondrial;polypeptide_domain=InterPro:IPR019344 Pfam:PF10206
SM_V9_1 Liftoff exon    36983392        36983834        .       +
        .       Parent=Smp_140480.1
SM_V9_1 Liftoff CDS     36983433        36983759        .       +
        0       Parent=Smp_140480.1
SM_V9_1 iris    gene    36990384        36991996        .       -
        .
ID=Smp_332240;geneID=Smp_332240;gene_name=Smp_332240;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    36990384        36991996        .       -
        .
ID=Smp_332240.1;Parent=Smp_332240;geneID=Smp_332240;gene_name=Smp_33
2240;owner=irisadmin@local.host;orig_id=Smp_332240.1;date_last_modif
ied=2022-07-20;Name=Smp_332240.1;product=Serine/arginine-rich
splicing factor 1;date_creation=2022-07-20
SM_V9_1 iris    exon    36990384        36991102        .       -
        .       Parent=Smp_332240.1;Name=8596d5e5-
cf79-4d7c-8bf2-2abf370fce77
SM_V9_1 iris    exon    36991182        36991337        .       -
        .       Parent=Smp_332240.1;Name=e6beaadc-69cd-4d2a-82a7-
c604109c6f96
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SM_V9_1 iris    exon    36991374        36991749        .       -
        .       Parent=Smp_332240.1;Name=11c088f7-562b-4fb0-a78d-
e3f074f63734
SM_V9_1 iris    exon    36991784        36991996        .       -
        .       Parent=Smp_332240.1;Name=4d9b618a-ad17-40a5-9f15-
b889f9e03e77
SM_V9_1 iris    CDS     36991206        36991337        .       -
        0       Parent=Smp_332240.1
SM_V9_1 iris    CDS     36991374        36991749        .       -
        1       Parent=Smp_332240.1
SM_V9_1 iris    CDS     36991784        36991950        .       -
        0       Parent=Smp_332240.1
SM_V9_1 iris    gene    36994239        36995829        .       -
        .
ID=Smp_332245;geneID=Smp_332245;gene_name=Smp_332245;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    36994239        36995829        .       -
        .
ID=Smp_332245.1;Parent=Smp_332245;geneID=Smp_332245;gene_name=Smp_33
2245;owner=irisadmin@local.host;orig_id=Smp_332240.1;date_last_modif
ied=2022-07-20;Name=Smp_332245.1;date_creation=2022-07-20
SM_V9_1 iris    exon    36994239        36994957        .       -
        .       Parent=Smp_332245.1;Name=050e5d95-5d8e-4547-92df-
b4e55fac9313
SM_V9_1 iris    exon    36995033        36995192        .       -
        .       Parent=Smp_332245.1;Name=Smp_332245.1-CDS
SM_V9_1 iris    exon    36995229        36995604        .       -
        .
Parent=Smp_332245.1;Name=338f40b6-190b-4e0a-87ff-7621c6a1f193
SM_V9_1 iris    exon    36995639        36995829        .       -
        .       Parent=Smp_332245.1;Name=b4ca8bc0-2573-4e6c-aa2e-
b793ec8e2cb1
SM_V9_1 iris    CDS     36995061        36995192        .       -
        0       Parent=Smp_332245.1
SM_V9_1 iris    CDS     36995229        36995604        .       -
        1       Parent=Smp_332245.1
SM_V9_1 iris    CDS     36995639        36995805        .       -
        0       Parent=Smp_332245.1
SM_V9_1 Liftoff gene    36998124        36999699        .       -
        .
ID=Smp_317550;geneID=Smp_317550;previous_systematic_id=Smp_185230
SM_V9_1 Liftoff mRNA    36998124        36999699        .       -
        .
ID=Smp_317550.1;Parent=Smp_317550;geneID=Smp_317550;product=Serine/
arginine-rich splicing factor
1;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    36998124        36999047        .       -
        .       Parent=Smp_317550.1
SM_V9_1 Liftoff exon    36999084        36999459        .       -
        .       Parent=Smp_317550.1
SM_V9_1 Liftoff exon    36999494        36999699        .       -
        .       Parent=Smp_317550.1
SM_V9_1 Liftoff CDS     36998916        36999047        .       -
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        0       Parent=Smp_317550.1
SM_V9_1 Liftoff CDS     36999084        36999459        .       -
        1       Parent=Smp_317550.1
SM_V9_1 Liftoff CDS     36999494        36999660        .       -
        0       Parent=Smp_317550.1
SM_V9_1 iris    gene    37004693        37012619        .       -
        .
ID=Smp_310470;geneID=Smp_310470;gene_name=Smp_310470;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    37004693        37012619        .       -
        .
ID=Smp_310470.1;Parent=Smp_310470;geneID=Smp_310470;gene_name=Smp_31
0470;owner=irisadmin@local.host;orig_id=Smp_310470.1;date_last_modif
ied=2022-07-20;Name=Smp_310470.1;product=Zinc finger B-box domain-
containing protein 1;date_creation=2022-07-20
SM_V9_1 iris    exon    37004693        37005002        .       -
        .       Parent=Smp_310470.1;Name=3f8847cf-e88d-459a-823a-
c347de80b63f
SM_V9_1 iris    exon    37005914        37005969        .       -
        .       Parent=Smp_310470.1;Name=cf0340d8-6526-4637-a235-
ffcca31b8e10
SM_V9_1 iris    exon    37008198        37008325        .       -
        .       Parent=Smp_310470.1;Name=bb161442-80d1-4e66-b560-
da2eda34621e
SM_V9_1 iris    exon    37008410        37008582        .       -
        .       Parent=Smp_310470.1;Name=08f61c47-3216-4de6-854b-
d0fdc833fbd0
SM_V9_1 iris    exon    37009716        37010037        .       -
        .       Parent=Smp_310470.1;Name=876ea4cd-adb5-4ae5-a6d5-
b771a05ea951
SM_V9_1 iris    exon    37011600        37011686        .       -
        .
Parent=Smp_310470.1;Name=d832bee2-0122-441b-8e3b-758606ba07dc
SM_V9_1 iris    exon    37011717        37011812        .       -
        .       Parent=Smp_310470.1;Name=bf80f675-d700-4e4c-a88b-
d06b27322fdf
SM_V9_1 iris    exon    37011845        37011972        .       -
        .       Parent=Smp_310470.1;Name=0620fd7b-c59c-4d48-8106-
a765fc1a613e
SM_V9_1 iris    exon    37012006        37012054        .       -
        .       Parent=Smp_310470.1;Name=c287c912-390a-4c38-860c-
f4e716cb3bf9
SM_V9_1 iris    exon    37012096        37012171        .       -
        .       Parent=Smp_310470.1;Name=e23189a0-db78-4bae-bb8c-
bbc30c72c0ec
SM_V9_1 iris    exon    37012207        37012329        .       -
        .       Parent=Smp_310470.1;Name=f2653e7d-fa78-48a1-951c-
d61bbf92a066
SM_V9_1 iris    exon    37012365        37012619        .       -
        .
Parent=Smp_310470.1;Name=cb8edc2d-4566-4b47-8b54-8d49aba7304b
SM_V9_1 iris    CDS     37004830        37005002        .       -
        2       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37005914        37005969        .       -
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        1       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37008198        37008325        .       -
        0       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37008410        37008582        .       -
        2       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37009716        37010037        .       -
        0       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37011600        37011686        .       -
        0       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37011717        37011812        .       -
        0       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37011845        37011972        .       -
        2       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37012006        37012054        .       -
        0       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37012096        37012171        .       -
        1       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37012207        37012329        .       -
        1       Parent=Smp_310470.1
SM_V9_1 iris    CDS     37012365        37012387        .       -
        0       Parent=Smp_310470.1
SM_V9_1 iris    gene    37021462        37028197        .       +
        .
ID=Smp_033870;geneID=Smp_033870;gene_name=Smp_033870;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    37021462        37028197        .       +
        .
ID=Smp_033870.1;Parent=Smp_033870;geneID=Smp_033870;gene_name=Smp_03
3870;owner=irisadmin@local.host;orig_id=Smp_033870.1;date_last_modif
ied=2022-07-20;Name=Smp_033870.1;product=FYVE, RhoGEF and PH domain-
containing protein 3;date_creation=2022-07-20
SM_V9_1 iris    exon    37021462        37021708        .       +
        .       Parent=Smp_033870.1;Name=899d2a13-fe64-484b-840b-
d4ff97059e35
SM_V9_1 iris    exon    37021752        37021827        .       +
        .       Parent=Smp_033870.1;Name=08f47366-614b-48ce-9e84-
a9f015e3d78a
SM_V9_1 iris    exon    37021864        37021955        .       +
        .       Parent=Smp_033870.1;Name=7403f6f7-4023-4fb2-
a1d1-3767f5a90cbf
SM_V9_1 iris    exon    37022692        37022973        .       +
        .       Parent=Smp_033870.1;Name=11df5b67-e33f-4e62-
ac35-5d6efc35ac2b
SM_V9_1 iris    exon    37025278        37025751        .       +
        .       Parent=Smp_033870.1;Name=410739e0-5ae3-4423-
a18d-1db64181a6ad
SM_V9_1 iris    exon    37026816        37028197        .       +
        .       Parent=Smp_033870.1;Name=cc443696-9ae3-48e2-9053-
d33f47f8b1a9
SM_V9_1 iris    CDS     37021576        37021708        .       +
        0       Parent=Smp_033870.1
SM_V9_1 iris    CDS     37021752        37021827        .       +
        2       Parent=Smp_033870.1
SM_V9_1 iris    CDS     37021864        37021955        .       +
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        1       Parent=Smp_033870.1
SM_V9_1 iris    CDS     37022692        37022973        .       +
        2       Parent=Smp_033870.1
SM_V9_1 iris    CDS     37025278        37025751        .       +
        2       Parent=Smp_033870.1
SM_V9_1 iris    CDS     37026816        37026853        .       +
        2       Parent=Smp_033870.1
SM_V9_1 Liftoff gene    37068859        37123379        .       -
        .       ID=Smp_140460;geneID=Smp_140460
SM_V9_1 Liftoff mRNA    37068859        37090339        .       -
        .
ID=Smp_140460.1;Parent=Smp_140460;geneID=Smp_140460;product=Centroso
mal protein of 120 kDa
SM_V9_1 Liftoff exon    37068859        37069918        .       -
        .       Parent=Smp_140460.1
SM_V9_1 Liftoff exon    37071627        37071814        .       -
        .       Parent=Smp_140460.1
SM_V9_1 Liftoff exon    37090020        37090339        .       -
        .       Parent=Smp_140460.1
SM_V9_1 Liftoff CDS     37069554        37069918        .       -
        2       Parent=Smp_140460.1
SM_V9_1 Liftoff CDS     37071627        37071814        .       -
        1       Parent=Smp_140460.1
SM_V9_1 Liftoff CDS     37090020        37090033        .       -
        0       Parent=Smp_140460.1
SM_V9_1 Liftoff mRNA    37068859        37099899        .       -
        .
ID=Smp_140460.3;Parent=Smp_140460;geneID=Smp_140460;product=Centroso
mal protein of 120 kDa
SM_V9_1 Liftoff exon    37068859        37069918        .       -
        .       Parent=Smp_140460.3
SM_V9_1 Liftoff exon    37071627        37071814        .       -
        .       Parent=Smp_140460.3
SM_V9_1 Liftoff exon    37093494        37099899        .       -
        .       Parent=Smp_140460.3
SM_V9_1 Liftoff CDS     37069554        37069918        .       -
        2       Parent=Smp_140460.3
SM_V9_1 Liftoff CDS     37071627        37071814        .       -
        1       Parent=Smp_140460.3
SM_V9_1 Liftoff CDS     37093494        37093546        .       -
        0       Parent=Smp_140460.3
SM_V9_1 Liftoff mRNA    37068859        37123379        .       -
        .
ID=Smp_140460.2;Parent=Smp_140460;geneID=Smp_140460;product=Centroso
mal protein of 120 kDa
SM_V9_1 Liftoff exon    37068859        37069918        .       -
        .       Parent=Smp_140460.2
SM_V9_1 Liftoff exon    37071627        37071814        .       -
        .       Parent=Smp_140460.2
SM_V9_1 Liftoff exon    37114245        37123379        .       -
        .       Parent=Smp_140460.2
SM_V9_1 Liftoff CDS     37069554        37069918        .       -
        2       Parent=Smp_140460.2
SM_V9_1 Liftoff CDS     37071627        37071814        .       -
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        1       Parent=Smp_140460.2
SM_V9_1 Liftoff CDS     37114245        37114294        .       -
        0       Parent=Smp_140460.2
SM_V9_1 iris    gene    37136611        37140439        .       -
        .
ID=Smp_211120;geneID=Smp_211120;gene_name=Smp_211120;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    37136611        37140439        .       -
        .
ID=Smp_211120.1;Parent=Smp_211120;geneID=Smp_211120;gene_name=Smp_21
1120;owner=irisadmin@local.host;orig_id=Smp_211120.1;date_last_modif
ied=2022-07-20;Name=Smp_211120.1;product=Circulating cathodic
antigen;date_creation=2022-07-20
SM_V9_1 iris    exon    37136611        37137876        .       -
        .       Parent=Smp_211120.1;Name=608ac9ab-
bddc-4722-98d9-86efbb3f79a7
SM_V9_1 iris    exon    37138137        37138331        .       -
        .
Parent=Smp_211120.1;Name=95cf29a9-84cb-49cc-98ad-3921760cb038
SM_V9_1 iris    exon    37139001        37139150        .       -
        .
Parent=Smp_211120.1;Name=5e814acd-6f83-46d8-92f9-100dbfda7115
SM_V9_1 iris    exon    37139556        37139595        .       -
        .       Parent=Smp_211120.1;Name=ffca968f-b9a3-46b7-b717-
ddfa499978ad
SM_V9_1 iris    exon    37140397        37140439        .       -
        .       Parent=Smp_211120.1;Name=21fac800-7fc1-4ac5-b18f-
e73e8f2eff7a
SM_V9_1 iris    CDS     37137181        37137876        .       -
        0       Parent=Smp_211120.1
SM_V9_1 iris    CDS     37138137        37138331        .       -
        0       Parent=Smp_211120.1
SM_V9_1 iris    CDS     37139001        37139138        .       -
        0       Parent=Smp_211120.1
SM_V9_1 iris    gene    37141286        37154831        .       -
        .
ID=Smp_347360;geneID=Smp_347360;gene_name=Smp_347360;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    37141286        37154831        .       -
        .
ID=Smp_347360.1;Parent=Smp_347360;geneID=Smp_347360;gene_name=Smp_34
7360;owner=irisadmin@local.host;orig_id=Smp_347360.1;date_last_modif
ied=2022-07-20;Name=Smp_347360.1;product=Cleavage and
polyadenylation specificity factor subunit
2;date_creation=2022-07-20
SM_V9_1 iris    exon    37141286        37141677        .       -
        .       Parent=Smp_347360.1;Name=266f2950-
c522-4edb-8964-50e437f43f3d
SM_V9_1 iris    exon    37142475        37142789        .       -
        .       Parent=Smp_347360.1;Name=10272c73-a3c4-4e86-8689-
db0f6539d733
SM_V9_1 iris    exon    37144583        37144783        .       -
        .       Parent=Smp_347360.1;Name=559dd4d2-5195-4c39-bf9c-
e27a82974d55
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SM_V9_1 iris    exon    37146788        37146957        .       -
        .       Parent=Smp_347360.1;Name=6bf1b35a-033d-4b9e-
bdfa-44030463d12e
SM_V9_1 iris    exon    37148664        37148763        .       -
        .
Parent=Smp_347360.1;Name=aeb27afd-23ed-4cae-9ea7-4af6bce2483a
SM_V9_1 iris    exon    37150226        37150653        .       -
        .       Parent=Smp_347360.1;Name=c1d04cbf-5ff3-401a-800c-
c8d5a05c3f71
SM_V9_1 iris    exon    37152457        37152871        .       -
        .
Parent=Smp_347360.1;Name=27a70c1b-7c60-41ba-842e-1cb784e854ee
SM_V9_1 iris    exon    37152903        37153103        .       -
        .       Parent=Smp_347360.1;Name=7ffdb0e6-46aa-498b-9396-
ed20d92e709e
SM_V9_1 iris    exon    37153903        37154046        .       -
        .
Parent=Smp_347360.1;Name=1f296317-92f9-4a3e-9066-0d9546da5eb3
SM_V9_1 iris    exon    37154079        37154248        .       -
        .       Parent=Smp_347360.1;Name=0b5d9072-e262-4f65-ad70-
d40d226b5507
SM_V9_1 iris    exon    37154283        37154664        .       -
        .
Parent=Smp_347360.1;Name=9065edb2-4a0b-4c35-976b-835b9c24dad7
SM_V9_1 iris    exon    37154700        37154831        .       -
        .       Parent=Smp_347360.1;Name=1e0dd644-cf61-4996-
a0b9-846d700be0a4
SM_V9_1 iris    CDS     37141498        37141677        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37142475        37142789        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37144583        37144783        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37146788        37146957        .       -
        2       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37148664        37148763        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37150226        37150653        .       -
        2       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37152457        37152871        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37152903        37153103        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37153903        37154046        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37154079        37154248        .       -
        2       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37154283        37154664        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    CDS     37154700        37154774        .       -
        0       Parent=Smp_347360.1
SM_V9_1 iris    gene    37161203        37175112        .       +
        .
ID=Smp_140440;geneID=Smp_140440;gene_name=Smp_140440;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    37161203        37175112        .       +
        .
ID=Smp_140440.1;Parent=Smp_140440;geneID=Smp_140440;gene_name=Smp_14
0440;owner=irisadmin@local.host;orig_id=Smp_140440.1;date_last_modif
ied=2022-08-02;Name=Smp_140440.1;product=Protein
SAND;date_creation=2022-07-27
SM_V9_1 iris    exon    37161203        37161318        .       +
        .
Parent=Smp_140440.1;Name=fad9d5b7-687a-44a8-95d1-78c188b3a15d
SM_V9_1 iris    exon    37161910        37162160        .       +
        .       Parent=Smp_140440.1;Name=3239e793-7bb1-471e-86d9-
dea09a0e845a
SM_V9_1 iris    exon    37162193        37162576        .       +
        .       Parent=Smp_140440.1;Name=da00b3ba-686b-42e1-
b4a0-460ab40e4e91
SM_V9_1 iris    exon    37163553        37163777        .       +
        .       Parent=Smp_140440.1;Name=f8b8497c-9b2a-4aa1-b75e-
f6293bc9ba11
SM_V9_1 iris    exon    37166707        37166885        .       +
        .       Parent=Smp_140440.1;Name=75edf9b2-2a9c-4f4c-a15e-
becdb3243c4e
SM_V9_1 iris    exon    37167978        37168092        .       +
        .       Parent=Smp_140440.1;Name=b1d5b6b9-
b6c7-4020-8265-750635942703
SM_V9_1 iris    exon    37172487        37172846        .       +
        .       Parent=Smp_140440.1;Name=7d4ad34b-1321-4f7e-976f-
b0635f6dc667
SM_V9_1 iris    exon    37174870        37175112        .       +
        .       Parent=Smp_140440.1;Name=0aeae455-8bc5-40dd-9d8d-
a2c8a7db31d2
SM_V9_1 iris    CDS     37162002        37162160        .       +
        0       Parent=Smp_140440.1
SM_V9_1 iris    CDS     37162193        37162576        .       +
        0       Parent=Smp_140440.1
SM_V9_1 iris    CDS     37163553        37163777        .       +
        0       Parent=Smp_140440.1
SM_V9_1 iris    CDS     37166707        37166885        .       +
        0       Parent=Smp_140440.1
SM_V9_1 iris    CDS     37167978        37168092        .       +
        1       Parent=Smp_140440.1
SM_V9_1 iris    CDS     37172487        37172846        .       +
        0       Parent=Smp_140440.1
SM_V9_1 iris    CDS     37174870        37175010        .       +
        0       Parent=Smp_140440.1
SM_V9_1 Liftoff gene    37185497        37185703        .       +
        .       ID=Smp_201870;geneID=Smp_201870
SM_V9_1 Liftoff mRNA    37185497        37185703        .       +
        .
ID=Smp_201870.1;Parent=Smp_201870;geneID=Smp_201870;product=Lon
protease
SM_V9_1 Liftoff exon    37185497        37185703        .       +
        .       Parent=Smp_201870.1
SM_V9_1 Liftoff CDS     37185497        37185703        .       +
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        0       Parent=Smp_201870.1
SM_V9_1 iris    gene    37192635        37204366        .       -
        .
ID=Smp_140430;geneID=Smp_140430;gene_name=Smp_140430;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    37192635        37204366        .       -
        .
ID=Smp_140430.1;Parent=Smp_140430;geneID=Smp_140430;gene_name=Smp_14
0430;owner=irisadmin@local.host;orig_id=Smp_140430.1;date_last_modif
ied=2022-07-20;Name=Smp_140430.1;product=Adenosine deaminase-like
protein A;date_creation=2022-07-20
SM_V9_1 iris    exon    37192635        37192901        .       -
        .       Parent=Smp_140430.1;Name=fc85704d-5edb-49d2-acf2-
e10d0c4caf56
SM_V9_1 iris    exon    37195006        37195106        .       -
        .
Parent=Smp_140430.1;Name=7bfaaf17-8871-4e4b-9a2b-8355f71f1022
SM_V9_1 iris    exon    37200491        37200713        .       -
        .
Parent=Smp_140430.1;Name=51aaa724-0ab9-4c97-8075-11f106cdaace
SM_V9_1 iris    exon    37201784        37202065        .       -
        .
Parent=Smp_140430.1;Name=c2acedc5-31f1-44ff-973d-85560191873a
SM_V9_1 iris    exon    37203926        37203986        .       -
        .       Parent=Smp_140430.1;Name=ea6de503-74a5-4356-bea5-
ac46c58acee0
SM_V9_1 iris    exon    37204029        37204156        .       -
        .
Parent=Smp_140430.1;Name=e5f28f65-7143-4084-8093-7db8766bc15f
SM_V9_1 iris    exon    37204195        37204279        .       -
        .       Parent=Smp_140430.1;Name=f1b2ea3c-1c35-40d1-b62a-
edcfe2bb3864
SM_V9_1 iris    exon    37204321        37204366        .       -
        .
Parent=Smp_140430.1;Name=d9518a00-7ca6-48bc-962a-86bf87100460
SM_V9_1 iris    CDS     37192692        37192901        .       -
        0       Parent=Smp_140430.1
SM_V9_1 iris    CDS     37195006        37195106        .       -
        2       Parent=Smp_140430.1
SM_V9_1 iris    CDS     37200491        37200713        .       -
        0       Parent=Smp_140430.1
SM_V9_1 iris    CDS     37201784        37202065        .       -
        0       Parent=Smp_140430.1
SM_V9_1 iris    CDS     37203926        37203986        .       -
        1       Parent=Smp_140430.1
SM_V9_1 iris    CDS     37204029        37204156        .       -
        0       Parent=Smp_140430.1
SM_V9_1 iris    CDS     37204195        37204227        .       -
        0       Parent=Smp_140430.1
SM_V9_1 iris    gene    37218959        37275558        .       +
        .
ID=Smp_140420;geneID=Smp_140420;gene_name=Smp_140420;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    37218959        37275558        .       +
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ID=Smp_140420.1;Parent=Smp_140420;geneID=Smp_140420;gene_name=Smp_14
0420;owner=irisadmin@local.host;orig_id=Smp_140420.1;date_last_modif
ied=2022-08-02;Name=Smp_140420.1;product=5'-3' exoribonuclease
1;date_creation=2022-07-27
SM_V9_1 iris    exon    37218959        37219068        .       +
        .       Parent=Smp_140420.1;Name=8351b553-125e-4823-
a268-0ed67b300d2a
SM_V9_1 iris    exon    37221032        37221157        .       +
        .       Parent=Smp_140420.1;Name=5538d200-6a48-4bd2-8c81-
d6477f46f17d
SM_V9_1 iris    exon    37221195        37221295        .       +
        .       Parent=Smp_140420.1;Name=3ef767bf-3f8c-4f1e-
b875-5a3c6c25f77d
SM_V9_1 iris    exon    37221368        37221456        .       +
        .       Parent=Smp_140420.1;Name=4a97bf9d-
c7bd-4560-9492-01b9ade123e0
SM_V9_1 iris    exon    37224606        37224715        .       +
        .       Parent=Smp_140420.1;Name=a71e312d-
cc4a-4fce-82ea-0b27e45f61ec
SM_V9_1 iris    exon    37226602        37226712        .       +
        .       Parent=Smp_140420.1;Name=8fa82b20-1fb1-41b6-802a-
bece7642146e
SM_V9_1 iris    exon    37233995        37234062        .       +
        .       Parent=Smp_140420.1;Name=760858f1-8999-4cae-b7cd-
f3acf427e226
SM_V9_1 iris    exon    37235714        37235801        .       +
        .       Parent=Smp_140420.1;Name=dc27f8c5-31de-4372-
bd80-9559a082cce8
SM_V9_1 iris    exon    37236462        37236630        .       +
        .
Parent=Smp_140420.1;Name=589616c6-5e33-4928-8fe8-26b3e6f73195
SM_V9_1 iris    exon    37237508        37237575        .       +
        .       Parent=Smp_140420.1;Name=afd32a33-c44e-4072-8c15-
da801338d43d
SM_V9_1 iris    exon    37238729        37238927        .       +
        .       Parent=Smp_140420.1;Name=00c86084-
b54f-44b8-851e-4581e70577ce
SM_V9_1 iris    exon    37239674        37240461        .       +
        .       Parent=Smp_140420.1;Name=d31b4834-a8e7-47d2-959e-
dae2444c0dde
SM_V9_1 iris    exon    37241439        37241741        .       +
        .       Parent=Smp_140420.1;Name=f3b5fcbc-7866-4db4-8bf2-
f95e526db182
SM_V9_1 iris    exon    37242858        37243036        .       +
        .       Parent=Smp_140420.1;Name=f592ceab-
d715-4b10-808c-216ce60511e6
SM_V9_1 iris    exon    37245279        37245960        .       +
        .       Parent=Smp_140420.1;Name=8e23980c-4129-4543-
ade8-3990ddd8cde1
SM_V9_1 iris    exon    37246979        37247077        .       +
        .       Parent=Smp_140420.1;Name=b4477793-
ec76-464d-8ba6-8b778c2f822f
SM_V9_1 iris    exon    37249017        37249298        .       +
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Parent=Smp_140420.1;Name=8ba2be0c-5daa-42a4-8e2d-4de54887ec2a
SM_V9_1 iris    exon    37253493        37253659        .       +
        .
Parent=Smp_140420.1;Name=bba091aa-0707-42ed-86bb-7da2b61f1819
SM_V9_1 iris    exon    37255434        37255650        .       +
        .       Parent=Smp_140420.1;Name=fe90685a-dff9-4f75-b410-
ccfdef684720
SM_V9_1 iris    exon    37257028        37257214        .       +
        .
Parent=Smp_140420.1;Name=8b2f9926-40a3-41b3-9e34-237e445fbf96
SM_V9_1 iris    exon    37260842        37260917        .       +
        .       Parent=Smp_140420.1;Name=b8a6bcfd-7d57-4a23-be0b-
aebc86ed76d4
SM_V9_1 iris    exon    37265767        37266106        .       +
        .
Parent=Smp_140420.1;Name=d498623f-1d92-4eec-9a6a-704047d1127d
SM_V9_1 iris    exon    37268238        37268292        .       +
        .       Parent=Smp_140420.1;Name=2ed2d3ab-bf02-4d40-8ee6-
fbdf7c5ca288
SM_V9_1 iris    exon    37270201        37270999        .       +
        .       Parent=Smp_140420.1;Name=f295e84a-7946-48eb-acdc-
d7da33f55309
SM_V9_1 iris    exon    37273469        37273613        .       +
        .       Parent=Smp_140420.1;Name=5cb66ca0-78b1-489e-
a3e4-4910f25a7ad6
SM_V9_1 iris    exon    37275172        37275558        .       +
        .
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SM_V9_1 iris    CDS     37221062        37221157        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37221195        37221295        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37221368        37221456        .       +
        1       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37224606        37224715        .       +
        2       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37226602        37226712        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37233995        37234062        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37235714        37235801        .       +
        1       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37236462        37236630        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37237508        37237575        .       +
        2       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37238729        37238927        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37239674        37240461        .       +
        2       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37241439        37241741        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37242858        37243036        .       +
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        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37245279        37245960        .       +
        1       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37246979        37247077        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37249017        37249298        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37253493        37253659        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37255434        37255650        .       +
        1       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37257028        37257214        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37260842        37260917        .       +
        2       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37265767        37266106        .       +
        1       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37268238        37268292        .       +
        0       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37270201        37270999        .       +
        2       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37273469        37273613        .       +
        1       Parent=Smp_140420.1
SM_V9_1 iris    CDS     37275172        37275195        .       +
        0       Parent=Smp_140420.1
SM_V9_1 Liftoff gene    37276267        37297259        .       -
        .
ID=Smp_337580;geneID=Smp_337580;previous_systematic_id=Smp_140410,Sm
p_192170
SM_V9_1 Liftoff mRNA    37276267        37297259        .       -
        .
ID=Smp_337580.1;Parent=Smp_337580;geneID=Smp_337580;product=MAGUK
p55 subfamily member
6;polypeptide_domain=InterPro:IPR001452,IPR001478,IPR004172,IPR00814
4,IPR008145,IPR011511,IPR027417
Pfam:PF00625,PF07653;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    37276267        37276972        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37278115        37278342        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37279910        37280013        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37280755        37280950        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37286290        37286442        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37286727        37286858        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37289395        37289646        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37293423        37293968        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff exon    37295914        37296020        .       -
        .       Parent=Smp_337580.1
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SM_V9_1 Liftoff exon    37296065        37297259        .       -
        .       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37276796        37276972        .       -
        0       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37278115        37278342        .       -
        0       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37279910        37280013        .       -
        2       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37280755        37280950        .       -
        0       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37286290        37286442        .       -
        0       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37286727        37286858        .       -
        0       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37289395        37289646        .       -
        0       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37293423        37293968        .       -
        0       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37295914        37296020        .       -
        2       Parent=Smp_337580.1
SM_V9_1 Liftoff CDS     37296065        37296086        .       -
        0       Parent=Smp_337580.1
SM_V9_1 iris    gene    37302457        37312933        .       +
        .
ID=Smp_140400;geneID=Smp_140400;gene_name=Smp_140400;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    37302457        37312933        .       +
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ID=Smp_140400.1;Parent=Smp_140400;geneID=Smp_140400;gene_name=Smp_14
0400;owner=irisadmin@local.host;orig_id=Smp_140400.1;date_last_modif
ied=2022-08-29;Name=Smp_140400.1;product=Male-specific lethal 3
homolog;date_creation=2022-08-29
SM_V9_1 iris    exon    37302457        37302487        .       +
        .
Parent=Smp_140400.1;Name=00673f84-69b1-4ef1-94f1-855e5f55c97a
SM_V9_1 iris    exon    37304863        37305003        .       +
        .       Parent=Smp_140400.1;Name=b03dacac-65f2-4da6-b095-
a846d70bfa9a
SM_V9_1 iris    exon    37305036        37305200        .       +
        .
Parent=Smp_140400.1;Name=c775c796-3062-4951-9231-8ff7f3051787
SM_V9_1 iris    exon    37305235        37305510        .       +
        .       Parent=Smp_140400.1;Name=664d490a-7b75-4c40-
b2f7-79181ad79d95
SM_V9_1 iris    exon    37305545        37305758        .       +
        .       Parent=Smp_140400.1;Name=054f0752-31b3-491a-
a89c-83d64a4209c1
SM_V9_1 iris    exon    37306567        37306732        .       +
        .       Parent=Smp_140400.1;Name=defc586d-6604-4b45-924c-
ba8c942c7a6e
SM_V9_1 iris    exon    37308388        37308575        .       +
        .       Parent=Smp_140400.1;Name=c7552333-c37e-48b6-9b41-
eb29d47e47e5
SM_V9_1 iris    exon    37309944        37310096        .       +
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Parent=Smp_140400.1;Name=8370462f-7312-4fd0-80f4-4110151e1d4c
SM_V9_1 iris    exon    37311704        37312933        .       +
        .
Parent=Smp_140400.1;Name=e3becc29-9790-47d6-888d-97c46f5c1ca2
SM_V9_1 iris    CDS     37304911        37305003        .       +
        0       Parent=Smp_140400.1
SM_V9_1 iris    CDS     37305036        37305200        .       +
        0       Parent=Smp_140400.1
SM_V9_1 iris    CDS     37305235        37305510        .       +
        0       Parent=Smp_140400.1
SM_V9_1 iris    CDS     37305545        37305758        .       +
        0       Parent=Smp_140400.1
SM_V9_1 iris    CDS     37306567        37306732        .       +
        2       Parent=Smp_140400.1
SM_V9_1 iris    CDS     37308388        37308575        .       +
        1       Parent=Smp_140400.1
SM_V9_1 iris    CDS     37309944        37310096        .       +
        2       Parent=Smp_140400.1
SM_V9_1 iris    CDS     37311704        37312332        .       +
        2       Parent=Smp_140400.1
SM_V9_1 Liftoff gene    37313223        37320380        .       +
        .       ID=Smp_033770;geneID=Smp_033770
SM_V9_1 Liftoff mRNA    37313223        37320380        .       +
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ID=Smp_033770.1;Parent=Smp_033770;geneID=Smp_033770;product=Pentatri
copeptide repeat domain-containing protein 3, mitochondrial
SM_V9_1 Liftoff exon    37313223        37314066        .       +
        .       Parent=Smp_033770.1
SM_V9_1 Liftoff exon    37314510        37314665        .       +
        .       Parent=Smp_033770.1
SM_V9_1 Liftoff exon    37315752        37317682        .       +
        .       Parent=Smp_033770.1
SM_V9_1 Liftoff exon    37319987        37320380        .       +
        .       Parent=Smp_033770.1
SM_V9_1 Liftoff CDS     37313719        37314066        .       +
        0       Parent=Smp_033770.1
SM_V9_1 Liftoff CDS     37314510        37314665        .       +
        0       Parent=Smp_033770.1
SM_V9_1 Liftoff CDS     37315752        37317682        .       +
        0       Parent=Smp_033770.1
SM_V9_1 Liftoff CDS     37319987        37320260        .       +
        1       Parent=Smp_033770.1
SM_V9_1 iris    gene    37322815        37339175        .       -
        .
ID=Smp_033760;geneID=Smp_033760;gene_name=Smp_033760;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    37322815        37339175        .       -
        .
ID=Smp_033760.1;Parent=Smp_033760;geneID=Smp_033760;gene_name=Smp_03
3760;owner=irisadmin@local.host;orig_id=Smp_033760.1;date_last_modif
ied=2022-08-29;Name=Smp_033760.1;product=eIF-2-alpha kinase
activator GCN1;date_creation=2022-08-29
SM_V9_1 iris    exon    37322815        37323213        .       -
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SM_V9_1 iris    exon    37323920        37324117        .       -
        .       Parent=Smp_033760.1;Name=308552fa-fbc8-447c-99be-
a453ceedf404
SM_V9_1 iris    exon    37329853        37330057        .       -
        .       Parent=Smp_033760.1;Name=755a647b-
d980-4ffd-977a-6e4c5eacc375
SM_V9_1 iris    exon    37332524        37332847        .       -
        .       Parent=Smp_033760.1;Name=bf730fe0-f10e-4e15-
a33d-609dced02c80
SM_V9_1 iris    exon    37335613        37335870        .       -
        .       Parent=Smp_033760.1;Name=3ba83641-4b25-4107-a462-
aa659b4d6c04
SM_V9_1 iris    exon    37336727        37337056        .       -
        .       Parent=Smp_033760.1;Name=e1e7fd3e-9a5c-41b5-816f-
e3d65d85cc2e
SM_V9_1 iris    exon    37337102        37337404        .       -
        .
Parent=Smp_033760.1;Name=337e08f1-960e-4645-9fd0-578f491d9a0a
SM_V9_1 iris    exon    37337436        37337638        .       -
        .       Parent=Smp_033760.1;Name=fe73ea47-
dccc-420c-8d2e-1783e49df527
SM_V9_1 iris    exon    37339088        37339175        .       -
        .       Parent=Smp_033760.1;Name=b3721a20-0a2f-449a-
bd2d-67dfc0ac0ba8
SM_V9_1 iris    CDS     37322966        37323213        .       -
        2       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37323920        37324117        .       -
        2       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37329853        37330057        .       -
        0       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37332524        37332847        .       -
        0       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37335613        37335870        .       -
        0       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37336727        37337056        .       -
        0       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37337102        37337404        .       -
        0       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37337436        37337638        .       -
        2       Parent=Smp_033760.1
SM_V9_1 iris    CDS     37339088        37339088        .       -
        0       Parent=Smp_033760.1
SM_V9_1 Liftoff gene    37345361        37371430        .       -
        .       ID=Smp_140390;geneID=Smp_140390
SM_V9_1 Liftoff mRNA    37345361        37371430        .       -
        .
ID=Smp_140390.1;Parent=Smp_140390;geneID=Smp_140390;product=Histone-
lysine N-methyltransferase
SETD1;polypeptide_domain=InterPro:IPR000504,IPR001214,IPR003616
Pfam:PF00076,PF00856;Ontology_term=GO:0003676,GO:0005515
SM_V9_1 Liftoff exon    37345361        37345800        .       -
        .       Parent=Smp_140390.1
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SM_V9_1 Liftoff exon    37349303        37349560        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37349861        37350021        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37353453        37353617        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37354440        37355139        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37356953        37357537        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37357582        37357689        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37358550        37358879        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37359318        37359608        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37360833        37361091        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37365630        37365951        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37367728        37368250        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37368787        37369880        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37369916        37370015        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37370052        37370222        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37370260        37370364        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff exon    37370400        37371430        .       -
        .       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37345627        37345800        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37349303        37349560        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37349861        37350021        .       -
        2       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37353453        37353617        .       -
        2       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37354440        37355139        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37356953        37357537        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37357582        37357689        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37358550        37358879        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37359318        37359608        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37360833        37361091        .       -
        1       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37365630        37365951        .       -
        2       Parent=Smp_140390.1
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SM_V9_1 Liftoff CDS     37367728        37368250        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37368787        37369880        .       -
        2       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37369916        37370015        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37370052        37370222        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37370260        37370364        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff CDS     37370400        37370510        .       -
        0       Parent=Smp_140390.1
SM_V9_1 Liftoff gene    37394613        37404257        .       +
        .       ID=Smp_033710;geneID=Smp_033710
SM_V9_1 Liftoff mRNA    37394613        37404257        .       +
        .
ID=Smp_033710.1;Parent=Smp_033710;geneID=Smp_033710;product=vasa-
like DEAD-box RNA helicase;evidence=Traceable Author
Statement;literature=PMID:22720105;polypeptide_domain=InterPro:IPR00
0629,IPR001650,IPR011545,IPR014001,IPR014014,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_1 Liftoff exon    37394613        37394739        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37399286        37399545        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37399583        37400024        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37400060        37400313        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37400347        37400491        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37400523        37400667        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37400709        37400926        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37402787        37403025        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff exon    37403717        37404257        .       +
        .       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37394701        37394739        .       +
        0       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37399286        37399545        .       +
        0       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37399583        37400024        .       +
        1       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37400060        37400313        .       +
        0       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37400347        37400491        .       +
        1       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37400523        37400667        .       +
        0       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37400709        37400926        .       +
        2       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37402787        37403025        .       +
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        0       Parent=Smp_033710.1
SM_V9_1 Liftoff CDS     37403717        37403888        .       +
        1       Parent=Smp_033710.1
SM_V9_1 iris    gene    37404262        37436149        .       -
        .
ID=Smp_033700;geneID=Smp_033700;gene_name=Smp_033700;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    37404262        37436149        .       -
        .
ID=Smp_033700.1;Parent=Smp_033700;geneID=Smp_033700;gene_name=Smp_03
3700;owner=irisadmin@local.host;orig_id=Smp_033700.1;date_last_modif
ied=2022-08-02;Name=Smp_033700.1;product=Deoxyribodipyrimidine
photo-lyase;date_creation=2022-07-27
SM_V9_1 iris    exon    37404262        37404430        .       -
        .       Parent=Smp_033700.1;Name=8e9a370b-2011-4c9f-
ba50-755e7bfb3157
SM_V9_1 iris    exon    37404471        37404755        .       -
        .       Parent=Smp_033700.1;Name=f0863998-
b48e-46ca-84be-718d02e8763b
SM_V9_1 iris    exon    37405310        37405462        .       -
        .       Parent=Smp_033700.1;Name=9ef9b4c7-d22c-4cd7-
afd4-26259e74b39b
SM_V9_1 iris    exon    37407073        37407271        .       -
        .       Parent=Smp_033700.1;Name=d9cb86c4-3696-4105-9968-
af88be776db6
SM_V9_1 iris    exon    37408735        37408893        .       -
        .       Parent=Smp_033700.1;Name=e6cf0536-830b-422a-
aef0-93f6081629fc
SM_V9_1 iris    exon    37418741        37419013        .       -
        .
Parent=Smp_033700.1;Name=c2941b9a-99cb-459b-8d27-772cfc490268
SM_V9_1 iris    exon    37423318        37423463        .       -
        .       Parent=Smp_033700.1;Name=8ba73c3e-4ff4-4251-
b504-818347eb3c47
SM_V9_1 iris    exon    37432885        37433151        .       -
        .
Parent=Smp_033700.1;Name=fd1b05c8-32f1-4580-8f69-48cf862f0bf8
SM_V9_1 iris    exon    37436102        37436149        .       -
        .       Parent=Smp_033700.1;Name=753855e2-
c46a-4fda-8660-732dcb81c59c
SM_V9_1 iris    CDS     37404291        37404430        .       -
        2       Parent=Smp_033700.1
SM_V9_1 iris    CDS     37404471        37404755        .       -
        2       Parent=Smp_033700.1
SM_V9_1 iris    CDS     37405310        37405462        .       -
        2       Parent=Smp_033700.1
SM_V9_1 iris    CDS     37407073        37407271        .       -
        0       Parent=Smp_033700.1
SM_V9_1 iris    CDS     37408735        37408893        .       -
        0       Parent=Smp_033700.1
SM_V9_1 iris    CDS     37418741        37419013        .       -
        0       Parent=Smp_033700.1
SM_V9_1 iris    CDS     37423318        37423463        .       -
        2       Parent=Smp_033700.1
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SM_V9_1 iris    CDS     37432885        37433131        .       -
        0       Parent=Smp_033700.1
SM_V9_1 iris    gene    37450373        37462957        .       +
        .
ID=Smp_140370;geneID=Smp_140370;gene_name=Smp_140370;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    37450373        37462957        .       +
        .
ID=Smp_140370.1;Parent=Smp_140370;geneID=Smp_140370;gene_name=Smp_14
0370;owner=irisadmin@local.host;orig_id=Smp_140370.2;date_last_modif
ied=2022-07-20;Name=Smp_140370.1;product=Phosphatidylinositol 3,4,5-
trisphosphate 3-phosphatase TPTE2;date_creation=2022-07-20
SM_V9_1 iris    exon    37450373        37450567        .       +
        .       Parent=Smp_140370.1;Name=e6bec0c2-
bc2c-4730-9131-3d0b5feef5a1
SM_V9_1 iris    exon    37450611        37450937        .       +
        .       Parent=Smp_140370.1;Name=a02d6fd7-0fc3-4d0a-9707-
dec80a9ce0fa
SM_V9_1 iris    exon    37456555        37456765        .       +
        .       Parent=Smp_140370.1;Name=Smp_140370.1-CDS
SM_V9_1 iris    exon    37458180        37458332        .       +
        .       Parent=Smp_140370.1;Name=737bc622-037d-49c6-8c38-
f65608970d2d
SM_V9_1 iris    exon    37462524        37462957        .       +
        .       Parent=Smp_140370.1;Name=ee439a0b-3bb0-4314-
ba14-4b1af77f6c67
SM_V9_1 iris    CDS     37456633        37456765        .       +
        0       Parent=Smp_140370.1
SM_V9_1 iris    CDS     37458180        37458332        .       +
        2       Parent=Smp_140370.1
SM_V9_1 iris    CDS     37462524        37462723        .       +
        2       Parent=Smp_140370.1
SM_V9_1 Liftoff gene    37467734        37551994        .       -
        .
ID=Smp_343380;geneID=Smp_343380;previous_systematic_id=Smp_140360
SM_V9_1 Liftoff mRNA    37467734        37551994        .       -
        .
ID=Smp_343380.1;Parent=Smp_343380;geneID=Smp_343380;product=SH2
domain-containing adapter protein
F;polypeptide_domain=InterPro:IPR000980 Pfam:PF00017
SM_V9_1 Liftoff exon    37467734        37469252        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37471210        37471329        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37477938        37478367        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37479562        37479946        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37486306        37486377        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37491416        37492158        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37496417        37496761        .       -
        .       Parent=Smp_343380.1
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SM_V9_1 Liftoff exon    37499247        37499551        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37533785        37534263        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37541723        37541905        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff exon    37548895        37551994        .       -
        .       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37469072        37469252        .       -
        1       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37471210        37471329        .       -
        1       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37477938        37478367        .       -
        2       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37479562        37479946        .       -
        0       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37486306        37486377        .       -
        0       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37491416        37492158        .       -
        2       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37496417        37496761        .       -
        2       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37499247        37499551        .       -
        1       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37533785        37534263        .       -
        0       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37541723        37541905        .       -
        0       Parent=Smp_343380.1
SM_V9_1 Liftoff CDS     37548895        37549092        .       -
        0       Parent=Smp_343380.1
SM_V9_1 Liftoff gene    37581408        37589734        .       +
        .
ID=Smp_343370;geneID=Smp_343370;previous_systematic_id=Smp_140350
SM_V9_1 Liftoff mRNA    37581408        37589734        .       +
        .
ID=Smp_343370.1;Parent=Smp_343370;geneID=Smp_343370;product=Retina
and anterior neural fold homeobox protein
2;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    37581408        37583528        .       +
        .       Parent=Smp_343370.1
SM_V9_1 Liftoff exon    37584072        37584847        .       +
        .       Parent=Smp_343370.1
SM_V9_1 Liftoff exon    37589111        37589734        .       +
        .       Parent=Smp_343370.1
SM_V9_1 Liftoff CDS     37583366        37583528        .       +
        0       Parent=Smp_343370.1
SM_V9_1 Liftoff CDS     37584072        37584847        .       +
        2       Parent=Smp_343370.1
SM_V9_1 Liftoff CDS     37589111        37589629        .       +
        0       Parent=Smp_343370.1
SM_V9_1 Liftoff gene    37596574        37612244        .       -
        .       ID=Smp_033680;geneID=Smp_033680
SM_V9_1 Liftoff mRNA    37596574        37612244        .       -
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        .
ID=Smp_033680.1;Parent=Smp_033680;geneID=Smp_033680;product=Spliceos
ome-associated protein CWC15
homolog;polypeptide_domain=InterPro:IPR006973
Pfam:PF04889;Ontology_term=GO:0000398,GO:0005681
SM_V9_1 Liftoff exon    37596574        37596785        .       -
        .       Parent=Smp_033680.1
SM_V9_1 Liftoff exon    37604063        37604551        .       -
        .       Parent=Smp_033680.1
SM_V9_1 Liftoff exon    37610848        37612244        .       -
        .       Parent=Smp_033680.1
SM_V9_1 Liftoff CDS     37596640        37596785        .       -
        2       Parent=Smp_033680.1
SM_V9_1 Liftoff CDS     37604063        37604551        .       -
        2       Parent=Smp_033680.1
SM_V9_1 Liftoff CDS     37610848        37611079        .       -
        0       Parent=Smp_033680.1
SM_V9_1 Liftoff gene    37621165        37622263        .       +
        .
ID=Smp_033670;geneID=Smp_033670;previous_systematic_id=Smp_140340
SM_V9_1 Liftoff mRNA    37621165        37622263        .       +
        .
ID=Smp_033670.1;Parent=Smp_033670;geneID=Smp_033670;product=ATP
synthase subunit gamma,
mitochondrial;polypeptide_domain=InterPro:IPR000131,IPR023632
Pfam:PF00231;Ontology_term=GO:0015986,GO:0045261,GO:0046933
SM_V9_1 Liftoff exon    37621165        37621408        .       +
        .       Parent=Smp_033670.1
SM_V9_1 Liftoff exon    37621440        37621558        .       +
        .       Parent=Smp_033670.1
SM_V9_1 Liftoff exon    37621592        37621827        .       +
        .       Parent=Smp_033670.1
SM_V9_1 Liftoff exon    37621859        37622079        .       +
        .       Parent=Smp_033670.1
SM_V9_1 Liftoff exon    37622114        37622263        .       +
        .       Parent=Smp_033670.1
SM_V9_1 Liftoff CDS     37621207        37621408        .       +
        0       Parent=Smp_033670.1
SM_V9_1 Liftoff CDS     37621440        37621558        .       +
        2       Parent=Smp_033670.1
SM_V9_1 Liftoff CDS     37621592        37621827        .       +
        0       Parent=Smp_033670.1
SM_V9_1 Liftoff CDS     37621859        37622079        .       +
        1       Parent=Smp_033670.1
SM_V9_1 Liftoff CDS     37622114        37622214        .       +
        2       Parent=Smp_033670.1
SM_V9_1 Liftoff gene    37627913        37633864        .       -
        .       ID=Smp_033660;geneID=Smp_033660
SM_V9_1 Liftoff mRNA    37627913        37633864        .       -
        .
ID=Smp_033660.1;Parent=Smp_033660;geneID=Smp_033660;product=N-
acetylglucosamine-6-phosphate
deacetylase;polypeptide_domain=InterPro:IPR006680,IPR011059,IPR03246
6 Pfam:PF01979;Ontology_term=GO:0016787,GO:0016810
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SM_V9_1 Liftoff exon    37627913        37628435        .       -
        .       Parent=Smp_033660.1
SM_V9_1 Liftoff exon    37630218        37630657        .       -
        .       Parent=Smp_033660.1
SM_V9_1 Liftoff exon    37630692        37633864        .       -
        .       Parent=Smp_033660.1
SM_V9_1 Liftoff CDS     37628021        37628435        .       -
        1       Parent=Smp_033660.1
SM_V9_1 Liftoff CDS     37630218        37630657        .       -
        0       Parent=Smp_033660.1
SM_V9_1 Liftoff CDS     37630692        37631201        .       -
        0       Parent=Smp_033660.1
SM_V9_1 Liftoff gene    37640868        37659802        .       +
        .       ID=Smp_140330;geneID=Smp_140330
SM_V9_1 Liftoff mRNA    37640868        37659802        .       +
        .
ID=Smp_140330.1;Parent=Smp_140330;geneID=Smp_140330;product=Clathrin
interactor 1;polypeptide_domain=InterPro:IPR008942,IPR013809
Pfam:PF01417
SM_V9_1 Liftoff exon    37640868        37640972        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37641006        37641207        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37643524        37643662        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37645767        37645938        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37647771        37648034        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37651866        37652130        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37654440        37654729        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37656452        37656593        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff exon    37658477        37659802        .       +
        .       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37640926        37640972        .       +
        0       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37641006        37641207        .       +
        1       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37643524        37643662        .       +
        0       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37645767        37645938        .       +
        2       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37647771        37648034        .       +
        1       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37651866        37652130        .       +
        1       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37654440        37654729        .       +
        0       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37656452        37656593        .       +
        1       Parent=Smp_140330.1
SM_V9_1 Liftoff CDS     37658477        37658707        .       +
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        0       Parent=Smp_140330.1
SM_V9_1 iris    gene    37711498        37757135        .       +
        .
ID=Smp_315700;geneID=Smp_315700;gene_name=Smp_315700;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    37711498        37719088        .       +
        .
ID=Smp_315700.2;Parent=Smp_315700;geneID=Smp_315700;gene_name=Smp_31
5700;owner=irisadmin@local.host;orig_id=Smp_315700.2;date_last_modif
ied=2022-08-02;Name=Smp_315700.2;product=Penicillin-binding protein
1A;date_creation=2022-07-27
SM_V9_1 iris    exon    37711498        37711547        .       +
        .       Parent=Smp_315700.2;Name=b572177f-aa90-4082-bf0c-
c310fb60b043
SM_V9_1 iris    exon    37711635        37711949        .       +
        .       Parent=Smp_315700.2;Name=43bb6d56-0583-4efe-
b931-72644c7163f5
SM_V9_1 iris    exon    37715153        37715204        .       +
        .       Parent=Smp_315700.2;Name=c1edaecd-
ae93-4236-83fa-9efb27ff75e0
SM_V9_1 iris    exon    37716830        37719088        .       +
        .
Parent=Smp_315700.2;Name=a8f751bf-8dc6-4be6-9d17-638ee5b0749c
SM_V9_1 iris    CDS     37711535        37711547        .       +
        0       Parent=Smp_315700.2
SM_V9_1 iris    CDS     37711635        37711949        .       +
        2       Parent=Smp_315700.2
SM_V9_1 iris    CDS     37715153        37715204        .       +
        2       Parent=Smp_315700.2
SM_V9_1 iris    CDS     37716830        37716836        .       +
        1       Parent=Smp_315700.2
SM_V9_1 iris    mRNA    37711498        37757135        .       +
        .
ID=Smp_315700.1;Parent=Smp_315700;geneID=Smp_315700;gene_name=Smp_31
5700;owner=irisadmin@local.host;orig_id=Smp_315700.1;date_last_modif
ied=2022-08-02;Name=Smp_315700.1;product=Transforming growth factor
beta-1-induced transcript 1 protein;date_creation=2022-07-27
SM_V9_1 iris    exon    37711498        37711547        .       +
        .
Parent=Smp_315700.1;Name=11b81598-168c-4cf3-8b15-45e33a8d7a94
SM_V9_1 iris    exon    37711635        37711949        .       +
        .       Parent=Smp_315700.1;Name=44b2183f-bb90-45a1-a4c9-
ea6545189bcd
SM_V9_1 iris    exon    37715153        37715204        .       +
        .       Parent=Smp_315700.1;Name=22bc2bc4-
af0c-4109-93e9-56fb3c273313
SM_V9_1 iris    exon    37728611        37728743        .       +
        .       Parent=Smp_315700.1;Name=68981a8a-336d-4102-
ba04-00e4da96f943
SM_V9_1 iris    exon    37740062        37740532        .       +
        .       Parent=Smp_315700.1;Name=14c30c61-9c7f-4cef-838b-
e716de42e7aa
SM_V9_1 iris    exon    37743110        37743283        .       +
        .
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Parent=Smp_315700.1;Name=7aa0d067-0e1d-401f-99ab-7c909c167b80
SM_V9_1 iris    exon    37752309        37752427        .       +
        .       Parent=Smp_315700.1;Name=72cdaa97-
baf7-4178-9180-67e5ea2d8a7a
SM_V9_1 iris    exon    37754348        37754462        .       +
        .       Parent=Smp_315700.1;Name=1e7d804f-1603-4292-8881-
ee2cdec3e622
SM_V9_1 iris    exon    37756306        37757135        .       +
        .       Parent=Smp_315700.1;Name=62c24cbf-644d-4721-
ac0e-240684d8db4a
SM_V9_1 iris    CDS     37711535        37711547        .       +
        0       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37711635        37711949        .       +
        2       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37715153        37715204        .       +
        2       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37728611        37728743        .       +
        1       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37740062        37740532        .       +
        0       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37743110        37743283        .       +
        0       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37752309        37752427        .       +
        0       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37754348        37754462        .       +
        1       Parent=Smp_315700.1
SM_V9_1 iris    CDS     37756306        37756572        .       +
        0       Parent=Smp_315700.1
SM_V9_1 Liftoff gene    37762741        37763651        .       +
        .       ID=Smp_033620;geneID=Smp_033620
SM_V9_1 Liftoff mRNA    37762741        37763651        .       +
        .
ID=Smp_033620.1;Parent=Smp_033620;geneID=Smp_033620;product=Transmem
brane protein 199;polypeptide_domain=InterPro:IPR021013 Pfam:PF11712
SM_V9_1 Liftoff exon    37762741        37763651        .       +
        .       Parent=Smp_033620.1
SM_V9_1 Liftoff CDS     37762767        37763408        .       +
        0       Parent=Smp_033620.1
SM_V9_1 Liftoff gene    37767451        37780769        .       -
        .       ID=Smp_033610;geneID=Smp_033610
SM_V9_1 Liftoff mRNA    37767451        37780769        .       -
        .
ID=Smp_033610.1;Parent=Smp_033610;geneID=Smp_033610;product=NADH
dehydrogenase [ubiquinone] 1 beta subcomplex subunit
7;polypeptide_domain=InterPro:IPR008698
Pfam:PF05676;Ontology_term=GO:0003954,GO:0005739,GO:0008137
SM_V9_1 Liftoff exon    37767451        37767988        .       -
        .       Parent=Smp_033610.1
SM_V9_1 Liftoff exon    37780597        37780769        .       -
        .       Parent=Smp_033610.1
SM_V9_1 Liftoff CDS     37767755        37767988        .       -
        0       Parent=Smp_033610.1
SM_V9_1 Liftoff CDS     37780597        37780713        .       -
        0       Parent=Smp_033610.1
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SM_V9_1 iris    gene    37794110        37831740        .       +
       .
ID=Smp_033600;geneID=Smp_033600;gene_name=Smp_033600;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    37794110        37831740        .       +
       .
ID=Smp_033600.1;Parent=Smp_033600;geneID=Smp_033600;gene_name=Smp_03
3600;owner=irisadmin@local.host;orig_id=Smp_033600.1;date_last_modif
ied=2022-08-02;Name=Smp_033600.1;product=Endoribonuclease Dicer
homolog 2;date_creation=2022-07-27
SM_V9_1 iris    exon    37794110        37794237        .       +
       .       Parent=Smp_033600.1;Name=fe86af8c-4267-48e8-
ac8f-6b74050d78e8
SM_V9_1 iris    exon    37795312        37795634        .       +
       .       Parent=Smp_033600.1;Name=c1a47c55-b404-45b5-ad4f-
fd97b491fa78
SM_V9_1 iris    exon    37797485        37797664        .       +
       .
Parent=Smp_033600.1;Name=25988c87-4e7c-45d0-977d-1de532b8ced6
SM_V9_1 iris    exon    37804514        37804850        .       +
       .       Parent=Smp_033600.1;Name=277fb4fc-
ca94-4cbe-98d4-4d777428330b
SM_V9_1 iris    exon    37810362        37811524        .       +
       .       Parent=Smp_033600.1;Name=057d9dad-b958-4577-
aebe-79b9b5483694
SM_V9_1 iris    exon    37813952        37814376        .       +
       .       Parent=Smp_033600.1;Name=f474dbd3-c19d-4376-
a2b8-1a016e6256d0
SM_V9_1 iris    exon    37816783        37816862        .       +
       .       Parent=Smp_033600.1;Name=f56309cc-2f8a-41f0-
a8d1-89534c7156f4
SM_V9_1 iris    exon    37819312        37819484        .       +
       .       Parent=Smp_033600.1;Name=e224c2fe-4cc2-410b-
b492-99a705620daf
SM_V9_1 iris    exon    37820707        37820854        .       +
       .
Parent=Smp_033600.1;Name=f3cdd043-2171-43f6-9e44-34f4fb3ae79e
SM_V9_1 iris    exon    37825683        37825746        .       +
       .       Parent=Smp_033600.1;Name=24ac0b2b-1d2f-4984-abcf-
d4cfbc6863ff
SM_V9_1 iris    exon    37831321        37831740        .       +
       .       Parent=Smp_033600.1;Name=68ea8787-f755-4e13-
bf1b-8169394d34f4
SM_V9_1 iris    CDS     37795437        37795634        .       +
       0       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37797485        37797664        .       +
       0       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37804514        37804850        .       +
       0       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37810362        37811524        .       +
       2       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37813952        37814376        .       +
       0       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37816783        37816862        .       +
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        1       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37819312        37819484        .       +
        2       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37820707        37820854        .       +
        0       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37825683        37825746        .       +
        2       Parent=Smp_033600.1
SM_V9_1 iris    CDS     37831321        37831417        .       +
        1       Parent=Smp_033600.1
SM_V9_1 Liftoff gene    37847738        37855441        .       +
        .       ID=Smp_033590;geneID=Smp_033590
SM_V9_1 Liftoff mRNA    37847738        37855441        .       +
        .
ID=Smp_033590.1;Parent=Smp_033590;geneID=Smp_033590;product=RING
finger protein
113A;polypeptide_domain=InterPro:IPR000571,IPR001841,IPR013083,IPR01
7907 Pfam:PF00642,PF13920;Ontology_term=GO:0046872
SM_V9_1 Liftoff exon    37847738        37854070        .       +
        .       Parent=Smp_033590.1
SM_V9_1 Liftoff exon    37854105        37854178        .       +
        .       Parent=Smp_033590.1
SM_V9_1 Liftoff exon    37854213        37854317        .       +
        .       Parent=Smp_033590.1
SM_V9_1 Liftoff exon    37854353        37854460        .       +
        .       Parent=Smp_033590.1
SM_V9_1 Liftoff exon    37854506        37854679        .       +
        .       Parent=Smp_033590.1
SM_V9_1 Liftoff exon    37854722        37854963        .       +
        .       Parent=Smp_033590.1
SM_V9_1 Liftoff exon    37855000        37855441        .       +
        .       Parent=Smp_033590.1
SM_V9_1 Liftoff CDS     37853998        37854070        .       +
        0       Parent=Smp_033590.1
SM_V9_1 Liftoff CDS     37854105        37854178        .       +
        2       Parent=Smp_033590.1
SM_V9_1 Liftoff CDS     37854213        37854317        .       +
        0       Parent=Smp_033590.1
SM_V9_1 Liftoff CDS     37854353        37854460        .       +
        0       Parent=Smp_033590.1
SM_V9_1 Liftoff CDS     37854506        37854679        .       +
        0       Parent=Smp_033590.1
SM_V9_1 Liftoff CDS     37854722        37854963        .       +
        0       Parent=Smp_033590.1
SM_V9_1 Liftoff CDS     37855000        37855372        .       +
        1       Parent=Smp_033590.1
SM_V9_1 Liftoff gene    37855482        37856024        .       +
        .
ID=Smp_210160;geneID=Smp_210160;previous_systematic_id=Smp_140300
SM_V9_1 Liftoff mRNA    37855482        37856024        .       +
        .
ID=Smp_210160.1;Parent=Smp_210160;geneID=Smp_210160;product=Diphtham
ide biosynthesis protein
4;polypeptide_domain=InterPro:IPR001623,IPR007872 Pfam:PF00226
SM_V9_1 Liftoff exon    37855482        37856024        .       +
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        .       Parent=Smp_210160.1
SM_V9_1 Liftoff CDS     37855532        37855957        .       +
        0       Parent=Smp_210160.1
SM_V9_1 Liftoff gene    37856101        37862610        .       +
        .
ID=Smp_210170;geneID=Smp_210170;previous_systematic_id=Smp_140300
SM_V9_1 Liftoff mRNA    37856101        37862610        .       +
        .
ID=Smp_210170.1;Parent=Smp_210170;geneID=Smp_210170;product=Putative
RNA polymerase II subunit B1 CTD phosphatase
Rpap2;polypeptide_domain=InterPro:IPR007308 Pfam:PF04181
SM_V9_1 Liftoff exon    37856101        37856277        .       +
        .       Parent=Smp_210170.1
SM_V9_1 Liftoff exon    37857477        37857641        .       +
        .       Parent=Smp_210170.1
SM_V9_1 Liftoff exon    37858726        37859385        .       +
        .       Parent=Smp_210170.1
SM_V9_1 Liftoff exon    37860111        37860199        .       +
        .       Parent=Smp_210170.1
SM_V9_1 Liftoff exon    37861363        37861443        .       +
        .       Parent=Smp_210170.1
SM_V9_1 Liftoff exon    37862138        37862610        .       +
        .       Parent=Smp_210170.1
SM_V9_1 Liftoff CDS     37856263        37856277        .       +
        0       Parent=Smp_210170.1
SM_V9_1 Liftoff CDS     37857477        37857641        .       +
        0       Parent=Smp_210170.1
SM_V9_1 Liftoff CDS     37858726        37859385        .       +
        0       Parent=Smp_210170.1
SM_V9_1 Liftoff CDS     37860111        37860199        .       +
        0       Parent=Smp_210170.1
SM_V9_1 Liftoff CDS     37861363        37861443        .       +
        1       Parent=Smp_210170.1
SM_V9_1 Liftoff CDS     37862138        37862360        .       +
        1       Parent=Smp_210170.1
SM_V9_1 iris    gene    37863298        37867714        .       -
        .
ID=Smp_140290;geneID=Smp_140290;gene_name=Smp_140290;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    37863298        37867714        .       -
        .
ID=Smp_140290.1;Parent=Smp_140290;geneID=Smp_140290;gene_name=Smp_14
0290;owner=irisadmin@local.host;orig_id=Smp_140290.1;date_last_modif
ied=2022-08-02;Name=Smp_140290.1;product=U4/U6.U5 small nuclear
ribonucleoprotein 27 kDa protein;date_creation=2022-07-27
SM_V9_1 iris    exon    37863298        37863665        .       -
        .
Parent=Smp_140290.1;Name=36d2694b-62b7-4374-9d11-4e1718c4d234
SM_V9_1 iris    exon    37863700        37863996        .       -
        .       Parent=Smp_140290.1;Name=55c93b92-16bb-4715-adf6-
dabd7d2074a7
SM_V9_1 iris    exon    37867645        37867714        .       -
        .       Parent=Smp_140290.1;Name=7f4eddcb-abbc-4f06-9962-
efedd0995b5f
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SM_V9_1 iris    CDS     37863469        37863665        .       -
        2       Parent=Smp_140290.1
SM_V9_1 iris    CDS     37863700        37863996        .       -
        2       Parent=Smp_140290.1
SM_V9_1 iris    CDS     37867645        37867654        .       -
        0       Parent=Smp_140290.1
SM_V9_1 Liftoff gene    37904576        37917015        .       -
        .
ID=Smp_340670;geneID=Smp_340670;previous_systematic_id=Smp_033550
SM_V9_1 Liftoff mRNA    37904576        37917015        .       -
        .
ID=Smp_340670.1;Parent=Smp_340670;geneID=Smp_340670;product=Probable
sodium/potassium-transporting ATPase subunit
beta-3;polypeptide_domain=InterPro:IPR000402
Pfam:PF00287;Ontology_term=GO:0005890,GO:0006813,GO:0006814
SM_V9_1 Liftoff exon    37904576        37905797        .       -
        .       Parent=Smp_340670.1
SM_V9_1 Liftoff exon    37906979        37907052        .       -
        .       Parent=Smp_340670.1
SM_V9_1 Liftoff exon    37910055        37910126        .       -
        .       Parent=Smp_340670.1
SM_V9_1 Liftoff exon    37910529        37910803        .       -
        .       Parent=Smp_340670.1
SM_V9_1 Liftoff exon    37916594        37916737        .       -
        .       Parent=Smp_340670.1
SM_V9_1 Liftoff exon    37916774        37917015        .       -
        .       Parent=Smp_340670.1
SM_V9_1 Liftoff CDS     37905605        37905797        .       -
        1       Parent=Smp_340670.1
SM_V9_1 Liftoff CDS     37906979        37907052        .       -
        0       Parent=Smp_340670.1
SM_V9_1 Liftoff CDS     37910055        37910126        .       -
        0       Parent=Smp_340670.1
SM_V9_1 Liftoff CDS     37910529        37910803        .       -
        2       Parent=Smp_340670.1
SM_V9_1 Liftoff CDS     37916594        37916737        .       -
        2       Parent=Smp_340670.1
SM_V9_1 Liftoff CDS     37916774        37916873        .       -
        0       Parent=Smp_340670.1
SM_V9_1 Liftoff gene    37936479        37949103        .       +
        .       ID=Smp_052640;geneID=Smp_052640
SM_V9_1 Liftoff mRNA    37936479        37949103        .       +
        .
ID=Smp_052640.1;Parent=Smp_052640;geneID=Smp_052640;product=Rabenosy
n-5;polypeptide_domain=InterPro:IPR000306,IPR011011,IPR013083,IPR013
087 Pfam:PF01363;Ontology_term=GO:0003676,GO:0046872
SM_V9_1 Liftoff exon    37936479        37940106        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff exon    37940142        37940237        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff exon    37940271        37940411        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff exon    37940446        37940886        .       +
        .       Parent=Smp_052640.1
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SM_V9_1 Liftoff exon    37942543        37942646        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff exon    37944271        37944341        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff exon    37947960        37948046        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff exon    37948180        37948402        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff exon    37948678        37949103        .       +
        .       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37939971        37940106        .       +
        0       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37940142        37940237        .       +
        2       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37940271        37940411        .       +
        2       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37940446        37940886        .       +
        2       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37942543        37942646        .       +
        2       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37944271        37944341        .       +
        0       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37947960        37948046        .       +
        1       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37948180        37948402        .       +
        1       Parent=Smp_052640.1
SM_V9_1 Liftoff CDS     37948678        37948998        .       +
        0       Parent=Smp_052640.1
SM_V9_1 iris    gene    37949105        37982409        .       -
        .
ID=Smp_150360;geneID=Smp_150360;gene_name=Smp_150360;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    37949105        37982409        .       -
        .
ID=Smp_150360.1;Parent=Smp_150360;geneID=Smp_150360;gene_name=Smp_15
0360;owner=irisadmin@local.host;orig_id=Smp_150360.1;date_last_modif
ied=2022-08-16;Name=Smp_150360.1;product=E3 ubiquitin-protein ligase
UBR5;date_creation=2022-07-27
SM_V9_1 iris    exon    37949105        37949353        .       -
        .       Parent=Smp_150360.1;Name=f4125ed1-
b323-40a4-809b-33052d9822f9
SM_V9_1 iris    exon    37949674        37949937        .       -
        .       Parent=Smp_150360.1;Name=15553ae0-f155-4b4a-
ba61-07524482a5b2
SM_V9_1 iris    exon    37950942        37951163        .       -
        .       Parent=Smp_150360.1;Name=bebcbad9-a5ae-4937-933d-
b9d791cd001b
SM_V9_1 iris    exon    37951327        37951513        .       -
        .       Parent=Smp_150360.1;Name=396d5545-fd30-4619-
a8cb-67962230c1ea
SM_V9_1 iris    exon    37951596        37951901        .       -
        .       Parent=Smp_150360.1;Name=741e3a0c-c729-4eb2-
a773-8725786c9916
SM_V9_1 iris    exon    37952117        37952453        .       -
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        .       Parent=Smp_150360.1;Name=fee3cff2-0eea-4807-
b9e3-9e153840c5ec
SM_V9_1 iris    exon    37953692        37954267        .       -
        .       Parent=Smp_150360.1;Name=d72e18a7-0213-4fe1-
b87f-6060c7cc1513
SM_V9_1 iris    exon    37954372        37954870        .       -
        .       Parent=Smp_150360.1;Name=9fdfd84a-0ede-4a4d-ad52-
d6ee8129e306
SM_V9_1 iris    exon    37955465        37955688        .       -
        .       Parent=Smp_150360.1;Name=75360222-
ae21-4f7d-8638-1f073953bfc7
SM_V9_1 iris    exon    37955816        37955997        .       -
        .
Parent=Smp_150360.1;Name=df249052-6095-4a07-9f89-6ec59c43730f
SM_V9_1 iris    exon    37956103        37956280        .       -
        .       Parent=Smp_150360.1;Name=a6b33a04-6044-423d-aab8-
e74c4ba74d2b
SM_V9_1 iris    exon    37957194        37957260        .       -
        .       Parent=Smp_150360.1;Name=97043061-f769-40f7-8ad9-
fecc273ee703
SM_V9_1 iris    exon    37957901        37958341        .       -
        .       Parent=Smp_150360.1;Name=4257c049-16d4-4f79-
adad-3257de27876a
SM_V9_1 iris    exon    37958832        37958866        .       -
        .       Parent=Smp_150360.1;Name=c5050b33-74dd-4d71-
b8bc-51f8d5e34c79
SM_V9_1 iris    exon    37959004        37959595        .       -
        .       Parent=Smp_150360.1;Name=7af3a6f1-7a60-4350-
abb7-040632a61867
SM_V9_1 iris    exon    37959709        37960134        .       -
        .       Parent=Smp_150360.1;Name=ade87550-
d7af-4f41-9375-734489e1afb5
SM_V9_1 iris    exon    37960328        37960735        .       -
        .       Parent=Smp_150360.1;Name=29d80f35-894a-4aee-
b13d-78810ab4710b
SM_V9_1 iris    exon    37961012        37961752        .       -
        .       Parent=Smp_150360.1;Name=68b4b2a4-26df-4337-
bf91-15906a11fa6d
SM_V9_1 iris    exon    37962367        37962669        .       -
        .       Parent=Smp_150360.1;Name=3edb551f-3330-410e-8063-
cb365a49d409
SM_V9_1 iris    exon    37963251        37963388        .       -
        .       Parent=Smp_150360.1;Name=e9a4f458-b811-4ecf-b56c-
e1e5420d02c7
SM_V9_1 iris    exon    37963577        37963760        .       -
        .       Parent=Smp_150360.1;Name=e776c08a-
b428-4d2b-80d4-9817dc6ac14f
SM_V9_1 iris    exon    37963891        37964219        .       -
        .
Parent=Smp_150360.1;Name=4d6c2504-680f-40a8-88a6-695578c5b8e3
SM_V9_1 iris    exon    37964423        37965025        .       -
        .
Parent=Smp_150360.1;Name=576a3b39-9ee9-4f7b-9d93-112701b3479a
SM_V9_1 iris    exon    37965367        37965534        .       -
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b782eda4fef8
SM_V9_1 iris    exon    37967160        37967553        .       -
        .       Parent=Smp_150360.1;Name=2b286d8d-a919-4850-
b8bb-332ec68a299c
SM_V9_1 iris    exon    37968661        37968944        .       -
        .       Parent=Smp_150360.1;Name=7314f6c0-0b18-449b-
a9bf-4faed119863b
SM_V9_1 iris    exon    37970258        37970563        .       -
        .       Parent=Smp_150360.1;Name=ca8d1473-
b754-4724-9736-5392dd32e022
SM_V9_1 iris    exon    37971077        37971457        .       -
        .       Parent=Smp_150360.1;Name=e3a0ea76-fb36-4e33-
bc75-6b88d50fc9c6
SM_V9_1 iris    exon    37972032        37972187        .       -
        .       Parent=Smp_150360.1;Name=e708e954-
bc81-401f-8e7c-66c0a58efed5
SM_V9_1 iris    exon    37972404        37972759        .       -
        .       Parent=Smp_150360.1;Name=4bd5ab8f-7cad-40a6-94e0-
de033060ac94
SM_V9_1 iris    exon    37973483        37973867        .       -
        .       Parent=Smp_150360.1;Name=d302fd81-f4d2-48d8-89ef-
c7886ac29c87
SM_V9_1 iris    exon    37974980        37975295        .       -
        .       Parent=Smp_150360.1;Name=2f81034b-647c-4968-9478-
bf394813e445
SM_V9_1 iris    exon    37975550        37975893        .       -
        .
Parent=Smp_150360.1;Name=b031a89d-028c-4c57-95d5-0331513b4a75
SM_V9_1 iris    exon    37976390        37976635        .       -
        .       Parent=Smp_150360.1;Name=fce6d4b7-bd13-47be-9902-
d60ce78f12ce
SM_V9_1 iris    exon    37977327        37977490        .       -
        .       Parent=Smp_150360.1;Name=420a5a24-6ada-47c8-b286-
e111980dea78
SM_V9_1 iris    exon    37978286        37978598        .       -
        .       Parent=Smp_150360.1;Name=af89429e-a0a6-45a5-8f9d-
ab87d72ce191
SM_V9_1 iris    exon    37978886        37979141        .       -
        .       Parent=Smp_150360.1;Name=041a52ad-a5c2-4c31-
b7c4-47fa2c9229f1
SM_V9_1 iris    exon    37979173        37979240        .       -
        .       Parent=Smp_150360.1;Name=3c262e72-6334-466e-
a609-05604950ed34
SM_V9_1 iris    exon    37979276        37979402        .       -
        .       Parent=Smp_150360.1;Name=2dcf0bf8-
bff9-436a-9ffb-6ee3c7468d65
SM_V9_1 iris    exon    37982288        37982409        .       -
        .       Parent=Smp_150360.1;Name=81b86460-12bc-4f23-8752-
b73ae2398587
SM_V9_1 iris    CDS     37949141        37949353        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37949674        37949937        .       -
        0       Parent=Smp_150360.1
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SM_V9_1 iris    CDS     37950942        37951163        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37951327        37951513        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37951596        37951901        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37952117        37952453        .       -
        2       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37953692        37954267        .       -
        2       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37954372        37954870        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37955465        37955688        .       -
        2       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37955816        37955997        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37956103        37956280        .       -
        2       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37957194        37957260        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37957901        37958341        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37958832        37958866        .       -
        2       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37959004        37959595        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37959709        37960134        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37960328        37960735        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37961012        37961752        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37962367        37962669        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37963251        37963388        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37963577        37963760        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37963891        37964219        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37964423        37965025        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37965367        37965534        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37967160        37967553        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37968661        37968944        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37970258        37970563        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37971077        37971457        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37972032        37972187        .       -
        0       Parent=Smp_150360.1
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SM_V9_1 iris    CDS     37972404        37972759        .       -
        2       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37973483        37973867        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37974980        37975295        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37975550        37975893        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37976390        37976635        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37977327        37977490        .       -
        2       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37978286        37978598        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37978886        37979141        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37979173        37979240        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37979276        37979402        .       -
        1       Parent=Smp_150360.1
SM_V9_1 iris    CDS     37982288        37982370        .       -
        0       Parent=Smp_150360.1
SM_V9_1 iris    gene    38015245        38086686        .       +
        .
ID=Smp_305430;geneID=Smp_305430;gene_name=Smp_305430;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    38015245        38086686        .       +
        .
ID=Smp_305430.1;Parent=Smp_305430;geneID=Smp_305430;gene_name=Smp_30
5430;owner=irisadmin@local.host;orig_id=Smp_305430.1;date_last_modif
ied=2022-07-21;Name=Smp_305430.1;product=Metabotropic glutamate
receptor;date_creation=2022-07-21
SM_V9_1 iris    exon    38015245        38016908        .       +
        .       Parent=Smp_305430.1;Name=982286da-6452-40d8-b81e-
e361e30a6d69
SM_V9_1 iris    exon    38060018        38060231        .       +
        .       Parent=Smp_305430.1;Name=3386ef24-c675-43e7-a0ce-
cf6c3b973dd3
SM_V9_1 iris    exon    38068341        38068497        .       +
        .
Parent=Smp_305430.1;Name=bd52ff66-5577-4a3a-8958-37fb3cafac55
SM_V9_1 iris    exon    38069526        38070212        .       +
        .       Parent=Smp_305430.1;Name=47873831-d1ca-42cc-bb13-
ba7f2ff955d1
SM_V9_1 iris    exon    38080857        38081201        .       +
        .
Parent=Smp_305430.1;Name=d3cff9d0-8fb3-4d92-8683-93a3486fc63d
SM_V9_1 iris    exon    38085613        38086686        .       +
        .
Parent=Smp_305430.1;Name=8f65e14f-62fb-4ff0-8685-0e712243b7e5
SM_V9_1 iris    CDS     38015459        38016908        .       +
        0       Parent=Smp_305430.1
SM_V9_1 iris    CDS     38060018        38060231        .       +
        2       Parent=Smp_305430.1
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SM_V9_1 iris    CDS     38068341        38068497        .       +
        1       Parent=Smp_305430.1
SM_V9_1 iris    CDS     38069526        38070212        .       +
        0       Parent=Smp_305430.1
SM_V9_1 iris    CDS     38080857        38081201        .       +
        0       Parent=Smp_305430.1
SM_V9_1 iris    CDS     38085613        38085675        .       +
        0       Parent=Smp_305430.1
SM_V9_1 Liftoff gene    38124536        38132282        .       +
        .       ID=Smp_150380;geneID=Smp_150380
SM_V9_1 Liftoff mRNA    38124536        38132282        .       +
        .
ID=Smp_150380.1;Parent=Smp_150380;geneID=Smp_150380;product=Sphingom
yelin synthase-related protein
1;polypeptide_domain=InterPro:IPR001660,IPR013761,IPR025749
Pfam:PF00536,PF14360;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    38124536        38132282        .       +
        .       Parent=Smp_150380.1
SM_V9_1 Liftoff CDS     38130570        38132084        .       +
        0       Parent=Smp_150380.1
SM_V9_1 iris    gene    38150720        38153355        .       -
        .
ID=Smp_052710;geneID=Smp_052710;gene_name=Smp_052710;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    38150720        38153355        .       -
        .
ID=Smp_052710.1;Parent=Smp_052710;geneID=Smp_052710;gene_name=Smp_05
2710;owner=irisadmin@local.host;orig_id=Smp_052710.1;date_last_modif
ied=2022-08-02;Name=Smp_052710.1;product=39S ribosomal protein L48,
mitochondrial;date_creation=2022-08-02
SM_V9_1 iris    exon    38150720        38151408        .       -
        .       Parent=Smp_052710.1;Name=c9a05abf-93bd-4424-
a7fb-7ce59fdb8c9b
SM_V9_1 iris    exon    38151453        38151542        .       -
        .       Parent=Smp_052710.1;Name=7c457387-d737-4b46-be39-
ad972a18dc6d
SM_V9_1 iris    exon    38151587        38151689        .       -
        .       Parent=Smp_052710.1;Name=fb3929fc-4254-46f6-
ad62-7d2b2376144f
SM_V9_1 iris    exon    38151737        38151867        .       -
        .       Parent=Smp_052710.1;Name=b1fb3332-d5c0-401b-
b6a3-1a342009a03b
SM_V9_1 iris    exon    38151912        38151960        .       -
        .       Parent=Smp_052710.1;Name=bc6d8646-84d5-42e6-9777-
d589c58155df
SM_V9_1 iris    exon    38151998        38153355        .       -
        .       Parent=Smp_052710.1;Name=61643fa5-2333-45b6-a52c-
feadab919396
SM_V9_1 iris    CDS     38151322        38151408        .       -
        0       Parent=Smp_052710.1
SM_V9_1 iris    CDS     38151453        38151542        .       -
        0       Parent=Smp_052710.1
SM_V9_1 iris    CDS     38151587        38151689        .       -
        1       Parent=Smp_052710.1
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SM_V9_1 iris    CDS     38151737        38151867        .       -
        0       Parent=Smp_052710.1
SM_V9_1 iris    CDS     38151912        38151960        .       -
        1       Parent=Smp_052710.1
SM_V9_1 iris    CDS     38151998        38152053        .       -
        0       Parent=Smp_052710.1
SM_V9_1 Liftoff gene    38161349        38182767        .       +
        .
ID=Smp_196620;geneID=Smp_196620;previous_systematic_id=Smp_052850,Sm
p_150390
SM_V9_1 Liftoff mRNA    38161349        38182767        .       +
        .
ID=Smp_196620.1;Parent=Smp_196620;geneID=Smp_196620;product=Glycerop
hosphodiester phosphodiesterase domain-containing protein
1;polypeptide_domain=InterPro:IPR017946,IPR030395
Pfam:PF03009;Ontology_term=GO:0006629,GO:0008081
SM_V9_1 Liftoff exon    38161349        38161590        .       +
        .       Parent=Smp_196620.1
SM_V9_1 Liftoff exon    38161635        38161816        .       +
        .       Parent=Smp_196620.1
SM_V9_1 Liftoff exon    38163662        38163789        .       +
        .       Parent=Smp_196620.1
SM_V9_1 Liftoff exon    38167247        38167467        .       +
        .       Parent=Smp_196620.1
SM_V9_1 Liftoff exon    38171114        38171185        .       +
        .       Parent=Smp_196620.1
SM_V9_1 Liftoff exon    38172497        38172548        .       +
        .       Parent=Smp_196620.1
SM_V9_1 Liftoff exon    38182385        38182767        .       +
        .       Parent=Smp_196620.1
SM_V9_1 Liftoff CDS     38161418        38161590        .       +
        0       Parent=Smp_196620.1
SM_V9_1 Liftoff CDS     38161635        38161816        .       +
        1       Parent=Smp_196620.1
SM_V9_1 Liftoff CDS     38163662        38163789        .       +
        2       Parent=Smp_196620.1
SM_V9_1 Liftoff CDS     38167247        38167467        .       +
        0       Parent=Smp_196620.1
SM_V9_1 Liftoff CDS     38171114        38171185        .       +
        1       Parent=Smp_196620.1
SM_V9_1 Liftoff CDS     38172497        38172548        .       +
        1       Parent=Smp_196620.1
SM_V9_1 Liftoff CDS     38182385        38182522        .       +
        0       Parent=Smp_196620.1
SM_V9_1 iris    gene    38190199        38207352        .       +
        .
ID=Smp_344320;geneID=Smp_344320;gene_name=Smp_344320;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    38190199        38207352        .       +
        .
ID=Smp_344320.1;Parent=Smp_344320;geneID=Smp_344320;gene_name=Smp_34
4320;owner=irisadmin@local.host;orig_id=Smp_344320.1;date_last_modif
ied=2022-07-21;Name=Smp_344320.1;product=Tubulin-specific chaperone
E;date_creation=2022-07-21
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SM_V9_1 iris    exon    38190199        38190311        .       +
        .       Parent=Smp_344320.1;Name=29e37400-c654-41e6-
b699-8e3fc75966d9
SM_V9_1 iris    exon    38190359        38190637        .       +
        .       Parent=Smp_344320.1;Name=9c224a81-b577-49be-
b7ff-6d4ac970ec5c
SM_V9_1 iris    exon    38199405        38199936        .       +
        .       Parent=Smp_344320.1;Name=cfd6e3af-99d2-465a-b3ae-
aea73d3c8698
SM_V9_1 iris    exon    38200011        38200304        .       +
        .       Parent=Smp_344320.1;Name=dbb9345e-5352-455b-
afce-214822a08b28
SM_V9_1 iris    exon    38201838        38202166        .       +
        .       Parent=Smp_344320.1;Name=25ac379b-f3a4-439e-be4f-
cb1f83780e1e
SM_V9_1 iris    exon    38205084        38205348        .       +
        .       Parent=Smp_344320.1;Name=3d569125-6ead-48f9-8b39-
c3d87d8260e0
SM_V9_1 iris    exon    38206779        38207352        .       +
        .       Parent=Smp_344320.1;Name=8435cb06-
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SM_V9_1 iris    CDS     38190310        38190311        .       +
        0       Parent=Smp_344320.1
SM_V9_1 iris    CDS     38190359        38190637        .       +
        1       Parent=Smp_344320.1
SM_V9_1 iris    CDS     38199405        38199936        .       +
        1       Parent=Smp_344320.1
SM_V9_1 iris    CDS     38200011        38200304        .       +
        0       Parent=Smp_344320.1
SM_V9_1 iris    CDS     38201838        38202166        .       +
        0       Parent=Smp_344320.1
SM_V9_1 iris    CDS     38205084        38205348        .       +
        1       Parent=Smp_344320.1
SM_V9_1 iris    CDS     38206779        38207120        .       +
        0       Parent=Smp_344320.1
SM_V9_1 Liftoff gene    38237731        38240485        .       -
        .       ID=Smp_150430;geneID=Smp_150430
SM_V9_1 Liftoff mRNA    38237731        38240485        .       -
        .
ID=Smp_150430.1;Parent=Smp_150430;geneID=Smp_150430;product=Fork
head domain transcription factor
slp2;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR018122,IPR03
0456 Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    38237731        38240485        .       -
        .       Parent=Smp_150430.1
SM_V9_1 Liftoff CDS     38238236        38240449        .       -
        0       Parent=Smp_150430.1
SM_V9_1 Liftoff gene    38281912        38294343        .       -
        .       ID=Smp_150420;geneID=Smp_150420
SM_V9_1 Liftoff mRNA    38281912        38294343        .       -
        .
ID=Smp_150420.1;Parent=Smp_150420;geneID=Smp_150420;product=Coiled-
coil domain-containing protein 61
SM_V9_1 Liftoff exon    38281912        38282376        .       -
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        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38285555        38285583        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38286369        38286890        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38287860        38287932        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38289985        38290286        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38291974        38292309        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38293642        38293694        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38293727        38293993        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38294025        38294107        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff exon    38294145        38294343        .       -
        .       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38282243        38282376        .       -
        2       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38285555        38285583        .       -
        1       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38286369        38286890        .       -
        1       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38287860        38287932        .       -
        2       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38289985        38290286        .       -
        1       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38291974        38292309        .       -
        1       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38293642        38293694        .       -
        0       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38293727        38293993        .       -
        0       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38294025        38294107        .       -
        2       Parent=Smp_150420.1
SM_V9_1 Liftoff CDS     38294145        38294301        .       -
        0       Parent=Smp_150420.1
SM_V9_1 Liftoff gene    38307344        38331681        .       +
        .
ID=Smp_340850;geneID=Smp_340850;previous_systematic_id=Smp_052810
SM_V9_1 Liftoff mRNA    38307344        38331681        .       +
        .
ID=Smp_340850.1;Parent=Smp_340850;geneID=Smp_340850;product=Glucose-
6-phosphate 1-
dehydrogenase;polypeptide_domain=InterPro:IPR001282,IPR016040,IPR019
796,IPR022674,IPR022675
Pfam:PF00479,PF02781;Ontology_term=GO:0004345,GO:0006006,GO:0050661,
GO:0055114
SM_V9_1 Liftoff exon    38307344        38309076        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38309116        38309153        .       +
        .       Parent=Smp_340850.1
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SM_V9_1 Liftoff exon    38309186        38309294        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38310396        38310610        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38313113        38313277        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38315008        38315133        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38317615        38317708        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38324970        38325099        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38327779        38327868        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38329493        38329704        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38329753        38329922        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff exon    38331287        38331681        .       +
        .       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38308969        38309076        .       +
        0       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38309116        38309153        .       +
        0       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38309186        38309294        .       +
        1       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38310396        38310610        .       +
        0       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38313113        38313277        .       +
        1       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38315008        38315133        .       +
        1       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38317615        38317708        .       +
        1       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38324970        38325099        .       +
        0       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38327779        38327868        .       +
        2       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38329493        38329704        .       +
        2       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38329753        38329922        .       +
        0       Parent=Smp_340850.1
SM_V9_1 Liftoff CDS     38331287        38331371        .       +
        1       Parent=Smp_340850.1
SM_V9_1 iris    gene    38337654        38349193        .       +
        .
ID=Smp_052800;geneID=Smp_052800;gene_name=Smp_052800;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    38337654        38349193        .       +
        .
ID=Smp_052800.1;Parent=Smp_052800;geneID=Smp_052800;gene_name=Smp_05
2800;owner=irisadmin@local.host;orig_id=Smp_052800.1;date_last_modif
ied=2022-07-21;Name=Smp_052800.1;product=Transcription factor TFIIIB
component B'' homolog;date_creation=2022-07-21
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SM_V9_1 iris    exon    38337654        38337766        .       +
        .       Parent=Smp_052800.1;Name=43d18be7-
ed96-4664-9c3c-956f5dbb4666
SM_V9_1 iris    exon    38339896        38339980        .       +
        .       Parent=Smp_052800.1;Name=d2b06a5d-f81b-4654-
a842-1fe21b6ed0cb
SM_V9_1 iris    exon    38340020        38340121        .       +
        .       Parent=Smp_052800.1;Name=8fad2b6e-c7b4-4b74-86a5-
f9b449e9ff67
SM_V9_1 iris    exon    38340154        38340207        .       +
        .       Parent=Smp_052800.1;Name=cdf108a9-8bf9-4f82-b7e7-
c8bfd20015b2
SM_V9_1 iris    exon    38340242        38340332        .       +
        .       Parent=Smp_052800.1;Name=8b2600b1-f628-498d-becb-
fb1125a9423e
SM_V9_1 iris    exon    38340375        38340496        .       +
        .       Parent=Smp_052800.1;Name=d30b9d39-e015-4fb9-b459-
b3465f957cfe
SM_V9_1 iris    exon    38340532        38340976        .       +
        .       Parent=Smp_052800.1;Name=8e9fc78a-d7bd-4d88-
a6cb-8ee75b7b56ef
SM_V9_1 iris    exon    38344561        38344615        .       +
        .       Parent=Smp_052800.1;Name=73d611a9-747e-43a8-8e1a-
e74928f3565f
SM_V9_1 iris    exon    38344657        38344755        .       +
        .       Parent=Smp_052800.1;Name=4572e2cb-9352-4605-94eb-
c5b3d143d229
SM_V9_1 iris    exon    38348636        38349193        .       +
        .       Parent=Smp_052800.1;Name=15f5c731-569a-4807-
bc01-2378d50c7a49
SM_V9_1 iris    CDS     38339928        38339980        .       +
        0       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38340020        38340121        .       +
        1       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38340154        38340207        .       +
        1       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38340242        38340332        .       +
        1       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38340375        38340496        .       +
        0       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38340532        38340976        .       +
        1       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38344561        38344615        .       +
        0       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38344657        38344755        .       +
        2       Parent=Smp_052800.1
SM_V9_1 iris    CDS     38348636        38349132        .       +
        2       Parent=Smp_052800.1
SM_V9_1 iris    gene    38371122        38372642        .       +
        .
ID=Smp_150410;geneID=Smp_150410;gene_name=Smp_150410;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    38371122        38372642        .       +
        .
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ID=Smp_150410.1;Parent=Smp_150410;geneID=Smp_150410;gene_name=Smp_15
0410;owner=irisadmin@local.host;orig_id=Smp_150410.1;date_last_modif
ied=2022-08-16;Name=Smp_150410.1;product=Coiled-coil domain-
containing protein 189;date_creation=2022-08-16
SM_V9_1 iris    exon    38371122        38371378        .       +
        .
Parent=Smp_150410.1;Name=d697fe89-6c99-4689-847f-571059cbe7dd
SM_V9_1 iris    exon    38371410        38371480        .       +
        .       Parent=Smp_150410.1;Name=19b532b2-
a513-40f8-8fb5-391e7af5ab1a
SM_V9_1 iris    exon    38371529        38371682        .       +
        .
Parent=Smp_150410.1;Name=b705e190-1cfb-4011-9705-8ba3dc248677
SM_V9_1 iris    exon    38372390        38372425        .       +
        .       Parent=Smp_150410.1;Name=f6aee268-3138-4332-
a706-7dee78bfa7d0
SM_V9_1 iris    exon    38372475        38372642        .       +
        .
Parent=Smp_150410.1;Name=8fb5a9ec-6413-442e-8b7e-916b87f4f27b
SM_V9_1 iris    CDS     38371156        38371378        .       +
        0       Parent=Smp_150410.1
SM_V9_1 iris    CDS     38371410        38371480        .       +
        2       Parent=Smp_150410.1
SM_V9_1 iris    CDS     38371529        38371682        .       +
        0       Parent=Smp_150410.1
SM_V9_1 iris    CDS     38372390        38372425        .       +
        2       Parent=Smp_150410.1
SM_V9_1 iris    CDS     38372475        38372560        .       +
        2       Parent=Smp_150410.1
SM_V9_1 Liftoff gene    38373036        38399200        .       -
        .       ID=Smp_052790;geneID=Smp_052790
SM_V9_1 Liftoff mRNA    38373036        38399200        .       -
        .
ID=Smp_052790.1;Parent=Smp_052790;geneID=Smp_052790;product=Nuclear
export mediator factor
Nemf;polypeptide_domain=InterPro:IPR008532,IPR021846
Pfam:PF05670,PF05833,PF11923
SM_V9_1 Liftoff exon    38373036        38373619        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38374641        38375070        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38376305        38376581        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38377640        38377815        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38378814        38379064        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38379207        38379409        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38383236        38383324        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38384501        38384564        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38385380        38385496        .       -
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        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38385580        38385740        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38386344        38386391        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38387311        38387388        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38388628        38388690        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38389111        38389186        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38391811        38392057        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38392094        38392373        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38398622        38398747        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38398857        38398965        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38399002        38399070        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff exon    38399107        38399200        .       -
        .       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38373462        38373619        .       -
        2       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38374641        38375070        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38376305        38376581        .       -
        1       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38377640        38377815        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38378814        38379064        .       -
        2       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38379207        38379409        .       -
        1       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38383236        38383324        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38384501        38384564        .       -
        1       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38385380        38385496        .       -
        1       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38385580        38385740        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38386344        38386391        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38387311        38387388        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38388628        38388690        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38389111        38389186        .       -
        1       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38391811        38392057        .       -
        2       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38392094        38392373        .       -
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SM_V9_1 Liftoff CDS     38398622        38398747        .       -
        0       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38398857        38398965        .       -
        1       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38399002        38399070        .       -
        1       Parent=Smp_052790.1
SM_V9_1 Liftoff CDS     38399107        38399165        .       -
        0       Parent=Smp_052790.1
SM_V9_1 iris    gene    38412364        38419149        .       +
        .
ID=Smp_052780;geneID=Smp_052780;gene_name=Smp_052780;owner=irisadmin
@local.host;date_last_modified=2022-08-27;date_creation=2022-08-25
SM_V9_1 iris    mRNA    38412364        38419149        .       +
        .
ID=Smp_052780.1;Parent=Smp_052780;geneID=Smp_052780;gene_name=Smp_05
2780;owner=irisadmin@local.host;orig_id=Smp_052780.1;date_last_modif
ied=2022-08-25;Name=Smp_052780.1;product=Potassium-transporting
ATPase ATP-binding subunit;date_creation=2022-08-25
SM_V9_1 iris    exon    38412364        38412469        .       +
        .       Parent=Smp_052780.1;Name=bd9aa83e-ced0-4c24-a5f9-
e0101ee1e072
SM_V9_1 iris    exon    38417399        38417563        .       +
        .       Parent=Smp_052780.1;Name=34d4ac1a-fe00-4587-bf5f-
a6fde34e1b04
SM_V9_1 iris    exon    38418722        38419149        .       +
        .       Parent=Smp_052780.1;Name=a6cdf8a6-0ad0-4016-8d50-
b92510e49b97
SM_V9_1 iris    CDS     38417408        38417563        .       +
        0       Parent=Smp_052780.1
SM_V9_1 iris    CDS     38418722        38418979        .       +
        0       Parent=Smp_052780.1
SM_V9_1 iris    gene    38425875        38439198        .       -
        .
ID=Smp_172340;geneID=Smp_172340;gene_name=Smp_172340;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    38425875        38439198        .       -
        .
ID=Smp_172340.1;Parent=Smp_172340;geneID=Smp_172340;gene_name=Smp_17
2340;owner=irisadmin@local.host;orig_id=Smp_172340.1;date_last_modif
ied=2022-08-02;Name=Smp_172340.1;product=Hypothetical
protein;date_creation=2022-08-02
SM_V9_1 iris    exon    38425875        38427997        .       -
        .       Parent=Smp_172340.1;Name=96349c73-
e560-4a25-86ba-7a0637f4e880
SM_V9_1 iris    exon    38429479        38431133        .       -
        .
Parent=Smp_172340.1;Name=53a93bfc-360f-4690-8d7f-802589a299a3
SM_V9_1 iris    exon    38438846        38439198        .       -
        .       Parent=Smp_172340.1;Name=594ddf5f-
e038-4997-9377-65977cfaab91
SM_V9_1 iris    CDS     38427462        38427997        .       -
        2       Parent=Smp_172340.1
SM_V9_1 iris    CDS     38429479        38431133        .       -
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        1       Parent=Smp_172340.1
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        0       Parent=Smp_172340.1
SM_V9_1 Liftoff gene    38451744        38452738        .       +
        .       ID=Smp_318330;geneID=Smp_318330
SM_V9_1 Liftoff mRNA    38451744        38452738        .       +
        .
ID=Smp_318330.1;Parent=Smp_318330;geneID=Smp_318330;product=Myosin-
binding protein C, cardiac-type
SM_V9_1 Liftoff exon    38451744        38452738        .       +
        .       Parent=Smp_318330.1
SM_V9_1 Liftoff CDS     38451770        38452039        .       +
        0       Parent=Smp_318330.1
SM_V9_1 Liftoff gene    38472420        38479418        .       -
        .       ID=Smp_091990;geneID=Smp_091990
SM_V9_1 Liftoff mRNA    38472420        38479418        .       -
        .
ID=Smp_091990.1;Parent=Smp_091990;geneID=Smp_091990;product=histone
deacetylase 8;evidence=Traceable Author
Statement;literature=PMID:18977200 PMID:24086136
PMID:24657767;polypeptide_domain=InterPro:IPR000286,IPR023801
Pfam:PF00850
SM_V9_1 Liftoff exon    38472420        38472760        .       -
        .       Parent=Smp_091990.1
SM_V9_1 Liftoff exon    38473619        38473964        .       -
        .       Parent=Smp_091990.1
SM_V9_1 Liftoff exon    38475599        38475953        .       -
        .       Parent=Smp_091990.1
SM_V9_1 Liftoff exon    38477203        38477404        .       -
        .       Parent=Smp_091990.1
SM_V9_1 Liftoff exon    38478276        38479418        .       -
        .       Parent=Smp_091990.1
SM_V9_1 Liftoff CDS     38472532        38472760        .       -
        1       Parent=Smp_091990.1
SM_V9_1 Liftoff CDS     38473619        38473964        .       -
        2       Parent=Smp_091990.1
SM_V9_1 Liftoff CDS     38475599        38475953        .       -
        0       Parent=Smp_091990.1
SM_V9_1 Liftoff CDS     38477203        38477404        .       -
        1       Parent=Smp_091990.1
SM_V9_1 Liftoff CDS     38478276        38478466        .       -
        0       Parent=Smp_091990.1
SM_V9_1 Liftoff gene    38499704        38502631        .       +
        .       ID=Smp_172360;geneID=Smp_172360
SM_V9_1 Liftoff mRNA    38499704        38502631        .       +
        .
ID=Smp_172360.1;Parent=Smp_172360;geneID=Smp_172360;product=Nectin-4
SM_V9_1 Liftoff exon    38499704        38502079        .       +
        .       Parent=Smp_172360.1
SM_V9_1 Liftoff exon    38502123        38502631        .       +
        .       Parent=Smp_172360.1
SM_V9_1 Liftoff CDS     38502017        38502079        .       +
        0       Parent=Smp_172360.1
SM_V9_1 Liftoff CDS     38502123        38502440        .       +
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        0       Parent=Smp_172360.1
SM_V9_1 Liftoff gene    38518845        38615047        .       +
        .       ID=Smp_172370;geneID=Smp_172370
SM_V9_1 Liftoff mRNA    38518845        38615047        .       +
        .
ID=Smp_172370.1;Parent=Smp_172370;geneID=Smp_172370;product=Tyrosine
-protein kinase Fer;polypeptide_domain=InterPro:IPR027267
SM_V9_1 Liftoff exon    38518845        38539174        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38540387        38540540        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38543150        38543258        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38546674        38546761        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38548317        38548469        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38549578        38549742        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38551393        38551473        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38552961        38553122        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38554356        38554507        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38566548        38566662        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff exon    38613093        38615047        .       +
        .       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38539043        38539174        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38540387        38540540        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38543150        38543258        .       +
        2       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38546674        38546761        .       +
        1       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38548317        38548469        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38549578        38549742        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38551393        38551473        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38552961        38553122        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38554356        38554507        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38566548        38566662        .       +
        1       Parent=Smp_172370.1
SM_V9_1 Liftoff CDS     38613093        38613098        .       +
        0       Parent=Smp_172370.1
SM_V9_1 Liftoff gene    38620724        38719684        .       +
        .       ID=Smp_092020;geneID=Smp_092020
SM_V9_1 Liftoff mRNA    38620724        38662385        .       +
```

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        .
ID=Smp_092020.3;Parent=Smp_092020;geneID=Smp_092020;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    38620724        38621942        .       +
        .       Parent=Smp_092020.3
SM_V9_1 Liftoff exon    38645777        38645896        .       +
        .       Parent=Smp_092020.3
SM_V9_1 Liftoff exon    38647410        38647476        .       +
        .       Parent=Smp_092020.3
SM_V9_1 Liftoff exon    38659437        38659574        .       +
        .       Parent=Smp_092020.3
SM_V9_1 Liftoff exon    38661582        38662385        .       +
        .       Parent=Smp_092020.3
SM_V9_1 Liftoff CDS     38621130        38621942        .       +
        0       Parent=Smp_092020.3
SM_V9_1 Liftoff CDS     38645777        38645896        .       +
        0       Parent=Smp_092020.3
SM_V9_1 Liftoff CDS     38647410        38647476        .       +
        0       Parent=Smp_092020.3
SM_V9_1 Liftoff CDS     38659437        38659574        .       +
        2       Parent=Smp_092020.3
SM_V9_1 Liftoff CDS     38661582        38661661        .       +
        2       Parent=Smp_092020.3
SM_V9_1 Liftoff mRNA    38620724        38689552        .       +
        .
ID=Smp_092020.2;Parent=Smp_092020;geneID=Smp_092020;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    38620724        38621942        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38645777        38645896        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38647410        38647476        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38659437        38659574        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38675323        38675667        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38676330        38676530        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38678706        38679014        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38689011        38689202        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff exon    38689314        38689552        .       +
        .       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38621130        38621942        .       +
        0       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38645777        38645896        .       +
        0       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38647410        38647476        .       +
        0       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38659437        38659574        .       +
        2       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38675323        38675667        .       +
```

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        2       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38676330        38676530        .       +
        2       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38678706        38679014        .       +
        2       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38689011        38689202        .       +
        2       Parent=Smp_092020.2
SM_V9_1 Liftoff CDS     38689314        38689375        .       +
        2       Parent=Smp_092020.2
SM_V9_1 Liftoff mRNA    38620724        38719684        .       +
        .
ID=Smp_092020.1;Parent=Smp_092020;geneID=Smp_092020;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    38620724        38621942        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38645777        38645896        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38647410        38647476        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38659437        38659574        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38675323        38675667        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38676330        38676530        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38678706        38679014        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38689011        38689202        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38704599        38704834        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38718045        38718124        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff exon    38719413        38719684        .       +
        .       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38621130        38621942        .       +
        0       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38645777        38645896        .       +
        0       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38647410        38647476        .       +
        0       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38659437        38659574        .       +
        2       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38675323        38675667        .       +
        2       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38676330        38676530        .       +
        2       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38678706        38679014        .       +
        2       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38689011        38689202        .       +
        2       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38704599        38704834        .       +
        2       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38718045        38718124        .       +
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        0       Parent=Smp_092020.1
SM_V9_1 Liftoff CDS     38719413        38719419        .       +
        1       Parent=Smp_092020.1
SM_V9_1 iris    gene    38725535        38747950        .       -
        .
ID=Smp_246680;geneID=Smp_246680;gene_name=Smp_246680;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    38725535        38747950        .       -
        .
ID=Smp_246680.1;Parent=Smp_246680;geneID=Smp_246680;gene_name=Smp_24
6680;owner=irisadmin@local.host;orig_id=Smp_246680.1;date_last_modif
ied=2022-08-02;Name=Smp_246680.1;product=Golgin subfamily A member
3;date_creation=2022-07-27
SM_V9_1 iris    exon    38725535        38726253        .       -
        .       Parent=Smp_246680.1;Name=21251ec9-94ac-4009-
b23c-183cb916756e
SM_V9_1 iris    exon    38731268        38731381        .       -
        .       Parent=Smp_246680.1;Name=05e77e22-
adec-4a65-9e11-17009a5f122c
SM_V9_1 iris    exon    38732664        38732920        .       -
        .       Parent=Smp_246680.1;Name=610a51bc-3b3e-48fe-9822-
d5b4bf45801b
SM_V9_1 iris    exon    38737893        38741533        .       -
        .       Parent=Smp_246680.1;Name=d9e743ef-906f-42b1-
b586-61c300845be4
SM_V9_1 iris    exon    38741571        38741705        .       -
        .
Parent=Smp_246680.1;Name=78c47d81-8218-495f-9265-4e030ce980b5
SM_V9_1 iris    exon    38741755        38741800        .       -
        .       Parent=Smp_246680.1;Name=75107fe1-92fd-436c-bc19-
ab4c0b82181b
SM_V9_1 iris    exon    38741843        38742033        .       -
        .       Parent=Smp_246680.1;Name=bb6a21e1-0d3b-4595-b919-
e8d3255fa6af
SM_V9_1 iris    exon    38747857        38747950        .       -
        .       Parent=Smp_246680.1;Name=d225d829-1548-42d6-aed6-
f489a707b231
SM_V9_1 iris    CDS     38726253        38726253        .       -
        1       Parent=Smp_246680.1
SM_V9_1 iris    CDS     38731268        38731381        .       -
        1       Parent=Smp_246680.1
SM_V9_1 iris    CDS     38732664        38732920        .       -
        0       Parent=Smp_246680.1
SM_V9_1 iris    CDS     38737893        38741533        .       -
        2       Parent=Smp_246680.1
SM_V9_1 iris    CDS     38741571        38741637        .       -
        0       Parent=Smp_246680.1
SM_V9_1 iris    gene    38753839        38772800        .       -
        .
ID=Smp_246690;geneID=Smp_246690;gene_name=Smp_246690;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_1 iris    mRNA    38753839        38772800        .       -
        .
ID=Smp_246690.1;Parent=Smp_246690;geneID=Smp_246690;gene_name=Smp_24
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6690;owner=irisadmin@local.host;orig_id=Smp_246690.1;date_last_modif
ied=2022-08-02;Name=Smp_246690.1;product=Adenosine 3'-phospho 5'-
phosphosulfate transporter 1;date_creation=2022-07-27
SM_V9_1 iris    exon    38753839        38754658        .       -
        .
Parent=Smp_246690.1;Name=e6e27aba-32d8-49c7-8b99-4318557353d3
SM_V9_1 iris    exon    38760916        38761115        .       -
        .
Parent=Smp_246690.1;Name=fbaf0768-7c53-41ce-8c21-3ef745c32a0a
SM_V9_1 iris    exon    38762396        38762489        .       -
        .       Parent=Smp_246690.1;Name=03b78eb5-6942-42b2-8aa5-
cb41bce37ffe
SM_V9_1 iris    exon    38764766        38765014        .       -
        .       Parent=Smp_246690.1;Name=bb6594ca-8934-47d3-
bac9-4117ab6c6bd2
SM_V9_1 iris    exon    38767983        38768266        .       -
        .       Parent=Smp_246690.1;Name=19e91e62-45db-4ad5-
ba5a-07ace2df6162
SM_V9_1 iris    exon    38768865        38769073        .       -
        .
Parent=Smp_246690.1;Name=dd359c93-76fa-417d-95b1-48b9e0588547
SM_V9_1 iris    exon    38772709        38772800        .       -
        .       Parent=Smp_246690.1;Name=360ab698-6290-4c09-9371-
e0d0c179b139
SM_V9_1 iris    CDS     38754275        38754658        .       -
        0       Parent=Smp_246690.1
SM_V9_1 iris    CDS     38760916        38761115        .       -
        2       Parent=Smp_246690.1
SM_V9_1 iris    CDS     38762396        38762489        .       -
        0       Parent=Smp_246690.1
SM_V9_1 iris    CDS     38764766        38765014        .       -
        0       Parent=Smp_246690.1
SM_V9_1 iris    CDS     38767983        38768266        .       -
        2       Parent=Smp_246690.1
SM_V9_1 iris    CDS     38768865        38769009        .       -
        0       Parent=Smp_246690.1
SM_V9_1 iris    gene    38783339        38867484        .       +
        .
ID=Smp_172400;geneID=Smp_172400;gene_name=Smp_172400;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    38783339        38867484        .       +
        .
ID=Smp_172400.1;Parent=Smp_172400;geneID=Smp_172400;gene_name=Smp_17
2400;owner=irisadmin@local.host;orig_id=Smp_172400.2;date_last_modif
ied=2022-07-21;Name=Smp_172400.1;product=Phosphatidylinositol 4-
phosphate 3-kinase C2 domain-containing subunit
alpha;date_creation=2022-07-21
SM_V9_1 iris    exon    38783339        38783861        .       +
        .       Parent=Smp_172400.1;Name=98722ded-dbd7-49a9-
ad53-6be15245a20a
SM_V9_1 iris    exon    38786992        38787215        .       +
        .       Parent=Smp_172400.1;Name=21d239eb-7f82-438e-
abae-3c369a80c9e4
SM_V9_1 iris    exon    38796750        38797252        .       +
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        .       Parent=Smp_172400.1;Name=de8f1f98-bb8c-47a8-8f5d-
a1ee77eeed39
SM_V9_1 iris    exon    38798067        38798193        .       +
        .       Parent=Smp_172400.1;Name=0abd25b0-1489-443e-b0fb-
ee8342e42eef
SM_V9_1 iris    exon    38800843        38800951        .       +
        .       Parent=Smp_172400.1;Name=5f116aaf-20ab-4016-
b35d-79fad935dc09
SM_V9_1 iris    exon    38803092        38803159        .       +
        .       Parent=Smp_172400.1;Name=55bade6e-4f8f-41e2-b776-
d1e7820feecb
SM_V9_1 iris    exon    38804004        38804085        .       +
        .       Parent=Smp_172400.1;Name=a81480bd-1d81-4bc7-
af32-7d0fc14b7087
SM_V9_1 iris    exon    38808556        38808852        .       +
        .       Parent=Smp_172400.1;Name=29879ab8-b2aa-447d-
b72e-288f4249227e
SM_V9_1 iris    exon    38811170        38811524        .       +
        .       Parent=Smp_172400.1;Name=ac503c99-5489-434a-996e-
d8121a1d6136
SM_V9_1 iris    exon    38815350        38815551        .       +
        .
Parent=Smp_172400.1;Name=c107db1b-64ff-4808-8a78-9f1c8d2e3b26
SM_V9_1 iris    exon    38817752        38818044        .       +
        .       Parent=Smp_172400.1;Name=3763d6b6-85da-47f4-865e-
c83c2b5caef2
SM_V9_1 iris    exon    38821543        38821629        .       +
        .       Parent=Smp_172400.1;Name=cc3ed51f-1c1d-48eb-aba3-
d69ebc4ae64f
SM_V9_1 iris    exon    38823156        38823322        .       +
        .
Parent=Smp_172400.1;Name=31422a5b-91c3-4790-9ea0-3a4be7973584
SM_V9_1 iris    exon    38824310        38824392        .       +
        .
Parent=Smp_172400.1;Name=5814e2bb-36b9-4adc-91af-40d8206674a9
SM_V9_1 iris    exon    38825348        38825983        .       +
        .       Parent=Smp_172400.1;Name=3fe528fd-ba79-434c-836e-
b5aa04aad37d
SM_V9_1 iris    exon    38827255        38827408        .       +
        .       Parent=Smp_172400.1;Name=0e03e648-
fb41-4589-802e-29ce184ae618
SM_V9_1 iris    exon    38828569        38828666        .       +
        .       Parent=Smp_172400.1;Name=accfe374-f882-4b69-b392-
dd58170ff05b
SM_V9_1 iris    exon    38830968        38831125        .       +
        .       Parent=Smp_172400.1;Name=5abc13ff-a90a-4823-
b663-3e80d518c231
SM_V9_1 iris    exon    38835642        38835976        .       +
        .       Parent=Smp_172400.1;Name=0164918f-
f6c5-4ce1-8ed0-4dca2dba12eb
SM_V9_1 iris    exon    38836535        38836627        .       +
        .       Parent=Smp_172400.1;Name=dcc75610-46bb-4019-
af09-619c425c3f33
SM_V9_1 iris    exon    38838532        38838675        .       +
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        .       Parent=Smp_172400.1;Name=4577f117-0c00-4275-95c7-
d7823086d9ce
SM_V9_1 iris    exon    38840520        38840645        .       +
        .       Parent=Smp_172400.1;Name=fed0ebf6-815f-41fe-992e-
a836a9b8c2a2
SM_V9_1 iris    exon    38842254        38842423        .       +
        .
Parent=Smp_172400.1;Name=0ea1148c-7af2-4e6f-8606-07d336e737cf
SM_V9_1 iris    exon    38843999        38844221        .       +
        .       Parent=Smp_172400.1;Name=da05e9ee-2922-4245-94b8-
c6409bc4cbef
SM_V9_1 iris    exon    38845020        38845126        .       +
        .       Parent=Smp_172400.1;Name=a4ae54fb-a85f-4338-9379-
fcca0df8fa8f
SM_V9_1 iris    exon    38846939        38847283        .       +
        .       Parent=Smp_172400.1;Name=e6cdd62d-8f97-4d68-
b1c3-6dcf18c51c34
SM_V9_1 iris    exon    38852021        38852096        .       +
        .       Parent=Smp_172400.1;Name=cd4ec82c-7eb5-4371-
a9ad-2e761d4ad58b
SM_V9_1 iris    exon    38854214        38854462        .       +
        .
Parent=Smp_172400.1;Name=7efab7c3-480a-4b3d-8def-8a7539af8aab
SM_V9_1 iris    exon    38857005        38857080        .       +
        .       Parent=Smp_172400.1;Name=34a976ae-8f0e-4ca6-
b753-5871b63dbbb5
SM_V9_1 iris    exon    38861036        38861316        .       +
        .       Parent=Smp_172400.1;Name=2e04a3e2-9346-4293-91dc-
f450962791c2
SM_V9_1 iris    exon    38863705        38863836        .       +
        .       Parent=Smp_172400.1;Name=c69fc0e1-d643-4fd1-
be9e-32a6f0078261
SM_V9_1 iris    exon    38866266        38867484        .       +
        .       Parent=Smp_172400.1;Name=363f71ef-0084-4e93-
a8fa-518a1f1db9bd
SM_V9_1 iris    CDS     38783439        38783861        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38786992        38787215        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38796750        38797252        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38798067        38798193        .       +
        2       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38800843        38800951        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38803092        38803159        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38804004        38804085        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38808556        38808852        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38811170        38811524        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38815350        38815551        .       +
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        2       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38817752        38818044        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38821543        38821629        .       +
        2       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38823156        38823322        .       +
        2       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38824310        38824392        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38825348        38825983        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38827255        38827408        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38828569        38828666        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38830968        38831125        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38835642        38835976        .       +
        2       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38836535        38836627        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38838532        38838675        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38840520        38840645        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38842254        38842423        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38843999        38844221        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38845020        38845126        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38846939        38847283        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38852021        38852096        .       +
        1       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38854214        38854462        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38857005        38857080        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38861036        38861316        .       +
        2       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38863705        38863836        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    CDS     38866266        38866451        .       +
        0       Parent=Smp_172400.1
SM_V9_1 iris    gene    38885984        38930275        .       -
        .
ID=Smp_301170;geneID=Smp_301170;gene_name=Smp_301170;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_1 iris    mRNA    38885984        38916085        .       -
        .
ID=Smp_301170.2;Parent=Smp_301170;geneID=Smp_301170;gene_name=Smp_30
1170;owner=irisadmin@local.host;orig_id=Smp_301170.1;date_last_modif
ied=2022-08-15;Name=Smp_301170.2;product=Serine/threonine-protein
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kinase DCLK3;date_creation=2022-07-21
SM_V9_1 iris    exon    38885984        38887394        .       -
        .
Parent=Smp_301170.2;Name=73959076-6b8d-4776-876b-289feb85f8da
SM_V9_1 iris    exon    38890363        38890530        .       -
        .       Parent=Smp_301170.2;Name=e3bff6cb-3d76-4456-
af9b-3d299750668e
SM_V9_1 iris    exon    38893561        38893693        .       -
        .       Parent=Smp_301170.2;Name=337108d8-
fe69-42fe-9e4b-5d135aa475c2
SM_V9_1 iris    exon    38894534        38894680        .       -
        .       Parent=Smp_301170.2;Name=aa28add4-a439-4077-b59c-
d2d49d60f410
SM_V9_1 iris    exon    38902518        38902780        .       -
        .       Parent=Smp_301170.2;Name=126eb085-f735-46ed-88c2-
a96c515f9b08
SM_V9_1 iris    exon    38906294        38906671        .       -
        .
Parent=Smp_301170.2;Name=2ae8e745-3ee2-4ad4-8f8b-0091c8179831
SM_V9_1 iris    exon    38909417        38910071        .       -
        .       Parent=Smp_301170.2;Name=dc5ce219-dbae-42d3-b77d-
b977a4e3d0a5
SM_V9_1 iris    exon    38912636        38913146        .       -
        .       Parent=Smp_301170.2;Name=026f4968-558f-492d-
bbe3-587038f53847
SM_V9_1 iris    exon    38914222        38914682        .       -
        .       Parent=Smp_301170.2;Name=50a2ca4b-7c8b-49d4-9194-
b35ddfe75920
SM_V9_1 iris    exon    38916024        38916085        .       -
        .       Parent=Smp_301170.2;Name=28116c32-dc79-4e99-
a7c3-82e7f04e3bc7
SM_V9_1 iris    CDS     38887069        38887394        .       -
        2       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38890363        38890530        .       -
        2       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38893561        38893693        .       -
        0       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38894534        38894680        .       -
        0       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38902518        38902780        .       -
        2       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38906294        38906671        .       -
        2       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38909417        38910071        .       -
        0       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38912636        38913146        .       -
        1       Parent=Smp_301170.2
SM_V9_1 iris    CDS     38914222        38914592        .       -
        0       Parent=Smp_301170.2
SM_V9_1 iris    mRNA    38885984        38930275        .       -
        .
ID=Smp_301170.1;Parent=Smp_301170;geneID=Smp_301170;gene_name=Smp_30
1170;owner=irisadmin@local.host;orig_id=Smp_301180.2;date_last_modif
ied=2022-08-15;Name=Smp_301170.1;product=Serine/threonine-protein
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kinase DCLK3;date_creation=2022-08-15
SM_V9_1 iris    exon    38885984        38887394        .       -
        .       Parent=Smp_301170.1;Name=1a0554ba-8a47-4a1c-8236-
d2b0976f7ed7
SM_V9_1 iris    exon    38890363        38890530        .       -
        .
Parent=Smp_301170.1;Name=14c9f296-6c42-441a-89b7-795935b0f014
SM_V9_1 iris    exon    38893561        38893693        .       -
        .       Parent=Smp_301170.1;Name=f3375386-efa3-4f7c-a6ea-
b40c81d3e1d3
SM_V9_1 iris    exon    38894534        38894680        .       -
        .       Parent=Smp_301170.1;Name=83beb2dd-c913-426e-
a48f-1ee0f76d8c04
SM_V9_1 iris    exon    38902518        38902780        .       -
        .       Parent=Smp_301170.1;Name=d47b27b5-ca53-44c4-971a-
f6c86c3b13d8
SM_V9_1 iris    exon    38906294        38906671        .       -
        .
Parent=Smp_301170.1;Name=3487af01-508b-4b0a-9bd7-4402853603cf
SM_V9_1 iris    exon    38909417        38910071        .       -
        .       Parent=Smp_301170.1;Name=065f9abd-9f7e-42a4-b138-
da7dd4b546e3
SM_V9_1 iris    exon    38912636        38913146        .       -
        .       Parent=Smp_301170.1;Name=6a479591-
c2bb-46f1-8d17-26c402757943
SM_V9_1 iris    exon    38914222        38914682        .       -
        .
Parent=Smp_301170.1;Name=563b526a-0e1d-44ce-8b7b-78794f8013f8
SM_V9_1 iris    exon    38924430        38924828        .       -
        .       Parent=Smp_301170.1;Name=12ccd2b7-
ddfb-463e-96b8-91d84269faa2
SM_V9_1 iris    exon    38925922        38926337        .       -
        .       Parent=Smp_301170.1;Name=1f3bc3df-f255-4d63-
a15b-3b34817dc9f0
SM_V9_1 iris    exon    38929828        38930275        .       -
        .       Parent=Smp_301170.1;Name=fc12aeb1-6efa-4f86-b81a-
aacf4d5428d6
SM_V9_1 iris    CDS     38887069        38887394        .       -
        2       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38890363        38890530        .       -
        2       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38893561        38893693        .       -
        0       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38894534        38894680        .       -
        0       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38902518        38902780        .       -
        2       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38906294        38906671        .       -
        2       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38909417        38910071        .       -
        0       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38912636        38913146        .       -
        1       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38914222        38914682        .       -
```

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        0       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38924430        38924828        .       -
        0       Parent=Smp_301170.1
SM_V9_1 iris    CDS     38925922        38926323        .       -
        0       Parent=Smp_301170.1
SM_V9_1 iris    gene    38938609        38989062        .       +
        .
ID=Smp_172420;geneID=Smp_172420;gene_name=Smp_172420;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    38938609        38989062        .       +
        .
ID=Smp_172420.1;Parent=Smp_172420;geneID=Smp_172420;gene_name=Smp_17
2420;owner=irisadmin@local.host;orig_id=Smp_172420.1;date_last_modif
ied=2022-07-21;Name=Smp_172420.1;product=E3 ubiquitin-protein ligase
TRIP12;date_creation=2022-07-21
SM_V9_1 iris    exon    38938609        38938697        .       +
        .
Parent=Smp_172420.1;Name=848b279b-1206-498b-90ac-20de8e02c97a
SM_V9_1 iris    exon    38940869        38940982        .       +
        .       Parent=Smp_172420.1;Name=4dfaa843-fa4d-4cba-
b85f-7ffa94fc57a4
SM_V9_1 iris    exon    38941023        38941056        .       +
        .       Parent=Smp_172420.1;Name=12cfafd9-adb4-41ac-
aa58-5d14f23080f2
SM_V9_1 iris    exon    38942565        38942998        .       +
        .       Parent=Smp_172420.1;Name=5f67428a-2c54-4320-8fb4-
ac2f7c6b19bd
SM_V9_1 iris    exon    38944133        38944273        .       +
        .       Parent=Smp_172420.1;Name=2464493f-ce64-4bcb-
b9a5-52718261c0a4
SM_V9_1 iris    exon    38947240        38947991        .       +
        .       Parent=Smp_172420.1;Name=99880360-744b-4f79-9d4a-
c51870c373da
SM_V9_1 iris    exon    38951028        38951623        .       +
        .
Parent=Smp_172420.1;Name=f058dfc8-7227-48a2-8f41-19d05f18fce4
SM_V9_1 iris    exon    38952904        38953212        .       +
        .       Parent=Smp_172420.1;Name=2f1b1528-f80a-469b-9d7a-
fba0cd69490f
SM_V9_1 iris    exon    38954267        38954542        .       +
        .       Parent=Smp_172420.1;Name=325cb52c-e27b-4aae-b219-
a63472f6af92
SM_V9_1 iris    exon    38955154        38955259        .       +
        .
Parent=Smp_172420.1;Name=0846b9c0-5902-40f9-8fe3-343bb9cc1e79
SM_V9_1 iris    exon    38956857        38957262        .       +
        .       Parent=Smp_172420.1;Name=d19a82b3-5490-4a44-
bb01-530b51cf8b15
SM_V9_1 iris    exon    38960465        38960675        .       +
        .       Parent=Smp_172420.1;Name=dc7693ce-c071-4ae1-927d-
ce8a18038e95
SM_V9_1 iris    exon    38961632        38962104        .       +
        .       Parent=Smp_172420.1;Name=6b56ac63-1fd9-42f1-
a162-2f9c448fa1dc
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SM_V9_1 iris    exon    38966094        38966526        .       +
        .
Parent=Smp_172420.1;Name=f7208e53-3008-47ad-95a2-012ce85f37a3
SM_V9_1 iris    exon    38967584        38967756        .       +
        .       Parent=Smp_172420.1;Name=5eae78d7-a1a3-47f4-
a01e-3c6e2faf72d0
SM_V9_1 iris    exon    38968702        38969128        .       +
        .       Parent=Smp_172420.1;Name=b5c27126-
f0cd-4aa4-9f10-03fb81b8b622
SM_V9_1 iris    exon    38971688        38971862        .       +
        .       Parent=Smp_172420.1;Name=a955ac59-c3dc-4eb4-ab95-
e2d75ba176f9
SM_V9_1 iris    exon    38971910        38972649        .       +
        .
Parent=Smp_172420.1;Name=64abdec7-4d9b-437d-9690-3cd0eb5ddd0c
SM_V9_1 iris    exon    38972963        38974501        .       +
        .       Parent=Smp_172420.1;Name=8a613c94-1333-42a5-
a91e-9020062c1849
SM_V9_1 iris    exon    38974792        38975433        .       +
        .
Parent=Smp_172420.1;Name=dabd3a8c-32a6-4d45-8f6b-329d6e38f018
SM_V9_1 iris    exon    38977103        38977300        .       +
        .       Parent=Smp_172420.1;Name=bc544151-2f6b-4657-8002-
d2ca56b9ab7f
SM_V9_1 iris    exon    38979387        38980031        .       +
        .       Parent=Smp_172420.1;Name=f6da510f-c176-464d-a41c-
a7a75247e56c
SM_V9_1 iris    exon    38980971        38981408        .       +
        .       Parent=Smp_172420.1;Name=2573dd27-
cbd6-431f-8496-223e336e63c6
SM_V9_1 iris    exon    38984093        38984567        .       +
        .       Parent=Smp_172420.1;Name=a6c2ecaf-a483-4fa2-bacb-
cf18943b90d1
SM_V9_1 iris    exon    38987239        38989062        .       +
        .       Parent=Smp_172420.1;Name=f2681931-2644-46eb-90f8-
bed2aa0806f4
SM_V9_1 iris    CDS     38940915        38940982        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38941023        38941056        .       +
        1       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38942565        38942998        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38944133        38944273        .       +
        1       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38947240        38947991        .       +
        1       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38951028        38951623        .       +
        2       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38952904        38953212        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38954267        38954542        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38955154        38955259        .       +
        0       Parent=Smp_172420.1
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SM_V9_1 iris    CDS     38956857        38957262        .       +
        2       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38960465        38960675        .       +
        1       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38961632        38962104        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38966094        38966526        .       +
        1       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38967584        38967756        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38968702        38969128        .       +
        1       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38971688        38971862        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38971910        38972649        .       +
        2       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38972963        38974501        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38974792        38975433        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38977103        38977300        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38979387        38980031        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38980971        38981408        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38984093        38984567        .       +
        0       Parent=Smp_172420.1
SM_V9_1 iris    CDS     38987239        38987432        .       +
        2       Parent=Smp_172420.1
SM_V9_1 iris    gene    39017879        39026782        .       +
        .
ID=Smp_346100;geneID=Smp_346100;gene_name=Smp_346100;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39017879        39026782        .       +
        .
ID=Smp_346100.1;Parent=Smp_346100;geneID=Smp_346100;gene_name=Smp_34
6100;owner=irisadmin@local.host;orig_id=Smp_346100.1;date_last_modif
ied=2022-07-21;Name=Smp_346100.1;product=Insulinoma-associated
protein 2;date_creation=2022-07-21
SM_V9_1 iris    exon    39017879        39018976        .       +
        .       Parent=Smp_346100.1;Name=ad71b355-fd27-40c7-
bc4c-049542e1c817
SM_V9_1 iris    exon    39024955        39026782        .       +
        .       Parent=Smp_346100.1;Name=d4b10779-b536-468e-b296-
e1ac01cc8c1e
SM_V9_1 iris    CDS     39018074        39018976        .       +
        0       Parent=Smp_346100.1
SM_V9_1 iris    CDS     39024955        39025650        .       +
        0       Parent=Smp_346100.1
SM_V9_1 Liftoff gene    39046014        39048415        .       -
        .       ID=Smp_172440;geneID=Smp_172440
SM_V9_1 Liftoff mRNA    39046014        39048415        .       -
        .
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ID=Smp_172440.1;Parent=Smp_172440;geneID=Smp_172440;product=Insulino
ma-associated protein
1b;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    39046014        39046551        .       -
        .       Parent=Smp_172440.1
SM_V9_1 Liftoff exon    39047734        39048415        .       -
        .       Parent=Smp_172440.1
SM_V9_1 Liftoff CDS     39046048        39046551        .       -
        0       Parent=Smp_172440.1
SM_V9_1 Liftoff CDS     39047734        39048195        .       -
        0       Parent=Smp_172440.1
SM_V9_1 iris    gene    39073111        39074793        .       +
        .
ID=Smp_200900;geneID=Smp_200900;gene_name=Smp_200900;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    39073111        39074793        .       +
        .
ID=Smp_200900.1;Parent=Smp_200900;geneID=Smp_200900;gene_name=Smp_20
0900;owner=irisadmin@local.host;orig_id=Smp_200900.1;date_last_modif
ied=2022-08-02;Name=Smp_200900.1;product=Hypothetical
protein;date_creation=2022-08-02
SM_V9_1 iris    exon    39073111        39073229        .       +
        .       Parent=Smp_200900.1;Name=f533c0ff-131a-4a14-ae86-
e71ff0e36819
SM_V9_1 iris    exon    39073272        39073362        .       +
        .       Parent=Smp_200900.1;Name=13d389c5-
d72c-4c6c-95c3-77fab866d6d0
SM_V9_1 iris    exon    39074552        39074793        .       +
        .       Parent=Smp_200900.1;Name=ea5f91bb-f5e9-434b-
a76c-2e9e4ec6b7ef
SM_V9_1 iris    CDS     39073169        39073229        .       +
        0       Parent=Smp_200900.1
SM_V9_1 iris    CDS     39073272        39073327        .       +
        2       Parent=Smp_200900.1
SM_V9_1 iris    gene    39139507        39143263        .       -
        .
ID=Smp_340510;geneID=Smp_340510;gene_name=Smp_340510;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    39139507        39143263        .       -
        .
ID=Smp_340510.1;Parent=Smp_340510;geneID=Smp_340510;gene_name=Smp_34
0510;owner=irisadmin@local.host;orig_id=Smp_340510.1;date_last_modif
ied=2022-08-02;Name=Smp_340510.1;product=Putative transmembrane
protein ORF57;date_creation=2022-08-02
SM_V9_1 iris    exon    39139507        39140657        .       -
        .       Parent=Smp_340510.1;Name=03aedde9-
b562-47f4-9716-7fafb7219f75
SM_V9_1 iris    exon    39140701        39140840        .       -
        .
Parent=Smp_340510.1;Name=acbdaf79-6633-4468-8585-08c6e5462a08
SM_V9_1 iris    exon    39142821        39143095        .       -
        .       Parent=Smp_340510.1;Name=665af92f-f723-4979-
a1bb-9b5db38b5528
SM_V9_1 iris    exon    39143131        39143263        .       -
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        .       Parent=Smp_340510.1;Name=c70af86e-4e66-4288-
bb33-9a25bfdc1f58
SM_V9_1 iris    CDS     39139614        39140588        .       -
        0       Parent=Smp_340510.1
SM_V9_1 Liftoff gene    39148224        39164372        .       -
        .       ID=Smp_136210;geneID=Smp_136210
SM_V9_1 Liftoff mRNA    39148224        39164372        .       -
        .
ID=Smp_136210.1;Parent=Smp_136210;geneID=Smp_136210;product=WD
repeat-containing protein
63;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR0197
75;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    39148224        39148404        .       -
        .       Parent=Smp_136210.1
SM_V9_1 Liftoff exon    39150262        39150471        .       -
        .       Parent=Smp_136210.1
SM_V9_1 Liftoff exon    39152974        39153185        .       -
        .       Parent=Smp_136210.1
SM_V9_1 Liftoff exon    39155474        39155840        .       -
        .       Parent=Smp_136210.1
SM_V9_1 Liftoff exon    39157694        39159556        .       -
        .       Parent=Smp_136210.1
SM_V9_1 Liftoff exon    39159614        39164372        .       -
        .       Parent=Smp_136210.1
SM_V9_1 Liftoff CDS     39148330        39148404        .       -
        0       Parent=Smp_136210.1
SM_V9_1 Liftoff CDS     39150262        39150471        .       -
        0       Parent=Smp_136210.1
SM_V9_1 Liftoff CDS     39152974        39153185        .       -
        2       Parent=Smp_136210.1
SM_V9_1 Liftoff CDS     39155474        39155840        .       -
        0       Parent=Smp_136210.1
SM_V9_1 Liftoff CDS     39157694        39159556        .       -
        0       Parent=Smp_136210.1
SM_V9_1 Liftoff CDS     39159614        39159667        .       -
        0       Parent=Smp_136210.1
SM_V9_1 iris    gene    39168186        39189685        .       +
        .
ID=Smp_136200;geneID=Smp_136200;gene_name=Smp_136200;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39168186        39189685        .       +
        .
ID=Smp_136200.1;Parent=Smp_136200;geneID=Smp_136200;gene_name=Smp_13
6200;owner=irisadmin@local.host;orig_id=Smp_136200.1;date_last_modif
ied=2022-07-21;Name=Smp_136200.1;product=Carcinoembryonic antigen-
related cell adhesion molecule 20;date_creation=2022-07-21
SM_V9_1 iris    exon    39168186        39168350        .       +
        .       Parent=Smp_136200.1;Name=ca21b54b-435e-44e9-92a3-
a20bc478be15
SM_V9_1 iris    exon    39188812        39189685        .       +
        .       Parent=Smp_136200.1;Name=78dd8785-
c7a9-4d18-8cf3-77a6a48335f2
SM_V9_1 iris    CDS     39168227        39168350        .       +
        0       Parent=Smp_136200.1
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SM_V9_1 iris    CDS     39188812        39188999        .       +
        2       Parent=Smp_136200.1
SM_V9_1 iris    gene    39215958        39231722        .       -
        .
ID=Smp_136180;geneID=Smp_136180;gene_name=Smp_136180;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    39215958        39231722        .       -
        .
ID=Smp_136180.1;Parent=Smp_136180;geneID=Smp_136180;gene_name=Smp_13
6180;owner=irisadmin@local.host;orig_id=Smp_136180.1;date_last_modif
ied=2022-08-02;Name=Smp_136180.1;product=DNA polymerase
eta;date_creation=2022-07-28
SM_V9_1 iris    exon    39215958        39217263        .       -
        .       Parent=Smp_136180.1;Name=b4e29c17-e46b-4751-
a77a-7bd09377a757
SM_V9_1 iris    exon    39219607        39220071        .       -
        .
Parent=Smp_136180.1;Name=f57a9b1a-8fd6-448e-9105-7f30b5611b0d
SM_V9_1 iris    exon    39222408        39222527        .       -
        .
Parent=Smp_136180.1;Name=99f87f81-0d6b-42b1-8ff1-3635acb0c42f
SM_V9_1 iris    exon    39224291        39224394        .       -
        .       Parent=Smp_136180.1;Name=cf8b6e02-29d0-43a6-
b34b-081881ee64a2
SM_V9_1 iris    exon    39226304        39226587        .       -
        .       Parent=Smp_136180.1;Name=e318f917-3e9f-4014-8acc-
b140d736b33b
SM_V9_1 iris    exon    39226626        39226723        .       -
        .
Parent=Smp_136180.1;Name=e8166daa-28d0-40c7-964e-4957a86ea823
SM_V9_1 iris    exon    39226768        39226902        .       -
        .       Parent=Smp_136180.1;Name=c5c465fd-5684-4ff3-
a609-8ed7f6302b07
SM_V9_1 iris    exon    39226939        39227085        .       -
        .       Parent=Smp_136180.1;Name=13cca817-cc44-4e14-
ab56-239f25180dbe
SM_V9_1 iris    exon    39229937        39230079        .       -
        .       Parent=Smp_136180.1;Name=11feb251-496a-40e3-a8b8-
e300cfc954b7
SM_V9_1 iris    exon    39231637        39231722        .       -
        .       Parent=Smp_136180.1;Name=bd119e7f-6107-4cdb-8285-
d14f43912555
SM_V9_1 iris    CDS     39216282        39217263        .       -
        1       Parent=Smp_136180.1
SM_V9_1 iris    CDS     39219607        39220071        .       -
        1       Parent=Smp_136180.1
SM_V9_1 iris    CDS     39222408        39222527        .       -
        1       Parent=Smp_136180.1
SM_V9_1 iris    CDS     39224291        39224394        .       -
        0       Parent=Smp_136180.1
SM_V9_1 iris    CDS     39226304        39226587        .       -
        2       Parent=Smp_136180.1
SM_V9_1 iris    CDS     39226626        39226723        .       -
        1       Parent=Smp_136180.1
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SM_V9_1 iris    CDS     39226768        39226902        .       -
        1       Parent=Smp_136180.1
SM_V9_1 iris    CDS     39226939        39227063        .       -
        0       Parent=Smp_136180.1
SM_V9_1 iris    gene    39245970        39265311        .       -
        .
ID=Smp_343030;geneID=Smp_343030;gene_name=Smp_343030;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    39245970        39265311        .       -
        .
ID=Smp_343030.1;Parent=Smp_343030;geneID=Smp_343030;gene_name=Smp_34
3030;owner=irisadmin@local.host;orig_id=Smp_343030.1;date_last_modif
ied=2022-08-02;Name=Smp_343030.1;product=Protein
dispatched;date_creation=2022-08-02
SM_V9_1 iris    exon    39245970        39248108        .       -
        .
Parent=Smp_343030.1;Name=38a81d27-5067-4e55-943a-9af29d1d8c13
SM_V9_1 iris    exon    39249742        39250023        .       -
        .
Parent=Smp_343030.1;Name=18f90a6f-4e56-488d-9e6c-0e71f7102932
SM_V9_1 iris    exon    39252700        39253041        .       -
        .       Parent=Smp_343030.1;Name=5e1f1d41-4d69-4c03-bbcb-
bc5481e2a629
SM_V9_1 iris    exon    39255407        39255807        .       -
        .       Parent=Smp_343030.1;Name=21ab0049-5d40-41e3-bbf1-
a66c898a44bf
SM_V9_1 iris    exon    39256801        39257044        .       -
        .
Parent=Smp_343030.1;Name=ff06d856-7016-43d9-83aa-02cb14cbba18
SM_V9_1 iris    exon    39262210        39262333        .       -
        .       Parent=Smp_343030.1;Name=f3f4b427-6f31-4ec1-
af87-57662ea0805e
SM_V9_1 iris    exon    39265218        39265311        .       -
        .       Parent=Smp_343030.1;Name=67efa219-b784-4417-
b00a-89c9b72c68d5
SM_V9_1 iris    CDS     39246108        39248108        .       -
        0       Parent=Smp_343030.1
SM_V9_1 iris    CDS     39249742        39250023        .       -
        0       Parent=Smp_343030.1
SM_V9_1 iris    CDS     39252700        39253041        .       -
        0       Parent=Smp_343030.1
SM_V9_1 iris    CDS     39255407        39255807        .       -
        2       Parent=Smp_343030.1
SM_V9_1 iris    CDS     39256801        39257044        .       -
        0       Parent=Smp_343030.1
SM_V9_1 iris    CDS     39262210        39262333        .       -
        1       Parent=Smp_343030.1
SM_V9_1 iris    CDS     39265218        39265273        .       -
        0       Parent=Smp_343030.1
SM_V9_1 iris    gene    39271196        39284107        .       +
        .
ID=Smp_025890;geneID=Smp_025890;gene_name=Smp_025890;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    39271196        39284107        .       +
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        .
ID=Smp_025890.1;Parent=Smp_025890;geneID=Smp_025890;gene_name=Smp_02
5890;owner=irisadmin@local.host;orig_id=Smp_025890.1;date_last_modif
ied=2022-08-16;Name=Smp_025890.1;product=TBC1 domain family member
5;date_creation=2022-08-16
SM_V9_1 iris    exon    39271196        39271300        .       +
        .       Parent=Smp_025890.1;Name=771c6472-c490-4b50-
ae82-4b326eb8854d
SM_V9_1 iris    exon    39279879        39284107        .       +
        .       Parent=Smp_025890.1;Name=47d8fb77-
cf8d-476e-8a69-9c176bf64404
SM_V9_1 iris    CDS     39279936        39282239        .       +
        0       Parent=Smp_025890.1
SM_V9_1 iris    gene    39286930        39305212        .       -
        .
ID=Smp_136160;geneID=Smp_136160;gene_name=Smp_136160;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    39286930        39305212        .       -
        .
ID=Smp_136160.1;Parent=Smp_136160;geneID=Smp_136160;gene_name=Smp_13
6160;owner=irisadmin@local.host;orig_id=Smp_136160.1;date_last_modif
ied=2022-08-02;Name=Smp_136160.1;product=Tumor protein
p73;date_creation=2022-07-28
SM_V9_1 iris    exon    39286930        39287370        .       -
        .       Parent=Smp_136160.1;Name=f82f47cf-2f04-4d71-
b151-5d595bfc46b0
SM_V9_1 iris    exon    39294064        39294157        .       -
        .       Parent=Smp_136160.1;Name=48638afd-d1d2-43dc-
b34d-1e7175ee4841
SM_V9_1 iris    exon    39297446        39297597        .       -
        .       Parent=Smp_136160.1;Name=96477ef9-2e25-44d8-a72d-
d4f08f2fb2bb
SM_V9_1 iris    exon    39299848        39299970        .       -
        .       Parent=Smp_136160.1;Name=07b5d18c-f456-476e-b6e1-
b25e4dcdba77
SM_V9_1 iris    exon    39301745        39301934        .       -
        .       Parent=Smp_136160.1;Name=95accba2-
e1be-45db-9393-8e0d5e46f7ba
SM_V9_1 iris    exon    39303556        39303885        .       -
        .       Parent=Smp_136160.1;Name=789941a0-2093-4396-
af9b-5e28639c2b71
SM_V9_1 iris    exon    39303921        39304078        .       -
        .       Parent=Smp_136160.1;Name=f0be7f57-2c9b-4ccf-8bf5-
af16c400ea18
SM_V9_1 iris    exon    39304110        39304191        .       -
        .       Parent=Smp_136160.1;Name=f7adefd2-374f-423c-
a221-53b23be7737a
SM_V9_1 iris    exon    39304221        39304273        .       -
        .       Parent=Smp_136160.1;Name=e8fe6640-60c2-4d61-be47-
ae986867968d
SM_V9_1 iris    exon    39304316        39304419        .       -
        .       Parent=Smp_136160.1;Name=c25a87a8-d343-4039-
b172-4d2570236125
SM_V9_1 iris    exon    39305131        39305212        .       -
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        .       Parent=Smp_136160.1;Name=dc7aaff4-4e2b-4731-a8a9-
e103b8c03893
SM_V9_1 iris    CDS     39287347        39287370        .       -
        0       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39294064        39294157        .       -
        1       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39297446        39297597        .       -
        0       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39299848        39299970        .       -
        0       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39301745        39301934        .       -
        1       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39303556        39303885        .       -
        1       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39303921        39304078        .       -
        0       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39304110        39304191        .       -
        1       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39304221        39304273        .       -
        0       Parent=Smp_136160.1
SM_V9_1 iris    CDS     39304316        39304405        .       -
        0       Parent=Smp_136160.1
SM_V9_1 iris    gene    39318866        39320333        .       +
        .
ID=Smp_025860;geneID=Smp_025860;gene_name=Smp_025860;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39318866        39320333        .       +
        .
ID=Smp_025860.1;Parent=Smp_025860;geneID=Smp_025860;gene_name=Smp_02
5860;owner=irisadmin@local.host;orig_id=Smp_025860.1;date_last_modif
ied=2022-07-21;Name=Smp_025860.1;product=Thymosin
beta;date_creation=2022-07-21
SM_V9_1 iris    exon    39318866        39319034        .       +
        .
Parent=Smp_025860.1;Name=ec9ca10b-94d2-44e4-8934-0f2eca633fbb
SM_V9_1 iris    exon    39319966        39320073        .       +
        .
Parent=Smp_025860.1;Name=e6a7bdda-747c-4d10-9fe8-2e2cdd25f090
SM_V9_1 iris    exon    39320164        39320333        .       +
        .       Parent=Smp_025860.1;Name=633a920d-9793-490e-
a5c4-9b3ca341be22
SM_V9_1 iris    CDS     39318932        39319034        .       +
        0       Parent=Smp_025860.1
SM_V9_1 iris    CDS     39319966        39320073        .       +
        2       Parent=Smp_025860.1
SM_V9_1 iris    CDS     39320164        39320192        .       +
        2       Parent=Smp_025860.1
SM_V9_1 iris    gene    39372797        39397874        .       +
        .
ID=Smp_136150;geneID=Smp_136150;gene_name=Smp_136150;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39372797        39397874        .       +
        .
ID=Smp_136150.1;Parent=Smp_136150;geneID=Smp_136150;gene_name=Smp_13
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6150;owner=irisadmin@local.host;orig_id=Smp_136150.1;date_last_modif
ied=2022-07-21;Name=Smp_136150.1;product=Leucine-rich repeat-
containing protein 74A;date_creation=2022-07-21
SM_V9_1 iris    exon    39372797        39373142        .       +
        .       Parent=Smp_136150.1;Name=Smp_136150.1-CDS
SM_V9_1 iris    exon    39377865        39378445        .       +
        .       Parent=Smp_136150.1;Name=8d412c93-
a1dc-4d36-9e73-4e326c6edfeb
SM_V9_1 iris    exon    39381838        39381945        .       +
        .       Parent=Smp_136150.1;Name=3e74e6f2-0a6a-4729-
a064-2338903dc287
SM_V9_1 iris    exon    39382966        39383059        .       +
        .       Parent=Smp_136150.1;Name=25151018-7fed-430a-bfb6-
c066af9a5330
SM_V9_1 iris    exon    39384073        39384122        .       +
        .       Parent=Smp_136150.1;Name=37fbae31-966d-4ea7-adb1-
f8680a7cf227
SM_V9_1 iris    exon    39386545        39386626        .       +
        .
Parent=Smp_136150.1;Name=83554ca5-6e4c-4d2a-952e-723fbfd18808
SM_V9_1 iris    exon    39386673        39386758        .       +
        .
Parent=Smp_136150.1;Name=c4b6ad4b-908d-41e1-91c6-60ce1a4ced21
SM_V9_1 iris    exon    39388333        39388527        .       +
        .
Parent=Smp_136150.1;Name=2917ecb4-3602-4c53-8029-254272fc5a8f
SM_V9_1 iris    exon    39389370        39389465        .       +
        .
Parent=Smp_136150.1;Name=e2233f99-50af-4cc5-857a-3d5bc113228f
SM_V9_1 iris    exon    39390200        39390314        .       +
        .       Parent=Smp_136150.1;Name=d8941731-af35-465e-883e-
b732949a1104
SM_V9_1 iris    exon    39391305        39391438        .       +
        .       Parent=Smp_136150.1;Name=ded1b481-3d7d-4080-931d-
fe5c56c72969
SM_V9_1 iris    exon    39392704        39392789        .       +
        .
Parent=Smp_136150.1;Name=1e9d36ac-48aa-4e48-84c4-6f61e0da778a
SM_V9_1 iris    exon    39395384        39395532        .       +
        .
Parent=Smp_136150.1;Name=aaad0027-927f-4954-85db-7472c27b9f06
SM_V9_1 iris    exon    39397253        39397874        .       +
        .       Parent=Smp_136150.1;Name=8138954f-934d-4655-
a67f-286491434f64
SM_V9_1 iris    CDS     39373034        39373142        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39377865        39378445        .       +
        2       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39381838        39381945        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39382966        39383059        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39384073        39384122        .       +
        2       Parent=Smp_136150.1
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SM_V9_1 iris    CDS     39386545        39386626        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39386673        39386758        .       +
        2       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39388333        39388527        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39389370        39389465        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39390200        39390314        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39391305        39391438        .       +
        2       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39392704        39392789        .       +
        0       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39395384        39395532        .       +
        1       Parent=Smp_136150.1
SM_V9_1 iris    CDS     39397253        39397710        .       +
        2       Parent=Smp_136150.1
SM_V9_1 iris    gene    39412580        39437496        .       +
        .
ID=Smp_025830;geneID=Smp_025830;gene_name=Smp_025830;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39412580        39426874        .       +
        .
ID=Smp_025830.1;Parent=Smp_025830;geneID=Smp_025830;gene_name=Smp_02
5830;owner=irisadmin@local.host;orig_id=Smp_025830.1;date_last_modif
ied=2022-07-25;Name=Smp_025830.1;product=adp ribosyl
cyclase;date_creation=2022-07-21
SM_V9_1 iris    exon    39412580        39412824        .       +
        .       Parent=Smp_025830.1;Name=4ecabe7d-5e45-41b9-
bcff-9f78ad7eb48d
SM_V9_1 iris    exon    39414396        39414555        .       +
        .
Parent=Smp_025830.1;Name=82665adc-7f01-4e78-9cac-6eb8514fb3d1
SM_V9_1 iris    exon    39416894        39416981        .       +
        .       Parent=Smp_025830.1;Name=b6e1b381-fe00-423b-
b75d-3d3fd65ddcb0
SM_V9_1 iris    exon    39419097        39419224        .       +
        .       Parent=Smp_025830.1;Name=7d85f2b8-fc0d-4501-8df2-
e3c46cdf1b87
SM_V9_1 iris    exon    39421516        39421589        .       +
        .       Parent=Smp_025830.1;Name=2980b289-
ae53-4b63-9983-84d167b02a07
SM_V9_1 iris    exon    39424311        39424406        .       +
        .       Parent=Smp_025830.1;Name=bfd42406-0f73-4ea8-be71-
a74b687777c2
SM_V9_1 iris    exon    39426209        39426295        .       +
        .
Parent=Smp_025830.1;Name=0c38f26c-3964-4d46-8f64-17785c382ef2
SM_V9_1 iris    exon    39426652        39426874        .       +
        .
Parent=Smp_025830.1;Name=ff9f7033-4514-4ad1-93d2-34a01917a0f5
SM_V9_1 iris    CDS     39412691        39412824        .       +
        0       Parent=Smp_025830.1
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SM_V9_1 iris    CDS     39414396        39414555        .       +
        1       Parent=Smp_025830.1
SM_V9_1 iris    CDS     39416894        39416981        .       +
        0       Parent=Smp_025830.1
SM_V9_1 iris    CDS     39419097        39419224        .       +
        2       Parent=Smp_025830.1
SM_V9_1 iris    CDS     39421516        39421589        .       +
        0       Parent=Smp_025830.1
SM_V9_1 iris    CDS     39424311        39424406        .       +
        1       Parent=Smp_025830.1
SM_V9_1 iris    CDS     39426209        39426295        .       +
        1       Parent=Smp_025830.1
SM_V9_1 iris    CDS     39426652        39426793        .       +
        1       Parent=Smp_025830.1
SM_V9_1 Liftoff gene    39467214        39474506        .       +
        .
ID=Smp_318850;geneID=Smp_318850;previous_systematic_id=Smp_136140,Sm
p_213770
SM_V9_1 Liftoff mRNA    39467214        39474506        .       +
        .
ID=Smp_318850.1;Parent=Smp_318850;geneID=Smp_318850;product=Negative
elongation factor E;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    39467214        39470954        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39470990        39471021        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39471058        39471134        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39471168        39471234        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39471270        39471379        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39471418        39471450        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39471489        39471707        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39471733        39471899        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39473646        39473697        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39473734        39473830        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff exon    39474354        39474506        .       +
        .       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39470920        39470954        .       +
        0       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39470990        39471021        .       +
        1       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39471058        39471134        .       +
        2       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39471168        39471234        .       +
        0       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39471270        39471379        .       +
```

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        2       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39471418        39471450        .       +
        0       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39471489        39471707        .       +
        0       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39471733        39471899        .       +
        0       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39473646        39473697        .       +
        1       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39473734        39473830        .       +
        0       Parent=Smp_318850.1
SM_V9_1 Liftoff CDS     39474354        39474469        .       +
        2       Parent=Smp_318850.1
SM_V9_1 Liftoff gene    39475545        39476556        .       -
        .
ID=Smp_301340;geneID=Smp_301340;previous_systematic_id=Smp_025800
SM_V9_1 Liftoff mRNA    39475545        39476556        .       -
        .
ID=Smp_301340.1;Parent=Smp_301340;geneID=Smp_301340;product=Proteaso
me subunit beta type-1-
B;polypeptide_domain=InterPro:IPR001353,IPR016050,IPR023333,IPR02905
5
Pfam:PF00227;Ontology_term=GO:0004175,GO:0004298,GO:0005839,GO:00516
03
SM_V9_1 Liftoff exon    39475545        39475914        .       -
        .       Parent=Smp_301340.1
SM_V9_1 Liftoff exon    39475952        39476185        .       -
        .       Parent=Smp_301340.1
SM_V9_1 Liftoff exon    39476227        39476308        .       -
        .       Parent=Smp_301340.1
SM_V9_1 Liftoff exon    39476341        39476451        .       -
        .       Parent=Smp_301340.1
SM_V9_1 Liftoff exon    39476489        39476556        .       -
        .       Parent=Smp_301340.1
SM_V9_1 Liftoff CDS     39475732        39475914        .       -
        0       Parent=Smp_301340.1
SM_V9_1 Liftoff CDS     39475952        39476185        .       -
        0       Parent=Smp_301340.1
SM_V9_1 Liftoff CDS     39476227        39476308        .       -
        1       Parent=Smp_301340.1
SM_V9_1 Liftoff CDS     39476341        39476451        .       -
        1       Parent=Smp_301340.1
SM_V9_1 Liftoff CDS     39476489        39476517        .       -
        0       Parent=Smp_301340.1
SM_V9_1 iris    gene    39478380        39485784        .       +
        .
ID=Smp_303770;geneID=Smp_303770;gene_name=Smp_303770;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39478380        39485784        .       +
        .
ID=Smp_303770.1;Parent=Smp_303770;geneID=Smp_303770;gene_name=Smp_30
3770;owner=irisadmin@local.host;orig_id=Smp_303770.2;date_last_modif
ied=2022-07-21;Name=Smp_303770.1;product=Hypothetical
protein;date_creation=2022-07-21
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SM_V9_1 iris    exon    39478380        39478482        .       +
        .
Parent=Smp_303770.1;Name=468da026-44bb-4c7d-9772-494a833d9ff4
SM_V9_1 iris    exon    39482074        39482144        .       +
        .       Parent=Smp_303770.1;Name=70c2a179-d51e-462a-8f52-
ebca1c64b87a
SM_V9_1 iris    exon    39482180        39482211        .       +
        .       Parent=Smp_303770.1;Name=6cf70745-e1ab-490c-b627-
e5776dca6dac
SM_V9_1 iris    exon    39482248        39482324        .       +
        .       Parent=Smp_303770.1;Name=39b8f0ce-518f-45b7-84a5-
f1801327e1a7
SM_V9_1 iris    exon    39482358        39482424        .       +
        .       Parent=Smp_303770.1;Name=f28f7c99-0ed3-4355-
a669-653b8dccc7e6
SM_V9_1 iris    exon    39482460        39482569        .       +
        .       Parent=Smp_303770.1;Name=29cd7b0f-a8b7-4153-
be6e-994f6a251239
SM_V9_1 iris    exon    39482608        39482640        .       +
        .       Parent=Smp_303770.1;Name=abf776f2-8c4e-4868-9e69-
dd5771fc4528
SM_V9_1 iris    exon    39482679        39482894        .       +
        .
Parent=Smp_303770.1;Name=ca02dbf4-79ea-470e-9ab6-77888d5d7fed
SM_V9_1 iris    exon    39482959        39483089        .       +
        .
Parent=Smp_303770.1;Name=7dde7749-2500-446d-8eb8-4c2f44420233
SM_V9_1 iris    exon    39484836        39484887        .       +
        .       Parent=Smp_303770.1;Name=7ce7cfa8-0b15-4694-90ee-
d241663dbbb7
SM_V9_1 iris    exon    39484924        39485020        .       +
        .       Parent=Smp_303770.1;Name=2ccba547-9540-4f79-
b9aa-884338e2825b
SM_V9_1 iris    exon    39485544        39485784        .       +
        .       Parent=Smp_303770.1;Name=a2dfbc32-
d506-448c-87d6-56cf78f41ffc
SM_V9_1 iris    CDS     39482110        39482144        .       +
        0       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39482180        39482211        .       +
        1       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39482248        39482324        .       +
        2       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39482358        39482424        .       +
        0       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39482460        39482569        .       +
        2       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39482608        39482640        .       +
        0       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39482679        39482894        .       +
        0       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39482959        39483089        .       +
        0       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39484836        39484887        .       +
        1       Parent=Smp_303770.1
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SM_V9_1 iris    CDS     39484924        39485020        .       +
        0       Parent=Smp_303770.1
SM_V9_1 iris    CDS     39485544        39485659        .       +
        2       Parent=Smp_303770.1
SM_V9_1 iris    gene    39488110        39495010        .       +
        .
ID=Smp_213780;geneID=Smp_213780;gene_name=Smp_213780;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    39488110        39495010        .       +
        .
ID=Smp_213780.1;Parent=Smp_213780;geneID=Smp_213780;gene_name=Smp_21
3780;owner=irisadmin@local.host;orig_id=Smp_213780.1;date_last_modif
ied=2022-08-02;Name=Smp_213780.1;product=ATP-dependent (S)-NAD(P)H-
hydrate dehydratase;date_creation=2022-07-28
SM_V9_1 iris    exon    39488110        39488426        .       +
        .       Parent=Smp_213780.1;Name=379b2d02-c0c0-412f-8271-
d63a8f621617
SM_V9_1 iris    exon    39494443        39495010        .       +
        .       Parent=Smp_213780.1;Name=ca4e6c0c-a40d-42d1-
bb8a-35b6e7daf897
SM_V9_1 iris    CDS     39488147        39488426        .       +
        0       Parent=Smp_213780.1
SM_V9_1 iris    CDS     39494443        39494774        .       +
        2       Parent=Smp_213780.1
SM_V9_1 Liftoff gene    39498522        39499536        .       -
        .
ID=Smp_305800;geneID=Smp_305800;previous_systematic_id=Smp_025800
SM_V9_1 Liftoff mRNA    39498522        39499536        .       -
        .
ID=Smp_305800.1;Parent=Smp_305800;geneID=Smp_305800;product=Proteaso
me subunit beta type-1-
B;polypeptide_domain=InterPro:IPR001353,IPR016050,IPR023333,IPR02905
5
Pfam:PF00227;Ontology_term=GO:0004175,GO:0004298,GO:0005839,GO:00516
03
SM_V9_1 Liftoff exon    39498522        39498891        .       -
        .       Parent=Smp_305800.1
SM_V9_1 Liftoff exon    39498929        39499162        .       -
        .       Parent=Smp_305800.1
SM_V9_1 Liftoff exon    39499204        39499285        .       -
        .       Parent=Smp_305800.1
SM_V9_1 Liftoff exon    39499318        39499428        .       -
        .       Parent=Smp_305800.1
SM_V9_1 Liftoff exon    39499466        39499536        .       -
        .       Parent=Smp_305800.1
SM_V9_1 Liftoff CDS     39498709        39498891        .       -
        0       Parent=Smp_305800.1
SM_V9_1 Liftoff CDS     39498929        39499162        .       -
        0       Parent=Smp_305800.1
SM_V9_1 Liftoff CDS     39499204        39499285        .       -
        1       Parent=Smp_305800.1
SM_V9_1 Liftoff CDS     39499318        39499428        .       -
        1       Parent=Smp_305800.1
SM_V9_1 Liftoff CDS     39499466        39499494        .       -
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        0       Parent=Smp_305800.1
SM_V9_1 Liftoff gene    39512302        39513241        .       -
        .       ID=Smp_348100;geneID=Smp_348100;note=added from
PMID:29497070
SM_V9_1 Liftoff mRNA    39512302        39513241        .       -
        .
ID=Smp_348100.1;Parent=Smp_348100;geneID=Smp_348100;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    39512302        39512537        .       -
        .       Parent=Smp_348100.1
SM_V9_1 Liftoff exon    39513203        39513241        .       -
        .       Parent=Smp_348100.1
SM_V9_1 Liftoff CDS     39512446        39512537        .       -
        2       Parent=Smp_348100.1
SM_V9_1 Liftoff CDS     39513203        39513209        .       -
        0       Parent=Smp_348100.1
SM_V9_1 Liftoff gene    39513587        39514526        .       +
        .       ID=Smp_348200;geneID=Smp_348200;note=added from
PMID:29497070
SM_V9_1 Liftoff mRNA    39513587        39514526        .       +
        .
ID=Smp_348200.1;Parent=Smp_348200;geneID=Smp_348200;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    39513587        39513626        .       +
        .       Parent=Smp_348200.1
SM_V9_1 Liftoff exon    39514292        39514526        .       +
        .       Parent=Smp_348200.1
SM_V9_1 Liftoff CDS     39513620        39513626        .       +
        0       Parent=Smp_348200.1
SM_V9_1 Liftoff CDS     39514292        39514383        .       +
        2       Parent=Smp_348200.1
SM_V9_1 Liftoff gene    39518257        39538976        .       -
        .       ID=Smp_200530;geneID=Smp_200530
SM_V9_1 Liftoff mRNA    39518257        39538976        .       -
        .
ID=Smp_200530.1;Parent=Smp_200530;geneID=Smp_200530;product=npp-39;e
vidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_1 Liftoff exon    39518257        39518512        .       -
        .       Parent=Smp_200530.1
SM_V9_1 Liftoff exon    39520979        39538976        .       -
        .       Parent=Smp_200530.1
SM_V9_1 Liftoff CDS     39518412        39518512        .       -
        2       Parent=Smp_200530.1
SM_V9_1 Liftoff CDS     39520979        39521150        .       -
        0       Parent=Smp_200530.1
SM_V9_1 iris    gene    39562754        39569346        .       -
        .
ID=Smp_025750;geneID=Smp_025750;gene_name=Smp_025750;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39562754        39569346        .       -
        .
ID=Smp_025750.1;Parent=Smp_025750;geneID=Smp_025750;gene_name=Smp_02
5750;owner=irisadmin@local.host;orig_id=Smp_025750.1;date_last_modif
ied=2022-07-21;Name=Smp_025750.1;product=Thyroglobulin;date_creation
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=2022-07-21
SM_V9_1 iris    exon    39562754        39564271        .       -
        .       Parent=Smp_025750.1;Name=4e56f30a-ea93-4d6a-b50f-
c5bccf21d725
SM_V9_1 iris    exon    39569212        39569346        .       -
        .       Parent=Smp_025750.1;Name=4ab5d717-ac0c-4882-8f69-
ba0cf0f12e7d
SM_V9_1 iris    CDS     39562997        39564271        .       -
        0       Parent=Smp_025750.1
SM_V9_1 iris    gene    39574350        39582608        .       +
        .
ID=Smp_025740;geneID=Smp_025740;gene_name=Smp_025740;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    39574350        39582608        .       +
        .
ID=Smp_025740.1;Parent=Smp_025740;geneID=Smp_025740;gene_name=Smp_02
5740;owner=irisadmin@local.host;orig_id=Smp_025740.1;date_last_modif
ied=2022-08-02;Name=Smp_025740.1;product=Rho-related GTP-binding
protein RhoU;date_creation=2022-07-28
SM_V9_1 iris    exon    39574350        39574718        .       +
        .       Parent=Smp_025740.1;Name=22579498-7ee8-4d81-
b71e-7d407e89b7f8
SM_V9_1 iris    exon    39578991        39579049        .       +
        .       Parent=Smp_025740.1;Name=9557fa78-c9df-437c-
b1bc-599061aa5c55
SM_V9_1 iris    exon    39581124        39582608        .       +
        .       Parent=Smp_025740.1;Name=2597be04-50f5-4365-
b43b-80189f500899
SM_V9_1 iris    CDS     39574496        39574718        .       +
        0       Parent=Smp_025740.1
SM_V9_1 iris    CDS     39578991        39579049        .       +
        2       Parent=Smp_025740.1
SM_V9_1 iris    CDS     39581124        39581855        .       +
        0       Parent=Smp_025740.1
SM_V9_1 Liftoff gene    39582844        39611416        .       -
        .       ID=Smp_136190;geneID=Smp_136190
SM_V9_1 Liftoff mRNA    39582844        39611416        .       -
        .
ID=Smp_136190.1;Parent=Smp_136190;geneID=Smp_136190;product=Nuclear
protein MDM1;polypeptide_domain=InterPro:IPR029136
Pfam:PF15501;Ontology_term=GO:0008017,GO:0046600
SM_V9_1 Liftoff exon    39582844        39611416        .       -
        .       Parent=Smp_136190.1
SM_V9_1 Liftoff CDS     39583003        39584925        .       -
        0       Parent=Smp_136190.1
SM_V9_1 Liftoff gene    39613920        39620165        .       +
        .       ID=Smp_136130;geneID=Smp_136130
SM_V9_1 Liftoff mRNA    39613920        39620165        .       +
        .
ID=Smp_136130.1;Parent=Smp_136130;geneID=Smp_136130;product=Protein
PTHB1;polypeptide_domain=InterPro:IPR028073,IPR028074
Pfam:PF14727,PF14728
SM_V9_1 Liftoff exon    39613920        39615268        .       +
        .       Parent=Smp_136130.1
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SM_V9_1 Liftoff exon    39617904        39620165        .       +
        .       Parent=Smp_136130.1
SM_V9_1 Liftoff CDS     39614234        39615268        .       +
        0       Parent=Smp_136130.1
SM_V9_1 Liftoff CDS     39617904        39620039        .       +
        0       Parent=Smp_136130.1
SM_V9_1 Liftoff gene    39622081        39622546        .       -
        .       ID=Smp_318870;geneID=Smp_318870
SM_V9_1 Liftoff mRNA    39622081        39622546        .       -
        .
ID=Smp_318870.1;Parent=Smp_318870;geneID=Smp_318870;product=tRNA1(Va
l) (adenine(37)-N6)-methyltransferase
SM_V9_1 Liftoff exon    39622081        39622546        .       -
        .       Parent=Smp_318870.1
SM_V9_1 Liftoff CDS     39622219        39622416        .       -
        0       Parent=Smp_318870.1
SM_V9_1 iris    gene    39678773        39680210        .       +
        .
ID=Smp_350260;geneID=Smp_350260;gene_name=Smp_350260;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    39678775        39680210        .       +
        .
ID=Smp_350260.1;Parent=Smp_350260;geneID=Smp_350260;gene_name=Smp_35
0260;owner=irisadmin@local.host;date_last_modified=2022-08-29;Name=S
mp_350260.1;date_creation=2022-08-29
SM_V9_1 iris    exon    39678775        39680210        .       +
        .       Parent=Smp_350260.1;Name=Smp_350260.1-CDS
SM_V9_1 iris    CDS     39679098        39679973        .       +
        0       Parent=Smp_350260.1
SM_V9_1 Liftoff gene    39707941        39709706        .       -
        .       ID=Smp_266750;geneID=Smp_266750
SM_V9_1 Liftoff mRNA    39707941        39709706        .       -
        .
ID=Smp_266750.1;Parent=Smp_266750;geneID=Smp_266750;product=hypothet
ical protein
SM_V9_1 Liftoff exon    39707941        39709706        .       -
        .       Parent=Smp_266750.1
SM_V9_1 Liftoff CDS     39708390        39709454        .       -
        0       Parent=Smp_266750.1
SM_V9_1 Liftoff gene    39731003        39731269        .       +
        .       ID=Smp_200910;geneID=Smp_200910
SM_V9_1 Liftoff mRNA    39731003        39731269        .       +
        .
ID=Smp_200910.1;Parent=Smp_200910;geneID=Smp_200910;product=Acetyl-
CoA carboxylase
SM_V9_1 Liftoff exon    39731003        39731269        .       +
        .       Parent=Smp_200910.1
SM_V9_1 Liftoff CDS     39731003        39731269        .       +
        0       Parent=Smp_200910.1
SM_V9_1 iris    gene    39744785        39764877        .       -
        .
ID=Smp_025700;geneID=Smp_025700;gene_name=Smp_025700;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    39744785        39764877        .       -
```

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        .
ID=Smp_025700.1;Parent=Smp_025700;geneID=Smp_025700;gene_name=Smp_02
5700;owner=irisadmin@local.host;orig_id=Smp_025700.1;date_last_modif
ied=2022-08-29;Name=Smp_025700.1;product=Rab9 effector protein with
kelch motifs;date_creation=2022-08-29
SM_V9_1 iris    exon    39744785        39745278        .       -
        .       Parent=Smp_025700.1;Name=91b89b74-b50b-44aa-
bef8-97eac010c1d7
SM_V9_1 iris    exon    39748092        39748235        .       -
        .       Parent=Smp_025700.1;Name=ea14dd03-aef3-48a6-88d0-
ebbf4eda9c82
SM_V9_1 iris    exon    39749113        39749392        .       -
        .       Parent=Smp_025700.1;Name=5d533329-67a0-44c4-
bff7-16408662b8e1
SM_V9_1 iris    exon    39750682        39750900        .       -
        .       Parent=Smp_025700.1;Name=a309c9bd-0b2f-46d0-
b0b3-986e5b9ceb43
SM_V9_1 iris    exon    39755470        39755742        .       -
        .       Parent=Smp_025700.1;Name=6f1f2848-4a40-4c19-9a76-
eb241c8a40c5
SM_V9_1 iris    exon    39761546        39761810        .       -
        .       Parent=Smp_025700.1;Name=a296e6b6-4c43-4845-b47c-
d1776b0bd26a
SM_V9_1 iris    exon    39764262        39764877        .       -
        .
Parent=Smp_025700.1;Name=b924100a-097a-41c9-85c6-0087eef974c9
SM_V9_1 iris    CDS     39745067        39745278        .       -
        2       Parent=Smp_025700.1
SM_V9_1 iris    CDS     39748092        39748235        .       -
        2       Parent=Smp_025700.1
SM_V9_1 iris    CDS     39749113        39749392        .       -
        0       Parent=Smp_025700.1
SM_V9_1 iris    CDS     39750682        39750900        .       -
        0       Parent=Smp_025700.1
SM_V9_1 iris    CDS     39755470        39755742        .       -
        0       Parent=Smp_025700.1
SM_V9_1 iris    CDS     39761546        39761810        .       -
        1       Parent=Smp_025700.1
SM_V9_1 iris    CDS     39764262        39764302        .       -
        0       Parent=Smp_025700.1
SM_V9_1 Liftoff gene    39771753        39774911        .       -
        .
ID=Smp_331660;geneID=Smp_331660;previous_systematic_id=Smp_025690
SM_V9_1 Liftoff mRNA    39771753        39774911        .       -
        .
ID=Smp_331660.1;Parent=Smp_331660;geneID=Smp_331660;product=26S
proteasome non-ATPase regulatory subunit 13 homolog B
SM_V9_1 Liftoff exon    39771753        39774911        .       -
        .       Parent=Smp_331660.1
SM_V9_1 Liftoff CDS     39771964        39772212        .       -
        0       Parent=Smp_331660.1
SM_V9_1 Liftoff gene    39776837        39777554        .       +
        .       ID=Smp_025680;geneID=Smp_025680
SM_V9_1 Liftoff mRNA    39776837        39777554        .       +
```

```
        .
ID=Smp_025680.1;Parent=Smp_025680;geneID=Smp_025680;product=COP9
signalosome complex subunit 8;polypeptide_domain=InterPro:IPR033464
Pfam:PF10075
SM_V9_1 Liftoff exon    39776837        39777554        .       +
        .       Parent=Smp_025680.1
SM_V9_1 Liftoff CDS     39776898        39777533        .       +
        0       Parent=Smp_025680.1
SM_V9_1 iris    gene    39777592        39781822        .       +
        .
ID=Smp_025670;geneID=Smp_025670;gene_name=Smp_025670;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    39777592        39781822        .       +
        .
ID=Smp_025670.1;Parent=Smp_025670;geneID=Smp_025670;gene_name=Smp_02
5670;owner=irisadmin@local.host;orig_id=Smp_025670.1;date_last_modif
ied=2022-08-02;Name=Smp_025670.1;product=Zinc finger protein
213;date_creation=2022-07-28
SM_V9_1 iris    exon    39777592        39777883        .       +
        .       Parent=Smp_025670.1;Name=e50614d1-73bd-41db-9748-
d5ff5bfdcdf2
SM_V9_1 iris    exon    39778897        39779319        .       +
        .       Parent=Smp_025670.1;Name=8db3cf75-
c726-4011-9100-18ce1def4d16
SM_V9_1 iris    exon    39780284        39780541        .       +
        .       Parent=Smp_025670.1;Name=8c1cab09-1a80-433c-aadd-
d7aa72b4b5b1
SM_V9_1 iris    exon    39780659        39781822        .       +
        .       Parent=Smp_025670.1;Name=23d8601d-b279-4a02-9620-
b928aa4de52f
SM_V9_1 iris    CDS     39777620        39777883        .       +
        0       Parent=Smp_025670.1
SM_V9_1 iris    CDS     39778897        39779319        .       +
        0       Parent=Smp_025670.1
SM_V9_1 iris    CDS     39780284        39780541        .       +
        0       Parent=Smp_025670.1
SM_V9_1 iris    CDS     39780659        39781231        .       +
        0       Parent=Smp_025670.1
SM_V9_1 iris    gene    39789349        39798497        .       -
        .
ID=Smp_343020;geneID=Smp_343020;gene_name=Smp_343020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    39789349        39798497        .       -
        .
ID=Smp_343020.1;Parent=Smp_343020;geneID=Smp_343020;gene_name=Smp_34
3020;owner=irisadmin@local.host;orig_id=Smp_343020.1;date_last_modif
ied=2022-08-02;Name=Smp_343020.1;product=Helix-loop-helix protein
13;date_creation=2022-07-28
SM_V9_1 iris    exon    39789349        39790389        .       -
        .       Parent=Smp_343020.1;Name=2ec2a76b-24c0-4665-
a668-2bface2ed903
SM_V9_1 iris    exon    39792649        39792871        .       -
        .       Parent=Smp_343020.1;Name=34f1c7c0-98bc-4c9a-bbc3-
b476bda42ff9
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SM_V9_1 iris    exon    39797857        39798497        .       -
        .       Parent=Smp_343020.1;Name=9e14bb6b-
aa0b-451a-977b-9441610c05ac
SM_V9_1 iris    CDS     39790292        39790389        .       -
        2       Parent=Smp_343020.1
SM_V9_1 iris    CDS     39792649        39792871        .       -
        0       Parent=Smp_343020.1
SM_V9_1 iris    CDS     39797857        39798348        .       -
        0       Parent=Smp_343020.1
SM_V9_1 iris    gene    39808545        39835773        .       +
        .
ID=Smp_136110;geneID=Smp_136110;gene_name=Smp_136110;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39808545        39835773        .       +
        .
ID=Smp_136110.1;Parent=Smp_136110;geneID=Smp_136110;gene_name=Smp_13
6110;owner=irisadmin@local.host;orig_id=Smp_136110.2;date_last_modif
ied=2022-07-21;Name=Smp_136110.1;product=Protein phosphatase 1
regulatory subunit 37 homolog;date_creation=2022-07-21
SM_V9_1 iris    exon    39808545        39808621        .       +
        .
Parent=Smp_136110.1;Name=f6136ff9-5e51-450e-9fb6-198714fc3f18
SM_V9_1 iris    exon    39818587        39818748        .       +
        .       Parent=Smp_136110.1;Name=63cffa8d-6afb-49f0-
a356-2374dd6c7a37
SM_V9_1 iris    exon    39818783        39818880        .       +
        .       Parent=Smp_136110.1;Name=70dc0d06-6ed6-4858-
a6be-746aa4baf602
SM_V9_1 iris    exon    39818913        39818964        .       +
        .       Parent=Smp_136110.1;Name=61478c54-afdb-4e8d-b3a3-
be599b815dbf
SM_V9_1 iris    exon    39818997        39819097        .       +
        .       Parent=Smp_136110.1;Name=2ea46e29-086b-4d49-b728-
da941a6da872
SM_V9_1 iris    exon    39821525        39821644        .       +
        .       Parent=Smp_136110.1;Name=0162b4c8-9ade-4ec2-
ab83-50e6ab476c00
SM_V9_1 iris    exon    39823102        39823548        .       +
        .       Parent=Smp_136110.1;Name=4b3e8a22-f6a7-4b1f-b236-
dbf97f7ae827
SM_V9_1 iris    exon    39832096        39832546        .       +
        .       Parent=Smp_136110.1;Name=5d0f379a-
db14-49f8-9488-5182281bd423
SM_V9_1 iris    exon    39832627        39832706        .       +
        .       Parent=Smp_136110.1;Name=8751b2a8-a6dd-47f8-9dff-
ccdeedb287af
SM_V9_1 iris    exon    39835109        39835773        .       +
        .
Parent=Smp_136110.1;Name=5d2c8077-38c3-491e-9272-0dca119e01d1
SM_V9_1 iris    CDS     39808597        39808621        .       +
        0       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39818587        39818748        .       +
        2       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39818783        39818880        .       +
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        2       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39818913        39818964        .       +
        0       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39818997        39819097        .       +
        2       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39821525        39821644        .       +
        0       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39823102        39823548        .       +
        0       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39832096        39832546        .       +
        0       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39832627        39832706        .       +
        2       Parent=Smp_136110.1
SM_V9_1 iris    CDS     39835109        39835450        .       +
        0       Parent=Smp_136110.1
SM_V9_1 Liftoff gene    39845875        39848105        .       +
        .
ID=Smp_343010;geneID=Smp_343010;previous_systematic_id=Smp_136100
SM_V9_1 Liftoff mRNA    39845875        39848105        .       +
        .
ID=Smp_343010.1;Parent=Smp_343010;geneID=Smp_343010;product=Kelch-
like protein
10;polypeptide_domain=InterPro:IPR006652,IPR011705,IPR015915,IPR0170
96 Pfam:PF01344,PF07707;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    39845875        39848105        .       +
        .       Parent=Smp_343010.1
SM_V9_1 Liftoff CDS     39845908        39847713        .       +
        0       Parent=Smp_343010.1
SM_V9_1 Liftoff gene    39857143        39861202        .       -
        .       ID=Smp_136090;geneID=Smp_136090
SM_V9_1 Liftoff mRNA    39857143        39861202        .       -
        .
ID=Smp_136090.1;Parent=Smp_136090;geneID=Smp_136090;product=60S
ribosomal protein L7;polypeptide_domain=InterPro:IPR016082
Pfam:PF00327
SM_V9_1 Liftoff exon    39857143        39857965        .       -
        .       Parent=Smp_136090.1
SM_V9_1 Liftoff exon    39860549        39860702        .       -
        .       Parent=Smp_136090.1
SM_V9_1 Liftoff exon    39860734        39860940        .       -
        .       Parent=Smp_136090.1
SM_V9_1 Liftoff exon    39860975        39861143        .       -
        .       Parent=Smp_136090.1
SM_V9_1 Liftoff exon    39861178        39861202        .       -
        .       Parent=Smp_136090.1
SM_V9_1 Liftoff CDS     39857751        39857965        .       -
        2       Parent=Smp_136090.1
SM_V9_1 Liftoff CDS     39860549        39860702        .       -
        0       Parent=Smp_136090.1
SM_V9_1 Liftoff CDS     39860734        39860940        .       -
        0       Parent=Smp_136090.1
SM_V9_1 Liftoff CDS     39860975        39861143        .       -
        1       Parent=Smp_136090.1
SM_V9_1 Liftoff CDS     39861178        39861179        .       -
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        0       Parent=Smp_136090.1
SM_V9_1 iris    gene    39883106        39889881        .       -
        .
ID=Smp_115290;geneID=Smp_115290;gene_name=Smp_115290;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    39883106        39889881        .       -
        .
ID=Smp_115290.1;Parent=Smp_115290;geneID=Smp_115290;gene_name=Smp_11
5290;owner=irisadmin@local.host;orig_id=Smp_115290.1;date_last_modif
ied=2022-07-21;Name=Smp_115290.1;product=Ran-specific GTPase-
activating protein;date_creation=2022-07-21
SM_V9_1 iris    exon    39883106        39883343        .       -
        .       Parent=Smp_115290.1;Name=551c1bc0-
f531-498b-9bba-42c32730334b
SM_V9_1 iris    exon    39886585        39886653        .       -
        .       Parent=Smp_115290.1;Name=f11953b2-
eb06-468f-9271-970a60efac2a
SM_V9_1 iris    exon    39889111        39889258        .       -
        .
Parent=Smp_115290.1;Name=317b5407-5345-466a-8181-40165af22783
SM_V9_1 iris    exon    39889291        39889429        .       -
        .
Parent=Smp_115290.1;Name=a3ee43ba-0517-432a-8ab8-3e9dd0e8cb84
SM_V9_1 iris    exon    39889468        39889562        .       -
        .       Parent=Smp_115290.1;Name=e9ed5697-684c-4f8a-8f75-
a20e3cc67705
SM_V9_1 iris    exon    39889595        39889704        .       -
        .       Parent=Smp_115290.1;Name=cdabcc69-
f0c2-41e9-9ef2-713ff037a8b6
SM_V9_1 iris    exon    39889815        39889881        .       -
        .       Parent=Smp_115290.1;Name=983b6f66-
a9e9-4c02-8f0d-6b49b7074c78
SM_V9_1 iris    CDS     39883195        39883343        .       -
        2       Parent=Smp_115290.1
SM_V9_1 iris    CDS     39886585        39886653        .       -
        2       Parent=Smp_115290.1
SM_V9_1 iris    CDS     39889111        39889258        .       -
        0       Parent=Smp_115290.1
SM_V9_1 iris    CDS     39889291        39889429        .       -
        1       Parent=Smp_115290.1
SM_V9_1 iris    CDS     39889468        39889562        .       -
        0       Parent=Smp_115290.1
SM_V9_1 iris    CDS     39889595        39889612        .       -
        0       Parent=Smp_115290.1
SM_V9_1 iris    gene    39895562        39905999        .       +
        .
ID=Smp_025620;geneID=Smp_025620;gene_name=Smp_025620;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    39895562        39905999        .       +
        .
ID=Smp_025620.1;Parent=Smp_025620;geneID=Smp_025620;gene_name=Smp_02
5620;owner=irisadmin@local.host;orig_id=Smp_025620.1;date_last_modif
ied=2022-08-02;Name=Smp_025620.1;product=Coiled-coil domain-
containing protein 151;date_creation=2022-07-28
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SM_V9_1 iris    exon    39895562        39895692        .       +
        .       Parent=Smp_025620.1;Name=f5829d9c-2fb6-4cd8-b2a0-
dd81a9785fa5
SM_V9_1 iris    exon    39895722        39895843        .       +
        .       Parent=Smp_025620.1;Name=dc2c02b6-
da4c-4e68-9dec-3dd83754bd6a
SM_V9_1 iris    exon    39895878        39895955        .       +
        .       Parent=Smp_025620.1;Name=80478ee7-6a92-4560-
b7bd-2f0d37226d39
SM_V9_1 iris    exon    39895995        39896279        .       +
        .       Parent=Smp_025620.1;Name=8c879754-ab90-4ce3-919c-
b1b9e1ffaf29
SM_V9_1 iris    exon    39896316        39896561        .       +
        .
Parent=Smp_025620.1;Name=950774ea-50fd-4623-8670-0ac4601b1673
SM_V9_1 iris    exon    39900783        39901132        .       +
        .
Parent=Smp_025620.1;Name=0c613d45-3914-49a5-93e7-0e6ab1913b38
SM_V9_1 iris    exon    39902054        39902417        .       +
        .       Parent=Smp_025620.1;Name=f2efaae5-65eb-448d-97c2-
a051ce21a427
SM_V9_1 iris    exon    39905025        39905109        .       +
        .       Parent=Smp_025620.1;Name=801189a2-c38c-4d43-
aca8-0cb95e617494
SM_V9_1 iris    exon    39905534        39905999        .       +
        .       Parent=Smp_025620.1;Name=3ffb20a2-91f2-4bf2-bbba-
e4adcee6cc74
SM_V9_1 iris    CDS     39895635        39895692        .       +
        0       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39895722        39895843        .       +
        2       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39895878        39895955        .       +
        0       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39895995        39896279        .       +
        0       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39896316        39896561        .       +
        0       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39900783        39901132        .       +
        0       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39902054        39902417        .       +
        1       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39905025        39905109        .       +
        0       Parent=Smp_025620.1
SM_V9_1 iris    CDS     39905534        39905661        .       +
        2       Parent=Smp_025620.1
SM_V9_1 Liftoff gene    39981790        40104633        .       +
        .       ID=Smp_173380;geneID=Smp_173380
SM_V9_1 Liftoff mRNA    39981790        40104633        .       +
        .
ID=Smp_173380.1;Parent=Smp_173380;geneID=Smp_173380;product=Inactive
tyrosine-protein kinase
7;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR002011,IPR00359
8,IPR003599,IPR007110,IPR008266,IPR011009,IPR013098,IPR013783,IPR020
635
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Pfam:PF07679,PF07714,PF13927;Ontology_term=GO:0004672,GO:0004713,GO:
0004714,GO:0005524,GO:0006468,GO:0007169,GO:0016020
SM_V9_1 Liftoff exon    39981790        39982098        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40045079        40045381        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40046775        40046922        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40054484        40054629        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40066377        40066557        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40068676        40068827        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40074769        40074931        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40078377        40078603        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40081912        40082069        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40082425        40082566        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40084268        40084555        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40092929        40093426        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40095168        40095344        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40097422        40098273        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40099854        40100086        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff exon    40101476        40104633        .       +
        .       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     39982050        39982098        .       +
        0       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40045079        40045381        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40046775        40046922        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40054484        40054629        .       +
        1       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40066377        40066557        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40068676        40068827        .       +
        1       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40074769        40074931        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40078377        40078603        .       +
        1       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40081912        40082069        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40082425        40082566        .       +
        0       Parent=Smp_173380.1
```

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SM_V9_1 Liftoff CDS     40084268        40084555        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40092929        40093426        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40095168        40095344        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40097422        40098273        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40099854        40100086        .       +
        2       Parent=Smp_173380.1
SM_V9_1 Liftoff CDS     40101476        40102207        .       +
        0       Parent=Smp_173380.1
SM_V9_1 Liftoff mRNA    40028465        40104628        .       +
        .
ID=Smp_173380.2;Parent=Smp_173380;geneID=Smp_173380;product=Inactive
tyrosine-protein kinase
7;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR002011,IPR00359
8,IPR003599,IPR007110,IPR008266,IPR011009,IPR013098,IPR013783,IPR020
635
Pfam:PF07679,PF07714,PF13927;Ontology_term=GO:0004672,GO:0004713,GO:
0004714,GO:0005524,GO:0006468,GO:0007169,GO:0016020
SM_V9_1 Liftoff exon    40028465        40028888        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40045079        40045381        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40046775        40046922        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40054484        40054629        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40066377        40066557        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40068676        40068827        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40074769        40074931        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40078377        40078723        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40081912        40082069        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40082425        40082566        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40084268        40084555        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40092929        40093426        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40095168        40095344        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40097422        40098273        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40099854        40100086        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff exon    40101476        40104628        .       +
        .       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40028801        40028888        .       +
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        0       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40045079        40045381        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40046775        40046922        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40054484        40054629        .       +
        1       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40066377        40066557        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40068676        40068827        .       +
        1       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40074769        40074931        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40078377        40078723        .       +
        1       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40081912        40082069        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40082425        40082566        .       +
        0       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40084268        40084555        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40092929        40093426        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40095168        40095344        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40097422        40098273        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40099854        40100086        .       +
        2       Parent=Smp_173380.2
SM_V9_1 Liftoff CDS     40101476        40102207        .       +
        0       Parent=Smp_173380.2
SM_V9_1 iris    gene    40121931        40160027        .       +
        .
ID=Smp_346200;geneID=Smp_346200;gene_name=Smp_346200;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    40121931        40160027        .       +
        .
ID=Smp_346200.1;Parent=Smp_346200;geneID=Smp_346200;gene_name=Smp_34
6200;owner=irisadmin@local.host;orig_id=Smp_346200.1;date_last_modif
ied=2022-08-02;Name=Smp_346200.1;product=DnaJ homolog subfamily C
member 1;date_creation=2022-07-28
SM_V9_1 iris    exon    40121931        40122109        .       +
        .       Parent=Smp_346200.1;Name=4c97c77a-faed-48e1-83ea-
c57579f8e8a3
SM_V9_1 iris    exon    40132470        40132714        .       +
        .       Parent=Smp_346200.1;Name=295ee111-b58e-4f06-
a44f-7b56292f0a09
SM_V9_1 iris    exon    40132753        40132904        .       +
        .       Parent=Smp_346200.1;Name=a38d3eec-4f23-48a5-
a927-6ab9249c5207
SM_V9_1 iris    exon    40132942        40133113        .       +
        .
Parent=Smp_346200.1;Name=8d342313-299e-4164-8bbb-3aa551260619
SM_V9_1 iris    exon    40133147        40133393        .       +
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        .       Parent=Smp_346200.1;Name=dc159079-629e-42c0-a4ae-
cc2aaffa490a
SM_V9_1 iris    exon    40134215        40134417        .       +
        .
Parent=Smp_346200.1;Name=6a52de95-6229-4a1b-9149-94b389fe9c76
SM_V9_1 iris    exon    40143493        40143658        .       +
        .       Parent=Smp_346200.1;Name=89b9c21b-cdee-460b-97bd-
f0224064b671
SM_V9_1 iris    exon    40147929        40148147        .       +
        .       Parent=Smp_346200.1;Name=8edf3361-5e72-4f0f-b0ed-
e26a6c9da16a
SM_V9_1 iris    exon    40149000        40149217        .       +
        .       Parent=Smp_346200.1;Name=21a7c08c-8af9-422a-
a02c-7aac9fa90ba5
SM_V9_1 iris    exon    40159833        40160027        .       +
        .       Parent=Smp_346200.1;Name=8f826442-27a9-4931-
bd28-1982babccded
SM_V9_1 iris    CDS     40132583        40132714        .       +
        0       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40132753        40132904        .       +
        0       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40132942        40133113        .       +
        1       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40133147        40133393        .       +
        0       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40134215        40134417        .       +
        2       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40143493        40143658        .       +
        0       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40147929        40148147        .       +
        2       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40149000        40149217        .       +
        2       Parent=Smp_346200.1
SM_V9_1 iris    CDS     40159833        40159889        .       +
        0       Parent=Smp_346200.1
SM_V9_1 iris    gene    40171781        40172902        .       +
        .
ID=Smp_347110;geneID=Smp_347110;gene_name=Smp_347110;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    40171781        40172902        .       +
        .
ID=Smp_347110.1;Parent=Smp_347110;geneID=Smp_347110;gene_name=Smp_34
7110;owner=irisadmin@local.host;orig_id=Smp_347110.1;date_last_modif
ied=2022-08-02;Name=Smp_347110.1;product=60S ribosomal protein
L5;date_creation=2022-07-28
SM_V9_1 iris    exon    40171781        40171822        .       +
        .
Parent=Smp_347110.1;Name=a75cfdfa-812f-4b26-9310-34c2cc0b7673
SM_V9_1 iris    exon    40171854        40171923        .       +
        .
Parent=Smp_347110.1;Name=a3dbd214-33b7-444d-8fae-826b243698c7
SM_V9_1 iris    exon    40171965        40172080        .       +
        .       Parent=Smp_347110.1;Name=772c175a-873b-4a0b-881b-
ff70f7e8f422
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SM_V9_1 iris    exon    40172116        40172902        .       +
        .       Parent=Smp_347110.1;Name=cf4cd345-7bec-4ef4-bd58-
a45ef73bf99a
SM_V9_1 iris    CDS     40171820        40171822        .       +
        0       Parent=Smp_347110.1
SM_V9_1 iris    CDS     40171854        40171923        .       +
        0       Parent=Smp_347110.1
SM_V9_1 iris    CDS     40171965        40172080        .       +
        2       Parent=Smp_347110.1
SM_V9_1 iris    CDS     40172116        40172826        .       +
        0       Parent=Smp_347110.1
SM_V9_1 Liftoff gene    40178832        40192077        .       -
        .       ID=Smp_093540;geneID=Smp_093540
SM_V9_1 Liftoff mRNA    40178832        40192077        .       -
        .
ID=Smp_093540.1;Parent=Smp_093540;geneID=Smp_093540;product=Activin
receptor
type-1;polypeptide_domain=InterPro:IPR000719,IPR003605,IPR008271,IPR
011009,IPR017441
Pfam:PF00069,PF08515;Ontology_term=GO:0004672,GO:0004675,GO:0005524,
GO:0006468,GO:0016020
SM_V9_1 Liftoff exon    40178832        40179373        .       -
        .       Parent=Smp_093540.1
SM_V9_1 Liftoff exon    40181519        40192077        .       -
        .       Parent=Smp_093540.1
SM_V9_1 Liftoff CDS     40178957        40179373        .       -
        0       Parent=Smp_093540.1
SM_V9_1 Liftoff CDS     40181519        40183063        .       -
        0       Parent=Smp_093540.1
SM_V9_1 Liftoff gene    40197861        40200347        .       +
        .       ID=Smp_173410;geneID=Smp_173410
SM_V9_1 Liftoff mRNA    40197861        40200347        .       +
        .
ID=Smp_173410.1;Parent=Smp_173410;geneID=Smp_173410;product=Mediator
of RNA polymerase II transcription subunit
30;polypeptide_domain=InterPro:IPR021019 Pfam:PF11315
SM_V9_1 Liftoff exon    40197861        40198823        .       +
        .       Parent=Smp_173410.1
SM_V9_1 Liftoff exon    40199984        40200347        .       +
        .       Parent=Smp_173410.1
SM_V9_1 Liftoff CDS     40198671        40198823        .       +
        0       Parent=Smp_173410.1
SM_V9_1 Liftoff CDS     40199984        40200235        .       +
        0       Parent=Smp_173410.1
SM_V9_1 iris    gene    40200622        40206953        .       -
        .
ID=Smp_173420;geneID=Smp_173420;gene_name=Smp_173420;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    40200622        40206953        .       -
        .
ID=Smp_173420.1;Parent=Smp_173420;geneID=Smp_173420;gene_name=Smp_17
3420;owner=irisadmin@local.host;orig_id=Smp_173420.1;date_last_modif
ied=2022-07-21;Name=Smp_173420.1;product=Leucine-rich repeat protein
1;date_creation=2022-07-21
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SM_V9_1 iris    exon    40200622        40200943        .       -
        .       Parent=Smp_173420.1;Name=6f067520-43b8-4de2-8ea1-
ecc0005ef311
SM_V9_1 iris    exon    40201584        40201818        .       -
        .       Parent=Smp_173420.1;Name=6f1530b5-082f-42ad-b351-
b484c7c9f2e7
SM_V9_1 iris    exon    40203943        40204324        .       -
        .       Parent=Smp_173420.1;Name=24b6eac0-424f-4445-be79-
eac2001b1958
SM_V9_1 iris    exon    40204358        40204462        .       -
        .       Parent=Smp_173420.1;Name=06fa235a-181c-4f02-
ab1d-5dce7e39129f
SM_V9_1 iris    exon    40206632        40206730        .       -
        .       Parent=Smp_173420.1;Name=746d91fe-98b4-4fcf-
a822-4ed2da46ea24
SM_V9_1 iris    exon    40206769        40206953        .       -
        .
Parent=Smp_173420.1;Name=b8f60618-8f74-4d31-936e-3cb6c4e63ee7
SM_V9_1 iris    CDS     40200703        40200943        .       -
        1       Parent=Smp_173420.1
SM_V9_1 iris    CDS     40201584        40201818        .       -
        2       Parent=Smp_173420.1
SM_V9_1 iris    CDS     40203943        40204324        .       -
        0       Parent=Smp_173420.1
SM_V9_1 iris    CDS     40204358        40204462        .       -
        0       Parent=Smp_173420.1
SM_V9_1 iris    CDS     40206632        40206730        .       -
        0       Parent=Smp_173420.1
SM_V9_1 iris    CDS     40206769        40206951        .       -
        0       Parent=Smp_173420.1
SM_V9_1 iris    gene    40220516        40238692        .       +
        .
ID=Smp_093580;geneID=Smp_093580;gene_name=Smp_093580;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    40220516        40238692        .       +
        .
ID=Smp_093580.1;Parent=Smp_093580;geneID=Smp_093580;gene_name=Smp_09
3580;owner=irisadmin@local.host;orig_id=Smp_093580.1;date_last_modif
ied=2022-08-02;Name=Smp_093580.1;product=Probable ATP-dependent RNA
helicase DHX35;date_creation=2022-07-28
SM_V9_1 iris    exon    40220516        40220783        .       +
        .       Parent=Smp_093580.1;Name=c9dfebb3-8ee5-4098-
a914-196604e87dc8
SM_V9_1 iris    exon    40221725        40221953        .       +
        .       Parent=Smp_093580.1;Name=50ce7c86-b0d3-4ec8-b882-
e51317e1250c
SM_V9_1 iris    exon    40223395        40223624        .       +
        .
Parent=Smp_093580.1;Name=f0624282-0680-4f83-8f79-93be6270e45a
SM_V9_1 iris    exon    40229146        40229372        .       +
        .
Parent=Smp_093580.1;Name=be660fc6-0ebf-4c11-8aa3-2686c6fdacec
SM_V9_1 iris    exon    40233006        40233403        .       +
        .       Parent=Smp_093580.1;Name=39ce30c5-654d-4c1f-849c-
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a4220822895c
SM_V9_1 iris    exon    40234376        40234741        .       +
        .       Parent=Smp_093580.1;Name=12fd2dfd-a56c-4521-be50-
bbaec07d2d07
SM_V9_1 iris    exon    40234882        40235208        .       +
        .       Parent=Smp_093580.1;Name=649ae268-6db1-41c2-87f1-
f9134f77e6a0
SM_V9_1 iris    exon    40238109        40238692        .       +
        .       Parent=Smp_093580.1;Name=a0eb2d29-f960-42e5-
baba-10a0f4876075
SM_V9_1 iris    CDS     40220572        40220783        .       +
        0       Parent=Smp_093580.1
SM_V9_1 iris    CDS     40221725        40221953        .       +
        1       Parent=Smp_093580.1
SM_V9_1 iris    CDS     40223395        40223624        .       +
        0       Parent=Smp_093580.1
SM_V9_1 iris    CDS     40229146        40229372        .       +
        1       Parent=Smp_093580.1
SM_V9_1 iris    CDS     40233006        40233403        .       +
        2       Parent=Smp_093580.1
SM_V9_1 iris    CDS     40234376        40234741        .       +
        0       Parent=Smp_093580.1
SM_V9_1 iris    CDS     40234882        40235208        .       +
        0       Parent=Smp_093580.1
SM_V9_1 iris    CDS     40238109        40238435        .       +
        0       Parent=Smp_093580.1
SM_V9_1 Liftoff gene    40249351        40252309        .       +
        .       ID=Smp_066820;geneID=Smp_066820
SM_V9_1 Liftoff mRNA    40249351        40252309        .       +
        .
ID=Smp_066820.1;Parent=Smp_066820;geneID=Smp_066820;product=Integrat
or complex subunit 6-
A;polypeptide_domain=InterPro:IPR002035,IPR029307
Pfam:PF13519,PF15300
SM_V9_1 Liftoff exon    40249351        40249548        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40249588        40249659        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40249692        40249850        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40249884        40249973        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40250010        40250435        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40250470        40250752        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40250785        40250873        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40250907        40251089        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40251118        40251598        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff exon    40251633        40251932        .       +
        .       Parent=Smp_066820.1
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SM_V9_1 Liftoff exon    40252003        40252309        .       +
        .       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40249438        40249548        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40249588        40249659        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40249692        40249850        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40249884        40249973        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40250010        40250435        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40250470        40250752        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40250785        40250873        .       +
        2       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40250907        40251089        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40251118        40251598        .       +
        0       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40251633        40251932        .       +
        2       Parent=Smp_066820.1
SM_V9_1 Liftoff CDS     40252003        40252247        .       +
        2       Parent=Smp_066820.1
SM_V9_1 Liftoff gene    40252312        40253547        .       +
        .       ID=Smp_066830;geneID=Smp_066830
SM_V9_1 Liftoff mRNA    40252312        40253547        .       +
        .
ID=Smp_066830.1;Parent=Smp_066830;geneID=Smp_066830;product=Protein
N-terminal asparagine
amidohydrolase;polypeptide_domain=InterPro:IPR026750
Pfam:PF14736;Ontology_term=GO:0008418
SM_V9_1 Liftoff exon    40252312        40253547        .       +
        .       Parent=Smp_066830.1
SM_V9_1 Liftoff CDS     40252544        40253539        .       +
        0       Parent=Smp_066830.1
SM_V9_1 iris    gene    40253642        40286927        .       -
        .
ID=Smp_158320;geneID=Smp_158320;gene_name=Smp_158320;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    40253642        40286927        .       -
        .
ID=Smp_158320.1;Parent=Smp_158320;geneID=Smp_158320;gene_name=Smp_15
8320;owner=irisadmin@local.host;orig_id=Smp_158320.1;date_last_modif
ied=2022-07-21;Name=Smp_158320.1;product=Glypican-6;date_creation=20
22-07-21
SM_V9_1 iris    exon    40253642        40254245        .       -
        .       Parent=Smp_158320.1;Name=ca3d80b0-8a98-49f6-9a94-
b2ad83d98f1d
SM_V9_1 iris    exon    40254843        40255152        .       -
        .
Parent=Smp_158320.1;Name=f5fca4d3-7f19-4ff1-8bc2-1cc9c1664266
SM_V9_1 iris    exon    40256760        40257563        .       -
        .
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Parent=Smp_158320.1;Name=9d6e1dec-972d-4e1a-9606-8ac857efe88d
SM_V9_1 iris    exon    40259087        40259381        .       -
        .       Parent=Smp_158320.1;Name=c262849d-1115-4fef-ae62-
c38856fce9f5
SM_V9_1 iris    exon    40265813        40265946        .       -
        .       Parent=Smp_158320.1;Name=95d42424-7618-4192-
ac34-6c81e48f0492
SM_V9_1 iris    exon    40274963        40275352        .       -
        .       Parent=Smp_158320.1;Name=c1c6f96f-1040-42ab-8dbe-
ae87a781c344
SM_V9_1 iris    exon    40276560        40276690        .       -
        .       Parent=Smp_158320.1;Name=f321232f-5b9b-4f96-b0b6-
e2087d1ce772
SM_V9_1 iris    exon    40279396        40279573        .       -
        .       Parent=Smp_158320.1;Name=b8de9701-
b08d-4bac-8dd4-0719b7a239b5
SM_V9_1 iris    exon    40281599        40282083        .       -
        .       Parent=Smp_158320.1;Name=fac00950-d31e-453e-9ec4-
d51ed4f565b4
SM_V9_1 iris    exon    40283736        40283894        .       -
        .       Parent=Smp_158320.1;Name=9609b423-6fda-4ede-
bebe-7d53353e5d6e
SM_V9_1 iris    exon    40283932        40284165        .       -
        .       Parent=Smp_158320.1;Name=634c5ff9-cbd2-40c2-
a7aa-1622680494ec
SM_V9_1 iris    exon    40286662        40286927        .       -
        .       Parent=Smp_158320.1;Name=11b4c4e0-5619-4ef8-990f-
f36d2391a900
SM_V9_1 iris    CDS     40253872        40254245        .       -
        2       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40254843        40255152        .       -
        0       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40256760        40257563        .       -
        0       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40259087        40259381        .       -
        1       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40265813        40265946        .       -
        0       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40274963        40275352        .       -
        0       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40276560        40276690        .       -
        2       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40279396        40279573        .       -
        0       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40281599        40282083        .       -
        2       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40283736        40283894        .       -
        2       Parent=Smp_158320.1
SM_V9_1 iris    CDS     40283932        40283983        .       -
        0       Parent=Smp_158320.1
SM_V9_1 Liftoff gene    40292691        40321661        .       +
        .
ID=Smp_158330;geneID=Smp_158330;previous_systematic_id=Smp_126150
SM_V9_1 Liftoff mRNA    40292691        40321661        .       +
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        .
ID=Smp_158330.1;Parent=Smp_158330;geneID=Smp_158330;product=Coiled-
coil domain-containing protein 170
SM_V9_1 Liftoff exon    40292691        40292747        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40296164        40296234        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40296286        40296430        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40302991        40303247        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40304373        40304544        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40305919        40306092        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40306713        40306900        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40307986        40308097        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40309890        40310090        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40312051        40312147        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40313663        40313994        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40316169        40316405        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40318149        40318419        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff exon    40321274        40321661        .       +
        .       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40292715        40292747        .       +
        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40296164        40296234        .       +
        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40296286        40296430        .       +
        1       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40302991        40303247        .       +
        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40304373        40304544        .       +
        1       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40305919        40306092        .       +
        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40306713        40306900        .       +
        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40307986        40308097        .       +
        1       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40309890        40310090        .       +
        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40312051        40312147        .       +
        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40313663        40313994        .       +
        2       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40316169        40316405        .       +
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        0       Parent=Smp_158330.1
SM_V9_1 Liftoff CDS     40318149        40318419        .       +
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SM_V9_1 Liftoff CDS     40321274        40321398        .       +
        2       Parent=Smp_158330.1
SM_V9_1 Liftoff gene    40324893        40390697        .       -
        .       ID=Smp_126140;geneID=Smp_126140
SM_V9_1 Liftoff mRNA    40324893        40390697        .       -
        .
ID=Smp_126140.1;Parent=Smp_126140;geneID=Smp_126140;product=Integrin
alpha-5;polypeptide_domain=InterPro:IPR000413,IPR013517,IPR013519,IP
R013649,IPR018184,IPR032695
Pfam:PF01839,PF08441;Ontology_term=GO:0007155,GO:0008305
SM_V9_1 Liftoff exon    40324893        40326838        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40334236        40334604        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40335460        40335738        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40340606        40341091        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40345281        40346090        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40348453        40348641        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40352219        40352684        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40358304        40358356        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40361692        40362041        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40363232        40363525        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff exon    40389965        40390697        .       -
        .       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40326401        40326838        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40334236        40334604        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40335460        40335738        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40340606        40341091        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40345281        40346090        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40348453        40348641        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40352219        40352684        .       -
        1       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40358304        40358356        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40361692        40362041        .       -
        2       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40363232        40363525        .       -
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        2       Parent=Smp_126140.1
SM_V9_1 Liftoff CDS     40389965        40390349        .       -
        0       Parent=Smp_126140.1
SM_V9_1 Liftoff gene    40434156        40441581        .       -
        .       ID=Smp_007380;geneID=Smp_007380
SM_V9_1 Liftoff mRNA    40434156        40441581        .       -
        .
ID=Smp_007380.1;Parent=Smp_007380;geneID=Smp_007380;product=UPF0428
protein CXorf56 homolog
SM_V9_1 Liftoff exon    40434156        40434596        .       -
        .       Parent=Smp_007380.1
SM_V9_1 Liftoff exon    40435423        40435803        .       -
        .       Parent=Smp_007380.1
SM_V9_1 Liftoff exon    40437658        40437905        .       -
        .       Parent=Smp_007380.1
SM_V9_1 Liftoff exon    40437908        40441581        .       -
        .       Parent=Smp_007380.1
SM_V9_1 Liftoff CDS     40434540        40434596        .       -
        0       Parent=Smp_007380.1
SM_V9_1 Liftoff CDS     40435423        40435803        .       -
        0       Parent=Smp_007380.1
SM_V9_1 Liftoff CDS     40437658        40437905        .       -
        2       Parent=Smp_007380.1
SM_V9_1 Liftoff CDS     40437908        40438007        .       -
        0       Parent=Smp_007380.1
SM_V9_1 Liftoff gene    40457445        40468191        .       +
        .       ID=Smp_114160;geneID=Smp_114160
SM_V9_1 Liftoff mRNA    40457445        40468191        .       +
        .
ID=Smp_114160.1;Parent=Smp_114160;geneID=Smp_114160;product=Mitochon
drial ribosome-associated GTPase
1;polypeptide_domain=InterPro:IPR006073,IPR023179,IPR027417
Pfam:PF01926;Ontology_term=GO:0005525
SM_V9_1 Liftoff exon    40457445        40458987        .       +
        .       Parent=Smp_114160.1
SM_V9_1 Liftoff exon    40465761        40465945        .       +
        .       Parent=Smp_114160.1
SM_V9_1 Liftoff exon    40466099        40466472        .       +
        .       Parent=Smp_114160.1
SM_V9_1 Liftoff exon    40467764        40468191        .       +
        .       Parent=Smp_114160.1
SM_V9_1 Liftoff CDS     40458721        40458987        .       +
        0       Parent=Smp_114160.1
SM_V9_1 Liftoff CDS     40465761        40465945        .       +
        0       Parent=Smp_114160.1
SM_V9_1 Liftoff CDS     40466099        40466472        .       +
        1       Parent=Smp_114160.1
SM_V9_1 Liftoff CDS     40467764        40468110        .       +
        2       Parent=Smp_114160.1
SM_V9_1 iris    gene    40468870        40477129        .       +
        .
ID=Smp_196480;geneID=Smp_196480;gene_name=Smp_196480;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    40468870        40477129        .       +
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        .
ID=Smp_196480.1;Parent=Smp_196480;geneID=Smp_196480;gene_name=Smp_19
6480;owner=irisadmin@local.host;orig_id=Smp_196480.1;date_last_modif
ied=2022-07-21;Name=Smp_196480.1;product=Small integral membrane
protein 15;date_creation=2022-07-21
SM_V9_1 iris    exon    40468870        40468993        .       +
        .       Parent=Smp_196480.1;Name=db3448fc-
c7f9-4695-8adc-828e4db23dc8
SM_V9_1 iris    exon    40472914        40473111        .       +
        .       Parent=Smp_196480.1;Name=1e06ab31-0d34-479a-
aab2-467a3f998064
SM_V9_1 iris    exon    40475725        40477129        .       +
        .       Parent=Smp_196480.1;Name=2f6b305b-4854-445d-986a-
ba4b1880887d
SM_V9_1 iris    CDS     40468877        40468993        .       +
        0       Parent=Smp_196480.1
SM_V9_1 iris    CDS     40472914        40473111        .       +
        0       Parent=Smp_196480.1
SM_V9_1 iris    gene    40478984        40489995        .       -
        .
ID=Smp_210440;geneID=Smp_210440;gene_name=Smp_210440;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    40478984        40489995        .       -
        .
ID=Smp_210440.1;Parent=Smp_210440;geneID=Smp_210440;gene_name=Smp_21
0440;owner=irisadmin@local.host;orig_id=Smp_210440.1;date_last_modif
ied=2022-07-21;Name=Smp_210440.1;product=Aldehyde dehydrogenase
family 9 member A1-A;date_creation=2022-07-21
SM_V9_1 iris    exon    40478984        40479404        .       -
        .       Parent=Smp_210440.1;Name=f7002cdc-124b-4584-
b8cf-64a58d8328b1
SM_V9_1 iris    exon    40480449        40480799        .       -
        .
Parent=Smp_210440.1;Name=7f8fd9fe-0e00-4294-8afe-3a80a9d1c7c3
SM_V9_1 iris    exon    40481843        40482041        .       -
        .       Parent=Smp_210440.1;Name=a26a8b7c-c8fc-45c1-8b9c-
c95f9cf01a01
SM_V9_1 iris    exon    40483718        40483928        .       -
        .       Parent=Smp_210440.1;Name=782f066e-3300-4f31-
bb70-743a9acaf445
SM_V9_1 iris    exon    40486347        40486416        .       -
        .
Parent=Smp_210440.1;Name=144d55a8-1ecc-41c0-8c3f-712121b8d4a7
SM_V9_1 iris    exon    40487675        40487868        .       -
        .       Parent=Smp_210440.1;Name=c7625872-
d599-4a37-82be-94955f39a0ba
SM_V9_1 iris    exon    40489627        40489995        .       -
        .       Parent=Smp_210440.1;Name=dda3a330-f62d-4fa1-bd01-
c73b176c47fa
SM_V9_1 iris    CDS     40479158        40479404        .       -
        1       Parent=Smp_210440.1
SM_V9_1 iris    CDS     40480449        40480799        .       -
        1       Parent=Smp_210440.1
SM_V9_1 iris    CDS     40481843        40482041        .       -
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        2       Parent=Smp_210440.1
SM_V9_1 iris    CDS     40483718        40483928        .       -
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SM_V9_1 iris    CDS     40486347        40486416        .       -
        1       Parent=Smp_210440.1
SM_V9_1 iris    CDS     40487675        40487868        .       -
        0       Parent=Smp_210440.1
SM_V9_1 iris    CDS     40489627        40489896        .       -
        0       Parent=Smp_210440.1
SM_V9_1 Liftoff gene    40494119        40506111        .       -
        .
ID=Smp_210450;geneID=Smp_210450;previous_systematic_id=Smp_126130
SM_V9_1 Liftoff mRNA    40494119        40506111        .       -
        .
ID=Smp_210450.1;Parent=Smp_210450;geneID=Smp_210450;product=28S
ribosomal protein S29,
mitochondrial;polypeptide_domain=InterPro:IPR019368 Pfam:PF10236
SM_V9_1 Liftoff exon    40494119        40494533        .       -
        .       Parent=Smp_210450.1
SM_V9_1 Liftoff exon    40498596        40498843        .       -
        .       Parent=Smp_210450.1
SM_V9_1 Liftoff exon    40500545        40500685        .       -
        .       Parent=Smp_210450.1
SM_V9_1 Liftoff exon    40504050        40506111        .       -
        .       Parent=Smp_210450.1
SM_V9_1 Liftoff CDS     40494314        40494533        .       -
        1       Parent=Smp_210450.1
SM_V9_1 Liftoff CDS     40498596        40498843        .       -
        0       Parent=Smp_210450.1
SM_V9_1 Liftoff CDS     40500545        40500685        .       -
        0       Parent=Smp_210450.1
SM_V9_1 Liftoff CDS     40504050        40504562        .       -
        0       Parent=Smp_210450.1
SM_V9_1 iris    gene    40513203        40551594        .       -
        .
ID=Smp_007330;geneID=Smp_007330;gene_name=Smp_007330;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    40513203        40551594        .       -
        .
ID=Smp_007330.1;Parent=Smp_007330;geneID=Smp_007330;gene_name=Smp_00
7330;owner=irisadmin@local.host;orig_id=Smp_007330.1;date_last_modif
ied=2022-08-02;Name=Smp_007330.1;product=Hypothetical
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    40513203        40514388        .       -
        .       Parent=Smp_007330.1;Name=37840cfb-8998-46bc-
bce9-02475744d048
SM_V9_1 iris    exon    40515623        40515777        .       -
        .       Parent=Smp_007330.1;Name=9ffe8599-
c74a-44e6-88d7-15e87c93f54b
SM_V9_1 iris    exon    40518992        40519077        .       -
        .
Parent=Smp_007330.1;Name=029011de-446d-46a1-8a41-833a17969fc7
SM_V9_1 iris    exon    40521294        40521494        .       -
        .       Parent=Smp_007330.1;Name=3d37117b-
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b276-4f89-9584-3b4ba9cd291c
SM_V9_1 iris    exon    40522638        40523077        .       -
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e049b089cbdc
SM_V9_1 iris    exon    40528595        40528851        .       -
        .       Parent=Smp_007330.1;Name=36f61133-be42-47fe-bc70-
eeea992f3397
SM_V9_1 iris    exon    40530495        40530922        .       -
        .       Parent=Smp_007330.1;Name=f8a3cf8c-1061-4e75-
b064-663fab887c8f
SM_V9_1 iris    exon    40532100        40532329        .       -
        .       Parent=Smp_007330.1;Name=3a0fddbd-c1b0-4e42-b27c-
c0db8cb4521f
SM_V9_1 iris    exon    40532912        40533505        .       -
        .       Parent=Smp_007330.1;Name=82da0f17-
c122-444b-9faf-59960a5a37a9
SM_V9_1 iris    exon    40534315        40534546        .       -
        .       Parent=Smp_007330.1;Name=fe5c72e9-4809-4abd-
bc9d-4158fa14f8f9
SM_V9_1 iris    exon    40547895        40547989        .       -
        .       Parent=Smp_007330.1;Name=6d9a43c5-4d7d-4d35-8cab-
b94fb0f9b921
SM_V9_1 iris    exon    40551366        40551489        .       -
        .       Parent=Smp_007330.1;Name=ba8da0a3-861d-4059-b780-
ad92104d34f5
SM_V9_1 iris    exon    40551525        40551594        .       -
        .
Parent=Smp_007330.1;Name=1405dd89-9de3-495a-802f-68baf35cecff
SM_V9_1 iris    CDS     40514120        40514388        .       -
        2       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40515623        40515777        .       -
        1       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40518992        40519077        .       -
        0       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40521294        40521494        .       -
        0       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40522638        40523077        .       -
        2       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40528595        40528851        .       -
        1       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40530495        40530922        .       -
        0       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40532100        40532329        .       -
        2       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40532912        40533505        .       -
        2       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40534315        40534546        .       -
        0       Parent=Smp_007330.1
SM_V9_1 iris    CDS     40547895        40547921        .       -
        0       Parent=Smp_007330.1
SM_V9_1 iris    gene    40561435        40584802        .       +
        .
ID=Smp_301430;geneID=Smp_301430;gene_name=Smp_301430;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
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SM_V9_1 iris    mRNA    40561435        40584802        .       +
       .
ID=Smp_301430.1;Parent=Smp_301430;geneID=Smp_301430;gene_name=Smp_30
1430;owner=irisadmin@local.host;orig_id=Smp_301430.1;date_last_modif
ied=2022-08-02;Name=Smp_301430.1;product=Putative phospholipase B-
like 2;date_creation=2022-07-28
SM_V9_1 iris    exon    40561435        40561765        .       +
       .       Parent=Smp_301430.1;Name=813e7a21-0ee9-4f34-8d00-
c1db8504650e
SM_V9_1 iris    exon    40561807        40561879        .       +
       .       Parent=Smp_301430.1;Name=73a9f541-dd04-4be8-
abbd-4fe5930a7f6c
SM_V9_1 iris    exon    40561914        40562041        .       +
       .       Parent=Smp_301430.1;Name=ada9bb25-3979-450d-b537-
bd550981b831
SM_V9_1 iris    exon    40565545        40565666        .       +
       .       Parent=Smp_301430.1;Name=144e021f-830d-40b6-
b099-24c18be102c2
SM_V9_1 iris    exon    40568564        40568688        .       +
       .       Parent=Smp_301430.1;Name=86f01f2a-b481-4f79-
aecc-921b9a6348d2
SM_V9_1 iris    exon    40571384        40571619        .       +
       .
Parent=Smp_301430.1;Name=e393d6e0-2dc3-47f1-87df-6adbbaea801b
SM_V9_1 iris    exon    40573159        40573253        .       +
       .       Parent=Smp_301430.1;Name=8bdd1f8c-478c-44e8-b4cc-
fe479e5f4eab
SM_V9_1 iris    exon    40575312        40575478        .       +
       .       Parent=Smp_301430.1;Name=2e59d2e4-6345-4e56-b437-
dbb6a0c27385
SM_V9_1 iris    exon    40576862        40576942        .       +
       .
Parent=Smp_301430.1;Name=87718ed4-7df9-4de1-9363-3a858e028da9
SM_V9_1 iris    exon    40578713        40578784        .       +
       .       Parent=Smp_301430.1;Name=14d6ac8f-cdbf-4f55-
a899-68bc9aedb978
SM_V9_1 iris    exon    40580185        40580337        .       +
       .       Parent=Smp_301430.1;Name=b2c95f3e-13bd-4b84-
b43f-8c6c4da8d2f2
SM_V9_1 iris    exon    40581021        40581207        .       +
       .       Parent=Smp_301430.1;Name=0aa7b8a1-
a534-44f5-882f-6aac51e0a3ed
SM_V9_1 iris    exon    40584496        40584802        .       +
       .       Parent=Smp_301430.1;Name=d346513f-1186-4588-85ab-
a6afcb0e1575
SM_V9_1 iris    CDS     40561585        40561765        .       +
       0       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40561807        40561879        .       +
       2       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40561914        40562041        .       +
       1       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40565545        40565666        .       +
       2       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40568564        40568688        .       +
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        0       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40571384        40571619        .       +
        1       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40573159        40573253        .       +
        2       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40575312        40575478        .       +
        0       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40576862        40576942        .       +
        1       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40578713        40578784        .       +
        1       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40580185        40580337        .       +
        1       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40581021        40581207        .       +
        1       Parent=Smp_301430.1
SM_V9_1 iris    CDS     40584496        40584693        .       +
        0       Parent=Smp_301430.1
SM_V9_1 Liftoff gene    40589535        40590131        .       -
        .       ID=Smp_007300;geneID=Smp_007300
SM_V9_1 Liftoff mRNA    40589535        40590131        .       -
        .
ID=Smp_007300.1;Parent=Smp_007300;geneID=Smp_007300;product=Coiled-
coil-helix-coiled-coil-helix domain-containing protein 2
SM_V9_1 Liftoff exon    40589535        40590022        .       -
        .       Parent=Smp_007300.1
SM_V9_1 Liftoff exon    40590069        40590131        .       -
        .       Parent=Smp_007300.1
SM_V9_1 Liftoff CDS     40589647        40590022        .       -
        1       Parent=Smp_007300.1
SM_V9_1 Liftoff CDS     40590069        40590079        .       -
        0       Parent=Smp_007300.1
SM_V9_1 iris    gene    40597815        40615092        .       +
        .
ID=Smp_007290;geneID=Smp_007290;gene_name=Smp_007290;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    40597815        40615092        .       +
        .
ID=Smp_007290.1;Parent=Smp_007290;geneID=Smp_007290;gene_name=Smp_00
7290;owner=irisadmin@local.host;orig_id=Smp_007290.2;date_last_modif
ied=2022-07-21;Name=Smp_007290.1;product=Carbohydrate
deacetylase;date_creation=2022-07-21
SM_V9_1 iris    exon    40597815        40598371        .       +
        .       Parent=Smp_007290.1;Name=9ff19f00-a09b-477d-
b881-8f3b6aeccc46
SM_V9_1 iris    exon    40601118        40601257        .       +
        .       Parent=Smp_007290.1;Name=72dd52b6-
e946-4c33-8a66-9f66e3333c6f
SM_V9_1 iris    exon    40601889        40601988        .       +
        .
Parent=Smp_007290.1;Name=2fec7e98-33a0-42d3-8351-08ae9a6409b4
SM_V9_1 iris    exon    40606519        40606620        .       +
        .
Parent=Smp_007290.1;Name=c2e00670-3eda-4e96-8a62-5709c05c360f
SM_V9_1 iris    exon    40612937        40613012        .       +
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        .       Parent=Smp_007290.1;Name=b22b1682-
a82a-4be1-892c-95c8db8ce620
SM_V9_1 iris    exon    40614231        40615092        .       +
        .       Parent=Smp_007290.1;Name=a4da495c-1795-4bba-
a0e0-0b288f64f43c
SM_V9_1 iris    CDS     40598023        40598371        .       +
        0       Parent=Smp_007290.1
SM_V9_1 iris    CDS     40601118        40601257        .       +
        2       Parent=Smp_007290.1
SM_V9_1 iris    CDS     40601889        40601988        .       +
        0       Parent=Smp_007290.1
SM_V9_1 iris    CDS     40606519        40606620        .       +
        2       Parent=Smp_007290.1
SM_V9_1 iris    CDS     40612937        40613012        .       +
        2       Parent=Smp_007290.1
SM_V9_1 iris    CDS     40614231        40614537        .       +
        1       Parent=Smp_007290.1
SM_V9_1 iris    gene    40637991        40659794        .       +
        .
ID=Smp_007270;geneID=Smp_007270;gene_name=Smp_007270;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    40637991        40659794        .       +
        .
ID=Smp_007270.1;Parent=Smp_007270;geneID=Smp_007270;gene_name=Smp_00
7270;owner=irisadmin@local.host;orig_id=Smp_007270.1;date_last_modif
ied=2022-07-21;Name=Smp_007270.1;product=Smoothelin-like protein
1;date_creation=2022-07-21
SM_V9_1 iris    exon    40637991        40638266        .       +
        .       Parent=Smp_007270.1;Name=bb39f628-fdec-4f1a-
bddb-5b67dbb5ada9
SM_V9_1 iris    exon    40648264        40648344        .       +
        .       Parent=Smp_007270.1;Name=0b02a766-00d5-458f-8405-
a59c38196e9a
SM_V9_1 iris    exon    40650609        40650693        .       +
        .       Parent=Smp_007270.1;Name=07028afb-4321-450a-
b2f0-9ed1ec7ba959
SM_V9_1 iris    exon    40653681        40653832        .       +
        .       Parent=Smp_007270.1;Name=9702c5b7-c86b-4057-
aa78-0f16dd57e50a
SM_V9_1 iris    exon    40659037        40659794        .       +
        .       Parent=Smp_007270.1;Name=7a682b1c-b778-4cb3-abf0-
ed44e86ddf25
SM_V9_1 iris    CDS     40648289        40648344        .       +
        0       Parent=Smp_007270.1
SM_V9_1 iris    CDS     40650609        40650693        .       +
        1       Parent=Smp_007270.1
SM_V9_1 iris    CDS     40653681        40653832        .       +
        0       Parent=Smp_007270.1
SM_V9_1 iris    CDS     40659037        40659232        .       +
        1       Parent=Smp_007270.1
SM_V9_1 Liftoff gene    40675215        40689439        .       +
        .       ID=Smp_007260;geneID=Smp_007260
SM_V9_1 Liftoff mRNA    40675215        40689439        .       +
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ID=Smp_007260.1;Parent=Smp_007260;geneID=Smp_007260;product=Calcium-
transporting ATPase sarcoplasmic/endoplasmic reticulum
type;polypeptide_domain=InterPro:IPR001757,IPR004014,IPR005782,IPR00
6068,IPR008250,IPR018303,IPR023214,IPR023298,IPR023299
Pfam:PF00122,PF00689,PF00690,PF00702;Ontology_term=GO:0000166,GO:000
5388,GO:0006816,GO:0016021
SM_V9_1 Liftoff exon    40675215        40675391        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40675425        40675525        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40675564        40675668        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40675703        40675841        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40676605        40676927        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40677047        40677456        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40678018        40678261        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40678332        40678445        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40678844        40679056        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40679534        40679869        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40681206        40681419        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40682259        40682554        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40683765        40683898        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40684884        40685001        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff exon    40688055        40689439        .       +
        .       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40675271        40675391        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40675425        40675525        .       +
        2       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40675564        40675668        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40675703        40675841        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40676605        40676927        .       +
        2       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40677047        40677456        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40678018        40678261        .       +
        1       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40678332        40678445        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40678844        40679056        .       +
        0       Parent=Smp_007260.1
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SM_V9_1 Liftoff CDS     40679534        40679869        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40681206        40681419        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40682259        40682554        .       +
        2       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40683765        40683898        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40684884        40685001        .       +
        1       Parent=Smp_007260.1
SM_V9_1 Liftoff CDS     40688055        40688255        .       +
        0       Parent=Smp_007260.1
SM_V9_1 Liftoff gene    40713905        40732849        .       +
        .       ID=Smp_126110;geneID=Smp_126110
SM_V9_1 Liftoff mRNA    40713905        40732849        .       +
        .
ID=Smp_126110.1;Parent=Smp_126110;geneID=Smp_126110;product=Katanin
p60 ATPase-containing subunit
A1;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR003960,IPR0154
15,IPR027417,IPR028596
Pfam:PF00004,PF09336;Ontology_term=GO:0005524,GO:0008017,GO:0008568,
GO:0051013
SM_V9_1 Liftoff exon    40713905        40715882        .       +
        .       Parent=Smp_126110.1
SM_V9_1 Liftoff exon    40716875        40717271        .       +
        .       Parent=Smp_126110.1
SM_V9_1 Liftoff exon    40718035        40718300        .       +
        .       Parent=Smp_126110.1
SM_V9_1 Liftoff exon    40718542        40718827        .       +
        .       Parent=Smp_126110.1
SM_V9_1 Liftoff exon    40725211        40725348        .       +
        .       Parent=Smp_126110.1
SM_V9_1 Liftoff exon    40729961        40730087        .       +
        .       Parent=Smp_126110.1
SM_V9_1 Liftoff exon    40732257        40732849        .       +
        .       Parent=Smp_126110.1
SM_V9_1 Liftoff CDS     40715721        40715882        .       +
        0       Parent=Smp_126110.1
SM_V9_1 Liftoff CDS     40716875        40717271        .       +
        0       Parent=Smp_126110.1
SM_V9_1 Liftoff CDS     40718035        40718300        .       +
        2       Parent=Smp_126110.1
SM_V9_1 Liftoff CDS     40718542        40718827        .       +
        0       Parent=Smp_126110.1
SM_V9_1 Liftoff CDS     40725211        40725348        .       +
        2       Parent=Smp_126110.1
SM_V9_1 Liftoff CDS     40729961        40730087        .       +
        2       Parent=Smp_126110.1
SM_V9_1 Liftoff CDS     40732257        40732455        .       +
        1       Parent=Smp_126110.1
SM_V9_1 iris    gene    40733936        40736563        .       -
        .
ID=Smp_318890;geneID=Smp_318890;gene_name=Smp_318890;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
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SM_V9_1 iris    mRNA    40733936        40736563        .       -
       .
ID=Smp_318890.1;Parent=Smp_318890;geneID=Smp_318890;gene_name=Smp_31
8890;owner=irisadmin@local.host;orig_id=Smp_318890.1;date_last_modif
ied=2022-08-02;Name=Smp_318890.1;product=Hypothetical
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    40733936        40734248        .       -
       .       Parent=Smp_318890.1;Name=3e1bbd95-3339-4252-
abaa-49342f6789c3
SM_V9_1 iris    exon    40736514        40736563        .       -
       .
Parent=Smp_318890.1;Name=baf823da-2a90-4d42-81fd-22fd9e0b8dd1
SM_V9_1 iris    CDS     40734055        40734248        .       -
       2       Parent=Smp_318890.1
SM_V9_1 iris    CDS     40736514        40736529        .       -
       0       Parent=Smp_318890.1
SM_V9_1 Liftoff gene    40745602        40745991        .       -
       .       ID=Smp_318900;geneID=Smp_318900
SM_V9_1 Liftoff mRNA    40745602        40745991        .       -
       .
ID=Smp_318900.1;Parent=Smp_318900;geneID=Smp_318900;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    40745602        40745991        .       -
       .       Parent=Smp_318900.1
SM_V9_1 Liftoff CDS     40745721        40745972        .       -
       0       Parent=Smp_318900.1
SM_V9_1 Liftoff gene    40757978        40760417        .       -
       .       ID=Smp_318920;geneID=Smp_318920
SM_V9_1 Liftoff mRNA    40757978        40760417        .       -
       .
ID=Smp_318920.1;Parent=Smp_318920;geneID=Smp_318920;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    40757978        40758277        .       -
       .       Parent=Smp_318920.1
SM_V9_1 Liftoff exon    40760365        40760417        .       -
       .       Parent=Smp_318920.1
SM_V9_1 Liftoff CDS     40758084        40758277        .       -
       2       Parent=Smp_318920.1
SM_V9_1 Liftoff CDS     40760365        40760380        .       -
       0       Parent=Smp_318920.1
SM_V9_1 iris    gene    40770870        40800951        .       -
       .
ID=Smp_196700;geneID=Smp_196700;gene_name=Smp_196700;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    40770870        40800951        .       -
       .
ID=Smp_196700.1;Parent=Smp_196700;geneID=Smp_196700;gene_name=Smp_19
6700;owner=irisadmin@local.host;orig_id=Smp_196700.1;date_last_modif
ied=2022-08-02;Name=Smp_196700.1;product=Bardet-Biedl syndrome 2
protein homolog;date_creation=2022-07-28
SM_V9_1 iris    exon    40770870        40773967        .       -
       .       Parent=Smp_196700.1;Name=346031dd-9ced-4895-9497-
a3849972ec3a
SM_V9_1 iris    exon    40776257        40776369        .       -
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        .       Parent=Smp_196700.1;Name=5cc6cdde-9dd3-4d83-bc19-
a9f349adf031
SM_V9_1 iris    exon    40777728        40777865        .       -
        .
Parent=Smp_196700.1;Name=3e52cb55-2f6b-4f78-9a3a-19ebe03a8995
SM_V9_1 iris    exon    40779350        40779550        .       -
        .       Parent=Smp_196700.1;Name=cd1776bf-110c-44bb-bd60-
f2e1a0a459a7
SM_V9_1 iris    exon    40781192        40781351        .       -
        .       Parent=Smp_196700.1;Name=cd061f38-
d772-45e3-9caf-1cd5c55af454
SM_V9_1 iris    exon    40783104        40783217        .       -
        .
Parent=Smp_196700.1;Name=3f77d3ee-3516-4d57-828a-7096d6f11e2c
SM_V9_1 iris    exon    40786114        40786177        .       -
        .       Parent=Smp_196700.1;Name=1d858bca-46f2-4a2b-
a68d-23e749fa9d12
SM_V9_1 iris    exon    40786987        40787065        .       -
        .       Parent=Smp_196700.1;Name=cff2b189-9144-4bd4-
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SM_V9_1 iris    exon    40788664        40788759        .       -
        .
Parent=Smp_196700.1;Name=e479d126-7d04-4211-91f6-632ee9bc6255
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        .       Parent=Smp_196700.1;Name=2ee06ff9-210b-4817-
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SM_V9_1 iris    exon    40791394        40791448        .       -
        .       Parent=Smp_196700.1;Name=d7d1c9cb-6b4b-42c0-
b756-90841a4fa510
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        .
Parent=Smp_196700.1;Name=0c4f284f-0f37-4401-98b5-301a64ff5a25
SM_V9_1 iris    exon    40795056        40795142        .       -
        .
Parent=Smp_196700.1;Name=8c6a40a6-85af-469d-889d-7697ad50c70b
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        .       Parent=Smp_196700.1;Name=679dd0e5-
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SM_V9_1 iris    exon    40796915        40797205        .       -
        .       Parent=Smp_196700.1;Name=6ee0edee-c55b-4a7c-
b4ec-04399043db2b
SM_V9_1 iris    exon    40797256        40797410        .       -
        .       Parent=Smp_196700.1;Name=7686f803-fdcb-4a28-9fc9-
c91958b8a648
SM_V9_1 iris    exon    40797469        40797532        .       -
        .       Parent=Smp_196700.1;Name=0d07303f-08cc-4bee-
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SM_V9_1 iris    exon    40799075        40799282        .       -
        .       Parent=Smp_196700.1;Name=58881b59-2152-4fab-
b1cd-1539c3a76646
SM_V9_1 iris    exon    40800894        40800951        .       -
        .       Parent=Smp_196700.1;Name=42dabdf8-cc42-4dc7-
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SM_V9_1 iris    CDS     40773778        40773967        .       -
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SM_V9_1 iris    CDS     40776257        40776369        .       -
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SM_V9_1 iris    CDS     40777728        40777865        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40779350        40779550        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40781192        40781351        .       -
        1       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40783104        40783217        .       -
        1       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40786114        40786177        .       -
        2       Parent=Smp_196700.1
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        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40788664        40788759        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40790712        40790800        .       -
        2       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40791394        40791448        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40793668        40793745        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40795056        40795142        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40795907        40796011        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40796915        40797205        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40797256        40797410        .       -
        2       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40797469        40797532        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    CDS     40799075        40799194        .       -
        0       Parent=Smp_196700.1
SM_V9_1 iris    gene    40814282        40847936        .       +
        .
ID=Smp_007210;geneID=Smp_007210;gene_name=Smp_007210;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    40814282        40847936        .       +
        .
ID=Smp_007210.1;Parent=Smp_007210;geneID=Smp_007210;gene_name=Smp_00
7210;owner=irisadmin@local.host;orig_id=Smp_007210.2;date_last_modif
ied=2022-07-21;Name=Smp_007210.1;product=Rab GTPase-activating
protein 1;date_creation=2022-07-21
SM_V9_1 iris    exon    40814282        40815422        .       +
        .       Parent=Smp_007210.1;Name=2536df24-4ec5-4270-aa0d-
bdcfa14fb077
SM_V9_1 iris    exon    40815698        40815908        .       +
        .       Parent=Smp_007210.1;Name=ffc4972d-0b96-4535-
b7ba-3eccf6d2a766
SM_V9_1 iris    exon    40816852        40816946        .       +
        .
Parent=Smp_007210.1;Name=ec2fd516-5ee0-4001-80bf-4715a258293f
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SM_V9_1 iris    exon    40818692        40818856        .       +
        .       Parent=Smp_007210.1;Name=4196a6a4-bb88-42b1-a96d-
cf4212040eb8
SM_V9_1 iris    exon    40820125        40820315        .       +
        .       Parent=Smp_007210.1;Name=ac1caeab-5187-471e-8d39-
b454123e8bf6
SM_V9_1 iris    exon    40821699        40821868        .       +
        .       Parent=Smp_007210.1;Name=84704f40-be01-4014-9737-
c7f04a61c840
SM_V9_1 iris    exon    40824696        40824813        .       +
        .       Parent=Smp_007210.1;Name=39823245-caba-4746-9924-
cf0bd3f13085
SM_V9_1 iris    exon    40827936        40828288        .       +
        .       Parent=Smp_007210.1;Name=1969836c-0dc3-4ced-a5d2-
e11530dfb9f1
SM_V9_1 iris    exon    40829101        40829283        .       +
        .       Parent=Smp_007210.1;Name=773ee823-a182-4832-
b33b-5992f9e125e8
SM_V9_1 iris    exon    40830472        40830597        .       +
        .       Parent=Smp_007210.1;Name=5ecda635-ee02-49e1-8196-
a9855ec764fc
SM_V9_1 iris    exon    40831527        40831670        .       +
        .       Parent=Smp_007210.1;Name=22dc32ad-
e989-4c49-9762-45f893e621c0
SM_V9_1 iris    exon    40833076        40833246        .       +
        .       Parent=Smp_007210.1;Name=dc42af0f-6e00-46db-
b330-727d90f0a3be
SM_V9_1 iris    exon    40839135        40839338        .       +
        .
Parent=Smp_007210.1;Name=616301fb-1346-4bf5-8ccb-08123b53e65b
SM_V9_1 iris    exon    40841999        40842103        .       +
        .
Parent=Smp_007210.1;Name=ee7c78dc-0a7e-4509-9910-0f341ee78895
SM_V9_1 iris    exon    40844871        40845236        .       +
        .       Parent=Smp_007210.1;Name=4327c80f-9afe-434f-9986-
d871fb38ac0a
SM_V9_1 iris    exon    40846259        40847936        .       +
        .       Parent=Smp_007210.1;Name=a1382153-df54-429b-
a008-148f8dc6d8ea
SM_V9_1 iris    CDS     40815211        40815422        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40815698        40815908        .       +
        1       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40816852        40816946        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40818692        40818856        .       +
        1       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40820125        40820315        .       +
        1       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40821699        40821868        .       +
        2       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40824696        40824813        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40827936        40828288        .       +
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        2       Parent=Smp_007210.1
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SM_V9_1 iris    CDS     40830472        40830597        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40831527        40831670        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40833076        40833246        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40839135        40839338        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40841999        40842103        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40844871        40845236        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    CDS     40846259        40846477        .       +
        0       Parent=Smp_007210.1
SM_V9_1 iris    gene    40858190        40868638        .       -
        .
ID=Smp_110280;geneID=Smp_110280;gene_name=Smp_110280;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    40858190        40862455        .       -
        .
ID=Smp_110280.2;Parent=Smp_110280;geneID=Smp_110280;gene_name=Smp_11
0280;owner=irisadmin@local.host;orig_id=Smp_110280.1;date_last_modif
ied=2022-08-02;Name=Smp_110280.2;product=Nucleolar and coiled-body
phosphoprotein 1;date_creation=2022-07-28
SM_V9_1 iris    exon    40858190        40859200        .       -
        .       Parent=Smp_110280.2;Name=308a7143-5a1f-4044-
b616-048791d9d044
SM_V9_1 iris    exon    40860715        40862455        .       -
        .
Parent=Smp_110280.2;Name=70ae83c0-9272-4286-8134-021283ffd963
SM_V9_1 iris    CDS     40859045        40859200        .       -
        0       Parent=Smp_110280.2
SM_V9_1 iris    CDS     40860715        40862373        .       -
        0       Parent=Smp_110280.2
SM_V9_1 iris    mRNA    40858190        40868638        .       -
        .
ID=Smp_110280.1;Parent=Smp_110280;geneID=Smp_110280;gene_name=Smp_11
0280;owner=irisadmin@local.host;orig_id=Smp_110280.2;date_last_modif
ied=2022-08-02;Name=Smp_110280.1;product=Nucleolar and coiled-body
phosphoprotein 1;date_creation=2022-07-28
SM_V9_1 iris    exon    40858190        40859200        .       -
        .       Parent=Smp_110280.1;Name=11ac3111-db19-47bd-
a424-38e5ba387f67
SM_V9_1 iris    exon    40860715        40861014        .       -
        .       Parent=Smp_110280.1;Name=17e5df8b-d5d8-4dc8-
a8a6-7563ee9aa683
SM_V9_1 iris    exon    40868359        40868638        .       -
        .       Parent=Smp_110280.1;Name=4b729711-dfa7-4a83-
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SM_V9_1 iris    CDS     40859045        40859200        .       -
        0       Parent=Smp_110280.1
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SM_V9_1 iris    CDS     40860715        40861014        .       -
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SM_V9_1 iris    CDS     40868359        40868541        .       -
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SM_V9_1 iris    gene    40891177        40893125        .       +
        .
ID=Smp_349900;geneID=Smp_349900;gene_name=Smp_349900;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    40891159        40893125        .       +
        .
ID=Smp_349900.1;Parent=Smp_349900;geneID=Smp_349900;gene_name=Smp_34
9900;owner=irisadmin@local.host;date_last_modified=2022-08-16;Name=S
mp_349900.1;date_creation=2022-08-16
SM_V9_1 iris    exon    40891159        40893125        .       +
        .       Parent=Smp_349900.1;Name=Smp_349900.1-CDS
SM_V9_1 iris    CDS     40891312        40892940        .       +
        0       Parent=Smp_349900.1
SM_V9_1 iris    gene    40896382        40905177        .       -
        .
ID=Smp_007190;geneID=Smp_007190;gene_name=Smp_007190;owner=irisadmin
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SM_V9_1 iris    mRNA    40896382        40905177        .       -
        .
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7190;owner=irisadmin@local.host;orig_id=Smp_007190.1;date_last_modif
ied=2022-08-02;Name=Smp_007190.1;product=Lariat debranching
enzyme;date_creation=2022-07-28
SM_V9_1 iris    exon    40896382        40897374        .       -
        .       Parent=Smp_007190.1;Name=841d259c-
fb8f-471f-8751-399ac5e7c225
SM_V9_1 iris    exon    40897837        40898222        .       -
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a49c-825af5a6f366
SM_V9_1 iris    exon    40899692        40900083        .       -
        .       Parent=Smp_007190.1;Name=fc257476-
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SM_V9_1 iris    exon    40903196        40903320        .       -
        .       Parent=Smp_007190.1;Name=4e6821c7-e8de-4779-9072-
d83579bd206c
SM_V9_1 iris    exon    40904922        40905177        .       -
        .       Parent=Smp_007190.1;Name=6f1d1859-
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SM_V9_1 iris    CDS     40896627        40897374        .       -
        1       Parent=Smp_007190.1
SM_V9_1 iris    CDS     40897837        40898222        .       -
        0       Parent=Smp_007190.1
SM_V9_1 iris    CDS     40899692        40900083        .       -
        2       Parent=Smp_007190.1
SM_V9_1 iris    CDS     40903196        40903320        .       -
        1       Parent=Smp_007190.1
SM_V9_1 iris    CDS     40904922        40905121        .       -
        0       Parent=Smp_007190.1
SM_V9_1 iris    gene    40909092        40928561        .       -
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ID=Smp_007180;geneID=Smp_007180;gene_name=Smp_007180;owner=irisadmin
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       .
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7180;owner=irisadmin@local.host;orig_id=Smp_007180.1;date_last_modif
ied=2022-08-02;Name=Smp_007180.1;product=Calcium homeostasis
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       .
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SM_V9_1 iris    exon    40909578        40909905        .       -
       .       Parent=Smp_007180.1;Name=9866a19e-d065-431d-
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SM_V9_1 iris    exon    40910863        40911084        .       -
       .       Parent=Smp_007180.1;Name=124d18ab-e930-46e1-
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SM_V9_1 iris    exon    40911264        40911826        .       -
       .       Parent=Smp_007180.1;Name=8d6f3e33-a35e-4dd0-a120-
db72d03d49cb
SM_V9_1 iris    exon    40912714        40913303        .       -
       .       Parent=Smp_007180.1;Name=c4346cdb-49b0-49b0-81aa-
e0b42ac5a455
SM_V9_1 iris    exon    40915302        40915671        .       -
       .       Parent=Smp_007180.1;Name=6d807109-
b590-4df2-876e-09e71f496dd6
SM_V9_1 iris    exon    40917682        40917873        .       -
       .       Parent=Smp_007180.1;Name=8b43b817-
d367-4082-94db-6c4b32ff9605
SM_V9_1 iris    exon    40920764        40920958        .       -
       .       Parent=Smp_007180.1;Name=2838f005-f4ce-478c-
a337-72d27b457a4e
SM_V9_1 iris    exon    40923098        40923328        .       -
       .       Parent=Smp_007180.1;Name=af59fcec-e81f-48ff-
a5d5-0a6054da5104
SM_V9_1 iris    exon    40924770        40925318        .       -
       .       Parent=Smp_007180.1;Name=78bd8aad-06f4-4582-b2f9-
bc09ee5cec35
SM_V9_1 iris    exon    40928519        40928561        .       -
       .
Parent=Smp_007180.1;Name=52bb70ef-0c82-44c6-8948-24d8501d1e8a
SM_V9_1 iris    CDS     40909219        40909380        .       -
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SM_V9_1 iris    CDS     40909578        40909905        .       -
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SM_V9_1 iris    CDS     40910863        40911084        .       -
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SM_V9_1 iris    CDS     40911264        40911826        .       -
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SM_V9_1 iris    CDS     40912714        40913303        .       -
       2       Parent=Smp_007180.1
SM_V9_1 iris    CDS     40915302        40915671        .       -
       0       Parent=Smp_007180.1
SM_V9_1 iris    CDS     40917682        40917873        .       -
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SM_V9_1 iris    CDS     40920764        40920958        .       -
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SM_V9_1 iris    CDS     40924770        40925288        .       -
        0       Parent=Smp_007180.1
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        .
ID=Smp_007180.2;Parent=Smp_007180;geneID=Smp_007180;gene_name=Smp_00
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SM_V9_1 iris    exon    40909094        40909380        .       -
        .       Parent=Smp_007180.2;Name=15462144-4dab-4662-
b892-4dd11ae18fc6
SM_V9_1 iris    exon    40909578        40909905        .       -
        .       Parent=Smp_007180.2;Name=93c7102b-2435-4052-be4b-
d346b3f2d002
SM_V9_1 iris    exon    40910863        40911084        .       -
        .       Parent=Smp_007180.2;Name=a55675c2-a4ff-43fc-
b803-3566fadea24d
SM_V9_1 iris    exon    40911264        40911826        .       -
        .       Parent=Smp_007180.2;Name=88edf00b-5e06-44e6-b0fb-
ba0a777bd2af
SM_V9_1 iris    exon    40912714        40913303        .       -
        .       Parent=Smp_007180.2;Name=07d5b04f-05c1-49d8-90ef-
deaccf512873
SM_V9_1 iris    exon    40915302        40915671        .       -
        .       Parent=Smp_007180.2;Name=be7521c8-8f9d-4951-a3ff-
ba5e5e30fa7b
SM_V9_1 iris    exon    40917682        40917873        .       -
        .
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SM_V9_1 iris    exon    40920764        40920958        .       -
        .       Parent=Smp_007180.2;Name=90f30d70-3a90-4326-
b4b6-13a80ee3f777
SM_V9_1 iris    exon    40923098        40923328        .       -
        .
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SM_V9_1 iris    exon    40924770        40925318        .       -
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SM_V9_1 iris    exon    40928124        40928561        .       -
        .       Parent=Smp_007180.2;Name=717b7b08-
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SM_V9_1 iris    CDS     40909219        40909380        .       -
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SM_V9_1 iris    CDS     40909578        40909905        .       -
        1       Parent=Smp_007180.2
SM_V9_1 iris    CDS     40910863        40911084        .       -
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SM_V9_1 iris    CDS     40911264        40911826        .       -
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SM_V9_1 iris    CDS     40912714        40913303        .       -
        2       Parent=Smp_007180.2
SM_V9_1 iris    CDS     40915302        40915671        .       -
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SM_V9_1 iris    CDS     40917682        40917873        .       -
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SM_V9_1 iris    CDS     40920764        40920958        .       -
        0       Parent=Smp_007180.2
SM_V9_1 iris    CDS     40923098        40923328        .       -
        0       Parent=Smp_007180.2
SM_V9_1 iris    CDS     40924770        40925318        .       -
        0       Parent=Smp_007180.2
SM_V9_1 iris    CDS     40928124        40928360        .       -
        0       Parent=Smp_007180.2
SM_V9_1 Liftoff gene    40943132        40962527        .       +
        .       ID=Smp_007170;geneID=Smp_007170
SM_V9_1 Liftoff mRNA    40943132        40962527        .       +
        .
ID=Smp_007170.1;Parent=Smp_007170;geneID=Smp_007170;product=Calcium-
binding protein 39-
like;polypeptide_domain=InterPro:IPR011989,IPR013878,IPR016024
Pfam:PF08569;Ontology_term=GO:0005488
SM_V9_1 Liftoff exon    40943132        40951424        .       +
        .       Parent=Smp_007170.1
SM_V9_1 Liftoff exon    40951460        40951714        .       +
        .       Parent=Smp_007170.1
SM_V9_1 Liftoff exon    40951753        40951908        .       +
        .       Parent=Smp_007170.1
SM_V9_1 Liftoff exon    40954769        40955026        .       +
        .       Parent=Smp_007170.1
SM_V9_1 Liftoff exon    40956916        40957059        .       +
        .       Parent=Smp_007170.1
SM_V9_1 Liftoff exon    40960877        40962527        .       +
        .       Parent=Smp_007170.1
SM_V9_1 Liftoff CDS     40951359        40951424        .       +
        0       Parent=Smp_007170.1
SM_V9_1 Liftoff CDS     40951460        40951714        .       +
        0       Parent=Smp_007170.1
SM_V9_1 Liftoff CDS     40951753        40951908        .       +
        0       Parent=Smp_007170.1
SM_V9_1 Liftoff CDS     40954769        40955026        .       +
        0       Parent=Smp_007170.1
SM_V9_1 Liftoff CDS     40956916        40957059        .       +
        0       Parent=Smp_007170.1
SM_V9_1 Liftoff CDS     40960877        40961077        .       +
        0       Parent=Smp_007170.1
SM_V9_1 iris    gene    40988996        41022211        .       +
        .
ID=Smp_126080;geneID=Smp_126080;gene_name=Smp_126080;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    40988996        41022211        .       +
        .
ID=Smp_126080.1;Parent=Smp_126080;geneID=Smp_126080;gene_name=Smp_12
6080;owner=irisadmin@local.host;orig_id=Smp_126080.1;date_last_modif
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ied=2022-08-02;Name=Smp_126080.1;product=Arrestin red cell isoform
2;date_creation=2022-07-28
SM_V9_1 iris    exon    40988996        40989066        .       +
        .
Parent=Smp_126080.1;Name=23f4ba04-601f-440b-8b62-374e437dae3f
SM_V9_1 iris    exon    40989125        40989200        .       +
        .
Parent=Smp_126080.1;Name=24e85a47-4896-4f18-8a3e-873137142df8
SM_V9_1 iris    exon    40989240        40989270        .       +
        .       Parent=Smp_126080.1;Name=95cf252e-ddc2-4a9e-92e6-
a73aee3a6afd
SM_V9_1 iris    exon    40989303        40989363        .       +
        .
Parent=Smp_126080.1;Name=8a049531-2b7b-4c07-93be-915c5c03093e
SM_V9_1 iris    exon    40992442        40992770        .       +
        .       Parent=Smp_126080.1;Name=63932a3b-0e95-4ffb-b22c-
a6f971e480bb
SM_V9_1 iris    exon    40993838        40993897        .       +
        .       Parent=Smp_126080.1;Name=d7a0d1be-4a75-42aa-bab1-
c4680c343944
SM_V9_1 iris    exon    40995572        40995639        .       +
        .       Parent=Smp_126080.1;Name=add0f0d0-f112-4f92-bd8d-
da23b9894d6c
SM_V9_1 iris    exon    40999368        40999503        .       +
        .       Parent=Smp_126080.1;Name=9a7a2c0f-34cd-402f-88c0-
fbe637122dfb
SM_V9_1 iris    exon    41005717        41005801        .       +
        .       Parent=Smp_126080.1;Name=f8b1f0d6-a897-42f0-ad04-
e34a3d8a1825
SM_V9_1 iris    exon    41007654        41007726        .       +
        .       Parent=Smp_126080.1;Name=cc5d7651-
d27a-49e7-8fde-4ac55212deae
SM_V9_1 iris    exon    41010607        41010753        .       +
        .       Parent=Smp_126080.1;Name=5a859f76-7ff9-476b-
a5ba-76d903329f50
SM_V9_1 iris    exon    41013900        41013989        .       +
        .       Parent=Smp_126080.1;Name=c849e782-73d1-4f76-
b714-1189751a06f7
SM_V9_1 iris    exon    41016312        41016659        .       +
        .
Parent=Smp_126080.1;Name=6649cfcc-3e69-4e31-96d5-79bc3078aa18
SM_V9_1 iris    exon    41020156        41022211        .       +
        .       Parent=Smp_126080.1;Name=a1c31590-7c3c-4292-
b80a-9d3abaed4c9d
SM_V9_1 iris    CDS     40989145        40989200        .       +
        0       Parent=Smp_126080.1
SM_V9_1 iris    CDS     40989240        40989270        .       +
        1       Parent=Smp_126080.1
SM_V9_1 iris    CDS     40989303        40989363        .       +
        0       Parent=Smp_126080.1
SM_V9_1 iris    CDS     40992442        40992770        .       +
        2       Parent=Smp_126080.1
SM_V9_1 iris    CDS     40993838        40993897        .       +
        0       Parent=Smp_126080.1
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SM_V9_1 iris    CDS     40995572        40995639        .       +
        0       Parent=Smp_126080.1
SM_V9_1 iris    CDS     40999368        40999503        .       +
        1       Parent=Smp_126080.1
SM_V9_1 iris    CDS     41005717        41005801        .       +
        0       Parent=Smp_126080.1
SM_V9_1 iris    CDS     41007654        41007726        .       +
        2       Parent=Smp_126080.1
SM_V9_1 iris    CDS     41010607        41010753        .       +
        1       Parent=Smp_126080.1
SM_V9_1 iris    CDS     41013900        41013989        .       +
        1       Parent=Smp_126080.1
SM_V9_1 iris    CDS     41016312        41016659        .       +
        1       Parent=Smp_126080.1
SM_V9_1 iris    CDS     41020156        41020354        .       +
        1       Parent=Smp_126080.1
SM_V9_1 iris    gene    41032806        41052632        .       -
        .
ID=Smp_126070;geneID=Smp_126070;gene_name=Smp_126070;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    41032806        41052632        .       -
        .
ID=Smp_126070.1;Parent=Smp_126070;geneID=Smp_126070;gene_name=Smp_12
6070;owner=irisadmin@local.host;orig_id=Smp_126070.1;date_last_modif
ied=2022-08-16;Name=Smp_126070.1;product=Elongation factor G,
mitochondrial;date_creation=2022-08-16
SM_V9_1 iris    exon    41032806        41033403        .       -
        .       Parent=Smp_126070.1;Name=224746eb-14fa-4fb0-8df7-
ec298704d16d
SM_V9_1 iris    exon    41038759        41039042        .       -
        .       Parent=Smp_126070.1;Name=f0de17bd-eb9a-4e18-
b5fd-29c6c87f01d5
SM_V9_1 iris    exon    41043280        41043384        .       -
        .       Parent=Smp_126070.1;Name=c01197d2-087a-49ca-
bc20-4b6e368d816c
SM_V9_1 iris    exon    41045823        41046062        .       -
        .
Parent=Smp_126070.1;Name=179a1032-8f10-47fc-8afb-7db39d1a95be
SM_V9_1 iris    exon    41048977        41049047        .       -
        .
Parent=Smp_126070.1;Name=71d5b54c-9183-4c21-971e-8ddf3348c53e
SM_V9_1 iris    exon    41049100        41049168        .       -
        .       Parent=Smp_126070.1;Name=fc1428cf-c6c4-4663-839c-
acfdf442f8fc
SM_V9_1 iris    exon    41049781        41049909        .       -
        .       Parent=Smp_126070.1;Name=c329d750-098a-4608-a960-
c98c2239d47a
SM_V9_1 iris    exon    41051378        41051504        .       -
        .       Parent=Smp_126070.1;Name=952d5624-16f5-4cf0-
af7a-9af259060abb
SM_V9_1 iris    exon    41052522        41052632        .       -
        .       Parent=Smp_126070.1;Name=8c50274d-1f2f-4dc6-90d1-
ddbf901eea19
SM_V9_1 iris    CDS     41033104        41033403        .       -
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        0       Parent=Smp_126070.1
SM_V9_1 iris    CDS     41038759        41039042        .       -
        2       Parent=Smp_126070.1
SM_V9_1 iris    CDS     41043280        41043384        .       -
        2       Parent=Smp_126070.1
SM_V9_1 iris    CDS     41045823        41046062        .       -
        2       Parent=Smp_126070.1
SM_V9_1 iris    CDS     41048977        41049047        .       -
        1       Parent=Smp_126070.1
SM_V9_1 iris    CDS     41049100        41049168        .       -
        1       Parent=Smp_126070.1
SM_V9_1 iris    CDS     41049781        41049909        .       -
        1       Parent=Smp_126070.1
SM_V9_1 iris    CDS     41051378        41051487        .       -
        0       Parent=Smp_126070.1
SM_V9_1 Liftoff gene    41070255        41115288        .       -
        .
ID=Smp_126050;geneID=Smp_126050;previous_systematic_id=Smp_126060
SM_V9_1 Liftoff mRNA    41070255        41115288        .       -
        .
ID=Smp_126050.1;Parent=Smp_126050;geneID=Smp_126050;product=Protocad
herin-11 Y-
linked;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_1 Liftoff exon    41070255        41071109        .       -
        .       Parent=Smp_126050.1
SM_V9_1 Liftoff exon    41072687        41073005        .       -
        .       Parent=Smp_126050.1
SM_V9_1 Liftoff exon    41075790        41076563        .       -
        .       Parent=Smp_126050.1
SM_V9_1 Liftoff exon    41078294        41078482        .       -
        .       Parent=Smp_126050.1
SM_V9_1 Liftoff exon    41082700        41082846        .       -
        .       Parent=Smp_126050.1
SM_V9_1 Liftoff exon    41085361        41085459        .       -
        .       Parent=Smp_126050.1
SM_V9_1 Liftoff exon    41112672        41115288        .       -
        .       Parent=Smp_126050.1
SM_V9_1 Liftoff CDS     41070553        41071109        .       -
        2       Parent=Smp_126050.1
SM_V9_1 Liftoff CDS     41072687        41073005        .       -
        0       Parent=Smp_126050.1
SM_V9_1 Liftoff CDS     41075790        41076563        .       -
        0       Parent=Smp_126050.1
SM_V9_1 Liftoff CDS     41078294        41078482        .       -
        0       Parent=Smp_126050.1
SM_V9_1 Liftoff CDS     41082700        41082846        .       -
        0       Parent=Smp_126050.1
SM_V9_1 Liftoff CDS     41085361        41085459        .       -
        0       Parent=Smp_126050.1
SM_V9_1 Liftoff CDS     41112672        41115188        .       -
        0       Parent=Smp_126050.1
SM_V9_1 Liftoff gene    41171912        41196696        .       +
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        .       ID=Smp_126030;geneID=Smp_126030
SM_V9_1 Liftoff mRNA    41171912        41196696        .       +
        .
ID=Smp_126030.1;Parent=Smp_126030;geneID=Smp_126030;product=Homeobox
protein
extradenticle;polypeptide_domain=InterPro:IPR001356,IPR005542,IPR009
057,IPR017970
Pfam:PF00046,PF03792;Ontology_term=GO:0003677,GO:0003700,GO:0005634,
GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    41171912        41184194        .       +
        .       Parent=Smp_126030.1
SM_V9_1 Liftoff exon    41186555        41186628        .       +
        .       Parent=Smp_126030.1
SM_V9_1 Liftoff exon    41187261        41187523        .       +
        .       Parent=Smp_126030.1
SM_V9_1 Liftoff exon    41189567        41189757        .       +
        .       Parent=Smp_126030.1
SM_V9_1 Liftoff exon    41190376        41190511        .       +
        .       Parent=Smp_126030.1
SM_V9_1 Liftoff exon    41191823        41191978        .       +
        .       Parent=Smp_126030.1
SM_V9_1 Liftoff exon    41193083        41196696        .       +
        .       Parent=Smp_126030.1
SM_V9_1 Liftoff CDS     41183971        41184194        .       +
        0       Parent=Smp_126030.1
SM_V9_1 Liftoff CDS     41186555        41186628        .       +
        1       Parent=Smp_126030.1
SM_V9_1 Liftoff CDS     41187261        41187523        .       +
        2       Parent=Smp_126030.1
SM_V9_1 Liftoff CDS     41189567        41189757        .       +
        0       Parent=Smp_126030.1
SM_V9_1 Liftoff CDS     41190376        41190511        .       +
        1       Parent=Smp_126030.1
SM_V9_1 Liftoff CDS     41191823        41191978        .       +
        0       Parent=Smp_126030.1
SM_V9_1 Liftoff CDS     41193083        41193259        .       +
        0       Parent=Smp_126030.1
SM_V9_1 iris    gene    41209152        41226360        .       +
        .
ID=Smp_126020;geneID=Smp_126020;gene_name=Smp_126020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41209152        41226360        .       +
        .
ID=Smp_126020.1;Parent=Smp_126020;geneID=Smp_126020;gene_name=Smp_12
6020;owner=irisadmin@local.host;orig_id=Smp_126020.1;date_last_modif
ied=2022-08-02;Name=Smp_126020.1;product=Fumarate hydratase class I,
aerobic;date_creation=2022-07-28
SM_V9_1 iris    exon    41209152        41209400        .       +
        .       Parent=Smp_126020.1;Name=f2c14e7d-f134-4dff-b49a-
adf78c39890c
SM_V9_1 iris    exon    41209440        41209567        .       +
        .       Parent=Smp_126020.1;Name=2e6d0ff3-
d952-4f03-95d3-0d49e2522dad
SM_V9_1 iris    exon    41209606        41209845        .       +
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        .
Parent=Smp_126020.1;Name=75778b25-5ca7-431b-9f53-18fd145873b5
SM_V9_1 iris    exon    41210834        41211040        .       +
        .       Parent=Smp_126020.1;Name=4eabdd51-2356-495f-8eff-
acc941537f7c
SM_V9_1 iris    exon    41211074        41211200        .       +
        .
Parent=Smp_126020.1;Name=63bc8c99-96d3-42b9-9a18-136be53c1056
SM_V9_1 iris    exon    41215210        41215400        .       +
        .       Parent=Smp_126020.1;Name=db1324c4-dd84-481d-87d7-
b1443dc4b5da
SM_V9_1 iris    exon    41220595        41220828        .       +
        .       Parent=Smp_126020.1;Name=0e59b99e-
c8d9-4e75-8513-2d7afd35f024
SM_V9_1 iris    exon    41222634        41222837        .       +
        .       Parent=Smp_126020.1;Name=842b46d1-2afa-4852-
bf01-23b1800aebba
SM_V9_1 iris    exon    41223849        41223966        .       +
        .       Parent=Smp_126020.1;Name=4e075aa9-
ac2b-4611-85a0-76888edc2d9b
SM_V9_1 iris    exon    41225941        41226360        .       +
        .       Parent=Smp_126020.1;Name=4f17ef30-edbb-4378-
baf0-379ed441a031
SM_V9_1 iris    CDS     41209238        41209400        .       +
        0       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41209440        41209567        .       +
        2       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41209606        41209845        .       +
        0       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41210834        41211040        .       +
        0       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41211074        41211200        .       +
        0       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41215210        41215400        .       +
        2       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41220595        41220828        .       +
        0       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41222634        41222837        .       +
        0       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41223849        41223966        .       +
        0       Parent=Smp_126020.1
SM_V9_1 iris    CDS     41225941        41226041        .       +
        2       Parent=Smp_126020.1
SM_V9_1 iris    gene    41267596        41302370        .       +
        .
ID=Smp_007070;geneID=Smp_007070;gene_name=Smp_007070;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41267596        41302370        .       +
        .
ID=Smp_007070.1;Parent=Smp_007070;geneID=Smp_007070;gene_name=Smp_00
7070;owner=irisadmin@local.host;orig_id=Smp_007070.1;date_last_modif
ied=2022-08-02;Name=Smp_007070.1;product=Neuropeptide F
receptor;date_creation=2022-07-28
SM_V9_1 iris    exon    41267596        41268365        .       +
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        .       Parent=Smp_007070.1;Name=9399d7bb-15e8-4002-
b48e-597edd6163c3
SM_V9_1 iris    exon    41300896        41302370        .       +
        .       Parent=Smp_007070.1;Name=e123f4f2-60cb-4c56-
adf1-0f482949e760
SM_V9_1 iris    CDS     41267811        41268365        .       +
        0       Parent=Smp_007070.1
SM_V9_1 iris    CDS     41300896        41301987        .       +
        0       Parent=Smp_007070.1
SM_V9_1 iris    gene    41305673        41418823        .       -
        .
ID=Smp_126000;geneID=Smp_126000;gene_name=Smp_126000;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41305673        41418823        .       -
        .
ID=Smp_126000.1;Parent=Smp_126000;geneID=Smp_126000;gene_name=Smp_12
6000;owner=irisadmin@local.host;orig_id=Smp_126000.1;date_last_modif
ied=2022-08-02;Name=Smp_126000.1;product=Cilia- and flagella-
associated protein 54;date_creation=2022-07-28
SM_V9_1 iris    exon    41305673        41305888        .       -
        .
Parent=Smp_126000.1;Name=d30b468f-3b28-4362-8283-00c5f8a73651
SM_V9_1 iris    exon    41306662        41306793        .       -
        .       Parent=Smp_126000.1;Name=b566e50f-908f-4a5f-
bd24-643d144156d1
SM_V9_1 iris    exon    41307719        41307953        .       -
        .       Parent=Smp_126000.1;Name=6d7eaafb-f024-4e82-8e96-
ff3594d99d17
SM_V9_1 iris    exon    41308950        41309385        .       -
        .
Parent=Smp_126000.1;Name=b931283e-2b80-4e18-961a-5878ecd77417
SM_V9_1 iris    exon    41311466        41311780        .       -
        .       Parent=Smp_126000.1;Name=e66b3f53-575c-4fe3-
ba04-80541cf281a9
SM_V9_1 iris    exon    41313819        41314194        .       -
        .       Parent=Smp_126000.1;Name=aaefc6b6-07a2-4fc5-
bcf1-0c6de2407ab7
SM_V9_1 iris    exon    41317100        41317208        .       -
        .
Parent=Smp_126000.1;Name=c4ce85fb-6227-47f9-9984-8a683a817fa2
SM_V9_1 iris    exon    41318443        41318551        .       -
        .       Parent=Smp_126000.1;Name=bc6f3eba-b034-4d27-
b72e-5c9a04012957
SM_V9_1 iris    exon    41323355        41323491        .       -
        .
Parent=Smp_126000.1;Name=65b16865-4722-42f6-830d-147c29f1fc9b
SM_V9_1 iris    exon    41327853        41328064        .       -
        .       Parent=Smp_126000.1;Name=346e5794-accd-40a8-a749-
b2f1d582a109
SM_V9_1 iris    exon    41329476        41329661        .       -
        .       Parent=Smp_126000.1;Name=ea14af63-86e6-4084-
a01e-8908f01b1dee
SM_V9_1 iris    exon    41332140        41332315        .       -
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        .       Parent=Smp_126000.1;Name=f23a93be-ace0-4717-9a6e-
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SM_V9_1 iris    exon    41404550        41404793        .       -
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SM_V9_1 iris    exon    41409015        41409382        .       -
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SM_V9_1 iris    CDS     41307719        41307953        .       -
        1       Parent=Smp_126000.1
SM_V9_1 iris    CDS     41308950        41309385        .       -
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SM_V9_1 iris    CDS     41311466        41311780        .       -
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SM_V9_1 iris    CDS     41313819        41314194        .       -
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SM_V9_1 iris    CDS     41317100        41317208        .       -
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SM_V9_1 iris    CDS     41318443        41318551        .       -
        2       Parent=Smp_126000.1
SM_V9_1 iris    CDS     41323355        41323491        .       -
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SM_V9_1 iris    CDS     41332140        41332315        .       -
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SM_V9_1 iris    CDS     41336012        41336164        .       -
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SM_V9_1 iris    CDS     41338690        41338842        .       -
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SM_V9_1 iris    CDS     41343816        41343962        .       -
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SM_V9_1 iris    CDS     41346560        41346633        .       -
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SM_V9_1 iris    CDS     41357907        41358098        .       -
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SM_V9_1 iris    CDS     41359398        41359589        .       -
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SM_V9_1 iris    CDS     41359639        41359726        .       -
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SM_V9_1 iris    CDS     41359781        41359919        .       -
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SM_V9_1 iris    CDS     41370654        41370832        .       -
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SM_V9_1 iris    CDS     41374114        41374595        .       -
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SM_V9_1 iris    CDS     41376845        41376979        .       -
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SM_V9_1 iris    CDS     41385843        41386021        .       -
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SM_V9_1 iris    CDS     41388638        41388723        .       -
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SM_V9_1 iris    CDS     41393496        41393669        .       -
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SM_V9_1 iris    CDS     41395162        41395369        .       -
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SM_V9_1 iris    CDS     41396060        41396215        .       -
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SM_V9_1 iris    CDS     41397361        41397508        .       -
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SM_V9_1 iris    CDS     41398889        41399086        .       -
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SM_V9_1 iris    CDS     41400758        41400985        .       -
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SM_V9_1 iris    CDS     41401700        41401878        .       -
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SM_V9_1 iris    CDS     41402636        41402726        .       -
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SM_V9_1 iris    CDS     41403215        41403345        .       -
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SM_V9_1 iris    CDS     41404550        41404793        .       -
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SM_V9_1 iris    CDS     41418694        41418752        .       -
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SM_V9_1 iris    mRNA    41384148        41384811        .       +
        .
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polyprotein;date_creation=2022-07-28
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        .       Parent=Smp_193150.1;Name=83467bdc-ae0c-4384-9e74-
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protein 25;date_creation=2022-08-29
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        .       Parent=Smp_125980.1;Name=59118c26-
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        .       Parent=Smp_125980.1;Name=3cdef2a2-d5cb-4ba5-b00a-
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        .       Parent=Smp_125980.1;Name=7e58c1dc-e9d2-45b8-88cd-
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        .       Parent=Smp_125980.1;Name=b1980ae0-777a-4680-ba80-
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        .       Parent=Smp_125980.1;Name=32ad1757-11e5-49cd-a4f3-
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        .       Parent=Smp_125980.1;Name=4c83638a-6ef9-459f-a7d4-
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        0       Parent=Smp_125980.1
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        2       Parent=Smp_125980.1
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ransferase 6
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        .       ID=Smp_173610;geneID=Smp_173610
SM_V9_1 Liftoff mRNA    41469446        41477129        .       +
        .
ID=Smp_173610.1;Parent=Smp_173610;geneID=Smp_173610;product=Transmem
brane protein 174
SM_V9_1 Liftoff exon    41469446        41469654        .       +
```

```
        .       Parent=Smp_173610.1
SM_V9_1 Liftoff exon    41476221        41477129        .       +
        .       Parent=Smp_173610.1
SM_V9_1 Liftoff CDS     41469631        41469654        .       +
        0       Parent=Smp_173610.1
SM_V9_1 Liftoff CDS     41476221        41476358        .       +
        0       Parent=Smp_173610.1
SM_V9_1 iris    gene    41487467        41495388        .       -
        .
ID=Smp_093950;geneID=Smp_093950;gene_name=Smp_093950;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41487467        41495388        .       -
        .
ID=Smp_093950.1;Parent=Smp_093950;geneID=Smp_093950;gene_name=Smp_09
3950;owner=irisadmin@local.host;orig_id=Smp_093950.1;date_last_modif
ied=2022-08-02;Name=Smp_093950.1;product=OTU domain-containing
protein 5-A;date_creation=2022-07-28
SM_V9_1 iris    exon    41487467        41489077        .       -
        .       Parent=Smp_093950.1;Name=c5f9286c-3d08-4f34-
b4f3-455d21d4fe44
SM_V9_1 iris    exon    41491457        41491706        .       -
        .       Parent=Smp_093950.1;Name=5ed03166-bb7e-4c2e-
afc4-483fad1c9a37
SM_V9_1 iris    exon    41493874        41494050        .       -
        .       Parent=Smp_093950.1;Name=503c3233-
d185-4dca-8757-9a1aadd70916
SM_V9_1 iris    exon    41494085        41494387        .       -
        .       Parent=Smp_093950.1;Name=f9886720-2cc9-4c6d-b56b-
cf8c030ad7c3
SM_V9_1 iris    exon    41494427        41494491        .       -
        .       Parent=Smp_093950.1;Name=c67b8167-5939-4092-
a796-3708534d4e6b
SM_V9_1 iris    exon    41494525        41494621        .       -
        .       Parent=Smp_093950.1;Name=ecf5415e-d6db-4102-
ac70-1265915d875a
SM_V9_1 iris    exon    41494658        41495305        .       -
        .       Parent=Smp_093950.1;Name=43a6e31c-35b5-4f1c-
b8a6-18f3ada8db11
SM_V9_1 iris    exon    41495349        41495388        .       -
        .       Parent=Smp_093950.1;Name=0d6e41d5-06ae-4d78-8058-
de0fed2c7c1d
SM_V9_1 iris    CDS     41488833        41489077        .       -
        2       Parent=Smp_093950.1
SM_V9_1 iris    CDS     41491457        41491706        .       -
        0       Parent=Smp_093950.1
SM_V9_1 iris    CDS     41493874        41494050        .       -
        0       Parent=Smp_093950.1
SM_V9_1 iris    CDS     41494085        41494387        .       -
        0       Parent=Smp_093950.1
SM_V9_1 iris    CDS     41494427        41494491        .       -
        2       Parent=Smp_093950.1
SM_V9_1 iris    CDS     41494525        41494621        .       -
        0       Parent=Smp_093950.1
SM_V9_1 iris    CDS     41494658        41495248        .       -
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        0       Parent=Smp_093950.1
SM_V9_1 Liftoff gene    41501608        41502182        .       +
        .       ID=Smp_318960;geneID=Smp_318960
SM_V9_1 Liftoff mRNA    41501608        41502182        .       +
        .
ID=Smp_318960.1;Parent=Smp_318960;geneID=Smp_318960;product=CDP-
diacylglycerol--serine O-phosphatidyltransferase 3
SM_V9_1 Liftoff exon    41501608        41502182        .       +
        .       Parent=Smp_318960.1
SM_V9_1 Liftoff CDS     41501653        41501949        .       +
        0       Parent=Smp_318960.1
SM_V9_1 iris    gene    41512768        41551852        .       +
        .
ID=Smp_173620;geneID=Smp_173620;gene_name=Smp_173620;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41512768        41551852        .       +
        .
ID=Smp_173620.1;Parent=Smp_173620;geneID=Smp_173620;gene_name=Smp_17
3620;owner=irisadmin@local.host;orig_id=Smp_173620.2;date_last_modif
ied=2022-08-02;Name=Smp_173620.1;product=Transmembrane protein
245;date_creation=2022-07-28
SM_V9_1 iris    exon    41512768        41513373        .       +
        .       Parent=Smp_173620.1;Name=90f83070-a3be-4e40-
a849-18e0bf150e0d
SM_V9_1 iris    exon    41513405        41513621        .       +
        .       Parent=Smp_173620.1;Name=abaa4785-afc4-4366-b331-
e45a74baabc2
SM_V9_1 iris    exon    41514441        41514651        .       +
        .       Parent=Smp_173620.1;Name=26ea8922-ac29-48d1-b56d-
c8405b43ef1e
SM_V9_1 iris    exon    41516591        41516722        .       +
        .       Parent=Smp_173620.1;Name=fe5661d2-3fef-49aa-
ab32-2eeed0147161
SM_V9_1 iris    exon    41517504        41517885        .       +
        .
Parent=Smp_173620.1;Name=cd9d7ebb-9d7d-4ab1-8373-9a366466e8c2
SM_V9_1 iris    exon    41520198        41520302        .       +
        .       Parent=Smp_173620.1;Name=cf4f6d14-af3f-435c-9b5c-
b43498a3fef0
SM_V9_1 iris    exon    41525638        41525714        .       +
        .
Parent=Smp_173620.1;Name=9b65c8d7-4349-4562-823c-123b8f1c6e5d
SM_V9_1 iris    exon    41528979        41529069        .       +
        .       Parent=Smp_173620.1;Name=c6e6e759-
e9bd-4320-9a4b-4819a997247e
SM_V9_1 iris    exon    41531429        41531527        .       +
        .       Parent=Smp_173620.1;Name=136de022-1742-440c-
a648-1246a98b4fc5
SM_V9_1 iris    exon    41532761        41532937        .       +
        .       Parent=Smp_173620.1;Name=e7b972c8-3a71-48a3-
b900-9f8fd20b1731
SM_V9_1 iris    exon    41533699        41533863        .       +
        .       Parent=Smp_173620.1;Name=3e945bc8-f6a4-4d37-
a456-94051521e163
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SM_V9_1 iris    exon    41535908        41536157        .       +
        .       Parent=Smp_173620.1;Name=17f8e34f-5801-48fb-
a65d-1d8b33899e69
SM_V9_1 iris    exon    41540258        41540432        .       +
        .       Parent=Smp_173620.1;Name=73bc32a3-6adb-4333-
a359-1a24586469a7
SM_V9_1 iris    exon    41545368        41545738        .       +
        .       Parent=Smp_173620.1;Name=dd4ff293-
a5ba-4dd6-9d32-6c9bb0b85a89
SM_V9_1 iris    exon    41546630        41546691        .       +
        .       Parent=Smp_173620.1;Name=6cc3d17f-
e1b5-4277-953d-1472cfca3dcb
SM_V9_1 iris    exon    41550972        41551852        .       +
        .       Parent=Smp_173620.1;Name=038ef292-11ee-436b-
aa09-6af57bbab0d2
SM_V9_1 iris    CDS     41512861        41513373        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41513405        41513621        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41514441        41514651        .       +
        2       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41516591        41516722        .       +
        1       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41517504        41517885        .       +
        1       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41520198        41520302        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41525638        41525714        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41528979        41529069        .       +
        1       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41531429        41531527        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41532761        41532937        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41533699        41533863        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41535908        41536157        .       +
        0       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41540258        41540432        .       +
        2       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41545368        41545738        .       +
        1       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41546630        41546691        .       +
        2       Parent=Smp_173620.1
SM_V9_1 iris    CDS     41550972        41551043        .       +
        0       Parent=Smp_173620.1
SM_V9_1 Liftoff gene    41560792        41564824        .       -
        .       ID=Smp_093980;geneID=Smp_093980
SM_V9_1 Liftoff mRNA    41560792        41564824        .       -
        .
ID=Smp_093980.1;Parent=Smp_093980;geneID=Smp_093980;product=1-
aminocyclopropane-1-carboxylate synthase-like protein 1
SM_V9_1 Liftoff exon    41560792        41561058        .       -
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        .       Parent=Smp_093980.1
SM_V9_1 Liftoff exon    41562395        41562709        .       -
        .       Parent=Smp_093980.1
SM_V9_1 Liftoff exon    41564288        41564824        .       -
        .       Parent=Smp_093980.1
SM_V9_1 Liftoff CDS     41560909        41561058        .       -
        0       Parent=Smp_093980.1
SM_V9_1 Liftoff CDS     41562395        41562709        .       -
        0       Parent=Smp_093980.1
SM_V9_1 Liftoff CDS     41564288        41564575        .       -
        0       Parent=Smp_093980.1
SM_V9_1 iris    gene    41569768        41589022        .       +
        .
ID=Smp_246820;geneID=Smp_246820;gene_name=Smp_246820;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    41569768        41589022        .       +
        .
ID=Smp_246820.2;Parent=Smp_246820;geneID=Smp_246820;gene_name=Smp_24
6820;owner=irisadmin@local.host;orig_id=Smp_246820.1;date_last_modif
ied=2022-08-02;Name=Smp_246820.2;date_creation=2022-08-02
SM_V9_1 iris    exon    41569768        41569816        .       +
        .
Parent=Smp_246820.2;Name=13a5f7b3-41b5-49e1-85fc-2ee9bd851d1e
SM_V9_1 iris    exon    41573539        41573682        .       +
        .       Parent=Smp_246820.2;Name=1f714289-b499-4962-
a4bd-2360599e3f99
SM_V9_1 iris    exon    41586537        41586851        .       +
        .       Parent=Smp_246820.2;Name=8deb5728-
a935-4426-8285-662bce3b97d6
SM_V9_1 iris    exon    41587061        41587369        .       +
        .       Parent=Smp_246820.2;Name=fd15b827-ede8-4b22-8b82-
f5478d2150b8
SM_V9_1 iris    exon    41588349        41589022        .       +
        .       Parent=Smp_246820.2;Name=5fbd64dc-4f43-4a0f-
a71b-04187f9b6255
SM_V9_1 iris    CDS     41586540        41586851        .       +
        0       Parent=Smp_246820.2
SM_V9_1 iris    CDS     41587061        41587369        .       +
        0       Parent=Smp_246820.2
SM_V9_1 iris    CDS     41588349        41588507        .       +
        0       Parent=Smp_246820.2
SM_V9_1 iris    mRNA    41586424        41589022        .       +
        .
ID=Smp_246820.1;Parent=Smp_246820;geneID=Smp_246820;gene_name=Smp_24
6820;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_246820.1;product=Sugar transporter
SWEET1;date_creation=2022-08-02
SM_V9_1 iris    exon    41586424        41586486        .       +
        .       Parent=Smp_246820.1;Name=c08d51f4-329c-458d-b87b-
df882260107b
SM_V9_1 iris    exon    41586537        41586851        .       +
        .       Parent=Smp_246820.1;Name=286b4ea0-50b2-41a3-9a93-
c52e7b1562e3
SM_V9_1 iris    exon    41587061        41587369        .       +
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        .       Parent=Smp_246820.1;Name=3035204a-dfda-47a6-
a51b-9ba2fa591a53
SM_V9_1 iris    exon    41588349        41589022        .       +
        .       Parent=Smp_246820.1;Name=76fa2b11-95ea-4e26-bcc8-
ca3d8edf3392
SM_V9_1 iris    CDS     41586537        41586851        .       +
        0       Parent=Smp_246820.1
SM_V9_1 iris    CDS     41587061        41587369        .       +
        0       Parent=Smp_246820.1
SM_V9_1 iris    CDS     41588349        41588507        .       +
        0       Parent=Smp_246820.1
SM_V9_1 Liftoff gene    41602434        41604932        .       +
        .
ID=Smp_347850;geneID=Smp_347850;previous_systematic_id=Smp_173630,Sm
p_246830
SM_V9_1 Liftoff mRNA    41602434        41604932        .       +
        .
ID=Smp_347850.1;Parent=Smp_347850;geneID=Smp_347850;product=T-
complex protein 1 subunit alpha
SM_V9_1 Liftoff exon    41602434        41602775        .       +
        .       Parent=Smp_347850.1
SM_V9_1 Liftoff exon    41602915        41603211        .       +
        .       Parent=Smp_347850.1
SM_V9_1 Liftoff exon    41604147        41604932        .       +
        .       Parent=Smp_347850.1
SM_V9_1 Liftoff CDS     41602530        41602775        .       +
        0       Parent=Smp_347850.1
SM_V9_1 Liftoff CDS     41602915        41603211        .       +
        0       Parent=Smp_347850.1
SM_V9_1 Liftoff CDS     41604147        41604293        .       +
        0       Parent=Smp_347850.1
SM_V9_1 iris    gene    41613071        41627138        .       +
        .
ID=Smp_173640;geneID=Smp_173640;gene_name=Smp_173640;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41613071        41627138        .       +
        .
ID=Smp_173640.1;Parent=Smp_173640;geneID=Smp_173640;gene_name=Smp_17
3640;owner=irisadmin@local.host;orig_id=Smp_173640.1;date_last_modif
ied=2022-11-12;Name=Smp_173640.1;product=Regulator of microtubule
dynamics protein 2;date_creation=2022-07-28
SM_V9_1 iris    exon    41613071        41613100        .       +
        .
Parent=Smp_173640.1;Name=e26a7397-31b9-4765-92d6-65d8717f37e0
SM_V9_1 iris    exon    41617042        41617361        .       +
        .
Parent=Smp_173640.1;Name=d999ccbb-2561-485b-81bd-083ff8c85553
SM_V9_1 iris    exon    41621777        41621868        .       +
        .       Parent=Smp_173640.1;Name=73ef965c-ba50-4bb0-
a4e7-7f444beaa89a
SM_V9_1 iris    exon    41622701        41622974        .       +
        .
Parent=Smp_173640.1;Name=df72e9f9-141b-4d2f-8761-298acbc24c6c
SM_V9_1 iris    exon    41624316        41624660        .       +
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        .       Parent=Smp_173640.1;Name=586f321c-
f337-4736-8096-734325bcff2a
SM_V9_1 iris    exon    41625763        41625840        .       +
        .       Parent=Smp_173640.1;Name=004af985-
ec84-49b7-84f1-65e0a73ebb6e
SM_V9_1 iris    exon    41626577        41626675        .       +
        .       Parent=Smp_173640.1;Name=99109a2f-caa7-46ff-
ba4f-09ebaab0c254
SM_V9_1 iris    exon    41626764        41627138        .       +
        .
Parent=Smp_173640.1;Name=86b98d3f-487f-497c-9b2a-7fb65ee954ac
SM_V9_1 iris    CDS     41617047        41617361        .       +
        0       Parent=Smp_173640.1
SM_V9_1 iris    CDS     41621777        41621868        .       +
        0       Parent=Smp_173640.1
SM_V9_1 iris    CDS     41622701        41622974        .       +
        1       Parent=Smp_173640.1
SM_V9_1 iris    CDS     41624316        41624660        .       +
        0       Parent=Smp_173640.1
SM_V9_1 iris    CDS     41625763        41625840        .       +
        0       Parent=Smp_173640.1
SM_V9_1 iris    CDS     41626577        41626675        .       +
        0       Parent=Smp_173640.1
SM_V9_1 iris    CDS     41626764        41626976        .       +
        0       Parent=Smp_173640.1
SM_V9_1 Liftoff gene    41627020        41632544        .       -
        .       ID=Smp_094020;geneID=Smp_094020
SM_V9_1 Liftoff mRNA    41627020        41632544        .       -
        .
ID=Smp_094020.1;Parent=Smp_094020;geneID=Smp_094020;product=ATP-
dependent RNA helicase
DDX18;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR0
14001,IPR014014,IPR025313,IPR027417
Pfam:PF00270,PF00271,PF13959;Ontology_term=GO:0003676,GO:0005524
SM_V9_1 Liftoff exon    41627020        41627607        .       -
        .       Parent=Smp_094020.1
SM_V9_1 Liftoff exon    41630446        41630643        .       -
        .       Parent=Smp_094020.1
SM_V9_1 Liftoff exon    41631558        41632019        .       -
        .       Parent=Smp_094020.1
SM_V9_1 Liftoff exon    41632059        41632544        .       -
        .       Parent=Smp_094020.1
SM_V9_1 Liftoff CDS     41627113        41627607        .       -
        0       Parent=Smp_094020.1
SM_V9_1 Liftoff CDS     41630446        41630643        .       -
        0       Parent=Smp_094020.1
SM_V9_1 Liftoff CDS     41631558        41632019        .       -
        0       Parent=Smp_094020.1
SM_V9_1 Liftoff CDS     41632059        41632487        .       -
        0       Parent=Smp_094020.1
SM_V9_1 iris    gene    41707874        41730182        .       -
        .
ID=Smp_126730;geneID=Smp_126730;gene_name=Smp_126730;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
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SM_V9_1 iris    mRNA    41707874        41730182        .       -
        .
ID=Smp_126730.1;Parent=Smp_126730;geneID=Smp_126730;gene_name=Smp_12
6730;owner=irisadmin@local.host;orig_id=Smp_126730.1;date_last_modif
ied=2022-08-02;Name=Smp_126730.1;product=5-hydroxytryptamine
receptor 1A;date_creation=2022-07-28
SM_V9_1 iris    exon    41707874        41708759        .       -
        .       Parent=Smp_126730.1;Name=d9d983fe-dedf-4708-a185-
af1531bd5a1c
SM_V9_1 iris    exon    41712285        41712369        .       -
        .       Parent=Smp_126730.1;Name=82bd2a00-1ea5-4f2a-9ccc-
ae5af3345a8e
SM_V9_1 iris    exon    41728231        41730182        .       -
        .       Parent=Smp_126730.1;Name=0ff8e7ab-8a2e-41c7-af65-
e53eebc1b344
SM_V9_1 iris    CDS     41708524        41708759        .       -
        2       Parent=Smp_126730.1
SM_V9_1 iris    CDS     41712285        41712369        .       -
        0       Parent=Smp_126730.1
SM_V9_1 iris    CDS     41728231        41729457        .       -
        0       Parent=Smp_126730.1
SM_V9_1 Liftoff gene    41823536        41837066        .       +
        .       ID=Smp_008500;geneID=Smp_008500
SM_V9_1 Liftoff mRNA    41823536        41837066        .       +
        .
ID=Smp_008500.1;Parent=Smp_008500;geneID=Smp_008500;product=Protein
IWS1 homolog;polypeptide_domain=InterPro:IPR017923
Pfam:PF08711;Ontology_term=GO:0005634
SM_V9_1 Liftoff exon    41823536        41823671        .       +
        .       Parent=Smp_008500.1
SM_V9_1 Liftoff exon    41828851        41828974        .       +
        .       Parent=Smp_008500.1
SM_V9_1 Liftoff exon    41829009        41830263        .       +
        .       Parent=Smp_008500.1
SM_V9_1 Liftoff exon    41831091        41831199        .       +
        .       Parent=Smp_008500.1
SM_V9_1 Liftoff exon    41832870        41832926        .       +
        .       Parent=Smp_008500.1
SM_V9_1 Liftoff exon    41835989        41837066        .       +
        .       Parent=Smp_008500.1
SM_V9_1 Liftoff CDS     41823667        41823671        .       +
        0       Parent=Smp_008500.1
SM_V9_1 Liftoff CDS     41828851        41828974        .       +
        1       Parent=Smp_008500.1
SM_V9_1 Liftoff CDS     41829009        41830263        .       +
        0       Parent=Smp_008500.1
SM_V9_1 Liftoff CDS     41831091        41831199        .       +
        2       Parent=Smp_008500.1
SM_V9_1 Liftoff CDS     41832870        41832926        .       +
        1       Parent=Smp_008500.1
SM_V9_1 Liftoff CDS     41835989        41836310        .       +
        1       Parent=Smp_008500.1
SM_V9_1 iris    gene    41886924        41895752        .       -
        .
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ID=Smp_008490;geneID=Smp_008490;gene_name=Smp_008490;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41886924        41895752        .       -
        .
ID=Smp_008490.1;Parent=Smp_008490;geneID=Smp_008490;gene_name=Smp_00
8490;owner=irisadmin@local.host;orig_id=Smp_008490.1;date_last_modif
ied=2022-08-02;Name=Smp_008490.1;product=Glycogenin-1;date_creation=
2022-07-28
SM_V9_1 iris    exon    41886924        41888231        .       -
        .
Parent=Smp_008490.1;Name=7826cab4-257c-4ba6-919d-4503e66aee25
SM_V9_1 iris    exon    41889985        41890281        .       -
        .       Parent=Smp_008490.1;Name=f8be0dea-1eeb-48eb-
b26c-83c3a8b89a51
SM_V9_1 iris    exon    41893835        41894008        .       -
        .
Parent=Smp_008490.1;Name=d26f86ce-3a3d-4af0-93c8-5546d4c2cd31
SM_V9_1 iris    exon    41895272        41895446        .       -
        .       Parent=Smp_008490.1;Name=c57c70be-408b-40da-
a306-32a3f058d4ea
SM_V9_1 iris    exon    41895481        41895619        .       -
        .       Parent=Smp_008490.1;Name=bb9153f3-e682-4bb7-
a2c5-9bb59ef6789a
SM_V9_1 iris    exon    41895659        41895752        .       -
        .       Parent=Smp_008490.1;Name=f70f6ea9-277a-4b83-8ed7-
ed756127f63b
SM_V9_1 iris    CDS     41888055        41888231        .       -
        0       Parent=Smp_008490.1
SM_V9_1 iris    CDS     41889985        41890281        .       -
        0       Parent=Smp_008490.1
SM_V9_1 iris    CDS     41893835        41894008        .       -
        0       Parent=Smp_008490.1
SM_V9_1 iris    CDS     41895272        41895446        .       -
        1       Parent=Smp_008490.1
SM_V9_1 iris    CDS     41895481        41895619        .       -
        2       Parent=Smp_008490.1
SM_V9_1 iris    CDS     41895659        41895659        .       -
        0       Parent=Smp_008490.1
SM_V9_1 Liftoff gene    41904606        41913582        .       +
        .       ID=Smp_318970;geneID=Smp_318970
SM_V9_1 Liftoff mRNA    41904606        41913582        .       +
        .
ID=Smp_318970.1;Parent=Smp_318970;geneID=Smp_318970;product=Homogent
isate 1,2-dioxygenase;polypeptide_domain=InterPro:IPR010753
Pfam:PF07045
SM_V9_1 Liftoff exon    41904606        41904781        .       +
        .       Parent=Smp_318970.1
SM_V9_1 Liftoff exon    41904821        41904951        .       +
        .       Parent=Smp_318970.1
SM_V9_1 Liftoff exon    41907817        41907985        .       +
        .       Parent=Smp_318970.1
SM_V9_1 Liftoff exon    41908587        41908808        .       +
        .       Parent=Smp_318970.1
SM_V9_1 Liftoff exon    41913183        41913582        .       +
```

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        .       Parent=Smp_318970.1
SM_V9_1 Liftoff CDS     41904760        41904781        .       +
        0       Parent=Smp_318970.1
SM_V9_1 Liftoff CDS     41904821        41904951        .       +
        2       Parent=Smp_318970.1
SM_V9_1 Liftoff CDS     41907817        41907985        .       +
        0       Parent=Smp_318970.1
SM_V9_1 Liftoff CDS     41908587        41908808        .       +
        2       Parent=Smp_318970.1
SM_V9_1 Liftoff CDS     41913183        41913265        .       +
        2       Parent=Smp_318970.1
SM_V9_1 iris    gene    41914377        41924822        .       -
        .
ID=Smp_318980;geneID=Smp_318980;gene_name=Smp_318980;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    41914377        41924822        .       -
        .
ID=Smp_318980.1;Parent=Smp_318980;geneID=Smp_318980;gene_name=Smp_31
8980;owner=irisadmin@local.host;orig_id=Smp_318980.1;date_last_modif
ied=2022-08-16;Name=Smp_318980.1;product=BolA-like protein
1;date_creation=2022-08-16
SM_V9_1 iris    exon    41914377        41914564        .       -
        .       Parent=Smp_318980.1;Name=03cc7b4f-e31a-4d35-
bb75-1fa680a089ad
SM_V9_1 iris    exon    41914854        41914932        .       -
        .       Parent=Smp_318980.1;Name=4b74a953-cea4-41f2-8154-
ed2311d2cd83
SM_V9_1 iris    exon    41914969        41915037        .       -
        .       Parent=Smp_318980.1;Name=ebe5f6f2-650a-46c0-9500-
ed5de71eaa80
SM_V9_1 iris    exon    41915072        41915136        .       -
        .       Parent=Smp_318980.1;Name=401486d4-
b630-47bb-83f1-10f587190e92
SM_V9_1 iris    exon    41915183        41915234        .       -
        .       Parent=Smp_318980.1;Name=669b75ce-12e2-40ac-
aff9-21ef9d86a112
SM_V9_1 iris    exon    41915266        41915473        .       -
        .       Parent=Smp_318980.1;Name=1a4c93fc-2a1c-48ae-
a158-8b420408e7e1
SM_V9_1 iris    exon    41924752        41924822        .       -
        .       Parent=Smp_318980.1;Name=0a8cba5c-4a94-4ccf-b930-
f6dbfcc9c3e4
SM_V9_1 iris    CDS     41914867        41914932        .       -
        0       Parent=Smp_318980.1
SM_V9_1 iris    CDS     41914969        41915037        .       -
        0       Parent=Smp_318980.1
SM_V9_1 iris    CDS     41915072        41915136        .       -
        2       Parent=Smp_318980.1
SM_V9_1 iris    CDS     41915183        41915234        .       -
        0       Parent=Smp_318980.1
SM_V9_1 iris    CDS     41915266        41915397        .       -
        0       Parent=Smp_318980.1
SM_V9_1 iris    gene    41928834        41939675        .       +
        .
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ID=Smp_126720;geneID=Smp_126720;gene_name=Smp_126720;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41928834        41939675        .       +
        .
ID=Smp_126720.1;Parent=Smp_126720;geneID=Smp_126720;gene_name=Smp_12
6720;owner=irisadmin@local.host;orig_id=Smp_126720.4;date_last_modif
ied=2022-08-02;Name=Smp_126720.1;product=Pre-mRNA-splicing factor
ISY1 homolog;date_creation=2022-07-28
SM_V9_1 iris    exon    41928834        41928914        .       +
        .
Parent=Smp_126720.1;Name=f9656b3d-5d70-4b8e-91eb-6d605d546e04
SM_V9_1 iris    exon    41928950        41928972        .       +
        .       Parent=Smp_126720.1;Name=975aebee-63f1-4f66-910f-
cb35984817a0
SM_V9_1 iris    exon    41929010        41929170        .       +
        .       Parent=Smp_126720.1;Name=16a0b9a9-
c591-4a4d-939d-7f1e99198ab0
SM_V9_1 iris    exon    41929210        41929322        .       +
        .       Parent=Smp_126720.1;Name=d5bdb697-4e49-49cd-ae8d-
d8c939fad123
SM_V9_1 iris    exon    41929354        41929471        .       +
        .       Parent=Smp_126720.1;Name=a1b6f273-eaa8-42dd-
a46b-6122fa989643
SM_V9_1 iris    exon    41936916        41937061        .       +
        .
Parent=Smp_126720.1;Name=9336b31c-53b7-4bf9-8dc5-0c9013617899
SM_V9_1 iris    exon    41938756        41938986        .       +
        .
Parent=Smp_126720.1;Name=5d5e4f6f-90ec-47fc-96b3-263436e63df8
SM_V9_1 iris    exon    41939382        41939675        .       +
        .       Parent=Smp_126720.1;Name=a29ecbb0-4439-436d-baaa-
d3e57d4a1eb1
SM_V9_1 iris    CDS     41928912        41928914        .       +
        0       Parent=Smp_126720.1
SM_V9_1 iris    CDS     41928950        41928972        .       +
        0       Parent=Smp_126720.1
SM_V9_1 iris    CDS     41929010        41929170        .       +
        1       Parent=Smp_126720.1
SM_V9_1 iris    CDS     41929210        41929322        .       +
        2       Parent=Smp_126720.1
SM_V9_1 iris    CDS     41929354        41929471        .       +
        0       Parent=Smp_126720.1
SM_V9_1 iris    CDS     41936916        41937061        .       +
        2       Parent=Smp_126720.1
SM_V9_1 iris    CDS     41938756        41938986        .       +
        0       Parent=Smp_126720.1
SM_V9_1 iris    CDS     41939382        41939594        .       +
        0       Parent=Smp_126720.1
SM_V9_1 iris    gene    41940439        41955242        .       -
        .
ID=Smp_008470;geneID=Smp_008470;gene_name=Smp_008470;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    41940439        41955242        .       -
        .
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ID=Smp_008470.1;Parent=Smp_008470;geneID=Smp_008470;gene_name=Smp_00
8470;owner=irisadmin@local.host;orig_id=Smp_008470.1;date_last_modif
ied=2022-08-02;Name=Smp_008470.1;product=Macrophage erythroblast
attacher;date_creation=2022-07-28
SM_V9_1 iris    exon    41940439        41940861        .       -
        .       Parent=Smp_008470.1;Name=fe9920a6-
a93f-48c5-8ea9-888d84ebdfed
SM_V9_1 iris    exon    41945937        41946126        .       -
        .       Parent=Smp_008470.1;Name=21e3fe63-d9b1-4176-b36e-
aeedeaf7d7b7
SM_V9_1 iris    exon    41947985        41948115        .       -
        .       Parent=Smp_008470.1;Name=b6bfbccf-2a71-418d-90e6-
eeafb0c11af9
SM_V9_1 iris    exon    41949366        41949483        .       -
        .       Parent=Smp_008470.1;Name=a27d9ea8-6e50-4244-
a5b8-523d70d00813
SM_V9_1 iris    exon    41951139        41951215        .       -
        .       Parent=Smp_008470.1;Name=1d330bf4-
b47c-4367-980b-66c8f75d8313
SM_V9_1 iris    exon    41952235        41952581        .       -
        .       Parent=Smp_008470.1;Name=2a73b143-1336-4012-
aa1d-530c3c4d2643
SM_V9_1 iris    exon    41954684        41954795        .       -
        .       Parent=Smp_008470.1;Name=41e3f316-5ede-44a5-
a48d-3a3d860912c4
SM_V9_1 iris    exon    41954830        41955000        .       -
        .       Parent=Smp_008470.1;Name=f012d904-d61a-4f36-a82e-
ef6f864b071b
SM_V9_1 iris    exon    41955037        41955242        .       -
        .       Parent=Smp_008470.1;Name=0643e1d0-01dc-47db-bd21-
e5a428ea086a
SM_V9_1 iris    CDS     41940763        41940861        .       -
        0       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41945937        41946126        .       -
        1       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41947985        41948115        .       -
        0       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41949366        41949483        .       -
        1       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41951139        41951215        .       -
        0       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41952235        41952581        .       -
        2       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41954684        41954795        .       -
        0       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41954830        41955000        .       -
        0       Parent=Smp_008470.1
SM_V9_1 iris    CDS     41955037        41955096        .       -
        0       Parent=Smp_008470.1
SM_V9_1 Liftoff gene    41967016        41975469        .       +
        .       ID=Smp_008430;geneID=Smp_008430
SM_V9_1 Liftoff mRNA    41967016        41975469        .       +
        .
ID=Smp_008430.1;Parent=Smp_008430;geneID=Smp_008430;product=Exodeoxy
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ribonuclease 7 large subunit
SM_V9_1 Liftoff exon    41967016        41967186        .       +
        .       Parent=Smp_008430.1
SM_V9_1 Liftoff exon    41967226        41967292        .       +
        .       Parent=Smp_008430.1
SM_V9_1 Liftoff exon    41967333        41967379        .       +
        .       Parent=Smp_008430.1
SM_V9_1 Liftoff exon    41967415        41967525        .       +
        .       Parent=Smp_008430.1
SM_V9_1 Liftoff exon    41972727        41972873        .       +
        .       Parent=Smp_008430.1
SM_V9_1 Liftoff exon    41973716        41973863        .       +
        .       Parent=Smp_008430.1
SM_V9_1 Liftoff exon    41975276        41975469        .       +
        .       Parent=Smp_008430.1
SM_V9_1 Liftoff CDS     41967142        41967186        .       +
        0       Parent=Smp_008430.1
SM_V9_1 Liftoff CDS     41967226        41967292        .       +
        0       Parent=Smp_008430.1
SM_V9_1 Liftoff CDS     41967333        41967379        .       +
        2       Parent=Smp_008430.1
SM_V9_1 Liftoff CDS     41967415        41967525        .       +
        0       Parent=Smp_008430.1
SM_V9_1 Liftoff CDS     41972727        41972873        .       +
        0       Parent=Smp_008430.1
SM_V9_1 Liftoff CDS     41973716        41973863        .       +
        0       Parent=Smp_008430.1
SM_V9_1 Liftoff CDS     41975276        41975382        .       +
        2       Parent=Smp_008430.1
SM_V9_1 Liftoff gene    41975288        41979035        .       -
        .       ID=Smp_008440;geneID=Smp_008440
SM_V9_1 Liftoff mRNA    41975288        41979035        .       -
        .
ID=Smp_008440.1;Parent=Smp_008440;geneID=Smp_008440;product=DNA-
directed RNA polymerases I, II, and III subunit
RPABC5;polypeptide_domain=InterPro:IPR000268,IPR020789,IPR023580
Pfam:PF01194;Ontology_term=GO:0003677,GO:0003899,GO:0006351,GO:00082
70
SM_V9_1 Liftoff exon    41975288        41979035        .       -
        .       Parent=Smp_008440.1
SM_V9_1 Liftoff CDS     41975464        41975667        .       -
        0       Parent=Smp_008440.1
SM_V9_1 Liftoff gene    41990576        41996490        .       +
        .       ID=Smp_008450;geneID=Smp_008450
SM_V9_1 Liftoff mRNA    41990576        41996490        .       +
        .
ID=Smp_008450.1;Parent=Smp_008450;geneID=Smp_008450;product=Leucine-
rich repeat and death domain-containing protein
1;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    41990576        41990750        .       +
        .       Parent=Smp_008450.1
SM_V9_1 Liftoff exon    41990785        41992832        .       +
        .       Parent=Smp_008450.1
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SM_V9_1 Liftoff exon    41995808        41996490        .       +
        .       Parent=Smp_008450.1
SM_V9_1 Liftoff CDS     41990710        41990750        .       +
        0       Parent=Smp_008450.1
SM_V9_1 Liftoff CDS     41990785        41992832        .       +
        1       Parent=Smp_008450.1
SM_V9_1 Liftoff CDS     41995808        41996316        .       +
        2       Parent=Smp_008450.1
SM_V9_1 Liftoff gene    42088077        42111782        .       -
        .       ID=Smp_193610;geneID=Smp_193610
SM_V9_1 Liftoff mRNA    42088077        42111782        .       -
        .
ID=Smp_193610.1;Parent=Smp_193610;geneID=Smp_193610;product=FMRFamid
e receptor;polypeptide_domain=InterPro:IPR000276,IPR017452,IPR019427
Pfam:PF10324;Ontology_term=GO:0004930,GO:0007186,GO:0008528,GO:00160
21
SM_V9_1 Liftoff exon    42088077        42089649        .       -
        .       Parent=Smp_193610.1
SM_V9_1 Liftoff exon    42111364        42111782        .       -
        .       Parent=Smp_193610.1
SM_V9_1 Liftoff CDS     42088617        42089649        .       -
        1       Parent=Smp_193610.1
SM_V9_1 Liftoff CDS     42111364        42111620        .       -
        0       Parent=Smp_193610.1
SM_V9_1 iris    gene    42123843        42160306        .       -
        .
ID=Smp_056930;geneID=Smp_056930;gene_name=Smp_056930;owner=irisadmin
@local.host;date_last_modified=2022-08-04;date_creation=2022-08-04
SM_V9_1 iris    mRNA    42123843        42160306        .       -
        .
ID=Smp_056930.1;Parent=Smp_056930;geneID=Smp_056930;gene_name=Smp_05
6930;owner=irisadmin@local.host;orig_id=Smp_056930.1;date_last_modif
ied=2022-08-16;Name=Smp_056930.1;product=Histone-lysine N-
methyltransferase 2D;date_creation=2022-08-04
SM_V9_1 iris    exon    42123843        42124406        .       -
        .       Parent=Smp_056930.1;Name=492fcef9-b20c-48cb-9118-
c0592ea947e7
SM_V9_1 iris    exon    42125410        42125489        .       -
        .       Parent=Smp_056930.1;Name=b42fdb4f-8cc0-4080-
a931-838b36f74b8a
SM_V9_1 iris    exon    42125808        42125839        .       -
        .       Parent=Smp_056930.1;Name=46a9f4f0-79d4-420c-8923-
a8176fd0981b
SM_V9_1 iris    exon    42126934        42127276        .       -
        .       Parent=Smp_056930.1;Name=436daa84-
ed89-4634-9882-3f0513a1b5da
SM_V9_1 iris    exon    42129855        42131063        .       -
        .       Parent=Smp_056930.1;Name=28752502-99e2-4c99-bc25-
b064d2ca5472
SM_V9_1 iris    exon    42132062        42132610        .       -
        .       Parent=Smp_056930.1;Name=efe00f1b-1e96-48af-9493-
ad9953073ec4
SM_V9_1 iris    exon    42133453        42133863        .       -
        .       Parent=Smp_056930.1;Name=6f56ca51-f9d4-444e-8d8b-
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d58214f759ac
SM_V9_1 iris    exon    42133982        42134319        .       -
        .       Parent=Smp_056930.1;Name=4f64486a-
ce48-431f-8608-6d18ee946dde
SM_V9_1 iris    exon    42134773        42135543        .       -
        .       Parent=Smp_056930.1;Name=0f226497-ded9-4cac-ac90-
d34adf2ed4da
SM_V9_1 iris    exon    42135688        42136282        .       -
        .       Parent=Smp_056930.1;Name=4aed9e45-109a-42b2-
a216-906754c4ff3d
SM_V9_1 iris    exon    42136412        42136992        .       -
        .       Parent=Smp_056930.1;Name=4e9cf1a2-ebe8-4c3e-
ba3d-9c5fd6b27dc8
SM_V9_1 iris    exon    42138141        42138909        .       -
        .       Parent=Smp_056930.1;Name=bf2d48a8-4863-4a8e-ae2d-
eaa18ed52138
SM_V9_1 iris    exon    42142463        42142765        .       -
        .       Parent=Smp_056930.1;Name=f042bb5c-d48e-46ce-
a3c3-0149f02f1470
SM_V9_1 iris    exon    42142957        42143103        .       -
        .       Parent=Smp_056930.1;Name=8b574339-
cf30-4440-82bf-6f211a133a37
SM_V9_1 iris    exon    42144965        42145090        .       -
        .       Parent=Smp_056930.1;Name=74dbf127-
cf86-4a89-9f09-1d3a4a73ed2e
SM_V9_1 iris    exon    42145902        42145960        .       -
        .       Parent=Smp_056930.1;Name=f6dfbe22-44be-4d23-b543-
b4083545a093
SM_V9_1 iris    exon    42148026        42148168        .       -
        .       Parent=Smp_056930.1;Name=8c1851cf-d099-4cf4-
b853-82947640dc1f
SM_V9_1 iris    exon    42148291        42148382        .       -
        .       Parent=Smp_056930.1;Name=6d4ea1cb-0bc7-4327-
b783-7ca469abf613
SM_V9_1 iris    exon    42149769        42149864        .       -
        .       Parent=Smp_056930.1;Name=7eb9a98b-
cba2-4f52-9e60-10f1fd1746be
SM_V9_1 iris    exon    42150546        42150854        .       -
        .       Parent=Smp_056930.1;Name=3e6b4ab9-
d825-460c-8e84-4e06377e3bcb
SM_V9_1 iris    exon    42151039        42151386        .       -
        .       Parent=Smp_056930.1;Name=df96c3a5-e4f4-4eaa-
ab86-63760ee561f0
SM_V9_1 iris    exon    42151698        42151829        .       -
        .       Parent=Smp_056930.1;Name=e3cbf102-8dae-49ab-
a8fe-2cca1dfaa89b
SM_V9_1 iris    exon    42153288        42153740        .       -
        .       Parent=Smp_056930.1;Name=29ef6ca3-d397-4ccc-86c8-
fb9a0b7d1397
SM_V9_1 iris    exon    42155327        42155548        .       -
        .
Parent=Smp_056930.1;Name=14a2a1f3-4bd9-4a6f-97f7-6fbe1f4e34a6
SM_V9_1 iris    exon    42156379        42156495        .       -
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Parent=Smp_056930.1;Name=dcf7346a-0b5a-4716-97ba-4a4e3f07ad54
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        .       Parent=Smp_056930.1;Name=18ff1cec-ad9a-45b7-b03a-
ee7c3d8e00ad
SM_V9_1 iris    exon    42157153        42157330        .       -
        .       Parent=Smp_056930.1;Name=3a8460e9-39b5-4984-bc26-
b497090a5bb5
SM_V9_1 iris    exon    42158229        42158439        .       -
        .       Parent=Smp_056930.1;Name=dadf6185-8365-4f6c-a40f-
be6a964ba5f3
SM_V9_1 iris    exon    42159226        42159466        .       -
        .
Parent=Smp_056930.1;Name=3267735a-048c-4709-9f60-4204d96d4059
SM_V9_1 iris    exon    42159501        42159914        .       -
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SM_V9_1 iris    exon    42159952        42160089        .       -
        .       Parent=Smp_056930.1;Name=b9fbf72e-
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SM_V9_1 iris    exon    42160120        42160190        .       -
        .
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SM_V9_1 iris    exon    42160223        42160306        .       -
        .
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SM_V9_1 iris    CDS     42125484        42125489        .       -
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SM_V9_1 iris    CDS     42125808        42125839        .       -
        2       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42126934        42127276        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42129855        42131063        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42132062        42132610        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42133453        42133863        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42133982        42134319        .       -
        2       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42134773        42135543        .       -
        2       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42135688        42136282        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42136412        42136992        .       -
        2       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42138141        42138909        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42142463        42142765        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42142957        42143103        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42144965        42145090        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42145902        42145960        .       -
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        2       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42148026        42148168        .       -
        1       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42148291        42148382        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42149769        42149864        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42150546        42150854        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42151039        42151386        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42151698        42151829        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42153288        42153740        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42155327        42155548        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42156379        42156495        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42156571        42156772        .       -
        1       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42157153        42157330        .       -
        2       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42158229        42158439        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42159226        42159466        .       -
        1       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42159501        42159914        .       -
        1       Parent=Smp_056930.1
SM_V9_1 iris    CDS     42159952        42160004        .       -
        0       Parent=Smp_056930.1
SM_V9_1 iris    gene    42174610        42190342        .       -
        .
ID=Smp_152740;geneID=Smp_152740;gene_name=Smp_152740;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    42174610        42190342        .       -
        .
ID=Smp_152740.1;Parent=Smp_152740;geneID=Smp_152740;gene_name=Smp_15
2740;owner=irisadmin@local.host;orig_id=Smp_152740.1;date_last_modif
ied=2022-08-16;Name=Smp_152740.1;product=U3 small nucleolar RNA-
associated protein 4 homolog;date_creation=2022-08-16
SM_V9_1 iris    exon    42174610        42174757        .       -
        .       Parent=Smp_152740.1;Name=4ec8c3a0-5d48-4689-
adda-3117f977ff61
SM_V9_1 iris    exon    42175478        42175567        .       -
        .
Parent=Smp_152740.1;Name=412c9459-4dd5-4179-9072-1fafbc85b46e
SM_V9_1 iris    exon    42177412        42177947        .       -
        .       Parent=Smp_152740.1;Name=53195203-7bb9-4bf4-
a1d6-51a09ee8b991
SM_V9_1 iris    exon    42180811        42181267        .       -
        .       Parent=Smp_152740.1;Name=ff82afc6-fba1-4c0b-8b4f-
b2fdc0dd4c4a
SM_V9_1 iris    exon    42181900        42182537        .       -
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        .       Parent=Smp_152740.1;Name=6aa68669-19d1-4ad1-b3b4-
f5686144fa91
SM_V9_1 iris    exon    42186991        42187190        .       -
        .       Parent=Smp_152740.1;Name=0805576c-eca3-4c31-ac42-
eabfdeaf2d69
SM_V9_1 iris    exon    42189629        42189797        .       -
        .       Parent=Smp_152740.1;Name=ff5d4dbf-90c8-4976-
aa70-4b62d20a6318
SM_V9_1 iris    exon    42189829        42189909        .       -
        .       Parent=Smp_152740.1;Name=37c89ea3-a5e2-4e74-
bc7a-42324ac784fc
SM_V9_1 iris    exon    42189951        42190342        .       -
        .
Parent=Smp_152740.1;Name=f8c0767c-31a2-4fc2-9520-8bb9b3414327
SM_V9_1 iris    CDS     42174641        42174757        .       -
        0       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42175478        42175567        .       -
        0       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42177412        42177947        .       -
        2       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42180811        42181267        .       -
        0       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42181900        42182537        .       -
        2       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42186991        42187190        .       -
        1       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42189629        42189797        .       -
        2       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42189829        42189909        .       -
        2       Parent=Smp_152740.1
SM_V9_1 iris    CDS     42189951        42190296        .       -
        0       Parent=Smp_152740.1
SM_V9_1 iris    gene    42223218        42224455        .       -
        .
ID=Smp_056970;geneID=Smp_056970;gene_name=Smp_056970;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42223218        42224455        .       -
        .
ID=Smp_056970.1;Parent=Smp_056970;geneID=Smp_056970;gene_name=Smp_05
6970;owner=irisadmin@local.host;orig_id=Smp_056970.2;date_last_modif
ied=2022-08-02;Name=Smp_056970.1;product=glyceraldehyde 3 phosphate
dehydrogenase;date_creation=2022-07-28
SM_V9_1 iris    exon    42223218        42223369        .       -
        .       Parent=Smp_056970.1;Name=a3d27694-6bf7-420a-a10f-
d9f3b3534347
SM_V9_1 iris    exon    42223413        42224026        .       -
        .       Parent=Smp_056970.1;Name=a82e6210-e75a-41a4-
b7db-09f6277efb04
SM_V9_1 iris    exon    42224065        42224455        .       -
        .       Parent=Smp_056970.1;Name=df72e882-
e100-4de1-8bd2-39ea93a0f865
SM_V9_1 iris    CDS     42223294        42223369        .       -
        1       Parent=Smp_056970.1
SM_V9_1 iris    CDS     42223413        42224026        .       -
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        0       Parent=Smp_056970.1
SM_V9_1 iris    CDS     42224065        42224391        .       -
        0       Parent=Smp_056970.1
SM_V9_1 iris    gene    42242942        42272211        .       +
        .
ID=Smp_152750;geneID=Smp_152750;gene_name=Smp_152750;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42242942        42272211        .       +
        .
ID=Smp_152750.1;Parent=Smp_152750;geneID=Smp_152750;gene_name=Smp_15
2750;owner=irisadmin@local.host;orig_id=Smp_152750.3;date_last_modif
ied=2022-08-16;Name=Smp_152750.1;product=Receptor-type tyrosine-
protein phosphatase zeta;date_creation=2022-07-28
SM_V9_1 iris    exon    42242942        42243416        .       +
        .       Parent=Smp_152750.1;Name=43a8fdac-484a-44ed-
ac5d-08505af32285
SM_V9_1 iris    exon    42243446        42243572        .       +
        .       Parent=Smp_152750.1;Name=58bc6938-3ea3-4c1a-
a88c-0da491b11c2f
SM_V9_1 iris    exon    42246032        42246437        .       +
        .       Parent=Smp_152750.1;Name=b2919ac6-66f9-45fb-
bb4f-7e0c021a9ab3
SM_V9_1 iris    exon    42246899        42247123        .       +
        .       Parent=Smp_152750.1;Name=248bee7e-
a365-48fe-9705-2be311e104ae
SM_V9_1 iris    exon    42248667        42248856        .       +
        .       Parent=Smp_152750.1;Name=92780232-4dde-4bc0-
a770-424d16cf64b9
SM_V9_1 iris    exon    42249559        42249785        .       +
        .       Parent=Smp_152750.1;Name=4d41f4d7-c907-4bdd-
a710-6124dd55b505
SM_V9_1 iris    exon    42258281        42258428        .       +
        .       Parent=Smp_152750.1;Name=e5bb0ff1-9ee8-4554-
ac04-847f92883fda
SM_V9_1 iris    exon    42258689        42258821        .       +
        .       Parent=Smp_152750.1;Name=fa45438a-a6b8-48f6-
b86e-02b3a5b7af65
SM_V9_1 iris    exon    42259013        42259211        .       +
        .
Parent=Smp_152750.1;Name=eb16582d-545b-4f89-9f59-58b34960a2e1
SM_V9_1 iris    exon    42259948        42260041        .       +
        .       Parent=Smp_152750.1;Name=3dde322d-7879-4de2-b6f4-
f83bcec9e91e
SM_V9_1 iris    exon    42261003        42261073        .       +
        .       Parent=Smp_152750.1;Name=df9a2ace-69e2-461c-9f6e-
b42ecbe3e1b5
SM_V9_1 iris    exon    42262119        42262253        .       +
        .
Parent=Smp_152750.1;Name=1a598dc4-97f6-4932-9bb0-3fa83297a26d
SM_V9_1 iris    exon    42262972        42263106        .       +
        .       Parent=Smp_152750.1;Name=b598f9b2-6609-42d7-
b89c-77e0c05cfa0b
SM_V9_1 iris    exon    42263585        42263733        .       +
        .       Parent=Smp_152750.1;Name=3712e833-
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c545-4fe2-82f4-0682f27e2b40
SM_V9_1 iris    exon    42263901        42264036        .       +
        .       Parent=Smp_152750.1;Name=547a8372-
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SM_V9_1 iris    exon    42264283        42264429        .       +
        .       Parent=Smp_152750.1;Name=62b7d226-aaf7-4c27-a462-
c632fcef3ce7
SM_V9_1 iris    exon    42264604        42264691        .       +
        .       Parent=Smp_152750.1;Name=806ea565-4432-4da4-
a9de-6ea0aa425483
SM_V9_1 iris    exon    42264964        42265160        .       +
        .       Parent=Smp_152750.1;Name=7984c66e-efd6-4529-989c-
e41dfdb8b505
SM_V9_1 iris    exon    42267721        42267989        .       +
        .       Parent=Smp_152750.1;Name=c6b6ae1e-2921-443c-
afb8-3020f5f503df
SM_V9_1 iris    exon    42270381        42270516        .       +
        .       Parent=Smp_152750.1;Name=78b07b0f-e0f8-4341-
acb7-9aa716e3a564
SM_V9_1 iris    exon    42270837        42272211        .       +
        .       Parent=Smp_152750.1;Name=f6478a2a-0644-445d-
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SM_V9_1 iris    CDS     42243083        42243416        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42243446        42243572        .       +
        2       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42246032        42246437        .       +
        1       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42246899        42247123        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42248667        42248856        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42249559        42249785        .       +
        2       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42258281        42258428        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42258689        42258821        .       +
        2       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42259013        42259211        .       +
        1       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42259948        42260041        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42261003        42261073        .       +
        2       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42262119        42262253        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42262972        42263106        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42263585        42263733        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42263901        42264036        .       +
        1       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42264283        42264429        .       +
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SM_V9_1 iris    CDS     42264604        42264691        .       +
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        2       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42267721        42267989        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42270381        42270516        .       +
        1       Parent=Smp_152750.1
SM_V9_1 iris    CDS     42270837        42271412        .       +
        0       Parent=Smp_152750.1
SM_V9_1 iris    gene    42272681        42276744        .       +
        .
ID=Smp_152760;geneID=Smp_152760;gene_name=Smp_152760;owner=irisadmin
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SM_V9_1 iris    mRNA    42272681        42276744        .       +
        .
ID=Smp_152760.1;Parent=Smp_152760;geneID=Smp_152760;gene_name=Smp_15
2760;owner=irisadmin@local.host;orig_id=Smp_152760.1;date_last_modif
ied=2022-08-02;Name=Smp_152760.1;product=Cyclin-related protein
FAM58A;date_creation=2022-07-28
SM_V9_1 iris    exon    42272681        42273045        .       +
        .       Parent=Smp_152760.1;Name=083ac39b-61c2-4fa4-9a59-
c88e2bed3fdb
SM_V9_1 iris    exon    42274100        42274185        .       +
        .       Parent=Smp_152760.1;Name=c0092263-b7e9-4290-8998-
fb78b35063f6
SM_V9_1 iris    exon    42274887        42275310        .       +
        .       Parent=Smp_152760.1;Name=ec0f693a-a2e0-4670-
b5c9-7e9602c9fb0d
SM_V9_1 iris    exon    42276182        42276744        .       +
        .
Parent=Smp_152760.1;Name=95356ec5-6720-4db1-89dc-78529f9161b0
SM_V9_1 iris    CDS     42272704        42273045        .       +
        0       Parent=Smp_152760.1
SM_V9_1 iris    CDS     42274100        42274185        .       +
        0       Parent=Smp_152760.1
SM_V9_1 iris    CDS     42274887        42275310        .       +
        1       Parent=Smp_152760.1
SM_V9_1 iris    CDS     42276182        42276304        .       +
        0       Parent=Smp_152760.1
SM_V9_1 Liftoff gene    42292700        42308050        .       +
        .       ID=Smp_056990;geneID=Smp_056990
SM_V9_1 Liftoff mRNA    42292700        42308050        .       +
        .
ID=Smp_056990.1;Parent=Smp_056990;geneID=Smp_056990;product=Glutamat
e receptor ionotropic, kainate
2;polypeptide_domain=InterPro:IPR001320
Pfam:PF00060;Ontology_term=GO:0004970,GO:0016020
SM_V9_1 Liftoff exon    42292700        42293138        .       +
        .       Parent=Smp_056990.1
SM_V9_1 Liftoff exon    42293187        42293227        .       +
        .       Parent=Smp_056990.1
SM_V9_1 Liftoff exon    42297524        42297688        .       +
        .       Parent=Smp_056990.1
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SM_V9_1 Liftoff exon    42299873        42300151        .       +
        .       Parent=Smp_056990.1
SM_V9_1 Liftoff exon    42301584        42301719        .       +
        .       Parent=Smp_056990.1
SM_V9_1 Liftoff exon    42305421        42305923        .       +
        .       Parent=Smp_056990.1
SM_V9_1 Liftoff exon    42307561        42308050        .       +
        .       Parent=Smp_056990.1
SM_V9_1 Liftoff CDS     42293060        42293138        .       +
        0       Parent=Smp_056990.1
SM_V9_1 Liftoff CDS     42293187        42293227        .       +
        2       Parent=Smp_056990.1
SM_V9_1 Liftoff CDS     42297524        42297688        .       +
        0       Parent=Smp_056990.1
SM_V9_1 Liftoff CDS     42299873        42300151        .       +
        0       Parent=Smp_056990.1
SM_V9_1 Liftoff CDS     42301584        42301719        .       +
        0       Parent=Smp_056990.1
SM_V9_1 Liftoff CDS     42305421        42305923        .       +
        2       Parent=Smp_056990.1
SM_V9_1 Liftoff CDS     42307561        42307800        .       +
        0       Parent=Smp_056990.1
SM_V9_1 iris    gene    42322598        42353076        .       +
        .
ID=Smp_344520;geneID=Smp_344520;gene_name=Smp_344520;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42322598        42353076        .       +
        .
ID=Smp_344520.1;Parent=Smp_344520;geneID=Smp_344520;gene_name=Smp_34
4520;owner=irisadmin@local.host;orig_id=Smp_344520.1;date_last_modif
ied=2022-08-02;Name=Smp_344520.1;product=Spindle pole body component
110;date_creation=2022-07-28
SM_V9_1 iris    exon    42322598        42322820        .       +
        .       Parent=Smp_344520.1;Name=1220df95-f0c5-40fa-a398-
c19aabaabdb3
SM_V9_1 iris    exon    42328075        42328199        .       +
        .       Parent=Smp_344520.1;Name=b8a13ca1-03fb-4d28-
a060-58556d54cead
SM_V9_1 iris    exon    42329642        42329858        .       +
        .       Parent=Smp_344520.1;Name=3dd75279-10e1-44ee-a140-
bd853041b90f
SM_V9_1 iris    exon    42331073        42331233        .       +
        .
Parent=Smp_344520.1;Name=ec35ecff-92a4-466a-97a5-76406cd82b00
SM_V9_1 iris    exon    42332968        42333289        .       +
        .       Parent=Smp_344520.1;Name=cd287a33-e57d-4f01-971d-
b86411c9dbf5
SM_V9_1 iris    exon    42333974        42334138        .       +
        .       Parent=Smp_344520.1;Name=ee18de96-
aa68-47e3-94ab-1b928513dee1
SM_V9_1 iris    exon    42334975        42335133        .       +
        .       Parent=Smp_344520.1;Name=5e690f48-5329-464a-
ba7a-65b1c2632b2c
SM_V9_1 iris    exon    42336170        42336360        .       +
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        .       Parent=Smp_344520.1;Name=c2868b2b-9644-4da1-
a44b-4f8cdb25ff0c
SM_V9_1 iris    exon    42338879        42338975        .       +
        .       Parent=Smp_344520.1;Name=f72e0348-47af-4720-
af48-6dafe4b5b2fb
SM_V9_1 iris    exon    42339596        42339742        .       +
        .       Parent=Smp_344520.1;Name=d0321b5c-a98d-4215-88e7-
f8a099540af4
SM_V9_1 iris    exon    42340944        42341231        .       +
        .
Parent=Smp_344520.1;Name=3b1737fa-6297-46c0-8ce1-7234fcced411
SM_V9_1 iris    exon    42342760        42342879        .       +
        .
Parent=Smp_344520.1;Name=6cf5d632-17ec-4deb-8be7-237e691aaaa1
SM_V9_1 iris    exon    42345839        42346098        .       +
        .       Parent=Smp_344520.1;Name=bd0ec115-5d78-4ed2-ab0a-
ecd17f23c90f
SM_V9_1 iris    exon    42349666        42349939        .       +
        .       Parent=Smp_344520.1;Name=438a2678-96d8-4a5e-
abf8-7a0d6cdd2ba2
SM_V9_1 iris    exon    42351332        42351560        .       +
        .
Parent=Smp_344520.1;Name=b9b11b32-88b1-4cbb-91bc-9de8e69d61ed
SM_V9_1 iris    exon    42352769        42353076        .       +
        .       Parent=Smp_344520.1;Name=ca064bf7-edf4-4c22-88a5-
ed0427a4759c
SM_V9_1 iris    CDS     42329820        42329858        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42331073        42331233        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42332968        42333289        .       +
        1       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42333974        42334138        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42334975        42335133        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42336170        42336360        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42338879        42338975        .       +
        1       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42339596        42339742        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42340944        42341231        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42342760        42342879        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42345839        42346098        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42349666        42349939        .       +
        1       Parent=Smp_344520.1
SM_V9_1 iris    CDS     42351332        42351340        .       +
        0       Parent=Smp_344520.1
SM_V9_1 iris    gene    42353994        42367971        .       -
        .
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ID=Smp_057020;geneID=Smp_057020;gene_name=Smp_057020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42353994        42367971        .       -
       .
ID=Smp_057020.1;Parent=Smp_057020;geneID=Smp_057020;gene_name=Smp_05
7020;owner=irisadmin@local.host;orig_id=Smp_057020.1;date_last_modif
ied=2022-08-02;Name=Smp_057020.1;product=Probable ATP-dependent RNA
helicase DDX31;date_creation=2022-07-28
SM_V9_1 iris    exon    42353994        42354289        .       -
       .       Parent=Smp_057020.1;Name=bf0ba709-2f86-41d4-b96a-
fb8c4d2dc0f5
SM_V9_1 iris    exon    42355035        42355378        .       -
       .       Parent=Smp_057020.1;Name=b4b36800-0b06-47fe-
b160-1386055f03d3
SM_V9_1 iris    exon    42356383        42356718        .       -
       .       Parent=Smp_057020.1;Name=8ca9c19d-8fe2-4243-ab6b-
b5ae65faee2f
SM_V9_1 iris    exon    42357243        42357413        .       -
       .       Parent=Smp_057020.1;Name=807cad3b-e322-4608-
ad91-745da3738996
SM_V9_1 iris    exon    42357873        42358114        .       -
       .       Parent=Smp_057020.1;Name=1bcdd8dd-e4b0-4190-
af75-8c959d17f4ab
SM_V9_1 iris    exon    42358910        42359166        .       -
       .       Parent=Smp_057020.1;Name=e38cb4ea-3796-4a99-
a458-31a83ff529fc
SM_V9_1 iris    exon    42362350        42362769        .       -
       .       Parent=Smp_057020.1;Name=a6fde5fa-9709-4d95-
ad26-50461bb125ca
SM_V9_1 iris    exon    42367625        42367827        .       -
       .       Parent=Smp_057020.1;Name=f234e9e4-d394-4b96-
a4db-8d4f1bbd2f6f
SM_V9_1 iris    exon    42367864        42367971        .       -
       .       Parent=Smp_057020.1;Name=53b36e2a-4eda-4ae2-
a458-625661fc59cb
SM_V9_1 iris    CDS     42354181        42354289        .       -
       1       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42355035        42355378        .       -
       0       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42356383        42356718        .       -
       0       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42357243        42357413        .       -
       0       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42357873        42358114        .       -
       2       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42358910        42359166        .       -
       1       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42362350        42362769        .       -
       1       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42367625        42367827        .       -
       0       Parent=Smp_057020.1
SM_V9_1 iris    CDS     42367864        42367923        .       -
       0       Parent=Smp_057020.1
SM_V9_1 Liftoff gene    42387133        42395006        .       -
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        .
ID=Smp_301530;geneID=Smp_301530;previous_systematic_id=Smp_152780
SM_V9_1 Liftoff mRNA    42387133        42395006        .       -
        .
ID=Smp_301530.1;Parent=Smp_301530;geneID=Smp_301530;product=E3
ubiquitin-protein ligase TRIP12
SM_V9_1 Liftoff exon    42387133        42388306        .       -
        .       Parent=Smp_301530.1
SM_V9_1 Liftoff exon    42390613        42395006        .       -
        .       Parent=Smp_301530.1
SM_V9_1 Liftoff CDS     42387992        42388306        .       -
        0       Parent=Smp_301530.1
SM_V9_1 Liftoff CDS     42390613        42390909        .       -
        0       Parent=Smp_301530.1
SM_V9_1 Liftoff mRNA    42389232        42395006        .       -
        .
ID=Smp_301530.2;Parent=Smp_301530;geneID=Smp_301530;product=Receptor
-type tyrosine-protein phosphatase kappa
SM_V9_1 Liftoff exon    42389232        42390181        .       -
        .       Parent=Smp_301530.2
SM_V9_1 Liftoff exon    42390613        42395006        .       -
        .       Parent=Smp_301530.2
SM_V9_1 Liftoff CDS     42389987        42390181        .       -
        0       Parent=Smp_301530.2
SM_V9_1 Liftoff CDS     42390613        42390909        .       -
        0       Parent=Smp_301530.2
SM_V9_1 iris    gene    42408221        42417013        .       -
        .
ID=Smp_057060;geneID=Smp_057060;gene_name=Smp_057060;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42408221        42417013        .       -
        .
ID=Smp_057060.1;Parent=Smp_057060;geneID=Smp_057060;gene_name=Smp_05
7060;owner=irisadmin@local.host;orig_id=Smp_057060.1;date_last_modif
ied=2022-08-02;Name=Smp_057060.1;product=4-hydroxybutyrate coenzyme
A transferase;date_creation=2022-07-28
SM_V9_1 iris    exon    42408221        42408554        .       -
        .       Parent=Smp_057060.1;Name=ab29413d-412b-4a54-
bf29-0eefa87b3653
SM_V9_1 iris    exon    42409251        42409509        .       -
        .
Parent=Smp_057060.1;Name=bf4eea94-6332-4c17-9465-3a7a6de9a262
SM_V9_1 iris    exon    42410988        42411125        .       -
        .       Parent=Smp_057060.1;Name=027315ab-196c-4971-
bd79-3dc6208bfcc6
SM_V9_1 iris    exon    42414143        42414358        .       -
        .
Parent=Smp_057060.1;Name=ccb893f0-3190-405e-9e13-381fda3b0cd3
SM_V9_1 iris    exon    42415491        42415679        .       -
        .
Parent=Smp_057060.1;Name=16cca5b4-8105-42d5-98df-5d401e715f1a
SM_V9_1 iris    exon    42415714        42415923        .       -
        .       Parent=Smp_057060.1;Name=ac0e4a1f-1cb0-4b92-840d-
e13fdf75506d
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SM_V9_1 iris    exon    42415958        42416140        .       -
        .       Parent=Smp_057060.1;Name=8d3b5653-7d9a-4279-87a5-
d7bf3141ff0f
SM_V9_1 iris    exon    42416181        42416399        .       -
        .       Parent=Smp_057060.1;Name=53bb2a91-68aa-468e-8140-
c11f55a8ead5
SM_V9_1 iris    exon    42416775        42416917        .       -
        .       Parent=Smp_057060.1;Name=80a70c59-
bba0-4c69-9a1b-95d024d3a1a2
SM_V9_1 iris    exon    42416961        42417013        .       -
        .       Parent=Smp_057060.1;Name=c6643386-23b5-419b-
a106-8dd7ab237651
SM_V9_1 iris    CDS     42408497        42408554        .       -
        1       Parent=Smp_057060.1
SM_V9_1 iris    CDS     42409251        42409509        .       -
        2       Parent=Smp_057060.1
SM_V9_1 iris    CDS     42410988        42411125        .       -
        2       Parent=Smp_057060.1
SM_V9_1 iris    CDS     42414143        42414358        .       -
        2       Parent=Smp_057060.1
SM_V9_1 iris    CDS     42415491        42415679        .       -
        2       Parent=Smp_057060.1
SM_V9_1 iris    CDS     42415714        42415923        .       -
        2       Parent=Smp_057060.1
SM_V9_1 iris    CDS     42415958        42416140        .       -
        2       Parent=Smp_057060.1
SM_V9_1 iris    CDS     42416181        42416379        .       -
        0       Parent=Smp_057060.1
SM_V9_1 iris    gene    42428430        42436064        .       +
        .
ID=Smp_152790;geneID=Smp_152790;gene_name=Smp_152790;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42428430        42436064        .       +
        .
ID=Smp_152790.1;Parent=Smp_152790;geneID=Smp_152790;gene_name=Smp_15
2790;owner=irisadmin@local.host;orig_id=Smp_152790.2;date_last_modif
ied=2022-08-02;Name=Smp_152790.1;product=Ras-related GTP-binding
protein A;date_creation=2022-07-28
SM_V9_1 iris    exon    42428430        42428495        .       +
        .
Parent=Smp_152790.1;Name=f564830b-6846-4ae4-9156-82efc036fe2c
SM_V9_1 iris    exon    42428529        42428628        .       +
        .       Parent=Smp_152790.1;Name=81decf28-
d9e1-4829-931e-4736aaa43c8c
SM_V9_1 iris    exon    42428667        42428733        .       +
        .
Parent=Smp_152790.1;Name=bcc6a03e-118a-4669-8ac0-2affae207164
SM_V9_1 iris    exon    42428768        42428990        .       +
        .       Parent=Smp_152790.1;Name=a2ddbdc0-153d-448a-
a401-66702b28a32b
SM_V9_1 iris    exon    42429659        42429921        .       +
        .       Parent=Smp_152790.1;Name=70a58dd5-
c295-40ef-9d7c-95004c88b1b8
SM_V9_1 iris    exon    42429966        42430129        .       +
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        .       Parent=Smp_152790.1;Name=58b50dd3-73e3-46dc-
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SM_V9_1 iris    exon    42435266        42436064        .       +
        .       Parent=Smp_152790.1;Name=81ec30fe-c9e8-47f4-
bbef-6cc874a1146e
SM_V9_1 iris    CDS     42428484        42428495        .       +
        0       Parent=Smp_152790.1
SM_V9_1 iris    CDS     42428529        42428628        .       +
        0       Parent=Smp_152790.1
SM_V9_1 iris    CDS     42428667        42428733        .       +
        2       Parent=Smp_152790.1
SM_V9_1 iris    CDS     42428768        42428990        .       +
        1       Parent=Smp_152790.1
SM_V9_1 iris    CDS     42429659        42429921        .       +
        0       Parent=Smp_152790.1
SM_V9_1 iris    CDS     42429966        42430129        .       +
        1       Parent=Smp_152790.1
SM_V9_1 iris    CDS     42435266        42435366        .       +
        2       Parent=Smp_152790.1
SM_V9_1 iris    gene    42440286        42474520        .       -
        .
ID=Smp_152800;geneID=Smp_152800;gene_name=Smp_152800;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42440286        42474520        .       -
        .
ID=Smp_152800.1;Parent=Smp_152800;geneID=Smp_152800;gene_name=Smp_15
2800;owner=irisadmin@local.host;orig_id=Smp_152800.2;date_last_modif
ied=2022-08-02;Name=Smp_152800.1;product=Exportin-5;date_creation=20
22-07-28
SM_V9_1 iris    exon    42440286        42440502        .       -
        .       Parent=Smp_152800.1;Name=43e6fe9b-
bff8-4c69-80ec-3ddbcd8bac1b
SM_V9_1 iris    exon    42445937        42446032        .       -
        .       Parent=Smp_152800.1;Name=70037357-ee61-4e47-a466-
ff29f79e4c39
SM_V9_1 iris    exon    42446934        42447221        .       -
        .       Parent=Smp_152800.1;Name=c0b58b33-5271-4523-a06c-
cfa21dadfe42
SM_V9_1 iris    exon    42448966        42449291        .       -
        .
Parent=Smp_152800.1;Name=efafee56-6dcc-44b0-931f-4b5c167480a0
SM_V9_1 iris    exon    42450589        42450683        .       -
        .       Parent=Smp_152800.1;Name=a64ee6f7-
e540-4c91-980d-0495575233a3
SM_V9_1 iris    exon    42451492        42451529        .       -
        .       Parent=Smp_152800.1;Name=756c06ab-c639-4e98-83c9-
f6dca54bcf7a
SM_V9_1 iris    exon    42452846        42452943        .       -
        .       Parent=Smp_152800.1;Name=7e9bbda4-
c7e0-4815-9732-13ee51430b75
SM_V9_1 iris    exon    42454357        42454567        .       -
        .       Parent=Smp_152800.1;Name=5f7353b2-6c7f-4d3c-8873-
f6289a328cab
SM_V9_1 iris    exon    42455775        42455901        .       -
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        .       Parent=Smp_152800.1;Name=61a7330c-5bf7-4a1f-88b5-
d1cd3b8380fd
SM_V9_1 iris    exon    42456021        42456082        .       -
        .       Parent=Smp_152800.1;Name=aee94526-7584-41b5-b71c-
edee4ff26a0d
SM_V9_1 iris    exon    42460447        42460744        .       -
        .
Parent=Smp_152800.1;Name=a40d6ca7-6945-4a09-8997-54946b4c321e
SM_V9_1 iris    exon    42460845        42460948        .       -
        .       Parent=Smp_152800.1;Name=240e84df-
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SM_V9_1 iris    exon    42461756        42461914        .       -
        .       Parent=Smp_152800.1;Name=e7724adb-afcd-4383-82fa-
c45eb26644a8
SM_V9_1 iris    exon    42462786        42463078        .       -
        .       Parent=Smp_152800.1;Name=adbaea8e-9ad9-483f-
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SM_V9_1 iris    exon    42463245        42463364        .       -
        .
Parent=Smp_152800.1;Name=d08da6fc-5e14-40ac-8cfa-7e9d1898071d
SM_V9_1 iris    exon    42465235        42465319        .       -
        .       Parent=Smp_152800.1;Name=eddd58b7-ff99-4ff4-
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SM_V9_1 iris    exon    42466232        42466357        .       -
        .       Parent=Smp_152800.1;Name=368600f9-ec86-4184-
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SM_V9_1 iris    exon    42467778        42468003        .       -
        .
Parent=Smp_152800.1;Name=9ef40bca-1c9d-488d-8646-73caabf5392d
SM_V9_1 iris    exon    42468082        42468434        .       -
        .       Parent=Smp_152800.1;Name=4c0d5a17-32ea-4604-
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SM_V9_1 iris    exon    42468473        42468652        .       -
        .       Parent=Smp_152800.1;Name=d2dbe334-a454-4d98-
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SM_V9_1 iris    exon    42468687        42468933        .       -
        .       Parent=Smp_152800.1;Name=4625c7f0-
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SM_V9_1 iris    exon    42468966        42469084        .       -
        .
Parent=Smp_152800.1;Name=0a569792-7fb3-4364-9f00-47a3bb9b43dd
SM_V9_1 iris    exon    42469120        42469222        .       -
        .       Parent=Smp_152800.1;Name=63e99f3d-03c5-49b9-
b1e5-451c5d968d3f
SM_V9_1 iris    exon    42474455        42474520        .       -
        .
Parent=Smp_152800.1;Name=5d927ae9-382a-4718-896a-45feb730fa94
SM_V9_1 iris    CDS     42440347        42440502        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42445937        42446032        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42446934        42447221        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42448966        42449291        .       -
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SM_V9_1 iris    CDS     42450589        42450683        .       -
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SM_V9_1 iris    CDS     42451492        42451529        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42452846        42452943        .       -
        2       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42454357        42454567        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42455775        42455901        .       -
        1       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42456021        42456082        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42460447        42460744        .       -
        1       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42460845        42460948        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42461756        42461914        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42462786        42463078        .       -
        2       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42463245        42463364        .       -
        2       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42465235        42465319        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42466232        42466357        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42467778        42468003        .       -
        1       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42468082        42468434        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42468473        42468652        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42468687        42468933        .       -
        1       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42468966        42469084        .       -
        0       Parent=Smp_152800.1
SM_V9_1 iris    CDS     42469120        42469203        .       -
        0       Parent=Smp_152800.1
SM_V9_1 Liftoff gene    42480260        42492154        .       +
        .       ID=Smp_057090;geneID=Smp_057090
SM_V9_1 Liftoff mRNA    42480260        42492154        .       +
        .
ID=Smp_057090.1;Parent=Smp_057090;geneID=Smp_057090;product=Radial
spoke head protein 4 homolog A;polypeptide_domain=InterPro:IPR006802
Pfam:PF04712
SM_V9_1 Liftoff exon    42480260        42480370        .       +
        .       Parent=Smp_057090.1
SM_V9_1 Liftoff exon    42480409        42480592        .       +
        .       Parent=Smp_057090.1
SM_V9_1 Liftoff exon    42480642        42480969        .       +
        .       Parent=Smp_057090.1
SM_V9_1 Liftoff exon    42484588        42484757        .       +
        .       Parent=Smp_057090.1
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SM_V9_1 Liftoff exon    42485757        42486073        .       +
        .       Parent=Smp_057090.1
SM_V9_1 Liftoff exon    42490724        42490987        .       +
        .       Parent=Smp_057090.1
SM_V9_1 Liftoff exon    42491686        42492154        .       +
        .       Parent=Smp_057090.1
SM_V9_1 Liftoff CDS     42480285        42480370        .       +
        0       Parent=Smp_057090.1
SM_V9_1 Liftoff CDS     42480409        42480592        .       +
        1       Parent=Smp_057090.1
SM_V9_1 Liftoff CDS     42480642        42480969        .       +
        0       Parent=Smp_057090.1
SM_V9_1 Liftoff CDS     42484588        42484757        .       +
        2       Parent=Smp_057090.1
SM_V9_1 Liftoff CDS     42485757        42486073        .       +
        0       Parent=Smp_057090.1
SM_V9_1 Liftoff CDS     42490724        42490987        .       +
        1       Parent=Smp_057090.1
SM_V9_1 Liftoff CDS     42491686        42491917        .       +
        1       Parent=Smp_057090.1
SM_V9_1 Liftoff gene    42497112        42499716        .       -
        .       ID=Smp_319000;geneID=Smp_319000
SM_V9_1 Liftoff mRNA    42497112        42499716        .       -
        .
ID=Smp_319000.1;Parent=Smp_319000;geneID=Smp_319000;product=Ribonucl
ease D
SM_V9_1 Liftoff exon    42497112        42497334        .       -
        .       Parent=Smp_319000.1
SM_V9_1 Liftoff exon    42499464        42499716        .       -
        .       Parent=Smp_319000.1
SM_V9_1 Liftoff CDS     42497167        42497334        .       -
        0       Parent=Smp_319000.1
SM_V9_1 Liftoff CDS     42499464        42499673        .       -
        0       Parent=Smp_319000.1
SM_V9_1 iris    gene    42508666        42533096        .       -
        .
ID=Smp_301570;geneID=Smp_301570;gene_name=Smp_301570;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42508666        42533096        .       -
        .
ID=Smp_301570.1;Parent=Smp_301570;geneID=Smp_301570;gene_name=Smp_30
1570;owner=irisadmin@local.host;orig_id=Smp_301570.2;date_last_modif
ied=2022-08-02;Name=Smp_301570.1;product=F-box/LRR-repeat protein
13;date_creation=2022-07-28
SM_V9_1 iris    exon    42508666        42508980        .       -
        .       Parent=Smp_301570.1;Name=3391faf0-6af1-4782-
a523-1c7dd4e4ad8f
SM_V9_1 iris    exon    42510172        42510252        .       -
        .
Parent=Smp_301570.1;Name=266ceace-2b99-4f27-9ea0-21d21d49df99
SM_V9_1 iris    exon    42511913        42511995        .       -
        .       Parent=Smp_301570.1;Name=bea16ad0-528d-4c0d-8fbc-
bb48b3398a17
SM_V9_1 iris    exon    42512049        42512129        .       -
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        .       Parent=Smp_301570.1;Name=4ae20a0e-09a3-4877-
bdaa-5db990f8e23c
SM_V9_1 iris    exon    42512181        42512318        .       -
        .
Parent=Smp_301570.1;Name=624d1bd2-3b36-4127-9e0b-61634b823156
SM_V9_1 iris    exon    42512890        42513016        .       -
        .       Parent=Smp_301570.1;Name=a887976d-688e-4651-
aa94-46d790ac3fba
SM_V9_1 iris    exon    42513160        42513353        .       -
        .       Parent=Smp_301570.1;Name=de7e65ca-d693-4684-
b8d1-8fd235f111c7
SM_V9_1 iris    exon    42513951        42514415        .       -
        .       Parent=Smp_301570.1;Name=972aa42c-d041-413d-
b395-87ad59d22062
SM_V9_1 iris    exon    42516070        42516168        .       -
        .       Parent=Smp_301570.1;Name=8ff50ecf-d0fb-41df-
a978-89412036fb52
SM_V9_1 iris    exon    42516787        42516916        .       -
        .       Parent=Smp_301570.1;Name=7feb0bd1-707a-443f-
b9ac-8cdbf69ad1dd
SM_V9_1 iris    exon    42518095        42518195        .       -
        .
Parent=Smp_301570.1;Name=f15f6d56-8415-4a40-8568-3a225067538d
SM_V9_1 iris    exon    42519465        42519627        .       -
        .       Parent=Smp_301570.1;Name=5aff51be-fbf4-4343-
b2db-38851d6c9935
SM_V9_1 iris    exon    42520403        42520524        .       -
        .
Parent=Smp_301570.1;Name=f4b5d4db-8cc2-4658-9b88-6c4bec04f87d
SM_V9_1 iris    exon    42521920        42522060        .       -
        .       Parent=Smp_301570.1;Name=c74df220-
a436-4d7e-9e4c-992033ee1b24
SM_V9_1 iris    exon    42523012        42523121        .       -
        .
Parent=Smp_301570.1;Name=573dfe0e-6594-4ba0-8525-40ae98df992d
SM_V9_1 iris    exon    42524000        42524154        .       -
        .       Parent=Smp_301570.1;Name=be8cbcc7-5e50-4409-9fd1-
e552abe29ed8
SM_V9_1 iris    exon    42525941        42526008        .       -
        .       Parent=Smp_301570.1;Name=c458c523-c141-4be8-
aca0-4ca5cf3e9cc0
SM_V9_1 iris    exon    42528395        42528421        .       -
        .       Parent=Smp_301570.1;Name=6cd1f99c-eaec-4055-ae60-
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SM_V9_1 iris    exon    42529171        42529264        .       -
        .
Parent=Smp_301570.1;Name=0a1db46a-4f77-4b3d-8ccf-9d5b829a9221
SM_V9_1 iris    exon    42530091        42530194        .       -
        .       Parent=Smp_301570.1;Name=d5d2516f-
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SM_V9_1 iris    exon    42532962        42533096        .       -
        .       Parent=Smp_301570.1;Name=6950090b-241d-4847-
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SM_V9_1 iris    CDS     42508875        42508980        .       -
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        1       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42510172        42510252        .       -
        1       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42511913        42511995        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42512049        42512129        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42512181        42512318        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42512890        42513016        .       -
        1       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42513160        42513353        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42513951        42514415        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42516070        42516168        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42516787        42516916        .       -
        1       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42518095        42518195        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42519465        42519627        .       -
        1       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42520403        42520524        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42521920        42522060        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42523012        42523121        .       -
        2       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42524000        42524154        .       -
        1       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42525941        42526008        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42528395        42528421        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42529171        42529264        .       -
        1       Parent=Smp_301570.1
SM_V9_1 iris    CDS     42530091        42530170        .       -
        0       Parent=Smp_301570.1
SM_V9_1 iris    gene    42533144        42538894        .       -
        .
ID=Smp_197230;geneID=Smp_197230;gene_name=Smp_197230;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42533144        42538894        .       -
        .
ID=Smp_197230.1;Parent=Smp_197230;geneID=Smp_197230;gene_name=Smp_19
7230;owner=irisadmin@local.host;orig_id=Smp_197230.1;date_last_modif
ied=2022-08-02;Name=Smp_197230.1;product=Adenylate kinase
8;date_creation=2022-07-28
SM_V9_1 iris    exon    42533144        42533670        .       -
        .       Parent=Smp_197230.1;Name=5fff5d5d-580a-4885-
a532-603aaca0c5a6
SM_V9_1 iris    exon    42534146        42534568        .       -
        .       Parent=Smp_197230.1;Name=c946778c-
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b8d6-4dc1-8095-9bdae5a3efff
SM_V9_1 iris    exon    42534609        42534680        .       -
        .       Parent=Smp_197230.1;Name=b6f37ebc-bf08-4d86-
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SM_V9_1 iris    exon    42534722        42534872        .       -
        .       Parent=Smp_197230.1;Name=42f1713e-9417-437c-9ac2-
b3b44615cb39
SM_V9_1 iris    exon    42538502        42538629        .       -
        .       Parent=Smp_197230.1;Name=b87b32af-
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SM_V9_1 iris    exon    42538662        42538894        .       -
        .       Parent=Smp_197230.1;Name=52f128ac-7ae7-4e89-b6d5-
a779c2965902
SM_V9_1 iris    CDS     42533201        42533670        .       -
        2       Parent=Smp_197230.1
SM_V9_1 iris    CDS     42534146        42534568        .       -
        2       Parent=Smp_197230.1
SM_V9_1 iris    CDS     42534609        42534680        .       -
        2       Parent=Smp_197230.1
SM_V9_1 iris    CDS     42534722        42534872        .       -
        0       Parent=Smp_197230.1
SM_V9_1 iris    CDS     42538502        42538573        .       -
        0       Parent=Smp_197230.1
SM_V9_1 iris    gene    42554369        42556896        .       +
        .
ID=Smp_200960;geneID=Smp_200960;gene_name=Smp_200960;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    42554369        42556896        .       +
        .
ID=Smp_200960.1;Parent=Smp_200960;geneID=Smp_200960;gene_name=Smp_20
0960;owner=irisadmin@local.host;orig_id=Smp_200960.1;date_last_modif
ied=2022-08-02;Name=Smp_200960.1;product=Hypothetical
protein;date_creation=2022-08-02
SM_V9_1 iris    exon    42554369        42554866        .       +
        .
Parent=Smp_200960.1;Name=665d99db-9959-41fc-94c4-8c6875048817
SM_V9_1 iris    exon    42555860        42556896        .       +
        .       Parent=Smp_200960.1;Name=1255e165-
b9f5-4fda-9d33-29a1a58a4bb0
SM_V9_1 iris    CDS     42554424        42554866        .       +
        0       Parent=Smp_200960.1
SM_V9_1 iris    CDS     42555860        42555998        .       +
        1       Parent=Smp_200960.1
SM_V9_1 iris    gene    42558838        42576618        .       -
        .
ID=Smp_057120;geneID=Smp_057120;gene_name=Smp_057120;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42558838        42576618        .       -
        .
ID=Smp_057120.1;Parent=Smp_057120;geneID=Smp_057120;gene_name=Smp_05
7120;owner=irisadmin@local.host;orig_id=Smp_057120.1;date_last_modif
ied=2022-08-02;Name=Smp_057120.1;product=GRB10-interacting GYF
protein 2;date_creation=2022-07-28
SM_V9_1 iris    exon    42558838        42560976        .       -
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        .       Parent=Smp_057120.1;Name=4c1abe0f-0e25-4b85-
bc36-9227b07bef27
SM_V9_1 iris    exon    42562771        42563049        .       -
        .       Parent=Smp_057120.1;Name=acda2cfd-b9ab-4a0a-
bc17-31dbe995a34d
SM_V9_1 iris    exon    42565553        42565940        .       -
        .       Parent=Smp_057120.1;Name=246a0ad9-1284-425e-b144-
ba0c996a168a
SM_V9_1 iris    exon    42566602        42566819        .       -
        .       Parent=Smp_057120.1;Name=c90cca8e-
d0ac-4e6c-8f48-09a4ee6d6f97
SM_V9_1 iris    exon    42567385        42567990        .       -
        .       Parent=Smp_057120.1;Name=a543ae60-09f1-4390-ac5b-
b88f88c03436
SM_V9_1 iris    exon    42568221        42568522        .       -
        .       Parent=Smp_057120.1;Name=448638e1-
c171-48af-9910-53926af55f9b
SM_V9_1 iris    exon    42569509        42569740        .       -
        .       Parent=Smp_057120.1;Name=7e409301-f345-4673-
ba3e-8b08c3a80104
SM_V9_1 iris    exon    42571554        42571817        .       -
        .       Parent=Smp_057120.1;Name=b3ef2750-5c8a-4423-b768-
fce987ea8287
SM_V9_1 iris    exon    42573498        42573776        .       -
        .       Parent=Smp_057120.1;Name=77bc63ed-396b-473b-
a69c-62151cf1d6a8
SM_V9_1 iris    exon    42574838        42575060        .       -
        .       Parent=Smp_057120.1;Name=08b362ea-98a6-4411-
b296-44db0a8b5ad7
SM_V9_1 iris    exon    42576115        42576193        .       -
        .       Parent=Smp_057120.1;Name=79e273f9-0954-47eb-bdf1-
fa99c73788a2
SM_V9_1 iris    exon    42576230        42576618        .       -
        .       Parent=Smp_057120.1;Name=f4b0c685-2d1a-4516-
a743-7cd0c1784c0f
SM_V9_1 iris    CDS     42560629        42560976        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42562771        42563049        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42565553        42565940        .       -
        1       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42566602        42566819        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42567385        42567990        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42568221        42568522        .       -
        2       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42569509        42569740        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42571554        42571817        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42573498        42573776        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42574838        42575060        .       -
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        1       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42576115        42576193        .       -
        2       Parent=Smp_057120.1
SM_V9_1 iris    CDS     42576230        42576422        .       -
        0       Parent=Smp_057120.1
SM_V9_1 iris    mRNA    42558838        42576618        .       -
        .
ID=Smp_057120.2;Parent=Smp_057120;geneID=Smp_057120;gene_name=Smp_05
7120;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
mp_057120.2;product=GRB10-interacting GYF protein
2;date_creation=2022-08-15
SM_V9_1 iris    exon    42558838        42559508        .       -
        .       Parent=Smp_057120.2;Name=8b18b150-d234-4b3e-b289-
c966c119fa04
SM_V9_1 iris    exon    42560650        42560976        .       -
        .       Parent=Smp_057120.2;Name=ec1f4bd6-3852-4099-
a7f0-32349b02ac4d
SM_V9_1 iris    exon    42562771        42563049        .       -
        .       Parent=Smp_057120.2;Name=48d0c217-1589-484d-8f1b-
dab3d4ed3594
SM_V9_1 iris    exon    42565553        42565940        .       -
        .       Parent=Smp_057120.2;Name=3a01fd9f-
a4a0-4348-85ae-15131aaf6115
SM_V9_1 iris    exon    42566602        42566819        .       -
        .       Parent=Smp_057120.2;Name=5f3d832b-4694-450d-a262-
ab32d54af2bf
SM_V9_1 iris    exon    42567385        42567990        .       -
        .       Parent=Smp_057120.2;Name=0af21eee-4d19-42e8-
aa49-30140db955fe
SM_V9_1 iris    exon    42568221        42568522        .       -
        .       Parent=Smp_057120.2;Name=d83f966a-065d-47af-9e22-
a4fa9d8aa5e6
SM_V9_1 iris    exon    42569509        42569740        .       -
        .       Parent=Smp_057120.2;Name=b1517979-1e65-4d84-9572-
ea51600b5a31
SM_V9_1 iris    exon    42571554        42571817        .       -
        .       Parent=Smp_057120.2;Name=e9c9f091-8367-4b27-880c-
f72d4e822376
SM_V9_1 iris    exon    42573498        42573776        .       -
        .
Parent=Smp_057120.2;Name=1e740169-6461-48dc-9e7a-4a29fab70d93
SM_V9_1 iris    exon    42574838        42575060        .       -
        .       Parent=Smp_057120.2;Name=3b146a1a-
a893-4e7b-9127-65bf523c764f
SM_V9_1 iris    exon    42576115        42576193        .       -
        .       Parent=Smp_057120.2;Name=9874ec8e-
a066-4588-9aad-697e15976b74
SM_V9_1 iris    exon    42576230        42576618        .       -
        .       Parent=Smp_057120.2;Name=3860053b-07c6-4526-b4d0-
d586ca878680
SM_V9_1 iris    CDS     42559446        42559508        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42560650        42560976        .       -
        0       Parent=Smp_057120.2
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SM_V9_1 iris    CDS     42562771        42563049        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42565553        42565940        .       -
        1       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42566602        42566819        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42567385        42567990        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42568221        42568522        .       -
        2       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42569509        42569740        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42571554        42571817        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42573498        42573776        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42574838        42575060        .       -
        1       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42576115        42576193        .       -
        2       Parent=Smp_057120.2
SM_V9_1 iris    CDS     42576230        42576422        .       -
        0       Parent=Smp_057120.2
SM_V9_1 iris    gene    42595969        42604678        .       -
        .
ID=Smp_319010;geneID=Smp_319010;gene_name=Smp_319010;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42595969        42604678        .       -
        .
ID=Smp_319010.1;Parent=Smp_319010;geneID=Smp_319010;gene_name=Smp_31
9010;owner=irisadmin@local.host;orig_id=Smp_319010.1;date_last_modif
ied=2022-08-02;Name=Smp_319010.1;product=Clusterin-like protein
1;date_creation=2022-07-28
SM_V9_1 iris    exon    42595969        42596885        .       -
        .       Parent=Smp_319010.1;Name=ba2cad71-ebf8-49ab-8f29-
c992439a6db7
SM_V9_1 iris    exon    42597557        42597796        .       -
        .       Parent=Smp_319010.1;Name=c29e0d5b-507a-4c7e-b08f-
ce5de347025b
SM_V9_1 iris    exon    42600752        42604678        .       -
        .       Parent=Smp_319010.1;Name=bc00a891-4e74-4806-b9a4-
b6eaf2f34f49
SM_V9_1 iris    CDS     42596757        42596885        .       -
        0       Parent=Smp_319010.1
SM_V9_1 iris    CDS     42597557        42597796        .       -
        0       Parent=Smp_319010.1
SM_V9_1 iris    CDS     42600752        42600754        .       -
        0       Parent=Smp_319010.1
SM_V9_1 iris    gene    42619856        42634833        .       +
        .
ID=Smp_337800;geneID=Smp_337800;gene_name=Smp_337800;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    42619856        42634833        .       +
        .
ID=Smp_337800.1;Parent=Smp_337800;geneID=Smp_337800;gene_name=Smp_33
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7800;owner=irisadmin@local.host;orig_id=Smp_337800.2;date_last_modif
ied=2022-08-02;Name=Smp_337800.1;product=Bromodomain-containing
protein 8;date_creation=2022-08-02
SM_V9_1 iris    exon    42619856        42620050        .       +
        .
Parent=Smp_337800.1;Name=3b71c7c7-3a19-45a8-8750-2ed419f7c501
SM_V9_1 iris    exon    42620087        42620133        .       +
        .       Parent=Smp_337800.1;Name=a2de07b5-0257-4c9d-bb19-
d4f3d1e5e482
SM_V9_1 iris    exon    42620170        42620283        .       +
        .
Parent=Smp_337800.1;Name=ca757b7d-3c05-4412-8452-651d8f1f3589
SM_V9_1 iris    exon    42620320        42620391        .       +
        .
Parent=Smp_337800.1;Name=d4e66ce9-1f9a-4602-99b4-2c0d574b69f3
SM_V9_1 iris    exon    42620427        42620701        .       +
        .
Parent=Smp_337800.1;Name=4861ea88-3547-4a08-9ea7-3fabd2ba4975
SM_V9_1 iris    exon    42623557        42623645        .       +
        .       Parent=Smp_337800.1;Name=dcef2bbc-a61a-4e31-
bbd9-5e0e21aed14e
SM_V9_1 iris    exon    42624154        42624511        .       +
        .
Parent=Smp_337800.1;Name=ad505adc-71e4-40f1-85ab-33713c257a91
SM_V9_1 iris    exon    42624975        42625411        .       +
        .       Parent=Smp_337800.1;Name=311589b7-9bc9-44d4-
b780-48c676cf1b29
SM_V9_1 iris    exon    42628030        42628266        .       +
        .       Parent=Smp_337800.1;Name=e9d029ef-
ddd7-4e98-9b3e-2f6c39c998e3
SM_V9_1 iris    exon    42634527        42634833        .       +
        .       Parent=Smp_337800.1;Name=2ab9231f-
f608-488b-9e74-70dc7ca4e118
SM_V9_1 iris    CDS     42619907        42620050        .       +
        0       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42620087        42620133        .       +
        0       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42620170        42620283        .       +
        1       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42620320        42620391        .       +
        1       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42620427        42620701        .       +
        1       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42623557        42623645        .       +
        2       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42624154        42624511        .       +
        0       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42624975        42625411        .       +
        2       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42628030        42628266        .       +
        0       Parent=Smp_337800.1
SM_V9_1 iris    CDS     42634527        42634619        .       +
        0       Parent=Smp_337800.1
SM_V9_1 iris    gene    42634762        42638755        .       +
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        .
ID=Smp_337805;geneID=Smp_337805;gene_name=Smp_337805;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    42634762        42638755        .       +
        .
ID=Smp_337805.1;Parent=Smp_337805;geneID=Smp_337805;gene_name=Smp_33
7805;owner=irisadmin@local.host;orig_id=Smp_337800.3;date_last_modif
ied=2022-08-02;Name=Smp_337805.1;date_creation=2022-08-02
SM_V9_1 iris    exon    42634762        42634833        .       +
        .       Parent=Smp_337805.1;Name=1c1c1283-
c9f6-494a-8f35-3ebfddf0db57
SM_V9_1 iris    exon    42636075        42636289        .       +
        .       Parent=Smp_337805.1;Name=e7794817-f66e-4846-9d40-
eaf427e1dead
SM_V9_1 iris    exon    42637998        42638755        .       +
        .       Parent=Smp_337805.1;Name=eb73f646-3098-47b6-aa9e-
f67762f785c6
SM_V9_1 iris    CDS     42634771        42634833        .       +
        0       Parent=Smp_337805.1
SM_V9_1 iris    CDS     42636075        42636289        .       +
        0       Parent=Smp_337805.1
SM_V9_1 iris    CDS     42637998        42638277        .       +
        1       Parent=Smp_337805.1
SM_V9_1 iris    gene    42649249        42664000        .       +
        .
ID=Smp_210470;geneID=Smp_210470;gene_name=Smp_210470;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42649249        42664000        .       +
        .
ID=Smp_210470.1;Parent=Smp_210470;geneID=Smp_210470;gene_name=Smp_21
0470;owner=irisadmin@local.host;orig_id=Smp_210470.1;date_last_modif
ied=2022-08-02;Name=Smp_210470.1;product=TBC1 domain family member
13;date_creation=2022-07-28
SM_V9_1 iris    exon    42649249        42649318        .       +
        .       Parent=Smp_210470.1;Name=f4896bd5-
b07a-44ea-8298-48d6b3e5f515
SM_V9_1 iris    exon    42651131        42651229        .       +
        .       Parent=Smp_210470.1;Name=3b952f0b-f8d2-4394-
bba9-9582e8436aa6
SM_V9_1 iris    exon    42651264        42651378        .       +
        .       Parent=Smp_210470.1;Name=a3b5df3b-60bd-4cee-
a584-903c231e3bcb
SM_V9_1 iris    exon    42651405        42651539        .       +
        .       Parent=Smp_210470.1;Name=2263b58b-6e66-45ab-bae1-
e38be28cb053
SM_V9_1 iris    exon    42651578        42651781        .       +
        .       Parent=Smp_210470.1;Name=abb3b311-fdac-474f-
a4c5-26e2ae5a297f
SM_V9_1 iris    exon    42652822        42653128        .       +
        .       Parent=Smp_210470.1;Name=f1e4019c-a1e6-4124-9f6a-
c43133253d0b
SM_V9_1 iris    exon    42654256        42654357        .       +
        .       Parent=Smp_210470.1;Name=61c3f875-f0aa-4a8e-9760-
e22424676de7
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SM_V9_1 iris    exon    42655270        42655413        .       +
        .       Parent=Smp_210470.1;Name=de08833c-09c4-4452-
ad77-55f7c5f539f1
SM_V9_1 iris    exon    42659944        42660025        .       +
        .       Parent=Smp_210470.1;Name=2726ac45-17e8-4c3f-
bc06-5ddf456e8c9e
SM_V9_1 iris    exon    42661095        42661152        .       +
        .
Parent=Smp_210470.1;Name=9023d259-308f-43a3-8a28-90d75ac8790d
SM_V9_1 iris    exon    42663224        42664000        .       +
        .       Parent=Smp_210470.1;Name=f42f2362-6f23-4585-87d0-
ab3f3743aeb1
SM_V9_1 iris    CDS     42651210        42651229        .       +
        0       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42651264        42651378        .       +
        1       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42651405        42651539        .       +
        0       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42651578        42651781        .       +
        0       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42652822        42653128        .       +
        0       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42654256        42654357        .       +
        2       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42655270        42655413        .       +
        2       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42659944        42660025        .       +
        2       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42661095        42661152        .       +
        1       Parent=Smp_210470.1
SM_V9_1 iris    CDS     42663224        42663298        .       +
        0       Parent=Smp_210470.1
SM_V9_1 Liftoff gene    42677257        42766097        .       -
        .       ID=Smp_152830;geneID=Smp_152830
SM_V9_1 Liftoff mRNA    42677257        42766097        .       -
        .
ID=Smp_152830.1;Parent=Smp_152830;geneID=Smp_152830;product=Sodium/
calcium exchanger
1;polypeptide_domain=InterPro:IPR003644,IPR004836,IPR004837,IPR03245
2
Pfam:PF01699,PF03160,PF16494;Ontology_term=GO:0005432,GO:0006816,GO:
0007154,GO:0016020,GO:0016021,GO:0055085
SM_V9_1 Liftoff exon    42677257        42680082        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff exon    42681047        42681205        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff exon    42685869        42685979        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff exon    42688484        42688583        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff exon    42695851        42696062        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff exon    42698617        42698637        .       -
        .       Parent=Smp_152830.1
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SM_V9_1 Liftoff exon    42712324        42712421        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff exon    42763129        42763243        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff exon    42764376        42766097        .       -
        .       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42679706        42680082        .       -
        2       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42681047        42681205        .       -
        2       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42685869        42685979        .       -
        2       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42688484        42688583        .       -
        0       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42695851        42696062        .       -
        2       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42698617        42698637        .       -
        2       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42712324        42712421        .       -
        1       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42763129        42763243        .       -
        2       Parent=Smp_152830.1
SM_V9_1 Liftoff CDS     42764376        42765933        .       -
        0       Parent=Smp_152830.1
SM_V9_1 Liftoff mRNA    42677257        42766097        .       -
        .
ID=Smp_152830.2;Parent=Smp_152830;geneID=Smp_152830;product=Sodium/
calcium exchanger
1;polypeptide_domain=InterPro:IPR003644,IPR004836,IPR004837,IPR03245
2
Pfam:PF01699,PF03160,PF16494;Ontology_term=GO:0005432,GO:0006816,GO:
0007154,GO:0016020,GO:0016021,GO:0055085
SM_V9_1 Liftoff exon    42677257        42680082        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff exon    42681047        42681205        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff exon    42685869        42685979        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff exon    42688484        42688583        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff exon    42695851        42696062        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff exon    42712324        42712421        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff exon    42763129        42763243        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff exon    42764376        42766097        .       -
        .       Parent=Smp_152830.2
SM_V9_1 Liftoff CDS     42679706        42680082        .       -
        2       Parent=Smp_152830.2
SM_V9_1 Liftoff CDS     42681047        42681205        .       -
        2       Parent=Smp_152830.2
SM_V9_1 Liftoff CDS     42685869        42685979        .       -
        2       Parent=Smp_152830.2
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SM_V9_1 Liftoff CDS     42688484        42688583        .       -
        0       Parent=Smp_152830.2
SM_V9_1 Liftoff CDS     42695851        42696062        .       -
        2       Parent=Smp_152830.2
SM_V9_1 Liftoff CDS     42712324        42712421        .       -
        1       Parent=Smp_152830.2
SM_V9_1 Liftoff CDS     42763129        42763243        .       -
        2       Parent=Smp_152830.2
SM_V9_1 Liftoff CDS     42764376        42765933        .       -
        0       Parent=Smp_152830.2
SM_V9_1 Liftoff mRNA    42677257        42766097        .       -
        .
ID=Smp_152830.3;Parent=Smp_152830;geneID=Smp_152830;product=Sodium/
calcium exchanger
1;polypeptide_domain=InterPro:IPR003644,IPR004836,IPR004837,IPR03245
2
Pfam:PF01699,PF03160,PF16494;Ontology_term=GO:0005432,GO:0006816,GO:
0007154,GO:0016020,GO:0016021,GO:0055085
SM_V9_1 Liftoff exon    42677257        42680082        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42681047        42681205        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42685869        42685979        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42688484        42688583        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42695851        42696062        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42706570        42706581        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42712324        42712421        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42763129        42763243        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff exon    42764376        42766097        .       -
        .       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42679706        42680082        .       -
        2       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42681047        42681205        .       -
        2       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42685869        42685979        .       -
        2       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42688484        42688583        .       -
        0       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42695851        42696062        .       -
        2       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42706570        42706581        .       -
        2       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42712324        42712421        .       -
        1       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42763129        42763243        .       -
        2       Parent=Smp_152830.3
SM_V9_1 Liftoff CDS     42764376        42765933        .       -
        0       Parent=Smp_152830.3
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SM_V9_1 iris    gene    42777431        42822158        .       +
        .
ID=Smp_152840;geneID=Smp_152840;gene_name=Smp_152840;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42777431        42822158        .       +
        .
ID=Smp_152840.1;Parent=Smp_152840;geneID=Smp_152840;gene_name=Smp_15
2840;owner=irisadmin@local.host;orig_id=Smp_152840.1;date_last_modif
ied=2022-08-02;Name=Smp_152840.1;product=ATP-dependent RNA helicase
DHX36;date_creation=2022-07-28
SM_V9_1 iris    exon    42777431        42777559        .       +
        .       Parent=Smp_152840.1;Name=3026f5a2-dea0-4b51-8290-
c77ada4097b5
SM_V9_1 iris    exon    42777597        42777694        .       +
        .       Parent=Smp_152840.1;Name=f71f6c95-7671-4ec7-98f3-
ac6791bcbf01
SM_V9_1 iris    exon    42782576        42782956        .       +
        .       Parent=Smp_152840.1;Name=0029d37e-829b-4660-ab9f-
c10bb492ae9b
SM_V9_1 iris    exon    42783555        42783887        .       +
        .       Parent=Smp_152840.1;Name=953faea7-
e61e-4d8d-8e69-7d0223563bef
SM_V9_1 iris    exon    42784499        42784655        .       +
        .       Parent=Smp_152840.1;Name=da3b2048-36e9-47c9-
b153-23cd5aa3d464
SM_V9_1 iris    exon    42786494        42786575        .       +
        .       Parent=Smp_152840.1;Name=6df8c75e-70cc-4a66-ba4e-
ec881a51110a
SM_V9_1 iris    exon    42787383        42787541        .       +
        .       Parent=Smp_152840.1;Name=d3015ce6-
b31e-47b4-90d2-01e1d3dbf834
SM_V9_1 iris    exon    42790999        42791140        .       +
        .       Parent=Smp_152840.1;Name=223b5717-4c62-4b1e-8c13-
ad3a1a9c9b72
SM_V9_1 iris    exon    42794185        42794369        .       +
        .
Parent=Smp_152840.1;Name=57dcda0e-001f-4d90-9148-121db8572451
SM_V9_1 iris    exon    42795742        42795885        .       +
        .       Parent=Smp_152840.1;Name=69ae39c6-4257-4c14-
ad6f-4cce7f1ffbb6
SM_V9_1 iris    exon    42800379        42800499        .       +
        .       Parent=Smp_152840.1;Name=8208d984-1481-4a46-95fb-
adec0033474b
SM_V9_1 iris    exon    42802840        42803379        .       +
        .       Parent=Smp_152840.1;Name=8fd0c1c6-d5a8-4e69-
bc4e-5724b9645045
SM_V9_1 iris    exon    42805276        42805353        .       +
        .       Parent=Smp_152840.1;Name=fa2db23a-9b90-44cd-a359-
e818ee76a06e
SM_V9_1 iris    exon    42809632        42809731        .       +
        .
Parent=Smp_152840.1;Name=993a1df5-3553-47ef-96ec-0b34c8d1fc1d
SM_V9_1 iris    exon    42812208        42812283        .       +
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Parent=Smp_152840.1;Name=3f109809-6b9b-4075-9baf-78bfb80ded42
SM_V9_1 iris    exon    42815472        42815622        .       +
        .
Parent=Smp_152840.1;Name=ba3eb87e-6135-4f2a-803c-0ac648ef7c58
SM_V9_1 iris    exon    42818244        42818321        .       +
        .       Parent=Smp_152840.1;Name=0117d4f7-abac-4e4e-
b9f6-6218e634505e
SM_V9_1 iris    exon    42819994        42820068        .       +
        .       Parent=Smp_152840.1;Name=586cb2e1-9386-4868-
ab69-057de205cd18
SM_V9_1 iris    exon    42821884        42822158        .       +
        .       Parent=Smp_152840.1;Name=65434ff9-dea6-49a5-
a33f-79bfccd38b3f
SM_V9_1 iris    CDS     42777490        42777559        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42777597        42777694        .       +
        2       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42782576        42782956        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42783555        42783887        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42784499        42784655        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42786494        42786575        .       +
        2       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42787383        42787541        .       +
        1       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42790999        42791140        .       +
        1       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42794185        42794369        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42795742        42795885        .       +
        1       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42800379        42800499        .       +
        1       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42802840        42803379        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42805276        42805353        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42809632        42809731        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42812208        42812283        .       +
        2       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42815472        42815622        .       +
        1       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42818244        42818321        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42819994        42820068        .       +
        0       Parent=Smp_152840.1
SM_V9_1 iris    CDS     42821884        42822045        .       +
        0       Parent=Smp_152840.1
SM_V9_1 Liftoff gene    42826079        42828487        .       -
        .       ID=Smp_057210;geneID=Smp_057210
SM_V9_1 Liftoff mRNA    42826079        42828487        .       -
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        .
ID=Smp_057210.1;Parent=Smp_057210;geneID=Smp_057210;product=Leucine-
rich repeat, immunoglobulin-like domain and transmembrane domain-
containing protein
1;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR007110,IPR01378
3,IPR032675;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    42826079        42828487        .       -
        .       Parent=Smp_057210.1
SM_V9_1 Liftoff CDS     42826135        42828354        .       -
        0       Parent=Smp_057210.1
SM_V9_1 Liftoff gene    42843221        42853136        .       +
        .       ID=Smp_152850;geneID=Smp_152850
SM_V9_1 Liftoff mRNA    42843221        42853136        .       +
        .
ID=Smp_152850.1;Parent=Smp_152850;geneID=Smp_152850;product=Peptidyl
-prolyl cis-trans isomerase
FKBP4;polypeptide_domain=InterPro:IPR011990,IPR019734
Pfam:PF13181;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    42843221        42848166        .       +
        .       Parent=Smp_152850.1
SM_V9_1 Liftoff exon    42848205        42848288        .       +
        .       Parent=Smp_152850.1
SM_V9_1 Liftoff exon    42850965        42851276        .       +
        .       Parent=Smp_152850.1
SM_V9_1 Liftoff exon    42851756        42852007        .       +
        .       Parent=Smp_152850.1
SM_V9_1 Liftoff exon    42852834        42853136        .       +
        .       Parent=Smp_152850.1
SM_V9_1 Liftoff CDS     42848029        42848166        .       +
        0       Parent=Smp_152850.1
SM_V9_1 Liftoff CDS     42848205        42848288        .       +
        0       Parent=Smp_152850.1
SM_V9_1 Liftoff CDS     42850965        42851276        .       +
        0       Parent=Smp_152850.1
SM_V9_1 Liftoff CDS     42851756        42852007        .       +
        0       Parent=Smp_152850.1
SM_V9_1 Liftoff CDS     42852834        42853043        .       +
        0       Parent=Smp_152850.1
SM_V9_1 iris    gene    42853144        42867947        .       -
        .
ID=Smp_057230;geneID=Smp_057230;gene_name=Smp_057230;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42853144        42867947        .       -
        .
ID=Smp_057230.1;Parent=Smp_057230;geneID=Smp_057230;gene_name=Smp_05
7230;owner=irisadmin@local.host;orig_id=Smp_057230.1;date_last_modif
ied=2022-08-02;Name=Smp_057230.1;product=Serine--tRNA ligase,
mitochondrial;date_creation=2022-07-28
SM_V9_1 iris    exon    42853144        42853285        .       -
        .       Parent=Smp_057230.1;Name=76ce5b60-e578-4ec3-983b-
a7de9403790e
SM_V9_1 iris    exon    42853823        42853888        .       -
        .       Parent=Smp_057230.1;Name=870b0143-
ca17-4141-8ac6-0ac7dd9fc188
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SM_V9_1 iris    exon    42855400        42855492        .       -
        .       Parent=Smp_057230.1;Name=51057034-30cf-4bfc-
b89e-2faab295164c
SM_V9_1 iris    exon    42856762        42856855        .       -
        .
Parent=Smp_057230.1;Name=90740e42-0d08-4649-86f8-23830f5632af
SM_V9_1 iris    exon    42858612        42858721        .       -
        .       Parent=Smp_057230.1;Name=7d6af9e8-
e729-4957-9bd9-536395e243b0
SM_V9_1 iris    exon    42861696        42861932        .       -
        .       Parent=Smp_057230.1;Name=63e2a092-4d51-4a68-
b5c1-30a95d4c460e
SM_V9_1 iris    exon    42863327        42863637        .       -
        .       Parent=Smp_057230.1;Name=8c28cc93-3605-4aae-a03d-
f813f69c5865
SM_V9_1 iris    exon    42864058        42864115        .       -
        .       Parent=Smp_057230.1;Name=0c9f9575-b2df-4d57-
afaa-95446b307110
SM_V9_1 iris    exon    42864213        42864314        .       -
        .       Parent=Smp_057230.1;Name=203f9c3e-fcf4-47ed-
b7cc-4669951e8de8
SM_V9_1 iris    exon    42867697        42867947        .       -
        .       Parent=Smp_057230.1;Name=8403d22c-2802-455d-
bf61-46306075d5cf
SM_V9_1 iris    CDS     42853184        42853285        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42853823        42853888        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42855400        42855492        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42856762        42856855        .       -
        1       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42858612        42858721        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42861696        42861932        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42863327        42863637        .       -
        2       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42864058        42864115        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42864213        42864314        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    CDS     42867697        42867921        .       -
        0       Parent=Smp_057230.1
SM_V9_1 iris    gene    42871995        42905289        .       -
        .
ID=Smp_152860;geneID=Smp_152860;gene_name=Smp_152860;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42871995        42905289        .       -
        .
ID=Smp_152860.1;Parent=Smp_152860;geneID=Smp_152860;gene_name=Smp_15
2860;owner=irisadmin@local.host;orig_id=Smp_152860.1;date_last_modif
ied=2022-08-02;Name=Smp_152860.1;product=Tetratricopeptide repeat
protein 27;date_creation=2022-07-28
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SM_V9_1 iris    exon    42871995        42872163        .       -
        .       Parent=Smp_152860.1;Name=28ef338b-
ca24-437e-97dc-96c26191e6a5
SM_V9_1 iris    exon    42873073        42873321        .       -
        .
Parent=Smp_152860.1;Name=1da80a92-8796-4cb2-9825-92d55e98a152
SM_V9_1 iris    exon    42880311        42880397        .       -
        .       Parent=Smp_152860.1;Name=953c62ae-
e261-4958-8161-61aa99e2a7e6
SM_V9_1 iris    exon    42881560        42881760        .       -
        .
Parent=Smp_152860.1;Name=88424547-08e9-4fb1-8c34-6d8ca969e277
SM_V9_1 iris    exon    42885119        42885197        .       -
        .       Parent=Smp_152860.1;Name=8137ea6b-1ee9-4ed1-
b82c-91932f370ead
SM_V9_1 iris    exon    42885549        42885601        .       -
        .       Parent=Smp_152860.1;Name=af9ad6c4-41f1-4fbe-
b455-1dd25b8147f0
SM_V9_1 iris    exon    42888208        42888306        .       -
        .       Parent=Smp_152860.1;Name=e2cc7126-7b46-4885-9445-
a7306977729a
SM_V9_1 iris    exon    42890363        42890419        .       -
        .       Parent=Smp_152860.1;Name=37bde731-4b63-46ec-bda4-
dedafefc66b9
SM_V9_1 iris    exon    42890471        42890647        .       -
        .       Parent=Smp_152860.1;Name=7dd93a3e-0157-41c4-
a7f2-6467d5042afa
SM_V9_1 iris    exon    42893704        42893826        .       -
        .       Parent=Smp_152860.1;Name=0addc06f-4d09-46d3-9d97-
b355d57622a0
SM_V9_1 iris    exon    42902139        42902237        .       -
        .       Parent=Smp_152860.1;Name=fc3d625b-d4e8-43b4-9bcf-
d4a5fa248ba5
SM_V9_1 iris    exon    42902290        42902503        .       -
        .       Parent=Smp_152860.1;Name=790383c3-1b8d-418f-
a6d7-836765fea734
SM_V9_1 iris    exon    42902541        42902647        .       -
        .       Parent=Smp_152860.1;Name=5317236a-3786-4e23-
b55a-4e0e6e16e1cc
SM_V9_1 iris    exon    42902684        42902802        .       -
        .       Parent=Smp_152860.1;Name=cbcb1d75-9d18-4c4b-
abb9-32d037459839
SM_V9_1 iris    exon    42902840        42902995        .       -
        .       Parent=Smp_152860.1;Name=dce925ef-380b-4bb5-a004-
e5851b0a0bb2
SM_V9_1 iris    exon    42903033        42903144        .       -
        .       Parent=Smp_152860.1;Name=16489cf5-e600-4995-9a00-
cf5bf3be6134
SM_V9_1 iris    exon    42903184        42903412        .       -
        .
Parent=Smp_152860.1;Name=5ec73ef8-1f5e-486e-86ad-4245b4507639
SM_V9_1 iris    exon    42903447        42903583        .       -
        .       Parent=Smp_152860.1;Name=a4b49756-1ab0-410f-
bcb7-34474b322a57
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SM_V9_1 iris    exon    42905248        42905289        .       -
        .       Parent=Smp_152860.1;Name=783f84ba-374e-48bf-
b004-28ac86ad4150
SM_V9_1 iris    CDS     42872059        42872163        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42873073        42873321        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42880311        42880397        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42881560        42881760        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42885119        42885197        .       -
        1       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42885549        42885601        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42888208        42888306        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42890363        42890419        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42890471        42890647        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42893704        42893826        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42902139        42902237        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42902290        42902503        .       -
        1       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42902541        42902647        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42902684        42902802        .       -
        2       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42902840        42902995        .       -
        2       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42903033        42903144        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42903184        42903412        .       -
        1       Parent=Smp_152860.1
SM_V9_1 iris    CDS     42903447        42903571        .       -
        0       Parent=Smp_152860.1
SM_V9_1 iris    gene    42928690        42946064        .       -
        .
ID=Smp_319040;geneID=Smp_319040;gene_name=Smp_319040;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    42928690        42946064        .       -
        .
ID=Smp_319040.1;Parent=Smp_319040;geneID=Smp_319040;gene_name=Smp_31
9040;owner=irisadmin@local.host;orig_id=Smp_319040.1;date_last_modif
ied=2022-08-02;Name=Smp_319040.1;product=Protein phosphatase 1
regulatory subunit 3C;date_creation=2022-07-28
SM_V9_1 iris    exon    42928690        42929023        .       -
        .
Parent=Smp_319040.1;Name=4dd01a01-4202-4fdc-9992-4f3ab3cfd5dd
SM_V9_1 iris    exon    42935016        42935177        .       -
        .       Parent=Smp_319040.1;Name=ade97e98-ceb1-4456-
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ac66-1786e5c16ed5
SM_V9_1 iris    exon    42945956        42946064        .       -
        .       Parent=Smp_319040.1;Name=37257e07-a804-4ff6-a9ae-
ae837542a7b7
SM_V9_1 iris    CDS     42928916        42929023        .       -
        0       Parent=Smp_319040.1
SM_V9_1 iris    CDS     42935016        42935177        .       -
        0       Parent=Smp_319040.1
SM_V9_1 iris    CDS     42945956        42945994        .       -
        0       Parent=Smp_319040.1
SM_V9_1 Liftoff gene    42995155        42995708        .       +
        .       ID=Smp_200980;geneID=Smp_200980
SM_V9_1 Liftoff mRNA    42995155        42995708        .       +
        .
ID=Smp_200980.1;Parent=Smp_200980;geneID=Smp_200980;product=Hyaluron
an synthase 1
SM_V9_1 Liftoff exon    42995155        42995708        .       +
        .       Parent=Smp_200980.1
SM_V9_1 Liftoff CDS     42995291        42995449        .       +
        0       Parent=Smp_200980.1
SM_V9_1 Liftoff gene    43006524        43020222        .       -
        .       ID=Smp_152870;geneID=Smp_152870
SM_V9_1 Liftoff mRNA    43006524        43020222        .       -
        .
ID=Smp_152870.1;Parent=Smp_152870;geneID=Smp_152870;product=HTH-type
transcriptional repressor CarH
SM_V9_1 Liftoff exon    43006524        43008332        .       -
        .       Parent=Smp_152870.1
SM_V9_1 Liftoff exon    43009650        43009804        .       -
        .       Parent=Smp_152870.1
SM_V9_1 Liftoff exon    43014009        43015119        .       -
        .       Parent=Smp_152870.1
SM_V9_1 Liftoff exon    43017368        43018253        .       -
        .       Parent=Smp_152870.1
SM_V9_1 Liftoff exon    43019378        43019790        .       -
        .       Parent=Smp_152870.1
SM_V9_1 Liftoff exon    43019830        43020222        .       -
        .       Parent=Smp_152870.1
SM_V9_1 Liftoff CDS     43008307        43008332        .       -
        2       Parent=Smp_152870.1
SM_V9_1 Liftoff CDS     43009650        43009804        .       -
        1       Parent=Smp_152870.1
SM_V9_1 Liftoff CDS     43014009        43015119        .       -
        2       Parent=Smp_152870.1
SM_V9_1 Liftoff CDS     43017368        43018253        .       -
        0       Parent=Smp_152870.1
SM_V9_1 Liftoff CDS     43019378        43019790        .       -
        2       Parent=Smp_152870.1
SM_V9_1 Liftoff CDS     43019830        43019926        .       -
        0       Parent=Smp_152870.1
SM_V9_1 iris    gene    43050215        43074405        .       -
        .
ID=Smp_033540;geneID=Smp_033540;gene_name=Smp_033540;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
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SM_V9_1 iris    mRNA    43050215        43074405        .       -
        .
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3540;owner=irisadmin@local.host;orig_id=Smp_033540.1;date_last_modif
ied=2022-08-16;Name=Smp_033540.1;product=Carbonyl reductase-like
protein trans-spliced;date_creation=2022-08-16
SM_V9_1 iris    exon    43050215        43050813        .       -
        .       Parent=Smp_033540.1;Name=d79f445a-eeb6-4e91-
bbdc-8261a284756b
SM_V9_1 iris    exon    43058540        43058603        .       -
        .       Parent=Smp_033540.1;Name=ab2df5d1-a2f7-4634-
a28b-5eb1ef548649
SM_V9_1 iris    exon    43060953        43061091        .       -
        .       Parent=Smp_033540.1;Name=802b8d85-22c3-434b-
afc5-6ee85f7c7bce
SM_V9_1 iris    exon    43071683        43071808        .       -
        .       Parent=Smp_033540.1;Name=219bf0d9-4d64-44f4-994a-
ad6e8c64a318
SM_V9_1 iris    exon    43071840        43071952        .       -
        .       Parent=Smp_033540.1;Name=a7fffe86-20d7-4365-8728-
c0ff28265b78
SM_V9_1 iris    exon    43071985        43072166        .       -
        .
Parent=Smp_033540.1;Name=ad4456fa-81f4-4b02-9f9c-15294bd65821
SM_V9_1 iris    exon    43072197        43072290        .       -
        .       Parent=Smp_033540.1;Name=ef07f426-51a9-463a-aa72-
c0d030252ef2
SM_V9_1 iris    exon    43072339        43072379        .       -
        .       Parent=Smp_033540.1;Name=6ceb894c-0d11-4aa1-
afaa-7b425670640f
SM_V9_1 iris    exon    43074317        43074405        .       -
        .       Parent=Smp_033540.1;Name=5e7f09f5-8e6a-4fe1-a38d-
a09355dbe17f
SM_V9_1 iris    CDS     43050713        43050813        .       -
        2       Parent=Smp_033540.1
SM_V9_1 iris    CDS     43058540        43058603        .       -
        0       Parent=Smp_033540.1
SM_V9_1 iris    CDS     43060953        43061091        .       -
        1       Parent=Smp_033540.1
SM_V9_1 iris    CDS     43071683        43071808        .       -
        1       Parent=Smp_033540.1
SM_V9_1 iris    CDS     43071840        43071952        .       -
        0       Parent=Smp_033540.1
SM_V9_1 iris    CDS     43071985        43072166        .       -
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SM_V9_1 iris    CDS     43072197        43072290        .       -
        0       Parent=Smp_033540.1
SM_V9_1 iris    CDS     43072339        43072353        .       -
        0       Parent=Smp_033540.1
SM_V9_1 Liftoff gene    43104855        43108630        .       +
        .       ID=Smp_033530;geneID=Smp_033530
SM_V9_1 Liftoff mRNA    43104855        43108630        .       +
        .
ID=Smp_033530.1;Parent=Smp_033530;geneID=Smp_033530;product=Carbonyl
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reductase [NADPH] 1;polypeptide_domain=InterPro:IPR002347,IPR016040
Pfam:PF00106
SM_V9_1 Liftoff exon    43104855        43104980        .       +
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SM_V9_1 Liftoff exon    43105029        43105122        .       +
        .       Parent=Smp_033530.1
SM_V9_1 Liftoff exon    43105153        43105334        .       +
        .       Parent=Smp_033530.1
SM_V9_1 Liftoff exon    43105366        43105478        .       +
        .       Parent=Smp_033530.1
SM_V9_1 Liftoff exon    43105511        43105636        .       +
        .       Parent=Smp_033530.1
SM_V9_1 Liftoff exon    43107138        43107276        .       +
        .       Parent=Smp_033530.1
SM_V9_1 Liftoff exon    43107793        43107856        .       +
        .       Parent=Smp_033530.1
SM_V9_1 Liftoff exon    43107979        43108630        .       +
        .       Parent=Smp_033530.1
SM_V9_1 Liftoff CDS     43104966        43104980        .       +
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SM_V9_1 Liftoff CDS     43105029        43105122        .       +
        0       Parent=Smp_033530.1
SM_V9_1 Liftoff CDS     43105153        43105334        .       +
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SM_V9_1 Liftoff CDS     43105366        43105478        .       +
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SM_V9_1 Liftoff CDS     43105511        43105636        .       +
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SM_V9_1 Liftoff CDS     43107138        43107276        .       +
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SM_V9_1 Liftoff CDS     43107793        43107856        .       +
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SM_V9_1 Liftoff CDS     43107979        43108079        .       +
        2       Parent=Smp_033530.1
SM_V9_1 Liftoff gene    43119629        43127266        .       +
        .       ID=Smp_140270;geneID=Smp_140270
SM_V9_1 Liftoff mRNA    43119629        43127266        .       +
        .
ID=Smp_140270.2;Parent=Smp_140270;geneID=Smp_140270;product=Carbonyl
reductase [NADPH] 1;polypeptide_domain=InterPro:IPR016040
SM_V9_1 Liftoff exon    43119629        43119823        .       +
        .       Parent=Smp_140270.2
SM_V9_1 Liftoff exon    43124029        43124167        .       +
        .       Parent=Smp_140270.2
SM_V9_1 Liftoff exon    43125856        43125919        .       +
        .       Parent=Smp_140270.2
SM_V9_1 Liftoff exon    43126627        43127266        .       +
        .       Parent=Smp_140270.2
SM_V9_1 Liftoff CDS     43119819        43119823        .       +
        0       Parent=Smp_140270.2
SM_V9_1 Liftoff CDS     43124029        43124167        .       +
        1       Parent=Smp_140270.2
SM_V9_1 Liftoff CDS     43125856        43125919        .       +
        0       Parent=Smp_140270.2
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SM_V9_1 Liftoff CDS     43126627        43126727        .       +
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SM_V9_1 Liftoff mRNA    43122879        43127266        .       +
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Pfam:PF00106
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SM_V9_1 Liftoff exon    43123044        43123349        .       +
        .       Parent=Smp_140270.1
SM_V9_1 Liftoff exon    43123387        43123499        .       +
        .       Parent=Smp_140270.1
SM_V9_1 Liftoff exon    43123532        43123657        .       +
        .       Parent=Smp_140270.1
SM_V9_1 Liftoff exon    43124029        43124167        .       +
        .       Parent=Smp_140270.1
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        .       Parent=Smp_140270.1
SM_V9_1 Liftoff exon    43126627        43127266        .       +
        .       Parent=Smp_140270.1
SM_V9_1 Liftoff CDS     43122981        43122995        .       +
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SM_V9_1 Liftoff CDS     43123044        43123349        .       +
        0       Parent=Smp_140270.1
SM_V9_1 Liftoff CDS     43123387        43123499        .       +
        0       Parent=Smp_140270.1
SM_V9_1 Liftoff CDS     43123532        43123657        .       +
        1       Parent=Smp_140270.1
SM_V9_1 Liftoff CDS     43124029        43124167        .       +
        1       Parent=Smp_140270.1
SM_V9_1 Liftoff CDS     43125856        43125919        .       +
        0       Parent=Smp_140270.1
SM_V9_1 Liftoff CDS     43126627        43126727        .       +
        2       Parent=Smp_140270.1
SM_V9_1 Liftoff gene    43136959        43174539        .       +
        .       ID=Smp_140260;geneID=Smp_140260
SM_V9_1 Liftoff mRNA    43136959        43174539        .       +
        .
ID=Smp_140260.1;Parent=Smp_140260;geneID=Smp_140260;product=Apoptoti
c protease-activating factor
1;polypeptide_domain=InterPro:IPR001315,IPR001680,IPR002182,IPR01102
9,IPR015943,IPR017986,IPR027417
Pfam:PF00619,PF00931;Ontology_term=GO:0005515,GO:0042981,GO:0043531
SM_V9_1 Liftoff exon    43136959        43137539        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43141994        43142340        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43144179        43144606        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43146343        43146657        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43148061        43148156        .       +
        .       Parent=Smp_140260.1
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SM_V9_1 Liftoff exon    43149787        43149963        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43150735        43151000        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43152904        43153347        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43155801        43156086        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43157150        43157238        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43158240        43158669        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43160515        43161000        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43161784        43161930        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43162733        43162924        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43163021        43163440        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43166001        43166357        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43167850        43168110        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43171340        43171876        .       +
        .       Parent=Smp_140260.1
SM_V9_1 Liftoff exon    43172373        43172536        .       +
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SM_V9_1 Liftoff exon    43173544        43174539        .       +
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SM_V9_1 Liftoff CDS     43141994        43142340        .       +
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SM_V9_1 Liftoff CDS     43144179        43144606        .       +
        2       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43146343        43146657        .       +
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SM_V9_1 Liftoff CDS     43148061        43148156        .       +
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SM_V9_1 Liftoff CDS     43149787        43149963        .       +
        0       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43150735        43151000        .       +
        0       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43152904        43153347        .       +
        1       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43155801        43156086        .       +
        1       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43157150        43157238        .       +
        0       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43158240        43158669        .       +
        1       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43160515        43161000        .       +
        0       Parent=Smp_140260.1
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SM_V9_1 Liftoff CDS     43161784        43161930        .       +
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SM_V9_1 Liftoff CDS     43163021        43163440        .       +
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SM_V9_1 Liftoff CDS     43166001        43166357        .       +
        0       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43167850        43168110        .       +
        0       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43171340        43171876        .       +
        0       Parent=Smp_140260.1
SM_V9_1 Liftoff CDS     43172373        43172536        .       +
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SM_V9_1 Liftoff CDS     43173544        43174222        .       +
        1       Parent=Smp_140260.1
SM_V9_1 Liftoff mRNA    43136959        43174539        .       +
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c protease-activating factor
1;polypeptide_domain=InterPro:IPR001315,IPR001680,IPR002182,IPR01102
9,IPR015943,IPR017986,IPR027417
Pfam:PF00619,PF00931;Ontology_term=GO:0005515,GO:0042981,GO:0043531
SM_V9_1 Liftoff exon    43136959        43137539        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43141994        43142340        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43144179        43144606        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43146343        43146657        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43148061        43148156        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43149787        43149963        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43150735        43151000        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43152904        43153347        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43155801        43156086        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43157150        43157238        .       +
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        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43160515        43161000        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43161784        43161930        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43162733        43162924        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43163021        43163440        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43163748        43163777        .       +
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        .       Parent=Smp_140260.2
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        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43167850        43168110        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43171340        43171876        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43172373        43172536        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff exon    43173544        43174539        .       +
        .       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43137253        43137539        .       +
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SM_V9_1 Liftoff CDS     43141994        43142340        .       +
        1       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43144179        43144606        .       +
        2       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43146343        43146657        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43148061        43148156        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43149787        43149963        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43150735        43151000        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43152904        43153347        .       +
        1       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43155801        43156086        .       +
        1       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43157150        43157238        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43158240        43158669        .       +
        1       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43160515        43161000        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43161784        43161930        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43162733        43162924        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43163021        43163440        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43163748        43163777        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43166001        43166357        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43167850        43168110        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43171340        43171876        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43172373        43172536        .       +
        0       Parent=Smp_140260.2
SM_V9_1 Liftoff CDS     43173544        43174222        .       +
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SM_V9_1 Liftoff gene    43261909        43263660        .       +
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Statement;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    43261909        43263660        .       +
        .       Parent=Smp_140250.1
SM_V9_1 Liftoff CDS     43262075        43263382        .       +
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SM_V9_1 Liftoff gene    43369745        43374714        .       +
        .       ID=Smp_146480;geneID=Smp_146480
SM_V9_1 Liftoff mRNA    43369745        43374714        .       +
        .
ID=Smp_146480.1;Parent=Smp_146480;geneID=Smp_146480;product=Heat
shock protein DDB_G0280215
SM_V9_1 Liftoff exon    43369745        43369891        .       +
        .       Parent=Smp_146480.1
SM_V9_1 Liftoff exon    43371364        43371445        .       +
        .       Parent=Smp_146480.1
SM_V9_1 Liftoff exon    43371915        43372215        .       +
        .       Parent=Smp_146480.1
SM_V9_1 Liftoff exon    43374555        43374714        .       +
        .       Parent=Smp_146480.1
SM_V9_1 Liftoff CDS     43369827        43369891        .       +
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SM_V9_1 Liftoff CDS     43371364        43371445        .       +
        1       Parent=Smp_146480.1
SM_V9_1 Liftoff CDS     43371915        43372215        .       +
        0       Parent=Smp_146480.1
SM_V9_1 Liftoff CDS     43374555        43374619        .       +
        2       Parent=Smp_146480.1
SM_V9_1 iris    gene    43378042        43390771        .       -
        .
ID=Smp_316440;geneID=Smp_316440;gene_name=Smp_316440;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    43378042        43390771        .       -
        .
ID=Smp_316440.1;Parent=Smp_316440;geneID=Smp_316440;gene_name=Smp_31
6440;owner=irisadmin@local.host;orig_id=Smp_316440.1;date_last_modif
ied=2022-08-02;Name=Smp_316440.1;product=AdoMet-dependent rRNA
methyltransferase SPB1;date_creation=2022-07-28
SM_V9_1 iris    exon    43378042        43378406        .       -
        .       Parent=Smp_316440.1;Name=b7b55df4-0386-4eb0-ab4d-
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SM_V9_1 iris    exon    43379806        43379975        .       -
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SM_V9_1 iris    exon    43380790        43381016        .       -
        .       Parent=Smp_316440.1;Name=68622ceb-12e6-449d-92ac-
d5c19fd923f0
SM_V9_1 iris    exon    43381882        43382077        .       -
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        .       Parent=Smp_316440.1;Name=d9de5a0e-0d49-4b1f-ab2a-
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SM_V9_1 iris    exon    43385296        43385651        .       -
        .       Parent=Smp_316440.1;Name=6e8949a0-a5e0-4e5b-8890-
a315a5ae15bf
SM_V9_1 iris    exon    43386746        43386868        .       -
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SM_V9_1 iris    exon    43387436        43387492        .       -
        .       Parent=Smp_316440.1;Name=86260fa7-f73e-4bfd-9cf7-
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SM_V9_1 iris    exon    43389638        43389738        .       -
        .
Parent=Smp_316440.1;Name=300d19d0-5b02-4912-823a-7c56bb3e04f3
SM_V9_1 iris    exon    43389771        43389876        .       -
        .       Parent=Smp_316440.1;Name=829387f5-524e-4696-8b43-
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SM_V9_1 iris    exon    43389911        43390229        .       -
        .       Parent=Smp_316440.1;Name=b5c44ffd-
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SM_V9_1 iris    exon    43390261        43390360        .       -
        .       Parent=Smp_316440.1;Name=6f7c5c60-9c27-4844-89d2-
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SM_V9_1 iris    exon    43390397        43390629        .       -
        .
Parent=Smp_316440.1;Name=0b71b3cb-1a92-4893-8b54-7ce5f79dafef
SM_V9_1 iris    exon    43390667        43390771        .       -
        .       Parent=Smp_316440.1;Name=89874e81-
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SM_V9_1 iris    CDS     43378154        43378406        .       -
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SM_V9_1 iris    CDS     43379806        43379975        .       -
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SM_V9_1 iris    CDS     43380790        43381016        .       -
        2       Parent=Smp_316440.1
SM_V9_1 iris    CDS     43381882        43382077        .       -
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SM_V9_1 iris    CDS     43382986        43383335        .       -
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SM_V9_1 iris    CDS     43385296        43385651        .       -
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SM_V9_1 iris    CDS     43386746        43386868        .       -
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SM_V9_1 iris    CDS     43387436        43387492        .       -
        1       Parent=Smp_316440.1
SM_V9_1 iris    CDS     43389638        43389738        .       -
        0       Parent=Smp_316440.1
SM_V9_1 iris    CDS     43389771        43389876        .       -
        1       Parent=Smp_316440.1
SM_V9_1 iris    CDS     43389911        43390229        .       -
        2       Parent=Smp_316440.1
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SM_V9_1 iris    CDS     43390261        43390360        .       -
        0       Parent=Smp_316440.1
SM_V9_1 iris    CDS     43390397        43390629        .       -
        2       Parent=Smp_316440.1
SM_V9_1 iris    CDS     43390667        43390733        .       -
        0       Parent=Smp_316440.1
SM_V9_1 Liftoff gene    43414725        43428139        .       +
        .       ID=Smp_319050;geneID=Smp_319050
SM_V9_1 Liftoff mRNA    43414725        43428139        .       +
        .
ID=Smp_319050.1;Parent=Smp_319050;geneID=Smp_319050;product=Transmem
brane protein 164;polypeptide_domain=InterPro:IPR026508 Pfam:PF14808
SM_V9_1 Liftoff exon    43414725        43415199        .       +
        .       Parent=Smp_319050.1
SM_V9_1 Liftoff exon    43416396        43416512        .       +
        .       Parent=Smp_319050.1
SM_V9_1 Liftoff exon    43418291        43418369        .       +
        .       Parent=Smp_319050.1
SM_V9_1 Liftoff exon    43419501        43419601        .       +
        .       Parent=Smp_319050.1
SM_V9_1 Liftoff exon    43426599        43428139        .       +
        .       Parent=Smp_319050.1
SM_V9_1 Liftoff CDS     43415191        43415199        .       +
        0       Parent=Smp_319050.1
SM_V9_1 Liftoff CDS     43416396        43416512        .       +
        0       Parent=Smp_319050.1
SM_V9_1 Liftoff CDS     43418291        43418369        .       +
        0       Parent=Smp_319050.1
SM_V9_1 Liftoff CDS     43419501        43419601        .       +
        2       Parent=Smp_319050.1
SM_V9_1 Liftoff CDS     43426599        43426961        .       +
        0       Parent=Smp_319050.1
SM_V9_1 Liftoff gene    43428785        43443045        .       +
        .       ID=Smp_045060;geneID=Smp_045060
SM_V9_1 Liftoff mRNA    43428785        43443045        .       +
        .
ID=Smp_045060.1;Parent=Smp_045060;geneID=Smp_045060;product=Mitotic
checkpoint protein
BUB3;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR02
0472 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    43428785        43429092        .       +
        .       Parent=Smp_045060.1
SM_V9_1 Liftoff exon    43435770        43436138        .       +
        .       Parent=Smp_045060.1
SM_V9_1 Liftoff exon    43438321        43438473        .       +
        .       Parent=Smp_045060.1
SM_V9_1 Liftoff exon    43442599        43443045        .       +
        .       Parent=Smp_045060.1
SM_V9_1 Liftoff CDS     43428810        43429092        .       +
        0       Parent=Smp_045060.1
SM_V9_1 Liftoff CDS     43435770        43436138        .       +
        2       Parent=Smp_045060.1
SM_V9_1 Liftoff CDS     43438321        43438473        .       +
        2       Parent=Smp_045060.1
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SM_V9_1 Liftoff CDS     43442599        43442897        .       +
        2       Parent=Smp_045060.1
SM_V9_1 Liftoff gene    43456047        43462331        .       -
        .       ID=Smp_045070;geneID=Smp_045070
SM_V9_1 Liftoff mRNA    43456047        43462331        .       -
        .
ID=Smp_045070.1;Parent=Smp_045070;geneID=Smp_045070;product=U3 small
nucleolar RNA-associated protein 15
homolog;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IP
R018983,IPR019775
Pfam:PF09384;Ontology_term=GO:0005515,GO:0005730,GO:0006364
SM_V9_1 Liftoff exon    43456047        43456350        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff exon    43457343        43457694        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff exon    43459015        43459329        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff exon    43459943        43460272        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff exon    43461625        43461850        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff exon    43461882        43462069        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff exon    43462106        43462198        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff exon    43462232        43462331        .       -
        .       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43456091        43456350        .       -
        2       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43457343        43457694        .       -
        0       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43459015        43459329        .       -
        0       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43459943        43460272        .       -
        0       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43461625        43461850        .       -
        1       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43461882        43462069        .       -
        0       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43462106        43462198        .       -
        0       Parent=Smp_045070.1
SM_V9_1 Liftoff CDS     43462232        43462309        .       -
        0       Parent=Smp_045070.1
SM_V9_1 Liftoff gene    43481983        43485990        .       +
        .       ID=Smp_319060;geneID=Smp_319060
SM_V9_1 Liftoff mRNA    43481983        43485990        .       +
        .
ID=Smp_319060.1;Parent=Smp_319060;geneID=Smp_319060;product=Phosphor
ibosylformylglycinamidine synthase subunit
PurL;polypeptide_domain=InterPro:IPR003604;Ontology_term=GO:0003676,
GO:0008270
SM_V9_1 Liftoff exon    43481983        43485990        .       +
        .       Parent=Smp_319060.1
SM_V9_1 Liftoff CDS     43484980        43485915        .       +
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        0       Parent=Smp_319060.1
SM_V9_1 Liftoff gene    43492189        43492787        .       +
        .       ID=Smp_348270;geneID=Smp_348270;note=added from
PMID:29497070
SM_V9_1 Liftoff mRNA    43492189        43492787        .       +
        .
ID=Smp_348270.1;Parent=Smp_348270;geneID=Smp_348270;product=Putative
uncharacterized protein YAR070C
SM_V9_1 Liftoff exon    43492189        43492787        .       +
        .       Parent=Smp_348270.1
SM_V9_1 Liftoff CDS     43492370        43492720        .       +
        0       Parent=Smp_348270.1
SM_V9_1 iris    gene    43498307        43499520        .       -
        .
ID=Smp_319070;geneID=Smp_319070;gene_name=Smp_319070;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    43498307        43499520        .       -
        .
ID=Smp_319070.1;Parent=Smp_319070;geneID=Smp_319070;gene_name=Smp_31
9070;owner=irisadmin@local.host;orig_id=Smp_319070.1;date_last_modif
ied=2022-08-02;Name=Smp_319070.1;product=Hypothetical
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    43498307        43499361        .       -
        .       Parent=Smp_319070.1;Name=dc56e3b4-
f139-4dc8-9474-19ee9642ab93
SM_V9_1 iris    exon    43499407        43499520        .       -
        .       Parent=Smp_319070.1;Name=7eb607c3-
a9e4-46fb-885e-41dbe5ce8fd0
SM_V9_1 iris    CDS     43498651        43499361        .       -
        0       Parent=Smp_319070.1
SM_V9_1 iris    CDS     43499407        43499409        .       -
        0       Parent=Smp_319070.1
SM_V9_1 Liftoff gene    43506759        43513541        .       -
        .       ID=Smp_319080;geneID=Smp_319080
SM_V9_1 Liftoff mRNA    43506759        43513541        .       -
        .
ID=Smp_319080.1;Parent=Smp_319080;geneID=Smp_319080;product=Sympleki
n
SM_V9_1 Liftoff exon    43506759        43506861        .       -
        .       Parent=Smp_319080.1
SM_V9_1 Liftoff exon    43509712        43509956        .       -
        .       Parent=Smp_319080.1
SM_V9_1 Liftoff exon    43513480        43513541        .       -
        .       Parent=Smp_319080.1
SM_V9_1 Liftoff CDS     43506811        43506861        .       -
        0       Parent=Smp_319080.1
SM_V9_1 Liftoff CDS     43509712        43509956        .       -
        2       Parent=Smp_319080.1
SM_V9_1 Liftoff CDS     43513480        43513492        .       -
        0       Parent=Smp_319080.1
SM_V9_1 Liftoff mRNA    43506759        43513541        .       -
        .
ID=Smp_319080.2;Parent=Smp_319080;geneID=Smp_319080;product=Allergen
Ulo b 1 (Fragment)
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SM_V9_1 Liftoff exon    43506759        43506861        .       -
        .       Parent=Smp_319080.2
SM_V9_1 Liftoff exon    43509712        43509956        .       -
        .       Parent=Smp_319080.2
SM_V9_1 Liftoff exon    43512529        43512562        .       -
        .       Parent=Smp_319080.2
SM_V9_1 Liftoff exon    43513439        43513541        .       -
        .       Parent=Smp_319080.2
SM_V9_1 Liftoff CDS     43506811        43506861        .       -
        0       Parent=Smp_319080.2
SM_V9_1 Liftoff CDS     43509712        43509956        .       -
        2       Parent=Smp_319080.2
SM_V9_1 Liftoff CDS     43512529        43512562        .       -
        0       Parent=Smp_319080.2
SM_V9_1 Liftoff CDS     43513439        43513492        .       -
        0       Parent=Smp_319080.2
SM_V9_1 Liftoff gene    43525139        43536231        .       -
        .       ID=Smp_319090;geneID=Smp_319090
SM_V9_1 Liftoff mRNA    43525139        43536231        .       -
        .
ID=Smp_319090.1;Parent=Smp_319090;geneID=Smp_319090;product=Pseudoki
nase FAM20A
SM_V9_1 Liftoff exon    43525139        43525446        .       -
        .       Parent=Smp_319090.1
SM_V9_1 Liftoff exon    43530896        43531090        .       -
        .       Parent=Smp_319090.1
SM_V9_1 Liftoff exon    43535765        43536231        .       -
        .       Parent=Smp_319090.1
SM_V9_1 Liftoff CDS     43525369        43525446        .       -
        0       Parent=Smp_319090.1
SM_V9_1 Liftoff CDS     43530896        43531090        .       -
        0       Parent=Smp_319090.1
SM_V9_1 Liftoff CDS     43535765        43535980        .       -
        0       Parent=Smp_319090.1
SM_V9_1 Liftoff gene    43554100        43561922        .       +
        .       ID=Smp_319100;geneID=Smp_319100
SM_V9_1 Liftoff mRNA    43554100        43561921        .       +
        .
ID=Smp_319100.2;Parent=Smp_319100;geneID=Smp_319100;product=Probable
protein phosphatase 2C
T23F11.1;polypeptide_domain=InterPro:IPR000222,IPR001932
Pfam:PF00481;Ontology_term=GO:0003824,GO:0043169
SM_V9_1 Liftoff exon    43554100        43556822        .       +
        .       Parent=Smp_319100.2
SM_V9_1 Liftoff exon    43559673        43560325        .       +
        .       Parent=Smp_319100.2
SM_V9_1 Liftoff exon    43561357        43561921        .       +
        .       Parent=Smp_319100.2
SM_V9_1 Liftoff CDS     43556570        43556822        .       +
        0       Parent=Smp_319100.2
SM_V9_1 Liftoff CDS     43559673        43560325        .       +
        2       Parent=Smp_319100.2
SM_V9_1 Liftoff CDS     43561357        43561536        .       +
        0       Parent=Smp_319100.2
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SM_V9_1 Liftoff mRNA    43554100        43561922        .       +
        .
ID=Smp_319100.1;Parent=Smp_319100;geneID=Smp_319100;product=Probable
protein phosphatase 2C
T23F11.1;polypeptide_domain=InterPro:IPR000222,IPR001932
Pfam:PF00481;Ontology_term=GO:0003824,GO:0043169
SM_V9_1 Liftoff exon    43554100        43556822        .       +
        .       Parent=Smp_319100.1
SM_V9_1 Liftoff exon    43559673        43560325        .       +
        .       Parent=Smp_319100.1
SM_V9_1 Liftoff exon    43561357        43561922        .       +
        .       Parent=Smp_319100.1
SM_V9_1 Liftoff CDS     43556570        43556822        .       +
        0       Parent=Smp_319100.1
SM_V9_1 Liftoff CDS     43559673        43560325        .       +
        2       Parent=Smp_319100.1
SM_V9_1 Liftoff CDS     43561357        43561536        .       +
        0       Parent=Smp_319100.1
SM_V9_1 Liftoff gene    43562182        43564721        .       -
        .       ID=Smp_319110;geneID=Smp_319110
SM_V9_1 Liftoff mRNA    43562182        43564721        .       -
        .
ID=Smp_319110.1;Parent=Smp_319110;geneID=Smp_319110;product=Iron-
sulfur cluster assembly 1 homolog,
mitochondrial;polypeptide_domain=InterPro:IPR000361,IPR016092,IPR017
870 Pfam:PF01521;Ontology_term=GO:0005198,GO:0051536,GO:0097428
SM_V9_1 Liftoff exon    43562182        43564721        .       -
        .       Parent=Smp_319110.1
SM_V9_1 Liftoff CDS     43563018        43563524        .       -
        0       Parent=Smp_319110.1
SM_V9_1 Liftoff gene    43581001        43600731        .       -
        .       ID=Smp_319120;geneID=Smp_319120
SM_V9_1 Liftoff mRNA    43581001        43600731        .       -
        .
ID=Smp_319120.1;Parent=Smp_319120;geneID=Smp_319120;product=PHD and
RING finger domain-containing protein
1;polypeptide_domain=InterPro:IPR001841,IPR001965,IPR011011,IPR01308
3,IPR017907,IPR019786,IPR019787 Pfam:PF00628,PF13923,PF17120
SM_V9_1 Liftoff exon    43581001        43581679        .       -
        .       Parent=Smp_319120.1
SM_V9_1 Liftoff exon    43582319        43582853        .       -
        .       Parent=Smp_319120.1
SM_V9_1 Liftoff exon    43584916        43584993        .       -
        .       Parent=Smp_319120.1
SM_V9_1 Liftoff exon    43590193        43590323        .       -
        .       Parent=Smp_319120.1
SM_V9_1 Liftoff exon    43591623        43592105        .       -
        .       Parent=Smp_319120.1
SM_V9_1 Liftoff exon    43593125        43593250        .       -
        .       Parent=Smp_319120.1
SM_V9_1 Liftoff exon    43593358        43593987        .       -
        .       Parent=Smp_319120.1
SM_V9_1 Liftoff exon    43600222        43600731        .       -
        .       Parent=Smp_319120.1
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SM_V9_1 Liftoff CDS     43581587        43581679        .       -
        0       Parent=Smp_319120.1
SM_V9_1 Liftoff CDS     43582319        43582853        .       -
        1       Parent=Smp_319120.1
SM_V9_1 Liftoff CDS     43584916        43584993        .       -
        1       Parent=Smp_319120.1
SM_V9_1 Liftoff CDS     43590193        43590323        .       -
        0       Parent=Smp_319120.1
SM_V9_1 Liftoff CDS     43591623        43592105        .       -
        0       Parent=Smp_319120.1
SM_V9_1 Liftoff CDS     43593125        43593250        .       -
        0       Parent=Smp_319120.1
SM_V9_1 Liftoff CDS     43593358        43593987        .       -
        0       Parent=Smp_319120.1
SM_V9_1 Liftoff CDS     43600222        43600665        .       -
        0       Parent=Smp_319120.1
SM_V9_1 Liftoff mRNA    43581001        43600731        .       -
        .
ID=Smp_319120.2;Parent=Smp_319120;geneID=Smp_319120;product=PHD and
RING finger domain-containing protein
1;polypeptide_domain=InterPro:IPR001841,IPR001965,IPR011011,IPR01308
3,IPR017907,IPR019786,IPR019787 Pfam:PF00628,PF13923,PF17120
SM_V9_1 Liftoff exon    43581001        43581679        .       -
        .       Parent=Smp_319120.2
SM_V9_1 Liftoff exon    43582319        43582853        .       -
        .       Parent=Smp_319120.2
SM_V9_1 Liftoff exon    43584916        43584993        .       -
        .       Parent=Smp_319120.2
SM_V9_1 Liftoff exon    43590193        43590323        .       -
        .       Parent=Smp_319120.2
SM_V9_1 Liftoff exon    43591623        43592105        .       -
        .       Parent=Smp_319120.2
SM_V9_1 Liftoff exon    43593358        43593987        .       -
        .       Parent=Smp_319120.2
SM_V9_1 Liftoff exon    43600222        43600731        .       -
        .       Parent=Smp_319120.2
SM_V9_1 Liftoff CDS     43581587        43581679        .       -
        0       Parent=Smp_319120.2
SM_V9_1 Liftoff CDS     43582319        43582853        .       -
        1       Parent=Smp_319120.2
SM_V9_1 Liftoff CDS     43584916        43584993        .       -
        1       Parent=Smp_319120.2
SM_V9_1 Liftoff CDS     43590193        43590323        .       -
        0       Parent=Smp_319120.2
SM_V9_1 Liftoff CDS     43591623        43592105        .       -
        0       Parent=Smp_319120.2
SM_V9_1 Liftoff CDS     43593358        43593987        .       -
        0       Parent=Smp_319120.2
SM_V9_1 Liftoff CDS     43600222        43600665        .       -
        0       Parent=Smp_319120.2
SM_V9_1 iris    gene    43609355        43646722        .       +
        .
ID=Smp_319130;geneID=Smp_319130;gene_name=Smp_319130;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
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SM_V9_1 iris    mRNA    43609355        43646722        .       +
       .
ID=Smp_319130.1;Parent=Smp_319130;geneID=Smp_319130;gene_name=Smp_31
9130;owner=irisadmin@local.host;orig_id=Smp_319130.1;date_last_modif
ied=2022-08-02;Name=Smp_319130.1;product=F-BAR and double SH3
domains protein 2;date_creation=2022-08-02
SM_V9_1 iris    exon    43609355        43609413        .       +
       .       Parent=Smp_319130.1;Name=b3e85c25-ec1c-416a-83f8-
d606c157a5db
SM_V9_1 iris    exon    43612676        43612776        .       +
       .       Parent=Smp_319130.1;Name=b99f30be-4dc6-4c74-88f8-
c82be0f04a7d
SM_V9_1 iris    exon    43614876        43615007        .       +
       .       Parent=Smp_319130.1;Name=dd446a38-f0ed-4997-
b1e5-32b2e0c92e82
SM_V9_1 iris    exon    43615121        43615304        .       +
       .       Parent=Smp_319130.1;Name=53d51a8c-5891-4f4f-
b226-8418a017712b
SM_V9_1 iris    exon    43617783        43617892        .       +
       .       Parent=Smp_319130.1;Name=6d037a3a-93c2-4835-a5ec-
ed44c5ca0a34
SM_V9_1 iris    exon    43619874        43619937        .       +
       .
Parent=Smp_319130.1;Name=3f0a82d8-66d9-4c98-8663-9f10ae704d83
SM_V9_1 iris    exon    43620289        43620417        .       +
       .       Parent=Smp_319130.1;Name=88222c83-7929-4763-
b4bd-4d22fde8b38d
SM_V9_1 iris    exon    43621190        43621312        .       +
       .       Parent=Smp_319130.1;Name=4357f6e0-
b4cc-44e4-8bce-38fd4e69576c
SM_V9_1 iris    exon    43623045        43623140        .       +
       .       Parent=Smp_319130.1;Name=9b1a571b-735b-4a59-8e89-
d3a050db4519
SM_V9_1 iris    exon    43624997        43625197        .       +
       .
Parent=Smp_319130.1;Name=faaaf103-7a59-4c94-802a-0fa19ee9a49b
SM_V9_1 iris    exon    43626816        43626908        .       +
       .
Parent=Smp_319130.1;Name=d510df45-19be-49d2-8d7e-98ab53d6f7e8
SM_V9_1 iris    exon    43630233        43630284        .       +
       .       Parent=Smp_319130.1;Name=7c449664-1aa4-4174-
adaf-909417a5a6ad
SM_V9_1 iris    exon    43634120        43634442        .       +
       .       Parent=Smp_319130.1;Name=49141877-e337-4163-b992-
ddc82de354de
SM_V9_1 iris    exon    43635762        43635810        .       +
       .
Parent=Smp_319130.1;Name=29d47f5b-2690-4d48-9b00-2854356446d0
SM_V9_1 iris    exon    43637981        43638459        .       +
       .       Parent=Smp_319130.1;Name=4e7bfb6c-c616-4ce3-be66-
a4603618927a
SM_V9_1 iris    exon    43640160        43640445        .       +
       .       Parent=Smp_319130.1;Name=0bcafd4a-
afcb-40f4-960d-647aa659e67f
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SM_V9_1 iris    exon    43641405        43641806        .       +
        .       Parent=Smp_319130.1;Name=68651528-f909-4e92-be6f-
e7efcf2435f0
SM_V9_1 iris    exon    43642867        43643300        .       +
        .       Parent=Smp_319130.1;Name=ffdb1320-1bc4-4b91-8a02-
c136d1e5afa5
SM_V9_1 iris    exon    43646152        43646722        .       +
        .       Parent=Smp_319130.1;Name=c9a7e04f-fb69-4363-b6ec-
ecaad20389cf
SM_V9_1 iris    CDS     43609387        43609413        .       +
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SM_V9_1 iris    CDS     43612676        43612776        .       +
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SM_V9_1 iris    CDS     43615121        43615304        .       +
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SM_V9_1 iris    CDS     43617783        43617892        .       +
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SM_V9_1 iris    CDS     43620289        43620417        .       +
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SM_V9_1 iris    CDS     43621190        43621312        .       +
        0       Parent=Smp_319130.1
SM_V9_1 iris    CDS     43623045        43623140        .       +
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SM_V9_1 iris    CDS     43624997        43625197        .       +
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SM_V9_1 iris    CDS     43626816        43626908        .       +
        0       Parent=Smp_319130.1
SM_V9_1 iris    CDS     43630233        43630284        .       +
        0       Parent=Smp_319130.1
SM_V9_1 iris    CDS     43634120        43634442        .       +
        2       Parent=Smp_319130.1
SM_V9_1 iris    CDS     43635762        43635810        .       +
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SM_V9_1 iris    CDS     43637981        43638459        .       +
        2       Parent=Smp_319130.1
SM_V9_1 iris    CDS     43640160        43640445        .       +
        0       Parent=Smp_319130.1
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        2       Parent=Smp_319130.1
SM_V9_1 iris    CDS     43642867        43643300        .       +
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SM_V9_1 iris    CDS     43646152        43646172        .       +
        0       Parent=Smp_319130.1
SM_V9_1 Liftoff gene    43652265        43663928        .       +
        .       ID=Smp_319140;geneID=Smp_319140
SM_V9_1 Liftoff mRNA    43652265        43663928        .       +
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27;polypeptide_domain=InterPro:IPR021627 Pfam:PF11571
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SM_V9_1 Liftoff exon    43652265        43653278        .       +
        .       Parent=Smp_319140.1
SM_V9_1 Liftoff exon    43658148        43658465        .       +
        .       Parent=Smp_319140.1
SM_V9_1 Liftoff exon    43661377        43661548        .       +
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SM_V9_1 Liftoff exon    43663095        43663928        .       +
        .       Parent=Smp_319140.1
SM_V9_1 Liftoff CDS     43652836        43653278        .       +
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        1       Parent=Smp_319140.1
SM_V9_1 Liftoff CDS     43663095        43663694        .       +
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Pfam:PF00298,PF03946;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_1 Liftoff exon    43665482        43665853        .       -
        .       Parent=Smp_337040.1
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        .       Parent=Smp_337040.1
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        .       Parent=Smp_337040.1
SM_V9_1 Liftoff exon    43667051        43672831        .       -
        .       Parent=Smp_337040.1
SM_V9_1 Liftoff CDS     43665564        43665853        .       -
        2       Parent=Smp_337040.1
SM_V9_1 Liftoff CDS     43666795        43666888        .       -
        0       Parent=Smp_337040.1
SM_V9_1 Liftoff CDS     43666919        43667014        .       -
        0       Parent=Smp_337040.1
SM_V9_1 Liftoff CDS     43667051        43667191        .       -
        0       Parent=Smp_337040.1
SM_V9_1 iris    gene    43684725        43691059        .       +
        .
ID=Smp_045200;geneID=Smp_045200;gene_name=Smp_045200;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    43684725        43691059        .       +
        .
ID=Smp_045200.1;Parent=Smp_045200;geneID=Smp_045200;gene_name=Smp_04
5200;owner=irisadmin@local.host;orig_id=Smp_045200.2;date_last_modif
ied=2022-08-02;Name=Smp_045200.1;product=tegument-allergen-like
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    43684725        43685244        .       +
        .
Parent=Smp_045200.1;Name=44f4454a-1e20-47b0-838a-842f32f846dd
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SM_V9_1 iris    exon    43688048        43688136        .       +
        .       Parent=Smp_045200.1;Name=40c3148d-4739-474f-9808-
b8ded754c15d
SM_V9_1 iris    exon    43690514        43691059        .       +
        .       Parent=Smp_045200.1;Name=e0b7c709-6291-4fad-95f2-
fa8c9983e53d
SM_V9_1 iris    CDS     43685101        43685244        .       +
        0       Parent=Smp_045200.1
SM_V9_1 iris    CDS     43688048        43688136        .       +
        0       Parent=Smp_045200.1
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        1       Parent=Smp_045200.1
SM_V9_1 Liftoff gene    43692807        43701611        .       -
        .       ID=Smp_319170;geneID=Smp_319170
SM_V9_1 Liftoff mRNA    43692807        43701611        .       -
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ID=Smp_319170.1;Parent=Smp_319170;geneID=Smp_319170;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    43692807        43693610        .       -
        .       Parent=Smp_319170.1
SM_V9_1 Liftoff exon    43699677        43701611        .       -
        .       Parent=Smp_319170.1
SM_V9_1 Liftoff CDS     43693566        43693610        .       -
        0       Parent=Smp_319170.1
SM_V9_1 Liftoff CDS     43699677        43700273        .       -
        0       Parent=Smp_319170.1
SM_V9_1 iris    gene    43734844        43737209        .       -
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SM_V9_1 iris    mRNA    43734844        43737209        .       -
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2;date_creation=2022-08-02
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        .
Parent=Smp_146470.1;Name=81a89924-3c58-4857-9204-9bd78876c0fc
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SM_V9_1 Liftoff gene    43740175        43753810        .       +
        .       ID=Smp_045010;geneID=Smp_045010
SM_V9_1 Liftoff mRNA    43740175        43753810        .       +
        .
ID=Smp_045010.1;Parent=Smp_045010;geneID=Smp_045010;product=tegument
-allergen-like protein (TAL12);evidence=Inferred from
Experiment;literature=PMID:22509417;polypeptide_domain=InterPro:IPR0
01372,IPR002048,IPR011992,IPR018247
Pfam:PF01221,PF13499;Ontology_term=GO:0005509,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    43740175        43741191        .       +
        .       Parent=Smp_045010.1
SM_V9_1 Liftoff exon    43748833        43748921        .       +
        .       Parent=Smp_045010.1
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SM_V9_1 Liftoff exon    43753274        43753810        .       +
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SM_V9_1 Liftoff CDS     43741075        43741191        .       +
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SM_V9_1 Liftoff CDS     43753274        43753628        .       +
        1       Parent=Smp_045010.1
SM_V9_1 Liftoff gene    43769305        43777771        .       -
        .       ID=Smp_146460;geneID=Smp_146460
SM_V9_1 Liftoff mRNA    43769305        43777771        .       -
        .
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Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    43769305        43769831        .       -
        .       Parent=Smp_146460.1
SM_V9_1 Liftoff exon    43771921        43772003        .       -
        .       Parent=Smp_146460.1
SM_V9_1 Liftoff exon    43777342        43777771        .       -
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SM_V9_1 Liftoff CDS     43771921        43772003        .       -
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SM_V9_1 Liftoff CDS     43777342        43777464        .       -
        0       Parent=Smp_146460.1
SM_V9_1 iris    gene    43797738        43804512        .       +
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SM_V9_1 iris    mRNA    43797738        43804512        .       +
        .
ID=Smp_179320.1;Parent=Smp_179320;geneID=Smp_179320;gene_name=Smp_17
9320;owner=irisadmin@local.host;orig_id=Smp_179320.2;date_last_modif
ied=2022-08-02;Name=Smp_179320.1;product=argonaute
2-1;date_creation=2022-08-02
SM_V9_1 iris    exon    43797738        43797799        .       +
        .
Parent=Smp_179320.1;Name=f6b712bf-2573-4ca7-9112-8537e19cc3f9
SM_V9_1 iris    exon    43798487        43798570        .       +
        .       Parent=Smp_179320.1;Name=b39b7f2c-ec45-409f-
b99a-2c56f9d64ec0
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        .       Parent=Smp_179320.1;Name=6ed619f1-9df3-4366-
aa84-5b39939682ca
SM_V9_1 iris    exon    43800595        43800711        .       +
        .       Parent=Smp_179320.1;Name=017805d9-
da7c-4e1e-8536-17f9ae4c7ae9
SM_V9_1 iris    exon    43800800        43800826        .       +
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SM_V9_1 iris    exon    43800905        43801141        .       +
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e371-4d82-93d2-1bc5ee301f87
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SM_V9_1 iris    exon    43803068        43803344        .       +
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Parent=Smp_179320.1;Name=b74135dd-1f9b-4dcc-8027-57fcd6d106db
SM_V9_1 iris    exon    43803404        43803690        .       +
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b3c2359fbd7f
SM_V9_1 iris    exon    43803766        43803977        .       +
        .       Parent=Smp_179320.1;Name=5c8bd55c-b3a4-4682-
a7bb-4502215c943f
SM_V9_1 iris    exon    43804058        43804151        .       +
        .
Parent=Smp_179320.1;Name=c9ce40cb-4470-4406-94fb-82e8006100ad
SM_V9_1 iris    exon    43804190        43804512        .       +
        .
Parent=Smp_179320.1;Name=06098ea6-5265-4ab5-90ea-041dc2db88f4
SM_V9_1 iris    CDS     43797789        43797799        .       +
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SM_V9_1 iris    CDS     43798487        43798570        .       +
        1       Parent=Smp_179320.1
SM_V9_1 iris    CDS     43799683        43799742        .       +
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SM_V9_1 iris    CDS     43800595        43800711        .       +
        1       Parent=Smp_179320.1
SM_V9_1 iris    CDS     43800800        43800826        .       +
        1       Parent=Smp_179320.1
SM_V9_1 iris    CDS     43800905        43801141        .       +
        1       Parent=Smp_179320.1
SM_V9_1 iris    CDS     43801545        43801770        .       +
        1       Parent=Smp_179320.1
SM_V9_1 iris    CDS     43801803        43801988        .       +
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SM_V9_1 Liftoff exon    43838280        43839575        .       +
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SM_V9_1 Liftoff exon    43842830        43842907        .       +
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SM_V9_1 Liftoff exon    43843721        43843783        .       +
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SM_V9_1 Liftoff exon    43844330        43844458        .       +
        .       Parent=Smp_102690.1
SM_V9_1 Liftoff exon    43844549        43844575        .       +
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SM_V9_1 Liftoff exon    43846598        43846783        .       +
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        .       Parent=Smp_102690.1
SM_V9_1 Liftoff exon    43849465        43849608        .       +
        .       Parent=Smp_102690.1
SM_V9_1 Liftoff exon    43849682        43849814        .       +
        .       Parent=Smp_102690.1
SM_V9_1 Liftoff exon    43849895        43850187        .       +
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SM_V9_1 Liftoff CDS     43842830        43842907        .       +
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SM_V9_1 Liftoff CDS     43843721        43843783        .       +
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SM_V9_1 Liftoff CDS     43844330        43844458        .       +
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SM_V9_1 Liftoff CDS     43844549        43844575        .       +
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SM_V9_1 Liftoff CDS     43846339        43846564        .       +
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SM_V9_1 Liftoff CDS     43846598        43846783        .       +
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SM_V9_1 Liftoff CDS     43846821        43846968        .       +
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SM_V9_1 Liftoff CDS     43847008        43847159        .       +
        2       Parent=Smp_102690.1
SM_V9_1 Liftoff CDS     43847190        43847359        .       +
        0       Parent=Smp_102690.1
SM_V9_1 Liftoff CDS     43848237        43848447        .       +
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SM_V9_1 Liftoff CDS     43849465        43849608        .       +
        0       Parent=Smp_102690.1
SM_V9_1 Liftoff CDS     43849682        43849814        .       +
        0       Parent=Smp_102690.1
SM_V9_1 Liftoff CDS     43849895        43850187        .       +
        2       Parent=Smp_102690.1
SM_V9_1 Liftoff CDS     43850312        43850523        .       +
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SM_V9_1 Liftoff CDS     43850973        43851066        .       +
        1       Parent=Smp_102690.1
SM_V9_1 Liftoff CDS     43851102        43851371        .       +
        0       Parent=Smp_102690.1
SM_V9_1 iris    gene    43859313        43926740        .       +
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ID=Smp_315830;geneID=Smp_315830;gene_name=Smp_315830;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    43859313        43926740        .       +
        .
ID=Smp_315830.1;Parent=Smp_315830;geneID=Smp_315830;gene_name=Smp_31
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ied=2022-08-02;Name=Smp_315830.1;product=5-hydroxytryptamine
receptor 2A;date_creation=2022-07-28
SM_V9_1 iris    exon    43859313        43859838        .       +
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SM_V9_1 iris    exon    43914225        43914832        .       +
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SM_V9_1 iris    exon    43924654        43926740        .       +
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SM_V9_1 iris    CDS     43859505        43859838        .       +
        0       Parent=Smp_315830.1
SM_V9_1 iris    CDS     43914225        43914832        .       +
        2       Parent=Smp_315830.1
SM_V9_1 iris    CDS     43924654        43924917        .       +
        0       Parent=Smp_315830.1
SM_V9_1 iris    mRNA    43859320        43868735        .       +
        .
ID=Smp_315830.2;Parent=Smp_315830;geneID=Smp_315830;gene_name=Smp_31
5830;owner=irisadmin@local.host;orig_id=Smp_315830.2;date_last_modif
ied=2022-08-02;Name=Smp_315830.2;product=Muscarinic acetylcholine
receptor M5;date_creation=2022-07-28
SM_V9_1 iris    exon    43859320        43859838        .       +
        .
Parent=Smp_315830.2;Name=95363e67-22df-4c5e-8127-17625777a3c9
SM_V9_1 iris    exon    43865271        43865520        .       +
        .
Parent=Smp_315830.2;Name=ba4614ac-07e0-4ea7-93c2-8e12d73e2f78
SM_V9_1 iris    exon    43866477        43868735        .       +
        .       Parent=Smp_315830.2;Name=8bda88b4-f4cd-46ab-8341-
da9117a24c20
SM_V9_1 iris    CDS     43859505        43859838        .       +
        0       Parent=Smp_315830.2
SM_V9_1 iris    CDS     43865271        43865335        .       +
        2       Parent=Smp_315830.2
SM_V9_1 iris    gene    43933517        43945639        .       +
        .
ID=Smp_094320;geneID=Smp_094320;gene_name=Smp_094320;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    43933517        43945639        .       +
        .
ID=Smp_094320.1;Parent=Smp_094320;geneID=Smp_094320;gene_name=Smp_09
4320;owner=irisadmin@local.host;orig_id=Smp_094320.1;date_last_modif
ied=2022-08-02;Name=Smp_094320.1;product=Glucose-6-phosphate
isomerase;date_creation=2022-08-02
SM_V9_1 iris    exon    43933517        43933593        .       +
        .       Parent=Smp_094320.1;Name=604c89cc-
dbb9-4f1d-96a4-818f9e7ec11f
SM_V9_1 iris    exon    43939714        43939898        .       +
        .       Parent=Smp_094320.1;Name=e496b4af-c5dd-425e-9b81-
dcad706cd585
SM_V9_1 iris    exon    43939936        43940090        .       +
        .       Parent=Smp_094320.1;Name=d3230632-fe62-4275-a8df-
f876bf2274ab
SM_V9_1 iris    exon    43940125        43943148        .       +
        .
Parent=Smp_094320.1;Name=233d3c4d-4529-4855-9e14-24571245f1e4
SM_V9_1 iris    exon    43945495        43945639        .       +
        .       Parent=Smp_094320.1;Name=6895c30b-
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b430-43d7-8f04-97381c5e52de
SM_V9_1 iris    CDS     43939718        43939898        .       +
        0       Parent=Smp_094320.1
SM_V9_1 iris    CDS     43939936        43940090        .       +
        2       Parent=Smp_094320.1
SM_V9_1 iris    CDS     43940125        43943133        .       +
        0       Parent=Smp_094320.1
SM_V9_1 iris    gene    43948389        43956253        .       -
        .
ID=Smp_173840;geneID=Smp_173840;gene_name=Smp_173840;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    43948389        43956253        .       -
        .
ID=Smp_173840.1;Parent=Smp_173840;geneID=Smp_173840;gene_name=Smp_17
3840;owner=irisadmin@local.host;orig_id=Smp_173840.1;date_last_modif
ied=2022-11-12;Name=Smp_173840.1;product=26S proteasome subunit
ATPase 4;date_creation=2022-07-28
SM_V9_1 iris    exon    43948389        43948854        .       -
        .       Parent=Smp_173840.1;Name=1be986f8-b68b-4ac0-bf17-
fbc692d536b0
SM_V9_1 iris    exon    43949767        43950073        .       -
        .       Parent=Smp_173840.1;Name=bfb2405e-3adf-44a1-
bf8e-764bf43c0672
SM_V9_1 iris    exon    43953908        43954097        .       -
        .
Parent=Smp_173840.1;Name=f49d2a62-083c-4003-99f9-38b9b57716a4
SM_V9_1 iris    exon    43955308        43955533        .       -
        .       Parent=Smp_173840.1;Name=21fc0fa0-b874-456f-
a1eb-175f5a4dcdf1
SM_V9_1 iris    exon    43955573        43955758        .       -
        .
Parent=Smp_173840.1;Name=e131d8ff-9e5a-4435-8284-80f81dc829ef
SM_V9_1 iris    exon    43955793        43956011        .       -
        .       Parent=Smp_173840.1;Name=1e690a4f-d159-4a63-
b0c7-167726462588
SM_V9_1 iris    exon    43956043        43956087        .       -
        .       Parent=Smp_173840.1;Name=85fc6203-b6a3-4e33-
b971-94c60c40ec25
SM_V9_1 iris    exon    43956123        43956253        .       -
        .       Parent=Smp_173840.1;Name=98ad5616-fc3b-4638-a59c-
c1c6d50ba68b
SM_V9_1 iris    CDS     43948720        43948854        .       -
        0       Parent=Smp_173840.1
SM_V9_1 iris    CDS     43949767        43950073        .       -
        1       Parent=Smp_173840.1
SM_V9_1 iris    CDS     43953908        43954097        .       -
        2       Parent=Smp_173840.1
SM_V9_1 iris    CDS     43955308        43955533        .       -
        0       Parent=Smp_173840.1
SM_V9_1 iris    CDS     43955573        43955758        .       -
        0       Parent=Smp_173840.1
SM_V9_1 iris    CDS     43955793        43956011        .       -
        0       Parent=Smp_173840.1
SM_V9_1 iris    CDS     43956043        43956087        .       -
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        0       Parent=Smp_173840.1
SM_V9_1 iris    CDS     43956123        43956125        .       -
        0       Parent=Smp_173840.1
SM_V9_1 iris    gene    43968280        44018755        .       +
        .
ID=Smp_337200;geneID=Smp_337200;gene_name=Smp_337200;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    43968280        44018755        .       +
        .
ID=Smp_337200.1;Parent=Smp_337200;geneID=Smp_337200;gene_name=Smp_33
7200;owner=irisadmin@local.host;orig_id=Smp_337200.1;date_last_modif
ied=2022-08-02;Name=Smp_337200.1;product=Putative homeodomain
transcription factor 2;date_creation=2022-07-28
SM_V9_1 iris    exon    43968280        43968393        .       +
        .       Parent=Smp_337200.1;Name=bd2f2e6f-e0fd-40f2-
bc9a-89129892b504
SM_V9_1 iris    exon    43968433        43968489        .       +
        .       Parent=Smp_337200.1;Name=55b42be1-ba14-4cf7-adad-
eaac1d7fddf4
SM_V9_1 iris    exon    43972522        43972591        .       +
        .       Parent=Smp_337200.1;Name=3286178d-45cd-4e2b-
be83-0fe38eb93277
SM_V9_1 iris    exon    43977233        43977392        .       +
        .       Parent=Smp_337200.1;Name=693bb331-2c12-4031-bbeb-
c0411f2ef7a4
SM_V9_1 iris    exon    43977395        43977437        .       +
        .
Parent=Smp_337200.1;Name=59afe9cb-78da-4cff-8417-9e0cf3a4afad
SM_V9_1 iris    exon    43979640        43979956        .       +
        .       Parent=Smp_337200.1;Name=fd247bb7-4521-4a42-
ae1a-47e2d08f0f25
SM_V9_1 iris    exon    43981968        43982739        .       +
        .       Parent=Smp_337200.1;Name=8af8b3de-1859-49af-
a538-12f7892c29ce
SM_V9_1 iris    exon    43987293        43987869        .       +
        .       Parent=Smp_337200.1;Name=679df78d-494c-42f5-91d3-
bfea41c5673f
SM_V9_1 iris    exon    43989196        43989247        .       +
        .       Parent=Smp_337200.1;Name=fd7a97b7-4669-42f8-
af8b-74f04902c0c8
SM_V9_1 iris    exon    43991296        43991428        .       +
        .       Parent=Smp_337200.1;Name=e3d139bf-e318-4d6c-
a930-62cb54416ba7
SM_V9_1 iris    exon    43993732        43993777        .       +
        .       Parent=Smp_337200.1;Name=fde16720-
e7d5-4732-84c5-62d2add3f8cb
SM_V9_1 iris    exon    43997291        43997717        .       +
        .
Parent=Smp_337200.1;Name=e6e36149-76e3-4f80-92c4-707bee79c385
SM_V9_1 iris    exon    43999761        43999902        .       +
        .       Parent=Smp_337200.1;Name=c10c2826-2799-44d5-8cbd-
ddeb3de3747e
SM_V9_1 iris    exon    44003768        44004310        .       +
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Parent=Smp_337200.1;Name=95a22525-399c-407c-8514-5b60e3810d7f
SM_V9_1 iris    exon    44004661        44004712        .       +
        .
Parent=Smp_337200.1;Name=f74a2c4b-0baf-40f8-9cf3-7a97e260c77e
SM_V9_1 iris    exon    44006028        44006107        .       +
        .
Parent=Smp_337200.1;Name=6c8c1ca3-4c76-4062-8428-9b4b850643f8
SM_V9_1 iris    exon    44010828        44011279        .       +
        .       Parent=Smp_337200.1;Name=73663709-de7f-4f29-9cc7-
c16b99905272
SM_V9_1 iris    exon    44012782        44012878        .       +
        .       Parent=Smp_337200.1;Name=b66a237f-b592-4268-9bff-
fca5968a5343
SM_V9_1 iris    exon    44012977        44013195        .       +
        .       Parent=Smp_337200.1;Name=01393263-ac33-4cac-
bfba-34a8944b4cf5
SM_V9_1 iris    exon    44013927        44014085        .       +
        .       Parent=Smp_337200.1;Name=764aa033-a763-4934-a56f-
cca6d1912188
SM_V9_1 iris    exon    44016840        44018755        .       +
        .       Parent=Smp_337200.1;Name=82a5b13f-0d6e-49c8-
b041-440555b49a48
SM_V9_1 iris    CDS     43968352        43968393        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43968433        43968489        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43972522        43972591        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43977233        43977392        .       +
        2       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43977395        43977437        .       +
        1       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43979640        43979956        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43981968        43982739        .       +
        1       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43987293        43987869        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43989196        43989247        .       +
        2       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43991296        43991428        .       +
        1       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43993732        43993777        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43997291        43997717        .       +
        2       Parent=Smp_337200.1
SM_V9_1 iris    CDS     43999761        43999902        .       +
        1       Parent=Smp_337200.1
SM_V9_1 iris    CDS     44003768        44004310        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     44004661        44004712        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     44006028        44006107        .       +
        2       Parent=Smp_337200.1
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SM_V9_1 iris    CDS     44010828        44011279        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     44012782        44012878        .       +
        1       Parent=Smp_337200.1
SM_V9_1 iris    CDS     44012977        44013195        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     44013927        44014085        .       +
        0       Parent=Smp_337200.1
SM_V9_1 iris    CDS     44016840        44017097        .       +
        0       Parent=Smp_337200.1
SM_V9_1 Liftoff gene    44021891        44076726        .       -
        .
ID=Smp_332450;geneID=Smp_332450;previous_systematic_id=Smp_173820,Sm
p_201150
SM_V9_1 Liftoff mRNA    44021891        44076726        .       -
        .
ID=Smp_332450.1;Parent=Smp_332450;geneID=Smp_332450;product=Equilibr
ative nucleoside transporter 3;polypeptide_domain=InterPro:IPR002259
Pfam:PF01733;Ontology_term=GO:0005337,GO:0006810,GO:0016021
SM_V9_1 Liftoff exon    44021891        44022281        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44024244        44024443        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44026494        44026579        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44029156        44029324        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44033465        44033926        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44046874        44046983        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44052668        44052725        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44055939        44056024        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44070659        44070709        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44074447        44074544        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44075283        44075422        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff exon    44075458        44076726        .       -
        .       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44022167        44022281        .       -
        1       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44024244        44024443        .       -
        0       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44026494        44026579        .       -
        2       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44029156        44029324        .       -
        0       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44033465        44033926        .       -
        0       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44046874        44046983        .       -
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        2       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44052668        44052725        .       -
        0       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44055939        44056024        .       -
        2       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44070659        44070709        .       -
        2       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44074447        44074544        .       -
        1       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44075283        44075422        .       -
        0       Parent=Smp_332450.1
SM_V9_1 Liftoff CDS     44075458        44075562        .       -
        0       Parent=Smp_332450.1
SM_V9_1 iris    gene    44094130        44143251        .       +
        .
ID=Smp_194430;geneID=Smp_194430;gene_name=Smp_194430;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44094130        44143251        .       +
        .
ID=Smp_194430.1;Parent=Smp_194430;geneID=Smp_194430;gene_name=Smp_19
4430;owner=irisadmin@local.host;orig_id=Smp_194430.1;date_last_modif
ied=2022-08-02;Name=Smp_194430.1;product=Patronin;date_creation=2022
-07-28
SM_V9_1 iris    exon    44094130        44094192        .       +
        .       Parent=Smp_194430.1;Name=89d909c0-62b3-4c26-8904-
dbd153bb22dc
SM_V9_1 iris    exon    44094227        44094322        .       +
        .       Parent=Smp_194430.1;Name=cf86b359-
e036-4e94-9ec0-25872baaa1a3
SM_V9_1 iris    exon    44094367        44094466        .       +
        .
Parent=Smp_194430.1;Name=5ec47f37-959d-4a7b-9bea-2b20f43c5913
SM_V9_1 iris    exon    44098198        44098311        .       +
        .       Parent=Smp_194430.1;Name=83da0bc6-
c43d-457f-86a4-313caef9533d
SM_V9_1 iris    exon    44098368        44098590        .       +
        .       Parent=Smp_194430.1;Name=06640777-6963-4e05-a755-
b70db2d4cead
SM_V9_1 iris    exon    44102730        44102847        .       +
        .       Parent=Smp_194430.1;Name=31ad7fa1-d3c3-49c2-85de-
db321d85e3ca
SM_V9_1 iris    exon    44106303        44106507        .       +
        .       Parent=Smp_194430.1;Name=c2a23bec-5d9d-4135-
afd2-3e9fb4a6f69e
SM_V9_1 iris    exon    44109728        44110093        .       +
        .       Parent=Smp_194430.1;Name=68d7fcac-fb89-4c66-
b224-81727a70b66c
SM_V9_1 iris    exon    44112664        44113078        .       +
        .       Parent=Smp_194430.1;Name=69583004-2769-4df8-
bca4-05c88fa5d506
SM_V9_1 iris    exon    44116666        44116753        .       +
        .       Parent=Smp_194430.1;Name=ecb50e65-2c17-4830-a21b-
c45d224c6afd
SM_V9_1 iris    exon    44118233        44118569        .       +
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        .       Parent=Smp_194430.1;Name=d28d0e47-2464-4059-
a3a5-568d402cdcbe
SM_V9_1 iris    exon    44118692        44119362        .       +
        .       Parent=Smp_194430.1;Name=25b32914-4d1d-4e88-
a402-27bdae75bb6f
SM_V9_1 iris    exon    44126078        44126494        .       +
        .       Parent=Smp_194430.1;Name=3766cf43-a5f8-4c97-
acda-13e2643562ee
SM_V9_1 iris    exon    44128072        44128218        .       +
        .       Parent=Smp_194430.1;Name=0366011c-7473-49ea-
b68e-83d36776234e
SM_V9_1 iris    exon    44135435        44135663        .       +
        .       Parent=Smp_194430.1;Name=af37c963-
fdb4-41fa-9eda-89fb8aaa4e24
SM_V9_1 iris    exon    44137955        44138157        .       +
        .       Parent=Smp_194430.1;Name=7348cac4-eaa5-463f-
bb1b-8f62731f4aed
SM_V9_1 iris    exon    44141399        44141559        .       +
        .       Parent=Smp_194430.1;Name=ff9adc99-7c27-4d72-87a4-
fe6722d3fef1
SM_V9_1 iris    exon    44142842        44143251        .       +
        .       Parent=Smp_194430.1;Name=2789a90b-ed30-4887-ab57-
fed7461dee2f
SM_V9_1 iris    CDS     44094184        44094192        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44094227        44094322        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44094367        44094466        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44098198        44098311        .       +
        2       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44098368        44098590        .       +
        2       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44102730        44102847        .       +
        1       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44106303        44106507        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44109728        44110093        .       +
        2       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44112664        44113078        .       +
        2       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44116666        44116753        .       +
        1       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44118233        44118569        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44118692        44119362        .       +
        2       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44126078        44126494        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44128072        44128218        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44135435        44135663        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44137955        44138157        .       +
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        2       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44141399        44141559        .       +
        0       Parent=Smp_194430.1
SM_V9_1 iris    CDS     44142842        44143004        .       +
        1       Parent=Smp_194430.1
SM_V9_1 iris    gene    44144815        44162684        .       -
        .
ID=Smp_121420;geneID=Smp_121420;gene_name=Smp_121420;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44144815        44162684        .       -
        .
ID=Smp_121420.1;Parent=Smp_121420;geneID=Smp_121420;gene_name=Smp_12
1420;owner=irisadmin@local.host;orig_id=Smp_121420.1;date_last_modif
ied=2022-08-02;Name=Smp_121420.1;product=Glycylpeptide N-
tetradecanoyltransferase 1;date_creation=2022-07-28
SM_V9_1 iris    exon    44144815        44145264        .       -
        .       Parent=Smp_121420.1;Name=9a2a2c6a-97b4-4fb9-
b6c0-4849f012358f
SM_V9_1 iris    exon    44147368        44147505        .       -
        .       Parent=Smp_121420.1;Name=9581669e-
cb68-46b5-96a5-43cfa7283e60
SM_V9_1 iris    exon    44149584        44149751        .       -
        .
Parent=Smp_121420.1;Name=24e9c814-61c2-4c65-9111-8e79262f07e9
SM_V9_1 iris    exon    44150276        44150374        .       -
        .       Parent=Smp_121420.1;Name=96718b87-e272-42d4-
a328-8787a69d0472
SM_V9_1 iris    exon    44151399        44151579        .       -
        .       Parent=Smp_121420.1;Name=c7af8170-0a27-4ad6-
a3d2-8466eb4670b3
SM_V9_1 iris    exon    44152293        44152463        .       -
        .       Parent=Smp_121420.1;Name=51c2e5fd-6258-45bc-951b-
e589ebef951d
SM_V9_1 iris    exon    44153344        44153460        .       -
        .       Parent=Smp_121420.1;Name=ab2298b9-e96f-4032-abc5-
de396c3f4270
SM_V9_1 iris    exon    44154700        44154791        .       -
        .       Parent=Smp_121420.1;Name=c11fc691-be87-4232-a6ea-
ec810c3297d8
SM_V9_1 iris    exon    44157318        44157442        .       -
        .       Parent=Smp_121420.1;Name=b43b91ff-c876-4454-89af-
ef14e29a23b4
SM_V9_1 iris    exon    44159397        44159640        .       -
        .
Parent=Smp_121420.1;Name=5b9a7dcb-9e48-4d08-83d2-24fda56d3805
SM_V9_1 iris    exon    44162622        44162684        .       -
        .       Parent=Smp_121420.1;Name=989b4361-b9d8-4cfd-80d5-
f6af373563e4
SM_V9_1 iris    CDS     44145244        44145264        .       -
        0       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44147368        44147505        .       -
        0       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44149584        44149751        .       -
        0       Parent=Smp_121420.1
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SM_V9_1 iris    CDS     44150276        44150374        .       -
        0       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44151399        44151579        .       -
        1       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44152293        44152463        .       -
        1       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44153344        44153460        .       -
        1       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44154700        44154791        .       -
        0       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44157318        44157442        .       -
        2       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44159397        44159640        .       -
        0       Parent=Smp_121420.1
SM_V9_1 iris    CDS     44162622        44162642        .       -
        0       Parent=Smp_121420.1
SM_V9_1 Liftoff gene    44183790        44189524        .       +
        .       ID=Smp_121430;geneID=Smp_121430
SM_V9_1 Liftoff mRNA    44183790        44189524        .       +
        .
ID=Smp_121430.1;Parent=Smp_121430;geneID=Smp_121430;product=Proteaso
me subunit beta
type-3;polypeptide_domain=InterPro:IPR001353,IPR016050,IPR023333,IPR
029055,IPR033811
Pfam:PF00227;Ontology_term=GO:0004175,GO:0004298,GO:0005839,GO:00197
74,GO:0043161,GO:0051603
SM_V9_1 Liftoff exon    44183790        44183958        .       +
        .       Parent=Smp_121430.1
SM_V9_1 Liftoff exon    44183993        44184177        .       +
        .       Parent=Smp_121430.1
SM_V9_1 Liftoff exon    44184214        44184321        .       +
        .       Parent=Smp_121430.1
SM_V9_1 Liftoff exon    44184352        44184529        .       +
        .       Parent=Smp_121430.1
SM_V9_1 Liftoff exon    44185530        44185624        .       +
        .       Parent=Smp_121430.1
SM_V9_1 Liftoff exon    44189428        44189524        .       +
        .       Parent=Smp_121430.1
SM_V9_1 Liftoff CDS     44183956        44183958        .       +
        0       Parent=Smp_121430.1
SM_V9_1 Liftoff CDS     44183993        44184177        .       +
        0       Parent=Smp_121430.1
SM_V9_1 Liftoff CDS     44184214        44184321        .       +
        1       Parent=Smp_121430.1
SM_V9_1 Liftoff CDS     44184352        44184529        .       +
        1       Parent=Smp_121430.1
SM_V9_1 Liftoff CDS     44185530        44185624        .       +
        0       Parent=Smp_121430.1
SM_V9_1 Liftoff CDS     44189428        44189476        .       +
        1       Parent=Smp_121430.1
SM_V9_1 Liftoff gene    44192954        44207526        .       -
        .
ID=Smp_341860;geneID=Smp_341860;previous_systematic_id=Smp_121440,Sm
p_194450
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SM_V9_1 Liftoff mRNA    44192954        44207526        .       -
       .
ID=Smp_341860.1;Parent=Smp_341860;geneID=Smp_341860;product=Selenocy
steine insertion sequence-binding protein 2-
like;polypeptide_domain=InterPro:IPR004038,IPR029064 Pfam:PF01248
SM_V9_1 Liftoff exon    44192954        44194159        .       -
       .       Parent=Smp_341860.1
SM_V9_1 Liftoff exon    44196406        44196685        .       -
       .       Parent=Smp_341860.1
SM_V9_1 Liftoff exon    44196720        44207526        .       -
       .       Parent=Smp_341860.1
SM_V9_1 Liftoff CDS     44194149        44194159        .       -
       2       Parent=Smp_341860.1
SM_V9_1 Liftoff CDS     44196406        44196685        .       -
       0       Parent=Smp_341860.1
SM_V9_1 Liftoff CDS     44196720        44197439        .       -
       0       Parent=Smp_341860.1
SM_V9_1 iris    gene    44218823        44224106        .       +
       .
ID=Smp_121460;geneID=Smp_121460;gene_name=Smp_121460;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44218823        44224106        .       +
       .
ID=Smp_121460.1;Parent=Smp_121460;geneID=Smp_121460;gene_name=Smp_12
1460;owner=irisadmin@local.host;orig_id=Smp_121460.1;date_last_modif
ied=2022-08-02;Name=Smp_121460.1;product=Hypothetical
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    44218823        44218899        .       +
       .       Parent=Smp_121460.1;Name=feb32dce-61f5-466e-9091-
f3b3caf9c8c2
SM_V9_1 iris    exon    44220978        44221950        .       +
       .       Parent=Smp_121460.1;Name=59ec05d4-8375-49dc-bd1f-
e8d92e844184
SM_V9_1 iris    exon    44222462        44222529        .       +
       .
Parent=Smp_121460.1;Name=bd0e3da8-1933-4802-802b-097f1f4b0eba
SM_V9_1 iris    exon    44223844        44224106        .       +
       .       Parent=Smp_121460.1;Name=9e4a2e8a-e774-4b1b-9f45-
a636ba8efb38
SM_V9_1 iris    CDS     44218864        44218899        .       +
       0       Parent=Smp_121460.1
SM_V9_1 iris    CDS     44220978        44221950        .       +
       0       Parent=Smp_121460.1
SM_V9_1 iris    CDS     44222462        44222529        .       +
       2       Parent=Smp_121460.1
SM_V9_1 iris    CDS     44223844        44223948        .       +
       0       Parent=Smp_121460.1
SM_V9_1 iris    gene    44364137        44416496        .       -
       .
ID=Smp_127310;geneID=Smp_127310;gene_name=Smp_127310;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44364137        44416496        .       -
       .
ID=Smp_127310.1;Parent=Smp_127310;geneID=Smp_127310;gene_name=Smp_12
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7310;owner=irisadmin@local.host;orig_id=Smp_127310.1;date_last_modif
ied=2022-08-02;Name=Smp_127310.1;product=Type 2 dopamine
receptor;date_creation=2022-07-28
SM_V9_1 iris    exon    44364137        44364536        .       -
        .
Parent=Smp_127310.1;Name=ddbea3c0-78bb-475a-80e3-9fe9eb60a99b
SM_V9_1 iris    exon    44374665        44375998        .       -
        .
Parent=Smp_127310.1;Name=dd441cb5-5184-4093-9342-8d04a7593a47
SM_V9_1 iris    exon    44380494        44380606        .       -
        .       Parent=Smp_127310.1;Name=ec84f60d-
a547-4ee4-8853-82fcd177147e
SM_V9_1 iris    exon    44381398        44381891        .       -
        .       Parent=Smp_127310.1;Name=f91dbdf4-4e65-40d4-
bc22-672eec98bd51
SM_V9_1 iris    exon    44416325        44416496        .       -
        .       Parent=Smp_127310.1;Name=acbf69df-2939-41c5-ac41-
e0dafb237f81
SM_V9_1 iris    CDS     44364307        44364536        .       -
        2       Parent=Smp_127310.1
SM_V9_1 iris    CDS     44374665        44375998        .       -
        1       Parent=Smp_127310.1
SM_V9_1 iris    CDS     44380494        44380606        .       -
        0       Parent=Smp_127310.1
SM_V9_1 iris    CDS     44381398        44381790        .       -
        0       Parent=Smp_127310.1
SM_V9_1 iris    gene    44528892        44529939        .       -
        .
ID=Smp_009760;geneID=Smp_009760;gene_name=Smp_009760;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44528892        44529939        .       -
        .
ID=Smp_009760.1;Parent=Smp_009760;geneID=Smp_009760;gene_name=Smp_00
9760;owner=irisadmin@local.host;orig_id=Smp_009760.1;date_last_modif
ied=2022-08-02;Name=Smp_009760.1;product=14-3-3 protein homolog
1;date_creation=2022-07-28
SM_V9_1 iris    exon    44528892        44529053        .       -
        .       Parent=Smp_009760.1;Name=66b8ee08-d0aa-4721-
b3f6-85414a372a68
SM_V9_1 iris    exon    44529092        44529472        .       -
        .
Parent=Smp_009760.1;Name=2f4ef78a-6aff-48a1-9b63-43539c7033ec
SM_V9_1 iris    exon    44529508        44529939        .       -
        .
Parent=Smp_009760.1;Name=24af98e9-240f-42dd-8f47-6089f963d4f7
SM_V9_1 iris    CDS     44529003        44529053        .       -
        0       Parent=Smp_009760.1
SM_V9_1 iris    CDS     44529092        44529472        .       -
        0       Parent=Smp_009760.1
SM_V9_1 iris    CDS     44529508        44529834        .       -
        0       Parent=Smp_009760.1
SM_V9_1 Liftoff gene    44557823        44562977        .       +
        .
ID=Smp_301610;geneID=Smp_301610;previous_systematic_id=Smp_009780,Sm
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p_127330
SM_V9_1 Liftoff mRNA    44557823        44562977        .       +
        .
ID=Smp_301610.1;Parent=Smp_301610;geneID=Smp_301610;product=Homeotic
protein female sterile
SM_V9_1 Liftoff exon    44557823        44562977        .       +
        .       Parent=Smp_301610.1
SM_V9_1 Liftoff CDS     44560666        44560872        .       +
        0       Parent=Smp_301610.1
SM_V9_1 iris    gene    44568223        44569199        .       -
        .
ID=Smp_301620;geneID=Smp_301620;gene_name=Smp_301620;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44568223        44569199        .       -
        .
ID=Smp_301620.1;Parent=Smp_301620;geneID=Smp_301620;gene_name=Smp_30
1620;owner=irisadmin@local.host;orig_id=Smp_301620.1;date_last_modif
ied=2022-08-02;Name=Smp_301620.1;product=14-3-3 protein homolog
1;date_creation=2022-07-28
SM_V9_1 iris    exon    44568223        44568381        .       -
        .       Parent=Smp_301620.1;Name=e5c05996-a599-418c-
a934-7c08f0e2bdd2
SM_V9_1 iris    exon    44568420        44568800        .       -
        .       Parent=Smp_301620.1;Name=9d84b2ee-be47-4aef-
ae3f-5afcee128ca1
SM_V9_1 iris    exon    44568836        44569199        .       -
        .       Parent=Smp_301620.1;Name=76a0cf9b-7e59-4ada-9d03-
b07046b247a8
SM_V9_1 iris    CDS     44568334        44568381        .       -
        0       Parent=Smp_301620.1
SM_V9_1 iris    CDS     44568420        44568800        .       -
        0       Parent=Smp_301620.1
SM_V9_1 iris    CDS     44568836        44569162        .       -
        0       Parent=Smp_301620.1
SM_V9_1 iris    gene    44607231        44626577        .       +
        .
ID=Smp_337140;geneID=Smp_337140;gene_name=Smp_337140;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44607231        44626577        .       +
        .
ID=Smp_337140.1;Parent=Smp_337140;geneID=Smp_337140;gene_name=Smp_33
7140;owner=irisadmin@local.host;orig_id=Smp_337140.2;date_last_modif
ied=2022-08-02;Name=Smp_337140.1;product=Probable Golgi SNAP
receptor complex member 2;date_creation=2022-07-28
SM_V9_1 iris    exon    44607231        44607471        .       +
        .       Parent=Smp_337140.1;Name=f46f31bb-f16f-405e-
b5fb-0c0b87db168a
SM_V9_1 iris    exon    44607503        44607615        .       +
        .       Parent=Smp_337140.1;Name=3127983d-fad7-483b-9872-
f21d0b54ebd0
SM_V9_1 iris    exon    44611321        44611401        .       +
        .       Parent=Smp_337140.1;Name=6fd3fe1d-359f-4afa-8412-
c0097d5e6aa3
SM_V9_1 iris    exon    44615308        44615428        .       +
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        .
Parent=Smp_337140.1;Name=5fcaa039-0940-4240-94cc-48bef275ef7c
SM_V9_1 iris    exon    44616839        44617095        .       +
        .       Parent=Smp_337140.1;Name=60cfac7c-060d-45eb-b7a5-
e4d9eea0948e
SM_V9_1 iris    exon    44619636        44619850        .       +
        .       Parent=Smp_337140.1;Name=471bae93-4774-4e78-97b0-
d065e91faee5
SM_V9_1 iris    exon    44621674        44621857        .       +
        .       Parent=Smp_337140.1;Name=6c111f6d-f340-4b49-
a3d2-05587f2376db
SM_V9_1 iris    exon    44623204        44623387        .       +
        .       Parent=Smp_337140.1;Name=06811ca7-89b5-49ff-
ad29-03afeb025d18
SM_V9_1 iris    exon    44626360        44626577        .       +
        .       Parent=Smp_337140.1;Name=815fd336-baf7-4f99-b296-
cf51b1eb223f
SM_V9_1 iris    CDS     44607282        44607471        .       +
        0       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44607503        44607615        .       +
        2       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44611321        44611401        .       +
        0       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44615308        44615428        .       +
        0       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44616839        44617095        .       +
        2       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44619636        44619850        .       +
        0       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44621674        44621857        .       +
        1       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44623204        44623387        .       +
        0       Parent=Smp_337140.1
SM_V9_1 iris    CDS     44626360        44626397        .       +
        2       Parent=Smp_337140.1
SM_V9_1 iris    gene    44628372        44633217        .       +
        .
ID=Smp_337145;geneID=Smp_337145;gene_name=Smp_337145;owner=irisadmin
@local.host;date_last_modified=2022-07-28;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44628372        44633217        .       +
        .
ID=Smp_337145.1;Parent=Smp_337145;geneID=Smp_337145;gene_name=Smp_33
7145;owner=irisadmin@local.host;orig_id=Smp_337140.2;date_last_modif
ied=2022-07-28;Name=Smp_337145.1;date_creation=2022-07-28
SM_V9_1 iris    exon    44628372        44628537        .       +
        .       Parent=Smp_337145.1;Name=Smp_337145.1-CDS
SM_V9_1 iris    exon    44631154        44631299        .       +
        .       Parent=Smp_337145.1;Name=a20a840a-0fa3-4587-
bb5b-23a71dcf93c2
SM_V9_1 iris    exon    44631466        44631684        .       +
        .
Parent=Smp_337145.1;Name=1fdbf1fc-94ed-4cc2-97bc-049c2581a1bf
SM_V9_1 iris    exon    44632792        44633217        .       +
        .       Parent=Smp_337145.1;Name=f4c52427-d78b-40b1-
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bfe0-708ba5f35d5f
SM_V9_1 iris    CDS     44628379        44628537        .       +
        0       Parent=Smp_337145.1
SM_V9_1 iris    CDS     44631154        44631299        .       +
        0       Parent=Smp_337145.1
SM_V9_1 iris    CDS     44631466        44631684        .       +
        1       Parent=Smp_337145.1
SM_V9_1 iris    CDS     44632792        44632966        .       +
        1       Parent=Smp_337145.1
SM_V9_1 iris    gene    44645033        44683967        .       +
        .
ID=Smp_009800;geneID=Smp_009800;gene_name=Smp_009800;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44645033        44683967        .       +
        .
ID=Smp_009800.1;Parent=Smp_009800;geneID=Smp_009800;gene_name=Smp_00
9800;owner=irisadmin@local.host;orig_id=Smp_009800.1;date_last_modif
ied=2022-08-02;Name=Smp_009800.1;product=Serine/threonine-protein
kinase Nek10;date_creation=2022-07-28
SM_V9_1 iris    exon    44645033        44645221        .       +
        .       Parent=Smp_009800.1;Name=00dd7b4f-
a21e-4ca4-8e9a-9a0abe001dbf
SM_V9_1 iris    exon    44647623        44647796        .       +
        .       Parent=Smp_009800.1;Name=66e3eea4-55c5-462d-b8ce-
b52f05a588d2
SM_V9_1 iris    exon    44649410        44649530        .       +
        .       Parent=Smp_009800.1;Name=f9064939-0892-48c7-8459-
f0e8015d2385
SM_V9_1 iris    exon    44651446        44651675        .       +
        .
Parent=Smp_009800.1;Name=009960f9-8098-4aa0-98e0-33414cb5c4b0
SM_V9_1 iris    exon    44655203        44655335        .       +
        .       Parent=Smp_009800.1;Name=8d0649ab-b1ff-468d-bc0f-
cbe1cb76c5e1
SM_V9_1 iris    exon    44656344        44656383        .       +
        .       Parent=Smp_009800.1;Name=0587a8d0-b5f1-4ef8-9f66-
fdfa9fc57702
SM_V9_1 iris    exon    44656970        44657202        .       +
        .       Parent=Smp_009800.1;Name=b3963589-2014-4a93-
aaac-1eedb492e5e1
SM_V9_1 iris    exon    44659176        44659346        .       +
        .       Parent=Smp_009800.1;Name=ea73d61d-ca6e-4e47-b2b2-
be94f6243600
SM_V9_1 iris    exon    44660146        44660319        .       +
        .       Parent=Smp_009800.1;Name=dd77ffdb-3eaa-4380-a2e9-
c0359f8fbb78
SM_V9_1 iris    exon    44663679        44663820        .       +
        .       Parent=Smp_009800.1;Name=58e0e78d-40e0-48cd-bd6b-
cc0f7f0f3984
SM_V9_1 iris    exon    44665660        44665874        .       +
        .       Parent=Smp_009800.1;Name=9b2598cb-79b8-4e5f-
aa06-3753efb97ac3
SM_V9_1 iris    exon    44667372        44667460        .       +
        .       Parent=Smp_009800.1;Name=5d5c269c-fe8f-4dd6-b0f3-
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f4b4dfd2821e
SM_V9_1 iris    exon    44669491        44669741        .       +
        .
Parent=Smp_009800.1;Name=17b64b5e-18a9-427b-8360-930439a81372
SM_V9_1 iris    exon    44671913        44672094        .       +
        .       Parent=Smp_009800.1;Name=15d6ad25-
ffa9-48d6-8037-8fea6e172909
SM_V9_1 iris    exon    44674663        44674690        .       +
        .       Parent=Smp_009800.1;Name=6e0a5e38-
c132-4be6-9a25-333ed35b7bf9
SM_V9_1 iris    exon    44676974        44677157        .       +
        .       Parent=Smp_009800.1;Name=f7db6923-90fe-422b-
b392-31982af81338
SM_V9_1 iris    exon    44680418        44680572        .       +
        .
Parent=Smp_009800.1;Name=38a729ef-2ebe-4faa-86b7-2ce3e6f721e4
SM_V9_1 iris    exon    44683722        44683967        .       +
        .       Parent=Smp_009800.1;Name=5cd41644-
ae21-41ea-8a2c-0eb1e59d1f33
SM_V9_1 iris    CDS     44647756        44647796        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44649410        44649530        .       +
        1       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44651446        44651675        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44655203        44655335        .       +
        1       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44656344        44656383        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44656970        44657202        .       +
        2       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44659176        44659346        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44660146        44660319        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44663679        44663820        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44665660        44665874        .       +
        2       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44667372        44667460        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44669491        44669741        .       +
        1       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44671913        44672094        .       +
        2       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44674663        44674690        .       +
        0       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44676974        44677157        .       +
        2       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44680418        44680572        .       +
        1       Parent=Smp_009800.1
SM_V9_1 iris    CDS     44683722        44683834        .       +
        2       Parent=Smp_009800.1
SM_V9_1 iris    gene    44687025        44691019        .       -
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        .
ID=Smp_127360;geneID=Smp_127360;gene_name=Smp_127360;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    44687025        44691019        .       -
        .
ID=Smp_127360.1;Parent=Smp_127360;geneID=Smp_127360;gene_name=Smp_12
7360;owner=irisadmin@local.host;orig_id=Smp_127360.1;date_last_modif
ied=2022-08-16;Name=Smp_127360.1;product=Elongation factor
P;date_creation=2022-08-16
SM_V9_1 iris    exon    44687025        44687328        .       -
        .       Parent=Smp_127360.1;Name=869da9b6-680b-4d22-a1b8-
a438c7c4321b
SM_V9_1 iris    exon    44687373        44687455        .       -
        .       Parent=Smp_127360.1;Name=8c58546b-5097-400b-b2ef-
bb545fb9f06c
SM_V9_1 iris    exon    44690506        44690663        .       -
        .
Parent=Smp_127360.1;Name=7189e9ab-994e-44d6-9cec-9b14a1c236d7
SM_V9_1 iris    exon    44690723        44691019        .       -
        .
Parent=Smp_127360.1;Name=1cd95fb8-25a6-430a-9487-10174bbf4fff
SM_V9_1 iris    CDS     44687417        44687455        .       -
        0       Parent=Smp_127360.1
SM_V9_1 iris    CDS     44690506        44690663        .       -
        2       Parent=Smp_127360.1
SM_V9_1 iris    CDS     44690723        44690981        .       -
        0       Parent=Smp_127360.1
SM_V9_1 Liftoff gene    44711431        44712134        .       -
        .       ID=Smp_319200;geneID=Smp_319200
SM_V9_1 Liftoff mRNA    44711431        44712134        .       -
        .
ID=Smp_319200.1;Parent=Smp_319200;geneID=Smp_319200;product=Eukaryot
ic translation initiation factor 3 subunit
I;polypeptide_domain=InterPro:IPR016186,IPR016187
SM_V9_1 Liftoff exon    44711431        44712134        .       -
        .       Parent=Smp_319200.1
SM_V9_1 Liftoff CDS     44711457        44712074        .       -
        0       Parent=Smp_319200.1
SM_V9_1 iris    gene    44716426        44722402        .       -
        .
ID=Smp_009810;geneID=Smp_009810;gene_name=Smp_009810;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_1 iris    mRNA    44716426        44722402        .       -
        .
ID=Smp_009810.1;Parent=Smp_009810;geneID=Smp_009810;gene_name=Smp_00
9810;owner=irisadmin@local.host;orig_id=Smp_009810.2;date_last_modif
ied=2022-08-02;Name=Smp_009810.1;product=Beta-1,3-galactosyl-O-
glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase
3;date_creation=2022-08-02
SM_V9_1 iris    exon    44716426        44717008        .       -
        .       Parent=Smp_009810.1;Name=33971732-931b-4d57-a764-
c3e58608e10d
SM_V9_1 iris    exon    44719199        44720076        .       -
        .       Parent=Smp_009810.1;Name=11560d83-e1e2-4160-aead-
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dda39b6264fc
SM_V9_1 iris    exon    44722365        44722402        .       -
        .       Parent=Smp_009810.1;Name=91b0764f-29e9-45e9-9688-
d55773316804
SM_V9_1 iris    CDS     44716499        44717008        .       -
        0       Parent=Smp_009810.1
SM_V9_1 iris    CDS     44719199        44720050        .       -
        0       Parent=Smp_009810.1
SM_V9_1 iris    gene    44747382        44752793        .       +
        .
ID=Smp_127370;geneID=Smp_127370;gene_name=Smp_127370;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44747382        44752793        .       +
        .
ID=Smp_127370.1;Parent=Smp_127370;geneID=Smp_127370;gene_name=Smp_12
7370;owner=irisadmin@local.host;orig_id=Smp_127370.1;date_last_modif
ied=2022-08-02;Name=Smp_127370.1;product=Beta-1,3-galactosyl-O-
glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase
3;date_creation=2022-07-28
SM_V9_1 iris    exon    44747382        44748375        .       +
        .       Parent=Smp_127370.1;Name=34e52c2b-ead3-449e-
b1be-3477fecfbbb5
SM_V9_1 iris    exon    44750480        44752793        .       +
        .
Parent=Smp_127370.1;Name=a9ad4fc8-9719-4bac-9401-505b77d985d2
SM_V9_1 iris    CDS     44747590        44748375        .       +
        0       Parent=Smp_127370.1
SM_V9_1 iris    CDS     44750480        44750989        .       +
        0       Parent=Smp_127370.1
SM_V9_1 Liftoff gene    44758353        44764364        .       -
        .       ID=Smp_009830;geneID=Smp_009830
SM_V9_1 Liftoff mRNA    44758353        44764364        .       -
        .
ID=Smp_009830.1;Parent=Smp_009830;geneID=Smp_009830;product=Transloc
on-associated protein subunit
beta;polypeptide_domain=InterPro:IPR008856
Pfam:PF05753;Ontology_term=GO:0005783,GO:0016021
SM_V9_1 Liftoff exon    44758353        44758631        .       -
        .       Parent=Smp_009830.1
SM_V9_1 Liftoff exon    44759972        44760049        .       -
        .       Parent=Smp_009830.1
SM_V9_1 Liftoff exon    44762133        44762340        .       -
        .       Parent=Smp_009830.1
SM_V9_1 Liftoff exon    44764129        44764364        .       -
        .       Parent=Smp_009830.1
SM_V9_1 Liftoff CDS     44758545        44758631        .       -
        0       Parent=Smp_009830.1
SM_V9_1 Liftoff CDS     44759972        44760049        .       -
        0       Parent=Smp_009830.1
SM_V9_1 Liftoff CDS     44762133        44762340        .       -
        1       Parent=Smp_009830.1
SM_V9_1 Liftoff CDS     44764129        44764295        .       -
        0       Parent=Smp_009830.1
SM_V9_1 iris    gene    44772288        44827384        .       +
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        .
ID=Smp_127380;geneID=Smp_127380;gene_name=Smp_127380;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    44772288        44827384        .       +
        .
ID=Smp_127380.1;Parent=Smp_127380;geneID=Smp_127380;gene_name=Smp_12
7380;owner=irisadmin@local.host;orig_id=Smp_127380.1;date_last_modif
ied=2022-08-16;Name=Smp_127380.1;product=Trafficking kinesin-binding
protein 1;date_creation=2022-08-16
SM_V9_1 iris    exon    44772288        44772408        .       +
        .       Parent=Smp_127380.1;Name=d149f8d2-74f1-44ec-
a154-9ce334839183
SM_V9_1 iris    exon    44774619        44774664        .       +
        .
Parent=Smp_127380.1;Name=09a89cce-3e98-46f9-9080-4e7895a44048
SM_V9_1 iris    exon    44776956        44777528        .       +
        .       Parent=Smp_127380.1;Name=2ebf77d8-3731-4801-a94e-
e6c816c2ed0e
SM_V9_1 iris    exon    44794626        44794702        .       +
        .       Parent=Smp_127380.1;Name=4fd135ac-299b-408f-
bfb9-1d3f0006e176
SM_V9_1 iris    exon    44795716        44795832        .       +
        .
Parent=Smp_127380.1;Name=7f50da8f-0be8-4e70-9f91-7f0b327f1e62
SM_V9_1 iris    exon    44797730        44797881        .       +
        .       Parent=Smp_127380.1;Name=0556b08d-a955-4955-b9ff-
cac89cbebc45
SM_V9_1 iris    exon    44805677        44805785        .       +
        .       Parent=Smp_127380.1;Name=71ed451b-12d1-4e01-85c6-
cf9e150d62e0
SM_V9_1 iris    exon    44806989        44807198        .       +
        .
Parent=Smp_127380.1;Name=7b317b1a-31cd-46f9-9170-88c559950873
SM_V9_1 iris    exon    44808808        44808939        .       +
        .       Parent=Smp_127380.1;Name=0df16092-
da22-4070-9e3b-789b07eb8eea
SM_V9_1 iris    exon    44813491        44813819        .       +
        .       Parent=Smp_127380.1;Name=4af26135-82f4-4f98-
b906-62ebfc083fa1
SM_V9_1 iris    exon    44814517        44814704        .       +
        .       Parent=Smp_127380.1;Name=4ccf937c-920a-404c-9809-
de1410f492eb
SM_V9_1 iris    exon    44815934        44816106        .       +
        .       Parent=Smp_127380.1;Name=f6382e0e-
bef0-4489-834f-24d9d67c81ab
SM_V9_1 iris    exon    44817058        44817077        .       +
        .
Parent=Smp_127380.1;Name=e5356e65-8bf7-46a1-83c4-8abd8f0c6e96
SM_V9_1 iris    exon    44817465        44817689        .       +
        .       Parent=Smp_127380.1;Name=5137802a-2268-4846-
ba02-228a21ae20c3
SM_V9_1 iris    exon    44819023        44819321        .       +
        .       Parent=Smp_127380.1;Name=cafc44b3-1b02-4806-
aeab-19a26a91bc55
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SM_V9_1 iris    exon    44820367        44820421        .       +
        .       Parent=Smp_127380.1;Name=cd6fa1d7-
bbcf-4249-995b-178948bbad5a
SM_V9_1 iris    exon    44825767        44827384        .       +
        .       Parent=Smp_127380.1;Name=0c4c1e87-48d7-433c-9db9-
fd1b84e6960d
SM_V9_1 iris    CDS     44774661        44774664        .       +
        0       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44776956        44777528        .       +
        2       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44794626        44794702        .       +
        2       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44795716        44795832        .       +
        0       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44797730        44797881        .       +
        0       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44805677        44805785        .       +
        1       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44806989        44807198        .       +
        0       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44808808        44808939        .       +
        0       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44813491        44813819        .       +
        0       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44814517        44814704        .       +
        1       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44815934        44816106        .       +
        2       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44817058        44817077        .       +
        0       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44817465        44817689        .       +
        1       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44819023        44819321        .       +
        1       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44820367        44820421        .       +
        2       Parent=Smp_127380.1
SM_V9_1 iris    CDS     44825767        44826508        .       +
        1       Parent=Smp_127380.1
SM_V9_1 iris    mRNA    44785228        44827384        .       +
        .
ID=Smp_127380.2;Parent=Smp_127380;geneID=Smp_127380;gene_name=Smp_12
7380;owner=irisadmin@local.host;orig_id=Smp_127380.2;date_last_modif
ied=2022-08-16;Name=Smp_127380.2;product=Trafficking kinesin-binding
protein 1;date_creation=2022-08-16
SM_V9_1 iris    exon    44785228        44785432        .       +
        .       Parent=Smp_127380.2;Name=09ef0f27-3c9b-4f8d-bbf0-
fba3bde302fd
SM_V9_1 iris    exon    44794626        44794702        .       +
        .       Parent=Smp_127380.2;Name=0b7564c8-f59b-4baa-
bf94-385827219305
SM_V9_1 iris    exon    44795716        44795832        .       +
        .       Parent=Smp_127380.2;Name=1438bb4f-97bc-483f-b923-
aecff2b410b0
SM_V9_1 iris    exon    44797730        44797881        .       +
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        .       Parent=Smp_127380.2;Name=57b8a3d9-987a-4811-
aacd-7ee126418808
SM_V9_1 iris    exon    44805677        44805785        .       +
        .       Parent=Smp_127380.2;Name=736c52c0-6793-4aa3-aa9b-
ccb9d41f7aa6
SM_V9_1 iris    exon    44806989        44807198        .       +
        .       Parent=Smp_127380.2;Name=011ed087-4653-4f84-9b60-
e1c149f5e245
SM_V9_1 iris    exon    44808808        44808939        .       +
        .       Parent=Smp_127380.2;Name=28fec031-91d7-44e5-b7fa-
d55941c3dd01
SM_V9_1 iris    exon    44813491        44813819        .       +
        .       Parent=Smp_127380.2;Name=8ca00d72-840e-428a-ac9a-
b31eae4e4f42
SM_V9_1 iris    exon    44814517        44814704        .       +
        .       Parent=Smp_127380.2;Name=1db92b6d-5362-4f76-a974-
ecc53ea95f58
SM_V9_1 iris    exon    44815934        44816106        .       +
        .       Parent=Smp_127380.2;Name=1614bb1b-e49b-464c-
a2ff-4f08e432c04a
SM_V9_1 iris    exon    44817058        44817077        .       +
        .       Parent=Smp_127380.2;Name=0d90af7c-5ed4-4b28-8a0b-
ba063025b871
SM_V9_1 iris    exon    44817465        44817689        .       +
        .       Parent=Smp_127380.2;Name=fa4756e7-d6ac-4a11-b131-
cb8e579a6e46
SM_V9_1 iris    exon    44819023        44819321        .       +
        .       Parent=Smp_127380.2;Name=3980e25c-f34d-49b5-b125-
c6ce3f528402
SM_V9_1 iris    exon    44820367        44820421        .       +
        .       Parent=Smp_127380.2;Name=2ae0aad4-8053-4490-8043-
d99a73f67d77
SM_V9_1 iris    exon    44825767        44827384        .       +
        .       Parent=Smp_127380.2;Name=c0f00bda-d17f-4721-83c3-
b48e12c4d324
SM_V9_1 iris    CDS     44785387        44785432        .       +
        0       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44794626        44794702        .       +
        2       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44795716        44795832        .       +
        0       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44797730        44797881        .       +
        0       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44805677        44805785        .       +
        1       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44806989        44807198        .       +
        0       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44808808        44808939        .       +
        0       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44813491        44813819        .       +
        0       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44814517        44814704        .       +
        1       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44815934        44816106        .       +
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        2       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44817058        44817077        .       +
        0       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44817465        44817689        .       +
        1       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44819023        44819321        .       +
        1       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44820367        44820421        .       +
        2       Parent=Smp_127380.2
SM_V9_1 iris    CDS     44825767        44826508        .       +
        1       Parent=Smp_127380.2
SM_V9_1 iris    gene    44842938        44977342        .       +
        .
ID=Smp_315790;geneID=Smp_315790;gene_name=Smp_315790;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    44842938        44977342        .       +
        .
ID=Smp_315790.1;Parent=Smp_315790;geneID=Smp_315790;gene_name=Smp_31
5790;owner=irisadmin@local.host;orig_id=Smp_315790.1;date_last_modif
ied=2022-08-16;Name=Smp_315790.1;product=5'-AMP-activated protein
kinase subunit gamma-2;date_creation=2022-08-16
SM_V9_1 iris    exon    44842938        44843046        .       +
        .       Parent=Smp_315790.1;Name=5d819fa9-
a0d4-4cf8-8ae5-260d3c9dfafd
SM_V9_1 iris    exon    44849276        44850147        .       +
        .       Parent=Smp_315790.1;Name=68d6a5a9-c064-42f7-81dc-
ea73cd40d4ba
SM_V9_1 iris    exon    44928250        44929134        .       +
        .       Parent=Smp_315790.1;Name=49fdbfe6-5db5-436f-b17b-
c6cbe400736c
SM_V9_1 iris    exon    44930151        44930196        .       +
        .       Parent=Smp_315790.1;Name=45737eed-afa9-4873-b14d-
bbeec27a031f
SM_V9_1 iris    exon    44944455        44944870        .       +
        .       Parent=Smp_315790.1;Name=a32e584b-f0b8-4023-
b1fc-89fb962d0258
SM_V9_1 iris    exon    44955462        44955501        .       +
        .       Parent=Smp_315790.1;Name=987ea2fd-6f8b-4ec0-963a-
a9f6951a0826
SM_V9_1 iris    exon    44957730        44957827        .       +
        .       Parent=Smp_315790.1;Name=ca7d3b0a-6d20-4801-
b396-5cfd593abdef
SM_V9_1 iris    exon    44959743        44959956        .       +
        .
Parent=Smp_315790.1;Name=02de0287-4c36-4e4f-9fb9-0a23da789949
SM_V9_1 iris    exon    44964893        44965581        .       +
        .       Parent=Smp_315790.1;Name=5a6269e0-c0b6-4469-960a-
bee25f11933d
SM_V9_1 iris    exon    44968688        44968864        .       +
        .       Parent=Smp_315790.1;Name=819114f6-fc9b-4e2a-
bc9d-055b34ac3377
SM_V9_1 iris    exon    44971171        44971239        .       +
        .       Parent=Smp_315790.1;Name=eb5638ee-ec45-4ed5-8b0d-
c2afce4cb7d4
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SM_V9_1 iris    exon    44972203        44972307        .       +
        .       Parent=Smp_315790.1;Name=cc826429-baa1-4ec3-8150-
f6eadccc264e
SM_V9_1 iris    exon    44975311        44977342        .       +
        .
Parent=Smp_315790.1;Name=4a87f600-6149-429d-8e3a-961192a23dfc
SM_V9_1 iris    CDS     44849317        44850147        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44928250        44929134        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44930151        44930196        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44944455        44944870        .       +
        2       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44955462        44955501        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44957730        44957827        .       +
        2       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44959743        44959956        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44964893        44965581        .       +
        2       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44968688        44968864        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44971171        44971239        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44972203        44972307        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    CDS     44975311        44976006        .       +
        0       Parent=Smp_315790.1
SM_V9_1 iris    mRNA    44916422        44977342        .       +
        .
ID=Smp_315790.2;Parent=Smp_315790;geneID=Smp_315790;gene_name=Smp_31
5790;owner=irisadmin@local.host;date_last_modified=2022-08-16;Name=S
mp_315790.2;date_creation=2022-08-16
SM_V9_1 iris    exon    44916422        44916641        .       +
        .
Parent=Smp_315790.2;Name=0b8c1b41-2b09-4a16-8e6d-3b533f4a0e23
SM_V9_1 iris    exon    44928250        44929134        .       +
        .       Parent=Smp_315790.2;Name=b068b46f-7a99-417f-
a240-2b136b35e693
SM_V9_1 iris    exon    44930151        44930196        .       +
        .       Parent=Smp_315790.2;Name=41fc169f-a837-48d1-a958-
a9a3a45e125e
SM_V9_1 iris    exon    44944455        44944870        .       +
        .       Parent=Smp_315790.2;Name=9291321b-8520-473b-bb4a-
a80bd1e77603
SM_V9_1 iris    exon    44955462        44955501        .       +
        .       Parent=Smp_315790.2;Name=98d51b9a-4eff-4b05-
ae1d-5af6cf5fe0bf
SM_V9_1 iris    exon    44957730        44957827        .       +
        .       Parent=Smp_315790.2;Name=47d64b91-
af01-4451-8446-3c321be2ed02
SM_V9_1 iris    exon    44959743        44959956        .       +
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        .       Parent=Smp_315790.2;Name=399d69d4-2e51-4b5a-9ec5-
a8e5194fe929
SM_V9_1 iris    exon    44964893        44965581        .       +
        .
Parent=Smp_315790.2;Name=c149260e-640d-46b5-8c0e-6bf92d5dba9d
SM_V9_1 iris    exon    44968688        44968864        .       +
        .       Parent=Smp_315790.2;Name=f63a6850-ca0c-4e4f-91b4-
f479cc1bee13
SM_V9_1 iris    exon    44971171        44971239        .       +
        .       Parent=Smp_315790.2;Name=571a8937-a962-4cd1-8be0-
c1cac264f0df
SM_V9_1 iris    exon    44972203        44972307        .       +
        .
Parent=Smp_315790.2;Name=994acc38-824d-425e-861e-1e93d734051b
SM_V9_1 iris    exon    44975311        44977342        .       +
        .
Parent=Smp_315790.2;Name=8391a203-7252-461f-84a6-4cf7a586ca91
SM_V9_1 iris    CDS     44928253        44929134        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44930151        44930196        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44944455        44944870        .       +
        2       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44955462        44955501        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44957730        44957827        .       +
        2       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44959743        44959956        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44964893        44965581        .       +
        2       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44968688        44968864        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44971171        44971239        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44972203        44972307        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    CDS     44975311        44976006        .       +
        0       Parent=Smp_315790.2
SM_V9_1 iris    gene    44984939        45006971        .       -
        .
ID=Smp_127430;geneID=Smp_127430;gene_name=Smp_127430;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    44984939        45006971        .       -
        .
ID=Smp_127430.1;Parent=Smp_127430;geneID=Smp_127430;gene_name=Smp_12
7430;owner=irisadmin@local.host;orig_id=Smp_127430.1;date_last_modif
ied=2022-08-02;Name=Smp_127430.1;product=Hypothetical
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    44984939        44985414        .       -
        .       Parent=Smp_127430.1;Name=c9ecf658-61a8-4ec4-
ad8d-6f3f5e0f7950
SM_V9_1 iris    exon    44986821        44987082        .       -
        .
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Parent=Smp_127430.1;Name=44080183-7eaf-4152-8db9-3108a9db904c
SM_V9_1 iris    exon    44989692        44989982        .       -
        .       Parent=Smp_127430.1;Name=f5d90a36-4042-4bcc-8f42-
c25e19b77317
SM_V9_1 iris    exon    44993229        44993547        .       -
        .       Parent=Smp_127430.1;Name=e89bc1e5-
ead7-4d87-8f6d-1746cd38aa67
SM_V9_1 iris    exon    44995727        44996148        .       -
        .
Parent=Smp_127430.1;Name=9b16f722-4ef1-4f37-9549-1f65082b789b
SM_V9_1 iris    exon    44997418        44997574        .       -
        .       Parent=Smp_127430.1;Name=ab338345-f6d1-47af-
ab3e-899884234839
SM_V9_1 iris    exon    44998347        44998809        .       -
        .       Parent=Smp_127430.1;Name=4d3e180e-095f-4eff-
b261-6ef62e316e40
SM_V9_1 iris    exon    45000558        45000845        .       -
        .       Parent=Smp_127430.1;Name=16505690-f8e6-4d3d-
b63a-49221b7cdaf9
SM_V9_1 iris    exon    45004973        45005323        .       -
        .       Parent=Smp_127430.1;Name=28e33fae-af6a-4b8e-
b9ed-42073f21d945
SM_V9_1 iris    exon    45005363        45005496        .       -
        .
Parent=Smp_127430.1;Name=96fcabb1-472e-4ef9-9995-296185fda072
SM_V9_1 iris    exon    45006047        45006081        .       -
        .       Parent=Smp_127430.1;Name=2d413018-
a7cb-4955-948d-7f8471b7560f
SM_V9_1 iris    exon    45006921        45006971        .       -
        .       Parent=Smp_127430.1;Name=b2c12f01-96e2-40f3-
affa-0c549ec3ebed
SM_V9_1 iris    CDS     44985151        44985414        .       -
        0       Parent=Smp_127430.1
SM_V9_1 iris    CDS     44986821        44987082        .       -
        1       Parent=Smp_127430.1
SM_V9_1 iris    CDS     44989692        44989982        .       -
        1       Parent=Smp_127430.1
SM_V9_1 iris    CDS     44993229        44993547        .       -
        2       Parent=Smp_127430.1
SM_V9_1 iris    CDS     44995727        44996148        .       -
        1       Parent=Smp_127430.1
SM_V9_1 iris    CDS     44997418        44997574        .       -
        2       Parent=Smp_127430.1
SM_V9_1 iris    CDS     44998347        44998809        .       -
        0       Parent=Smp_127430.1
SM_V9_1 iris    CDS     45000558        45000845        .       -
        0       Parent=Smp_127430.1
SM_V9_1 iris    CDS     45004973        45005323        .       -
        0       Parent=Smp_127430.1
SM_V9_1 iris    CDS     45005363        45005494        .       -
        0       Parent=Smp_127430.1
SM_V9_1 iris    gene    45017660        45065538        .       +
        .
ID=Smp_127440;geneID=Smp_127440;gene_name=Smp_127440;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45017660        45065538        .       +
       .
ID=Smp_127440.1;Parent=Smp_127440;geneID=Smp_127440;gene_name=Smp_12
7440;owner=irisadmin@local.host;orig_id=Smp_127440.3;date_last_modif
ied=2022-08-02;Name=Smp_127440.1;product=Centrosome-associated
protein 350;date_creation=2022-07-28
SM_V9_1 iris    exon    45017660        45017798        .       +
       .
Parent=Smp_127440.1;Name=79906a85-0a4c-4127-9f6c-2a39aebb005d
SM_V9_1 iris    exon    45027890        45027946        .       +
       .
Parent=Smp_127440.1;Name=b0604215-4e56-40f9-9d94-8a87fc41cd5f
SM_V9_1 iris    exon    45032134        45032271        .       +
       .       Parent=Smp_127440.1;Name=33059184-add2-4e5c-
b857-4a2ca9bf62e8
SM_V9_1 iris    exon    45033926        45034183        .       +
       .       Parent=Smp_127440.1;Name=7047063a-93bb-402f-b0ba-
a1f4d71a1549
SM_V9_1 iris    exon    45035837        45036088        .       +
       .       Parent=Smp_127440.1;Name=9d09f186-bec1-46a3-ab93-
d78b5444a784
SM_V9_1 iris    exon    45036844        45037127        .       +
       .       Parent=Smp_127440.1;Name=ce10f2ed-f8c7-4d37-
a489-39da65073ec2
SM_V9_1 iris    exon    45038610        45038877        .       +
       .
Parent=Smp_127440.1;Name=ec9e0b1c-1f24-4638-9f0a-588054e551df
SM_V9_1 iris    exon    45040718        45040936        .       +
       .       Parent=Smp_127440.1;Name=ced558c4-5f29-4959-9681-
db27f34006be
SM_V9_1 iris    exon    45042350        45042491        .       +
       .       Parent=Smp_127440.1;Name=c1367294-b17a-432c-985e-
cd4c73d9ec90
SM_V9_1 iris    exon    45042849        45043167        .       +
       .       Parent=Smp_127440.1;Name=9a4a8836-6963-4af6-
ad72-638fd4dfbcd1
SM_V9_1 iris    exon    45044128        45044333        .       +
       .       Parent=Smp_127440.1;Name=1a593bbc-47b0-45f9-9bdc-
ba66db49ac7b
SM_V9_1 iris    exon    45044434        45044617        .       +
       .       Parent=Smp_127440.1;Name=7b7cc833-3644-4e8a-adbd-
fde237df4f4b
SM_V9_1 iris    exon    45044718        45045047        .       +
       .       Parent=Smp_127440.1;Name=9d4e04ae-0902-49e2-
b560-00294a5f5a6c
SM_V9_1 iris    exon    45045560        45045718        .       +
       .       Parent=Smp_127440.1;Name=0b924adf-
fddb-4548-8255-1e407bbfbaa3
SM_V9_1 iris    exon    45046794        45046926        .       +
       .       Parent=Smp_127440.1;Name=eb211751-b25c-4cc9-a1f3-
ddeae79cec7e
SM_V9_1 iris    exon    45047136        45047398        .       +
       .       Parent=Smp_127440.1;Name=68682e59-
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e493-4b57-902b-2d2afdde7ee6
SM_V9_1 iris    exon    45047915        45048174        .       +
        .       Parent=Smp_127440.1;Name=50ae7d35-926c-4679-83c4-
d6267d30605e
SM_V9_1 iris    exon    45048939        45049065        .       +
        .       Parent=Smp_127440.1;Name=df4b7b24-836e-427c-
a119-2de6cf204a33
SM_V9_1 iris    exon    45049555        45049835        .       +
        .       Parent=Smp_127440.1;Name=d2786d41-
db70-41c1-900c-5f82b5471280
SM_V9_1 iris    exon    45052456        45052724        .       +
        .       Parent=Smp_127440.1;Name=612d463e-
f14d-45cd-90b2-8b53247a9687
SM_V9_1 iris    exon    45053729        45054114        .       +
        .       Parent=Smp_127440.1;Name=de454acc-7948-42c1-b950-
c4c5edb718cd
SM_V9_1 iris    exon    45054722        45055467        .       +
        .       Parent=Smp_127440.1;Name=d6e1a951-1361-4496-
b1bb-09ae98037ad9
SM_V9_1 iris    exon    45060123        45060441        .       +
        .
Parent=Smp_127440.1;Name=bbfff1f3-1eb2-4f88-8020-3c851e8cc5d7
SM_V9_1 iris    exon    45062611        45063001        .       +
        .       Parent=Smp_127440.1;Name=d0e98290-9220-42d1-
a413-3394fa0fcd74
SM_V9_1 iris    exon    45063179        45063392        .       +
        .
Parent=Smp_127440.1;Name=5c5d4a83-7de8-4ed9-9843-0811061f8c41
SM_V9_1 iris    exon    45063734        45065538        .       +
        .       Parent=Smp_127440.1;Name=88800408-d415-41d3-
a71a-4e092da0f3ff
SM_V9_1 iris    CDS     45027895        45027946        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45032134        45032271        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45033926        45034183        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45035837        45036088        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45036844        45037127        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45038610        45038877        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45040718        45040936        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45042350        45042491        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45042849        45043167        .       +
        1       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45044128        45044333        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45044434        45044617        .       +
        1       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45044718        45045047        .       +
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        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45045560        45045718        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45046794        45046926        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45047136        45047398        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45047915        45048174        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45048939        45049065        .       +
        1       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45049555        45049835        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45052456        45052724        .       +
        1       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45053729        45054114        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45054722        45055467        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45060123        45060441        .       +
        1       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45062611        45063001        .       +
        0       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45063179        45063392        .       +
        2       Parent=Smp_127440.1
SM_V9_1 iris    CDS     45063734        45064100        .       +
        1       Parent=Smp_127440.1
SM_V9_1 iris    gene    45069849        45117528        .       -
        .
ID=Smp_127450;geneID=Smp_127450;gene_name=Smp_127450;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45069849        45117528        .       -
        .
ID=Smp_127450.1;Parent=Smp_127450;geneID=Smp_127450;gene_name=Smp_12
7450;owner=irisadmin@local.host;orig_id=Smp_127450.1;date_last_modif
ied=2022-08-02;Name=Smp_127450.1;product=Myosin-2;date_creation=2022
-07-28
SM_V9_1 iris    exon    45069849        45070936        .       -
        .       Parent=Smp_127450.1;Name=e2d1fabc-ac80-4ea6-a888-
ca5bc0607e6c
SM_V9_1 iris    exon    45072487        45072866        .       -
        .       Parent=Smp_127450.1;Name=fb528c4e-ab3a-46b3-
ac62-22d33c2df105
SM_V9_1 iris    exon    45075198        45075563        .       -
        .       Parent=Smp_127450.1;Name=4aac7530-42d4-4bde-bfca-
b6716410aa8d
SM_V9_1 iris    exon    45077917        45078030        .       -
        .       Parent=Smp_127450.1;Name=86ab0c00-f20c-4848-
b616-915b10f7cb3b
SM_V9_1 iris    exon    45082817        45082950        .       -
        .       Parent=Smp_127450.1;Name=16b68ecd-8046-4a85-
b9ed-20f8f26d5ffc
SM_V9_1 iris    exon    45084632        45084911        .       -
        .       Parent=Smp_127450.1;Name=e88e9f29-947a-45f6-a012-
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df1e3aace4f0
SM_V9_1 iris    exon    45085779        45086099        .       -
        .       Parent=Smp_127450.1;Name=2fa4bfac-6a2b-48fb-ab3d-
b7d2b9a583d2
SM_V9_1 iris    exon    45088771        45089028        .       -
        .       Parent=Smp_127450.1;Name=46502edc-
d975-4e95-8857-700f699ea16c
SM_V9_1 iris    exon    45090743        45090858        .       -
        .       Parent=Smp_127450.1;Name=3058c57e-413e-4974-
af57-317c82c1ac5c
SM_V9_1 iris    exon    45096360        45096489        .       -
        .
Parent=Smp_127450.1;Name=edb2ffec-2687-40e1-8fc6-116318541e2d
SM_V9_1 iris    exon    45098130        45098189        .       -
        .       Parent=Smp_127450.1;Name=7bfa9d0e-257c-4d0c-95a9-
d30f2fd5ddaa
SM_V9_1 iris    exon    45099655        45099744        .       -
        .
Parent=Smp_127450.1;Name=01b8f31b-90a2-434c-8995-2ad595f96756
SM_V9_1 iris    exon    45100566        45100697        .       -
        .       Parent=Smp_127450.1;Name=d2c06c63-e6a7-4789-
b5a2-084435e61b73
SM_V9_1 iris    exon    45104418        45104552        .       -
        .       Parent=Smp_127450.1;Name=e0b0bd7e-358c-4389-
b683-9118ab2db9bb
SM_V9_1 iris    exon    45116097        45117528        .       -
        .       Parent=Smp_127450.1;Name=1b49256c-
bac9-4504-8c65-46db16a236e8
SM_V9_1 iris    CDS     45070630        45070936        .       -
        1       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45072487        45072866        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45075198        45075563        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45077917        45078030        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45082817        45082950        .       -
        2       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45084632        45084911        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45085779        45086099        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45088771        45089028        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45090743        45090858        .       -
        2       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45096360        45096489        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45098130        45098189        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45099655        45099744        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45100566        45100697        .       -
        0       Parent=Smp_127450.1
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SM_V9_1 iris    CDS     45104418        45104552        .       -
        0       Parent=Smp_127450.1
SM_V9_1 iris    CDS     45116097        45117242        .       -
        0       Parent=Smp_127450.1
SM_V9_1 Liftoff gene    45161868        45190554        .       -
        .       ID=Smp_010280;geneID=Smp_010280
SM_V9_1 Liftoff mRNA    45161868        45190554        .       -
        .
ID=Smp_010280.1;Parent=Smp_010280;geneID=Smp_010280;product=Monoacyl
glycerol lipase
ABHD12;polypeptide_domain=InterPro:IPR003140,IPR022742,IPR029058
Pfam:PF02230,PF12146;Ontology_term=GO:0016787
SM_V9_1 Liftoff exon    45161868        45162380        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45164335        45164450        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45165858        45165936        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45175243        45175325        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45176384        45176519        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45178068        45178200        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45183102        45183304        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45187965        45188082        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff exon    45190322        45190554        .       -
        .       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45162320        45162380        .       -
        1       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45164335        45164450        .       -
        0       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45165858        45165936        .       -
        1       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45175243        45175325        .       -
        0       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45176384        45176519        .       -
        1       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45178068        45178200        .       -
        2       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45183102        45183304        .       -
        1       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45187965        45188082        .       -
        2       Parent=Smp_010280.1
SM_V9_1 Liftoff CDS     45190322        45190442        .       -
        0       Parent=Smp_010280.1
SM_V9_1 iris    gene    45210738        45224862        .       +
        .
ID=Smp_248120;geneID=Smp_248120;gene_name=Smp_248120;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45210738        45224862        .       +
        .
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ID=Smp_248120.1;Parent=Smp_248120;geneID=Smp_248120;gene_name=Smp_24
8120;owner=irisadmin@local.host;orig_id=Smp_248120.1;date_last_modif
ied=2022-08-02;Name=Smp_248120.1;product=Merozoite surface protein
1;date_creation=2022-07-28
SM_V9_1 iris    exon    45210738        45210830        .       +
        .       Parent=Smp_248120.1;Name=a9f470d7-2c2f-47b9-a249-
dd295be32eac
SM_V9_1 iris    exon    45212859        45212989        .       +
        .       Parent=Smp_248120.1;Name=acd75132-a7ce-4291-a61b-
eb24eeb79edf
SM_V9_1 iris    exon    45213030        45213336        .       +
        .       Parent=Smp_248120.1;Name=b8ef6370-86d0-412c-b40b-
e96be2dd9168
SM_V9_1 iris    exon    45213373        45213473        .       +
        .       Parent=Smp_248120.1;Name=b1f0cfbe-d78b-47f7-87de-
c9d245116fa6
SM_V9_1 iris    exon    45218522        45218724        .       +
        .       Parent=Smp_248120.1;Name=e7a269e5-4d18-4417-
a5fa-86795703e0ce
SM_V9_1 iris    exon    45224550        45224862        .       +
        .       Parent=Smp_248120.1;Name=21546f89-4194-4a76-aaa8-
a6cfd65ea9f6
SM_V9_1 iris    CDS     45212909        45212989        .       +
        0       Parent=Smp_248120.1
SM_V9_1 iris    CDS     45213030        45213336        .       +
        0       Parent=Smp_248120.1
SM_V9_1 iris    CDS     45213373        45213473        .       +
        2       Parent=Smp_248120.1
SM_V9_1 iris    CDS     45218522        45218724        .       +
        0       Parent=Smp_248120.1
SM_V9_1 iris    CDS     45224550        45224799        .       +
        1       Parent=Smp_248120.1
SM_V9_1 iris    gene    45228182        45236654        .       +
        .
ID=Smp_010260;geneID=Smp_010260;gene_name=Smp_010260;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45228182        45236654        .       +
        .
ID=Smp_010260.1;Parent=Smp_010260;geneID=Smp_010260;gene_name=Smp_01
0260;owner=irisadmin@local.host;orig_id=Smp_010260.1;date_last_modif
ied=2022-08-02;Name=Smp_010260.1;product=DNA repair protein
complementing XP-A cells homolog;date_creation=2022-07-28
SM_V9_1 iris    exon    45228182        45228306        .       +
        .       Parent=Smp_010260.1;Name=ba740aef-
e3e3-4690-80e4-90a45199f803
SM_V9_1 iris    exon    45229861        45230199        .       +
        .       Parent=Smp_010260.1;Name=81f79159-1dd6-4492-
ad9c-87455ef7e69e
SM_V9_1 iris    exon    45232787        45232952        .       +
        .       Parent=Smp_010260.1;Name=a0299c29-9f85-426d-830b-
d495710244b3
SM_V9_1 iris    exon    45234453        45234570        .       +
        .
Parent=Smp_010260.1;Name=e4abdd66-0a9c-4f15-9a17-134ee8afb1c0
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SM_V9_1 iris    exon    45236381        45236654        .       +
        .
Parent=Smp_010260.1;Name=9ee3a89b-9ede-4740-9735-2cf8dc745cca
SM_V9_1 iris    CDS     45228212        45228306        .       +
        0       Parent=Smp_010260.1
SM_V9_1 iris    CDS     45229861        45230199        .       +
        1       Parent=Smp_010260.1
SM_V9_1 iris    CDS     45232787        45232952        .       +
        1       Parent=Smp_010260.1
SM_V9_1 iris    CDS     45234453        45234570        .       +
        0       Parent=Smp_010260.1
SM_V9_1 iris    CDS     45236381        45236532        .       +
        2       Parent=Smp_010260.1
SM_V9_1 iris    gene    45246803        45270239        .       +
        .
ID=Smp_010250;geneID=Smp_010250;gene_name=Smp_010250;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45246803        45270239        .       +
        .
ID=Smp_010250.1;Parent=Smp_010250;geneID=Smp_010250;gene_name=Smp_01
0250;owner=irisadmin@local.host;orig_id=Smp_010250.1;date_last_modif
ied=2022-08-02;Name=Smp_010250.1;product=Triple functional domain
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    45246803        45247914        .       +
        .
Parent=Smp_010250.1;Name=29a65f85-2cd5-4fac-8bdd-9efc0874abd4
SM_V9_1 iris    exon    45255399        45255902        .       +
        .       Parent=Smp_010250.1;Name=c592d8af-2a80-42da-89b2-
f219a0624839
SM_V9_1 iris    exon    45260146        45260428        .       +
        .       Parent=Smp_010250.1;Name=8d409a52-479d-4dcc-
b33e-1b7027143948
SM_V9_1 iris    exon    45265146        45265573        .       +
        .       Parent=Smp_010250.1;Name=aa65d2d4-0b8e-436b-a483-
faea0b0c6c91
SM_V9_1 iris    exon    45268584        45270239        .       +
        .       Parent=Smp_010250.1;Name=305db494-590c-4369-
bc4b-5a8dba306378
SM_V9_1 iris    CDS     45247027        45247914        .       +
        0       Parent=Smp_010250.1
SM_V9_1 iris    CDS     45255399        45255902        .       +
        0       Parent=Smp_010250.1
SM_V9_1 iris    CDS     45260146        45260428        .       +
        0       Parent=Smp_010250.1
SM_V9_1 iris    CDS     45265146        45265573        .       +
        2       Parent=Smp_010250.1
SM_V9_1 iris    CDS     45268584        45268913        .       +
        0       Parent=Smp_010250.1
SM_V9_1 iris    gene    45294668        45301778        .       +
        .
ID=Smp_127600;geneID=Smp_127600;gene_name=Smp_127600;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    45294668        45301778        .       +
        .
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ID=Smp_127600.1;Parent=Smp_127600;geneID=Smp_127600;gene_name=Smp_12
7600;owner=irisadmin@local.host;orig_id=Smp_127600.1;date_last_modif
ied=2022-08-16;Name=Smp_127600.1;product=Cyclin-Y-like protein
1;date_creation=2022-08-16
SM_V9_1 iris    exon    45294668        45294965        .       +
        .       Parent=Smp_127600.1;Name=0408feda-09ea-4107-81e2-
b0b20b78a1bf
SM_V9_1 iris    exon    45295010        45295084        .       +
        .
Parent=Smp_127600.1;Name=a042a471-79a1-4d1b-9230-6c0b626b2c43
SM_V9_1 iris    exon    45295117        45295142        .       +
        .       Parent=Smp_127600.1;Name=7e341dca-a0cc-4a04-
a2d9-3bb9c646f949
SM_V9_1 iris    exon    45295181        45295456        .       +
        .       Parent=Smp_127600.1;Name=65b8331d-56c5-4743-899e-
fe54aee744a4
SM_V9_1 iris    exon    45297550        45297687        .       +
        .       Parent=Smp_127600.1;Name=09bc8a16-54d6-43a9-9507-
b24cc212e446
SM_V9_1 iris    exon    45298662        45298828        .       +
        .
Parent=Smp_127600.1;Name=ea48c311-4d67-40f4-80b6-537460b2f283
SM_V9_1 iris    exon    45300656        45301778        .       +
        .       Parent=Smp_127600.1;Name=297e2c10-86d3-4512-
bc2f-1aa734ccaf75
SM_V9_1 iris    CDS     45294713        45294965        .       +
        0       Parent=Smp_127600.1
SM_V9_1 iris    CDS     45295010        45295084        .       +
        2       Parent=Smp_127600.1
SM_V9_1 iris    CDS     45295117        45295142        .       +
        2       Parent=Smp_127600.1
SM_V9_1 iris    CDS     45295181        45295456        .       +
        0       Parent=Smp_127600.1
SM_V9_1 iris    CDS     45297550        45297687        .       +
        0       Parent=Smp_127600.1
SM_V9_1 iris    CDS     45298662        45298828        .       +
        0       Parent=Smp_127600.1
SM_V9_1 iris    CDS     45300656        45301559        .       +
        1       Parent=Smp_127600.1
SM_V9_1 Liftoff gene    45312888        45336362        .       +
        .       ID=Smp_010230;geneID=Smp_010230
SM_V9_1 Liftoff mRNA    45312888        45336362        .       +
        .
ID=Smp_010230.1;Parent=Smp_010230;geneID=Smp_010230;product=Guanine
nucleotide-binding protein subunit
beta;polypeptide_domain=InterPro:IPR001632,IPR001680,IPR015943,IPR01
7986,IPR019775,IPR020472 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    45312888        45317254        .       +
        .       Parent=Smp_010230.1
SM_V9_1 Liftoff exon    45322367        45322573        .       +
        .       Parent=Smp_010230.1
SM_V9_1 Liftoff exon    45323031        45323260        .       +
        .       Parent=Smp_010230.1
SM_V9_1 Liftoff exon    45327445        45327574        .       +
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        .       Parent=Smp_010230.1
SM_V9_1 Liftoff exon    45331313        45331601        .       +
        .       Parent=Smp_010230.1
SM_V9_1 Liftoff exon    45334079        45336362        .       +
        .       Parent=Smp_010230.1
SM_V9_1 Liftoff CDS     45317198        45317254        .       +
        0       Parent=Smp_010230.1
SM_V9_1 Liftoff CDS     45322367        45322573        .       +
        0       Parent=Smp_010230.1
SM_V9_1 Liftoff CDS     45323031        45323260        .       +
        0       Parent=Smp_010230.1
SM_V9_1 Liftoff CDS     45327445        45327574        .       +
        1       Parent=Smp_010230.1
SM_V9_1 Liftoff CDS     45331313        45331601        .       +
        0       Parent=Smp_010230.1
SM_V9_1 Liftoff CDS     45334079        45334185        .       +
        2       Parent=Smp_010230.1
SM_V9_1 iris    gene    45351538        45373802        .       +
        .
ID=Smp_248110;geneID=Smp_248110;gene_name=Smp_248110;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45351538        45373802        .       +
        .
ID=Smp_248110.1;Parent=Smp_248110;geneID=Smp_248110;gene_name=Smp_24
8110;owner=irisadmin@local.host;orig_id=Smp_248110.1;date_last_modif
ied=2022-08-02;Name=Smp_248110.1;product=Myb-like protein
L;date_creation=2022-07-28
SM_V9_1 iris    exon    45351538        45351735        .       +
        .       Parent=Smp_248110.1;Name=212ccd93-c259-4d43-8ee1-
c39451be95d5
SM_V9_1 iris    exon    45352720        45352803        .       +
        .       Parent=Smp_248110.1;Name=3858c680-c7b7-464c-
b491-9acfd3f4bc32
SM_V9_1 iris    exon    45352838        45352925        .       +
        .       Parent=Smp_248110.1;Name=bcfa412a-e61b-4789-b43c-
c57746de1cfb
SM_V9_1 iris    exon    45353929        45354386        .       +
        .       Parent=Smp_248110.1;Name=4ca01e9d-c57c-405f-983f-
ca7e1097b5c1
SM_V9_1 iris    exon    45358895        45359128        .       +
        .       Parent=Smp_248110.1;Name=21301d0a-43dc-4420-
a73d-1c831cc1db80
SM_V9_1 iris    exon    45361156        45361690        .       +
        .
Parent=Smp_248110.1;Name=95c14e7a-493c-40bf-9c9b-3813a9a5da4b
SM_V9_1 iris    exon    45362777        45362922        .       +
        .       Parent=Smp_248110.1;Name=9c82786f-ff54-4766-
bc97-8b5e0b1e0a2b
SM_V9_1 iris    exon    45363618        45363734        .       +
        .       Parent=Smp_248110.1;Name=85961a83-bab6-48d3-809c-
ffa65d8eb118
SM_V9_1 iris    exon    45365024        45365362        .       +
        .
Parent=Smp_248110.1;Name=8f910492-4f03-4b41-9c78-30bb58a9b68a
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SM_V9_1 iris    exon    45365889        45366170        .       +
        .       Parent=Smp_248110.1;Name=0affacf5-07a0-4f72-
a0fc-183f588f7271
SM_V9_1 iris    exon    45367140        45367721        .       +
        .       Parent=Smp_248110.1;Name=07e19474-cf26-4adb-
a21c-5a494dcebc1d
SM_V9_1 iris    exon    45368852        45369225        .       +
        .       Parent=Smp_248110.1;Name=1ab9382a-
ee5d-4bde-822b-08b6a9662afb
SM_V9_1 iris    exon    45370553        45370608        .       +
        .       Parent=Smp_248110.1;Name=0bd95e86-a46a-46b6-
b037-5a408be9c5fc
SM_V9_1 iris    exon    45371027        45371216        .       +
        .       Parent=Smp_248110.1;Name=0ddcf6fd-a1e2-494b-
a8e4-51d9bc8a8683
SM_V9_1 iris    exon    45372511        45372651        .       +
        .       Parent=Smp_248110.1;Name=3b60794c-9517-4964-
bcec-6331b3b55390
SM_V9_1 iris    exon    45373517        45373802        .       +
        .       Parent=Smp_248110.1;Name=43a285f0-336c-4831-b2e2-
d1e917c05a79
SM_V9_1 iris    CDS     45351601        45351735        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45352720        45352803        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45352838        45352925        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45353929        45354386        .       +
        2       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45358895        45359128        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45361156        45361690        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45362777        45362922        .       +
        2       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45363618        45363734        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45365024        45365362        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45365889        45366170        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45367140        45367721        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45368852        45369225        .       +
        0       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45370553        45370608        .       +
        1       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45371027        45371216        .       +
        2       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45372511        45372651        .       +
        1       Parent=Smp_248110.1
SM_V9_1 iris    CDS     45373517        45373718        .       +
        1       Parent=Smp_248110.1
SM_V9_1 Liftoff gene    45374776        45403063        .       -
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        .       ID=Smp_319210;geneID=Smp_319210
SM_V9_1 Liftoff mRNA    45374776        45403063        .       -
        .
ID=Smp_319210.1;Parent=Smp_319210;geneID=Smp_319210;product=DIS3-
like exonuclease 2;polypeptide_domain=InterPro:IPR012340,IPR022966
Pfam:PF00773
SM_V9_1 Liftoff exon    45374776        45375279        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45375385        45375492        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45377384        45377833        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45380488        45380598        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45380782        45380841        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45382257        45382512        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45383551        45383669        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45384551        45384748        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45386117        45386224        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45387242        45387354        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45388905        45389061        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45390322        45390421        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45391594        45391681        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45394096        45394627        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45396461        45396607        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45401965        45402045        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff exon    45402826        45403063        .       -
        .       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45375007        45375279        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45375385        45375492        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45377384        45377833        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45380488        45380598        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45380782        45380841        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45382257        45382512        .       -
        1       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45383551        45383669        .       -
        0       Parent=Smp_319210.1
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SM_V9_1 Liftoff CDS     45384551        45384748        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45386117        45386224        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45387242        45387354        .       -
        2       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45388905        45389061        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45390322        45390421        .       -
        1       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45391594        45391681        .       -
        2       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45394096        45394627        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45396461        45396607        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45401965        45402045        .       -
        0       Parent=Smp_319210.1
SM_V9_1 Liftoff CDS     45402826        45403005        .       -
        0       Parent=Smp_319210.1
SM_V9_1 iris    gene    45406576        45437524        .       -
        .
ID=Smp_127580;geneID=Smp_127580;gene_name=Smp_127580;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45406576        45437524        .       -
        .
ID=Smp_127580.1;Parent=Smp_127580;geneID=Smp_127580;gene_name=Smp_12
7580;owner=irisadmin@local.host;orig_id=Smp_127580.1;date_last_modif
ied=2022-08-02;Name=Smp_127580.1;product=DIS3-like exonuclease
2;date_creation=2022-07-28
SM_V9_1 iris    exon    45406576        45406814        .       -
        .       Parent=Smp_127580.1;Name=eaf67c77-d63b-4d18-8a1e-
b977f9653852
SM_V9_1 iris    exon    45409263        45409574        .       -
        .
Parent=Smp_127580.1;Name=92e64cd6-60b0-42cb-9b4a-91e460d390aa
SM_V9_1 iris    exon    45411536        45411640        .       -
        .       Parent=Smp_127580.1;Name=8e4f4e6b-
a21f-44b4-85de-6a710f50de1e
SM_V9_1 iris    exon    45411811        45411965        .       -
        .       Parent=Smp_127580.1;Name=8c6c8c0e-
cbf3-408a-9934-1c9ccab2b61d
SM_V9_1 iris    exon    45412895        45413300        .       -
        .       Parent=Smp_127580.1;Name=d4c7be2f-8de1-415d-a96f-
fcbcacdd6b7d
SM_V9_1 iris    exon    45414759        45415079        .       -
        .       Parent=Smp_127580.1;Name=182ea97a-4ee1-44ec-9ba5-
f3e1a55c2ac0
SM_V9_1 iris    exon    45415377        45415484        .       -
        .       Parent=Smp_127580.1;Name=5cd1d44c-fefc-4361-8997-
d90b216d7cf0
SM_V9_1 iris    exon    45420028        45420096        .       -
        .       Parent=Smp_127580.1;Name=d414eb4b-83b4-48b6-
bc59-51a34fb45c74
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SM_V9_1 iris    exon    45423300        45423509        .       -
        .       Parent=Smp_127580.1;Name=e61c4761-a7e7-47ac-975a-
c9880e8f0071
SM_V9_1 iris    exon    45424515        45424845        .       -
        .       Parent=Smp_127580.1;Name=1fe98d3d-1fd1-462f-
acce-397b57e8c3b9
SM_V9_1 iris    exon    45426267        45426354        .       -
        .       Parent=Smp_127580.1;Name=461d8693-d7c2-4f8e-b2b6-
c1eb99d06e92
SM_V9_1 iris    exon    45426505        45426868        .       -
        .       Parent=Smp_127580.1;Name=7e5f924f-cdc9-4669-8e7a-
b751e2bf31a5
SM_V9_1 iris    exon    45428211        45428333        .       -
        .       Parent=Smp_127580.1;Name=93612736-
b5b4-4cf2-8cb2-9416c4ac7048
SM_V9_1 iris    exon    45429682        45429783        .       -
        .
Parent=Smp_127580.1;Name=3401bc62-9947-4f30-8a57-4616e8d3261f
SM_V9_1 iris    exon    45429822        45429875        .       -
        .       Parent=Smp_127580.1;Name=f16e55a4-a22a-414c-
be89-179831761e33
SM_V9_1 iris    exon    45430641        45430841        .       -
        .       Parent=Smp_127580.1;Name=4982d878-6bf1-4bf6-abba-
d62cce229864
SM_V9_1 iris    exon    45437456        45437524        .       -
        .       Parent=Smp_127580.1;Name=a1866be6-0209-4f49-af71-
e4d173d11ce1
SM_V9_1 iris    CDS     45406770        45406814        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45409263        45409574        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45411536        45411640        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45411811        45411965        .       -
        2       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45412895        45413300        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45414759        45415079        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45415377        45415484        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45420028        45420096        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45423300        45423509        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45424515        45424845        .       -
        1       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45426267        45426354        .       -
        2       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45426505        45426868        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45428211        45428333        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45429682        45429783        .       -
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        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45429822        45429875        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45430641        45430841        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    CDS     45437456        45437467        .       -
        0       Parent=Smp_127580.1
SM_V9_1 iris    gene    45440686        45446568        .       +
        .
ID=Smp_346820;geneID=Smp_346820;gene_name=Smp_346820;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-08-16
SM_V9_1 iris    mRNA    45440686        45446568        .       +
        .
ID=Smp_346820.1;Parent=Smp_346820;geneID=Smp_346820;gene_name=Smp_34
6820;owner=irisadmin@local.host;orig_id=Smp_346820.1;date_last_modif
ied=2022-11-03;Name=Smp_346820.1;product=Sodium channel and clathrin
linker 1;date_creation=2022-08-16
SM_V9_1 iris    exon    45440686        45440821        .       +
        .       Parent=Smp_346820.1;Name=fc6d5a6e-fa79-4533-
a0ab-1020cd444417
SM_V9_1 iris    exon    45442393        45442614        .       +
        .
Parent=Smp_346820.1;Name=da1a90c7-864f-41c6-8722-70d32aeb5825
SM_V9_1 iris    exon    45443627        45443902        .       +
        .       Parent=Smp_346820.1;Name=9e472feb-62c4-4aa1-ba07-
bcef32de2fc0
SM_V9_1 iris    exon    45444709        45444993        .       +
        .       Parent=Smp_346820.1;Name=84af6a71-62ab-4445-
be23-068ce6605af5
SM_V9_1 iris    exon    45446441        45446568        .       +
        .       Parent=Smp_346820.1;Name=527fa593-4048-4e57-b928-
daba52cc01a6
SM_V9_1 iris    CDS     45442606        45442614        .       +
        0       Parent=Smp_346820.1
SM_V9_1 iris    CDS     45443627        45443902        .       +
        0       Parent=Smp_346820.1
SM_V9_1 iris    CDS     45444709        45444993        .       +
        0       Parent=Smp_346820.1
SM_V9_1 iris    CDS     45446441        45446542        .       +
        0       Parent=Smp_346820.1
SM_V9_1 Liftoff gene    45458178        45458802        .       +
        .       ID=Smp_319220;geneID=Smp_319220
SM_V9_1 Liftoff mRNA    45458178        45458802        .       +
        .
ID=Smp_319220.1;Parent=Smp_319220;geneID=Smp_319220;product=U6
snRNA-associated Sm-like protein
LSm2;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR016654
Pfam:PF01423;Ontology_term=GO:0006397
SM_V9_1 Liftoff exon    45458178        45458318        .       +
        .       Parent=Smp_319220.1
SM_V9_1 Liftoff exon    45458351        45458418        .       +
        .       Parent=Smp_319220.1
SM_V9_1 Liftoff exon    45458455        45458545        .       +
        .       Parent=Smp_319220.1
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SM_V9_1 Liftoff exon    45458582        45458802        .       +
        .       Parent=Smp_319220.1
SM_V9_1 Liftoff CDS     45458316        45458318        .       +
        0       Parent=Smp_319220.1
SM_V9_1 Liftoff CDS     45458351        45458418        .       +
        0       Parent=Smp_319220.1
SM_V9_1 Liftoff CDS     45458455        45458545        .       +
        1       Parent=Smp_319220.1
SM_V9_1 Liftoff CDS     45458582        45458716        .       +
        0       Parent=Smp_319220.1
SM_V9_1 iris    gene    45461539        45476726        .       -
        .
ID=Smp_335570;geneID=Smp_335570;gene_name=Smp_335570;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45461539        45476726        .       -
        .
ID=Smp_335570.1;Parent=Smp_335570;geneID=Smp_335570;gene_name=Smp_33
5570;owner=irisadmin@local.host;orig_id=Smp_335570.1;date_last_modif
ied=2022-08-16;Name=Smp_335570.1;product=Sodium channel and clathrin
linker 1;date_creation=2022-07-28
SM_V9_1 iris    exon    45461539        45461825        .       -
        .       Parent=Smp_335570.1;Name=9d3abcf2-ea04-4f26-
aefe-982bb39c07eb
SM_V9_1 iris    exon    45461861        45462111        .       -
        .       Parent=Smp_335570.1;Name=95f68dd5-d916-46c2-
a1b3-040b0811f375
SM_V9_1 iris    exon    45466132        45466259        .       -
        .       Parent=Smp_335570.1;Name=98f827b2-c58e-42fe-
aa8f-50bcb915169b
SM_V9_1 iris    exon    45467707        45467991        .       -
        .       Parent=Smp_335570.1;Name=5104e156-ab9a-41f9-b8c5-
b577cc5a1b2b
SM_V9_1 iris    exon    45468798        45469073        .       -
        .       Parent=Smp_335570.1;Name=e79244bb-deb5-4cc6-
a0da-2db5c6d264a8
SM_V9_1 iris    exon    45470086        45470307        .       -
        .
Parent=Smp_335570.1;Name=3db0d4f2-90ca-470c-8bc2-60706d315063
SM_V9_1 iris    exon    45471879        45472010        .       -
        .       Parent=Smp_335570.1;Name=7f063881-6167-4493-
a849-390cf8c797b5
SM_V9_1 iris    exon    45474367        45474475        .       -
        .       Parent=Smp_335570.1;Name=66aca759-a32a-4f12-8feb-
c85945050984
SM_V9_1 iris    exon    45476196        45476386        .       -
        .       Parent=Smp_335570.1;Name=6808b728-55c2-490b-
b3aa-8b104b268386
SM_V9_1 iris    exon    45476418        45476561        .       -
        .       Parent=Smp_335570.1;Name=780c6f32-3468-4a46-a368-
ef2e2b1f4c18
SM_V9_1 iris    exon    45476596        45476726        .       -
        .       Parent=Smp_335570.1;Name=3c82a86a-
bac4-4cce-94d5-4e6c9dbbe1ae
SM_V9_1 iris    CDS     45466158        45466259        .       -
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        0       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45467707        45467991        .       -
        0       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45468798        45469073        .       -
        0       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45470086        45470307        .       -
        0       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45471879        45472010        .       -
        0       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45474367        45474475        .       -
        1       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45476196        45476386        .       -
        0       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45476418        45476561        .       -
        0       Parent=Smp_335570.1
SM_V9_1 iris    CDS     45476596        45476706        .       -
        0       Parent=Smp_335570.1
SM_V9_1 Liftoff gene    45477448        45478157        .       +
        .       ID=Smp_000080;geneID=Smp_000080
SM_V9_1 Liftoff mRNA    45477448        45478157        .       +
        .
ID=Smp_000080.1;Parent=Smp_000080;geneID=Smp_000080;product=BET1-
like protein;polypeptide_domain=InterPro:IPR000727 Pfam:PF05739
SM_V9_1 Liftoff exon    45477448        45478157        .       +
        .       Parent=Smp_000080.1
SM_V9_1 Liftoff CDS     45477507        45477773        .       +
        0       Parent=Smp_000080.1
SM_V9_1 Liftoff gene    45486218        45489835        .       +
        .       ID=Smp_319230;geneID=Smp_319230
SM_V9_1 Liftoff mRNA    45486218        45489835        .       +
        .
ID=Smp_319230.1;Parent=Smp_319230;geneID=Smp_319230;product=BET1-
like protein;polypeptide_domain=InterPro:IPR000727 Pfam:PF05739
SM_V9_1 Liftoff exon    45486218        45486554        .       +
        .       Parent=Smp_319230.1
SM_V9_1 Liftoff exon    45489227        45489835        .       +
        .       Parent=Smp_319230.1
SM_V9_1 Liftoff CDS     45486471        45486554        .       +
        0       Parent=Smp_319230.1
SM_V9_1 Liftoff CDS     45489227        45489451        .       +
        0       Parent=Smp_319230.1
SM_V9_1 Liftoff gene    45505091        45513424        .       +
        .       ID=Smp_000075;geneID=Smp_000075
SM_V9_1 Liftoff mRNA    45505091        45513424        .       +
        .
ID=Smp_000075.1;Parent=Smp_000075;geneID=Smp_000075;product=Homeobox
protein
Nkx-2.3;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    45505091        45505400        .       +
        .       Parent=Smp_000075.1
SM_V9_1 Liftoff exon    45508212        45508525        .       +
        .       Parent=Smp_000075.1
SM_V9_1 Liftoff exon    45512832        45513424        .       +
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        .       Parent=Smp_000075.1
SM_V9_1 Liftoff CDS     45505235        45505400        .       +
        0       Parent=Smp_000075.1
SM_V9_1 Liftoff CDS     45508212        45508525        .       +
        2       Parent=Smp_000075.1
SM_V9_1 Liftoff CDS     45512832        45513365        .       +
        0       Parent=Smp_000075.1
SM_V9_1 Liftoff gene    45521081        45524524        .       +
        .
ID=Smp_000070;geneID=Smp_000070;previous_systematic_id=Smp_122110
SM_V9_1 Liftoff mRNA    45521081        45524524        .       +
        .
ID=Smp_000070.1;Parent=Smp_000070;geneID=Smp_000070;product=1-acyl-
sn-glycerol-3-phosphate o-
acyltransferase;polypeptide_domain=InterPro:IPR002123
Pfam:PF01553;Ontology_term=GO:0008152,GO:0016746
SM_V9_1 Liftoff exon    45521081        45521616        .       +
        .       Parent=Smp_000070.1
SM_V9_1 Liftoff exon    45521647        45521777        .       +
        .       Parent=Smp_000070.1
SM_V9_1 Liftoff exon    45521819        45521994        .       +
        .       Parent=Smp_000070.1
SM_V9_1 Liftoff exon    45522027        45522122        .       +
        .       Parent=Smp_000070.1
SM_V9_1 Liftoff exon    45522148        45522226        .       +
        .       Parent=Smp_000070.1
SM_V9_1 Liftoff exon    45524130        45524524        .       +
        .       Parent=Smp_000070.1
SM_V9_1 Liftoff CDS     45521438        45521616        .       +
        0       Parent=Smp_000070.1
SM_V9_1 Liftoff CDS     45521647        45521777        .       +
        1       Parent=Smp_000070.1
SM_V9_1 Liftoff CDS     45521819        45521994        .       +
        2       Parent=Smp_000070.1
SM_V9_1 Liftoff CDS     45522027        45522122        .       +
        0       Parent=Smp_000070.1
SM_V9_1 Liftoff CDS     45522148        45522226        .       +
        0       Parent=Smp_000070.1
SM_V9_1 Liftoff CDS     45524130        45524266        .       +
        2       Parent=Smp_000070.1
SM_V9_1 iris    gene    45529934        45615815        .       -
        .
ID=Smp_000050;geneID=Smp_000050;gene_name=Smp_000050;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45529934        45615815        .       -
        .
ID=Smp_000050.1;Parent=Smp_000050;geneID=Smp_000050;gene_name=Smp_00
0050;owner=irisadmin@local.host;orig_id=Smp_000050.1;date_last_modif
ied=2022-08-02;Name=Smp_000050.1;product=Transient receptor
potential cation channel subfamily M member
2;date_creation=2022-07-28
SM_V9_1 iris    exon    45529934        45530788        .       -
        .       Parent=Smp_000050.1;Name=01308f51-
be8f-446f-90a8-3ee491023f29
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SM_V9_1 iris    exon    45532148        45532261        .       -
        .       Parent=Smp_000050.1;Name=de8b6a84-1273-4fd4-
bb1d-79a8e9e88bea
SM_V9_1 iris    exon    45533916        45534080        .       -
        .       Parent=Smp_000050.1;Name=3c62e344-1ded-495f-
a84e-541ffa2dacce
SM_V9_1 iris    exon    45536771        45537121        .       -
        .       Parent=Smp_000050.1;Name=d1fd9768-69e1-4159-
a565-3576d9511084
SM_V9_1 iris    exon    45540608        45540795        .       -
        .       Parent=Smp_000050.1;Name=8d7b5d4a-b5f3-4fc8-8a4f-
bb8fc3a30237
SM_V9_1 iris    exon    45542035        45542079        .       -
        .       Parent=Smp_000050.1;Name=62d3b0e2-be55-4498-b314-
d41adb2f934f
SM_V9_1 iris    exon    45543490        45543529        .       -
        .       Parent=Smp_000050.1;Name=76e6edc0-003f-4f24-a45f-
ea1df14c74dd
SM_V9_1 iris    exon    45543940        45544262        .       -
        .       Parent=Smp_000050.1;Name=720caf9a-49d3-4908-
a5fd-37fc5738e1d3
SM_V9_1 iris    exon    45545899        45546089        .       -
        .       Parent=Smp_000050.1;Name=8cb11a45-e206-484b-
ab86-15982513c60c
SM_V9_1 iris    exon    45546989        45547124        .       -
        .       Parent=Smp_000050.1;Name=0a4cf898-8964-47ba-
bfc2-685ca79e45ee
SM_V9_1 iris    exon    45548000        45548198        .       -
        .       Parent=Smp_000050.1;Name=c8ccd8be-
cc66-4c1f-839c-73badbc43439
SM_V9_1 iris    exon    45548755        45549051        .       -
        .
Parent=Smp_000050.1;Name=493c5a2a-1dc1-4214-8b54-53a8625f49dc
SM_V9_1 iris    exon    45552064        45552201        .       -
        .       Parent=Smp_000050.1;Name=85047fcf-6544-4956-
b9b2-9570b140a016
SM_V9_1 iris    exon    45556236        45556317        .       -
        .       Parent=Smp_000050.1;Name=a743e8cf-c2b7-44dc-b809-
c0d3c11ee45c
SM_V9_1 iris    exon    45556763        45556794        .       -
        .       Parent=Smp_000050.1;Name=e009d76b-7c3c-43ac-a843-
b64eeb54b3dd
SM_V9_1 iris    exon    45557523        45557666        .       -
        .       Parent=Smp_000050.1;Name=8fa46b62-fd5f-4652-8ca3-
f6a19b0f4b9a
SM_V9_1 iris    exon    45558473        45558698        .       -
        .       Parent=Smp_000050.1;Name=74ff8e17-93c4-4181-92c9-
b38d9ed3d5de
SM_V9_1 iris    exon    45560852        45561056        .       -
        .       Parent=Smp_000050.1;Name=1a161ad4-7932-48cb-
a24a-9d4cca4e4d4f
SM_V9_1 iris    exon    45562415        45562526        .       -
        .
Parent=Smp_000050.1;Name=7b18f995-4a07-4e1a-9965-8a78bb5dc009
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SM_V9_1 iris    exon    45563856        45563900        .       -
        .       Parent=Smp_000050.1;Name=eb08df66-6639-4144-
a726-22bf350a1f1d
SM_V9_1 iris    exon    45565373        45565522        .       -
        .       Parent=Smp_000050.1;Name=938273a1-49db-4a14-83e8-
dd58bdfb4e50
SM_V9_1 iris    exon    45567190        45567340        .       -
        .
Parent=Smp_000050.1;Name=902cd4e2-91b6-42a6-8c99-26ce54892ed4
SM_V9_1 iris    exon    45568918        45569094        .       -
        .       Parent=Smp_000050.1;Name=14d9ac87-fa08-4714-
addc-5b0e10291832
SM_V9_1 iris    exon    45570844        45570974        .       -
        .       Parent=Smp_000050.1;Name=f43e45bf-b6b1-4b83-
be78-7970ed700626
SM_V9_1 iris    exon    45571228        45571328        .       -
        .       Parent=Smp_000050.1;Name=f53594b7-265c-4c1d-
b24d-9e7fe672a2e8
SM_V9_1 iris    exon    45572080        45572284        .       -
        .       Parent=Smp_000050.1;Name=ac1ff577-63ff-4b3c-88e7-
ddbad6d8bc45
SM_V9_1 iris    exon    45573562        45573728        .       -
        .
Parent=Smp_000050.1;Name=b151ad8c-7825-4126-8960-2da1f47c4ea8
SM_V9_1 iris    exon    45575743        45575914        .       -
        .       Parent=Smp_000050.1;Name=225c246c-5706-4618-
b196-7973c7642ae5
SM_V9_1 iris    exon    45577589        45577754        .       -
        .       Parent=Smp_000050.1;Name=e66c2169-98e3-4bf9-a195-
ccddd4fdd7ab
SM_V9_1 iris    exon    45579714        45579784        .       -
        .       Parent=Smp_000050.1;Name=c334fea4-f81b-4d0e-b90b-
c0d261e38a30
SM_V9_1 iris    exon    45583299        45583427        .       -
        .       Parent=Smp_000050.1;Name=1dc432e0-aaa3-4abb-9f06-
a69e7a4feab3
SM_V9_1 iris    exon    45584980        45585078        .       -
        .       Parent=Smp_000050.1;Name=cc9b72b2-2d61-4829-
abdb-1389ffe967ec
SM_V9_1 iris    exon    45587024        45587122        .       -
        .       Parent=Smp_000050.1;Name=7c7ce1e3-9549-4feb-
a1e9-05ecbb105cfc
SM_V9_1 iris    exon    45589464        45589607        .       -
        .       Parent=Smp_000050.1;Name=73cc2188-a1fe-4c4b-8dd2-
d99171acfe8e
SM_V9_1 iris    exon    45615319        45615815        .       -
        .
Parent=Smp_000050.1;Name=ad5e78a0-0055-4665-918a-31a2f1767317
SM_V9_1 iris    CDS     45530618        45530788        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45532148        45532261        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45533916        45534080        .       -
        0       Parent=Smp_000050.1
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SM_V9_1 iris    CDS     45536771        45537121        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45540608        45540795        .       -
        2       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45542035        45542079        .       -
        2       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45543490        45543529        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45543940        45544262        .       -
        2       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45545899        45546089        .       -
        1       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45546989        45547124        .       -
        2       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45548000        45548198        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45548755        45549051        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45552064        45552201        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45556236        45556317        .       -
        1       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45556763        45556794        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45557523        45557666        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45558473        45558698        .       -
        1       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45560852        45561056        .       -
        2       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45562415        45562526        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45563856        45563900        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45565373        45565522        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45567190        45567340        .       -
        1       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45568918        45569094        .       -
        1       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45570844        45570974        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45571228        45571328        .       -
        2       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45572080        45572284        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45573562        45573728        .       -
        2       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45575743        45575914        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45577589        45577754        .       -
        1       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45579714        45579784        .       -
        0       Parent=Smp_000050.1
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SM_V9_1 iris    CDS     45583299        45583427        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45584980        45585078        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45587024        45587122        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45589464        45589607        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    CDS     45615319        45615468        .       -
        0       Parent=Smp_000050.1
SM_V9_1 iris    gene    45649784        45669727        .       -
        .
ID=Smp_000040;geneID=Smp_000040;gene_name=Smp_000040;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45649784        45669727        .       -
        .
ID=Smp_000040.1;Parent=Smp_000040;geneID=Smp_000040;gene_name=Smp_00
0040;owner=irisadmin@local.host;orig_id=Smp_000040.1;date_last_modif
ied=2022-08-02;Name=Smp_000040.1;product=Kinesin light
chain;date_creation=2022-07-28
SM_V9_1 iris    exon    45649784        45650929        .       -
        .       Parent=Smp_000040.1;Name=3b2e975a-0388-4f46-9211-
b9872894199f
SM_V9_1 iris    exon    45653014        45653080        .       -
        .       Parent=Smp_000040.1;Name=a942c2a2-1500-48a0-
b4e9-0b1f8668a9a4
SM_V9_1 iris    exon    45656486        45656609        .       -
        .       Parent=Smp_000040.1;Name=aa340265-
daf6-4eef-8693-1783614c4ff6
SM_V9_1 iris    exon    45660245        45660465        .       -
        .       Parent=Smp_000040.1;Name=8e1fc33f-d5b1-48d6-
bb32-469dc5ed8836
SM_V9_1 iris    exon    45662502        45662591        .       -
        .       Parent=Smp_000040.1;Name=075f1879-cc0b-4bd9-979a-
a8558bc1ba16
SM_V9_1 iris    exon    45664681        45664764        .       -
        .       Parent=Smp_000040.1;Name=ccb1fba5-a1eb-4ec5-
b801-8249dbbe5f73
SM_V9_1 iris    exon    45666800        45666901        .       -
        .       Parent=Smp_000040.1;Name=cac765f8-
f74e-4828-888b-50b7f94a7a70
SM_V9_1 iris    exon    45666940        45667027        .       -
        .
Parent=Smp_000040.1;Name=8a197d9f-845c-4502-808c-8d713cc3eb5a
SM_V9_1 iris    exon    45667066        45667291        .       -
        .       Parent=Smp_000040.1;Name=09906124-e460-441b-b0b3-
fcb7af65d394
SM_V9_1 iris    exon    45669008        45669332        .       -
        .
Parent=Smp_000040.1;Name=4307d507-2ab0-4c5f-8bb9-7dc4714f1477
SM_V9_1 iris    exon    45669370        45669727        .       -
        .       Parent=Smp_000040.1;Name=b9c5d5cc-dea7-48d7-9fab-
e471354e57ea
SM_V9_1 iris    CDS     45653036        45653080        .       -
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        0       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45656486        45656609        .       -
        1       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45660245        45660465        .       -
        0       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45662502        45662591        .       -
        0       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45664681        45664764        .       -
        0       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45666800        45666901        .       -
        0       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45666940        45667027        .       -
        1       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45667066        45667291        .       -
        2       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45669008        45669332        .       -
        0       Parent=Smp_000040.1
SM_V9_1 iris    CDS     45669370        45669618        .       -
        0       Parent=Smp_000040.1
SM_V9_1 iris    gene    45680021        45690513        .       +
        .
ID=Smp_000030;geneID=Smp_000030;gene_name=Smp_000030;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45680021        45690513        .       +
        .
ID=Smp_000030.1;Parent=Smp_000030;geneID=Smp_000030;gene_name=Smp_00
0030;owner=irisadmin@local.host;orig_id=Smp_000030.2;date_last_modif
ied=2022-08-02;Name=Smp_000030.1;product=26S proteasome non-ATPase
regulatory subunit 2;date_creation=2022-07-28
SM_V9_1 iris    exon    45680021        45680157        .       +
        .       Parent=Smp_000030.1;Name=a4c5f4a0-
d549-413e-955e-729ba9b6d4e5
SM_V9_1 iris    exon    45680192        45680413        .       +
        .       Parent=Smp_000030.1;Name=329122e4-9910-482b-
b6a9-77deeeccab50
SM_V9_1 iris    exon    45680446        45680650        .       +
        .       Parent=Smp_000030.1;Name=a9b26e9a-
e8ae-4524-8e1b-5e60ecf9eef7
SM_V9_1 iris    exon    45680685        45680908        .       +
        .       Parent=Smp_000030.1;Name=e61d87d7-3301-45e8-88a6-
dc72955eaf86
SM_V9_1 iris    exon    45682607        45682918        .       +
        .
Parent=Smp_000030.1;Name=8a1f85b8-8a56-4858-8dd0-5e07891dc1c0
SM_V9_1 iris    exon    45684935        45685127        .       +
        .       Parent=Smp_000030.1;Name=b09d3f36-61cc-4ec2-
bc69-11c4b0cae893
SM_V9_1 iris    exon    45685539        45686129        .       +
        .       Parent=Smp_000030.1;Name=66ad26d3-
f890-4011-8cf5-662f4de359f6
SM_V9_1 iris    exon    45686824        45687281        .       +
        .       Parent=Smp_000030.1;Name=728d2469-5096-406e-8bab-
d21cf81b4d0e
SM_V9_1 iris    exon    45688714        45688882        .       +
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        .
Parent=Smp_000030.1;Name=8c0a18fd-9548-4b3e-8fd4-7596a4df4a7b
SM_V9_1 iris    exon    45689799        45690513        .       +
        .       Parent=Smp_000030.1;Name=5dd793c9-555a-4ff0-
babd-08e98e6a0d89
SM_V9_1 iris    CDS     45680080        45680157        .       +
        0       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45680192        45680413        .       +
        0       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45680446        45680650        .       +
        0       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45680685        45680908        .       +
        2       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45682607        45682918        .       +
        0       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45684935        45685127        .       +
        0       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45685539        45686129        .       +
        2       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45686824        45687281        .       +
        2       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45688714        45688882        .       +
        0       Parent=Smp_000030.1
SM_V9_1 iris    CDS     45689799        45690334        .       +
        2       Parent=Smp_000030.1
SM_V9_1 iris    gene    45703491        45732285        .       +
        .
ID=Smp_000020;geneID=Smp_000020;gene_name=Smp_000020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45703491        45732285        .       +
        .
ID=Smp_000020.1;Parent=Smp_000020;geneID=Smp_000020;gene_name=Smp_00
0020;owner=irisadmin@local.host;orig_id=Smp_000020.1;date_last_modif
ied=2022-08-02;Name=Smp_000020.1;product=Protein O-
GlcNAcase;date_creation=2022-07-28
SM_V9_1 iris    exon    45703491        45703524        .       +
        .
Parent=Smp_000020.1;Name=0d4cc36c-26a7-4512-8ebf-6633482ef8f6
SM_V9_1 iris    exon    45705871        45706022        .       +
        .       Parent=Smp_000020.1;Name=4b755478-d5a5-4786-
a6cc-5cafb620d233
SM_V9_1 iris    exon    45706057        45706254        .       +
        .       Parent=Smp_000020.1;Name=8a4930a0-5bb1-4e24-
a875-994b995935d5
SM_V9_1 iris    exon    45706293        45706573        .       +
        .       Parent=Smp_000020.1;Name=60bc27ca-
f6ea-47f9-8dac-61f4612671dd
SM_V9_1 iris    exon    45707318        45707567        .       +
        .
Parent=Smp_000020.1;Name=773c9488-013d-4593-8e57-7b1a35b26b18
SM_V9_1 iris    exon    45708894        45709167        .       +
        .       Parent=Smp_000020.1;Name=c41aa8d7-
c5b2-427c-983d-9609e8de79b6
SM_V9_1 iris    exon    45713543        45713801        .       +
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        .       Parent=Smp_000020.1;Name=a3cd9a9a-ab7a-4f1d-9da6-
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SM_V9_1 iris    exon    45714718        45714810        .       +
        .       Parent=Smp_000020.1;Name=30a9c6c7-501f-4233-
a4b4-87abc21ea8c4
SM_V9_1 iris    exon    45716736        45716802        .       +
        .
Parent=Smp_000020.1;Name=0bf215dc-32ab-4bae-9683-5f46c58caeed
SM_V9_1 iris    exon    45718291        45718454        .       +
        .
Parent=Smp_000020.1;Name=84a1fbf8-7cf3-4939-8e05-7782c11e8afa
SM_V9_1 iris    exon    45719533        45719710        .       +
        .       Parent=Smp_000020.1;Name=bf3e95e9-e4bc-4908-9e15-
aa62c2d4ff84
SM_V9_1 iris    exon    45720428        45720481        .       +
        .
Parent=Smp_000020.1;Name=8e4f9fe6-73bf-40ac-985a-5bf01b0f8597
SM_V9_1 iris    exon    45725727        45725812        .       +
        .       Parent=Smp_000020.1;Name=305b0716-2a5a-4d58-a29d-
fc0aafa49cdf
SM_V9_1 iris    exon    45726779        45727101        .       +
        .       Parent=Smp_000020.1;Name=119d7001-c1cf-4920-
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SM_V9_1 iris    exon    45728601        45729042        .       +
        .       Parent=Smp_000020.1;Name=c69dcfc3-0d7b-4018-86ad-
cd95fc0d18ff
SM_V9_1 iris    exon    45729712        45730335        .       +
        .       Parent=Smp_000020.1;Name=df36949e-c33a-4dac-
b335-447c6049c299
SM_V9_1 iris    exon    45731443        45732285        .       +
        .       Parent=Smp_000020.1;Name=e09bfb1c-
bb4f-4242-8b1a-06108eafe48e
SM_V9_1 iris    CDS     45706194        45706254        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45706293        45706573        .       +
        2       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45707318        45707567        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45708894        45709167        .       +
        2       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45713543        45713801        .       +
        1       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45714718        45714810        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45716736        45716802        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45718291        45718454        .       +
        2       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45719533        45719710        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45720428        45720481        .       +
        2       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45725727        45725812        .       +
        2       Parent=Smp_000020.1
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SM_V9_1 iris    CDS     45726779        45727101        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45728601        45729042        .       +
        1       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45729712        45730335        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    CDS     45731443        45731565        .       +
        0       Parent=Smp_000020.1
SM_V9_1 iris    gene    45802271        45859624        .       +
        .
ID=Smp_132610;geneID=Smp_132610;gene_name=Smp_132610;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45802271        45859624        .       +
        .
ID=Smp_132610.1;Parent=Smp_132610;geneID=Smp_132610;gene_name=Smp_13
2610;owner=irisadmin@local.host;orig_id=Smp_132610.1;date_last_modif
ied=2022-08-02;Name=Smp_132610.1;product=Hypothetical
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    45802271        45803320        .       +
        .       Parent=Smp_132610.1;Name=2c449431-e928-4e11-87dc-
a76ffbea28b1
SM_V9_1 iris    exon    45842165        45843345        .       +
        .       Parent=Smp_132610.1;Name=a27b5a31-98d4-42ed-
a173-135145172076
SM_V9_1 iris    exon    45852181        45852742        .       +
        .       Parent=Smp_132610.1;Name=00be32b1-3449-46a3-
b3f6-2a09f819dc0e
SM_V9_1 iris    exon    45854937        45855275        .       +
        .       Parent=Smp_132610.1;Name=80f03124-
fef8-4bd9-9b3c-903615ab8fac
SM_V9_1 iris    exon    45857483        45859624        .       +
        .
Parent=Smp_132610.1;Name=00c1c283-15ee-4a74-9504-8d5a49cba3fc
SM_V9_1 iris    CDS     45802540        45803320        .       +
        0       Parent=Smp_132610.1
SM_V9_1 iris    CDS     45842165        45843345        .       +
        2       Parent=Smp_132610.1
SM_V9_1 iris    CDS     45852181        45852742        .       +
        0       Parent=Smp_132610.1
SM_V9_1 iris    CDS     45854937        45855275        .       +
        2       Parent=Smp_132610.1
SM_V9_1 iris    CDS     45857483        45858423        .       +
        2       Parent=Smp_132610.1
SM_V9_1 iris    gene    45888066        45898135        .       -
        .
ID=Smp_019100;geneID=Smp_019100;gene_name=Smp_019100;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    45888066        45898135        .       -
        .
ID=Smp_019100.1;Parent=Smp_019100;geneID=Smp_019100;gene_name=Smp_01
9100;owner=irisadmin@local.host;orig_id=Smp_019100.1;date_last_modif
ied=2022-08-16;Name=Smp_019100.1;product=EH domain-containing
protein 1;date_creation=2022-08-16
SM_V9_1 iris    exon    45888066        45889012        .       -
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        .       Parent=Smp_019100.1;Name=655c637f-c9ff-4a89-91c5-
e8cf7ffb2eb2
SM_V9_1 iris    exon    45891738        45891902        .       -
        .
Parent=Smp_019100.1;Name=b3b528c9-5cf3-4c25-83ad-16d87f16f943
SM_V9_1 iris    exon    45895686        45895967        .       -
        .       Parent=Smp_019100.1;Name=9c9caf2f-ca90-43ab-
b723-0459e89e3130
SM_V9_1 iris    exon    45896973        45898135        .       -
        .       Parent=Smp_019100.1;Name=ef3b1a81-de8a-4e5c-
aa5f-73da34ad4880
SM_V9_1 iris    CDS     45888938        45889012        .       -
        0       Parent=Smp_019100.1
SM_V9_1 iris    CDS     45891738        45891902        .       -
        0       Parent=Smp_019100.1
SM_V9_1 iris    CDS     45895686        45895967        .       -
        0       Parent=Smp_019100.1
SM_V9_1 iris    CDS     45896973        45897869        .       -
        0       Parent=Smp_019100.1
SM_V9_1 iris    gene    45908903        45931781        .       +
        .
ID=Smp_132620;geneID=Smp_132620;gene_name=Smp_132620;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45908903        45931781        .       +
        .
ID=Smp_132620.1;Parent=Smp_132620;geneID=Smp_132620;gene_name=Smp_13
2620;owner=irisadmin@local.host;orig_id=Smp_132620.1;date_last_modif
ied=2022-08-02;Name=Smp_132620.1;product=Mitofusin-2;date_creation=2
022-07-28
SM_V9_1 iris    exon    45908903        45909123        .       +
        .       Parent=Smp_132620.1;Name=9aa12b32-a965-43f0-
b69a-8ec79269fa6d
SM_V9_1 iris    exon    45909163        45909286        .       +
        .
Parent=Smp_132620.1;Name=1472f3c6-6734-4efc-9cb4-71ae04234413
SM_V9_1 iris    exon    45913111        45913291        .       +
        .       Parent=Smp_132620.1;Name=a36c40d2-26f3-45e5-
a00a-40885bd364fa
SM_V9_1 iris    exon    45913885        45914130        .       +
        .       Parent=Smp_132620.1;Name=f7dcf0e6-c733-4d0a-
bd33-0fe1cbddf1c1
SM_V9_1 iris    exon    45918017        45918124        .       +
        .       Parent=Smp_132620.1;Name=7194e263-ba90-4834-8695-
a01a53bfe6d0
SM_V9_1 iris    exon    45918851        45919052        .       +
        .       Parent=Smp_132620.1;Name=503c15af-ec27-4358-
be25-31a55b961bae
SM_V9_1 iris    exon    45921865        45921932        .       +
        .       Parent=Smp_132620.1;Name=2ccd7d0e-3e4c-4f3c-83fc-
c6c63bb7f4e6
SM_V9_1 iris    exon    45922874        45922995        .       +
        .
Parent=Smp_132620.1;Name=475495e6-8b41-4ad7-86ba-9664c518ec44
SM_V9_1 iris    exon    45924078        45924412        .       +
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        .       Parent=Smp_132620.1;Name=eda798e4-c089-46d4-
b378-207dcd6b8f9d
SM_V9_1 iris    exon    45925238        45925440        .       +
        .       Parent=Smp_132620.1;Name=a0bdc904-ad76-4782-9f0c-
f103d68b8881
SM_V9_1 iris    exon    45927001        45927138        .       +
        .
Parent=Smp_132620.1;Name=bc6f0d79-8ec3-4704-9bed-3216a9fb62bb
SM_V9_1 iris    exon    45928143        45928331        .       +
        .       Parent=Smp_132620.1;Name=f3274700-ab54-4777-a015-
f42484a24637
SM_V9_1 iris    exon    45928938        45929080        .       +
        .       Parent=Smp_132620.1;Name=6c68e473-
d7d0-4c13-8a42-5c5790a66c71
SM_V9_1 iris    exon    45930950        45931781        .       +
        .       Parent=Smp_132620.1;Name=a67a56b6-ad7a-4fcd-
bd36-2c638c93823d
SM_V9_1 iris    CDS     45908940        45909123        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45909163        45909286        .       +
        2       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45913111        45913291        .       +
        1       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45913885        45914130        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45918017        45918124        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45918851        45919052        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45921865        45921932        .       +
        2       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45922874        45922995        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45924078        45924412        .       +
        1       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45925238        45925440        .       +
        2       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45927001        45927138        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45928143        45928331        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45928938        45929080        .       +
        0       Parent=Smp_132620.1
SM_V9_1 iris    CDS     45930950        45931031        .       +
        1       Parent=Smp_132620.1
SM_V9_1 iris    gene    45948645        46031170        .       -
        .
ID=Smp_301660;geneID=Smp_301660;gene_name=Smp_301660;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    45948645        46031170        .       -
        .
ID=Smp_301660.1;Parent=Smp_301660;geneID=Smp_301660;gene_name=Smp_30
1660;owner=irisadmin@local.host;orig_id=Smp_301660.1;date_last_modif
ied=2022-08-02;Name=Smp_301660.1;product=Hypothetical
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protein;date_creation=2022-07-28
SM_V9_1 iris    exon    45948645        45950847        .       -
        .       Parent=Smp_301660.1;Name=384c72cc-71ae-43d0-
be56-02bd971f56e2
SM_V9_1 iris    exon    45952327        45952377        .       -
        .       Parent=Smp_301660.1;Name=23214efc-1a3b-47a0-9d5b-
e476041f3559
SM_V9_1 iris    exon    45954370        45954415        .       -
        .       Parent=Smp_301660.1;Name=5c6a48f0-
a524-4273-9d1e-2671d1bbd8b3
SM_V9_1 iris    exon    45976726        45976812        .       -
        .       Parent=Smp_301660.1;Name=c81865fa-3bc2-4357-9166-
bca36cd243eb
SM_V9_1 iris    exon    46029539        46031170        .       -
        .       Parent=Smp_301660.1;Name=a007533c-f625-465c-8f8d-
effbb5836823
SM_V9_1 iris    CDS     45950558        45950847        .       -
        2       Parent=Smp_301660.1
SM_V9_1 iris    CDS     45952327        45952377        .       -
        2       Parent=Smp_301660.1
SM_V9_1 iris    CDS     45954370        45954415        .       -
        0       Parent=Smp_301660.1
SM_V9_1 iris    CDS     45976726        45976812        .       -
        0       Parent=Smp_301660.1
SM_V9_1 iris    CDS     46029539        46030504        .       -
        0       Parent=Smp_301660.1
SM_V9_1 Liftoff gene    46056815        46076540        .       +
        .       ID=Smp_019130;geneID=Smp_019130
SM_V9_1 Liftoff mRNA    46056815        46076540        .       +
        .
ID=Smp_019130.1;Parent=Smp_019130;geneID=Smp_019130;product=Polyribo
nucleotide 5'-hydroxyl-kinase
Clp1;polypeptide_domain=InterPro:IPR010655,IPR027417,IPR028606,IPR03
2319,IPR032324
Pfam:PF06807,PF16573,PF16575;Ontology_term=GO:0005849,GO:0031124
SM_V9_1 Liftoff exon    46056815        46063406        .       +
        .       Parent=Smp_019130.1
SM_V9_1 Liftoff exon    46065397        46065540        .       +
        .       Parent=Smp_019130.1
SM_V9_1 Liftoff exon    46067103        46067270        .       +
        .       Parent=Smp_019130.1
SM_V9_1 Liftoff exon    46073229        46073453        .       +
        .       Parent=Smp_019130.1
SM_V9_1 Liftoff exon    46076123        46076540        .       +
        .       Parent=Smp_019130.1
SM_V9_1 Liftoff CDS     46062927        46063406        .       +
        0       Parent=Smp_019130.1
SM_V9_1 Liftoff CDS     46065397        46065540        .       +
        0       Parent=Smp_019130.1
SM_V9_1 Liftoff CDS     46067103        46067270        .       +
        0       Parent=Smp_019130.1
SM_V9_1 Liftoff CDS     46073229        46073453        .       +
        0       Parent=Smp_019130.1
SM_V9_1 Liftoff CDS     46076123        46076434        .       +
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        0       Parent=Smp_019130.1
SM_V9_1 iris    gene    46089757        46095572        .       -
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ID=Smp_132640;geneID=Smp_132640;gene_name=Smp_132640;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46089757        46095572        .       -
        .
ID=Smp_132640.1;Parent=Smp_132640;geneID=Smp_132640;gene_name=Smp_13
2640;owner=irisadmin@local.host;orig_id=Smp_132640.2;date_last_modif
ied=2022-08-02;Name=Smp_132640.1;product=CDP-diacylglycerol--
inositol 3-phosphatidyltransferase;date_creation=2022-07-28
SM_V9_1 iris    exon    46089757        46090448        .       -
        .       Parent=Smp_132640.1;Name=85591521-3a61-431f-
bc3c-55e7db231bdd
SM_V9_1 iris    exon    46091718        46091799        .       -
        .       Parent=Smp_132640.1;Name=e07ea732-914e-46eb-
b131-7ef7915a1c26
SM_V9_1 iris    exon    46091843        46091924        .       -
        .
Parent=Smp_132640.1;Name=7faf31d0-4ae9-49e8-94d6-5cb5d790d4f6
SM_V9_1 iris    exon    46091956        46092109        .       -
        .       Parent=Smp_132640.1;Name=96f5c87c-c345-4d48-86ee-
b649ff4b65a3
SM_V9_1 iris    exon    46092151        46092285        .       -
        .       Parent=Smp_132640.1;Name=63c4e1fe-fb7f-45ec-
a754-59bf39f57ac4
SM_V9_1 iris    exon    46095155        46095377        .       -
        .       Parent=Smp_132640.1;Name=785bcdff-2472-4d51-
aee6-319c831f9e7d
SM_V9_1 iris    exon    46095502        46095572        .       -
        .       Parent=Smp_132640.1;Name=c30b8ff7-a6ad-4a9c-
baeb-2f1628d1e870
SM_V9_1 iris    CDS     46090297        46090448        .       -
        2       Parent=Smp_132640.1
SM_V9_1 iris    CDS     46091718        46091799        .       -
        0       Parent=Smp_132640.1
SM_V9_1 iris    CDS     46091843        46091924        .       -
        1       Parent=Smp_132640.1
SM_V9_1 iris    CDS     46091956        46092109        .       -
        2       Parent=Smp_132640.1
SM_V9_1 iris    CDS     46092151        46092285        .       -
        2       Parent=Smp_132640.1
SM_V9_1 iris    CDS     46095155        46095188        .       -
        0       Parent=Smp_132640.1
SM_V9_1 Liftoff gene    46099754        46149931        .       -
        .       ID=Smp_201130;geneID=Smp_201130
SM_V9_1 Liftoff mRNA    46099754        46149931        .       -
        .
ID=Smp_201130.1;Parent=Smp_201130;geneID=Smp_201130;product=Tumor
protein p53-inducible protein
11;polypeptide_domain=InterPro:IPR028266 Pfam:PF14936
SM_V9_1 Liftoff exon    46099754        46100732        .       -
        .       Parent=Smp_201130.1
SM_V9_1 Liftoff exon    46105942        46106043        .       -
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        .       Parent=Smp_201130.1
SM_V9_1 Liftoff exon    46107487        46107643        .       -
        .       Parent=Smp_201130.1
SM_V9_1 Liftoff exon    46121641        46121754        .       -
        .       Parent=Smp_201130.1
SM_V9_1 Liftoff exon    46143950        46144040        .       -
        .       Parent=Smp_201130.1
SM_V9_1 Liftoff exon    46149772        46149931        .       -
        .       Parent=Smp_201130.1
SM_V9_1 Liftoff CDS     46100542        46100732        .       -
        2       Parent=Smp_201130.1
SM_V9_1 Liftoff CDS     46105942        46106043        .       -
        2       Parent=Smp_201130.1
SM_V9_1 Liftoff CDS     46107487        46107643        .       -
        0       Parent=Smp_201130.1
SM_V9_1 Liftoff CDS     46121641        46121754        .       -
        0       Parent=Smp_201130.1
SM_V9_1 Liftoff CDS     46143950        46144040        .       -
        1       Parent=Smp_201130.1
SM_V9_1 Liftoff CDS     46149772        46149791        .       -
        0       Parent=Smp_201130.1
SM_V9_1 Liftoff mRNA    46099754        46149931        .       -
        .
ID=Smp_201130.2;Parent=Smp_201130;geneID=Smp_201130;product=Pseudour
idine-5'-phosphate glycosidase
SM_V9_1 Liftoff exon    46099754        46100732        .       -
        .       Parent=Smp_201130.2
SM_V9_1 Liftoff exon    46105942        46106043        .       -
        .       Parent=Smp_201130.2
SM_V9_1 Liftoff exon    46107487        46107643        .       -
        .       Parent=Smp_201130.2
SM_V9_1 Liftoff exon    46121641        46121754        .       -
        .       Parent=Smp_201130.2
SM_V9_1 Liftoff exon    46143660        46143717        .       -
        .       Parent=Smp_201130.2
SM_V9_1 Liftoff exon    46143950        46149931        .       -
        .       Parent=Smp_201130.2
SM_V9_1 Liftoff CDS     46100542        46100732        .       -
        2       Parent=Smp_201130.2
SM_V9_1 Liftoff CDS     46105942        46106043        .       -
        2       Parent=Smp_201130.2
SM_V9_1 Liftoff CDS     46107487        46107643        .       -
        0       Parent=Smp_201130.2
SM_V9_1 Liftoff CDS     46121641        46121754        .       -
        0       Parent=Smp_201130.2
SM_V9_1 Liftoff CDS     46143660        46143717        .       -
        1       Parent=Smp_201130.2
SM_V9_1 Liftoff CDS     46143950        46143966        .       -
        0       Parent=Smp_201130.2
SM_V9_1 iris    gene    46166698        46195310        .       -
        .
ID=Smp_132660;geneID=Smp_132660;gene_name=Smp_132660;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46166698        46195310        .       -
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        .
ID=Smp_132660.1;Parent=Smp_132660;geneID=Smp_132660;gene_name=Smp_13
2660;owner=irisadmin@local.host;orig_id=Smp_132660.1;date_last_modif
ied=2022-08-02;Name=Smp_132660.1;product=Putative protein
tag-52;date_creation=2022-07-28
SM_V9_1 iris    exon    46166698        46166899        .       -
        .       Parent=Smp_132660.1;Name=2d406f85-047d-4403-bffb-
aa614c0d7bc1
SM_V9_1 iris    exon    46168217        46168273        .       -
        .
Parent=Smp_132660.1;Name=f5523fab-278d-4f40-8f4d-4eec38f503d3
SM_V9_1 iris    exon    46172154        46172320        .       -
        .
Parent=Smp_132660.1;Name=cf1f6275-2c1a-4e2c-9579-8dbc7f704106
SM_V9_1 iris    exon    46175825        46176121        .       -
        .       Parent=Smp_132660.1;Name=d2503d76-e72f-4007-
b130-604055f89fca
SM_V9_1 iris    exon    46177570        46177687        .       -
        .       Parent=Smp_132660.1;Name=4d49408d-5cbf-4887-
baef-050fc6c2bab4
SM_V9_1 iris    exon    46178477        46178565        .       -
        .       Parent=Smp_132660.1;Name=d22fe773-
d331-49f4-9d10-00ec5507568d
SM_V9_1 iris    exon    46180281        46180429        .       -
        .       Parent=Smp_132660.1;Name=d4fb46c7-0e26-4957-937d-
ccd244e2a364
SM_V9_1 iris    exon    46182365        46182845        .       -
        .       Parent=Smp_132660.1;Name=727474cd-ca33-44cd-bc25-
efb452d5e923
SM_V9_1 iris    exon    46183202        46183634        .       -
        .
Parent=Smp_132660.1;Name=06d1a08e-2e08-47e7-8128-071b0a44ebc5
SM_V9_1 iris    exon    46185590        46185705        .       -
        .
Parent=Smp_132660.1;Name=f4e5e8ca-3c1d-4f70-9dad-17e4060b036c
SM_V9_1 iris    exon    46192651        46193116        .       -
        .       Parent=Smp_132660.1;Name=d13644bd-b6f4-4fac-
be8f-50a25e116b42
SM_V9_1 iris    exon    46195229        46195310        .       -
        .       Parent=Smp_132660.1;Name=a9fd7bc5-218a-43ec-9b78-
b72f5d538e7e
SM_V9_1 iris    CDS     46168243        46168273        .       -
        1       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46172154        46172320        .       -
        0       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46175825        46176121        .       -
        0       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46177570        46177687        .       -
        1       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46178477        46178565        .       -
        0       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46180281        46180429        .       -
        2       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46182365        46182845        .       -
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        0       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46183202        46183634        .       -
        1       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46185590        46185705        .       -
        0       Parent=Smp_132660.1
SM_V9_1 iris    CDS     46192651        46192821        .       -
        0       Parent=Smp_132660.1
SM_V9_1 iris    gene    46203197        46210647        .       -
        .
ID=Smp_132670;geneID=Smp_132670;gene_name=Smp_132670;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    46203197        46210647        .       -
        .
ID=Smp_132670.1;Parent=Smp_132670;geneID=Smp_132670;gene_name=Smp_13
2670;owner=irisadmin@local.host;orig_id=Smp_132670.1;date_last_modif
ied=2022-08-16;Name=Smp_132670.1;product=myosin regulatory light
chain 2 smooth muscle;date_creation=2022-08-16
SM_V9_1 iris    exon    46203197        46204605        .       -
        .       Parent=Smp_132670.1;Name=555c38ba-a80f-499e-a997-
e14f47d00610
SM_V9_1 iris    exon    46205569        46205617        .       -
        .
Parent=Smp_132670.1;Name=3f161795-49bb-428b-804b-20dc3f75a112
SM_V9_1 iris    exon    46205661        46205739        .       -
        .       Parent=Smp_132670.1;Name=64fe1d55-a5e9-4cbe-b750-
e4d69b42e3fb
SM_V9_1 iris    exon    46206278        46206379        .       -
        .       Parent=Smp_132670.1;Name=7dfa4ebb-
aade-4115-9e7d-3029d5218b7e
SM_V9_1 iris    exon    46206437        46206512        .       -
        .
Parent=Smp_132670.1;Name=26e81f8c-4f19-4589-9da2-17a452af2803
SM_V9_1 iris    exon    46206570        46206758        .       -
        .
Parent=Smp_132670.1;Name=db0bf5ff-9332-48b5-933d-1b94560ca905
SM_V9_1 iris    exon    46210573        46210647        .       -
        .       Parent=Smp_132670.1;Name=38413c49-4673-48a1-99a6-
c345684f66ac
SM_V9_1 iris    CDS     46204510        46204605        .       -
        0       Parent=Smp_132670.1
SM_V9_1 iris    CDS     46205569        46205617        .       -
        1       Parent=Smp_132670.1
SM_V9_1 iris    CDS     46205661        46205739        .       -
        2       Parent=Smp_132670.1
SM_V9_1 iris    CDS     46206278        46206379        .       -
        2       Parent=Smp_132670.1
SM_V9_1 iris    CDS     46206437        46206512        .       -
        0       Parent=Smp_132670.1
SM_V9_1 iris    CDS     46206570        46206758        .       -
        0       Parent=Smp_132670.1
SM_V9_1 iris    CDS     46210573        46210584        .       -
        0       Parent=Smp_132670.1
SM_V9_1 iris    gene    46220117        46249281        .       -
        .
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ID=Smp_019170;geneID=Smp_019170;gene_name=Smp_019170;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46220117        46249281        .       -
       .
ID=Smp_019170.1;Parent=Smp_019170;geneID=Smp_019170;gene_name=Smp_01
9170;owner=irisadmin@local.host;orig_id=Smp_019170.1;date_last_modif
ied=2022-08-02;Name=Smp_019170.1;product=Lysine-specific demethylase
5D;date_creation=2022-07-28
SM_V9_1 iris    exon    46220117        46220953        .       -
       .       Parent=Smp_019170.1;Name=0f83e614-181b-4d65-bbb0-
e1d0e28f6c40
SM_V9_1 iris    exon    46221765        46222013        .       -
       .       Parent=Smp_019170.1;Name=0cf48b61-
dfb4-4121-8b6f-9affb6835a77
SM_V9_1 iris    exon    46222506        46222640        .       -
       .       Parent=Smp_019170.1;Name=d4929f69-c554-4c05-
ae87-8502eccb4ea8
SM_V9_1 iris    exon    46228702        46228794        .       -
       .       Parent=Smp_019170.1;Name=49a38e03-91ee-4211-
bb0e-881089ac786e
SM_V9_1 iris    exon    46230471        46230710        .       -
       .       Parent=Smp_019170.1;Name=b82814d1-
f184-40e1-9d02-5e2b9b561f20
SM_V9_1 iris    exon    46231683        46231965        .       -
       .       Parent=Smp_019170.1;Name=11277d59-396a-43ca-8ee6-
d48f84e6271c
SM_V9_1 iris    exon    46232810        46233195        .       -
       .       Parent=Smp_019170.1;Name=b888d21c-5e65-4bfc-a7a3-
d66770302a6d
SM_V9_1 iris    exon    46233855        46234233        .       -
       .       Parent=Smp_019170.1;Name=cbaa3821-75a9-4345-b830-
d7c1c67163cb
SM_V9_1 iris    exon    46234839        46235167        .       -
       .       Parent=Smp_019170.1;Name=613ade4e-0172-440f-9b1e-
e9441549c579
SM_V9_1 iris    exon    46236818        46237137        .       -
       .       Parent=Smp_019170.1;Name=c0fdcc0f-657a-42e9-
b735-7d28cd6c1c28
SM_V9_1 iris    exon    46240048        46240612        .       -
       .       Parent=Smp_019170.1;Name=1437674c-9cf7-4dd6-
b7cb-8b374ba5808e
SM_V9_1 iris    exon    46241255        46241537        .       -
       .
Parent=Smp_019170.1;Name=aedc8b5e-8df2-4086-85b7-2b1028dd9635
SM_V9_1 iris    exon    46242264        46242395        .       -
       .       Parent=Smp_019170.1;Name=eb6e1e80-b0aa-4d13-
a4d1-1e4f0a5d4f50
SM_V9_1 iris    exon    46243307        46243533        .       -
       .       Parent=Smp_019170.1;Name=17694184-55e2-4830-
a3b2-9902d5d1fe62
SM_V9_1 iris    exon    46246989        46247273        .       -
       .
Parent=Smp_019170.1;Name=6c7f4e5a-1633-42ea-9071-1511b34356ca
SM_V9_1 iris    exon    46247316        46247335        .       -
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        .       Parent=Smp_019170.1;Name=a51a93e8-5b07-4bef-92a6-
c76f7e61c232
SM_V9_1 iris    exon    46247381        46247480        .       -
        .       Parent=Smp_019170.1;Name=d8bf302c-03e4-4c9b-
add1-28d600724f25
SM_V9_1 iris    exon    46247520        46247579        .       -
        .
Parent=Smp_019170.1;Name=eb41230a-7c4f-4fd5-999b-19b650b25a34
SM_V9_1 iris    exon    46247613        46247849        .       -
        .       Parent=Smp_019170.1;Name=c3437581-e5c0-4a2e-
bab9-55256c9a8a4d
SM_V9_1 iris    exon    46247884        46247943        .       -
        .
Parent=Smp_019170.1;Name=c26c9f14-0180-47cc-9cd7-19e5cb1e13e9
SM_V9_1 iris    exon    46247977        46248054        .       -
        .       Parent=Smp_019170.1;Name=0aaa9fba-5f51-4049-921e-
c660c22f7ee5
SM_V9_1 iris    exon    46248274        46248429        .       -
        .       Parent=Smp_019170.1;Name=b2efc9fc-
d9ec-42e7-85bb-8a6e1a0e98fd
SM_V9_1 iris    exon    46248981        46249281        .       -
        .       Parent=Smp_019170.1;Name=c6c71d77-a170-4528-8a6a-
ceff80a4ab81
SM_V9_1 iris    CDS     46220642        46220953        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46221765        46222013        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46222506        46222640        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46228702        46228794        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46230471        46230710        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46231683        46231965        .       -
        1       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46232810        46233195        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46233855        46234233        .       -
        1       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46234839        46235167        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46236818        46237137        .       -
        2       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46240048        46240612        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46241255        46241537        .       -
        1       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46242264        46242395        .       -
        1       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46243307        46243533        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46246989        46247273        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46247316        46247335        .       -
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        2       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46247381        46247480        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46247520        46247579        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46247613        46247849        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46247884        46247943        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46247977        46248054        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    CDS     46248274        46248420        .       -
        0       Parent=Smp_019170.1
SM_V9_1 iris    gene    46249400        46267019        .       +
        .
ID=Smp_132690;geneID=Smp_132690;gene_name=Smp_132690;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46249400        46267019        .       +
        .
ID=Smp_132690.1;Parent=Smp_132690;geneID=Smp_132690;gene_name=Smp_13
2690;owner=irisadmin@local.host;orig_id=Smp_132690.1;date_last_modif
ied=2022-08-02;Name=Smp_132690.1;product=RuvB-like
2;date_creation=2022-07-28
SM_V9_1 iris    exon    46249400        46249435        .       +
        .       Parent=Smp_132690.1;Name=aa3e6728-b3d3-422e-
b14e-1dfc16669b06
SM_V9_1 iris    exon    46249524        46249909        .       +
        .       Parent=Smp_132690.1;Name=34c584bd-327a-403d-b3cf-
ab4c75d9cfde
SM_V9_1 iris    exon    46249941        46250114        .       +
        .       Parent=Smp_132690.1;Name=77ed6b23-9a95-45e9-
a6bd-1b05b38c95a4
SM_V9_1 iris    exon    46250147        46250459        .       +
        .       Parent=Smp_132690.1;Name=32d8ab8f-bcad-4554-9a2d-
ce6295a4d79b
SM_V9_1 iris    exon    46251071        46251189        .       +
        .       Parent=Smp_132690.1;Name=5a304ca3-268a-40d5-a8e4-
f50f8406e369
SM_V9_1 iris    exon    46253456        46253705        .       +
        .
Parent=Smp_132690.1;Name=42ff29a8-9b0a-4dc7-9bba-3588ccbed72c
SM_V9_1 iris    exon    46262516        46262654        .       +
        .
Parent=Smp_132690.1;Name=3acf7e7f-43f4-478f-896b-514c2f4e2591
SM_V9_1 iris    exon    46266843        46267019        .       +
        .       Parent=Smp_132690.1;Name=4a8b8312-1634-4853-
a87a-6aa8c334a0fe
SM_V9_1 iris    CDS     46249427        46249435        .       +
        0       Parent=Smp_132690.1
SM_V9_1 iris    CDS     46249524        46249909        .       +
        0       Parent=Smp_132690.1
SM_V9_1 iris    CDS     46249941        46250114        .       +
        1       Parent=Smp_132690.1
SM_V9_1 iris    CDS     46250147        46250459        .       +
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        1       Parent=Smp_132690.1
SM_V9_1 iris    CDS     46251071        46251189        .       +
        0       Parent=Smp_132690.1
SM_V9_1 iris    CDS     46253456        46253705        .       +
        1       Parent=Smp_132690.1
SM_V9_1 iris    CDS     46262516        46262654        .       +
        0       Parent=Smp_132690.1
SM_V9_1 iris    CDS     46266843        46266862        .       +
        2       Parent=Smp_132690.1
SM_V9_1 Liftoff gene    46272289        46280611        .       -
        .       ID=Smp_019190;geneID=Smp_019190
SM_V9_1 Liftoff mRNA    46272289        46280611        .       -
        .
ID=Smp_019190.1;Parent=Smp_019190;geneID=Smp_019190;product=Pre-
mRNA-splicing factor SLU7;polypeptide_domain=InterPro:IPR021715
Pfam:PF11708
SM_V9_1 Liftoff exon    46272289        46273210        .       -
        .       Parent=Smp_019190.1
SM_V9_1 Liftoff exon    46273727        46273981        .       -
        .       Parent=Smp_019190.1
SM_V9_1 Liftoff exon    46274456        46274833        .       -
        .       Parent=Smp_019190.1
SM_V9_1 Liftoff exon    46277152        46277376        .       -
        .       Parent=Smp_019190.1
SM_V9_1 Liftoff exon    46280144        46280611        .       -
        .       Parent=Smp_019190.1
SM_V9_1 Liftoff CDS     46272386        46273210        .       -
        0       Parent=Smp_019190.1
SM_V9_1 Liftoff CDS     46273727        46273981        .       -
        0       Parent=Smp_019190.1
SM_V9_1 Liftoff CDS     46274456        46274833        .       -
        0       Parent=Smp_019190.1
SM_V9_1 Liftoff CDS     46277152        46277376        .       -
        0       Parent=Smp_019190.1
SM_V9_1 Liftoff CDS     46280144        46280578        .       -
        0       Parent=Smp_019190.1
SM_V9_1 iris    gene    46403353        46498492        .       +
        .
ID=Smp_132700;geneID=Smp_132700;gene_name=Smp_132700;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-11-03
SM_V9_1 iris    mRNA    46403353        46498492        .       +
        .
ID=Smp_132700.2;Parent=Smp_132700;geneID=Smp_132700;gene_name=Smp_13
2700;owner=irisadmin@local.host;orig_id=Smp_132700.2;date_last_modif
ied=2022-11-03;Name=Smp_132700.2;product=Nephrin;date_creation=2022-
11-03
SM_V9_1 iris    exon    46403353        46404072        .       +
        .       Parent=Smp_132700.2;Name=3cf93f47-4f84-4be8-8737-
a8f3c2ff730a
SM_V9_1 iris    exon    46420564        46420788        .       +
        .       Parent=Smp_132700.2;Name=397a1858-6079-4b75-b0e8-
f7a7eea2d5d5
SM_V9_1 iris    exon    46438827        46439006        .       +
        .       Parent=Smp_132700.2;Name=ae81ef29-
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a2ad-441a-87d0-8104c7c7c4d4
SM_V9_1 iris    exon    46440697        46441098        .       +
        .       Parent=Smp_132700.2;Name=55566205-0847-4c0f-
a682-4dfef29f45ca
SM_V9_1 iris    exon    46445050        46445439        .       +
        .
Parent=Smp_132700.2;Name=a4b9c7f0-6a8e-4395-80ee-7dd72104347a
SM_V9_1 iris    exon    46451561        46452016        .       +
        .
Parent=Smp_132700.2;Name=2090e4d6-7c91-4917-9fff-244d8e40a9cb
SM_V9_1 iris    exon    46454342        46454467        .       +
        .
Parent=Smp_132700.2;Name=b043ec41-6598-43cd-9c74-965c701913c5
SM_V9_1 iris    exon    46455685        46455826        .       +
        .       Parent=Smp_132700.2;Name=f68a11e5-
e534-4ba9-9e0a-20d0ed95e243
SM_V9_1 iris    exon    46458733        46459148        .       +
        .       Parent=Smp_132700.2;Name=a673776b-54f4-477b-
b89c-80347702beda
SM_V9_1 iris    exon    46459924        46460283        .       +
        .       Parent=Smp_132700.2;Name=6482000e-00e3-441e-a9cd-
b62ff3dc7bbf
SM_V9_1 iris    exon    46462809        46463117        .       +
        .
Parent=Smp_132700.2;Name=21d6f5d2-5c30-478d-856b-27fdd2365659
SM_V9_1 iris    exon    46465601        46465851        .       +
        .       Parent=Smp_132700.2;Name=e7fc46e7-acb4-43ef-
ad54-540c67e66ad9
SM_V9_1 iris    exon    46469059        46469236        .       +
        .       Parent=Smp_132700.2;Name=0e7a3ce7-ba4c-40f5-
ba7e-4130d63ab63e
SM_V9_1 iris    exon    46472151        46472479        .       +
        .       Parent=Smp_132700.2;Name=76c9ce96-ba48-4f83-8c90-
ea5217119b48
SM_V9_1 iris    exon    46477255        46477413        .       +
        .       Parent=Smp_132700.2;Name=a1b12150-ddee-4e76-
a39e-4e26d7966aa7
SM_V9_1 iris    exon    46480675        46480768        .       +
        .       Parent=Smp_132700.2;Name=5e72e9f4-
dc70-4597-8e3f-9271d6dbbdf9
SM_V9_1 iris    exon    46482827        46482925        .       +
        .       Parent=Smp_132700.2;Name=567e2b96-95d9-466e-
ad7a-3d6a19677f2a
SM_V9_1 iris    exon    46486091        46486408        .       +
        .       Parent=Smp_132700.2;Name=78be78af-aa03-478d-bd62-
d480a3bec16f
SM_V9_1 iris    exon    46488719        46488861        .       +
        .       Parent=Smp_132700.2;Name=4e3de041-85f9-4c52-
aedc-310da151b073
SM_V9_1 iris    exon    46491637        46492420        .       +
        .       Parent=Smp_132700.2;Name=d6dc1b78-3d17-4092-
a44a-52008fa8bbc7
SM_V9_1 iris    exon    46493291        46493433        .       +
        .       Parent=Smp_132700.2;Name=5a29dda7-a0d6-41c6-b4bf-
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b0be0f61031e
SM_V9_1 iris    exon    46497576        46498492        .       +
        .       Parent=Smp_132700.2;Name=8df8a17b-91ec-41a7-8daa-
a48ff57f405a
SM_V9_1 iris    CDS     46404015        46404072        .       +
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SM_V9_1 iris    CDS     46420564        46420788        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46438827        46439006        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46440697        46441098        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46445050        46445439        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46451561        46452016        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46454342        46454467        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46455685        46455826        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46458733        46459148        .       +
        1       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46459924        46460283        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46462809        46463117        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46465601        46465851        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46469059        46469236        .       +
        0       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46472151        46472479        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46477255        46477413        .       +
        0       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46480675        46480768        .       +
        0       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46482827        46482925        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46486091        46486408        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46488719        46488861        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46491637        46492420        .       +
        0       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46493291        46493433        .       +
        2       Parent=Smp_132700.2
SM_V9_1 iris    CDS     46497576        46497974        .       +
        0       Parent=Smp_132700.2
SM_V9_1 iris    mRNA    46419914        46498492        .       +
        .
ID=Smp_132700.1;Parent=Smp_132700;geneID=Smp_132700;gene_name=Smp_13
2700;owner=irisadmin@local.host;orig_id=Smp_132700.1;date_last_modif
ied=2022-11-03;Name=Smp_132700.1;product=Nephrin;date_creation=2022-
11-03
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SM_V9_1 iris    exon    46419914        46420788        .       +
        .       Parent=Smp_132700.1;Name=0674fd5c-b683-4702-
a695-056160b1fb16
SM_V9_1 iris    exon    46438827        46439006        .       +
        .       Parent=Smp_132700.1;Name=33e2ee43-06c2-4eac-
be2d-577b6c646b6b
SM_V9_1 iris    exon    46440697        46441098        .       +
        .
Parent=Smp_132700.1;Name=cd14a06b-1749-4c9d-834f-3c0422b0eeda
SM_V9_1 iris    exon    46445050        46445439        .       +
        .       Parent=Smp_132700.1;Name=ea9b5d33-b24e-45a2-a1b4-
c689a6c9d099
SM_V9_1 iris    exon    46451561        46452016        .       +
        .
Parent=Smp_132700.1;Name=eb8d2d1e-5fac-4709-85d6-994cce6eccea
SM_V9_1 iris    exon    46454342        46454467        .       +
        .       Parent=Smp_132700.1;Name=31f6a8a9-c8fd-4fbd-
b53c-9f1f35b814b1
SM_V9_1 iris    exon    46455685        46455826        .       +
        .       Parent=Smp_132700.1;Name=1f942dc8-27ff-465f-8202-
b52bdbf420f0
SM_V9_1 iris    exon    46458733        46459148        .       +
        .       Parent=Smp_132700.1;Name=819c0e66-643c-40f3-
a67a-3ea5ecfa2a34
SM_V9_1 iris    exon    46459924        46460283        .       +
        .       Parent=Smp_132700.1;Name=23b98ec5-
f24e-4d15-81bc-9aa0dc200449
SM_V9_1 iris    exon    46462809        46463117        .       +
        .       Parent=Smp_132700.1;Name=82c2360e-
abed-4c76-9723-2125d454fda2
SM_V9_1 iris    exon    46465601        46465851        .       +
        .
Parent=Smp_132700.1;Name=37cdf9f1-9bef-44a5-8b5f-285f7bc023d6
SM_V9_1 iris    exon    46469059        46469236        .       +
        .       Parent=Smp_132700.1;Name=7d4caff7-a0ac-4978-ae91-
e58dc5ca1277
SM_V9_1 iris    exon    46472151        46472479        .       +
        .       Parent=Smp_132700.1;Name=60e9ad42-1814-4018-
a559-13f7238ea004
SM_V9_1 iris    exon    46477255        46477413        .       +
        .       Parent=Smp_132700.1;Name=eb1ab3a7-
db7d-4b88-97cd-4463d5a0e52d
SM_V9_1 iris    exon    46480675        46480768        .       +
        .       Parent=Smp_132700.1;Name=d7c90b6e-
d48d-49bb-996e-0080f290cd3f
SM_V9_1 iris    exon    46482827        46482925        .       +
        .       Parent=Smp_132700.1;Name=5148ba4b-0294-447e-90c9-
b98ec5e218eb
SM_V9_1 iris    exon    46486091        46486408        .       +
        .       Parent=Smp_132700.1;Name=166fb403-f0d7-4658-
b691-6313757028a9
SM_V9_1 iris    exon    46488719        46488861        .       +
        .
Parent=Smp_132700.1;Name=cd18c240-891f-43f7-807d-7c331d9d3ba1
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SM_V9_1 iris    exon    46491637        46492420        .       +
        .       Parent=Smp_132700.1;Name=50c5011c-9109-48fa-acbb-
af4cea78a735
SM_V9_1 iris    exon    46493291        46493433        .       +
        .       Parent=Smp_132700.1;Name=401d3c6a-
fd63-425f-8892-3248a4320955
SM_V9_1 iris    exon    46497576        46498492        .       +
        .       Parent=Smp_132700.1;Name=3598fd96-a391-4bcb-89f9-
b988141bff80
SM_V9_1 iris    CDS     46420170        46420788        .       +
        0       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46438827        46439006        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46440697        46441098        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46445050        46445439        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46451561        46452016        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46454342        46454467        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46455685        46455826        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46458733        46459148        .       +
        1       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46459924        46460283        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46462809        46463117        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46465601        46465851        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46469059        46469236        .       +
        0       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46472151        46472479        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46477255        46477413        .       +
        0       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46480675        46480768        .       +
        0       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46482827        46482925        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46486091        46486408        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46488719        46488861        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46491637        46492420        .       +
        0       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46493291        46493433        .       +
        2       Parent=Smp_132700.1
SM_V9_1 iris    CDS     46497576        46497974        .       +
        0       Parent=Smp_132700.1
SM_V9_1 Liftoff gene    46515875        46532739        .       +
        .
ID=Smp_342710;geneID=Smp_342710;previous_systematic_id=Smp_132720
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SM_V9_1 Liftoff mRNA    46515875        46532739        .       +
        .
ID=Smp_342710.1;Parent=Smp_342710;geneID=Smp_342710;product=mRNA-
capping
enzyme;polypeptide_domain=InterPro:IPR000340,IPR000387,IPR001339,IPR
012340,IPR013846,IPR016130,IPR017074,IPR029021
Pfam:PF00782,PF01331,PF03919;Ontology_term=GO:0004484,GO:0004651,GO:
0004725,GO:0005634,GO:0006370,GO:0008138,GO:0016311,GO:0016791
SM_V9_1 Liftoff exon    46515875        46519761        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff exon    46519800        46519995        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff exon    46520036        46520111        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff exon    46520152        46520291        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff exon    46522115        46523082        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff exon    46523372        46523550        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff exon    46530488        46530684        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff exon    46532544        46532739        .       +
        .       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46519585        46519761        .       +
        0       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46519800        46519995        .       +
        0       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46520036        46520111        .       +
        2       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46520152        46520291        .       +
        1       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46522115        46523082        .       +
        2       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46523372        46523550        .       +
        0       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46530488        46530684        .       +
        1       Parent=Smp_342710.1
SM_V9_1 Liftoff CDS     46532544        46532677        .       +
        2       Parent=Smp_342710.1
SM_V9_1 Liftoff gene    46532743        46545481        .       -
        .       ID=Smp_019260;geneID=Smp_019260
SM_V9_1 Liftoff mRNA    46532743        46545481        .       -
        .
ID=Smp_019260.1;Parent=Smp_019260;geneID=Smp_019260;product=M-phase
phosphoprotein 8;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF12796;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    46532743        46533110        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46533725        46533940        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46537153        46537423        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46537966        46538132        .       -
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        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46538228        46538314        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46541147        46541244        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46543468        46543596        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46543630        46543669        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46545183        46545244        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff exon    46545279        46545481        .       -
        .       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46532967        46533110        .       -
        0       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46533725        46533940        .       -
        0       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46537153        46537423        .       -
        1       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46537966        46538132        .       -
        0       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46538228        46538314        .       -
        0       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46541147        46541244        .       -
        2       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46543468        46543596        .       -
        2       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46543630        46543669        .       -
        0       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46545183        46545244        .       -
        2       Parent=Smp_019260.1
SM_V9_1 Liftoff CDS     46545279        46545297        .       -
        0       Parent=Smp_019260.1
SM_V9_1 iris    gene    46553135        46591034        .       +
        .
ID=Smp_019280;geneID=Smp_019280;gene_name=Smp_019280;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46553135        46591034        .       +
        .
ID=Smp_019280.1;Parent=Smp_019280;geneID=Smp_019280;gene_name=Smp_01
9280;owner=irisadmin@local.host;orig_id=Smp_019280.1;date_last_modif
ied=2022-08-02;Name=Smp_019280.1;product=cAMP-dependent protein
kinase type II regulatory subunit;date_creation=2022-07-28
SM_V9_1 iris    exon    46553135        46553321        .       +
        .
Parent=Smp_019280.1;Name=a8efbf89-4337-4b1d-8697-0be1996b8215
SM_V9_1 iris    exon    46570706        46570741        .       +
        .       Parent=Smp_019280.1;Name=f57fabba-2a63-4f93-ac48-
e67a1550b9a0
SM_V9_1 iris    exon    46573517        46573647        .       +
        .       Parent=Smp_019280.1;Name=47476842-2e7e-47af-
b190-35f67f46ca04
SM_V9_1 iris    exon    46579007        46579113        .       +
        .       Parent=Smp_019280.1;Name=d8b88e87-cf04-462f-
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ba50-32af37cd63c3
SM_V9_1 iris    exon    46584162        46584546        .       +
        .       Parent=Smp_019280.1;Name=a5e0dc1e-2f42-4cf2-
bd4e-75a3c2ed94fe
SM_V9_1 iris    exon    46587356        46587407        .       +
        .       Parent=Smp_019280.1;Name=99b5cf31-8460-49bf-
b5ce-563ba0039b48
SM_V9_1 iris    exon    46588515        46588583        .       +
        .       Parent=Smp_019280.1;Name=4357157c-c96e-46c5-
bbe8-0413611fe05d
SM_V9_1 iris    exon    46589580        46591034        .       +
        .
Parent=Smp_019280.1;Name=aa94841f-262b-4fa5-9efc-8cd1961d9669
SM_V9_1 iris    CDS     46553183        46553321        .       +
        0       Parent=Smp_019280.1
SM_V9_1 iris    CDS     46570706        46570741        .       +
        2       Parent=Smp_019280.1
SM_V9_1 iris    CDS     46573517        46573647        .       +
        2       Parent=Smp_019280.1
SM_V9_1 iris    CDS     46579007        46579113        .       +
        0       Parent=Smp_019280.1
SM_V9_1 iris    CDS     46584162        46584546        .       +
        1       Parent=Smp_019280.1
SM_V9_1 iris    CDS     46587356        46587407        .       +
        0       Parent=Smp_019280.1
SM_V9_1 iris    CDS     46588515        46588583        .       +
        2       Parent=Smp_019280.1
SM_V9_1 iris    CDS     46589580        46589737        .       +
        2       Parent=Smp_019280.1
SM_V9_1 Liftoff gene    46619221        46620161        .       -
        .       ID=Smp_319250;geneID=Smp_319250
SM_V9_1 Liftoff mRNA    46619221        46620161        .       -
        .
ID=Smp_319250.1;Parent=Smp_319250;geneID=Smp_319250;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    46619221        46620161        .       -
        .       Parent=Smp_319250.1
SM_V9_1 Liftoff CDS     46619385        46619948        .       -
        0       Parent=Smp_319250.1
SM_V9_1 iris    gene    46659089        46698086        .       +
        .
ID=Smp_132730;geneID=Smp_132730;gene_name=Smp_132730;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46659089        46698086        .       +
        .
ID=Smp_132730.1;Parent=Smp_132730;geneID=Smp_132730;gene_name=Smp_13
2730;owner=irisadmin@local.host;orig_id=Smp_132730.1;date_last_modif
ied=2022-08-02;Name=Smp_132730.1;product=Probable G-protein coupled
receptor B0563.6;date_creation=2022-07-28
SM_V9_1 iris    exon    46659089        46659367        .       +
        .       Parent=Smp_132730.1;Name=8e7a8c2a-fb23-4f7c-8617-
bac4b007e9cd
SM_V9_1 iris    exon    46679329        46679690        .       +
        .       Parent=Smp_132730.1;Name=2df82749-
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b2d2-45d3-93cd-467c15d4a0f3
SM_V9_1 iris    exon    46695998        46698086        .       +
        .       Parent=Smp_132730.1;Name=74ccdd3a-dc2d-4d66-99c2-
ef0c04e1e690
SM_V9_1 iris    CDS     46679410        46679690        .       +
        0       Parent=Smp_132730.1
SM_V9_1 iris    CDS     46695998        46697153        .       +
        1       Parent=Smp_132730.1
SM_V9_1 iris    gene    46746380        46747412        .       -
        .
ID=Smp_319260;geneID=Smp_319260;gene_name=Smp_319260;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-11-03
SM_V9_1 iris    mRNA    46746380        46747412        .       -
        .
ID=Smp_319260.1;Parent=Smp_319260;geneID=Smp_319260;gene_name=Smp_31
9260;owner=irisadmin@local.host;orig_id=Smp_319260.1;date_last_modif
ied=2022-11-03;Name=Smp_319260.1;product=Dynein 8 kDa light chain,
flagellar outer arm;date_creation=2022-11-03
SM_V9_1 iris    exon    46746380        46746500        .       -
        .       Parent=Smp_319260.1;Name=e08b05f9-436e-48a2-8d3f-
d0747e69cc35
SM_V9_1 iris    exon    46747191        46747412        .       -
        .       Parent=Smp_319260.1;Name=aeac03c0-5597-4227-9727-
bb22501efc5e
SM_V9_1 iris    CDS     46746422        46746500        .       -
        1       Parent=Smp_319260.1
SM_V9_1 iris    CDS     46747191        46747387        .       -
        0       Parent=Smp_319260.1
SM_V9_1 Liftoff gene    46750609        46753181        .       +
        .       ID=Smp_319270;geneID=Smp_319270
SM_V9_1 Liftoff mRNA    46750609        46753181        .       +
        .
ID=Smp_319270.1;Parent=Smp_319270;geneID=Smp_319270;product=Dynein
light chain 2, cytoplasmic;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    46750609        46751212        .       +
        .       Parent=Smp_319270.1
SM_V9_1 Liftoff exon    46753082        46753181        .       +
        .       Parent=Smp_319270.1
SM_V9_1 Liftoff CDS     46751000        46751212        .       +
        0       Parent=Smp_319270.1
SM_V9_1 Liftoff CDS     46753082        46753126        .       +
        0       Parent=Smp_319270.1
SM_V9_1 Liftoff mRNA    46750609        46753181        .       +
        .
ID=Smp_319270.2;Parent=Smp_319270;geneID=Smp_319270;product=Dynein
light chain 2, cytoplasmic;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    46750609        46751208        .       +
        .       Parent=Smp_319270.2
SM_V9_1 Liftoff exon    46753082        46753181        .       +
        .       Parent=Smp_319270.2
SM_V9_1 Liftoff CDS     46751000        46751208        .       +
        0       Parent=Smp_319270.2
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SM_V9_1 Liftoff CDS     46753082        46753160        .       +
        1       Parent=Smp_319270.2
SM_V9_1 Liftoff gene    46767559        46770299        .       +
        .       ID=Smp_019310;geneID=Smp_019310
SM_V9_1 Liftoff mRNA    46767559        46770299        .       +
        .
ID=Smp_019310.1;Parent=Smp_019310;geneID=Smp_019310;product=Probable
dynein light chain;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    46767559        46767911        .       +
        .       Parent=Smp_019310.1
SM_V9_1 Liftoff exon    46770066        46770299        .       +
        .       Parent=Smp_019310.1
SM_V9_1 Liftoff CDS     46767679        46767911        .       +
        0       Parent=Smp_019310.1
SM_V9_1 Liftoff CDS     46770066        46770144        .       +
        1       Parent=Smp_019310.1
SM_V9_1 Liftoff gene    46783409        46806675        .       +
        .       ID=Smp_132740;geneID=Smp_132740
SM_V9_1 Liftoff mRNA    46783409        46806675        .       +
        .
ID=Smp_132740.1;Parent=Smp_132740;geneID=Smp_132740;product=Fatty
acid desaturase
2;polypeptide_domain=InterPro:IPR001199,IPR005804,IPR012171
Pfam:PF00173,PF00487;Ontology_term=GO:0006629,GO:0016021,GO:0016491
SM_V9_1 Liftoff exon    46783409        46783608        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46783646        46783813        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46785258        46785404        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46790581        46790742        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46791147        46791282        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46796467        46796543        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46797959        46798056        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46801797        46801973        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46803485        46803610        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff exon    46805818        46806675        .       +
        .       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46783447        46783608        .       +
        0       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46783646        46783813        .       +
        0       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46785258        46785404        .       +
        0       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46790581        46790742        .       +
        0       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46791147        46791282        .       +
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        0       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46796467        46796543        .       +
        2       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46797959        46798056        .       +
        0       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46801797        46801973        .       +
        1       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46803485        46803610        .       +
        1       Parent=Smp_132740.1
SM_V9_1 Liftoff CDS     46805818        46805899        .       +
        1       Parent=Smp_132740.1
SM_V9_1 Liftoff gene    46814465        46825785        .       -
        .       ID=Smp_019340;geneID=Smp_019340
SM_V9_1 Liftoff mRNA    46814465        46825785        .       -
        .
ID=Smp_019340.1;Parent=Smp_019340;geneID=Smp_019340;product=Tetraspa
nin-3;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    46814465        46814787        .       -
        .       Parent=Smp_019340.1
SM_V9_1 Liftoff exon    46819780        46819995        .       -
        .       Parent=Smp_019340.1
SM_V9_1 Liftoff exon    46820033        46820128        .       -
        .       Parent=Smp_019340.1
SM_V9_1 Liftoff exon    46820165        46820431        .       -
        .       Parent=Smp_019340.1
SM_V9_1 Liftoff exon    46820470        46825785        .       -
        .       Parent=Smp_019340.1
SM_V9_1 Liftoff CDS     46814701        46814787        .       -
        0       Parent=Smp_019340.1
SM_V9_1 Liftoff CDS     46819780        46819995        .       -
        0       Parent=Smp_019340.1
SM_V9_1 Liftoff CDS     46820033        46820128        .       -
        0       Parent=Smp_019340.1
SM_V9_1 Liftoff CDS     46820165        46820431        .       -
        0       Parent=Smp_019340.1
SM_V9_1 Liftoff CDS     46820470        46820529        .       -
        0       Parent=Smp_019340.1
SM_V9_1 iris    gene    46844551        46850945        .       -
        .
ID=Smp_019350;geneID=Smp_019350;gene_name=Smp_019350;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46844551        46850945        .       -
        .
ID=Smp_019350.1;Parent=Smp_019350;geneID=Smp_019350;gene_name=Smp_01
9350;owner=irisadmin@local.host;orig_id=Smp_019350.1;date_last_modif
ied=2022-08-02;Name=Smp_019350.1;product=Ly-6/neurotoxin-like
protein 1;date_creation=2022-07-28
SM_V9_1 iris    exon    46844551        46845045        .       -
        .       Parent=Smp_019350.1;Name=3d29cf17-1a48-49e4-95a4-
b379f5e80c9d
SM_V9_1 iris    exon    46847547        46847638        .       -
        .
Parent=Smp_019350.1;Name=661ade1e-46b4-4c28-9161-74c6f4e442cb
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SM_V9_1 iris    exon    46850783        46850945        .       -
        .       Parent=Smp_019350.1;Name=e583c2b2-0fc2-4aa7-9334-
cd1929c7f813
SM_V9_1 iris    CDS     46844830        46845045        .       -
        0       Parent=Smp_019350.1
SM_V9_1 iris    CDS     46847547        46847638        .       -
        2       Parent=Smp_019350.1
SM_V9_1 iris    CDS     46850783        46850855        .       -
        0       Parent=Smp_019350.1
SM_V9_1 Liftoff gene    46863346        46894525        .       -
        .       ID=Smp_132750;geneID=Smp_132750
SM_V9_1 Liftoff mRNA    46863346        46894525        .       -
        .
ID=Smp_132750.1;Parent=Smp_132750;geneID=Smp_132750;product=Guanine
nucleotide-binding protein G(q) subunit
alpha;polypeptide_domain=InterPro:IPR000654,IPR001019,IPR011025,IPR0
27417
Pfam:PF00503;Ontology_term=GO:0001664,GO:0003924,GO:0004871,GO:00055
25,GO:0007165,GO:0007186,GO:0019001,GO:0031683
SM_V9_1 Liftoff exon    46863346        46863589        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff exon    46864744        46864851        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff exon    46865852        46866005        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff exon    46883427        46883556        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff exon    46884669        46884797        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff exon    46887043        46887197        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff exon    46892886        46893070        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff exon    46894366        46894525        .       -
        .       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46863507        46863589        .       -
        2       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46864744        46864851        .       -
        2       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46865852        46866005        .       -
        0       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46883427        46883556        .       -
        1       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46884669        46884797        .       -
        1       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46887043        46887197        .       -
        0       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46892886        46893070        .       -
        2       Parent=Smp_132750.1
SM_V9_1 Liftoff CDS     46894366        46894483        .       -
        0       Parent=Smp_132750.1
SM_V9_1 iris    gene    46904104        46912895        .       -
        .
ID=Smp_019380;geneID=Smp_019380;gene_name=Smp_019380;owner=irisadmin
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@local.host;date_last_modified=2022-11-09;date_creation=2022-11-09
SM_V9_1 iris    mRNA    46904104        46912895        .       -
        .
ID=Smp_019380.1;Parent=Smp_019380;geneID=Smp_019380;gene_name=Smp_01
9380;owner=irisadmin@local.host;orig_id=Smp_019380.1;date_last_modif
ied=2022-11-09;Name=Smp_019380.1;product=Translation initiation
factor eIF-2B subunit epsilon;date_creation=2022-11-09
SM_V9_1 iris    exon    46904104        46904831        .       -
        .       Parent=Smp_019380.1;Name=5293d29a-
c411-41da-8d8f-21d1ef600e9d
SM_V9_1 iris    exon    46904833        46905170        .       -
        .       Parent=Smp_019380.1;Name=ec523464-e6c5-4248-8e58-
e6275fb68681
SM_V9_1 iris    exon    46907206        46907889        .       -
        .       Parent=Smp_019380.1;Name=4591a108-47c9-4f67-
bc1e-2c6ff2f6079e
SM_V9_1 iris    exon    46909575        46910338        .       -
        .       Parent=Smp_019380.1;Name=6526bbb7-19f0-4c0b-af67-
f1f4690c4319
SM_V9_1 iris    exon    46912801        46912895        .       -
        .
Parent=Smp_019380.1;Name=f24cdade-5874-4328-9a9d-12086642b753
SM_V9_1 iris    CDS     46904312        46904831        .       -
        1       Parent=Smp_019380.1
SM_V9_1 iris    CDS     46904833        46905170        .       -
        0       Parent=Smp_019380.1
SM_V9_1 iris    CDS     46907206        46907889        .       -
        0       Parent=Smp_019380.1
SM_V9_1 iris    CDS     46909575        46910330        .       -
        0       Parent=Smp_019380.1
SM_V9_1 iris    gene    46925269        46959459        .       +
        .
ID=Smp_301670;geneID=Smp_301670;gene_name=Smp_301670;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    46925269        46959459        .       +
        .
ID=Smp_301670.1;Parent=Smp_301670;geneID=Smp_301670;gene_name=Smp_30
1670;owner=irisadmin@local.host;orig_id=Smp_301670.1;date_last_modif
ied=2022-08-02;Name=Smp_301670.1;product=E3 ubiquitin-protein ligase
RNF19B;date_creation=2022-07-28
SM_V9_1 iris    exon    46925269        46925399        .       +
        .       Parent=Smp_301670.1;Name=678b901d-0a9b-4056-8124-
a3584b9416fd
SM_V9_1 iris    exon    46932272        46932659        .       +
        .       Parent=Smp_301670.1;Name=523115ff-d159-4576-
b234-49fd026e3c68
SM_V9_1 iris    exon    46935709        46936176        .       +
        .
Parent=Smp_301670.1;Name=5f550e01-50df-470a-8db4-096c615d4ff8
SM_V9_1 iris    exon    46936353        46936423        .       +
        .       Parent=Smp_301670.1;Name=2f5d1d4c-372f-4b66-9fc6-
ee71e17aaf0f
SM_V9_1 iris    exon    46936426        46936440        .       +
        .       Parent=Smp_301670.1;Name=fe4abe02-148a-44c2-9f1b-
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a65a1b9b54f5
SM_V9_1 iris    exon    46943114        46943258        .       +
        .       Parent=Smp_301670.1;Name=6a2f8299-d47b-4433-84d1-
b3f22f8ebc26
SM_V9_1 iris    exon    46946243        46946405        .       +
        .       Parent=Smp_301670.1;Name=567fbe9b-
b179-4eef-9417-871136150dbc
SM_V9_1 iris    exon    46950214        46950310        .       +
        .
Parent=Smp_301670.1;Name=26e533ae-2f9f-4ee5-81ab-7674dce3a0a7
SM_V9_1 iris    exon    46958936        46959459        .       +
        .       Parent=Smp_301670.1;Name=68481d0d-3e61-4db1-86e8-
b6bdc964fc43
SM_V9_1 iris    CDS     46925330        46925399        .       +
        0       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46932272        46932659        .       +
        2       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46935709        46936176        .       +
        1       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46936353        46936423        .       +
        1       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46936426        46936440        .       +
        2       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46943114        46943258        .       +
        2       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46946243        46946405        .       +
        1       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46950214        46950310        .       +
        0       Parent=Smp_301670.1
SM_V9_1 iris    CDS     46958936        46959204        .       +
        2       Parent=Smp_301670.1
SM_V9_1 Liftoff gene    46962938        46963325        .       -
        .
ID=Smp_331670;geneID=Smp_331670;previous_systematic_id=Smp_019420
SM_V9_1 Liftoff mRNA    46962938        46963325        .       -
        .
ID=Smp_331670.1;Parent=Smp_331670;geneID=Smp_331670;product=Putative
SERF-like protein;polypeptide_domain=InterPro:IPR007513 Pfam:PF04419
SM_V9_1 Liftoff exon    46962938        46963063        .       -
        .       Parent=Smp_331670.1
SM_V9_1 Liftoff exon    46963099        46963222        .       -
        .       Parent=Smp_331670.1
SM_V9_1 Liftoff exon    46963263        46963325        .       -
        .       Parent=Smp_331670.1
SM_V9_1 Liftoff CDS     46963000        46963063        .       -
        1       Parent=Smp_331670.1
SM_V9_1 Liftoff CDS     46963099        46963222        .       -
        2       Parent=Smp_331670.1
SM_V9_1 Liftoff CDS     46963263        46963269        .       -
        0       Parent=Smp_331670.1
SM_V9_1 Liftoff gene    46989469        46993903        .       +
        .       ID=Smp_019430;geneID=Smp_019430
SM_V9_1 Liftoff mRNA    46989469        46993903        .       +
        .
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ID=Smp_019430.1;Parent=Smp_019430;geneID=Smp_019430;product=Zinc
finger matrin-type protein
4;polypeptide_domain=InterPro:IPR003604,IPR013087
Pfam:PF12874;Ontology_term=GO:0003676,GO:0008270
SM_V9_1 Liftoff exon    46989469        46993903        .       +
        .       Parent=Smp_019430.1
SM_V9_1 Liftoff CDS     46991895        46992773        .       +
        0       Parent=Smp_019430.1
SM_V9_1 Liftoff gene    47012839        47013523        .       +
        .       ID=Smp_019440;geneID=Smp_019440
SM_V9_1 Liftoff mRNA    47012839        47013523        .       +
        .
ID=Smp_019440.1;Parent=Smp_019440;geneID=Smp_019440;product=Protein
translation factor SUI1
homolog;polypeptide_domain=InterPro:IPR001950,IPR005874
Pfam:PF01253;Ontology_term=GO:0003743,GO:0006413
SM_V9_1 Liftoff exon    47012839        47012909        .       +
        .       Parent=Smp_019440.1
SM_V9_1 Liftoff exon    47012948        47013523        .       +
        .       Parent=Smp_019440.1
SM_V9_1 Liftoff CDS     47012882        47012909        .       +
        0       Parent=Smp_019440.1
SM_V9_1 Liftoff CDS     47012948        47013243        .       +
        2       Parent=Smp_019440.1
SM_V9_1 Liftoff gene    47025399        47034334        .       +
        .
ID=Smp_332460;geneID=Smp_332460;previous_systematic_id=Smp_132780
SM_V9_1 Liftoff mRNA    47025399        47034334        .       +
        .
ID=Smp_332460.1;Parent=Smp_332460;geneID=Smp_332460;product=Transcri
ption factor
HES-2;polypeptide_domain=InterPro:IPR011598;Ontology_term=GO:0046983
SM_V9_1 Liftoff exon    47025399        47025976        .       +
        .       Parent=Smp_332460.1
SM_V9_1 Liftoff exon    47026573        47026668        .       +
        .       Parent=Smp_332460.1
SM_V9_1 Liftoff exon    47030572        47030665        .       +
        .       Parent=Smp_332460.1
SM_V9_1 Liftoff exon    47033439        47034334        .       +
        .       Parent=Smp_332460.1
SM_V9_1 Liftoff CDS     47025839        47025976        .       +
        0       Parent=Smp_332460.1
SM_V9_1 Liftoff CDS     47026573        47026668        .       +
        0       Parent=Smp_332460.1
SM_V9_1 Liftoff CDS     47030572        47030665        .       +
        0       Parent=Smp_332460.1
SM_V9_1 Liftoff CDS     47033439        47034112        .       +
        2       Parent=Smp_332460.1
SM_V9_1 Liftoff gene    47056419        47062178        .       +
        .       ID=Smp_132790;geneID=Smp_132790
SM_V9_1 Liftoff mRNA    47056419        47062178        .       +
        .
ID=Smp_132790.1;Parent=Smp_132790;geneID=Smp_132790;product=Hypothet
ical
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protein;polypeptide_domain=InterPro:IPR011598;Ontology_term=GO:00469
83
SM_V9_1 Liftoff exon    47056419        47056605        .       +
        .       Parent=Smp_132790.1
SM_V9_1 Liftoff exon    47058814        47058909        .       +
        .       Parent=Smp_132790.1
SM_V9_1 Liftoff exon    47060592        47060685        .       +
        .       Parent=Smp_132790.1
SM_V9_1 Liftoff exon    47061593        47062178        .       +
        .       Parent=Smp_132790.1
SM_V9_1 Liftoff CDS     47056447        47056605        .       +
        0       Parent=Smp_132790.1
SM_V9_1 Liftoff CDS     47058814        47058909        .       +
        0       Parent=Smp_132790.1
SM_V9_1 Liftoff CDS     47060592        47060685        .       +
        0       Parent=Smp_132790.1
SM_V9_1 Liftoff CDS     47061593        47062149        .       +
        2       Parent=Smp_132790.1
SM_V9_1 iris    gene    47104259        47108455        .       -
        .
ID=Smp_019460;geneID=Smp_019460;gene_name=Smp_019460;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
SM_V9_1 iris    mRNA    47104259        47108455        .       -
        .
ID=Smp_019460.1;Parent=Smp_019460;geneID=Smp_019460;gene_name=Smp_01
9460;owner=irisadmin@local.host;orig_id=Smp_019460.1;date_last_modif
ied=2022-08-25;Name=Smp_019460.1;product=Hypothetical
protein;date_creation=2022-08-25
SM_V9_1 iris    exon    47104259        47105547        .       -
        .       Parent=Smp_019460.1;Name=5b163817-9aaa-4f46-b318-
afd760990df8
SM_V9_1 iris    exon    47106728        47106821        .       -
        .       Parent=Smp_019460.1;Name=f50eb4ca-f6ca-4728-b5ed-
d1f017c797bf
SM_V9_1 iris    exon    47107588        47107683        .       -
        .
Parent=Smp_019460.1;Name=f66c8e6e-3cbd-4dab-918d-1b7f03270c87
SM_V9_1 iris    exon    47108225        47108455        .       -
        .       Parent=Smp_019460.1;Name=0e9774c0-2a42-4fbc-91a9-
a55fe09f86d6
SM_V9_1 iris    CDS     47104442        47105547        .       -
        2       Parent=Smp_019460.1
SM_V9_1 iris    CDS     47106728        47106821        .       -
        0       Parent=Smp_019460.1
SM_V9_1 iris    CDS     47107588        47107683        .       -
        0       Parent=Smp_019460.1
SM_V9_1 iris    CDS     47108225        47108419        .       -
        0       Parent=Smp_019460.1
SM_V9_1 Liftoff gene    47136839        47140823        .       +
        .       ID=Smp_132800;geneID=Smp_132800
SM_V9_1 Liftoff mRNA    47136839        47140823        .       +
        .
ID=Smp_132800.1;Parent=Smp_132800;geneID=Smp_132800;product=Hypothet
ical
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protein;polypeptide_domain=InterPro:IPR011598;Ontology_term=GO:00469
83
SM_V9_1 Liftoff exon    47136839        47137136        .       +
        .       Parent=Smp_132800.1
SM_V9_1 Liftoff exon    47137610        47137705        .       +
        .       Parent=Smp_132800.1
SM_V9_1 Liftoff exon    47138866        47138959        .       +
        .       Parent=Smp_132800.1
SM_V9_1 Liftoff exon    47139479        47140823        .       +
        .       Parent=Smp_132800.1
SM_V9_1 Liftoff CDS     47136942        47137136        .       +
        0       Parent=Smp_132800.1
SM_V9_1 Liftoff CDS     47137610        47137705        .       +
        0       Parent=Smp_132800.1
SM_V9_1 Liftoff CDS     47138866        47138959        .       +
        0       Parent=Smp_132800.1
SM_V9_1 Liftoff CDS     47139479        47140590        .       +
        2       Parent=Smp_132800.1
SM_V9_1 Liftoff gene    47185519        47190263        .       +
        .       ID=Smp_132810;geneID=Smp_132810
SM_V9_1 Liftoff mRNA    47185519        47190263        .       +
        .
ID=Smp_132810.1;Parent=Smp_132810;geneID=Smp_132810;product=Transcri
ption factor
HES-2;polypeptide_domain=InterPro:IPR011598;Ontology_term=GO:0046983
SM_V9_1 Liftoff exon    47185519        47185759        .       +
        .       Parent=Smp_132810.1
SM_V9_1 Liftoff exon    47186770        47186865        .       +
        .       Parent=Smp_132810.1
SM_V9_1 Liftoff exon    47188238        47188331        .       +
        .       Parent=Smp_132810.1
SM_V9_1 Liftoff exon    47188972        47190263        .       +
        .       Parent=Smp_132810.1
SM_V9_1 Liftoff CDS     47185577        47185759        .       +
        0       Parent=Smp_132810.1
SM_V9_1 Liftoff CDS     47186770        47186865        .       +
        0       Parent=Smp_132810.1
SM_V9_1 Liftoff CDS     47188238        47188331        .       +
        0       Parent=Smp_132810.1
SM_V9_1 Liftoff CDS     47188972        47189981        .       +
        2       Parent=Smp_132810.1
SM_V9_1 iris    gene    47242068        47244816        .       -
        .
ID=Smp_019490;geneID=Smp_019490;gene_name=Smp_019490;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47242068        47244816        .       -
        .
ID=Smp_019490.1;Parent=Smp_019490;geneID=Smp_019490;gene_name=Smp_01
9490;owner=irisadmin@local.host;orig_id=Smp_019490.1;date_last_modif
ied=2022-08-02;Name=Smp_019490.1;product=Protein
RER1;date_creation=2022-07-28
SM_V9_1 iris    exon    47242068        47242518        .       -
        .       Parent=Smp_019490.1;Name=1d138837-6c88-4476-
a9a2-983b9e275aee
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SM_V9_1 iris    exon    47244133        47244268        .       -
        .       Parent=Smp_019490.1;Name=e5128997-1a85-4e67-
a3ab-632d10259a62
SM_V9_1 iris    exon    47244304        47244376        .       -
        .       Parent=Smp_019490.1;Name=0cec60d3-7299-4e41-97f9-
a8d19ed6c607
SM_V9_1 iris    exon    47244416        47244509        .       -
        .       Parent=Smp_019490.1;Name=45fe9157-612c-4cb3-
a94b-1dfc00d1bd79
SM_V9_1 iris    exon    47244548        47244652        .       -
        .
Parent=Smp_019490.1;Name=dc846f30-904c-4b19-987c-389ebb3afa32
SM_V9_1 iris    exon    47244690        47244816        .       -
        .       Parent=Smp_019490.1;Name=1bcf771d-744d-4de2-
abf9-095fab83924c
SM_V9_1 iris    CDS     47242444        47242518        .       -
        0       Parent=Smp_019490.1
SM_V9_1 iris    CDS     47244133        47244268        .       -
        1       Parent=Smp_019490.1
SM_V9_1 iris    CDS     47244304        47244376        .       -
        2       Parent=Smp_019490.1
SM_V9_1 iris    CDS     47244416        47244509        .       -
        0       Parent=Smp_019490.1
SM_V9_1 iris    CDS     47244548        47244652        .       -
        0       Parent=Smp_019490.1
SM_V9_1 iris    CDS     47244690        47244758        .       -
        0       Parent=Smp_019490.1
SM_V9_1 iris    gene    47299268        47303570        .       +
        .
ID=Smp_132830;geneID=Smp_132830;gene_name=Smp_132830;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47299268        47303570        .       +
        .
ID=Smp_132830.1;Parent=Smp_132830;geneID=Smp_132830;gene_name=Smp_13
2830;owner=irisadmin@local.host;orig_id=Smp_132830.1;date_last_modif
ied=2022-08-02;Name=Smp_132830.1;product=Transcription factor
HES-2;date_creation=2022-07-28
SM_V9_1 iris    exon    47299268        47299593        .       +
        .
Parent=Smp_132830.1;Name=b2eacf0c-00e5-4e4b-96cd-51ba78f44374
SM_V9_1 iris    exon    47301526        47301621        .       +
        .
Parent=Smp_132830.1;Name=55b639a6-024b-4f27-9dd9-0455d86f50ac
SM_V9_1 iris    exon    47302215        47302308        .       +
        .
Parent=Smp_132830.1;Name=657a7715-593b-4a7e-9e99-09773182fca0
SM_V9_1 iris    exon    47302807        47303570        .       +
        .
Parent=Smp_132830.1;Name=164e02f0-5e43-494a-9076-864ac1fa328e
SM_V9_1 iris    CDS     47299378        47299593        .       +
        0       Parent=Smp_132830.1
SM_V9_1 iris    CDS     47301526        47301621        .       +
        0       Parent=Smp_132830.1
SM_V9_1 iris    CDS     47302215        47302308        .       +
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        0       Parent=Smp_132830.1
SM_V9_1 iris    CDS     47302807        47303321        .       +
        2       Parent=Smp_132830.1
SM_V9_1 iris    gene    47358543        47459272        .       +
        .
ID=Smp_332470;geneID=Smp_332470;gene_name=Smp_332470;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47358543        47459272        .       +
        .
ID=Smp_332470.1;Parent=Smp_332470;geneID=Smp_332470;gene_name=Smp_33
2470;owner=irisadmin@local.host;orig_id=Smp_332470.1;date_last_modif
ied=2022-08-02;Name=Smp_332470.1;product=E3 ubiquitin-protein ligase
TRIM9;date_creation=2022-07-28
SM_V9_1 iris    exon    47358543        47360098        .       +
        .       Parent=Smp_332470.1;Name=be4c8366-
d795-43a8-83f0-30e01e0ced6e
SM_V9_1 iris    exon    47407177        47407272        .       +
        .
Parent=Smp_332470.1;Name=2912b793-04a2-44cc-9603-2fd653984696
SM_V9_1 iris    exon    47411068        47411301        .       +
        .       Parent=Smp_332470.1;Name=db526e94-6c1a-4bd3-
a767-7fb6ec8cbb77
SM_V9_1 iris    exon    47413454        47413778        .       +
        .       Parent=Smp_332470.1;Name=c2e399ab-b13d-4705-
bba8-9f315ca4204e
SM_V9_1 iris    exon    47424680        47424730        .       +
        .       Parent=Smp_332470.1;Name=a1e242bd-
be9e-4981-936f-0c9af2fce049
SM_V9_1 iris    exon    47427551        47427690        .       +
        .
Parent=Smp_332470.1;Name=d49c0498-6fde-4027-9133-6cd4ee2b9a21
SM_V9_1 iris    exon    47437637        47437775        .       +
        .
Parent=Smp_332470.1;Name=375c84b2-9590-4303-8170-38959f548cbb
SM_V9_1 iris    exon    47444308        47444532        .       +
        .       Parent=Smp_332470.1;Name=fe63e72a-54c9-4f8b-815e-
c65b3e5706de
SM_V9_1 iris    exon    47455833        47456244        .       +
        .       Parent=Smp_332470.1;Name=1ab9b949-3c54-4659-a518-
c1c86e757027
SM_V9_1 iris    exon    47458477        47459272        .       +
        .
Parent=Smp_332470.1;Name=d1655583-800c-4950-84ab-9ce2dd56ee6b
SM_V9_1 iris    CDS     47358881        47360098        .       +
        0       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47407177        47407272        .       +
        0       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47411068        47411301        .       +
        0       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47413454        47413778        .       +
        0       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47424680        47424730        .       +
        2       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47427551        47427690        .       +
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        2       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47437637        47437775        .       +
        0       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47444308        47444532        .       +
        2       Parent=Smp_332470.1
SM_V9_1 iris    CDS     47455833        47456230        .       +
        2       Parent=Smp_332470.1
SM_V9_1 iris    gene    47400498        47401121        .       -
        .
ID=Smp_319290;geneID=Smp_319290;gene_name=Smp_319290;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    47400498        47401121        .       -
        .
ID=Smp_319290.1;Parent=Smp_319290;geneID=Smp_319290;gene_name=Smp_31
9290;owner=irisadmin@local.host;orig_id=Smp_319290.1;date_last_modif
ied=2022-08-16;Name=Smp_319290.1;product=Potassium channel toxin
alpha-KTx 23.3;date_creation=2022-08-16
SM_V9_1 iris    exon    47400498        47400731        .       -
        .
Parent=Smp_319290.1;Name=8ca308b8-06ba-4f2c-9f28-14f8c3b4d6fd
SM_V9_1 iris    exon    47400948        47400993        .       -
        .       Parent=Smp_319290.1;Name=241af615-6c86-47cf-aedf-
de4ea5cf03d1
SM_V9_1 iris    exon    47401050        47401121        .       -
        .
Parent=Smp_319290.1;Name=7261f068-0e47-49d7-8ba3-34f85eb8f69e
SM_V9_1 iris    CDS     47400550        47400731        .       -
        2       Parent=Smp_319290.1
SM_V9_1 iris    CDS     47400948        47400993        .       -
        0       Parent=Smp_319290.1
SM_V9_1 iris    CDS     47401050        47401064        .       -
        0       Parent=Smp_319290.1
SM_V9_1 iris    gene    47476858        47479080        .       +
        .
ID=Smp_097500;geneID=Smp_097500;gene_name=Smp_097500;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47476858        47479080        .       +
        .
ID=Smp_097500.1;Parent=Smp_097500;geneID=Smp_097500;gene_name=Smp_09
7500;owner=irisadmin@local.host;orig_id=Smp_097500.1;date_last_modif
ied=2022-08-02;Name=Smp_097500.1;product=F-box/LRR-repeat protein
5;date_creation=2022-07-28
SM_V9_1 iris    exon    47476858        47479080        .       +
        .
Parent=Smp_097500.1;Name=01e8693a-190e-4142-8400-1be84c37347d
SM_V9_1 iris    CDS     47476943        47478400        .       +
        0       Parent=Smp_097500.1
SM_V9_1 Liftoff gene    47501708        47502499        .       +
        .       ID=Smp_097490;geneID=Smp_097490
SM_V9_1 Liftoff mRNA    47501708        47502499        .       +
        .
ID=Smp_097490.1;Parent=Smp_097490;geneID=Smp_097490;product=Tubulin
polymerization-promoting protein family member
2;polypeptide_domain=InterPro:IPR008907,IPR011992 Pfam:PF05517
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SM_V9_1 Liftoff exon    47501708        47502499        .       +
        .       Parent=Smp_097490.1
SM_V9_1 Liftoff CDS     47501879        47502400        .       +
        0       Parent=Smp_097490.1
SM_V9_1 Liftoff gene    47536401        47553144        .       -
        .       ID=Smp_175710;geneID=Smp_175710
SM_V9_1 Liftoff mRNA    47536401        47553144        .       -
        .
ID=Smp_175710.1;Parent=Smp_175710;geneID=Smp_175710;product=Homeobox
protein unc-4
homolog;polypeptide_domain=InterPro:IPR000047,IPR001356,IPR009057,IP
R017970 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    47536401        47537515        .       -
        .       Parent=Smp_175710.1
SM_V9_1 Liftoff exon    47538886        47538940        .       -
        .       Parent=Smp_175710.1
SM_V9_1 Liftoff exon    47540742        47541454        .       -
        .       Parent=Smp_175710.1
SM_V9_1 Liftoff exon    47548994        47549108        .       -
        .       Parent=Smp_175710.1
SM_V9_1 Liftoff exon    47552491        47553144        .       -
        .       Parent=Smp_175710.1
SM_V9_1 Liftoff CDS     47536806        47537515        .       -
        2       Parent=Smp_175710.1
SM_V9_1 Liftoff CDS     47538886        47538940        .       -
        0       Parent=Smp_175710.1
SM_V9_1 Liftoff CDS     47540742        47541454        .       -
        2       Parent=Smp_175710.1
SM_V9_1 Liftoff CDS     47548994        47549108        .       -
        0       Parent=Smp_175710.1
SM_V9_1 Liftoff CDS     47552491        47552763        .       -
        0       Parent=Smp_175710.1
SM_V9_1 Liftoff gene    47562614        47589084        .       -
        .
ID=Smp_097460;geneID=Smp_097460;previous_systematic_id=Smp_097470
SM_V9_1 Liftoff mRNA    47562614        47589084        .       -
        .
ID=Smp_097460.1;Parent=Smp_097460;geneID=Smp_097460;product=Soluble
guanylate cyclase
88E;polypeptide_domain=InterPro:IPR001054,IPR011644,IPR011645,IPR024
096,IPR029787
Pfam:PF00211,PF07700,PF07701;Ontology_term=GO:0004383,GO:0006182,GO:
0009190,GO:0016849,GO:0020037,GO:0035556
SM_V9_1 Liftoff exon    47562614        47567953        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47569313        47569411        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47569880        47570705        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47572339        47572428        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47574041        47574355        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47576894        47577040        .       -
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        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47578172        47578318        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47582591        47582720        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47584766        47584868        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47585647        47585707        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff exon    47588259        47589084        .       -
        .       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47567868        47567953        .       -
        2       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47569313        47569411        .       -
        2       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47569880        47570705        .       -
        0       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47572339        47572428        .       -
        0       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47574041        47574355        .       -
        0       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47576894        47577040        .       -
        0       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47578172        47578318        .       -
        0       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47582591        47582720        .       -
        1       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47584766        47584868        .       -
        2       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47585647        47585707        .       -
        0       Parent=Smp_097460.1
SM_V9_1 Liftoff CDS     47588259        47589059        .       -
        0       Parent=Smp_097460.1
SM_V9_1 Liftoff gene    47597973        47619454        .       -
        .
ID=Smp_124470;geneID=Smp_124470;previous_systematic_id=Smp_211230
SM_V9_1 Liftoff mRNA    47597973        47619454        .       -
        .
ID=Smp_124470.1;Parent=Smp_124470;geneID=Smp_124470;product=Soluble
guanylate cyclase
88E;polypeptide_domain=InterPro:IPR001054,IPR007858,IPR011644,IPR011
645,IPR024096,IPR029787
Pfam:PF00211,PF05186,PF07700,PF07701;Ontology_term=GO:0004383,GO:000
6182,GO:0009190,GO:0016849,GO:0020037,GO:0035556
SM_V9_1 Liftoff exon    47597973        47598471        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47601359        47601454        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47602189        47602609        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47604285        47604374        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47605279        47605587        .       -
        .       Parent=Smp_124470.1
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SM_V9_1 Liftoff exon    47607965        47608111        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47609176        47609322        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47612033        47612162        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47613710        47613797        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47615856        47615916        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff exon    47617315        47619454        .       -
        .       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47598353        47598471        .       -
        2       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47601359        47601454        .       -
        2       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47602189        47602609        .       -
        0       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47604285        47604374        .       -
        0       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47605279        47605587        .       -
        0       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47607965        47608111        .       -
        0       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47609176        47609322        .       -
        0       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47612033        47612162        .       -
        1       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47613710        47613797        .       -
        2       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47615856        47615916        .       -
        0       Parent=Smp_124470.1
SM_V9_1 Liftoff CDS     47617315        47618112        .       -
        0       Parent=Smp_124470.1
SM_V9_1 iris    gene    47627873        47644281        .       -
        .
ID=Smp_213990;geneID=Smp_213990;gene_name=Smp_213990;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47627873        47644281        .       -
        .
ID=Smp_213990.1;Parent=Smp_213990;geneID=Smp_213990;gene_name=Smp_21
3990;owner=irisadmin@local.host;orig_id=Smp_213990.1;date_last_modif
ied=2022-08-02;Name=Smp_213990.1;product=Aminopeptidase
M1;date_creation=2022-07-28
SM_V9_1 iris    exon    47627873        47628494        .       -
        .       Parent=Smp_213990.1;Name=dd200407-e23c-4f65-9406-
a0f0f4f494b1
SM_V9_1 iris    exon    47629695        47629890        .       -
        .       Parent=Smp_213990.1;Name=e98510f7-2b19-42ac-9786-
db1e52506497
SM_V9_1 iris    exon    47634027        47634154        .       -
        .       Parent=Smp_213990.1;Name=70041ecf-0dcc-4207-a647-
fa1db4874f17
SM_V9_1 iris    exon    47639422        47639673        .       -
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        .       Parent=Smp_213990.1;Name=d74be071-aa12-4f03-be39-
bdb1b762ef9d
SM_V9_1 iris    exon    47640961        47641339        .       -
        .       Parent=Smp_213990.1;Name=87212a58-
e707-46fe-831a-659f6661fe6e
SM_V9_1 iris    exon    47644168        47644281        .       -
        .       Parent=Smp_213990.1;Name=cb8f3d3a-118e-4fd1-beec-
b8babd7832c3
SM_V9_1 iris    CDS     47627955        47628494        .       -
        0       Parent=Smp_213990.1
SM_V9_1 iris    CDS     47629695        47629890        .       -
        1       Parent=Smp_213990.1
SM_V9_1 iris    CDS     47634027        47634154        .       -
        0       Parent=Smp_213990.1
SM_V9_1 iris    CDS     47639422        47639673        .       -
        0       Parent=Smp_213990.1
SM_V9_1 iris    CDS     47640961        47641339        .       -
        1       Parent=Smp_213990.1
SM_V9_1 iris    CDS     47644168        47644175        .       -
        0       Parent=Smp_213990.1
SM_V9_1 iris    gene    47647113        47667078        .       -
        .
ID=Smp_213980;geneID=Smp_213980;gene_name=Smp_213980;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47647113        47667078        .       -
        .
ID=Smp_213980.1;Parent=Smp_213980;geneID=Smp_213980;gene_name=Smp_21
3980;owner=irisadmin@local.host;orig_id=Smp_213980.1;date_last_modif
ied=2022-08-02;Name=Smp_213980.1;product=RNA-binding protein
Nova-1;date_creation=2022-07-28
SM_V9_1 iris    exon    47647113        47648117        .       -
        .
Parent=Smp_213980.1;Name=ea6de038-2cc2-4b43-9464-1615157262b5
SM_V9_1 iris    exon    47649229        47649672        .       -
        .       Parent=Smp_213980.1;Name=de71e2f2-c2f7-4fc2-
aa86-6d288073b4b9
SM_V9_1 iris    exon    47649820        47650085        .       -
        .       Parent=Smp_213980.1;Name=81e708c8-5bdd-4e99-b86d-
d602846ce46f
SM_V9_1 iris    exon    47654132        47654476        .       -
        .       Parent=Smp_213980.1;Name=4505b2ab-6946-4c22-9409-
f0adcaf5dd00
SM_V9_1 iris    exon    47655289        47655442        .       -
        .       Parent=Smp_213980.1;Name=1195b0e6-ca6c-4c23-
bc25-18fc5be40a98
SM_V9_1 iris    exon    47655481        47655629        .       -
        .       Parent=Smp_213980.1;Name=2ab932e4-a96b-49f1-a0cb-
fab7af02f9be
SM_V9_1 iris    exon    47655664        47655798        .       -
        .       Parent=Smp_213980.1;Name=98928eba-acbe-44e6-9ac3-
d763118932b2
SM_V9_1 iris    exon    47667041        47667078        .       -
        .
Parent=Smp_213980.1;Name=60ecb39c-22cf-44b2-8d25-1f7d46d702f1
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SM_V9_1 iris    CDS     47647689        47648117        .       -
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SM_V9_1 iris    CDS     47649229        47649672        .       -
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SM_V9_1 iris    CDS     47649820        47650085        .       -
        2       Parent=Smp_213980.1
SM_V9_1 iris    CDS     47654132        47654476        .       -
        2       Parent=Smp_213980.1
SM_V9_1 iris    CDS     47655289        47655442        .       -
        0       Parent=Smp_213980.1
SM_V9_1 iris    CDS     47655481        47655629        .       -
        2       Parent=Smp_213980.1
SM_V9_1 iris    CDS     47655664        47655798        .       -
        2       Parent=Smp_213980.1
SM_V9_1 iris    CDS     47667041        47667047        .       -
        0       Parent=Smp_213980.1
SM_V9_1 Liftoff gene    47676063        47693279        .       +
        .       ID=Smp_175680;geneID=Smp_175680
SM_V9_1 Liftoff mRNA    47676063        47693279        .       +
        .
ID=Smp_175680.1;Parent=Smp_175680;geneID=Smp_175680;product=Survival
of motor neuron-related-splicing factor
30;polypeptide_domain=InterPro:IPR002999,IPR010304
Pfam:PF06003;Ontology_term=GO:0003723,GO:0005634,GO:0005737,GO:00063
97
SM_V9_1 Liftoff exon    47676063        47681764        .       +
        .       Parent=Smp_175680.1
SM_V9_1 Liftoff exon    47681801        47681863        .       +
        .       Parent=Smp_175680.1
SM_V9_1 Liftoff exon    47681915        47682184        .       +
        .       Parent=Smp_175680.1
SM_V9_1 Liftoff exon    47682225        47682274        .       +
        .       Parent=Smp_175680.1
SM_V9_1 Liftoff exon    47692998        47693279        .       +
        .       Parent=Smp_175680.1
SM_V9_1 Liftoff CDS     47681555        47681764        .       +
        0       Parent=Smp_175680.1
SM_V9_1 Liftoff CDS     47681801        47681863        .       +
        0       Parent=Smp_175680.1
SM_V9_1 Liftoff CDS     47681915        47682184        .       +
        0       Parent=Smp_175680.1
SM_V9_1 Liftoff CDS     47682225        47682274        .       +
        0       Parent=Smp_175680.1
SM_V9_1 Liftoff CDS     47692998        47693049        .       +
        1       Parent=Smp_175680.1
SM_V9_1 Liftoff mRNA    47676063        47693279        .       +
        .
ID=Smp_175680.2;Parent=Smp_175680;geneID=Smp_175680;product=Survival
motor neuron protein;polypeptide_domain=InterPro:IPR002999,IPR010304
Pfam:PF06003;Ontology_term=GO:0003723,GO:0005634,GO:0005737,GO:00063
97
SM_V9_1 Liftoff exon    47676063        47681764        .       +
        .       Parent=Smp_175680.2
SM_V9_1 Liftoff exon    47681801        47681863        .       +
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        .       Parent=Smp_175680.2
SM_V9_1 Liftoff exon    47681915        47682184        .       +
        .       Parent=Smp_175680.2
SM_V9_1 Liftoff exon    47682225        47682274        .       +
        .       Parent=Smp_175680.2
SM_V9_1 Liftoff exon    47683807        47684101        .       +
        .       Parent=Smp_175680.2
SM_V9_1 Liftoff exon    47692998        47693279        .       +
        .       Parent=Smp_175680.2
SM_V9_1 Liftoff CDS     47681555        47681764        .       +
        0       Parent=Smp_175680.2
SM_V9_1 Liftoff CDS     47681801        47681863        .       +
        0       Parent=Smp_175680.2
SM_V9_1 Liftoff CDS     47681915        47682184        .       +
        0       Parent=Smp_175680.2
SM_V9_1 Liftoff CDS     47682225        47682274        .       +
        0       Parent=Smp_175680.2
SM_V9_1 Liftoff CDS     47683807        47684101        .       +
        1       Parent=Smp_175680.2
SM_V9_1 Liftoff CDS     47692998        47693030        .       +
        0       Parent=Smp_175680.2
SM_V9_1 iris    gene    47700356        47702227        .       +
        .
ID=Smp_180170;geneID=Smp_180170;gene_name=Smp_180170;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_1 iris    mRNA    47700356        47702227        .       +
        .
ID=Smp_180170.1;Parent=Smp_180170;geneID=Smp_180170;gene_name=Smp_18
0170;owner=irisadmin@local.host;orig_id=Smp_180170.1;date_last_modif
ied=2022-11-12;Name=Smp_180170.1;product=Ubiquitin-conjugating
enzyme E2 S-B;date_creation=2022-11-12
SM_V9_1 iris    exon    47700356        47700521        .       +
        .       Parent=Smp_180170.1;Name=14a62903-93c7-4c92-bd15-
ecf9bdc49c41
SM_V9_1 iris    exon    47700556        47700768        .       +
        .       Parent=Smp_180170.1;Name=de4c9336-f2dc-4e78-a526-
dea5336a7c03
SM_V9_1 iris    exon    47700800        47700999        .       +
        .       Parent=Smp_180170.1;Name=ec2e4859-fa98-4a7f-8786-
a18a189e8059
SM_V9_1 iris    exon    47702050        47702227        .       +
        .       Parent=Smp_180170.1;Name=96f5edd2-4c03-487c-
a368-08dde25e1839
SM_V9_1 iris    CDS     47700402        47700521        .       +
        0       Parent=Smp_180170.1
SM_V9_1 iris    CDS     47700556        47700768        .       +
        0       Parent=Smp_180170.1
SM_V9_1 iris    CDS     47700800        47700999        .       +
        0       Parent=Smp_180170.1
SM_V9_1 iris    CDS     47702050        47702137        .       +
        1       Parent=Smp_180170.1
SM_V9_1 iris    gene    47707296        47753092        .       -
        .
ID=Smp_180160;geneID=Smp_180160;gene_name=Smp_180160;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47707296        47753092        .       -
        .
ID=Smp_180160.1;Parent=Smp_180160;geneID=Smp_180160;gene_name=Smp_18
0160;owner=irisadmin@local.host;orig_id=Smp_180160.1;date_last_modif
ied=2022-08-02;Name=Smp_180160.1;product=Rho GTPase-activating
protein 27;date_creation=2022-07-28
SM_V9_1 iris    exon    47707296        47708099        .       -
        .
Parent=Smp_180160.1;Name=6e7e6662-20cf-444f-9c3a-1508e0e7d40c
SM_V9_1 iris    exon    47709007        47709118        .       -
        .
Parent=Smp_180160.1;Name=8434f9dc-80e9-4590-8e33-12584703f449
SM_V9_1 iris    exon    47713946        47714074        .       -
        .       Parent=Smp_180160.1;Name=01a2cbe6-
ed3b-4b85-90cf-747d69560f25
SM_V9_1 iris    exon    47719412        47719489        .       -
        .
Parent=Smp_180160.1;Name=dc3f6e5e-98fa-436b-91d2-9fb9896951b2
SM_V9_1 iris    exon    47721166        47721267        .       -
        .       Parent=Smp_180160.1;Name=d8616404-ad63-4aab-a53e-
f0f2112a2144
SM_V9_1 iris    exon    47728189        47728299        .       -
        .       Parent=Smp_180160.1;Name=82ccb285-
f6c9-42e1-952e-5329532a323b
SM_V9_1 iris    exon    47733138        47733180        .       -
        .       Parent=Smp_180160.1;Name=b1429f0c-5a9b-45cc-
ab3c-6e38cdb8770c
SM_V9_1 iris    exon    47735640        47735744        .       -
        .       Parent=Smp_180160.1;Name=7a345897-735a-4145-
b9c3-05135d3f2a77
SM_V9_1 iris    exon    47737159        47737263        .       -
        .
Parent=Smp_180160.1;Name=82527475-0d9a-4fc8-998d-793581b46a41
SM_V9_1 iris    exon    47739450        47739590        .       -
        .       Parent=Smp_180160.1;Name=1a910e4b-250e-4a90-
b30f-54b5348950f9
SM_V9_1 iris    exon    47741192        47741359        .       -
        .       Parent=Smp_180160.1;Name=fd37a1dc-cf67-4b05-
a16e-0abb27967192
SM_V9_1 iris    exon    47742341        47742631        .       -
        .       Parent=Smp_180160.1;Name=25a68c1d-8420-4fb9-9b79-
b549337555e4
SM_V9_1 iris    exon    47743859        47743969        .       -
        .       Parent=Smp_180160.1;Name=668ffe39-024f-4ccb-
b988-2c0f14be44d9
SM_V9_1 iris    exon    47750460        47750545        .       -
        .
Parent=Smp_180160.1;Name=93e9bce8-838d-4f91-92e0-9533df82e0bc
SM_V9_1 iris    exon    47751688        47751814        .       -
        .
Parent=Smp_180160.1;Name=ee2c84f6-4352-4d79-8a2c-11949dd6654c
SM_V9_1 iris    exon    47752756        47753092        .       -
        .       Parent=Smp_180160.1;Name=123b1dcf-c3c7-4850-
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be5a-103be9530b1c
SM_V9_1 iris    CDS     47707901        47708099        .       -
        1       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47709007        47709118        .       -
        2       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47713946        47714074        .       -
        2       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47719412        47719489        .       -
        2       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47721166        47721267        .       -
        2       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47728189        47728299        .       -
        2       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47733138        47733180        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47735640        47735744        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47737159        47737263        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47739450        47739590        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47741192        47741359        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47742341        47742631        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47743859        47743969        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47750460        47750545        .       -
        2       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47751688        47751814        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    CDS     47752756        47752794        .       -
        0       Parent=Smp_180160.1
SM_V9_1 iris    gene    47780183        47860798        .       +
        .
ID=Smp_180150;geneID=Smp_180150;gene_name=Smp_180150;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    47780183        47860798        .       +
        .
ID=Smp_180150.1;Parent=Smp_180150;geneID=Smp_180150;gene_name=Smp_18
0150;owner=irisadmin@local.host;orig_id=Smp_180150.1;date_last_modif
ied=2022-08-02;Name=Smp_180150.1;product=Rho GTPase-activating
protein 21;date_creation=2022-07-28
SM_V9_1 iris    exon    47780183        47780622        .       +
        .
Parent=Smp_180150.1;Name=f1379870-278c-4f4e-89da-3b8e188c9ce5
SM_V9_1 iris    exon    47782087        47782246        .       +
        .       Parent=Smp_180150.1;Name=d12591e2-4f06-443a-b04a-
baaaae3148a7
SM_V9_1 iris    exon    47789587        47789690        .       +
        .       Parent=Smp_180150.1;Name=cfaf326a-1165-45c2-
bc52-7386f3b76f1d
SM_V9_1 iris    exon    47792399        47793634        .       +
        .       Parent=Smp_180150.1;Name=9f63685c-759f-4ca2-99ca-
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bd1dc359d6f0
SM_V9_1 iris    exon    47794104        47794236        .       +
        .       Parent=Smp_180150.1;Name=e9e685ae-1726-4dbb-
b75e-34e4b8e28536
SM_V9_1 iris    exon    47798775        47798895        .       +
        .       Parent=Smp_180150.1;Name=f3675f2e-ad0d-4187-b6d4-
da9be5ea215c
SM_V9_1 iris    exon    47800996        47801265        .       +
        .
Parent=Smp_180150.1;Name=ca241ec1-1a6b-4d58-84d6-5e10be094261
SM_V9_1 iris    exon    47806687        47806779        .       +
        .
Parent=Smp_180150.1;Name=9f4bac5c-901f-4e55-811e-3ce1ad7f7ca1
SM_V9_1 iris    exon    47808159        47808431        .       +
        .       Parent=Smp_180150.1;Name=6dc4c60e-7826-48ea-
bb69-7ae14d287ce3
SM_V9_1 iris    exon    47811518        47811794        .       +
        .       Parent=Smp_180150.1;Name=dd9ecab5-ffb7-43ca-8d41-
aaaac0f67182
SM_V9_1 iris    exon    47816679        47817143        .       +
        .
Parent=Smp_180150.1;Name=11c33874-4502-4dbe-9160-4fc0f1fe5858
SM_V9_1 iris    exon    47822733        47823022        .       +
        .
Parent=Smp_180150.1;Name=50563952-14c6-4f92-9d58-537ff3219fe5
SM_V9_1 iris    exon    47824058        47824183        .       +
        .       Parent=Smp_180150.1;Name=401d924d-a996-418d-9173-
bd8b1b5af641
SM_V9_1 iris    exon    47827138        47827246        .       +
        .       Parent=Smp_180150.1;Name=10026051-6594-458b-
bec4-613c9f4ea4ff
SM_V9_1 iris    exon    47829093        47829382        .       +
        .
Parent=Smp_180150.1;Name=d2cfd177-48a4-411d-92a3-55c463005640
SM_V9_1 iris    exon    47840097        47840295        .       +
        .       Parent=Smp_180150.1;Name=b57f269f-
efe2-484d-8e4a-0e0c13c15e12
SM_V9_1 iris    exon    47842011        47842365        .       +
        .       Parent=Smp_180150.1;Name=cc82fcef-
ac3b-4a95-87cd-2dc87637b04b
SM_V9_1 iris    exon    47851945        47851988        .       +
        .       Parent=Smp_180150.1;Name=e8d370a8-d072-4267-b126-
e1b15c96bfb6
SM_V9_1 iris    exon    47852430        47852750        .       +
        .
Parent=Smp_180150.1;Name=1722a25b-55a4-4863-8367-131bc4291656
SM_V9_1 iris    exon    47857417        47857746        .       +
        .       Parent=Smp_180150.1;Name=8b2bc578-5e70-443b-8b7d-
a17f2420b58f
SM_V9_1 iris    exon    47858770        47860798        .       +
        .       Parent=Smp_180150.1;Name=eae4623c-10e8-43ff-
aa50-761837718699
SM_V9_1 iris    CDS     47780562        47780622        .       +
        0       Parent=Smp_180150.1
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SM_V9_1 iris    CDS     47782087        47782246        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47789587        47789690        .       +
        1       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47792399        47793634        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47794104        47794236        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47798775        47798895        .       +
        1       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47800996        47801265        .       +
        0       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47806687        47806779        .       +
        0       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47808159        47808431        .       +
        0       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47811518        47811794        .       +
        0       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47816679        47817143        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47822733        47823022        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47824058        47824183        .       +
        0       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47827138        47827246        .       +
        0       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47829093        47829382        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47840097        47840295        .       +
        0       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47842011        47842365        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47851945        47851988        .       +
        1       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47852430        47852750        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    CDS     47857417        47857706        .       +
        2       Parent=Smp_180150.1
SM_V9_1 iris    gene    47929074        48000187        .       +
        .
ID=Smp_332480;geneID=Smp_332480;gene_name=Smp_332480;owner=irisadmin
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SM_V9_1 iris    mRNA    47929074        48000187        .       +
        .
ID=Smp_332480.1;Parent=Smp_332480;geneID=Smp_332480;gene_name=Smp_33
2480;owner=irisadmin@local.host;orig_id=Smp_332480.1;date_last_modif
ied=2022-08-02;Name=Smp_332480.1;product=Tumor necrosis factor
receptor superfamily member 16;date_creation=2022-07-28
SM_V9_1 iris    exon    47929074        47929525        .       +
        .       Parent=Smp_332480.1;Name=3af2176f-
e75e-40fb-8d31-55bb2d1b84bb
SM_V9_1 iris    exon    47973022        47973228        .       +
        .       Parent=Smp_332480.1;Name=715f7580-7e66-427f-9c88-
c088ed152483
```

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SM_V9_1 iris    exon    47973581        47973723        .       +
        .       Parent=Smp_332480.1;Name=ed252466-6573-47ff-b671-
e33878d8635b
SM_V9_1 iris    exon    47976191        47976396        .       +
        .       Parent=Smp_332480.1;Name=39eeb6d7-baf3-482b-86cd-
d116a0db95dc
SM_V9_1 iris    exon    47995178        47995618        .       +
        .       Parent=Smp_332480.1;Name=d0c41fdc-0514-4bab-
a04a-031d0102bcda
SM_V9_1 iris    exon    47996004        47996105        .       +
        .       Parent=Smp_332480.1;Name=c755b060-0896-4eeb-
b43b-7ee1be85f8ad
SM_V9_1 iris    exon    47997226        48000187        .       +
        .       Parent=Smp_332480.1;Name=829ff745-9d3a-46bb-8b4b-
adb9a1481ba5
SM_V9_1 iris    CDS     47929226        47929525        .       +
        0       Parent=Smp_332480.1
SM_V9_1 iris    CDS     47973022        47973228        .       +
        0       Parent=Smp_332480.1
SM_V9_1 iris    CDS     47973581        47973723        .       +
        0       Parent=Smp_332480.1
SM_V9_1 iris    CDS     47976191        47976396        .       +
        1       Parent=Smp_332480.1
SM_V9_1 iris    CDS     47995178        47995618        .       +
        2       Parent=Smp_332480.1
SM_V9_1 iris    CDS     47996004        47996105        .       +
        2       Parent=Smp_332480.1
SM_V9_1 iris    CDS     47997226        47997623        .       +
        2       Parent=Smp_332480.1
SM_V9_1 iris    mRNA    47985733        48000187        .       +
        .
ID=Smp_332480.2;Parent=Smp_332480;geneID=Smp_332480;gene_name=Smp_33
2480;owner=irisadmin@local.host;orig_id=Smp_332480.2;date_last_modif
ied=2022-08-02;Name=Smp_332480.2;product=Death domain-containing
membrane protein NRADD;date_creation=2022-07-28
SM_V9_1 iris    exon    47985733        47986080        .       +
        .       Parent=Smp_332480.2;Name=78d1a737-fc53-4a71-b1eb-
cd93754149b4
SM_V9_1 iris    exon    47995178        47995618        .       +
        .       Parent=Smp_332480.2;Name=ab79100b-
dc70-4d96-935f-84edd6e6170e
SM_V9_1 iris    exon    47996004        47996105        .       +
        .       Parent=Smp_332480.2;Name=7d4fc14c-5aa4-49b0-
b4d3-7bbd74c898f5
SM_V9_1 iris    exon    47997226        48000187        .       +
        .       Parent=Smp_332480.2;Name=eb88b9ab-81f8-47fa-
a96c-10a9d9bff498
SM_V9_1 iris    CDS     47985867        47986080        .       +
        0       Parent=Smp_332480.2
SM_V9_1 iris    CDS     47995178        47995618        .       +
        2       Parent=Smp_332480.2
SM_V9_1 iris    CDS     47996004        47996105        .       +
        2       Parent=Smp_332480.2
SM_V9_1 iris    CDS     47997226        47997623        .       +
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        2       Parent=Smp_332480.2
SM_V9_1 iris    gene    48004431        48009049        .       -
        .
ID=Smp_168080;geneID=Smp_168080;gene_name=Smp_168080;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48004431        48009049        .       -
        .
ID=Smp_168080.1;Parent=Smp_168080;geneID=Smp_168080;gene_name=Smp_16
8080;owner=irisadmin@local.host;orig_id=Smp_168080.1;date_last_modif
ied=2022-08-02;Name=Smp_168080.1;product=Zinc finger protein
511;date_creation=2022-07-28
SM_V9_1 iris    exon    48004431        48005099        .       -
        .       Parent=Smp_168080.1;Name=c40b5434-e2f5-4200-
b912-65f5643755f9
SM_V9_1 iris    exon    48005174        48005260        .       -
        .       Parent=Smp_168080.1;Name=8b0d0986-b200-4fe6-a09b-
de2405742b9b
SM_V9_1 iris    exon    48008960        48009049        .       -
        .
Parent=Smp_168080.1;Name=057ccdce-6b73-44cd-8dc7-907136a18cf5
SM_V9_1 iris    CDS     48004866        48005099        .       -
        0       Parent=Smp_168080.1
SM_V9_1 iris    CDS     48005174        48005260        .       -
        0       Parent=Smp_168080.1
SM_V9_1 iris    mRNA    48004431        48009049        .       -
        .
ID=Smp_168080.2;Parent=Smp_168080;geneID=Smp_168080;gene_name=Smp_16
8080;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_168080.2;product=Zinc finger protein 580;date_creation=2022-07-28
SM_V9_1 iris    exon    48004431        48005099        .       -
        .
Parent=Smp_168080.2;Name=c3e9bbfc-5844-4dda-8eb7-1fa82b963e78
SM_V9_1 iris    exon    48005174        48005260        .       -
        .       Parent=Smp_168080.2;Name=ecc73331-bb5d-4326-9ed7-
bdce9686e7e1
SM_V9_1 iris    exon    48007100        48007249        .       -
        .
Parent=Smp_168080.2;Name=47cfbc3f-11d3-4dd5-87f2-723e60c01530
SM_V9_1 iris    exon    48007288        48007465        .       -
        .       Parent=Smp_168080.2;Name=8f8816d2-2a31-4bf6-b9a0-
ea9ddf4403ee
SM_V9_1 iris    exon    48007503        48007606        .       -
        .       Parent=Smp_168080.2;Name=e079da34-3a4f-4171-823a-
d1516825f282
SM_V9_1 iris    exon    48008960        48009049        .       -
        .       Parent=Smp_168080.2;Name=4f9431a7-f5c4-4cd8-
a354-650fd07a7b93
SM_V9_1 iris    CDS     48004866        48005099        .       -
        0       Parent=Smp_168080.2
SM_V9_1 iris    CDS     48005174        48005260        .       -
        0       Parent=Smp_168080.2
SM_V9_1 iris    CDS     48007100        48007249        .       -
        0       Parent=Smp_168080.2
SM_V9_1 iris    CDS     48007288        48007465        .       -
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        1       Parent=Smp_168080.2
SM_V9_1 iris    CDS     48007503        48007603        .       -
        0       Parent=Smp_168080.2
SM_V9_1 Liftoff gene    48040663        48041829        .       -
        .       ID=Smp_178420;geneID=Smp_178420
SM_V9_1 Liftoff mRNA    48040663        48041829        .       -
        .
ID=Smp_178420.1;Parent=Smp_178420;geneID=Smp_178420;product=G-
protein coupled receptor
GRL101;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    48040663        48041829        .       -
        .       Parent=Smp_178420.1
SM_V9_1 Liftoff CDS     48040780        48041766        .       -
        0       Parent=Smp_178420.1
SM_V9_1 Liftoff gene    48045443        48047436        .       +
        .       ID=Smp_319310;geneID=Smp_319310
SM_V9_1 Liftoff mRNA    48045443        48047436        .       +
        .
ID=Smp_319310.1;Parent=Smp_319310;geneID=Smp_319310;product=ABC
transporter C family member 5
SM_V9_1 Liftoff exon    48045443        48045886        .       +
        .       Parent=Smp_319310.1
SM_V9_1 Liftoff exon    48046628        48047436        .       +
        .       Parent=Smp_319310.1
SM_V9_1 Liftoff CDS     48045545        48045886        .       +
        0       Parent=Smp_319310.1
SM_V9_1 Liftoff CDS     48046628        48046666        .       +
        0       Parent=Smp_319310.1
SM_V9_1 Liftoff mRNA    48045443        48047436        .       +
        .
ID=Smp_319310.2;Parent=Smp_319310;geneID=Smp_319310;product=Monocarb
oxylate transporter
3;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    48045443        48047436        .       +
        .       Parent=Smp_319310.2
SM_V9_1 Liftoff CDS     48045545        48046516        .       +
        0       Parent=Smp_319310.2
SM_V9_1 iris    gene    48053048        48054195        .       -
        .
ID=Smp_137300;geneID=Smp_137300;gene_name=Smp_137300;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48053048        48054195        .       -
        .
ID=Smp_137300.1;Parent=Smp_137300;geneID=Smp_137300;gene_name=Smp_13
7300;owner=irisadmin@local.host;orig_id=Smp_137300.1;date_last_modif
ied=2022-08-02;Name=Smp_137300.1;product=Probable G-protein coupled
receptor No18;date_creation=2022-07-28
SM_V9_1 iris    exon    48053048        48054195        .       -
        .       Parent=Smp_137300.1;Name=Smp_137300.1-CDS
SM_V9_1 iris    CDS     48053114        48054100        .       -
        0       Parent=Smp_137300.1
SM_V9_1 Liftoff gene    48063254        48064649        .       -
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        .       ID=Smp_137310;geneID=Smp_137310
SM_V9_1 Liftoff mRNA    48063254        48064649        .       -
        .
ID=Smp_137310.1;Parent=Smp_137310;geneID=Smp_137310;product=Alpha-2B
adrenergic receptor
(Fragment);polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    48063254        48064649        .       -
        .       Parent=Smp_137310.1
SM_V9_1 Liftoff CDS     48063624        48064607        .       -
        0       Parent=Smp_137310.1
SM_V9_1 Liftoff gene    48067359        48069689        .       -
        .       ID=Smp_027940;geneID=Smp_027940
SM_V9_1 Liftoff mRNA    48067359        48069689        .       -
        .
ID=Smp_027940.1;Parent=Smp_027940;geneID=Smp_027940;product=D(4)
dopamine receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    48067359        48069689        .       -
        .       Parent=Smp_027940.1
SM_V9_1 Liftoff CDS     48068526        48069500        .       -
        0       Parent=Smp_027940.1
SM_V9_1 Liftoff gene    48084320        48088959        .       -
        .       ID=Smp_137320;geneID=Smp_137320
SM_V9_1 Liftoff mRNA    48084320        48088959        .       -
        .
ID=Smp_137320.1;Parent=Smp_137320;geneID=Smp_137320;product=G-
protein coupled receptor
1;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    48084320        48088959        .       -
        .       Parent=Smp_137320.1
SM_V9_1 Liftoff CDS     48084680        48085654        .       -
        0       Parent=Smp_137320.1
SM_V9_1 Liftoff gene    48118851        48126659        .       -
        .       ID=Smp_137330;geneID=Smp_137330
SM_V9_1 Liftoff mRNA    48118851        48126659        .       -
        .
ID=Smp_137330.1;Parent=Smp_137330;geneID=Smp_137330;product=Serine
dehydratase-
like;polypeptide_domain=InterPro:IPR000504,IPR000634,IPR001926
Pfam:PF00076,PF00291;Ontology_term=GO:0003676,GO:0006520,GO:0030170
SM_V9_1 Liftoff exon    48118851        48120457        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff exon    48121152        48121395        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff exon    48121834        48122235        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff exon    48122925        48123427        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff exon    48125240        48125631        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff exon    48125662        48125849        .       -
        .       Parent=Smp_137330.1
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SM_V9_1 Liftoff exon    48125885        48126021        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff exon    48126053        48126203        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff exon    48126235        48126659        .       -
        .       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48119895        48120457        .       -
        2       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48121152        48121395        .       -
        0       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48121834        48122235        .       -
        0       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48122925        48123427        .       -
        2       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48125240        48125631        .       -
        1       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48125662        48125849        .       -
        0       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48125885        48126021        .       -
        2       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48126053        48126203        .       -
        0       Parent=Smp_137330.1
SM_V9_1 Liftoff CDS     48126235        48126567        .       -
        0       Parent=Smp_137330.1
SM_V9_1 iris    gene    48137196        48159459        .       +
        .
ID=Smp_027970;geneID=Smp_027970;gene_name=Smp_027970;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48137196        48159459        .       +
        .
ID=Smp_027970.1;Parent=Smp_027970;geneID=Smp_027970;gene_name=Smp_02
7970;owner=irisadmin@local.host;orig_id=Smp_027970.2;date_last_modif
ied=2022-08-01;Name=Smp_027970.1;product=Probable pre-mRNA-splicing
factor ATP-dependent RNA helicase mog-4;date_creation=2022-07-28
SM_V9_1 iris    exon    48137196        48137295        .       +
        .       Parent=Smp_027970.1;Name=03b853be-37c6-42c1-8c9a-
ba1cef3eeca4
SM_V9_1 iris    exon    48137331        48137532        .       +
        .       Parent=Smp_027970.1;Name=4220c724-6d2c-4150-aea0-
db234023126b
SM_V9_1 iris    exon    48137573        48137703        .       +
        .       Parent=Smp_027970.1;Name=f835fd87-8825-405d-
bd88-0f5492f1c4fc
SM_V9_1 iris    exon    48137738        48137861        .       +
        .       Parent=Smp_027970.1;Name=922acfc8-5638-428f-9e50-
b49a35d2a2e4
SM_V9_1 iris    exon    48137897        48138022        .       +
        .       Parent=Smp_027970.1;Name=b31d9187-f910-4f30-
bd88-58e2ee8229bc
SM_V9_1 iris    exon    48142200        48142475        .       +
        .       Parent=Smp_027970.1;Name=2af1bde3-fb1a-48e7-
a3a7-335d2835e524
SM_V9_1 iris    exon    48145057        48145350        .       +
        .       Parent=Smp_027970.1;Name=49f11307-8e0b-4374-
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bce8-0a84d3f63952
SM_V9_1 iris    exon    48146754        48146897        .       +
        .       Parent=Smp_027970.1;Name=b13ea04a-
a582-45a6-9e9e-14e88a5ed770
SM_V9_1 iris    exon    48147849        48148061        .       +
        .       Parent=Smp_027970.1;Name=52558208-2d1f-4761-80e0-
b48130c16cf2
SM_V9_1 iris    exon    48150510        48150715        .       +
        .       Parent=Smp_027970.1;Name=cf1d88bf-7b28-410e-
a5a7-4f526b18736c
SM_V9_1 iris    exon    48153236        48153559        .       +
        .       Parent=Smp_027970.1;Name=fc760044-0cfd-4caa-bbfb-
e96ddf92f909
SM_V9_1 iris    exon    48155842        48156017        .       +
        .       Parent=Smp_027970.1;Name=32b9aceb-06f2-4479-8cc4-
ccdacf7514b2
SM_V9_1 iris    exon    48158137        48158285        .       +
        .       Parent=Smp_027970.1;Name=5a9ccd52-ba72-496f-
ab83-4c4ea04dfd9d
SM_V9_1 iris    exon    48158915        48159459        .       +
        .       Parent=Smp_027970.1;Name=8d1aba24-882c-42da-
bc07-1dd1f1424d33
SM_V9_1 iris    CDS     48137228        48137295        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48137331        48137532        .       +
        1       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48137573        48137703        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48137738        48137861        .       +
        1       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48137897        48138022        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48142200        48142475        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48145057        48145350        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48146754        48146897        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48147849        48148061        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48150510        48150715        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48153236        48153559        .       +
        1       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48155842        48156017        .       +
        1       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48158137        48158285        .       +
        2       Parent=Smp_027970.1
SM_V9_1 iris    CDS     48158915        48159229        .       +
        0       Parent=Smp_027970.1
SM_V9_1 iris    gene    48187404        48200952        .       -
        .
ID=Smp_027990;geneID=Smp_027990;gene_name=Smp_027990;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
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SM_V9_1 iris    mRNA    48187404        48200952        .       -
        .
ID=Smp_027990.1;Parent=Smp_027990;geneID=Smp_027990;gene_name=Smp_02
7990;owner=irisadmin@local.host;orig_id=Smp_027990.1;date_last_modif
ied=2022-08-01;Name=Smp_027990.1;product=Homeobox protein
DTH-2;date_creation=2022-07-28
SM_V9_1 iris    exon    48187404        48189654        .       -
        .       Parent=Smp_027990.1;Name=Smp_027990.1-CDS
SM_V9_1 iris    exon    48192588        48193636        .       -
        .       Parent=Smp_027990.1;Name=603ced00-34a1-43da-84fd-
e78f4a0552ef
SM_V9_1 iris    exon    48196954        48197372        .       -
        .       Parent=Smp_027990.1;Name=18a00c63-7143-427a-a2ae-
cd27501b284b
SM_V9_1 iris    exon    48199757        48200952        .       -
        .       Parent=Smp_027990.1;Name=5f2f0c8b-
b287-443a-8113-543999b1b6ca
SM_V9_1 iris    CDS     48188080        48189654        .       -
        0       Parent=Smp_027990.1
SM_V9_1 iris    CDS     48192588        48193636        .       -
        2       Parent=Smp_027990.1
SM_V9_1 iris    CDS     48196954        48197372        .       -
        1       Parent=Smp_027990.1
SM_V9_1 iris    CDS     48199757        48199773        .       -
        0       Parent=Smp_027990.1
SM_V9_1 Liftoff gene    48304205        48309572        .       -
        .       ID=Smp_137360;geneID=Smp_137360
SM_V9_1 Liftoff mRNA    48304205        48309572        .       -
        .
ID=Smp_137360.1;Parent=Smp_137360;geneID=Smp_137360;product=Myosin
tail region-interacting protein MTI1
SM_V9_1 Liftoff exon    48304205        48304829        .       -
        .       Parent=Smp_137360.1
SM_V9_1 Liftoff exon    48309153        48309572        .       -
        .       Parent=Smp_137360.1
SM_V9_1 Liftoff CDS     48304523        48304829        .       -
        1       Parent=Smp_137360.1
SM_V9_1 Liftoff CDS     48309153        48309424        .       -
        0       Parent=Smp_137360.1
SM_V9_1 Liftoff gene    48337746        48361587        .       +
        .       ID=Smp_118040;geneID=Smp_118040
SM_V9_1 Liftoff mRNA    48337746        48361587        .       +
        .
ID=Smp_118040.1;Parent=Smp_118040;geneID=Smp_118040;product=neuropep
tide receptor;evidence=Non-traceable Author
Statement;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR000611,IPR017
452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0004983,GO:0007186,GO:00160
21
SM_V9_1 Liftoff exon    48337746        48361587        .       +
        .       Parent=Smp_118040.1
SM_V9_1 Liftoff CDS     48359849        48361327        .       +
        0       Parent=Smp_118040.1
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SM_V9_1 iris    gene    48369836        48416465        .       +
       .
ID=Smp_317370;geneID=Smp_317370;gene_name=Smp_317370;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    48369836        48416465        .       +
       .
ID=Smp_317370.1;Parent=Smp_317370;geneID=Smp_317370;gene_name=Smp_31
7370;owner=irisadmin@local.host;orig_id=Smp_317370.1;date_last_modif
ied=2022-08-01;Name=Smp_317370.1;product=Hypothetical
protein;date_creation=2022-08-01
SM_V9_1 iris    exon    48369836        48370228        .       +
       .       Parent=Smp_317370.1;Name=70a6975c-89e4-4525-ad20-
a571fd625518
SM_V9_1 iris    exon    48374731        48375359        .       +
       .       Parent=Smp_317370.1;Name=b98c4ed1-dcce-408b-9027-
a6ceeae5fd4b
SM_V9_1 iris    exon    48383591        48383692        .       +
       .       Parent=Smp_317370.1;Name=7486e634-ba8e-429d-
b321-8f1aa24a04f3
SM_V9_1 iris    exon    48384523        48384526        .       +
       .       Parent=Smp_317370.1;Name=b69e69d8-134f-45f7-
b868-62d4db50060b
SM_V9_1 iris    exon    48384529        48384578        .       +
       .       Parent=Smp_317370.1;Name=f9ffa0f7-a951-4fa1-b7af-
e3d935a68645
SM_V9_1 iris    exon    48385464        48385673        .       +
       .       Parent=Smp_317370.1;Name=8d1f3328-4101-4084-b9df-
a7b4f3e6d937
SM_V9_1 iris    exon    48390871        48391057        .       +
       .       Parent=Smp_317370.1;Name=fac35ee9-6862-4dc5-af53-
a23bc9e8be56
SM_V9_1 iris    exon    48401197        48401257        .       +
       .       Parent=Smp_317370.1;Name=90db696a-
f150-4dc2-8176-99d49ab41672
SM_V9_1 iris    exon    48406716        48406873        .       +
       .       Parent=Smp_317370.1;Name=c37629c8-2997-4b9c-ae86-
fd566a227672
SM_V9_1 iris    exon    48408979        48410447        .       +
       .       Parent=Smp_317370.1;Name=0f6bf5b3-
c1c7-41f4-928a-6e3711cd1bb1
SM_V9_1 iris    exon    48412551        48412875        .       +
       .
Parent=Smp_317370.1;Name=efd090c8-78c9-4508-9f40-7a3f825e8443
SM_V9_1 iris    exon    48415249        48416465        .       +
       .       Parent=Smp_317370.1;Name=9943e3d5-55ff-4497-a15a-
b5c4ce52b368
SM_V9_1 iris    CDS     48369967        48370228        .       +
       0       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48374731        48375359        .       +
       2       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48383591        48383692        .       +
       0       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48384523        48384526        .       +
       0       Parent=Smp_317370.1
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SM_V9_1 iris    CDS     48384529        48384578        .       +
        2       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48385464        48385673        .       +
        0       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48390871        48391057        .       +
        0       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48401197        48401257        .       +
        2       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48406716        48406873        .       +
        1       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48408979        48410447        .       +
        2       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48412551        48412875        .       +
        0       Parent=Smp_317370.1
SM_V9_1 iris    CDS     48415249        48415283        .       +
        2       Parent=Smp_317370.1
SM_V9_1 iris    gene    48425446        48428555        .       +
        .
ID=Smp_137380;geneID=Smp_137380;gene_name=Smp_137380;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_1 iris    mRNA    48425446        48428555        .       +
        .
ID=Smp_137380.1;Parent=Smp_137380;geneID=Smp_137380;gene_name=Smp_13
7380;owner=irisadmin@local.host;orig_id=Smp_137380.1;date_last_modif
ied=2022-11-12;Name=Smp_137380.1;product=Smad nuclear-interacting
protein 1;date_creation=2022-11-12
SM_V9_1 iris    exon    48425446        48425872        .       +
        .       Parent=Smp_137380.1;Name=5671f80d-
e416-4a53-8ea0-3ec8529867bb
SM_V9_1 iris    exon    48427106        48427347        .       +
        .
Parent=Smp_137380.1;Name=3bacb994-6143-4e7b-9530-4b5ed75bbd09
SM_V9_1 iris    exon    48428325        48428555        .       +
        .       Parent=Smp_137380.1;Name=67de3f9d-72d3-49de-
b2e0-0e1d6fe5baf8
SM_V9_1 iris    CDS     48425470        48425872        .       +
        0       Parent=Smp_137380.1
SM_V9_1 iris    CDS     48427106        48427347        .       +
        2       Parent=Smp_137380.1
SM_V9_1 iris    CDS     48428325        48428510        .       +
        0       Parent=Smp_137380.1
SM_V9_1 iris    gene    48429627        48495972        .       -
        .
ID=Smp_028030;geneID=Smp_028030;gene_name=Smp_028030;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48429627        48495972        .       -
        .
ID=Smp_028030.1;Parent=Smp_028030;geneID=Smp_028030;gene_name=Smp_02
8030;owner=irisadmin@local.host;orig_id=Smp_028030.1;date_last_modif
ied=2022-08-01;Name=Smp_028030.1;product=SLIT-ROBO Rho GTPase-
activating protein 3;date_creation=2022-07-28
SM_V9_1 iris    exon    48429627        48431465        .       -
        .
Parent=Smp_028030.1;Name=be219989-9d9a-4dea-9950-0d24bf7efb63
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SM_V9_1 iris    exon    48433183        48433499        .       -
        .       Parent=Smp_028030.1;Name=8dd09daf-33bf-4e68-
bd07-70d73a7f4677
SM_V9_1 iris    exon    48434408        48435010        .       -
        .       Parent=Smp_028030.1;Name=7405b580-b8c3-4b65-a965-
a257f00083b2
SM_V9_1 iris    exon    48436287        48436393        .       -
        .       Parent=Smp_028030.1;Name=4d7f7c8c-f10b-4217-9b6c-
eb4cf21a0055
SM_V9_1 iris    exon    48439407        48439892        .       -
        .
Parent=Smp_028030.1;Name=0ae96709-5af1-4d5d-9210-703e1e34a12a
SM_V9_1 iris    exon    48447685        48447790        .       -
        .
Parent=Smp_028030.1;Name=3c4e7330-5097-4d8a-9640-5cf23442d28d
SM_V9_1 iris    exon    48452835        48453053        .       -
        .
Parent=Smp_028030.1;Name=d9a2d6ac-0ae5-47c4-8ac8-071ffe57c990
SM_V9_1 iris    exon    48456754        48457351        .       -
        .       Parent=Smp_028030.1;Name=3c43a82b-
f657-48d5-9a54-4402a07eb34f
SM_V9_1 iris    exon    48460925        48461410        .       -
        .       Parent=Smp_028030.1;Name=a1fc4b50-a4d2-4cd4-
aee1-19f9a2d56ba9
SM_V9_1 iris    exon    48465145        48465267        .       -
        .       Parent=Smp_028030.1;Name=4a1933ed-9a30-4eba-
bf70-76d9f1ab6f1b
SM_V9_1 iris    exon    48467162        48467383        .       -
        .       Parent=Smp_028030.1;Name=52f38027-ac63-4f8b-9cad-
bd420cfbe9cc
SM_V9_1 iris    exon    48471014        48471142        .       -
        .       Parent=Smp_028030.1;Name=e49ff040-64e8-43ab-
a2ff-95d1af6551df
SM_V9_1 iris    exon    48475381        48475608        .       -
        .       Parent=Smp_028030.1;Name=8626eadf-a82c-4736-99c6-
a0de6e6155cd
SM_V9_1 iris    exon    48482884        48483049        .       -
        .       Parent=Smp_028030.1;Name=96f21cf5-fd1e-4888-aaa6-
f3092b4b21b1
SM_V9_1 iris    exon    48485396        48485579        .       -
        .       Parent=Smp_028030.1;Name=f73bc3b8-5af9-4de1-b46b-
de6e84b7fcc5
SM_V9_1 iris    exon    48491213        48491529        .       -
        .       Parent=Smp_028030.1;Name=0803f3b5-f2b8-4d86-
b726-45f4112a8aa8
SM_V9_1 iris    exon    48495816        48495972        .       -
        .
Parent=Smp_028030.1;Name=33e7b4f4-2313-4d2a-83ab-1e793e123d3e
SM_V9_1 iris    CDS     48430860        48431465        .       -
        0       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48433183        48433499        .       -
        2       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48434408        48435010        .       -
        2       Parent=Smp_028030.1
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SM_V9_1 iris    CDS     48436287        48436393        .       -
        1       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48439407        48439892        .       -
        1       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48447685        48447790        .       -
        2       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48452835        48453053        .       -
        2       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48456754        48457351        .       -
        0       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48460925        48461410        .       -
        0       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48465145        48465267        .       -
        0       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48467162        48467383        .       -
        0       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48471014        48471142        .       -
        0       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48475381        48475608        .       -
        0       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48482884        48483049        .       -
        1       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48485396        48485579        .       -
        2       Parent=Smp_028030.1
SM_V9_1 iris    CDS     48491213        48491321        .       -
        0       Parent=Smp_028030.1
SM_V9_1 Liftoff gene    48508636        48547838        .       +
        .       ID=Smp_028050;geneID=Smp_028050
SM_V9_1 Liftoff mRNA    48508636        48547838        .       +
        .
ID=Smp_028050.1;Parent=Smp_028050;geneID=Smp_028050;product=Putative
glycosyltransferase HOC1;polypeptide_domain=InterPro:IPR013783
SM_V9_1 Liftoff exon    48508636        48512079        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48512116        48512184        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48512633        48513003        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48515532        48515714        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48526682        48527224        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48528789        48529084        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48530528        48530612        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48533203        48533367        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48534495        48534860        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48536139        48536230        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48537608        48537732        .       +
        .       Parent=Smp_028050.1
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SM_V9_1 Liftoff exon    48538032        48538496        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48540769        48541220        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48546521        48546754        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48546844        48546950        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff exon    48547578        48547838        .       +
        .       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48511791        48512079        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48512116        48512184        .       +
        2       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48512633        48513003        .       +
        2       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48515532        48515714        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48526682        48527224        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48528789        48529084        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48530528        48530612        .       +
        1       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48533203        48533367        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48534495        48534860        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48536139        48536230        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48537608        48537732        .       +
        1       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48538032        48538496        .       +
        2       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48540769        48541220        .       +
        2       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48546521        48546754        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48546844        48546950        .       +
        0       Parent=Smp_028050.1
SM_V9_1 Liftoff CDS     48547578        48547761        .       +
        1       Parent=Smp_028050.1
SM_V9_1 Liftoff gene    48553429        48558992        .       -
        .       ID=Smp_028060;geneID=Smp_028060
SM_V9_1 Liftoff mRNA    48553429        48558992        .       -
        .
ID=Smp_028060.1;Parent=Smp_028060;geneID=Smp_028060;product=Uncharac
terized protein ZK546.14;polypeptide_domain=InterPro:IPR029190
Pfam:PF04935
SM_V9_1 Liftoff exon    48553429        48554025        .       -
        .       Parent=Smp_028060.1
SM_V9_1 Liftoff exon    48554063        48558992        .       -
        .       Parent=Smp_028060.1
SM_V9_1 Liftoff CDS     48553793        48554025        .       -
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        2       Parent=Smp_028060.1
SM_V9_1 Liftoff CDS     48554063        48554336        .       -
        0       Parent=Smp_028060.1
SM_V9_1 iris    gene    48566705        48583421        .       -
        .
ID=Smp_028070;geneID=Smp_028070;gene_name=Smp_028070;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48566705        48583421        .       -
        .
ID=Smp_028070.1;Parent=Smp_028070;geneID=Smp_028070;gene_name=Smp_02
8070;owner=irisadmin@local.host;orig_id=Smp_028070.1;date_last_modif
ied=2022-08-01;Name=Smp_028070.1;product=Protein bicaudal D homolog
1;date_creation=2022-07-28
SM_V9_1 iris    exon    48566705        48567896        .       -
        .       Parent=Smp_028070.1;Name=5e4d2fc5-9e69-403f-a45a-
deaed0b564f4
SM_V9_1 iris    exon    48575010        48575414        .       -
        .       Parent=Smp_028070.1;Name=67c3f74c-f774-4dc4-ac65-
d8185fb484c4
SM_V9_1 iris    exon    48575909        48576235        .       -
        .
Parent=Smp_028070.1;Name=c8e59812-0a6f-49ad-8bf4-64f777344eef
SM_V9_1 iris    exon    48577770        48578069        .       -
        .       Parent=Smp_028070.1;Name=5019e5dd-b92d-43dd-
a5d0-71883df36a5b
SM_V9_1 iris    exon    48579696        48580498        .       -
        .       Parent=Smp_028070.1;Name=b56fb1f4-9f3a-4e66-ba6a-
d61a973755a3
SM_V9_1 iris    exon    48582435        48582732        .       -
        .
Parent=Smp_028070.1;Name=3977b956-1337-4040-8e01-8291631a508a
SM_V9_1 iris    exon    48582767        48583132        .       -
        .       Parent=Smp_028070.1;Name=a2c799d6-472b-4a8b-8acc-
a2b845ee8014
SM_V9_1 iris    exon    48583172        48583421        .       -
        .       Parent=Smp_028070.1;Name=e9c61aea-64cf-4aef-
b4c1-2fff95273fa0
SM_V9_1 iris    CDS     48567861        48567896        .       -
        0       Parent=Smp_028070.1
SM_V9_1 iris    CDS     48575010        48575414        .       -
        0       Parent=Smp_028070.1
SM_V9_1 iris    CDS     48575909        48576235        .       -
        0       Parent=Smp_028070.1
SM_V9_1 iris    CDS     48577770        48578069        .       -
        0       Parent=Smp_028070.1
SM_V9_1 iris    CDS     48579696        48580498        .       -
        2       Parent=Smp_028070.1
SM_V9_1 iris    CDS     48582435        48582732        .       -
        0       Parent=Smp_028070.1
SM_V9_1 iris    CDS     48582767        48583132        .       -
        0       Parent=Smp_028070.1
SM_V9_1 iris    CDS     48583172        48583369        .       -
        0       Parent=Smp_028070.1
SM_V9_1 Liftoff gene    48596419        48607440        .       +
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        .       ID=Smp_028080;geneID=Smp_028080
SM_V9_1 Liftoff mRNA    48596419        48607440        .       +
        .
ID=Smp_028080.1;Parent=Smp_028080;geneID=Smp_028080;product=serine
palmitoyltransferase
1;polypeptide_domain=InterPro:IPR004839,IPR015421,IPR015422,IPR01542
4 Pfam:PF00155;Ontology_term=GO:0003824,GO:0009058,GO:0030170
SM_V9_1 Liftoff exon    48596419        48598973        .       +
        .       Parent=Smp_028080.1
SM_V9_1 Liftoff exon    48599009        48599282        .       +
        .       Parent=Smp_028080.1
SM_V9_1 Liftoff exon    48602208        48602887        .       +
        .       Parent=Smp_028080.1
SM_V9_1 Liftoff exon    48604075        48604483        .       +
        .       Parent=Smp_028080.1
SM_V9_1 Liftoff exon    48607108        48607440        .       +
        .       Parent=Smp_028080.1
SM_V9_1 Liftoff CDS     48598934        48598973        .       +
        0       Parent=Smp_028080.1
SM_V9_1 Liftoff CDS     48599009        48599282        .       +
        2       Parent=Smp_028080.1
SM_V9_1 Liftoff CDS     48602208        48602887        .       +
        1       Parent=Smp_028080.1
SM_V9_1 Liftoff CDS     48604075        48604483        .       +
        2       Parent=Smp_028080.1
SM_V9_1 Liftoff CDS     48607108        48607231        .       +
        1       Parent=Smp_028080.1
SM_V9_1 Liftoff gene    48609480        48616805        .       -
        .       ID=Smp_137390;geneID=Smp_137390
SM_V9_1 Liftoff mRNA    48609480        48616805        .       -
        .
ID=Smp_137390.1;Parent=Smp_137390;geneID=Smp_137390;product=Histone
RNA hairpin-binding protein;polypeptide_domain=InterPro:IPR029344
Pfam:PF15247;Ontology_term=GO:0003723
SM_V9_1 Liftoff exon    48609480        48609894        .       -
        .       Parent=Smp_137390.1
SM_V9_1 Liftoff exon    48610572        48610747        .       -
        .       Parent=Smp_137390.1
SM_V9_1 Liftoff exon    48611362        48611745        .       -
        .       Parent=Smp_137390.1
SM_V9_1 Liftoff exon    48613374        48613615        .       -
        .       Parent=Smp_137390.1
SM_V9_1 Liftoff exon    48615971        48616153        .       -
        .       Parent=Smp_137390.1
SM_V9_1 Liftoff exon    48616185        48616413        .       -
        .       Parent=Smp_137390.1
SM_V9_1 Liftoff exon    48616449        48616805        .       -
        .       Parent=Smp_137390.1
SM_V9_1 Liftoff CDS     48609839        48609894        .       -
        2       Parent=Smp_137390.1
SM_V9_1 Liftoff CDS     48610572        48610747        .       -
        1       Parent=Smp_137390.1
SM_V9_1 Liftoff CDS     48611362        48611745        .       -
        1       Parent=Smp_137390.1
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SM_V9_1 Liftoff CDS     48613374        48613615        .       -
        0       Parent=Smp_137390.1
SM_V9_1 Liftoff CDS     48615971        48616153        .       -
        0       Parent=Smp_137390.1
SM_V9_1 Liftoff CDS     48616185        48616413        .       -
        1       Parent=Smp_137390.1
SM_V9_1 Liftoff CDS     48616449        48616567        .       -
        0       Parent=Smp_137390.1
SM_V9_1 Liftoff gene    48618944        48619283        .       -
        .       ID=Smp_137400;geneID=Smp_137400
SM_V9_1 Liftoff mRNA    48618944        48619283        .       -
        .
ID=Smp_137400.1;Parent=Smp_137400;geneID=Smp_137400;product=Uncharac
terized protein MJ0664
SM_V9_1 Liftoff exon    48618944        48619036        .       -
        .       Parent=Smp_137400.1
SM_V9_1 Liftoff exon    48619185        48619283        .       -
        .       Parent=Smp_137400.1
SM_V9_1 Liftoff CDS     48618944        48619036        .       -
        0       Parent=Smp_137400.1
SM_V9_1 Liftoff CDS     48619185        48619283        .       -
        0       Parent=Smp_137400.1
SM_V9_1 iris    gene    48636390        48637466        .       +
        .
ID=Smp_028100;geneID=Smp_028100;gene_name=Smp_028100;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48636390        48637466        .       +
        .
ID=Smp_028100.1;Parent=Smp_028100;geneID=Smp_028100;gene_name=Smp_02
8100;owner=irisadmin@local.host;orig_id=Smp_028100.1;date_last_modif
ied=2022-08-01;Name=Smp_028100.1;product=Ubiquitin-conjugating
enzyme E2 G1;date_creation=2022-07-28
SM_V9_1 iris    exon    48636390        48636498        .       +
        .       Parent=Smp_028100.1;Name=aa255201-b61c-4e5f-b8ad-
dead2ccb4381
SM_V9_1 iris    exon    48636582        48636684        .       +
        .       Parent=Smp_028100.1;Name=1b40d2fd-98d3-4a23-
b407-07ec12764dd3
SM_V9_1 iris    exon    48636718        48636994        .       +
        .       Parent=Smp_028100.1;Name=919b2ccd-d485-4cb2-a4b9-
ba4fcf810d80
SM_V9_1 iris    exon    48637036        48637466        .       +
        .       Parent=Smp_028100.1;Name=0cd69552-
fe3d-40ef-99f2-710f9eee83c6
SM_V9_1 iris    CDS     48636453        48636498        .       +
        0       Parent=Smp_028100.1
SM_V9_1 iris    CDS     48636582        48636684        .       +
        2       Parent=Smp_028100.1
SM_V9_1 iris    CDS     48636718        48636994        .       +
        1       Parent=Smp_028100.1
SM_V9_1 iris    CDS     48637036        48637116        .       +
        0       Parent=Smp_028100.1
SM_V9_1 iris    gene    48710895        48734205        .       -
        .
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ID=Smp_137410;geneID=Smp_137410;gene_name=Smp_137410;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48710895        48734205        .       -
        .
ID=Smp_137410.1;Parent=Smp_137410;geneID=Smp_137410;gene_name=Smp_13
7410;owner=irisadmin@local.host;orig_id=Smp_137410.1;date_last_modif
ied=2022-08-01;Name=Smp_137410.1;product=Calpain-9;date_creation=202
2-07-28
SM_V9_1 iris    exon    48710895        48712460        .       -
        .       Parent=Smp_137410.1;Name=f914c6c5-2a40-4cbe-83eb-
a9df51494e4d
SM_V9_1 iris    exon    48714194        48714246        .       -
        .       Parent=Smp_137410.1;Name=8dfcfeeb-
d1ca-4abb-95d8-5410d351dccc
SM_V9_1 iris    exon    48715685        48715801        .       -
        .       Parent=Smp_137410.1;Name=11e70f17-e628-445e-80ea-
d6ec42ebdb86
SM_V9_1 iris    exon    48716601        48716790        .       -
        .
Parent=Smp_137410.1;Name=0136bd9a-5890-49c3-822a-18a80fa8040c
SM_V9_1 iris    exon    48717604        48717802        .       -
        .       Parent=Smp_137410.1;Name=1491a614-7af7-4997-
a245-6b9f6d080fa3
SM_V9_1 iris    exon    48718758        48718972        .       -
        .       Parent=Smp_137410.1;Name=94782012-1af9-43fd-
b16e-120ce5d41cdd
SM_V9_1 iris    exon    48724686        48725031        .       -
        .       Parent=Smp_137410.1;Name=8c797e78-10f1-43f9-
a070-8ff89d044c94
SM_V9_1 iris    exon    48725609        48725871        .       -
        .       Parent=Smp_137410.1;Name=9da64ad8-8803-4bea-8e17-
f8c63aa039b5
SM_V9_1 iris    exon    48728832        48729021        .       -
        .       Parent=Smp_137410.1;Name=512b11e2-
d258-43f8-94a0-94c18b012887
SM_V9_1 iris    exon    48729741        48729999        .       -
        .       Parent=Smp_137410.1;Name=8df3ef3a-
dc4b-438d-83bf-6009e7521391
SM_V9_1 iris    exon    48731207        48731527        .       -
        .       Parent=Smp_137410.1;Name=41d3d1bc-
b7ad-48f4-9198-2360e158a037
SM_V9_1 iris    exon    48733830        48734205        .       -
        .       Parent=Smp_137410.1;Name=0c4a0679-473a-48dc-
a0d7-199f7173c7e3
SM_V9_1 iris    CDS     48712434        48712460        .       -
        0       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48714194        48714246        .       -
        2       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48715685        48715801        .       -
        2       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48716601        48716790        .       -
        0       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48717604        48717802        .       -
        1       Parent=Smp_137410.1
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SM_V9_1 iris    CDS     48718758        48718972        .       -
        0       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48724686        48725031        .       -
        1       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48725609        48725871        .       -
        0       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48728832        48729021        .       -
        1       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48729741        48729999        .       -
        2       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48731207        48731527        .       -
        2       Parent=Smp_137410.1
SM_V9_1 iris    CDS     48733830        48734082        .       -
        0       Parent=Smp_137410.1
SM_V9_1 iris    gene    48740649        48764269        .       +
        .
ID=Smp_028120;geneID=Smp_028120;gene_name=Smp_028120;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48740649        48764269        .       +
        .
ID=Smp_028120.1;Parent=Smp_028120;geneID=Smp_028120;gene_name=Smp_02
8120;owner=irisadmin@local.host;orig_id=Smp_028120.1;date_last_modif
ied=2022-08-01;Name=Smp_028120.1;product=Dynamin-like 120 kDa
protein, mitochondrial;date_creation=2022-07-28
SM_V9_1 iris    exon    48740649        48740866        .       +
        .
Parent=Smp_028120.1;Name=a253b404-4555-42a4-8d9a-4d637c7af7ab
SM_V9_1 iris    exon    48740898        48741023        .       +
        .
Parent=Smp_028120.1;Name=23c60755-8440-4b3b-94a5-6ac546220fb5
SM_V9_1 iris    exon    48741061        48741130        .       +
        .       Parent=Smp_028120.1;Name=f2d7fd0e-a548-4281-
b377-6a024658ba0c
SM_V9_1 iris    exon    48741170        48741216        .       +
        .       Parent=Smp_028120.1;Name=856bbede-
b9db-4feb-8eb4-0a0d265abdf7
SM_V9_1 iris    exon    48741251        48741316        .       +
        .       Parent=Smp_028120.1;Name=2bd96a19-68af-420a-822e-
eeb8f92477ba
SM_V9_1 iris    exon    48741351        48741455        .       +
        .       Parent=Smp_028120.1;Name=4a518fb7-b0af-4d0b-
a481-223896e4a3e1
SM_V9_1 iris    exon    48741491        48741562        .       +
        .       Parent=Smp_028120.1;Name=ed54e56a-a673-4efd-973d-
bd50ec544abb
SM_V9_1 iris    exon    48741662        48741898        .       +
        .       Parent=Smp_028120.1;Name=47158e93-
ad62-47cb-9ca9-5a9654771ffa
SM_V9_1 iris    exon    48744704        48744923        .       +
        .       Parent=Smp_028120.1;Name=56d6d670-64d3-42f1-82c5-
be3e98b60ecb
SM_V9_1 iris    exon    48746041        48746171        .       +
        .       Parent=Smp_028120.1;Name=70c80f97-d315-476e-
a2c7-92358ddc2b4c
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SM_V9_1 iris    exon    48746222        48746294        .       +
        .       Parent=Smp_028120.1;Name=fbb0d929-e233-4dac-b668-
fcdbcb26f070
SM_V9_1 iris    exon    48746341        48746529        .       +
        .       Parent=Smp_028120.1;Name=938ee042-4cb8-4a72-
b512-52bf4fb7d347
SM_V9_1 iris    exon    48748280        48748514        .       +
        .       Parent=Smp_028120.1;Name=987d45e4-
e497-41d7-8946-904ecb6024b9
SM_V9_1 iris    exon    48749749        48749977        .       +
        .       Parent=Smp_028120.1;Name=d560d471-4580-426d-954b-
ccfcbeb35a2a
SM_V9_1 iris    exon    48750708        48750816        .       +
        .       Parent=Smp_028120.1;Name=70ba9aba-3baa-406b-bbd6-
dd2d4f18fb2c
SM_V9_1 iris    exon    48752513        48752646        .       +
        .
Parent=Smp_028120.1;Name=76213206-641d-4da2-8205-53a3f33286b8
SM_V9_1 iris    exon    48753769        48753855        .       +
        .       Parent=Smp_028120.1;Name=c7aaabd3-
fbf9-41ed-85c0-3580d1e3176f
SM_V9_1 iris    exon    48761023        48761320        .       +
        .       Parent=Smp_028120.1;Name=809182b1-46a2-4838-
a8eb-6a67448474e8
SM_V9_1 iris    exon    48762687        48762797        .       +
        .       Parent=Smp_028120.1;Name=828e4355-0412-4812-9dfd-
bf6a793731cd
SM_V9_1 iris    exon    48763494        48764269        .       +
        .       Parent=Smp_028120.1;Name=a0817a96-09d8-4973-
bf39-20c5851d3409
SM_V9_1 iris    CDS     48740717        48740866        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48740898        48741023        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48741061        48741130        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48741170        48741216        .       +
        2       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48741251        48741316        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48741351        48741455        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48741491        48741562        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48741662        48741898        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48744704        48744923        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48746041        48746171        .       +
        2       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48746222        48746294        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48746341        48746529        .       +
        2       Parent=Smp_028120.1
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SM_V9_1 iris    CDS     48748280        48748514        .       +
        2       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48749749        48749977        .       +
        1       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48750708        48750816        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48752513        48752646        .       +
        2       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48753769        48753855        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48761023        48761320        .       +
        0       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48762687        48762797        .       +
        2       Parent=Smp_028120.1
SM_V9_1 iris    CDS     48763494        48763558        .       +
        2       Parent=Smp_028120.1
SM_V9_1 Liftoff gene    48765889        48766894        .       +
        .       ID=Smp_028130;geneID=Smp_028130
SM_V9_1 Liftoff mRNA    48765889        48766894        .       +
        .
ID=Smp_028130.1;Parent=Smp_028130;geneID=Smp_028130;product=Protein
FAM78A
SM_V9_1 Liftoff exon    48765889        48766894        .       +
        .       Parent=Smp_028130.1
SM_V9_1 Liftoff CDS     48765960        48766841        .       +
        0       Parent=Smp_028130.1
SM_V9_1 iris    gene    48777139        48801621        .       +
        .
ID=Smp_028140;geneID=Smp_028140;gene_name=Smp_028140;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48777139        48801621        .       +
        .
ID=Smp_028140.1;Parent=Smp_028140;geneID=Smp_028140;gene_name=Smp_02
8140;owner=irisadmin@local.host;orig_id=Smp_028140.1;date_last_modif
ied=2022-08-01;Name=Smp_028140.1;product=F-BAR domain only protein
2;date_creation=2022-07-28
SM_V9_1 iris    exon    48777139        48777736        .       +
        .       Parent=Smp_028140.1;Name=788be620-bd71-486a-8c9e-
a5607c525203
SM_V9_1 iris    exon    48778906        48779127        .       +
        .       Parent=Smp_028140.1;Name=07d852c5-0eeb-4451-
aa40-3282272bac78
SM_V9_1 iris    exon    48780540        48780870        .       +
        .       Parent=Smp_028140.1;Name=fa71f831-
ffe9-44b9-997c-75d44d3ecab9
SM_V9_1 iris    exon    48782773        48783171        .       +
        .       Parent=Smp_028140.1;Name=2b742036-1eb6-4af7-ba8f-
c0be14c365f0
SM_V9_1 iris    exon    48784770        48784966        .       +
        .       Parent=Smp_028140.1;Name=4bcb3014-1772-4783-aaef-
b711135d9c99
SM_V9_1 iris    exon    48786703        48787162        .       +
        .
Parent=Smp_028140.1;Name=95cbf0f3-93f6-4cc3-842b-1fac4bfbfaaa
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SM_V9_1 iris    exon    48791479        48791843        .       +
        .       Parent=Smp_028140.1;Name=d9659106-8aa3-4c04-a8ce-
ba36ab7963b4
SM_V9_1 iris    exon    48792993        48793474        .       +
        .       Parent=Smp_028140.1;Name=8566401f-c1ac-4809-81e8-
cd7a815baada
SM_V9_1 iris    exon    48794671        48795102        .       +
        .       Parent=Smp_028140.1;Name=f9288fcf-a455-4424-84a1-
d815236c6631
SM_V9_1 iris    exon    48798311        48801621        .       +
        .
Parent=Smp_028140.1;Name=3d45e65b-860d-408b-94ae-4ad73541098c
SM_V9_1 iris    CDS     48777347        48777736        .       +
        0       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48778906        48779127        .       +
        0       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48780540        48780870        .       +
        0       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48782773        48783171        .       +
        2       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48784770        48784966        .       +
        2       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48786703        48787162        .       +
        0       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48791479        48791843        .       +
        2       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48792993        48793474        .       +
        0       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48794671        48795102        .       +
        1       Parent=Smp_028140.1
SM_V9_1 iris    CDS     48798311        48798884        .       +
        1       Parent=Smp_028140.1
SM_V9_1 iris    gene    48801639        48850525        .       -
        .
ID=Smp_246940;geneID=Smp_246940;gene_name=Smp_246940;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    48801639        48850525        .       -
        .
ID=Smp_246940.1;Parent=Smp_246940;geneID=Smp_246940;gene_name=Smp_24
6940;owner=irisadmin@local.host;orig_id=Smp_246940.1;date_last_modif
ied=2022-08-16;Name=Smp_246940.1;product=Oral-facial-digital
syndrome 1 protein homolog;date_creation=2022-08-16
SM_V9_1 iris    exon    48801639        48802068        .       -
        .       Parent=Smp_246940.1;Name=c9f9f6b3-92e1-46d9-
b055-9663c79d87ac
SM_V9_1 iris    exon    48806467        48806573        .       -
        .       Parent=Smp_246940.1;Name=4e96f1f4-a566-4079-a774-
ad00890fa92a
SM_V9_1 iris    exon    48807811        48808076        .       -
        .       Parent=Smp_246940.1;Name=66c0914e-2005-4861-95cb-
ff02449b656e
SM_V9_1 iris    exon    48814369        48814800        .       -
        .
Parent=Smp_246940.1;Name=4757fb22-077c-463f-86a4-6d65f925ef81
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SM_V9_1 iris    exon    48819194        48819315        .       -
        .       Parent=Smp_246940.1;Name=ab7cf015-
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SM_V9_1 iris    exon    48820871        48820962        .       -
        .
Parent=Smp_246940.1;Name=a6cc4869-64a4-47f1-9337-0d15eaadf2d1
SM_V9_1 iris    exon    48824867        48825228        .       -
        .
Parent=Smp_246940.1;Name=451d39c7-51dc-4d00-97b2-177823f499aa
SM_V9_1 iris    exon    48828161        48828332        .       -
        .
Parent=Smp_246940.1;Name=1bce39d2-3d25-45d5-93fd-720f94e117e0
SM_V9_1 iris    exon    48830816        48830955        .       -
        .       Parent=Smp_246940.1;Name=4403f02e-9169-4a11-af39-
d88cf194d712
SM_V9_1 iris    exon    48832151        48832194        .       -
        .       Parent=Smp_246940.1;Name=d161cb0c-
ef50-4e24-948c-4c71ddf36c8f
SM_V9_1 iris    exon    48833918        48833985        .       -
        .       Parent=Smp_246940.1;Name=56cea32c-6db0-4a3d-b6ad-
d257ec55c645
SM_V9_1 iris    exon    48834775        48834866        .       -
        .
Parent=Smp_246940.1;Name=ba0b0ff7-1dcf-49b5-92d8-0fedf696bae7
SM_V9_1 iris    exon    48834911        48834984        .       -
        .       Parent=Smp_246940.1;Name=9de55132-061d-4793-
b9d3-84aa41163f9c
SM_V9_1 iris    exon    48838334        48838453        .       -
        .       Parent=Smp_246940.1;Name=08597243-
cbfe-42bf-8167-80b79be63daa
SM_V9_1 iris    exon    48840548        48840738        .       -
        .       Parent=Smp_246940.1;Name=3d426be0-81b9-493c-a73e-
c6a7140cfa4f
SM_V9_1 iris    exon    48841816        48841905        .       -
        .       Parent=Smp_246940.1;Name=1938eb5d-39ba-4d2d-
a899-4395d69922af
SM_V9_1 iris    exon    48842302        48842444        .       -
        .       Parent=Smp_246940.1;Name=50e7b56a-fa26-4011-
a8f1-66fce70c5615
SM_V9_1 iris    exon    48849887        48850010        .       -
        .       Parent=Smp_246940.1;Name=b310cfe7-b85c-4465-aab9-
c48d1754b4e4
SM_V9_1 iris    exon    48850051        48850119        .       -
        .       Parent=Smp_246940.1;Name=59fd52a0-a9fc-47c5-9231-
b9fb10f53eaf
SM_V9_1 iris    exon    48850160        48850348        .       -
        .
Parent=Smp_246940.1;Name=12c4e686-57b6-404a-9c5c-4f0c5faa753b
SM_V9_1 iris    exon    48850388        48850525        .       -
        .       Parent=Smp_246940.1;Name=f3d17ed9-98b6-4c72-
bdce-5dcad2ccc9f2
SM_V9_1 iris    CDS     48802032        48802068        .       -
        1       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48806467        48806573        .       -
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        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48807811        48808076        .       -
        2       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48814369        48814800        .       -
        2       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48819194        48819315        .       -
        1       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48820871        48820962        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48824867        48825228        .       -
        2       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48828161        48828332        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48830816        48830955        .       -
        2       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48832151        48832194        .       -
        1       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48833918        48833985        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48834775        48834866        .       -
        2       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48834911        48834984        .       -
        1       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48838334        48838453        .       -
        1       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48840548        48840738        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48841816        48841905        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48842302        48842444        .       -
        2       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48849887        48850010        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48850051        48850119        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48850160        48850348        .       -
        0       Parent=Smp_246940.1
SM_V9_1 iris    CDS     48850388        48850468        .       -
        0       Parent=Smp_246940.1
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        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48853220        48868236        .       +
        .
ID=Smp_028170.1;Parent=Smp_028170;geneID=Smp_028170;gene_name=Smp_02
8170;owner=irisadmin@local.host;orig_id=Smp_028170.1;date_last_modif
ied=2022-08-01;Name=Smp_028170.1;product=Probable kinetochore
protein ndc80;date_creation=2022-07-28
SM_V9_1 iris    exon    48853220        48853375        .       +
        .       Parent=Smp_028170.1;Name=c29116a2-dbcf-4615-
ad31-5df54def5c14
SM_V9_1 iris    exon    48853411        48853538        .       +
        .       Parent=Smp_028170.1;Name=44c5fb80-85f5-4a8e-b442-
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eb94787a37d8
SM_V9_1 iris    exon    48853569        48853712        .       +
        .       Parent=Smp_028170.1;Name=98a363c0-214f-4734-
a381-505dd037bc4b
SM_V9_1 iris    exon    48853761        48853831        .       +
        .       Parent=Smp_028170.1;Name=05fe1082-fd37-4066-
a086-83bbd2343d11
SM_V9_1 iris    exon    48853888        48854024        .       +
        .       Parent=Smp_028170.1;Name=2c4d25b8-dff6-4cdb-bc65-
dffcd367855e
SM_V9_1 iris    exon    48862300        48862472        .       +
        .       Parent=Smp_028170.1;Name=b3ca7f9f-b861-4a76-92c6-
a955b3b629bc
SM_V9_1 iris    exon    48864701        48865045        .       +
        .       Parent=Smp_028170.1;Name=0901ef8f-4597-46c8-bca9-
de059e89dd71
SM_V9_1 iris    exon    48865959        48866090        .       +
        .       Parent=Smp_028170.1;Name=7c8ea78b-9a0b-463a-
bba6-86793261a402
SM_V9_1 iris    exon    48867654        48868236        .       +
        .       Parent=Smp_028170.1;Name=69b0519e-213b-4f7c-90f4-
e4d33bbba03c
SM_V9_1 iris    CDS     48853270        48853375        .       +
        0       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48853411        48853538        .       +
        2       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48853569        48853712        .       +
        0       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48853761        48853831        .       +
        0       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48853888        48854024        .       +
        1       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48862300        48862472        .       +
        2       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48864701        48865045        .       +
        0       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48865959        48866090        .       +
        0       Parent=Smp_028170.1
SM_V9_1 iris    CDS     48867654        48867737        .       +
        0       Parent=Smp_028170.1
SM_V9_1 iris    gene    48894619        48915421        .       +
        .
ID=Smp_124920;geneID=Smp_124920;gene_name=Smp_124920;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    48894619        48915421        .       +
        .
ID=Smp_124920.1;Parent=Smp_124920;geneID=Smp_124920;gene_name=Smp_12
4920;owner=irisadmin@local.host;orig_id=Smp_124920.1;date_last_modif
ied=2022-08-16;Name=Smp_124920.1;product=ERO1-like protein
alpha;date_creation=2022-08-16
SM_V9_1 iris    exon    48894619        48894801        .       +
        .       Parent=Smp_124920.1;Name=a97b5e6b-
f886-4dea-98d1-0467c57ec395
SM_V9_1 iris    exon    48894833        48894952        .       +
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        .       Parent=Smp_124920.1;Name=8c7ab7d5-
a97b-4baa-8113-85295876803d
SM_V9_1 iris    exon    48896899        48897039        .       +
        .       Parent=Smp_124920.1;Name=d155e861-9112-499a-a15d-
a1ac6bc94c07
SM_V9_1 iris    exon    48897072        48897142        .       +
        .       Parent=Smp_124920.1;Name=3aa99924-65b7-47e2-
bc94-061a8a197ff3
SM_V9_1 iris    exon    48898774        48898850        .       +
        .       Parent=Smp_124920.1;Name=37c6eed6-da0d-40ac-
bc9f-1e0f3e52930d
SM_V9_1 iris    exon    48899893        48900013        .       +
        .       Parent=Smp_124920.1;Name=8355f060-d366-45db-
aa27-54b469edc7fa
SM_V9_1 iris    exon    48900061        48900101        .       +
        .       Parent=Smp_124920.1;Name=2cb7c27f-0d38-4834-be2d-
fee2d36abbb2
SM_V9_1 iris    exon    48906002        48906100        .       +
        .       Parent=Smp_124920.1;Name=92cbc2e1-9c9f-4b05-9bb7-
b1d7464f8a4c
SM_V9_1 iris    exon    48906798        48907068        .       +
        .       Parent=Smp_124920.1;Name=b3f95f1b-
ad90-4462-9b3b-302ec18dae35
SM_V9_1 iris    exon    48909342        48909498        .       +
        .       Parent=Smp_124920.1;Name=92c245d9-55af-473e-
a376-92669af32546
SM_V9_1 iris    exon    48912539        48912681        .       +
        .       Parent=Smp_124920.1;Name=82a332e3-989e-4f78-
b800-4645ffefa970
SM_V9_1 iris    exon    48914645        48915421        .       +
        .       Parent=Smp_124920.1;Name=7d5290d4-0e2a-4e5f-82fc-
d0d18e2dbcae
SM_V9_1 iris    CDS     48894709        48894801        .       +
        0       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48894833        48894952        .       +
        0       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48896899        48897039        .       +
        0       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48897072        48897142        .       +
        0       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48898774        48898850        .       +
        1       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48899893        48900013        .       +
        2       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48900061        48900101        .       +
        1       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48906002        48906100        .       +
        2       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48906798        48907068        .       +
        2       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48909342        48909498        .       +
        1       Parent=Smp_124920.1
SM_V9_1 iris    CDS     48912539        48912681        .       +
        0       Parent=Smp_124920.1
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SM_V9_1 iris    CDS     48914645        48914732        .       +
        1       Parent=Smp_124920.1
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        .
ID=Smp_342080;geneID=Smp_342080;gene_name=Smp_342080;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    48931833        48946707        .       -
        .
ID=Smp_342080.2;Parent=Smp_342080;geneID=Smp_342080;gene_name=Smp_34
2080;owner=irisadmin@local.host;orig_id=Smp_342080.1;date_last_modif
ied=2022-08-01;Name=Smp_342080.2;product=Protein stoned-
B;date_creation=2022-07-28
SM_V9_1 iris    exon    48931833        48933634        .       -
        .       Parent=Smp_342080.2;Name=064f97a4-1d09-4e22-9cdc-
bb052d025d81
SM_V9_1 iris    exon    48934392        48938804        .       -
        .       Parent=Smp_342080.2;Name=afa64dda-45ac-4db3-
b871-9a586998fab5
SM_V9_1 iris    exon    48946557        48946707        .       -
        .       Parent=Smp_342080.2;Name=71049965-bcbd-489b-
a3b9-902cb0af5c06
SM_V9_1 iris    CDS     48933072        48933634        .       -
        2       Parent=Smp_342080.2
SM_V9_1 iris    CDS     48934392        48937059        .       -
        0       Parent=Smp_342080.2
SM_V9_1 iris    mRNA    48931833        48956190        .       -
        .
ID=Smp_342080.1;Parent=Smp_342080;geneID=Smp_342080;gene_name=Smp_34
2080;owner=irisadmin@local.host;orig_id=Smp_342080.2;date_last_modif
ied=2022-08-01;Name=Smp_342080.1;product=Protein stoned-
B;date_creation=2022-07-28
SM_V9_1 iris    exon    48931833        48933634        .       -
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bfb989449c8d
SM_V9_1 iris    exon    48934392        48938804        .       -
        .       Parent=Smp_342080.1;Name=e4f500ab-3066-4e42-
bb4e-8120c37b43ce
SM_V9_1 iris    exon    48954336        48956190        .       -
        .       Parent=Smp_342080.1;Name=3ad8505d-7205-4395-b0d5-
aafbcfc327e9
SM_V9_1 iris    CDS     48933072        48933634        .       -
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SM_V9_1 iris    CDS     48934392        48938804        .       -
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SM_V9_1 iris    CDS     48954336        48955983        .       -
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SM_V9_1 Liftoff gene    48961144        48968425        .       -
        .       ID=Smp_005230;geneID=Smp_005230
SM_V9_1 Liftoff mRNA    48961144        48968425        .       -
        .
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n-B;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13202,PF13499,PF13833;Ontology_term=GO:0005509
SM_V9_1 Liftoff exon    48961144        48961725        .       -
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SM_V9_1 Liftoff exon    48964218        48964278        .       -
        .       Parent=Smp_005230.1
SM_V9_1 Liftoff exon    48966941        48967095        .       -
        .       Parent=Smp_005230.1
SM_V9_1 Liftoff exon    48967201        48967403        .       -
        .       Parent=Smp_005230.1
SM_V9_1 Liftoff exon    48967998        48968128        .       -
        .       Parent=Smp_005230.1
SM_V9_1 Liftoff exon    48968162        48968425        .       -
        .       Parent=Smp_005230.1
SM_V9_1 Liftoff CDS     48961621        48961725        .       -
        0       Parent=Smp_005230.1
SM_V9_1 Liftoff CDS     48962725        48962927        .       -
        2       Parent=Smp_005230.1
SM_V9_1 Liftoff CDS     48964218        48964278        .       -
        0       Parent=Smp_005230.1
SM_V9_1 Liftoff CDS     48966941        48967095        .       -
        2       Parent=Smp_005230.1
SM_V9_1 Liftoff CDS     48967201        48967403        .       -
        1       Parent=Smp_005230.1
SM_V9_1 Liftoff CDS     48967998        48968128        .       -
        0       Parent=Smp_005230.1
SM_V9_1 Liftoff CDS     48968162        48968257        .       -
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SM_V9_1 Liftoff gene    48981467        48984565        .       -
        .       ID=Smp_124890;geneID=Smp_124890
SM_V9_1 Liftoff mRNA    48981467        48984565        .       -
        .
ID=Smp_124890.1;Parent=Smp_124890;geneID=Smp_124890;product=Mitochon
drial fission 1 protein
SM_V9_1 Liftoff exon    48981467        48981627        .       -
        .       Parent=Smp_124890.1
SM_V9_1 Liftoff exon    48981831        48982002        .       -
        .       Parent=Smp_124890.1
SM_V9_1 Liftoff exon    48982708        48984565        .       -
        .       Parent=Smp_124890.1
SM_V9_1 Liftoff CDS     48981512        48981627        .       -
        2       Parent=Smp_124890.1
SM_V9_1 Liftoff CDS     48981831        48982002        .       -
        0       Parent=Smp_124890.1
SM_V9_1 Liftoff CDS     48982708        48982731        .       -
        0       Parent=Smp_124890.1
SM_V9_1 Liftoff gene    48990119        49006442        .       +
        .       ID=Smp_173360;geneID=Smp_173360
SM_V9_1 Liftoff mRNA    48990119        49006442        .       +
        .
ID=Smp_173360.2;Parent=Smp_173360;geneID=Smp_173360;product=Mitochon
drial fission 1 protein
SM_V9_1 Liftoff exon    48990119        48990509        .       +
        .       Parent=Smp_173360.2
SM_V9_1 Liftoff exon    48991215        48991386        .       +
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SM_V9_1 Liftoff exon    49006282        49006442        .       +
        .       Parent=Smp_173360.2
SM_V9_1 Liftoff CDS     48990486        48990509        .       +
        0       Parent=Smp_173360.2
SM_V9_1 Liftoff CDS     48991215        48991386        .       +
        0       Parent=Smp_173360.2
SM_V9_1 Liftoff CDS     49006282        49006397        .       +
        2       Parent=Smp_173360.2
SM_V9_1 Liftoff mRNA    49005129        49006442        .       +
        .
ID=Smp_173360.1;Parent=Smp_173360;geneID=Smp_173360;product=Mitochon
drial fission 1 protein
SM_V9_1 Liftoff exon    49005129        49005201        .       +
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SM_V9_1 Liftoff exon    49006282        49006442        .       +
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SM_V9_1 Liftoff CDS     49005178        49005201        .       +
        0       Parent=Smp_173360.1
SM_V9_1 Liftoff CDS     49005907        49006078        .       +
        0       Parent=Smp_173360.1
SM_V9_1 Liftoff CDS     49006282        49006397        .       +
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        .       ID=Smp_093440;geneID=Smp_093440
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        .
ID=Smp_093440.1;Parent=Smp_093440;geneID=Smp_093440;product=40S
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S5a;polypeptide_domain=InterPro:IPR000235,IPR005716,IPR020606,IPR023
798
Pfam:PF00177;Ontology_term=GO:0003723,GO:0003735,GO:0006412,GO:00159
35
SM_V9_1 Liftoff exon    49030240        49030340        .       -
        .       Parent=Smp_093440.1
SM_V9_1 Liftoff exon    49030379        49030606        .       -
        .       Parent=Smp_093440.1
SM_V9_1 Liftoff exon    49030719        49030928        .       -
        .       Parent=Smp_093440.1
SM_V9_1 Liftoff exon    49030964        49031101        .       -
        .       Parent=Smp_093440.1
SM_V9_1 Liftoff CDS     49030272        49030340        .       -
        0       Parent=Smp_093440.1
SM_V9_1 Liftoff CDS     49030379        49030606        .       -
        0       Parent=Smp_093440.1
SM_V9_1 Liftoff CDS     49030719        49030928        .       -
        0       Parent=Smp_093440.1
SM_V9_1 Liftoff CDS     49030964        49031041        .       -
        0       Parent=Smp_093440.1
SM_V9_1 Liftoff gene    49050375        49058871        .       -
        .       ID=Smp_005210;geneID=Smp_005210
SM_V9_1 Liftoff mRNA    49050375        49058871        .       -
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Statement;polypeptide_domain=InterPro:IPR000286,IPR003084,IPR023801
Pfam:PF00850;Ontology_term=GO:0004407,GO:0016575
SM_V9_1 Liftoff exon    49050375        49050934        .       -
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SM_V9_1 Liftoff exon    49051739        49052055        .       -
        .       Parent=Smp_005210.1
SM_V9_1 Liftoff exon    49055068        49055316        .       -
        .       Parent=Smp_005210.1
SM_V9_1 Liftoff exon    49055621        49055777        .       -
        .       Parent=Smp_005210.1
SM_V9_1 Liftoff exon    49055811        49055999        .       -
        .       Parent=Smp_005210.1
SM_V9_1 Liftoff exon    49056032        49058871        .       -
        .       Parent=Smp_005210.1
SM_V9_1 Liftoff CDS     49050839        49050934        .       -
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SM_V9_1 Liftoff CDS     49051739        49052055        .       -
        2       Parent=Smp_005210.1
SM_V9_1 Liftoff CDS     49055068        49055316        .       -
        2       Parent=Smp_005210.1
SM_V9_1 Liftoff CDS     49055621        49055777        .       -
        0       Parent=Smp_005210.1
SM_V9_1 Liftoff CDS     49055811        49055999        .       -
        0       Parent=Smp_005210.1
SM_V9_1 Liftoff CDS     49056032        49056433        .       -
        0       Parent=Smp_005210.1
SM_V9_1 iris    gene    49058965        49121348        .       +
        .
ID=Smp_005190;geneID=Smp_005190;gene_name=Smp_005190;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49058965        49121348        .       +
        .
ID=Smp_005190.1;Parent=Smp_005190;geneID=Smp_005190;gene_name=Smp_00
5190;owner=irisadmin@local.host;orig_id=Smp_005190.1;date_last_modif
ied=2022-08-01;Name=Smp_005190.1;product=Mitogen-activated protein
kinase kinase kinase kinase 5;date_creation=2022-07-28
SM_V9_1 iris    exon    49058965        49059121        .       +
        .       Parent=Smp_005190.1;Name=8fccb585-1572-47c5-8cae-
c8426b1b5607
SM_V9_1 iris    exon    49068474        49068622        .       +
        .       Parent=Smp_005190.1;Name=4e91053b-cccb-40f8-b715-
ea509e7d5348
SM_V9_1 iris    exon    49068668        49068732        .       +
        .       Parent=Smp_005190.1;Name=f24a5488-46d1-41d1-9a18-
f6bd92db3149
SM_V9_1 iris    exon    49068786        49068892        .       +
        .       Parent=Smp_005190.1;Name=3b5cc57d-f460-4b4b-a9b3-
a180b667e249
SM_V9_1 iris    exon    49068936        49068978        .       +
        .       Parent=Smp_005190.1;Name=ce0587a5-ccf8-4169-820a-
cf4af25297c3
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SM_V9_1 iris    exon    49069036        49069108        .       +
        .       Parent=Smp_005190.1;Name=d22fe861-dac3-409f-b18c-
c6ed503dacfe
SM_V9_1 iris    exon    49070186        49070320        .       +
        .       Parent=Smp_005190.1;Name=cfc49779-5ed5-4c27-
a698-0ed4e5b61029
SM_V9_1 iris    exon    49070428        49070490        .       +
        .
Parent=Smp_005190.1;Name=21a40384-003b-44c2-9db2-4c8893ad21a8
SM_V9_1 iris    exon    49076076        49076157        .       +
        .       Parent=Smp_005190.1;Name=30ae201e-
cac5-4728-8ec9-077641a72cb3
SM_V9_1 iris    exon    49077238        49077630        .       +
        .       Parent=Smp_005190.1;Name=1f2d94d5-6e35-4876-
b383-390f3e210e72
SM_V9_1 iris    exon    49079035        49079049        .       +
        .       Parent=Smp_005190.1;Name=b9417c3f-ef6c-4e5b-a109-
b5fbf93c1ca3
SM_V9_1 iris    exon    49080643        49081206        .       +
        .       Parent=Smp_005190.1;Name=193fe87d-d76c-49d0-8b12-
c2e8ea4b1db4
SM_V9_1 iris    exon    49082205        49082284        .       +
        .       Parent=Smp_005190.1;Name=9c16584e-a4d0-4dfb-b2de-
e1473c5440f9
SM_V9_1 iris    exon    49082675        49082714        .       +
        .       Parent=Smp_005190.1;Name=1816dff4-8fa1-4263-
b346-94540838fe7f
SM_V9_1 iris    exon    49083747        49084394        .       +
        .       Parent=Smp_005190.1;Name=b2d8740d-29ae-4c03-9669-
d09a274c9254
SM_V9_1 iris    exon    49085448        49085532        .       +
        .
Parent=Smp_005190.1;Name=b98ef2eb-1d5c-4e44-9e56-7314edccb31b
SM_V9_1 iris    exon    49091762        49091841        .       +
        .       Parent=Smp_005190.1;Name=0d0765c6-bec6-483a-ba5f-
a1f7f5ed4767
SM_V9_1 iris    exon    49094504        49094643        .       +
        .       Parent=Smp_005190.1;Name=57705713-f092-4591-
bbfa-61ae1a26cf55
SM_V9_1 iris    exon    49097859        49098024        .       +
        .
Parent=Smp_005190.1;Name=f7410a57-5ebb-4889-9f3b-693a778a6255
SM_V9_1 iris    exon    49103808        49103988        .       +
        .       Parent=Smp_005190.1;Name=dd6698df-d8c3-42b3-a797-
b6f018061b32
SM_V9_1 iris    exon    49110591        49110659        .       +
        .
Parent=Smp_005190.1;Name=7cd47eec-35e8-488f-855f-4d6eb4580093
SM_V9_1 iris    exon    49115307        49115402        .       +
        .
Parent=Smp_005190.1;Name=ce056ce9-75b3-47c8-9abb-43076c8428d0
SM_V9_1 iris    exon    49118761        49118828        .       +
        .       Parent=Smp_005190.1;Name=4f1b8190-46f8-4a04-9d8e-
f3d4fde72b1b
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SM_V9_1 iris    exon    49119941        49119996        .       +
        .       Parent=Smp_005190.1;Name=131d4639-9de9-462f-a3eb-
fbe89a0d2b47
SM_V9_1 iris    exon    49120346        49121348        .       +
        .       Parent=Smp_005190.1;Name=a70e9c86-42a3-4e51-87e4-
c9bad7ee8f7a
SM_V9_1 iris    CDS     49059008        49059121        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49068474        49068622        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49068668        49068732        .       +
        1       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49068786        49068892        .       +
        2       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49068936        49068978        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49069036        49069108        .       +
        2       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49070186        49070320        .       +
        1       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49070428        49070490        .       +
        1       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49076076        49076157        .       +
        1       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49077238        49077630        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49079035        49079049        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49080643        49081206        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49082205        49082284        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49082675        49082714        .       +
        1       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49083747        49084394        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49085448        49085532        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49091762        49091841        .       +
        2       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49094504        49094643        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49097859        49098024        .       +
        1       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49103808        49103988        .       +
        0       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49110591        49110659        .       +
        2       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49115307        49115402        .       +
        2       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49118761        49118828        .       +
        2       Parent=Smp_005190.1
SM_V9_1 iris    CDS     49119941        49119996        .       +
        0       Parent=Smp_005190.1
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SM_V9_1 iris    CDS     49120346        49120433        .       +
        1       Parent=Smp_005190.1
SM_V9_1 iris    mRNA    49058965        49121348        .       +
        .
ID=Smp_005190.2;Parent=Smp_005190;geneID=Smp_005190;gene_name=Smp_00
5190;owner=irisadmin@local.host;orig_id=Smp_005190.2;date_last_modif
ied=2022-08-01;Name=Smp_005190.2;product=Mitogen-activated protein
kinase kinase kinase kinase 5;date_creation=2022-07-28
SM_V9_1 iris    exon    49058965        49059121        .       +
        .       Parent=Smp_005190.2;Name=2c1fd925-a735-492c-
ba13-95f3894b4ab7
SM_V9_1 iris    exon    49068474        49068622        .       +
        .       Parent=Smp_005190.2;Name=bb8d9a61-8e5c-480d-9701-
db88acd62954
SM_V9_1 iris    exon    49068668        49068732        .       +
        .       Parent=Smp_005190.2;Name=a7385fa0-4588-46b9-
a0b0-814c3905272b
SM_V9_1 iris    exon    49068786        49068892        .       +
        .       Parent=Smp_005190.2;Name=1a0eec3f-4059-43d9-8887-
f04ca36de972
SM_V9_1 iris    exon    49068936        49068978        .       +
        .
Parent=Smp_005190.2;Name=97a2c0ba-77a3-4b26-9876-9f0b360c0155
SM_V9_1 iris    exon    49069036        49069108        .       +
        .       Parent=Smp_005190.2;Name=2575989c-def5-4e20-
a75e-59253608a078
SM_V9_1 iris    exon    49070186        49070320        .       +
        .       Parent=Smp_005190.2;Name=514ef142-
bad3-41c1-939a-1adf7df76f4c
SM_V9_1 iris    exon    49070428        49070490        .       +
        .       Parent=Smp_005190.2;Name=a7fb42c2-
e989-473b-8530-3f3c14abbc2c
SM_V9_1 iris    exon    49076076        49076157        .       +
        .       Parent=Smp_005190.2;Name=07aa566b-0a06-4911-9987-
cda1e531d1ce
SM_V9_1 iris    exon    49077238        49077630        .       +
        .       Parent=Smp_005190.2;Name=bbcfb716-756f-45cf-
b116-2caee0dbc2fc
SM_V9_1 iris    exon    49079035        49079049        .       +
        .       Parent=Smp_005190.2;Name=31fbae54-6171-4a4b-99e7-
b399da3e9c4b
SM_V9_1 iris    exon    49082205        49082284        .       +
        .       Parent=Smp_005190.2;Name=79865890-f8b3-458f-bb6b-
b2912ab73286
SM_V9_1 iris    exon    49082675        49082714        .       +
        .       Parent=Smp_005190.2;Name=566492dd-42fe-403d-8ebe-
e588df0b9147
SM_V9_1 iris    exon    49083747        49084394        .       +
        .       Parent=Smp_005190.2;Name=7f2fdf1a-
ac49-4bfc-8475-34459cd61c14
SM_V9_1 iris    exon    49085448        49085532        .       +
        .       Parent=Smp_005190.2;Name=acc5a4e5-cc01-4b23-a951-
ca21f1f4c15c
SM_V9_1 iris    exon    49091762        49091841        .       +
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        .
Parent=Smp_005190.2;Name=f86b6939-3ad6-47d3-893d-83a609da9119
SM_V9_1 iris    exon    49094504        49094643        .       +
        .       Parent=Smp_005190.2;Name=a7896877-bb70-4554-85ab-
c82fd62db2c2
SM_V9_1 iris    exon    49097859        49098024        .       +
        .
Parent=Smp_005190.2;Name=b51ecca2-7708-42e2-992b-18f5191e02a9
SM_V9_1 iris    exon    49103808        49103988        .       +
        .       Parent=Smp_005190.2;Name=49f15280-68b1-4c86-
a3d7-21a8d4b4e19f
SM_V9_1 iris    exon    49110591        49110659        .       +
        .
Parent=Smp_005190.2;Name=f3393308-9063-49b8-971f-61d91494f0bb
SM_V9_1 iris    exon    49115307        49115402        .       +
        .       Parent=Smp_005190.2;Name=4025ad76-613f-41b2-8094-
ec3a9781b920
SM_V9_1 iris    exon    49118761        49118828        .       +
        .       Parent=Smp_005190.2;Name=6a84e8ca-c0f9-4a17-8e13-
de4491517448
SM_V9_1 iris    exon    49119941        49119996        .       +
        .       Parent=Smp_005190.2;Name=0d16934b-70a5-4a6d-
b68e-2b8d672cc666
SM_V9_1 iris    exon    49120346        49121348        .       +
        .       Parent=Smp_005190.2;Name=131993cd-241e-45a7-a7f1-
ff089e706fce
SM_V9_1 iris    CDS     49059008        49059121        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49068474        49068622        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49068668        49068732        .       +
        1       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49068786        49068892        .       +
        2       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49068936        49068978        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49069036        49069108        .       +
        2       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49070186        49070320        .       +
        1       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49070428        49070490        .       +
        1       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49076076        49076157        .       +
        1       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49077238        49077630        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49079035        49079049        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49082205        49082284        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49082675        49082714        .       +
        1       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49083747        49084394        .       +
        0       Parent=Smp_005190.2
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SM_V9_1 iris    CDS     49085448        49085532        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49091762        49091841        .       +
        2       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49094504        49094643        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49097859        49098024        .       +
        1       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49103808        49103988        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49110591        49110659        .       +
        2       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49115307        49115402        .       +
        2       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49118761        49118828        .       +
        2       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49119941        49119996        .       +
        0       Parent=Smp_005190.2
SM_V9_1 iris    CDS     49120346        49120433        .       +
        1       Parent=Smp_005190.2
SM_V9_1 iris    mRNA    49058965        49121348        .       +
        .
ID=Smp_005190.3;Parent=Smp_005190;geneID=Smp_005190;gene_name=Smp_00
5190;owner=irisadmin@local.host;orig_id=Smp_005190.3;date_last_modif
ied=2022-08-01;Name=Smp_005190.3;product=Mitogen-activated protein
kinase kinase kinase kinase 5;date_creation=2022-07-28
SM_V9_1 iris    exon    49058965        49059121        .       +
        .       Parent=Smp_005190.3;Name=23fd7c9d-a258-4050-996f-
bd3d51bfc3d9
SM_V9_1 iris    exon    49068474        49068622        .       +
        .       Parent=Smp_005190.3;Name=67b3481d-7241-4283-a06f-
d0d11c7df725
SM_V9_1 iris    exon    49068668        49068732        .       +
        .
Parent=Smp_005190.3;Name=1725a212-7d28-44b6-9292-070b3ff5303a
SM_V9_1 iris    exon    49068786        49068892        .       +
        .
Parent=Smp_005190.3;Name=06cdcd9d-03b6-4601-8412-6e8230e93cfd
SM_V9_1 iris    exon    49068936        49068978        .       +
        .       Parent=Smp_005190.3;Name=d052d28f-
a573-4553-85d7-787cde4ff10c
SM_V9_1 iris    exon    49069036        49069108        .       +
        .       Parent=Smp_005190.3;Name=3fedc088-3740-41c3-8227-
c722b79c400e
SM_V9_1 iris    exon    49070186        49070320        .       +
        .
Parent=Smp_005190.3;Name=01de47db-3f27-4e7b-9963-1538a1345943
SM_V9_1 iris    exon    49070428        49070490        .       +
        .
Parent=Smp_005190.3;Name=0480d753-755e-476c-8238-1b4f8a9dbe65
SM_V9_1 iris    exon    49076076        49076157        .       +
        .       Parent=Smp_005190.3;Name=adc4f488-5fd5-4ada-a5ca-
f6a9829a34e0
SM_V9_1 iris    exon    49077238        49077630        .       +
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        .       Parent=Smp_005190.3;Name=e95a0d8f-7ad2-4eef-
af6d-78fc0bb8e3c8
SM_V9_1 iris    exon    49080643        49081206        .       +
        .
Parent=Smp_005190.3;Name=27e21bb9-0a6e-453e-90cd-98bd70fadd4e
SM_V9_1 iris    exon    49082205        49082284        .       +
        .       Parent=Smp_005190.3;Name=c3228c4a-258f-4a05-
b94a-3d158f4c9388
SM_V9_1 iris    exon    49082675        49082714        .       +
        .       Parent=Smp_005190.3;Name=b8fe0622-bdd1-4cdd-b0dc-
cea4f0289c79
SM_V9_1 iris    exon    49083747        49084394        .       +
        .       Parent=Smp_005190.3;Name=866a47e5-9a46-4d0d-b67b-
ad8f90451862
SM_V9_1 iris    exon    49085448        49085532        .       +
        .       Parent=Smp_005190.3;Name=8eeae644-118e-4905-
b860-1ebcca8bd6e4
SM_V9_1 iris    exon    49091762        49091841        .       +
        .
Parent=Smp_005190.3;Name=c6376f32-48fa-4cf0-9c76-39212b02eec6
SM_V9_1 iris    exon    49094504        49094643        .       +
        .       Parent=Smp_005190.3;Name=fd4b768d-0c47-4584-
b136-4fe9913403d4
SM_V9_1 iris    exon    49097859        49098024        .       +
        .       Parent=Smp_005190.3;Name=ce07801d-
b742-4738-8f69-761cdcfbba96
SM_V9_1 iris    exon    49103808        49103988        .       +
        .       Parent=Smp_005190.3;Name=a1943fac-91a4-44e8-
b5fc-7598b355cf42
SM_V9_1 iris    exon    49110591        49110659        .       +
        .       Parent=Smp_005190.3;Name=e1167acf-9b91-4c8e-
bfaa-9dd60feb52b6
SM_V9_1 iris    exon    49115307        49115402        .       +
        .       Parent=Smp_005190.3;Name=b663e24a-f43f-4759-
babe-8271e1ab3808
SM_V9_1 iris    exon    49118761        49118828        .       +
        .
Parent=Smp_005190.3;Name=24f0349b-6981-4725-8863-552a67582a77
SM_V9_1 iris    exon    49119941        49119996        .       +
        .       Parent=Smp_005190.3;Name=77688d09-b8bf-4d4f-
b615-9a8af4372c42
SM_V9_1 iris    exon    49120346        49121348        .       +
        .       Parent=Smp_005190.3;Name=94b9fa8a-eb9a-45c9-8f5f-
a9ce59e1db1b
SM_V9_1 iris    CDS     49059008        49059121        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49068474        49068622        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49068668        49068732        .       +
        1       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49068786        49068892        .       +
        2       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49068936        49068978        .       +
        0       Parent=Smp_005190.3
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SM_V9_1 iris    CDS     49069036        49069108        .       +
        2       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49070186        49070320        .       +
        1       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49070428        49070490        .       +
        1       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49076076        49076157        .       +
        1       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49077238        49077630        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49080643        49081206        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49082205        49082284        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49082675        49082714        .       +
        1       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49083747        49084394        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49085448        49085532        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49091762        49091841        .       +
        2       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49094504        49094643        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49097859        49098024        .       +
        1       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49103808        49103988        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49110591        49110659        .       +
        2       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49115307        49115402        .       +
        2       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49118761        49118828        .       +
        2       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49119941        49119996        .       +
        0       Parent=Smp_005190.3
SM_V9_1 iris    CDS     49120346        49120433        .       +
        1       Parent=Smp_005190.3
SM_V9_1 iris    gene    49126685        49127136        .       -
        .
ID=Smp_319320;geneID=Smp_319320;gene_name=Smp_319320;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    49126685        49127136        .       -
        .
ID=Smp_319320.1;Parent=Smp_319320;geneID=Smp_319320;gene_name=Smp_31
9320;owner=irisadmin@local.host;orig_id=Smp_319320.1;date_last_modif
ied=2022-08-01;Name=Smp_319320.1;product=Acylphosphatase-2;date_crea
tion=2022-08-01
SM_V9_1 iris    exon    49126685        49126839        .       -
        .       Parent=Smp_319320.1;Name=e43414f9-
b835-4384-8ae4-88bbb7c761fa
SM_V9_1 iris    exon    49126879        49126988        .       -
        .       Parent=Smp_319320.1;Name=b0ab1511-9531-4725-
b3b0-8d11366b9210
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SM_V9_1 iris    exon    49127024        49127040        .       -
        .
Parent=Smp_319320.1;Name=fb8b944f-9ab8-4c48-9983-59f92569e6f2
SM_V9_1 iris    exon    49127076        49127136        .       -
        .       Parent=Smp_319320.1;Name=512b10ce-feed-41f4-bd33-
b8928ab91112
SM_V9_1 iris    CDS     49126725        49126839        .       -
        1       Parent=Smp_319320.1
SM_V9_1 iris    CDS     49126879        49126988        .       -
        0       Parent=Smp_319320.1
SM_V9_1 iris    CDS     49127024        49127040        .       -
        2       Parent=Smp_319320.1
SM_V9_1 iris    CDS     49127076        49127136        .       -
        0       Parent=Smp_319320.1
SM_V9_1 Liftoff gene    49140855        49149802        .       +
        .       ID=Smp_005180;geneID=Smp_005180
SM_V9_1 Liftoff mRNA    49140855        49149802        .       +
        .
ID=Smp_005180.1;Parent=Smp_005180;geneID=Smp_005180;product=Eukaryot
ic peptide chain release factor GTP-binding subunit
ERF3A;polypeptide_domain=InterPro:IPR000795,IPR004160,IPR004161,IPR0
09000,IPR009001,IPR027417,IPR031157
Pfam:PF00009,PF03143,PF03144;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    49140855        49141087        .       +
        .       Parent=Smp_005180.1
SM_V9_1 Liftoff exon    49141126        49141169        .       +
        .       Parent=Smp_005180.1
SM_V9_1 Liftoff exon    49141205        49141307        .       +
        .       Parent=Smp_005180.1
SM_V9_1 Liftoff exon    49141345        49142090        .       +
        .       Parent=Smp_005180.1
SM_V9_1 Liftoff exon    49143746        49143874        .       +
        .       Parent=Smp_005180.1
SM_V9_1 Liftoff exon    49147029        49147238        .       +
        .       Parent=Smp_005180.1
SM_V9_1 Liftoff exon    49149036        49149802        .       +
        .       Parent=Smp_005180.1
SM_V9_1 Liftoff CDS     49140898        49141087        .       +
        0       Parent=Smp_005180.1
SM_V9_1 Liftoff CDS     49141126        49141169        .       +
        2       Parent=Smp_005180.1
SM_V9_1 Liftoff CDS     49141205        49141307        .       +
        0       Parent=Smp_005180.1
SM_V9_1 Liftoff CDS     49141345        49142090        .       +
        2       Parent=Smp_005180.1
SM_V9_1 Liftoff CDS     49143746        49143874        .       +
        0       Parent=Smp_005180.1
SM_V9_1 Liftoff CDS     49147029        49147238        .       +
        0       Parent=Smp_005180.1
SM_V9_1 Liftoff CDS     49149036        49149167        .       +
        0       Parent=Smp_005180.1
SM_V9_1 Liftoff gene    49157565        49173641        .       -
        .       ID=Smp_005160;geneID=Smp_005160
SM_V9_1 Liftoff mRNA    49157565        49173641        .       -
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        .
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046872
SM_V9_1 Liftoff exon    49157565        49158739        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff exon    49159111        49159198        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff exon    49159987        49160093        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff exon    49161389        49162193        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff exon    49166572        49166931        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff exon    49168687        49168815        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff exon    49170083        49170770        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff exon    49173467        49173641        .       -
        .       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49158558        49158739        .       -
        2       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49159111        49159198        .       -
        0       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49159987        49160093        .       -
        2       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49161389        49162193        .       -
        0       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49166572        49166931        .       -
        0       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49168687        49168815        .       -
        0       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49170083        49170770        .       -
        1       Parent=Smp_005160.1
SM_V9_1 Liftoff CDS     49173467        49173471        .       -
        0       Parent=Smp_005160.1
SM_V9_1 Liftoff mRNA    49157565        49173641        .       -
        .
ID=Smp_005160.2;Parent=Smp_005160;geneID=Smp_005160;product=Protein
muscleblind;polypeptide_domain=InterPro:IPR000571;Ontology_term=GO:0
046872
SM_V9_1 Liftoff exon    49157565        49158739        .       -
        .       Parent=Smp_005160.2
SM_V9_1 Liftoff exon    49159111        49159198        .       -
        .       Parent=Smp_005160.2
SM_V9_1 Liftoff exon    49159987        49160093        .       -
        .       Parent=Smp_005160.2
SM_V9_1 Liftoff exon    49161389        49162193        .       -
        .       Parent=Smp_005160.2
SM_V9_1 Liftoff exon    49164496        49164801        .       -
        .       Parent=Smp_005160.2
SM_V9_1 Liftoff exon    49166572        49166931        .       -
        .       Parent=Smp_005160.2
SM_V9_1 Liftoff exon    49168687        49168815        .       -
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SM_V9_1 Liftoff exon    49170083        49170770        .       -
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SM_V9_1 Liftoff exon    49173467        49173641        .       -
        .       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49158558        49158739        .       -
        2       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49159111        49159198        .       -
        0       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49159987        49160093        .       -
        2       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49161389        49162193        .       -
        0       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49164496        49164801        .       -
        0       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49166572        49166931        .       -
        0       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49168687        49168815        .       -
        0       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49170083        49170770        .       -
        1       Parent=Smp_005160.2
SM_V9_1 Liftoff CDS     49173467        49173471        .       -
        0       Parent=Smp_005160.2
SM_V9_1 Liftoff gene    49232189        49235031        .       -
        .       ID=Smp_005140;geneID=Smp_005140
SM_V9_1 Liftoff mRNA    49232189        49235031        .       -
        .
ID=Smp_005140.1;Parent=Smp_005140;geneID=Smp_005140;product=Hemicent
in-1;polypeptide_domain=InterPro:IPR000884,IPR007110,IPR013783
SM_V9_1 Liftoff exon    49232189        49235031        .       -
        .       Parent=Smp_005140.1
SM_V9_1 Liftoff CDS     49232639        49234312        .       -
        0       Parent=Smp_005140.1
SM_V9_1 iris    gene    49237781        49248471        .       -
        .
ID=Smp_124860;geneID=Smp_124860;gene_name=Smp_124860;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49237781        49248471        .       -
        .
ID=Smp_124860.1;Parent=Smp_124860;geneID=Smp_124860;gene_name=Smp_12
4860;owner=irisadmin@local.host;orig_id=Smp_124860.1;date_last_modif
ied=2022-11-12;Name=Smp_124860.1;product=Leucine carboxyl
methyltransferase 1;date_creation=2022-07-28
SM_V9_1 iris    exon    49237781        49238158        .       -
        .       Parent=Smp_124860.1;Name=34334b37-6f5a-487f-9879-
ef8e6850b27a
SM_V9_1 iris    exon    49240655        49240738        .       -
        .       Parent=Smp_124860.1;Name=76419a3c-5c29-44a4-9215-
f8781d8140b8
SM_V9_1 iris    exon    49241873        49241982        .       -
        .       Parent=Smp_124860.1;Name=6164928b-e03d-47ec-
b9f9-6854d1b02622
SM_V9_1 iris    exon    49245368        49245687        .       -
        .       Parent=Smp_124860.1;Name=0b35a18b-5bfa-4d1e-
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a28a-09d06ab7ccad
SM_V9_1 iris    exon    49248012        49248183        .       -
        .       Parent=Smp_124860.1;Name=52e22cee-172f-4798-b76f-
e80efca19bb9
SM_V9_1 iris    exon    49248222        49248471        .       -
        .
Parent=Smp_124860.1;Name=dbf333d5-34e6-4f8a-8cc6-8b5875cf77bf
SM_V9_1 iris    CDS     49238020        49238158        .       -
        1       Parent=Smp_124860.1
SM_V9_1 iris    CDS     49240655        49240738        .       -
        1       Parent=Smp_124860.1
SM_V9_1 iris    CDS     49241873        49241982        .       -
        0       Parent=Smp_124860.1
SM_V9_1 iris    CDS     49245368        49245687        .       -
        2       Parent=Smp_124860.1
SM_V9_1 iris    CDS     49248012        49248183        .       -
        0       Parent=Smp_124860.1
SM_V9_1 iris    CDS     49248222        49248443        .       -
        0       Parent=Smp_124860.1
SM_V9_1 iris    gene    49255879        49257625        .       +
        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    49255879        49257625        .       +
        .
ID=Smp_337760.1;Parent=Smp_337760;geneID=Smp_337760;gene_name=Smp_33
7760;owner=irisadmin@local.host;orig_id=Smp_337760.1;date_last_modif
ied=2022-08-01;Name=Smp_337760.1;product=Hypothetical
protein;date_creation=2022-08-01
SM_V9_1 iris    exon    49255879        49255973        .       +
        .       Parent=Smp_337760.1;Name=a4ed6056-69a8-46fe-a2df-
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SM_V9_1 iris    exon    49256022        49256183        .       +
        .       Parent=Smp_337760.1;Name=181153fe-54bd-4881-ab12-
bf7fc65658e3
SM_V9_1 iris    exon    49256214        49256277        .       +
        .
Parent=Smp_337760.1;Name=a3dad33e-8df3-4a51-8ab2-980c81bde060
SM_V9_1 iris    exon    49257204        49257625        .       +
        .       Parent=Smp_337760.1;Name=0a54d99d-
c195-4c97-9d37-369cf395bbaa
SM_V9_1 iris    CDS     49255932        49255973        .       +
        0       Parent=Smp_337760.1
SM_V9_1 iris    CDS     49256022        49256183        .       +
        0       Parent=Smp_337760.1
SM_V9_1 iris    CDS     49256214        49256249        .       +
        0       Parent=Smp_337760.1
SM_V9_1 Liftoff gene    49275204        49316491        .       -
        .       ID=Smp_124850;geneID=Smp_124850
SM_V9_1 Liftoff mRNA    49275204        49316491        .       -
        .
ID=Smp_124850.1;Parent=Smp_124850;geneID=Smp_124850;product=Tyrosine
-protein kinase
Btk29A;polypeptide_domain=InterPro:IPR000719,IPR000980,IPR001245,IPR
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001452,IPR001562,IPR001849,IPR008266,IPR011009,IPR011993,IPR017441,I
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4713,GO:0005515,GO:0005524,GO:0006468,GO:0035556
SM_V9_1 Liftoff exon    49275204        49276634        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49277531        49277691        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49282804        49283130        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49291442        49291530        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49294742        49294845        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49303588        49304050        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49305480        49305718        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49309142        49309181        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49309230        49309429        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49310840        49311504        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49311594        49311696        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49311737        49311835        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff exon    49311876        49316491        .       -
        .       Parent=Smp_124850.1
SM_V9_1 Liftoff CDS     49276557        49276634        .       -
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SM_V9_1 Liftoff CDS     49277531        49277691        .       -
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SM_V9_1 Liftoff CDS     49282804        49283130        .       -
        2       Parent=Smp_124850.1
SM_V9_1 Liftoff CDS     49291442        49291530        .       -
        1       Parent=Smp_124850.1
SM_V9_1 Liftoff CDS     49294742        49294845        .       -
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SM_V9_1 Liftoff CDS     49303588        49304050        .       -
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SM_V9_1 Liftoff CDS     49305480        49305718        .       -
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SM_V9_1 Liftoff CDS     49309142        49309181        .       -
        1       Parent=Smp_124850.1
SM_V9_1 Liftoff CDS     49309230        49309429        .       -
        0       Parent=Smp_124850.1
SM_V9_1 Liftoff CDS     49310840        49311504        .       -
        2       Parent=Smp_124850.1
SM_V9_1 Liftoff CDS     49311594        49311696        .       -
        0       Parent=Smp_124850.1
SM_V9_1 Liftoff CDS     49311737        49311835        .       -
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SM_V9_1 Liftoff CDS     49311876        49312022        .       -
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        .       ID=Smp_319330;geneID=Smp_319330
SM_V9_1 Liftoff mRNA    49320945        49322335        .       +
        .
ID=Smp_319330.1;Parent=Smp_319330;geneID=Smp_319330;product=Probable
28S rRNA (cytosine(4447)-C(5))-
methyltransferase;polypeptide_domain=InterPro:IPR001678,IPR023267,IP
R023273,IPR029063,IPR031341
Pfam:PF01189,PF17125;Ontology_term=GO:0008168
SM_V9_1 Liftoff exon    49320945        49321099        .       +
        .       Parent=Smp_319330.1
SM_V9_1 Liftoff exon    49321132        49321217        .       +
        .       Parent=Smp_319330.1
SM_V9_1 Liftoff exon    49321249        49321620        .       +
        .       Parent=Smp_319330.1
SM_V9_1 Liftoff exon    49321654        49321743        .       +
        .       Parent=Smp_319330.1
SM_V9_1 Liftoff exon    49321775        49322335        .       +
        .       Parent=Smp_319330.1
SM_V9_1 Liftoff CDS     49321006        49321099        .       +
        0       Parent=Smp_319330.1
SM_V9_1 Liftoff CDS     49321132        49321217        .       +
        2       Parent=Smp_319330.1
SM_V9_1 Liftoff CDS     49321249        49321620        .       +
        0       Parent=Smp_319330.1
SM_V9_1 Liftoff CDS     49321654        49321743        .       +
        0       Parent=Smp_319330.1
SM_V9_1 Liftoff CDS     49321775        49322104        .       +
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SM_V9_1 iris    gene    49332365        49338538        .       +
        .
ID=Smp_124840;geneID=Smp_124840;gene_name=Smp_124840;owner=irisadmin
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SM_V9_1 iris    mRNA    49332365        49338538        .       +
        .
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4840;owner=irisadmin@local.host;orig_id=Smp_124840.1;date_last_modif
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protein ligase UBR7;date_creation=2022-07-28
SM_V9_1 iris    exon    49332365        49332531        .       +
        .       Parent=Smp_124840.1;Name=878c116f-01c6-484f-
b0bc-75141565e012
SM_V9_1 iris    exon    49332582        49332779        .       +
        .       Parent=Smp_124840.1;Name=a2bfe426-
ae40-4d7b-847f-32c73801463d
SM_V9_1 iris    exon    49332816        49332905        .       +
        .       Parent=Smp_124840.1;Name=7060cb15-0ab0-443b-
b256-4ecdddecda58
SM_V9_1 iris    exon    49332940        49332993        .       +
        .
Parent=Smp_124840.1;Name=2f0f31e9-16ad-4b43-809f-4d4ade4dfcdf
SM_V9_1 iris    exon    49333027        49333434        .       +
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SM_V9_1 iris    exon    49336585        49336756        .       +
        .       Parent=Smp_124840.1;Name=f4e1af99-3f2c-43a8-a163-
f08793c917f1
SM_V9_1 iris    exon    49337927        49337988        .       +
        .
Parent=Smp_124840.1;Name=4ea46cf9-589e-4ee4-90b4-146920dd077a
SM_V9_1 iris    exon    49338345        49338538        .       +
        .       Parent=Smp_124840.1;Name=ab4d2a19-5388-4c72-8bee-
f0b8c6bce682
SM_V9_1 iris    CDS     49332406        49332531        .       +
        0       Parent=Smp_124840.1
SM_V9_1 iris    CDS     49332582        49332779        .       +
        0       Parent=Smp_124840.1
SM_V9_1 iris    CDS     49332816        49332905        .       +
        0       Parent=Smp_124840.1
SM_V9_1 iris    CDS     49332940        49332993        .       +
        0       Parent=Smp_124840.1
SM_V9_1 iris    CDS     49333027        49333434        .       +
        0       Parent=Smp_124840.1
SM_V9_1 iris    CDS     49336585        49336756        .       +
        0       Parent=Smp_124840.1
SM_V9_1 iris    CDS     49337927        49337988        .       +
        2       Parent=Smp_124840.1
SM_V9_1 iris    CDS     49338345        49338407        .       +
        0       Parent=Smp_124840.1
SM_V9_1 iris    gene    49339073        49343417        .       -
        .
ID=Smp_005080;geneID=Smp_005080;gene_name=Smp_005080;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49339073        49343417        .       -
        .
ID=Smp_005080.1;Parent=Smp_005080;geneID=Smp_005080;gene_name=Smp_00
5080;owner=irisadmin@local.host;orig_id=Smp_005080.2;date_last_modif
ied=2022-08-01;Name=Smp_005080.1;product=Probable 28S rRNA
(cytosine-C(5))-methyltransferase;date_creation=2022-07-28
SM_V9_1 iris    exon    49339073        49339287        .       -
        .       Parent=Smp_005080.1;Name=fd1ff993-eb84-402a-
b34c-156c16259627
SM_V9_1 iris    exon    49339326        49339420        .       -
        .       Parent=Smp_005080.1;Name=915bd810-53e1-4743-
bf50-7b8ff45c72a1
SM_V9_1 iris    exon    49340792        49341132        .       -
        .       Parent=Smp_005080.1;Name=f48bea70-a281-4367-9b83-
e7350cb48839
SM_V9_1 iris    exon    49342378        49342606        .       -
        .
Parent=Smp_005080.1;Name=85086dbc-0469-4c49-9233-9c7de5cc6c22
SM_V9_1 iris    exon    49342638        49342727        .       -
        .       Parent=Smp_005080.1;Name=2a7d9ab2-413c-4b88-add0-
a7dc68e50752
SM_V9_1 iris    exon    49342761        49343132        .       -
        .
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Parent=Smp_005080.1;Name=f9247209-225c-4b57-923c-579904a42246
SM_V9_1 iris    exon    49343164        49343249        .       -
        .       Parent=Smp_005080.1;Name=e15dd01a-260c-4218-
b488-06f1f51e3ef2
SM_V9_1 iris    exon    49343282        49343417        .       -
        .       Parent=Smp_005080.1;Name=0b8854ca-a9b8-4a74-
afaf-1a4ab5e47144
SM_V9_1 iris    CDS     49339149        49339287        .       -
        1       Parent=Smp_005080.1
SM_V9_1 iris    CDS     49339326        49339420        .       -
        0       Parent=Smp_005080.1
SM_V9_1 iris    CDS     49340792        49341132        .       -
        2       Parent=Smp_005080.1
SM_V9_1 iris    CDS     49342378        49342606        .       -
        0       Parent=Smp_005080.1
SM_V9_1 iris    CDS     49342638        49342727        .       -
        0       Parent=Smp_005080.1
SM_V9_1 iris    CDS     49342761        49343132        .       -
        0       Parent=Smp_005080.1
SM_V9_1 iris    CDS     49343164        49343249        .       -
        2       Parent=Smp_005080.1
SM_V9_1 iris    CDS     49343282        49343375        .       -
        0       Parent=Smp_005080.1
SM_V9_1 Liftoff gene    49351715        49360869        .       +
        .       ID=Smp_005070;geneID=Smp_005070
SM_V9_1 Liftoff mRNA    49351715        49360869        .       +
        .
ID=Smp_005070.1;Parent=Smp_005070;geneID=Smp_005070;product=Chaperon
e protein DnaJ;polypeptide_domain=InterPro:IPR001623 Pfam:PF00226
SM_V9_1 Liftoff exon    49351715        49351933        .       +
        .       Parent=Smp_005070.1
SM_V9_1 Liftoff exon    49351974        49352164        .       +
        .       Parent=Smp_005070.1
SM_V9_1 Liftoff exon    49353991        49354122        .       +
        .       Parent=Smp_005070.1
SM_V9_1 Liftoff exon    49359317        49359376        .       +
        .       Parent=Smp_005070.1
SM_V9_1 Liftoff exon    49360140        49360869        .       +
        .       Parent=Smp_005070.1
SM_V9_1 Liftoff CDS     49351781        49351933        .       +
        0       Parent=Smp_005070.1
SM_V9_1 Liftoff CDS     49351974        49352164        .       +
        0       Parent=Smp_005070.1
SM_V9_1 Liftoff CDS     49353991        49354122        .       +
        1       Parent=Smp_005070.1
SM_V9_1 Liftoff CDS     49359317        49359376        .       +
        1       Parent=Smp_005070.1
SM_V9_1 Liftoff CDS     49360140        49360200        .       +
        1       Parent=Smp_005070.1
SM_V9_1 Liftoff mRNA    49351715        49360869        .       +
        .
ID=Smp_005070.2;Parent=Smp_005070;geneID=Smp_005070;product=Chaperon
e protein DnaJ;polypeptide_domain=InterPro:IPR001623 Pfam:PF00226
SM_V9_1 Liftoff exon    49351715        49351933        .       +
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        .       Parent=Smp_005070.2
SM_V9_1 Liftoff exon    49351974        49352164        .       +
        .       Parent=Smp_005070.2
SM_V9_1 Liftoff exon    49353991        49354122        .       +
        .       Parent=Smp_005070.2
SM_V9_1 Liftoff exon    49360140        49360869        .       +
        .       Parent=Smp_005070.2
SM_V9_1 Liftoff CDS     49351781        49351933        .       +
        0       Parent=Smp_005070.2
SM_V9_1 Liftoff CDS     49351974        49352164        .       +
        0       Parent=Smp_005070.2
SM_V9_1 Liftoff CDS     49353991        49354122        .       +
        1       Parent=Smp_005070.2
SM_V9_1 Liftoff CDS     49360140        49360200        .       +
        1       Parent=Smp_005070.2
SM_V9_1 Liftoff gene    49372615        49383234        .       +
        .
ID=Smp_340120;geneID=Smp_340120;previous_systematic_id=Smp_005060
SM_V9_1 Liftoff mRNA    49372615        49383234        .       +
        .
ID=Smp_340120.1;Parent=Smp_340120;geneID=Smp_340120;product=Malectin
-B;polypeptide_domain=InterPro:IPR021720 Pfam:PF11721
SM_V9_1 Liftoff exon    49372615        49374769        .       +
        .       Parent=Smp_340120.1
SM_V9_1 Liftoff exon    49380597        49380779        .       +
        .       Parent=Smp_340120.1
SM_V9_1 Liftoff exon    49380825        49380882        .       +
        .       Parent=Smp_340120.1
SM_V9_1 Liftoff exon    49382326        49383234        .       +
        .       Parent=Smp_340120.1
SM_V9_1 Liftoff CDS     49374581        49374769        .       +
        0       Parent=Smp_340120.1
SM_V9_1 Liftoff CDS     49380597        49380779        .       +
        0       Parent=Smp_340120.1
SM_V9_1 Liftoff CDS     49380825        49380882        .       +
        0       Parent=Smp_340120.1
SM_V9_1 Liftoff CDS     49382326        49382576        .       +
        2       Parent=Smp_340120.1
SM_V9_1 iris    gene    49413836        49414365        .       -
        .
ID=Smp_004940;geneID=Smp_004940;gene_name=Smp_004940;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49413836        49414365        .       -
        .
ID=Smp_004940.1;Parent=Smp_004940;geneID=Smp_004940;gene_name=Smp_00
4940;owner=irisadmin@local.host;orig_id=Smp_004940.1;date_last_modif
ied=2022-08-01;Name=Smp_004940.1;product=60S ribosomal protein
L35;date_creation=2022-07-28
SM_V9_1 iris    exon    49413836        49414089        .       -
        .       Parent=Smp_004940.1;Name=dbbe663c-064c-4ea6-8ff8-
baa044b5d4f3
SM_V9_1 iris    exon    49414134        49414276        .       -
        .       Parent=Smp_004940.1;Name=3e7b553c-
e058-4a9f-9d5d-0c22f0a41d56
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SM_V9_1 iris    exon    49414310        49414365        .       -
        .       Parent=Smp_004940.1;Name=d7a9491b-49ff-4dd4-
a6f9-78e41b3ba807
SM_V9_1 iris    CDS     49413858        49414089        .       -
        1       Parent=Smp_004940.1
SM_V9_1 iris    CDS     49414134        49414276        .       -
        0       Parent=Smp_004940.1
SM_V9_1 iris    CDS     49414310        49414312        .       -
        0       Parent=Smp_004940.1
SM_V9_1 Liftoff gene    49431125        49444889        .       +
        .       ID=Smp_124820;geneID=Smp_124820
SM_V9_1 Liftoff mRNA    49431125        49444889        .       +
        .
ID=Smp_124820.1;Parent=Smp_124820;geneID=Smp_124820;product=Exportin
-1;polypeptide_domain=InterPro:IPR001494,IPR011989,IPR013598,IPR0148
77,IPR016024
Pfam:PF03810,PF08389,PF08767;Ontology_term=GO:0005488,GO:0006886,GO:
0008536
SM_V9_1 Liftoff exon    49431125        49432588        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49432624        49432730        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49432763        49433168        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49433206        49433279        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49433317        49433661        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49434452        49434616        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49438837        49439235        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49439974        49440153        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49440194        49440331        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49440413        49440598        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49440693        49441043        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49443013        49443163        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff exon    49444109        49444889        .       +
        .       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49432282        49432588        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49432624        49432730        .       +
        2       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49432763        49433168        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49433206        49433279        .       +
        2       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49433317        49433661        .       +
        0       Parent=Smp_124820.1
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SM_V9_1 Liftoff CDS     49434452        49434616        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49438837        49439235        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49439974        49440153        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49440194        49440331        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49440413        49440598        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49440693        49441043        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49443013        49443163        .       +
        0       Parent=Smp_124820.1
SM_V9_1 Liftoff CDS     49444109        49444527        .       +
        2       Parent=Smp_124820.1
SM_V9_1 iris    gene    49444896        49462231        .       -
        .
ID=Smp_213790;geneID=Smp_213790;gene_name=Smp_213790;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-01
SM_V9_1 iris    mRNA    49444896        49462231        .       -
        .
ID=Smp_213790.1;Parent=Smp_213790;geneID=Smp_213790;gene_name=Smp_21
3790;owner=irisadmin@local.host;orig_id=Smp_213790.1;date_last_modif
ied=2022-08-01;Name=Smp_213790.1;product=Cysteine protease
ATG4C;date_creation=2022-08-01
SM_V9_1 iris    exon    49444896        49445198        .       -
        .       Parent=Smp_213790.1;Name=72063e37-233b-4d71-9131-
f8cd569747da
SM_V9_1 iris    exon    49447509        49447762        .       -
        .       Parent=Smp_213790.1;Name=76578e6a-c6b2-4e09-9e91-
e03929940df4
SM_V9_1 iris    exon    49454653        49454761        .       -
        .
Parent=Smp_213790.1;Name=f4ee93ed-8a64-4fbe-9e16-1b540a344d1d
SM_V9_1 iris    exon    49456038        49456272        .       -
        .       Parent=Smp_213790.1;Name=7be2da7c-a34a-41b4-aefa-
a09358393e67
SM_V9_1 iris    exon    49458321        49458540        .       -
        .       Parent=Smp_213790.1;Name=ded609bb-ed29-4ea7-82a2-
ce394cf0c500
SM_V9_1 iris    exon    49458574        49458807        .       -
        .       Parent=Smp_213790.1;Name=4a760c1e-a0ac-47e6-8a91-
d6cbf6270e56
SM_V9_1 iris    exon    49461135        49461498        .       -
        .
Parent=Smp_213790.1;Name=447c299f-72de-4c23-93af-7b66085b66ca
SM_V9_1 iris    exon    49461559        49461711        .       -
        .
Parent=Smp_213790.1;Name=cbaa8c60-967c-4dd4-9eff-7d4c64647d93
SM_V9_1 iris    exon    49461745        49462002        .       -
        .       Parent=Smp_213790.1;Name=329f98a7-1440-48b6-b0ea-
f1424a723d1b
SM_V9_1 iris    exon    49462038        49462231        .       -
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        .       Parent=Smp_213790.1;Name=2866bd93-e725-4b0d-8ce4-
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SM_V9_1 iris    CDS     49444974        49445198        .       -
        0       Parent=Smp_213790.1
SM_V9_1 iris    CDS     49447509        49447762        .       -
        2       Parent=Smp_213790.1
SM_V9_1 iris    CDS     49454653        49454761        .       -
        0       Parent=Smp_213790.1
SM_V9_1 iris    CDS     49456038        49456272        .       -
        1       Parent=Smp_213790.1
SM_V9_1 iris    CDS     49458321        49458540        .       -
        2       Parent=Smp_213790.1
SM_V9_1 iris    CDS     49458574        49458807        .       -
        2       Parent=Smp_213790.1
SM_V9_1 iris    CDS     49461135        49461483        .       -
        0       Parent=Smp_213790.1
SM_V9_1 Liftoff gene    49489545        49501075        .       +
        .       ID=Smp_005000;geneID=Smp_005000
SM_V9_1 Liftoff mRNA    49489545        49501075        .       +
        .
ID=Smp_005000.1;Parent=Smp_005000;geneID=Smp_005000;product=NECAP-
like protein CG9132;polypeptide_domain=InterPro:IPR011993,IPR012466
Pfam:PF07933;Ontology_term=GO:0006897,GO:0016020
SM_V9_1 Liftoff exon    49489545        49496056        .       +
        .       Parent=Smp_005000.1
SM_V9_1 Liftoff exon    49498780        49499104        .       +
        .       Parent=Smp_005000.1
SM_V9_1 Liftoff exon    49500485        49501075        .       +
        .       Parent=Smp_005000.1
SM_V9_1 Liftoff CDS     49495686        49496056        .       +
        0       Parent=Smp_005000.1
SM_V9_1 Liftoff CDS     49498780        49499104        .       +
        1       Parent=Smp_005000.1
SM_V9_1 Liftoff CDS     49500485        49500550        .       +
        0       Parent=Smp_005000.1
SM_V9_1 iris    gene    49502955        49513592        .       -
        .
ID=Smp_004990;geneID=Smp_004990;gene_name=Smp_004990;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49502955        49513592        .       -
        .
ID=Smp_004990.1;Parent=Smp_004990;geneID=Smp_004990;gene_name=Smp_00
4990;owner=irisadmin@local.host;orig_id=Smp_004990.1;date_last_modif
ied=2022-08-01;Name=Smp_004990.1;product=T-complex protein 1 subunit
zeta;date_creation=2022-07-28
SM_V9_1 iris    exon    49502955        49503067        .       -
        .       Parent=Smp_004990.1;Name=ee34e37c-462e-4464-
b75c-1f7677273367
SM_V9_1 iris    exon    49505520        49505856        .       -
        .       Parent=Smp_004990.1;Name=5f071ef2-
cc09-48e5-9a70-808adb8f5773
SM_V9_1 iris    exon    49512173        49512320        .       -
        .       Parent=Smp_004990.1;Name=ac684275-
e49f-4775-8bc5-493b4dc3be02
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SM_V9_1 iris    exon    49512354        49512705        .       -
        .       Parent=Smp_004990.1;Name=88729d5b-2e76-43db-bc4d-
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SM_V9_1 iris    exon    49512737        49512951        .       -
        .       Parent=Smp_004990.1;Name=499f58fc-9242-4bfd-
ae6e-3a815b4acd8c
SM_V9_1 iris    exon    49512981        49513362        .       -
        .
Parent=Smp_004990.1;Name=c0179254-7468-429d-8bbc-0170c34e105f
SM_V9_1 iris    exon    49513397        49513592        .       -
        .       Parent=Smp_004990.1;Name=70fdf370-
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SM_V9_1 iris    CDS     49502995        49503067        .       -
        1       Parent=Smp_004990.1
SM_V9_1 iris    CDS     49505520        49505856        .       -
        2       Parent=Smp_004990.1
SM_V9_1 iris    CDS     49512173        49512320        .       -
        0       Parent=Smp_004990.1
SM_V9_1 iris    CDS     49512354        49512705        .       -
        1       Parent=Smp_004990.1
SM_V9_1 iris    CDS     49512737        49512951        .       -
        0       Parent=Smp_004990.1
SM_V9_1 iris    CDS     49512981        49513362        .       -
        1       Parent=Smp_004990.1
SM_V9_1 iris    CDS     49513397        49513533        .       -
        0       Parent=Smp_004990.1
SM_V9_1 iris    gene    49563403        49565350        .       +
        .
ID=Smp_127220;geneID=Smp_127220;gene_name=Smp_127220;owner=irisadmin
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SM_V9_1 iris    mRNA    49563403        49565350        .       +
        .
ID=Smp_127220.1;Parent=Smp_127220;geneID=Smp_127220;gene_name=Smp_12
7220;owner=irisadmin@local.host;orig_id=Smp_127220.1;date_last_modif
ied=2022-08-01;Name=Smp_127220.1;product=Putative cysteine ligase
BshC;date_creation=2022-07-28
SM_V9_1 iris    exon    49563403        49565350        .       +
        .       Parent=Smp_127220.1;Name=80fc5062-91fa-46dc-
b0b9-690adfa18ce3
SM_V9_1 iris    CDS     49563607        49565169        .       +
        0       Parent=Smp_127220.1
SM_V9_1 iris    gene    49605976        49614851        .       -
        .
ID=Smp_009600;geneID=Smp_009600;gene_name=Smp_009600;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49605976        49614851        .       -
        .
ID=Smp_009600.1;Parent=Smp_009600;geneID=Smp_009600;gene_name=Smp_00
9600;owner=irisadmin@local.host;orig_id=Smp_009600.1;date_last_modif
ied=2022-08-01;Name=Smp_009600.1;product=serine:threonine protein
kinase PLK1;date_creation=2022-07-28
SM_V9_1 iris    exon    49605976        49606681        .       -
        .       Parent=Smp_009600.1;Name=eedca08e-02ff-43fa-
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SM_V9_1 iris    exon    49608337        49608453        .       -
        .       Parent=Smp_009600.1;Name=6cfe4dda-bf11-466b-
a905-2d9ca945df3d
SM_V9_1 iris    exon    49613248        49613589        .       -
        .       Parent=Smp_009600.1;Name=127e28e0-f959-4cf9-9ae1-
e241100b2d32
SM_V9_1 iris    exon    49613627        49614044        .       -
        .
Parent=Smp_009600.1;Name=cf94013a-70de-41a3-82fe-60499e52ad5c
SM_V9_1 iris    exon    49614079        49614392        .       -
        .       Parent=Smp_009600.1;Name=2ec40b02-
fe1c-4458-9f28-800af1dc0e8f
SM_V9_1 iris    exon    49614428        49614652        .       -
        .       Parent=Smp_009600.1;Name=6d762a87-
d77d-46db-9a37-684d46a4fe33
SM_V9_1 iris    exon    49614686        49614851        .       -
        .       Parent=Smp_009600.1;Name=0072369b-4a8e-4b8a-
a101-4ade16999e0b
SM_V9_1 iris    CDS     49606340        49606681        .       -
        0       Parent=Smp_009600.1
SM_V9_1 iris    CDS     49608337        49608453        .       -
        0       Parent=Smp_009600.1
SM_V9_1 iris    CDS     49613248        49613589        .       -
        0       Parent=Smp_009600.1
SM_V9_1 iris    CDS     49613627        49614044        .       -
        1       Parent=Smp_009600.1
SM_V9_1 iris    CDS     49614079        49614392        .       -
        0       Parent=Smp_009600.1
SM_V9_1 iris    CDS     49614428        49614652        .       -
        0       Parent=Smp_009600.1
SM_V9_1 iris    CDS     49614686        49614784        .       -
        0       Parent=Smp_009600.1
SM_V9_1 iris    gene    49631779        49652202        .       +
        .
ID=Smp_315890;geneID=Smp_315890;gene_name=Smp_315890;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49631779        49652202        .       +
        .
ID=Smp_315890.1;Parent=Smp_315890;geneID=Smp_315890;gene_name=Smp_31
5890;owner=irisadmin@local.host;orig_id=Smp_315890.1;date_last_modif
ied=2022-08-01;Name=Smp_315890.1;product=Lysine-specific demethylase
7A;date_creation=2022-07-28
SM_V9_1 iris    exon    49631779        49631958        .       +
        .       Parent=Smp_315890.1;Name=1f720997-d440-4143-96a1-
eaa968251a34
SM_V9_1 iris    exon    49631993        49632153        .       +
        .       Parent=Smp_315890.1;Name=73af4db5-ee8c-4566-
bbaf-7cad65587ae6
SM_V9_1 iris    exon    49632187        49632328        .       +
        .       Parent=Smp_315890.1;Name=c404f972-812f-444e-9d32-
fb6f17ab17c6
SM_V9_1 iris    exon    49632357        49632576        .       +
        .       Parent=Smp_315890.1;Name=4adf626a-8b3b-4c2c-
ae88-1c6d8649b1b2
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SM_V9_1 iris    exon    49632615        49632741        .       +
        .       Parent=Smp_315890.1;Name=9806a9d3-8397-46f5-8649-
b415bc5be384
SM_V9_1 iris    exon    49632793        49632958        .       +
        .       Parent=Smp_315890.1;Name=09230f3e-1fd8-4ea6-b719-
ff956ed4dc94
SM_V9_1 iris    exon    49634635        49634741        .       +
        .
Parent=Smp_315890.1;Name=4c3129e1-6ef5-4a39-819d-1a9c64556618
SM_V9_1 iris    exon    49634851        49634948        .       +
        .       Parent=Smp_315890.1;Name=bb654cd0-4fca-4efa-
bc32-14c2d0fd5dc7
SM_V9_1 iris    exon    49636937        49637112        .       +
        .       Parent=Smp_315890.1;Name=914c49ff-6d69-4db9-9e87-
d788800c0cd1
SM_V9_1 iris    exon    49637753        49638030        .       +
        .       Parent=Smp_315890.1;Name=fe1e2542-b88b-4391-ab67-
ab540a9d18c2
SM_V9_1 iris    exon    49640434        49640604        .       +
        .
Parent=Smp_315890.1;Name=23e7bec3-99f9-4991-84bf-7b0589708594
SM_V9_1 iris    exon    49648727        49648818        .       +
        .       Parent=Smp_315890.1;Name=8c37ea01-c256-4f6e-
a0ef-489ef812bd28
SM_V9_1 iris    exon    49650231        49650291        .       +
        .
Parent=Smp_315890.1;Name=0eeb856c-07cb-4891-99d3-0e7bc324073e
SM_V9_1 iris    exon    49651041        49652202        .       +
        .       Parent=Smp_315890.1;Name=fd5e2205-81ba-4d0f-906d-
fbb8a442df31
SM_V9_1 iris    CDS     49631900        49631958        .       +
        0       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49631993        49632153        .       +
        1       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49632187        49632328        .       +
        2       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49632357        49632576        .       +
        1       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49632615        49632741        .       +
        0       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49632793        49632958        .       +
        2       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49634635        49634741        .       +
        1       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49634851        49634948        .       +
        2       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49636937        49637112        .       +
        0       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49637753        49638030        .       +
        1       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49640434        49640604        .       +
        2       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49648727        49648818        .       +
        2       Parent=Smp_315890.1
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SM_V9_1 iris    CDS     49650231        49650291        .       +
        0       Parent=Smp_315890.1
SM_V9_1 iris    CDS     49651041        49651147        .       +
        2       Parent=Smp_315890.1
SM_V9_1 iris    gene    49658733        49697957        .       +
        .
ID=Smp_127240;geneID=Smp_127240;gene_name=Smp_127240;owner=irisadmin
@local.host;date_last_modified=2022-10-25;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49658733        49697957        .       +
        .
ID=Smp_127240.1;Parent=Smp_127240;geneID=Smp_127240;gene_name=Smp_12
7240;owner=irisadmin@local.host;orig_id=Smp_127240.2;date_last_modif
ied=2022-08-02;Name=Smp_127240.1;product=Homeobox protein
six1a;date_creation=2022-07-28
SM_V9_1 iris    exon    49658733        49658951        .       +
        .       Parent=Smp_127240.1;Name=78a26463-
b656-4249-99aa-6280486b8c96
SM_V9_1 iris    exon    49658999        49659756        .       +
        .       Parent=Smp_127240.1;Name=94e59432-7440-40a5-991e-
bf5277f773bf
SM_V9_1 iris    exon    49672342        49672463        .       +
        .
Parent=Smp_127240.1;Name=a1c93a1b-5e72-450a-9e15-3ec3cb9cfdc0
SM_V9_1 iris    exon    49673773        49673855        .       +
        .       Parent=Smp_127240.1;Name=96e241b5-8365-418a-8e13-
cb526e25422e
SM_V9_1 iris    exon    49674678        49674749        .       +
        .       Parent=Smp_127240.1;Name=0403f56b-5606-46af-8b8c-
d4aabe8dd1fe
SM_V9_1 iris    exon    49676500        49676710        .       +
        .       Parent=Smp_127240.1;Name=c93f0beb-7e71-4b8d-8b2d-
faa9425c552a
SM_V9_1 iris    exon    49677890        49677995        .       +
        .       Parent=Smp_127240.1;Name=819103ba-eaa5-47e1-aaad-
a1d90746c1bc
SM_V9_1 iris    exon    49686335        49686422        .       +
        .
Parent=Smp_127240.1;Name=953d5e22-86ef-41ff-83cf-79f8b645f66b
SM_V9_1 iris    exon    49687635        49687796        .       +
        .       Parent=Smp_127240.1;Name=f9376bb0-44b5-4313-
a9c5-9a1b1b308e90
SM_V9_1 iris    exon    49694470        49697957        .       +
        .
Parent=Smp_127240.1;Name=4c26dcb0-5e03-4638-91b5-9d2d0d09abf2
SM_V9_1 iris    CDS     49659203        49659756        .       +
        0       Parent=Smp_127240.1
SM_V9_1 iris    CDS     49672342        49672351        .       +
        1       Parent=Smp_127240.1
SM_V9_1 iris    mRNA    49658766        49665003        .       +
        .
ID=Smp_127240.2;Parent=Smp_127240;geneID=Smp_127240;gene_name=Smp_12
7240;owner=irisadmin@local.host;orig_id=Smp_127240.1;date_last_modif
ied=2022-10-25;Name=Smp_127240.2;product=Homeobox protein
six1a;date_creation=2022-10-25
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SM_V9_1 iris    exon    49658766        49659756        .       +
        .       Parent=Smp_127240.2;Name=Smp_127240.2-CDS
SM_V9_1 iris    exon    49664589        49665003        .       +
        .       Parent=Smp_127240.2;Name=900ff320-ea6d-48fa-957e-
fecf525df70a
SM_V9_1 iris    CDS     49659203        49659756        .       +
        0       Parent=Smp_127240.2
SM_V9_1 iris    CDS     49664589        49664850        .       +
        1       Parent=Smp_127240.2
SM_V9_1 iris    gene    49720645        49733573        .       -
        .
ID=Smp_009630;geneID=Smp_009630;gene_name=Smp_009630;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49720645        49733573        .       -
        .
ID=Smp_009630.1;Parent=Smp_009630;geneID=Smp_009630;gene_name=Smp_00
9630;owner=irisadmin@local.host;orig_id=Smp_009630.1;date_last_modif
ied=2022-08-01;Name=Smp_009630.1;product=Homeobox protein
SIX6;date_creation=2022-07-28
SM_V9_1 iris    exon    49720645        49723684        .       -
        .       Parent=Smp_009630.1;Name=4c289327-69ef-4697-
a12c-8b25b4d06d9c
SM_V9_1 iris    exon    49731892        49733573        .       -
        .       Parent=Smp_009630.1;Name=55615977-a373-4480-
bf17-1069eeae5b3f
SM_V9_1 iris    CDS     49721797        49723684        .       -
        1       Parent=Smp_009630.1
SM_V9_1 iris    CDS     49731892        49733357        .       -
        0       Parent=Smp_009630.1
SM_V9_1 Liftoff gene    49784884        49790267        .       -
        .       ID=Smp_009650;geneID=Smp_009650
SM_V9_1 Liftoff mRNA    49784884        49790267        .       -
        .
ID=Smp_009650.1;Parent=Smp_009650;geneID=Smp_009650;product=Mitochon
drial-processing peptidase subunit
beta;polypeptide_domain=InterPro:IPR001431,IPR007863,IPR011249,IPR01
1765
Pfam:PF00675,PF05193;Ontology_term=GO:0003824,GO:0004222,GO:0006508,
GO:0046872
SM_V9_1 Liftoff exon    49784884        49785166        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49786121        49786196        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49787173        49787413        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49789015        49789372        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49789407        49789593        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49789625        49789716        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49789752        49789968        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49790004        49790144        .       -
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        .       Parent=Smp_009650.1
SM_V9_1 Liftoff exon    49790186        49790267        .       -
        .       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49785102        49785166        .       -
        2       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49786121        49786196        .       -
        0       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49787173        49787413        .       -
        1       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49789015        49789372        .       -
        2       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49789407        49789593        .       -
        0       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49789625        49789716        .       -
        2       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49789752        49789968        .       -
        0       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49790004        49790144        .       -
        0       Parent=Smp_009650.1
SM_V9_1 Liftoff CDS     49790186        49790233        .       -
        0       Parent=Smp_009650.1
SM_V9_1 iris    gene    49823997        49824777        .       +
        .
ID=Smp_032260;geneID=Smp_032260;gene_name=Smp_032260;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49823997        49824777        .       +
        .
ID=Smp_032260.1;Parent=Smp_032260;geneID=Smp_032260;gene_name=Smp_03
2260;owner=irisadmin@local.host;orig_id=Smp_032260.1;date_last_modif
ied=2022-08-01;Name=Smp_032260.1;product=ribosomal protein
L15;date_creation=2022-07-28
SM_V9_1 iris    exon    49823997        49824055        .       +
        .       Parent=Smp_032260.1;Name=220581c5-12cf-4218-b472-
fa0b2dd6fc1b
SM_V9_1 iris    exon    49824100        49824413        .       +
        .       Parent=Smp_032260.1;Name=0bbab9ee-d3d5-43a3-8ffd-
d954ee1c4e96
SM_V9_1 iris    exon    49824447        49824777        .       +
        .       Parent=Smp_032260.1;Name=321dda2e-81c5-4e13-a878-
a88c6891d20e
SM_V9_1 iris    CDS     49824105        49824413        .       +
        0       Parent=Smp_032260.1
SM_V9_1 iris    CDS     49824447        49824752        .       +
        0       Parent=Smp_032260.1
SM_V9_1 iris    gene    49857318        49869105        .       +
        .
ID=Smp_032250;geneID=Smp_032250;gene_name=Smp_032250;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    49857318        49869105        .       +
        .
ID=Smp_032250.1;Parent=Smp_032250;geneID=Smp_032250;gene_name=Smp_03
2250;owner=irisadmin@local.host;orig_id=Smp_032250.1;date_last_modif
ied=2022-08-01;Name=Smp_032250.1;product=Beta-lactamase domain-
containing protein 2;date_creation=2022-08-01
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SM_V9_1 iris    exon    49857318        49857377        .       +
        .       Parent=Smp_032250.1;Name=b89002f2-
b576-46e5-92aa-834ca9a569d0
SM_V9_1 iris    exon    49863156        49863298        .       +
        .
Parent=Smp_032250.1;Name=6ad1cb5f-1363-4c70-83ce-8d1f0f4cf15a
SM_V9_1 iris    exon    49863327        49863518        .       +
        .       Parent=Smp_032250.1;Name=fb83e1f8-
fdf3-4272-8770-528a9ea01739
SM_V9_1 iris    exon    49863551        49863641        .       +
        .       Parent=Smp_032250.1;Name=ea46a38c-4ba7-4f42-
a72f-9c32d885254b
SM_V9_1 iris    exon    49863672        49863777        .       +
        .       Parent=Smp_032250.1;Name=de65c5c1-8603-4195-82e9-
c36038bc6817
SM_V9_1 iris    exon    49863812        49863931        .       +
        .       Parent=Smp_032250.1;Name=20234315-30b6-4fed-850e-
da0b6a8cb50e
SM_V9_1 iris    exon    49864140        49864336        .       +
        .       Parent=Smp_032250.1;Name=42774f16-c8e2-4588-
b8f9-8c8c6d2b1d45
SM_V9_1 iris    exon    49865768        49866040        .       +
        .
Parent=Smp_032250.1;Name=89965622-8c6e-4181-8b66-4e81311e91aa
SM_V9_1 iris    exon    49868701        49869105        .       +
        .       Parent=Smp_032250.1;Name=343302c1-2151-43bf-8af2-
f199f0bec637
SM_V9_1 iris    CDS     49863249        49863298        .       +
        0       Parent=Smp_032250.1
SM_V9_1 iris    CDS     49863327        49863518        .       +
        1       Parent=Smp_032250.1
SM_V9_1 iris    CDS     49863551        49863641        .       +
        1       Parent=Smp_032250.1
SM_V9_1 iris    CDS     49863672        49863777        .       +
        0       Parent=Smp_032250.1
SM_V9_1 iris    CDS     49863812        49863931        .       +
        2       Parent=Smp_032250.1
SM_V9_1 iris    CDS     49864140        49864336        .       +
        2       Parent=Smp_032250.1
SM_V9_1 iris    CDS     49865768        49866040        .       +
        0       Parent=Smp_032250.1
SM_V9_1 iris    CDS     49868701        49868874        .       +
        0       Parent=Smp_032250.1
SM_V9_1 Liftoff gene    49872983        49876637        .       -
        .       ID=Smp_032240;geneID=Smp_032240
SM_V9_1 Liftoff mRNA    49872983        49876637        .       -
        .
ID=Smp_032240.1;Parent=Smp_032240;geneID=Smp_032240;product=Mitotic-
spindle organizing protein 2B;polypeptide_domain=InterPro:IPR024332
Pfam:PF12926
SM_V9_1 Liftoff exon    49872983        49873451        .       -
        .       Parent=Smp_032240.1
SM_V9_1 Liftoff exon    49874908        49876637        .       -
        .       Parent=Smp_032240.1
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SM_V9_1 Liftoff CDS     49873112        49873451        .       -
        1       Parent=Smp_032240.1
SM_V9_1 Liftoff CDS     49874908        49874984        .       -
        0       Parent=Smp_032240.1
SM_V9_1 iris    gene    49886885        49892135        .       +
        .
ID=Smp_319370;geneID=Smp_319370;gene_name=Smp_319370;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49886885        49892135        .       +
        .
ID=Smp_319370.1;Parent=Smp_319370;geneID=Smp_319370;gene_name=Smp_31
9370;owner=irisadmin@local.host;orig_id=Smp_319370.2;date_last_modif
ied=2022-08-02;Name=Smp_319370.1;product=Mitochondrial fission 1
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    49886885        49886951        .       +
        .       Parent=Smp_319370.1;Name=2245ebb7-7991-4e75-
bff6-1ebe083f585e
SM_V9_1 iris    exon    49888073        49888194        .       +
        .       Parent=Smp_319370.1;Name=4cb2697e-3c6e-451c-
aba0-2f55978bc6a4
SM_V9_1 iris    exon    49888235        49888359        .       +
        .       Parent=Smp_319370.1;Name=d989e915-884a-4735-b09d-
b5ddf1e689a3
SM_V9_1 iris    exon    49888391        49888470        .       +
        .       Parent=Smp_319370.1;Name=47f20038-fa1c-4f4d-87d6-
c1fecea1f2e1
SM_V9_1 iris    exon    49888503        49888608        .       +
        .       Parent=Smp_319370.1;Name=86447d89-7eed-4380-
a251-76764b10d400
SM_V9_1 iris    exon    49891473        49892135        .       +
        .       Parent=Smp_319370.1;Name=b9f49cac-
b2b6-43c6-91b7-4e1786dcb505
SM_V9_1 iris    CDS     49888172        49888194        .       +
        0       Parent=Smp_319370.1
SM_V9_1 iris    CDS     49888235        49888359        .       +
        1       Parent=Smp_319370.1
SM_V9_1 iris    CDS     49888391        49888470        .       +
        2       Parent=Smp_319370.1
SM_V9_1 iris    CDS     49888503        49888608        .       +
        0       Parent=Smp_319370.1
SM_V9_1 iris    CDS     49891473        49891573        .       +
        2       Parent=Smp_319370.1
SM_V9_1 Liftoff gene    49910004        49923837        .       -
        .       ID=Smp_032230;geneID=Smp_032230
SM_V9_1 Liftoff mRNA    49910004        49923837        .       -
        .
ID=Smp_032230.1;Parent=Smp_032230;geneID=Smp_032230;product=Mitochon
drial fission 1
protein;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734,IP
R028061,IPR033745 Pfam:PF14853;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    49910004        49910336        .       -
        .       Parent=Smp_032230.1
SM_V9_1 Liftoff exon    49915975        49916080        .       -
        .       Parent=Smp_032230.1
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SM_V9_1 Liftoff exon    49916113        49916192        .       -
        .       Parent=Smp_032230.1
SM_V9_1 Liftoff exon    49916224        49916356        .       -
        .       Parent=Smp_032230.1
SM_V9_1 Liftoff exon    49916389        49923837        .       -
        .       Parent=Smp_032230.1
SM_V9_1 Liftoff CDS     49910239        49910336        .       -
        2       Parent=Smp_032230.1
SM_V9_1 Liftoff CDS     49915975        49916080        .       -
        0       Parent=Smp_032230.1
SM_V9_1 Liftoff CDS     49916113        49916192        .       -
        2       Parent=Smp_032230.1
SM_V9_1 Liftoff CDS     49916224        49916356        .       -
        0       Parent=Smp_032230.1
SM_V9_1 Liftoff CDS     49916389        49916430        .       -
        0       Parent=Smp_032230.1
SM_V9_1 iris    gene    49932341        49942057        .       +
        .
ID=Smp_213170;geneID=Smp_213170;gene_name=Smp_213170;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49932341        49942057        .       +
        .
ID=Smp_213170.1;Parent=Smp_213170;geneID=Smp_213170;gene_name=Smp_21
3170;owner=irisadmin@local.host;orig_id=Smp_213170.1;date_last_modif
ied=2022-08-01;Name=Smp_213170.1;product=Testis-expressed protein
9;date_creation=2022-07-28
SM_V9_1 iris    exon    49932341        49932457        .       +
        .       Parent=Smp_213170.1;Name=9abd8954-b379-4d5a-9d23-
c762b788e18e
SM_V9_1 iris    exon    49932487        49932550        .       +
        .       Parent=Smp_213170.1;Name=214ee560-110e-4fc7-
a94a-40dcfd0a8edd
SM_V9_1 iris    exon    49932591        49932658        .       +
        .
Parent=Smp_213170.1;Name=c865ebda-59d8-441c-927f-7cc7dc8730e5
SM_V9_1 iris    exon    49932689        49932794        .       +
        .       Parent=Smp_213170.1;Name=a8474cb5-
f310-4632-8599-1b61c77d13fd
SM_V9_1 iris    exon    49935781        49935933        .       +
        .
Parent=Smp_213170.1;Name=91775d4e-7975-4236-8834-02c31f1ba370
SM_V9_1 iris    exon    49939233        49939406        .       +
        .       Parent=Smp_213170.1;Name=fb8f5328-
a404-49e4-8d77-3a0bf4d1a648
SM_V9_1 iris    exon    49940517        49940786        .       +
        .       Parent=Smp_213170.1;Name=f257b08f-9787-48ec-
b2fa-2c121df373d3
SM_V9_1 iris    exon    49941832        49942057        .       +
        .       Parent=Smp_213170.1;Name=1b470405-af65-414b-b8f3-
e0cfb9fa0a9c
SM_V9_1 iris    CDS     49932387        49932457        .       +
        0       Parent=Smp_213170.1
SM_V9_1 iris    CDS     49932487        49932550        .       +
        1       Parent=Smp_213170.1
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SM_V9_1 iris    CDS     49932591        49932658        .       +
        0       Parent=Smp_213170.1
SM_V9_1 iris    CDS     49932689        49932794        .       +
        1       Parent=Smp_213170.1
SM_V9_1 iris    CDS     49935781        49935933        .       +
        0       Parent=Smp_213170.1
SM_V9_1 iris    CDS     49939233        49939406        .       +
        0       Parent=Smp_213170.1
SM_V9_1 iris    CDS     49940517        49940786        .       +
        0       Parent=Smp_213170.1
SM_V9_1 iris    CDS     49941832        49941900        .       +
        0       Parent=Smp_213170.1
SM_V9_1 iris    gene    49943955        49946566        .       +
        .
ID=Smp_213160;geneID=Smp_213160;gene_name=Smp_213160;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    49943955        49946566        .       +
        .
ID=Smp_213160.1;Parent=Smp_213160;geneID=Smp_213160;gene_name=Smp_21
3160;owner=irisadmin@local.host;orig_id=Smp_213160.1;date_last_modif
ied=2022-08-01;Name=Smp_213160.1;product=TP53-regulating
kinase;date_creation=2022-07-28
SM_V9_1 iris    exon    49943955        49944487        .       +
        .       Parent=Smp_213160.1;Name=c651b844-935b-46a4-8d18-
a8d0acad697a
SM_V9_1 iris    exon    49946060        49946566        .       +
        .
Parent=Smp_213160.1;Name=3737b8ff-2cb6-4e67-8f8d-9bbb54371518
SM_V9_1 iris    CDS     49943963        49944487        .       +
        0       Parent=Smp_213160.1
SM_V9_1 iris    CDS     49946060        49946464        .       +
        0       Parent=Smp_213160.1
SM_V9_1 Liftoff gene    50027151        50031359        .       +
        .       ID=Smp_139620;geneID=Smp_139620
SM_V9_1 Liftoff mRNA    50027151        50031359        .       +
        .
ID=Smp_139620.1;Parent=Smp_139620;geneID=Smp_139620;product=MAGUK
p55 subfamily member
4;polypeptide_domain=InterPro:IPR001478;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    50027151        50027417        .       +
        .       Parent=Smp_139620.1
SM_V9_1 Liftoff exon    50028946        50029646        .       +
        .       Parent=Smp_139620.1
SM_V9_1 Liftoff exon    50029731        50029773        .       +
        .       Parent=Smp_139620.1
SM_V9_1 Liftoff exon    50030202        50030545        .       +
        .       Parent=Smp_139620.1
SM_V9_1 Liftoff exon    50030695        50031359        .       +
        .       Parent=Smp_139620.1
SM_V9_1 Liftoff CDS     50027278        50027417        .       +
        0       Parent=Smp_139620.1
SM_V9_1 Liftoff CDS     50028946        50029646        .       +
        1       Parent=Smp_139620.1
SM_V9_1 Liftoff CDS     50029731        50029773        .       +
```

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        2       Parent=Smp_139620.1
SM_V9_1 Liftoff CDS     50030202        50030545        .       +
        1       Parent=Smp_139620.1
SM_V9_1 Liftoff CDS     50030695        50030912        .       +
        2       Parent=Smp_139620.1
SM_V9_1 Liftoff gene    50084908        50087106        .       +
        .       ID=Smp_319390;geneID=Smp_319390
SM_V9_1 Liftoff mRNA    50084908        50087106        .       +
        .
ID=Smp_319390.1;Parent=Smp_319390;geneID=Smp_319390;product=Protein
Lines homolog 1;polypeptide_domain=InterPro:IPR032794 Pfam:PF14694
SM_V9_1 Liftoff exon    50084908        50085111        .       +
        .       Parent=Smp_319390.1
SM_V9_1 Liftoff exon    50085157        50085349        .       +
        .       Parent=Smp_319390.1
SM_V9_1 Liftoff exon    50086677        50087106        .       +
        .       Parent=Smp_319390.1
SM_V9_1 Liftoff CDS     50085075        50085111        .       +
        0       Parent=Smp_319390.1
SM_V9_1 Liftoff CDS     50085157        50085349        .       +
        2       Parent=Smp_319390.1
SM_V9_1 Liftoff CDS     50086677        50087067        .       +
        1       Parent=Smp_319390.1
SM_V9_1 iris    gene    50091114        50091838        .       -
        .
ID=Smp_032180;geneID=Smp_032180;gene_name=Smp_032180;owner=irisadmin
@local.host;date_last_modified=2022-10-25;date_creation=2022-10-25
SM_V9_1 iris    mRNA    50091114        50091838        .       -
        .
ID=Smp_032180.1;Parent=Smp_032180;geneID=Smp_032180;gene_name=Smp_03
2180;owner=irisadmin@local.host;orig_id=Smp_032180.1;date_last_modif
ied=2022-10-25;Name=Smp_032180.1;product=ADP-ribosylation factor
1;date_creation=2022-10-25
SM_V9_1 iris    exon    50091114        50091305        .       -
        .       Parent=Smp_032180.1;Name=c91aad39-b1f6-4fbf-85fc-
f1f4bc20ef62
SM_V9_1 iris    exon    50091344        50091468        .       -
        .       Parent=Smp_032180.1;Name=08397f4d-e740-4823-
a068-53975caa794d
SM_V9_1 iris    exon    50091505        50091838        .       -
        .       Parent=Smp_032180.1;Name=689c8aa5-552a-4d80-89ba-
b891e161533d
SM_V9_1 iris    CDS     50091144        50091305        .       -
        0       Parent=Smp_032180.1
SM_V9_1 iris    CDS     50091344        50091468        .       -
        2       Parent=Smp_032180.1
SM_V9_1 iris    CDS     50091505        50091763        .       -
        0       Parent=Smp_032180.1
SM_V9_1 iris    gene    50097980        50110204        .       -
        .
ID=Smp_309610;geneID=Smp_309610;gene_name=Smp_309610;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50097980        50110204        .       -
        .
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ID=Smp_309610.1;Parent=Smp_309610;geneID=Smp_309610;gene_name=Smp_30
9610;owner=irisadmin@local.host;orig_id=Smp_309610.2;date_last_modif
ied=2022-08-01;Name=Smp_309610.1;product=Protein Lines homolog
1;date_creation=2022-07-28
SM_V9_1 iris    exon    50097980        50098409        .       -
        .       Parent=Smp_309610.1;Name=fb8755e4-55e2-4d41-
bb9f-9a26e6715a64
SM_V9_1 iris    exon    50099737        50099929        .       -
        .       Parent=Smp_309610.1;Name=6f22de3c-3e81-4ab4-891a-
e331b06e6ba3
SM_V9_1 iris    exon    50101343        50101742        .       -
        .       Parent=Smp_309610.1;Name=bd60a5c3-32c9-4bc3-bb05-
a92625dda1e3
SM_V9_1 iris    exon    50107166        50107306        .       -
        .
Parent=Smp_309610.1;Name=97eb1829-0d51-4a38-85b3-54d9588c4746
SM_V9_1 iris    exon    50109183        50109395        .       -
        .       Parent=Smp_309610.1;Name=213c95b4-c76c-41f3-
aad4-4c923a22cf21
SM_V9_1 iris    exon    50109439        50110066        .       -
        .       Parent=Smp_309610.1;Name=bfcc3e83-891b-47fd-
bc20-60f32ce1f334
SM_V9_1 iris    exon    50110103        50110204        .       -
        .       Parent=Smp_309610.1;Name=e30f515e-00f7-4751-b425-
b17a6c7d8f4a
SM_V9_1 iris    CDS     50098019        50098409        .       -
        1       Parent=Smp_309610.1
SM_V9_1 iris    CDS     50099737        50099929        .       -
        2       Parent=Smp_309610.1
SM_V9_1 iris    CDS     50101343        50101742        .       -
        0       Parent=Smp_309610.1
SM_V9_1 iris    CDS     50107166        50107306        .       -
        0       Parent=Smp_309610.1
SM_V9_1 iris    CDS     50109183        50109395        .       -
        0       Parent=Smp_309610.1
SM_V9_1 iris    CDS     50109439        50109798        .       -
        0       Parent=Smp_309610.1
SM_V9_1 Liftoff gene    50119868        50154202        .       +
        .       ID=Smp_139600;geneID=Smp_139600
SM_V9_1 Liftoff mRNA    50119868        50154202        .       +
        .
ID=Smp_139600.1;Parent=Smp_139600;geneID=Smp_139600;product=Zinc
finger protein
Gfi-1b;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096,PF12874,PF13894;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    50119868        50121884        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50124525        50124676        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50130739        50130850        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50139125        50139211        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50144729        50144815        .       +
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        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50145274        50145360        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50146312        50146398        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50147270        50147356        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50148985        50149230        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50149934        50150242        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50150762        50150875        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50152009        50152095        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff exon    50153193        50154202        .       +
        .       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50121827        50121884        .       +
        0       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50124525        50124676        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50130739        50130850        .       +
        0       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50139125        50139211        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50144729        50144815        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50145274        50145360        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50146312        50146398        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50147270        50147356        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50148985        50149230        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50149934        50150242        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50150762        50150875        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50152009        50152095        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff CDS     50153193        50153437        .       +
        2       Parent=Smp_139600.1
SM_V9_1 Liftoff gene    50164350        50170724        .       -
        .       ID=Smp_032150;geneID=Smp_032150
SM_V9_1 Liftoff mRNA    50164350        50170724        .       -
        .
ID=Smp_032150.1;Parent=Smp_032150;geneID=Smp_032150;product=Charged
multivesicular body protein 3;polypeptide_domain=InterPro:IPR005024
Pfam:PF03357;Ontology_term=GO:0007034
SM_V9_1 Liftoff exon    50164350        50165070        .       -
        .       Parent=Smp_032150.1
SM_V9_1 Liftoff exon    50170234        50170724        .       -
        .       Parent=Smp_032150.1
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SM_V9_1 Liftoff CDS     50164768        50165070        .       -
        0       Parent=Smp_032150.1
SM_V9_1 Liftoff CDS     50170234        50170584        .       -
        0       Parent=Smp_032150.1
SM_V9_1 Liftoff gene    50188031        50188276        .       +
        .       ID=Smp_139590;geneID=Smp_139590
SM_V9_1 Liftoff mRNA    50188031        50188276        .       +
        .
ID=Smp_139590.1;Parent=Smp_139590;geneID=Smp_139590;product=Ubiquino
ne biosynthesis protein COQ4, mitochondrial
SM_V9_1 Liftoff exon    50188031        50188276        .       +
        .       Parent=Smp_139590.1
SM_V9_1 Liftoff CDS     50188031        50188276        .       +
        0       Parent=Smp_139590.1
SM_V9_1 Liftoff gene    50190167        50191224        .       -
        .       ID=Smp_139580;geneID=Smp_139580
SM_V9_1 Liftoff mRNA    50190167        50191224        .       -
        .
ID=Smp_139580.1;Parent=Smp_139580;geneID=Smp_139580;product=UPF0317
protein
Jann_2570;polypeptide_domain=InterPro:IPR002775;Ontology_term=GO:000
3676
SM_V9_1 Liftoff exon    50190167        50190401        .       -
        .       Parent=Smp_139580.1
SM_V9_1 Liftoff exon    50190569        50190790        .       -
        .       Parent=Smp_139580.1
SM_V9_1 Liftoff exon    50190826        50191224        .       -
        .       Parent=Smp_139580.1
SM_V9_1 Liftoff CDS     50190285        50190401        .       -
        0       Parent=Smp_139580.1
SM_V9_1 Liftoff CDS     50190569        50190790        .       -
        0       Parent=Smp_139580.1
SM_V9_1 Liftoff CDS     50190826        50190987        .       -
        0       Parent=Smp_139580.1
SM_V9_1 Liftoff gene    50196808        50198631        .       +
        .       ID=Smp_032120;geneID=Smp_032120
SM_V9_1 Liftoff mRNA    50196808        50198631        .       +
        .
ID=Smp_032120.1;Parent=Smp_032120;geneID=Smp_032120;product=UPF0317
protein
Jann_2570;polypeptide_domain=InterPro:IPR002775;Ontology_term=GO:000
3676
SM_V9_1 Liftoff exon    50196808        50197970        .       +
        .       Parent=Smp_032120.1
SM_V9_1 Liftoff exon    50198006        50198227        .       +
        .       Parent=Smp_032120.1
SM_V9_1 Liftoff exon    50198395        50198631        .       +
        .       Parent=Smp_032120.1
SM_V9_1 Liftoff CDS     50197809        50197970        .       +
        0       Parent=Smp_032120.1
SM_V9_1 Liftoff CDS     50198006        50198227        .       +
        0       Parent=Smp_032120.1
SM_V9_1 Liftoff CDS     50198395        50198511        .       +
        0       Parent=Smp_032120.1
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SM_V9_1 Liftoff mRNA    50196808        50198631        .       +
       .
ID=Smp_032120.2;Parent=Smp_032120;geneID=Smp_032120;product=Gamma-
secretase subunit PEN-2;polypeptide_domain=InterPro:IPR019379
Pfam:PF10251
SM_V9_1 Liftoff exon    50196808        50197489        .       +
       .       Parent=Smp_032120.2
SM_V9_1 Liftoff exon    50197531        50197635        .       +
       .       Parent=Smp_032120.2
SM_V9_1 Liftoff exon    50197670        50198631        .       +
       .       Parent=Smp_032120.2
SM_V9_1 Liftoff CDS     50197429        50197489        .       +
       0       Parent=Smp_032120.2
SM_V9_1 Liftoff CDS     50197531        50197635        .       +
       2       Parent=Smp_032120.2
SM_V9_1 Liftoff CDS     50197670        50197809        .       +
       2       Parent=Smp_032120.2
SM_V9_1 iris    gene    50204667        50232494        .       +
       .
ID=Smp_212830;geneID=Smp_212830;gene_name=Smp_212830;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50204667        50232494        .       +
       .
ID=Smp_212830.1;Parent=Smp_212830;geneID=Smp_212830;gene_name=Smp_21
2830;owner=irisadmin@local.host;orig_id=Smp_212830.1;date_last_modif
ied=2022-08-01;Name=Smp_212830.1;product=GATOR complex protein
NPRL3;date_creation=2022-07-28
SM_V9_1 iris    exon    50204667        50204937        .       +
       .       Parent=Smp_212830.1;Name=a53f07bf-c733-49cc-8a64-
dc0c804a86e5
SM_V9_1 iris    exon    50208238        50208352        .       +
       .       Parent=Smp_212830.1;Name=ccd7c7b0-ec1a-43f2-
afae-988fa3a845a6
SM_V9_1 iris    exon    50209760        50210146        .       +
       .
Parent=Smp_212830.1;Name=e8d58af7-228b-4b41-97a7-32592c3dfd95
SM_V9_1 iris    exon    50210821        50211033        .       +
       .       Parent=Smp_212830.1;Name=2e41b999-73f9-4dd4-ae5e-
b4a8db3cf9ed
SM_V9_1 iris    exon    50212539        50213036        .       +
       .       Parent=Smp_212830.1;Name=9802df5d-
e324-4839-9a6b-43a3a7fd5ddb
SM_V9_1 iris    exon    50215123        50215340        .       +
       .
Parent=Smp_212830.1;Name=ff5f27b4-810f-4e42-83e8-8fb0db7b4b30
SM_V9_1 iris    exon    50227793        50228027        .       +
       .       Parent=Smp_212830.1;Name=4db404ef-1774-47d8-b94e-
fe9856b59c65
SM_V9_1 iris    exon    50228386        50228583        .       +
       .       Parent=Smp_212830.1;Name=e00653b5-69eb-4cae-
ad86-62fecf664046
SM_V9_1 iris    exon    50231362        50232494        .       +
       .       Parent=Smp_212830.1;Name=954503e8-279e-410a-9b25-
b3dea3511f1c
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SM_V9_1 iris    CDS     50204711        50204937        .       +
        0       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50208238        50208352        .       +
        1       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50209760        50210146        .       +
        0       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50210821        50211033        .       +
        0       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50212539        50213036        .       +
        0       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50215123        50215340        .       +
        0       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50227793        50228027        .       +
        1       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50228386        50228583        .       +
        0       Parent=Smp_212830.1
SM_V9_1 iris    CDS     50231362        50231901        .       +
        0       Parent=Smp_212830.1
SM_V9_1 Liftoff gene    50221565        50223054        .       -
        .
ID=Smp_316850;geneID=Smp_316850;previous_systematic_id=Smp_139560
SM_V9_1 Liftoff mRNA    50221565        50223054        .       -
        .
ID=Smp_316850.1;Parent=Smp_316850;geneID=Smp_316850;product=Cysteiny
l leukotriene receptor
1;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    50221565        50223054        .       -
        .       Parent=Smp_316850.1
SM_V9_1 Liftoff CDS     50221637        50222872        .       -
        0       Parent=Smp_316850.1
SM_V9_1 Liftoff gene    50240368        50276519        .       +
        .       ID=Smp_139540;geneID=Smp_139540
SM_V9_1 Liftoff mRNA    50240368        50276519        .       +
        .
ID=Smp_139540.1;Parent=Smp_139540;geneID=Smp_139540;product=Protein
transport protein SEC22
SM_V9_1 Liftoff exon    50240368        50240629        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50240665        50240841        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50242770        50243016        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50243106        50243159        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50246041        50246120        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50251350        50251601        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50257714        50257840        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50257880        50257963        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50259606        50259921        .       +
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        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50264025        50264596        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50265959        50266170        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50266657        50266851        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50268164        50268224        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50269081        50269304        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50270360        50270514        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50272951        50273233        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff exon    50275010        50276519        .       +
        .       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50240549        50240629        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50240665        50240841        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50242770        50243016        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50243106        50243159        .       +
        2       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50246041        50246120        .       +
        2       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50251350        50251601        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50257714        50257840        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50257880        50257963        .       +
        2       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50259606        50259921        .       +
        2       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50264025        50264596        .       +
        1       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50265959        50266170        .       +
        2       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50266657        50266851        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50268164        50268224        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50269081        50269304        .       +
        2       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50270360        50270514        .       +
        0       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50272951        50273233        .       +
        1       Parent=Smp_139540.1
SM_V9_1 Liftoff CDS     50275010        50275750        .       +
        0       Parent=Smp_139540.1
SM_V9_1 iris    gene    50323948        50346017        .       +
        .
ID=Smp_139530;geneID=Smp_139530;gene_name=Smp_139530;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50323948        50346017        .       +
        .
ID=Smp_139530.1;Parent=Smp_139530;geneID=Smp_139530;gene_name=Smp_13
9530;owner=irisadmin@local.host;orig_id=Smp_139530.1;date_last_modif
ied=2022-08-01;Name=Smp_139530.1;product=cellular tumor antigen P53,
putative;date_creation=2022-07-28
SM_V9_1 iris    exon    50323948        50324590        .       +
        .
Parent=Smp_139530.1;Name=b1743f3b-1d62-4604-93e2-80f1ba261bc2
SM_V9_1 iris    exon    50326212        50326417        .       +
        .       Parent=Smp_139530.1;Name=f5025efb-1b0e-495f-8669-
d3fa2b28a997
SM_V9_1 iris    exon    50330038        50330134        .       +
        .       Parent=Smp_139530.1;Name=c33b4db0-a5c3-4f20-
b5ba-3f2451a5e198
SM_V9_1 iris    exon    50331152        50331312        .       +
        .       Parent=Smp_139530.1;Name=60758a08-0bf2-4890-93f4-
e0b07735f0fb
SM_V9_1 iris    exon    50333276        50333418        .       +
        .       Parent=Smp_139530.1;Name=fecb73ac-abd3-4946-b2ae-
f2c1b9dff0da
SM_V9_1 iris    exon    50334398        50334521        .       +
        .       Parent=Smp_139530.1;Name=00191364-
bee1-448f-9bb5-82099c5e8139
SM_V9_1 iris    exon    50337831        50337991        .       +
        .       Parent=Smp_139530.1;Name=4a063eb6-a33f-450e-b446-
fc7068eb4b7a
SM_V9_1 iris    exon    50338993        50339710        .       +
        .       Parent=Smp_139530.1;Name=fc2fc9ea-1adf-4408-a44c-
b66e99c505cd
SM_V9_1 iris    exon    50342242        50343475        .       +
        .       Parent=Smp_139530.1;Name=4f39a8b3-2b67-4d18-b61d-
cdf9959a523a
SM_V9_1 iris    exon    50344943        50346017        .       +
        .       Parent=Smp_139530.1;Name=2bb031df-5347-49c1-b45a-
ceac3c700021
SM_V9_1 iris    CDS     50324324        50324590        .       +
        0       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50326212        50326417        .       +
        0       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50330038        50330134        .       +
        1       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50331152        50331312        .       +
        0       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50333276        50333418        .       +
        1       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50334398        50334521        .       +
        2       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50337831        50337991        .       +
        1       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50338993        50339710        .       +
        2       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50342242        50343475        .       +
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        1       Parent=Smp_139530.1
SM_V9_1 iris    CDS     50344943        50345023        .       +
        0       Parent=Smp_139530.1
SM_V9_1 iris    gene    50355798        50362880        .       +
        .
ID=Smp_032060;geneID=Smp_032060;gene_name=Smp_032060;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    50355798        50362880        .       +
        .
ID=Smp_032060.1;Parent=Smp_032060;geneID=Smp_032060;gene_name=Smp_03
2060;owner=irisadmin@local.host;orig_id=Smp_032060.1;date_last_modif
ied=2022-08-01;Name=Smp_032060.1;product=Splicing factor 3B subunit
6-like protein;date_creation=2022-08-01
SM_V9_1 iris    exon    50355798        50355857        .       +
        .       Parent=Smp_032060.1;Name=534d4c86-90fe-491c-
ba21-4441bb21d048
SM_V9_1 iris    exon    50361767        50362024        .       +
        .
Parent=Smp_032060.1;Name=50a3b8f8-5f19-4f96-9ede-236f50b3935a
SM_V9_1 iris    exon    50362546        50362880        .       +
        .       Parent=Smp_032060.1;Name=91c0590b-7df0-46ea-
b4d0-2af3eaa1aab5
SM_V9_1 iris    CDS     50355834        50355857        .       +
        0       Parent=Smp_032060.1
SM_V9_1 iris    CDS     50361767        50362024        .       +
        0       Parent=Smp_032060.1
SM_V9_1 iris    CDS     50362546        50362635        .       +
        0       Parent=Smp_032060.1
SM_V9_1 iris    gene    50362567        50414205        .       -
        .
ID=Smp_139520;geneID=Smp_139520;gene_name=Smp_139520;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50362567        50414205        .       -
        .
ID=Smp_139520.1;Parent=Smp_139520;geneID=Smp_139520;gene_name=Smp_13
9520;owner=irisadmin@local.host;orig_id=Smp_139520.1;date_last_modif
ied=2022-08-01;Name=Smp_139520.1;product=Epidermal growth factor
receptor kinase substrate 8-like protein 1;date_creation=2022-07-28
SM_V9_1 iris    exon    50362567        50363189        .       -
        .       Parent=Smp_139520.1;Name=dd8bb81d-0367-4537-b880-
c0867aa15a5a
SM_V9_1 iris    exon    50366964        50367111        .       -
        .       Parent=Smp_139520.1;Name=57579ceb-4862-4c04-b021-
c983ac57f02b
SM_V9_1 iris    exon    50368562        50368751        .       -
        .       Parent=Smp_139520.1;Name=feb5bc40-013e-4034-
ae80-1e515235fdf2
SM_V9_1 iris    exon    50373028        50373060        .       -
        .       Parent=Smp_139520.1;Name=49f84e09-d5c7-401b-
a83a-1e13ed562548
SM_V9_1 iris    exon    50375286        50375291        .       -
        .       Parent=Smp_139520.1;Name=a7fa9c81-abe0-4647-a68c-
e365057ec443
SM_V9_1 iris    exon    50379360        50379996        .       -
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        .       Parent=Smp_139520.1;Name=9efcb427-9c78-4788-907d-
b5d7ac77ad8d
SM_V9_1 iris    exon    50381536        50381611        .       -
        .       Parent=Smp_139520.1;Name=444c4bb6-81ab-4eea-9d62-
bd70f8637ba9
SM_V9_1 iris    exon    50382254        50382341        .       -
        .       Parent=Smp_139520.1;Name=95835994-
ed77-4d6a-96e6-5dba2d35c90e
SM_V9_1 iris    exon    50382545        50382601        .       -
        .       Parent=Smp_139520.1;Name=f8bd4f66-b6c4-462d-8a4f-
f90ee084bba0
SM_V9_1 iris    exon    50383422        50383497        .       -
        .       Parent=Smp_139520.1;Name=38d8cead-5f46-4bcb-b19f-
ac4a095599f0
SM_V9_1 iris    exon    50384853        50384873        .       -
        .       Parent=Smp_139520.1;Name=90483593-647f-473e-
bcdd-133536c62923
SM_V9_1 iris    exon    50387509        50387617        .       -
        .       Parent=Smp_139520.1;Name=b80e1ca9-4ecc-489c-9a34-
be548e37da6a
SM_V9_1 iris    exon    50391966        50392311        .       -
        .       Parent=Smp_139520.1;Name=d409f625-c7b1-41d5-8304-
fb6d259f7480
SM_V9_1 iris    exon    50405710        50405845        .       -
        .       Parent=Smp_139520.1;Name=6068c876-65de-49db-a3fd-
ffc6bc613f51
SM_V9_1 iris    exon    50413512        50413581        .       -
        .
Parent=Smp_139520.1;Name=2f8e3027-731e-4d1f-8e2b-200c68f0deb0
SM_V9_1 iris    exon    50413616        50413836        .       -
        .       Parent=Smp_139520.1;Name=685b1c38-5dd1-4b8c-
b649-3bb03ef4f4c1
SM_V9_1 iris    exon    50413873        50414053        .       -
        .       Parent=Smp_139520.1;Name=cd56a093-
b944-4e33-8531-2ce3dfc03dd0
SM_V9_1 iris    exon    50414099        50414205        .       -
        .       Parent=Smp_139520.1;Name=98285af0-a090-4ddf-a818-
cd4273b85de3
SM_V9_1 iris    CDS     50366988        50367111        .       -
        1       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50368562        50368751        .       -
        2       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50373028        50373060        .       -
        2       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50375286        50375291        .       -
        2       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50379360        50379996        .       -
        0       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50381536        50381611        .       -
        1       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50382254        50382341        .       -
        2       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50382545        50382601        .       -
        2       Parent=Smp_139520.1
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SM_V9_1 iris    CDS     50383422        50383497        .       -
        0       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50384853        50384873        .       -
        0       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50387509        50387617        .       -
        1       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50391966        50392311        .       -
        2       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50405710        50405845        .       -
        0       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50413512        50413581        .       -
        1       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50413616        50413836        .       -
        0       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50413873        50414053        .       -
        1       Parent=Smp_139520.1
SM_V9_1 iris    CDS     50414099        50414121        .       -
        0       Parent=Smp_139520.1
SM_V9_1 iris    gene    50428698        50451823        .       +
        .
ID=Smp_343320;geneID=Smp_343320;gene_name=Smp_343320;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50428698        50451823        .       +
        .
ID=Smp_343320.1;Parent=Smp_343320;geneID=Smp_343320;gene_name=Smp_34
3320;owner=irisadmin@local.host;orig_id=Smp_343320.1;date_last_modif
ied=2022-08-01;Name=Smp_343320.1;product=Tuftelin-interacting
protein 11;date_creation=2022-07-28
SM_V9_1 iris    exon    50428698        50428986        .       +
        .       Parent=Smp_343320.1;Name=cf6ac8be-e07d-426d-901c-
cc8a1a650671
SM_V9_1 iris    exon    50429440        50429893        .       +
        .       Parent=Smp_343320.1;Name=c36f60d7-f980-4c72-
b052-4c6e8025dd2d
SM_V9_1 iris    exon    50434727        50434880        .       +
        .       Parent=Smp_343320.1;Name=5dc098b4-82c6-4952-a680-
e6f7d0479bbc
SM_V9_1 iris    exon    50436141        50436468        .       +
        .       Parent=Smp_343320.1;Name=b415efb8-f46c-4f41-
a352-9a89eb8f2be9
SM_V9_1 iris    exon    50442908        50443150        .       +
        .       Parent=Smp_343320.1;Name=eb01bcc3-3ca3-4711-92a4-
da656ab764ba
SM_V9_1 iris    exon    50444365        50444604        .       +
        .       Parent=Smp_343320.1;Name=3b91f33b-990a-4741-b809-
dab4e1d375c1
SM_V9_1 iris    exon    50445414        50445692        .       +
        .
Parent=Smp_343320.1;Name=b5dc2856-1d5c-4fe4-9f38-0239849150da
SM_V9_1 iris    exon    50450376        50450705        .       +
        .       Parent=Smp_343320.1;Name=8c813f8e-a4fb-497b-aafa-
e93fed6cc120
SM_V9_1 iris    exon    50451363        50451823        .       +
        .       Parent=Smp_343320.1;Name=be44313d-0069-46f7-
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bd45-3dedc41a5e66
SM_V9_1 iris    CDS     50428747        50428986        .       +
        0       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50429440        50429893        .       +
        0       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50434727        50434880        .       +
        2       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50436141        50436468        .       +
        1       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50442908        50443150        .       +
        0       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50444365        50444604        .       +
        0       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50445414        50445692        .       +
        0       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50450376        50450705        .       +
        0       Parent=Smp_343320.1
SM_V9_1 iris    CDS     50451363        50451686        .       +
        0       Parent=Smp_343320.1
SM_V9_1 Liftoff gene    50452446        50454944        .       -
        .       ID=Smp_032000;geneID=Smp_032000
SM_V9_1 Liftoff mRNA    50452446        50454944        .       -
        .
ID=Smp_032000.1;Parent=Smp_032000;geneID=Smp_032000;product=Caspase-
2;polypeptide_domain=InterPro:IPR001309,IPR001315,IPR002138,IPR01102
9,IPR015917,IPR029030,IPR033139
Pfam:PF00619,PF00656;Ontology_term=GO:0004197,GO:0006508,GO:0008234,
GO:0042981
SM_V9_1 Liftoff exon    50452446        50454944        .       -
        .       Parent=Smp_032000.1
SM_V9_1 Liftoff CDS     50452485        50453624        .       -
        0       Parent=Smp_032000.1
SM_V9_1 iris    gene    50474148        50489146        .       +
        .
ID=Smp_266940;geneID=Smp_266940;gene_name=Smp_266940;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50474148        50489146        .       +
        .
ID=Smp_266940.1;Parent=Smp_266940;geneID=Smp_266940;gene_name=Smp_26
6940;owner=irisadmin@local.host;orig_id=Smp_266940.1;date_last_modif
ied=2022-08-01;Name=Smp_266940.1;product=UDP-N-acetylmuramate--L-
alanine ligase;date_creation=2022-07-28
SM_V9_1 iris    exon    50474148        50474305        .       +
        .
Parent=Smp_266940.1;Name=c2dbd5c9-62f4-4b0b-8269-6cb1b8c67fd4
SM_V9_1 iris    exon    50475564        50475581        .       +
        .       Parent=Smp_266940.1;Name=004afb61-4ace-434b-b93a-
ac0eb3443e5d
SM_V9_1 iris    exon    50477072        50477086        .       +
        .
Parent=Smp_266940.1;Name=bddf5bb3-8f9f-4e09-93c0-7df95eeaff64
SM_V9_1 iris    exon    50477939        50477944        .       +
        .       Parent=Smp_266940.1;Name=03254734-8653-4a53-
ae84-193662ede9c3
```

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SM_V9_1 iris    exon    50478965        50478979        .       +
        .       Parent=Smp_266940.1;Name=18984671-40ce-443f-910d-
e379a9550058
SM_V9_1 iris    exon    50479972        50479986        .       +
        .
Parent=Smp_266940.1;Name=81a81146-79f3-47bb-8060-618ac6cbcf81
SM_V9_1 iris    exon    50481584        50481598        .       +
        .
Parent=Smp_266940.1;Name=5fb653a6-7473-46fd-8dd2-5b360c55cc89
SM_V9_1 iris    exon    50482968        50482982        .       +
        .       Parent=Smp_266940.1;Name=ee96675d-
b834-4da3-996a-4d38a5c9d5ba
SM_V9_1 iris    exon    50483659        50483682        .       +
        .       Parent=Smp_266940.1;Name=418a767b-a2ed-46cb-
ac4c-4fabcb24519f
SM_V9_1 iris    exon    50486731        50486755        .       +
        .       Parent=Smp_266940.1;Name=599a25e6-be8e-4ce8-
b5a4-9021017d726e
SM_V9_1 iris    exon    50487778        50487798        .       +
        .       Parent=Smp_266940.1;Name=e7f0d666-e3ba-4dee-a0b5-
be0bcd21a89d
SM_V9_1 iris    exon    50488808        50489146        .       +
        .       Parent=Smp_266940.1;Name=5170e0fc-79a2-4dd6-
a80a-88d08bc89c3c
SM_V9_1 iris    CDS     50474248        50474305        .       +
        0       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50475564        50475581        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50477072        50477086        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50477939        50477944        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50478965        50478979        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50479972        50479986        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50481584        50481598        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50482968        50482982        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50483659        50483682        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50486731        50486755        .       +
        2       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50487778        50487798        .       +
        1       Parent=Smp_266940.1
SM_V9_1 iris    CDS     50488808        50488883        .       +
        1       Parent=Smp_266940.1
SM_V9_1 iris    gene    50497643        50499026        .       +
        .
ID=Smp_139500;geneID=Smp_139500;gene_name=Smp_139500;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    50497643        50499026        .       +
        .
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ID=Smp_139500.1;Parent=Smp_139500;geneID=Smp_139500;gene_name=Smp_13
9500;owner=irisadmin@local.host;orig_id=Smp_139500.1;date_last_modif
ied=2022-08-01;Name=Smp_139500.1;product=Dihydroorotase;date_creatio
n=2022-08-01
SM_V9_1 iris    exon    50497643        50497688        .       +
        .       Parent=Smp_139500.1;Name=17527321-fbf1-4c22-9c5e-
baa4686e6246
SM_V9_1 iris    exon    50498560        50498646        .       +
        .       Parent=Smp_139500.1;Name=1296f2a3-c4ef-477c-
a245-77747aaf9103
SM_V9_1 iris    exon    50498679        50498739        .       +
        .       Parent=Smp_139500.1;Name=5a541847-
a0e9-4abc-9447-87d3f89f4e08
SM_V9_1 iris    exon    50498774        50499026        .       +
        .       Parent=Smp_139500.1;Name=d8a252c5-
fac8-4f37-8bb2-050a6382af77
SM_V9_1 iris    CDS     50498593        50498646        .       +
        0       Parent=Smp_139500.1
SM_V9_1 iris    CDS     50498679        50498739        .       +
        0       Parent=Smp_139500.1
SM_V9_1 iris    CDS     50498774        50498814        .       +
        2       Parent=Smp_139500.1
SM_V9_1 iris    gene    50502324        50506796        .       +
        .
ID=Smp_031990;geneID=Smp_031990;gene_name=Smp_031990;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    50502324        50506796        .       +
        .
ID=Smp_031990.1;Parent=Smp_031990;geneID=Smp_031990;gene_name=Smp_03
1990;owner=irisadmin@local.host;orig_id=Smp_031990.1;date_last_modif
ied=2022-08-01;Name=Smp_031990.1;product=Glutamyl-tRNA(Gln)
amidotransferase subunit A, mitochondrial;date_creation=2022-08-01
SM_V9_1 iris    exon    50502324        50502740        .       +
        .       Parent=Smp_031990.1;Name=6ee64abc-4305-44d4-8e21-
be21d8a99fac
SM_V9_1 iris    exon    50504029        50504756        .       +
        .       Parent=Smp_031990.1;Name=e894c84d-63cf-4a27-
b37e-06909569dd59
SM_V9_1 iris    exon    50505239        50505470        .       +
        .       Parent=Smp_031990.1;Name=4a273314-aeee-42d4-a472-
b3dfad8092c9
SM_V9_1 iris    exon    50506046        50506796        .       +
        .       Parent=Smp_031990.1;Name=0b1b66c8-165b-4746-9267-
f2a97110349e
SM_V9_1 iris    CDS     50502393        50502740        .       +
        0       Parent=Smp_031990.1
SM_V9_1 iris    CDS     50504029        50504756        .       +
        0       Parent=Smp_031990.1
SM_V9_1 iris    CDS     50505239        50505470        .       +
        1       Parent=Smp_031990.1
SM_V9_1 iris    CDS     50506046        50506360        .       +
        0       Parent=Smp_031990.1
SM_V9_1 iris    gene    50530622        50608573        .       +
        .
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ID=Smp_139480;geneID=Smp_139480;gene_name=Smp_139480;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    50530622        50608573        .       +
       .
ID=Smp_139480.1;Parent=Smp_139480;geneID=Smp_139480;gene_name=Smp_13
9480;owner=irisadmin@local.host;orig_id=Smp_139480.1;date_last_modif
ied=2022-08-01;Name=Smp_139480.1;product=Ephrin type-A receptor
5;date_creation=2022-08-01
SM_V9_1 iris    exon    50530622        50531004        .       +
       .
Parent=Smp_139480.1;Name=871e79b0-2524-4b60-8c5e-66b126a34736
SM_V9_1 iris    exon    50567327        50567394        .       +
       .       Parent=Smp_139480.1;Name=c36726f7-13c1-4fa9-a487-
c23d2674960a
SM_V9_1 iris    exon    50570473        50570735        .       +
       .
Parent=Smp_139480.1;Name=2cc25998-0478-4e24-953d-3479d4f612dd
SM_V9_1 iris    exon    50573165        50573727        .       +
       .       Parent=Smp_139480.1;Name=8d1b7cf1-a009-4be3-
acd5-0413ba3d28b8
SM_V9_1 iris    exon    50573998        50574240        .       +
       .       Parent=Smp_139480.1;Name=c89e1749-7533-45fa-b4ca-
c9b33ffe2b27
SM_V9_1 iris    exon    50578751        50578943        .       +
       .
Parent=Smp_139480.1;Name=d34db758-46f2-4167-9bf6-941fd3666b9b
SM_V9_1 iris    exon    50585283        50585419        .       +
       .       Parent=Smp_139480.1;Name=d5295588-
bf2a-4abd-853e-236432437556
SM_V9_1 iris    exon    50590221        50590447        .       +
       .       Parent=Smp_139480.1;Name=600af88f-
e6c6-4055-964d-1cefcdd4dcad
SM_V9_1 iris    exon    50593444        50593623        .       +
       .       Parent=Smp_139480.1;Name=7ebc745d-f46f-4e30-
b5f9-05f00e603fdc
SM_V9_1 iris    exon    50595277        50595367        .       +
       .       Parent=Smp_139480.1;Name=badc6d13-e6a5-40fb-a144-
ae630d565155
SM_V9_1 iris    exon    50598530        50598749        .       +
       .       Parent=Smp_139480.1;Name=9448cac8-53c7-4f17-a1ee-
b848acc7d54a
SM_V9_1 iris    exon    50600299        50600378        .       +
       .       Parent=Smp_139480.1;Name=1185aa1a-f14c-4669-b64b-
e1d959cbd1c4
SM_V9_1 iris    exon    50602314        50602457        .       +
       .
Parent=Smp_139480.1;Name=236f727c-6313-448a-87c4-72dda7f2be27
SM_V9_1 iris    exon    50603161        50603411        .       +
       .       Parent=Smp_139480.1;Name=fd7736f7-a22b-4359-
a3fb-20d378b7a747
SM_V9_1 iris    exon    50604634        50604732        .       +
       .       Parent=Smp_139480.1;Name=56564d0a-cf76-4cdd-
bc63-6a88916fb26f
SM_V9_1 iris    exon    50605109        50605222        .       +
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        .       Parent=Smp_139480.1;Name=65e489ab-17df-4d4c-
a74f-1311af5e4b02
SM_V9_1 iris    exon    50607352        50608573        .       +
        .       Parent=Smp_139480.1;Name=fe50df7c-8c8a-43d4-a649-
d212faef1456
SM_V9_1 iris    CDS     50530893        50531004        .       +
        0       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50567327        50567394        .       +
        2       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50570473        50570735        .       +
        0       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50573165        50573727        .       +
        1       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50573998        50574240        .       +
        2       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50578751        50578943        .       +
        2       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50585283        50585419        .       +
        1       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50590221        50590447        .       +
        2       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50593444        50593623        .       +
        0       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50595277        50595367        .       +
        0       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50598530        50598749        .       +
        2       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50600299        50600378        .       +
        1       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50602314        50602457        .       +
        2       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50603161        50603411        .       +
        2       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50604634        50604732        .       +
        0       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50605109        50605222        .       +
        0       Parent=Smp_139480.1
SM_V9_1 iris    CDS     50607352        50608167        .       +
        0       Parent=Smp_139480.1
SM_V9_1 iris    gene    50705474        50717360        .       -
        .
ID=Smp_031950;geneID=Smp_031950;gene_name=Smp_031950;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    50705474        50717360        .       -
        .
ID=Smp_031950.1;Parent=Smp_031950;geneID=Smp_031950;gene_name=Smp_03
1950;owner=irisadmin@local.host;orig_id=Smp_031950.1;date_last_modif
ied=2022-08-01;Name=Smp_031950.1;product=Programmed cell death
protein 10;date_creation=2022-08-01
SM_V9_1 iris    exon    50705474        50705976        .       -
        .       Parent=Smp_031950.1;Name=fdc278b7-a770-4bf4-ac5a-
ed4d653e8f48
SM_V9_1 iris    exon    50713430        50713594        .       -
        .       Parent=Smp_031950.1;Name=d616ce2b-1b17-45a0-9b41-
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eae5ab0af4b0
SM_V9_1 iris    exon    50713630        50713756        .       -
        .       Parent=Smp_031950.1;Name=5c756e3d-7a81-4edb-
a49d-437dd030ecac
SM_V9_1 iris    exon    50713797        50713920        .       -
        .       Parent=Smp_031950.1;Name=54694c4f-2d69-4934-
b1b1-68f13e2e97b7
SM_V9_1 iris    exon    50713960        50714013        .       -
        .       Parent=Smp_031950.1;Name=33666bda-0b71-4b57-8d56-
bcf87e9c28f1
SM_V9_1 iris    exon    50714051        50714153        .       -
        .
Parent=Smp_031950.1;Name=16fd7e61-5ada-4949-8288-5bcca81901c5
SM_V9_1 iris    exon    50717304        50717360        .       -
        .       Parent=Smp_031950.1;Name=cc8b9172-d2e7-4e30-a61b-
efa22bda5a71
SM_V9_1 iris    CDS     50705895        50705976        .       -
        1       Parent=Smp_031950.1
SM_V9_1 iris    CDS     50713430        50713594        .       -
        1       Parent=Smp_031950.1
SM_V9_1 iris    CDS     50713630        50713756        .       -
        2       Parent=Smp_031950.1
SM_V9_1 iris    CDS     50713797        50713920        .       -
        0       Parent=Smp_031950.1
SM_V9_1 iris    CDS     50713960        50714013        .       -
        0       Parent=Smp_031950.1
SM_V9_1 iris    CDS     50714051        50714149        .       -
        0       Parent=Smp_031950.1
SM_V9_1 iris    gene    50723202        50729068        .       +
        .
ID=Smp_301780;geneID=Smp_301780;gene_name=Smp_301780;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50723202        50729068        .       +
        .
ID=Smp_301780.1;Parent=Smp_301780;geneID=Smp_301780;gene_name=Smp_30
1780;owner=irisadmin@local.host;orig_id=Smp_301780.1;date_last_modif
ied=2022-08-01;Name=Smp_301780.1;product=Dual specificity mitogen-
activated protein kinase kinase 7;date_creation=2022-07-28
SM_V9_1 iris    exon    50723202        50723428        .       +
        .       Parent=Smp_301780.1;Name=3660540d-ab4a-4261-8344-
ea0c46118459
SM_V9_1 iris    exon    50723467        50723560        .       +
        .
Parent=Smp_301780.1;Name=2691cf24-4f07-4dbe-8d0d-1d59bfd29c91
SM_V9_1 iris    exon    50723596        50723662        .       +
        .       Parent=Smp_301780.1;Name=462a45b0-a28e-4857-80ea-
f800e7a2bd57
SM_V9_1 iris    exon    50723694        50723933        .       +
        .       Parent=Smp_301780.1;Name=1bcca824-5ecb-43be-8bf4-
a253f3ff6094
SM_V9_1 iris    exon    50723966        50724073        .       +
        .       Parent=Smp_301780.1;Name=96c17226-0eb1-4db9-ab0c-
cb4775c6e133
SM_V9_1 iris    exon    50724110        50724159        .       +
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        .       Parent=Smp_301780.1;Name=c205584e-2589-4cf4-a860-
b8b3a9ff9338
SM_V9_1 iris    exon    50724188        50724526        .       +
        .       Parent=Smp_301780.1;Name=42285f10-47dc-4e59-
b660-32492c44c32a
SM_V9_1 iris    exon    50726653        50729068        .       +
        .       Parent=Smp_301780.1;Name=5d06edf2-3401-40cc-a64e-
a557a5f6acdd
SM_V9_1 iris    CDS     50723287        50723428        .       +
        0       Parent=Smp_301780.1
SM_V9_1 iris    CDS     50723467        50723560        .       +
        2       Parent=Smp_301780.1
SM_V9_1 iris    CDS     50723596        50723662        .       +
        1       Parent=Smp_301780.1
SM_V9_1 iris    CDS     50723694        50723933        .       +
        0       Parent=Smp_301780.1
SM_V9_1 iris    CDS     50723966        50724073        .       +
        0       Parent=Smp_301780.1
SM_V9_1 iris    CDS     50724110        50724159        .       +
        0       Parent=Smp_301780.1
SM_V9_1 iris    CDS     50724188        50724526        .       +
        1       Parent=Smp_301780.1
SM_V9_1 iris    CDS     50726653        50728633        .       +
        1       Parent=Smp_301780.1
SM_V9_1 iris    gene    50732716        50756666        .       -
        .
ID=Smp_139470;geneID=Smp_139470;gene_name=Smp_139470;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50732716        50756666        .       -
        .
ID=Smp_139470.1;Parent=Smp_139470;geneID=Smp_139470;gene_name=Smp_13
9470;owner=irisadmin@local.host;orig_id=Smp_139470.1;date_last_modif
ied=2022-08-01;Name=Smp_139470.1;product=Tensin-4;date_creation=2022
-07-28
SM_V9_1 iris    exon    50732716        50734249        .       -
        .       Parent=Smp_139470.1;Name=d0abddbb-
eb3a-4aef-88b2-748e59edd094
SM_V9_1 iris    exon    50735904        50736041        .       -
        .
Parent=Smp_139470.1;Name=f6d47e19-54bb-4ccf-9749-10aa15afc0f2
SM_V9_1 iris    exon    50739253        50739787        .       -
        .
Parent=Smp_139470.1;Name=b836a011-1d13-49a0-851e-8f3095999c74
SM_V9_1 iris    exon    50740733        50741056        .       -
        .       Parent=Smp_139470.1;Name=9a8b9cb6-
a6c9-4f84-98eb-4b88a0e8301f
SM_V9_1 iris    exon    50747759        50748385        .       -
        .       Parent=Smp_139470.1;Name=d3741009-af25-4cbd-893b-
ef2944740a48
SM_V9_1 iris    exon    50750572        50751155        .       -
        .       Parent=Smp_139470.1;Name=75bf356c-66c9-49c3-
bb5b-260795074afe
SM_V9_1 iris    exon    50756140        50756286        .       -
        .       Parent=Smp_139470.1;Name=e5a05b72-a338-44d4-acfa-
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f10c6452c791
SM_V9_1 iris    exon    50756324        50756398        .       -
        .       Parent=Smp_139470.1;Name=e391c639-6222-4bd1-
b2cf-298ee1ba84c3
SM_V9_1 iris    exon    50756437        50756517        .       -
        .       Parent=Smp_139470.1;Name=571099b4-b26f-4eef-
a97b-5001e670a81b
SM_V9_1 iris    exon    50756549        50756666        .       -
        .
Parent=Smp_139470.1;Name=61e8b20c-47b6-44a5-8d05-048bf87ee2c8
SM_V9_1 iris    CDS     50733461        50734249        .       -
        0       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50735904        50736041        .       -
        0       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50739253        50739787        .       -
        1       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50740733        50741056        .       -
        1       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50747759        50748385        .       -
        1       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50750572        50751155        .       -
        0       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50756140        50756286        .       -
        0       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50756324        50756398        .       -
        0       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50756437        50756517        .       -
        0       Parent=Smp_139470.1
SM_V9_1 iris    CDS     50756549        50756602        .       -
        0       Parent=Smp_139470.1
SM_V9_1 iris    gene    50756821        50760243        .       +
        .
ID=Smp_031920;geneID=Smp_031920;gene_name=Smp_031920;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50756821        50760243        .       +
        .
ID=Smp_031920.1;Parent=Smp_031920;geneID=Smp_031920;gene_name=Smp_03
1920;owner=irisadmin@local.host;orig_id=Smp_031920.2;date_last_modif
ied=2022-08-01;Name=Smp_031920.1;product=Luc7-like protein
3;date_creation=2022-07-28
SM_V9_1 iris    exon    50756821        50756844        .       +
        .       Parent=Smp_031920.1;Name=4cdbd790-
f4b4-46d4-83e8-58594e04fda0
SM_V9_1 iris    exon    50758662        50759228        .       +
        .
Parent=Smp_031920.1;Name=e6d092c2-12a8-4050-8691-4191c52c84b9
SM_V9_1 iris    exon    50759277        50759536        .       +
        .
Parent=Smp_031920.1;Name=2d3ff689-2db7-4471-8cf0-2d72cd39f92d
SM_V9_1 iris    exon    50759865        50760243        .       +
        .       Parent=Smp_031920.1;Name=cb289a6d-82f8-485d-91a8-
ef4ce4a1de80
SM_V9_1 iris    CDS     50758680        50759228        .       +
        0       Parent=Smp_031920.1
```

```
SM_V9_1 iris    CDS     50759277        50759536        .       +
        0       Parent=Smp_031920.1
SM_V9_1 iris    CDS     50759865        50760108        .       +
        1       Parent=Smp_031920.1
SM_V9_1 iris    gene    50779098        50803520        .       -
        .
ID=Smp_09489;geneID=Smp_09489;gene_name=Smp_09489;owner=irisadmin@lo
cal.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    50779098        50803520        .       -
        .
ID=Smp_094890.1;Parent=Smp_09489;geneID=Smp_09489;gene_name=Smp_0948
9;owner=irisadmin@local.host;orig_id=Smp_094890.1;date_last_modified
=2022-08-01;Name=Smp_094890.1;product=Protein
FAM13A;date_creation=2022-07-28
SM_V9_1 iris    exon    50779098        50780965        .       -
        .       Parent=Smp_094890.1;Name=a36912cd-2d34-46ce-9e38-
a0f0d2fd543a
SM_V9_1 iris    exon    50786388        50786515        .       -
        .
Parent=Smp_094890.1;Name=54181bdc-09ea-42c9-9905-8fdfba92d283
SM_V9_1 iris    exon    50790405        50790955        .       -
        .       Parent=Smp_094890.1;Name=afa1426b-cef3-462e-
a46e-913a1200fb22
SM_V9_1 iris    exon    50792903        50793334        .       -
        .
Parent=Smp_094890.1;Name=e18a5add-4b43-448d-9e2e-6d35cdaba90b
SM_V9_1 iris    exon    50795079        50795411        .       -
        .       Parent=Smp_094890.1;Name=bac540e1-278f-426f-
afc2-2420d63016eb
SM_V9_1 iris    exon    50797066        50797560        .       -
        .       Parent=Smp_094890.1;Name=dbba03be-0236-4b8f-9b9d-
a35604c60c79
SM_V9_1 iris    exon    50798656        50799427        .       -
        .
Parent=Smp_094890.1;Name=6f7cb0f9-9e22-4c2f-891a-61622123803f
SM_V9_1 iris    exon    50799572        50800206        .       -
        .       Parent=Smp_094890.1;Name=28210381-66f6-4597-88e4-
dca719ec4699
SM_V9_1 iris    exon    50801813        50802025        .       -
        .       Parent=Smp_094890.1;Name=8d369746-ad74-4fd3-95ed-
fd2e83ab8511
SM_V9_1 iris    exon    50802989        50803520        .       -
        .       Parent=Smp_094890.1;Name=abb6e8c3-4803-413b-b276-
d99382a470c4
SM_V9_1 iris    CDS     50780811        50780965        .       -
        2       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50786388        50786515        .       -
        1       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50790405        50790955        .       -
        0       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50792903        50793334        .       -
        0       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50795079        50795411        .       -
        0       Parent=Smp_094890.1
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SM_V9_1 iris    CDS     50797066        50797560        .       -
        0       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50798656        50799427        .       -
        1       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50799572        50800206        .       -
        0       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50801813        50802025        .       -
        0       Parent=Smp_094890.1
SM_V9_1 iris    CDS     50802989        50803363        .       -
        0       Parent=Smp_094890.1
SM_V9_1 iris    mRNA    50791088        50803520        .       -
        .
ID=Smp_094890.2;Parent=Smp_09489;geneID=Smp_09489;gene_name=Smp_0948
9;owner=irisadmin@local.host;date_last_modified=2022-08-01;Name=Smp_
094890.2;date_creation=2022-07-28
SM_V9_1 iris    exon    50791088        50791360        .       -
        .       Parent=Smp_094890.2;Name=d00858db-d554-4291-904c-
a15fb2c3596d
SM_V9_1 iris    exon    50792903        50793334        .       -
        .       Parent=Smp_094890.2;Name=c9f2a320-e4fe-44e8-8412-
fefaf37842ea
SM_V9_1 iris    exon    50795079        50795411        .       -
        .
Parent=Smp_094890.2;Name=ca04717e-2d1c-4272-8cf0-16ad8086672e
SM_V9_1 iris    exon    50797066        50797560        .       -
        .       Parent=Smp_094890.2;Name=15b658be-3ddf-4079-
bdfd-7becce4d62ba
SM_V9_1 iris    exon    50798656        50799427        .       -
        .       Parent=Smp_094890.2;Name=3a59a5c1-7f15-4a5f-8a90-
f6fef4861700
SM_V9_1 iris    exon    50799572        50800206        .       -
        .       Parent=Smp_094890.2;Name=74ab068e-e197-401a-b7e2-
d0701a421f7f
SM_V9_1 iris    exon    50801813        50802025        .       -
        .       Parent=Smp_094890.2;Name=476d7286-bf21-451f-
b567-4bdb2dbef4d9
SM_V9_1 iris    exon    50802989        50803520        .       -
        .       Parent=Smp_094890.2;Name=cc07e8c6-28f0-4a01-9577-
d29d3e3ead85
SM_V9_1 iris    CDS     50791331        50791360        .       -
        0       Parent=Smp_094890.2
SM_V9_1 iris    CDS     50792903        50793334        .       -
        0       Parent=Smp_094890.2
SM_V9_1 iris    CDS     50795079        50795411        .       -
        0       Parent=Smp_094890.2
SM_V9_1 iris    CDS     50797066        50797560        .       -
        0       Parent=Smp_094890.2
SM_V9_1 iris    CDS     50798656        50799427        .       -
        1       Parent=Smp_094890.2
SM_V9_1 iris    CDS     50799572        50800206        .       -
        0       Parent=Smp_094890.2
SM_V9_1 iris    CDS     50801813        50802025        .       -
        0       Parent=Smp_094890.2
SM_V9_1 iris    CDS     50802989        50803363        .       -
```

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        0       Parent=Smp_094890.2
SM_V9_1 iris    gene    50880593        50886881        .       +
        .
ID=Smp_243790;geneID=Smp_243790;gene_name=Smp_243790;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    50880593        50886881        .       +
        .
ID=Smp_243790.1;Parent=Smp_243790;geneID=Smp_243790;gene_name=Smp_24
3790;owner=irisadmin@local.host;orig_id=Smp_243790.1;date_last_modif
ied=2022-08-16;Name=Smp_243790.1;product=MEG-31
protein;date_creation=2022-08-16
SM_V9_1 iris    exon    50880593        50880682        .       +
        .       Parent=Smp_243790.1;Name=306af73c-7175-4b81-b4e6-
ec1fce3aecba
SM_V9_1 iris    exon    50881992        50882005        .       +
        .
Parent=Smp_243790.1;Name=4d4c23ec-566e-4a57-9cdf-6a11334b1df9
SM_V9_1 iris    exon    50882525        50882533        .       +
        .       Parent=Smp_243790.1;Name=53612d90-
e485-4e1e-960f-2e2886be75d1
SM_V9_1 iris    exon    50882796        50882804        .       +
        .       Parent=Smp_243790.1;Name=8c20f56b-
b1f8-480f-85bb-56545d09d2e5
SM_V9_1 iris    exon    50883350        50883358        .       +
        .
Parent=Smp_243790.1;Name=c6aecabf-1cc6-4f77-857c-3558405df251
SM_V9_1 iris    exon    50884437        50884493        .       +
        .       Parent=Smp_243790.1;Name=12f72d40-ef47-4896-b930-
f5d7a03a30b1
SM_V9_1 iris    exon    50886176        50886209        .       +
        .       Parent=Smp_243790.1;Name=48aeceec-a6a7-40b9-84d4-
f5f61ca0e9f8
SM_V9_1 iris    exon    50886679        50886881        .       +
        .       Parent=Smp_243790.1;Name=efecf91a-
b914-4c82-8fe6-533a69e10906
SM_V9_1 iris    CDS     50880622        50880682        .       +
        0       Parent=Smp_243790.1
SM_V9_1 iris    CDS     50881992        50882005        .       +
        2       Parent=Smp_243790.1
SM_V9_1 iris    CDS     50882525        50882533        .       +
        0       Parent=Smp_243790.1
SM_V9_1 iris    CDS     50882796        50882804        .       +
        0       Parent=Smp_243790.1
SM_V9_1 iris    CDS     50883350        50883358        .       +
        0       Parent=Smp_243790.1
SM_V9_1 iris    CDS     50884437        50884493        .       +
        0       Parent=Smp_243790.1
SM_V9_1 iris    CDS     50886176        50886208        .       +
        0       Parent=Smp_243790.1
SM_V9_1 iris    gene    50927771        50928831        .       -
        .
ID=Smp_205000;geneID=Smp_205000;gene_name=Smp_205000;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-11-03
SM_V9_1 iris    mRNA    50927771        50928831        .       -
```

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        .
ID=Smp_205000.1;Parent=Smp_205000;geneID=Smp_205000;gene_name=Smp_20
5000;owner=irisadmin@local.host;orig_id=Smp_205000.1;date_last_modif
ied=2022-11-03;Name=Smp_205000.1;product=GTPase
Era;date_creation=2022-11-03
SM_V9_1 iris    exon    50927771        50928831        .       -
        .       Parent=Smp_205000.1;Name=daaa79b3-d351-40c8-a283-
d82198f106e3
SM_V9_1 iris    CDS     50928226        50928576        .       -
        0       Parent=Smp_205000.1
SM_V9_1 Liftoff gene    50936280        51002223        .       +
        .
ID=Smp_332490;geneID=Smp_332490;previous_systematic_id=Smp_180870,Sm
p_193670
SM_V9_1 Liftoff mRNA    50936280        51002223        .       +
        .
ID=Smp_332490.1;Parent=Smp_332490;geneID=Smp_332490;product=Carbonic
anhydrase-related protein 10;polypeptide_domain=InterPro:IPR001148
Pfam:PF00194
SM_V9_1 Liftoff exon    50936280        50936569        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    50966226        50966392        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    50970670        50970852        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    50977324        50977419        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    50978739        50978805        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    50981758        50981912        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    50994179        50994304        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    50997863        50997902        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff exon    51001819        51002223        .       +
        .       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50936497        50936569        .       +
        0       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50966226        50966392        .       +
        2       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50970670        50970852        .       +
        0       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50977324        50977419        .       +
        0       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50978739        50978805        .       +
        0       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50981758        50981912        .       +
        2       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50994179        50994304        .       +
        0       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     50997863        50997902        .       +
        0       Parent=Smp_332490.1
SM_V9_1 Liftoff CDS     51001819        51001838        .       +
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        2       Parent=Smp_332490.1
SM_V9_1 Liftoff gene    51005296        51012351        .       -
        .
ID=Smp_212230;geneID=Smp_212230;previous_systematic_id=Smp_105110,Sm
p_105120
SM_V9_1 Liftoff mRNA    51005296        51012351        .       -
        .
ID=Smp_212230.1;Parent=Smp_212230;geneID=Smp_212230;product=COP9
signalosome complex subunit
7b;polypeptide_domain=InterPro:IPR000717;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    51005296        51006106        .       -
        .       Parent=Smp_212230.1
SM_V9_1 Liftoff exon    51011564        51011749        .       -
        .       Parent=Smp_212230.1
SM_V9_1 Liftoff exon    51011782        51012164        .       -
        .       Parent=Smp_212230.1
SM_V9_1 Liftoff exon    51012205        51012351        .       -
        .       Parent=Smp_212230.1
SM_V9_1 Liftoff CDS     51005927        51006106        .       -
        0       Parent=Smp_212230.1
SM_V9_1 Liftoff CDS     51011564        51011749        .       -
        0       Parent=Smp_212230.1
SM_V9_1 Liftoff CDS     51011782        51012164        .       -
        2       Parent=Smp_212230.1
SM_V9_1 Liftoff CDS     51012205        51012301        .       -
        0       Parent=Smp_212230.1
SM_V9_1 Liftoff gene    51028150        51032974        .       +
        .       ID=Smp_105100;geneID=Smp_105100
SM_V9_1 Liftoff mRNA    51028150        51032974        .       +
        .
ID=Smp_105100.1;Parent=Smp_105100;geneID=Smp_105100;product=Ribonucl
ease kappa-B
SM_V9_1 Liftoff exon    51028150        51028243        .       +
        .       Parent=Smp_105100.1
SM_V9_1 Liftoff exon    51032528        51032974        .       +
        .       Parent=Smp_105100.1
SM_V9_1 Liftoff CDS     51028175        51028243        .       +
        0       Parent=Smp_105100.1
SM_V9_1 Liftoff CDS     51032528        51032755        .       +
        0       Parent=Smp_105100.1
SM_V9_1 iris    gene    51033029        51095914        .       -
        .
ID=Smp_105090;geneID=Smp_105090;gene_name=Smp_105090;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_1 iris    mRNA    51033029        51064984        .       -
        .
ID=Smp_105090.2;Parent=Smp_105090;geneID=Smp_105090;gene_name=Smp_10
5090;owner=irisadmin@local.host;orig_id=Smp_105090.2;date_last_modif
ied=2022-07-23;Name=Smp_105090.2;product=Nuclear hormone receptor
family member nhr-41;date_creation=2022-07-23
SM_V9_1 iris    exon    51033029        51034623        .       -
        .
Parent=Smp_105090.2;Name=44ccc619-2071-42a1-82bc-5ba4cfc09b73
SM_V9_1 iris    exon    51035910        51036149        .       -
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        .       Parent=Smp_105090.2;Name=b2599aca-
f85c-4441-8320-497bf67f4aae
SM_V9_1 iris    exon    51036707        51036973        .       -
        .
Parent=Smp_105090.2;Name=3abfc089-98d2-40ed-9416-092b95eaf50c
SM_V9_1 iris    exon    51039115        51039290        .       -
        .       Parent=Smp_105090.2;Name=ccba8228-6002-4d48-b433-
f4ab979b2bbc
SM_V9_1 iris    exon    51042799        51043321        .       -
        .       Parent=Smp_105090.2;Name=d7b6c1b6-4bf6-40c0-
a75f-7567dfe6dd33
SM_V9_1 iris    exon    51049090        51050272        .       -
        .       Parent=Smp_105090.2;Name=5738046e-8042-45a7-
b736-7abe310fb86d
SM_V9_1 iris    exon    51050992        51052196        .       -
        .       Parent=Smp_105090.2;Name=9ec2f187-de0e-4838-a1e9-
ddc5e080ad15
SM_V9_1 iris    exon    51056034        51056658        .       -
        .       Parent=Smp_105090.2;Name=5634b2c7-87f0-4a92-bbf4-
a70742ea45dd
SM_V9_1 iris    exon    51056910        51057425        .       -
        .       Parent=Smp_105090.2;Name=cb3e5f06-7664-4162-bc13-
b287bf12707f
SM_V9_1 iris    exon    51060327        51060394        .       -
        .       Parent=Smp_105090.2;Name=1a5ce7a9-
ab92-464b-8618-9edc86793594
SM_V9_1 iris    exon    51064575        51064984        .       -
        .       Parent=Smp_105090.2;Name=700f5963-fb1c-4ff8-ab44-
b50db688b6ff
SM_V9_1 iris    CDS     51034223        51034623        .       -
        2       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51035910        51036149        .       -
        2       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51036707        51036973        .       -
        2       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51039115        51039290        .       -
        1       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51042799        51043321        .       -
        2       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51049090        51050272        .       -
        0       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51050992        51052196        .       -
        2       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51056034        51056658        .       -
        0       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51056910        51057425        .       -
        0       Parent=Smp_105090.2
SM_V9_1 iris    CDS     51060327        51060392        .       -
        0       Parent=Smp_105090.2
SM_V9_1 iris    mRNA    51033029        51087511        .       -
        .
ID=Smp_105090.1;Parent=Smp_105090;geneID=Smp_105090;gene_name=Smp_10
5090;owner=irisadmin@local.host;orig_id=Smp_105090.1;date_last_modif
ied=2022-07-23;Name=Smp_105090.1;product=Tr4/Tr2
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(homologue);date_creation=2022-07-23
SM_V9_1 iris    exon    51033029        51034623        .       -
        .       Parent=Smp_105090.1;Name=1a80d4ce-1809-4b24-
a4d2-10f41d101872
SM_V9_1 iris    exon    51035910        51036149        .       -
        .       Parent=Smp_105090.1;Name=88cdb992-efce-4b7b-
a693-8ed308d1fdd9
SM_V9_1 iris    exon    51036707        51036973        .       -
        .       Parent=Smp_105090.1;Name=a5ad1776-b8fc-4f3b-a377-
b3163b16d21f
SM_V9_1 iris    exon    51039115        51039290        .       -
        .       Parent=Smp_105090.1;Name=5a823185-
df4e-47db-87de-9f3aaa0a2c93
SM_V9_1 iris    exon    51042799        51043321        .       -
        .       Parent=Smp_105090.1;Name=9d115da0-b861-48be-
a1c3-2560636f4c26
SM_V9_1 iris    exon    51049090        51050272        .       -
        .
Parent=Smp_105090.1;Name=5eb7f3b9-95d8-42ea-9a91-46e48dc6116e
SM_V9_1 iris    exon    51050992        51052196        .       -
        .       Parent=Smp_105090.1;Name=1d86be84-9e94-48bf-
aa5e-1243724c385e
SM_V9_1 iris    exon    51056034        51056658        .       -
        .       Parent=Smp_105090.1;Name=7f5119c3-8941-4a29-
b638-8e54e2c26b8a
SM_V9_1 iris    exon    51056910        51057425        .       -
        .       Parent=Smp_105090.1;Name=60214529-02f4-4241-96ee-
fc28ee11d3c5
SM_V9_1 iris    exon    51083137        51084154        .       -
        .       Parent=Smp_105090.1;Name=5833c8a1-0812-4d9f-
b51b-68efffb8f975
SM_V9_1 iris    exon    51086995        51087511        .       -
        .       Parent=Smp_105090.1;Name=07daa82a-03eb-4c93-a668-
ef3cace35e54
SM_V9_1 iris    CDS     51034223        51034623        .       -
        2       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51035910        51036149        .       -
        2       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51036707        51036973        .       -
        2       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51039115        51039290        .       -
        1       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51042799        51043321        .       -
        2       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51049090        51050272        .       -
        0       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51050992        51052196        .       -
        2       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51056034        51056658        .       -
        0       Parent=Smp_105090.1
SM_V9_1 iris    CDS     51056910        51057425        .       -
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       .
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p_105080
SM_V9_1 Liftoff mRNA    51198280        51211561        .       -
       .
ID=Smp_347990.1;Parent=Smp_347990;geneID=Smp_347990;product=Endonucl
ease G,
mitochondrial;polypeptide_domain=InterPro:IPR001604,IPR018524,IPR020
821 Pfam:PF01223;Ontology_term=GO:0003676,GO:0016787,GO:0046872
SM_V9_1 Liftoff exon    51198280        51198634        .       -
       .       Parent=Smp_347990.1
SM_V9_1 Liftoff exon    51199479        51199591        .       -
       .       Parent=Smp_347990.1
SM_V9_1 Liftoff exon    51200497        51200668        .       -
       .       Parent=Smp_347990.1
SM_V9_1 Liftoff exon    51206923        51211561        .       -
       .       Parent=Smp_347990.1
SM_V9_1 Liftoff CDS     51198391        51198634        .       -
       1       Parent=Smp_347990.1
SM_V9_1 Liftoff CDS     51199479        51199591        .       -
       0       Parent=Smp_347990.1
SM_V9_1 Liftoff CDS     51200497        51200668        .       -
       1       Parent=Smp_347990.1
SM_V9_1 Liftoff CDS     51206923        51207290        .       -
       0       Parent=Smp_347990.1
SM_V9_1 Liftoff mRNA    51198280        51211561        .       -
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ID=Smp_347990.3;Parent=Smp_347990;geneID=Smp_347990;product=Endonucl
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mitochondrial;polypeptide_domain=InterPro:IPR001604,IPR018524,IPR020
821 Pfam:PF01223;Ontology_term=GO:0003676,GO:0016787,GO:0046872
SM_V9_1 Liftoff exon    51198280        51198634        .       -
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SM_V9_1 Liftoff exon    51199479        51199591        .       -
       .       Parent=Smp_347990.3
SM_V9_1 Liftoff exon    51200497        51200668        .       -
       .       Parent=Smp_347990.3
SM_V9_1 Liftoff exon    51206923        51211561        .       -
       .       Parent=Smp_347990.3
SM_V9_1 Liftoff CDS     51198391        51198634        .       -
       1       Parent=Smp_347990.3
SM_V9_1 Liftoff CDS     51199479        51199591        .       -
       0       Parent=Smp_347990.3
SM_V9_1 Liftoff CDS     51200497        51200668        .       -
       1       Parent=Smp_347990.3
SM_V9_1 Liftoff CDS     51206923        51207290        .       -
       0       Parent=Smp_347990.3
SM_V9_1 Liftoff mRNA    51208956        51211555        .       -
       .
ID=Smp_347990.2;Parent=Smp_347990;geneID=Smp_347990;product=Collagen
alpha-5(VI) chain
SM_V9_1 Liftoff exon    51208956        51209393        .       -
       .       Parent=Smp_347990.2
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SM_V9_1 Liftoff exon    51211082        51211357        .       -
        .       Parent=Smp_347990.2
SM_V9_1 Liftoff exon    51211390        51211555        .       -
        .       Parent=Smp_347990.2
SM_V9_1 Liftoff CDS     51209095        51209393        .       -
        2       Parent=Smp_347990.2
SM_V9_1 Liftoff CDS     51211082        51211357        .       -
        2       Parent=Smp_347990.2
SM_V9_1 Liftoff CDS     51211390        51211537        .       -
        0       Parent=Smp_347990.2
SM_V9_1 iris    gene    51233100        51260394        .       +
        .
ID=Smp_315760;geneID=Smp_315760;gene_name=Smp_315760;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_1 iris    mRNA    51233100        51247803        .       +
        .
ID=Smp_315760.2;Parent=Smp_315760;geneID=Smp_315760;gene_name=Smp_31
5760;owner=irisadmin@local.host;orig_id=Smp_315760.2;date_last_modif
ied=2022-07-23;Name=Smp_315760.2;product=Collagen alpha-1(II)
chain;date_creation=2022-07-23
SM_V9_1 iris    exon    51233100        51233855        .       +
        .
Parent=Smp_315760.2;Name=5cf38caa-8707-4007-832e-846e06a99faf
SM_V9_1 iris    exon    51246789        51247803        .       +
        .       Parent=Smp_315760.2;Name=977f9d02-de99-4317-
b52d-8cba8a37b82b
SM_V9_1 iris    CDS     51233357        51233855        .       +
        0       Parent=Smp_315760.2
SM_V9_1 iris    CDS     51246789        51247537        .       +
        2       Parent=Smp_315760.2
SM_V9_1 iris    mRNA    51233100        51260394        .       +
        .
ID=Smp_315760.1;Parent=Smp_315760;geneID=Smp_315760;gene_name=Smp_31
5760;owner=irisadmin@local.host;orig_id=Smp_315760.1;date_last_modif
ied=2022-07-23;Name=Smp_315760.1;product=Complement C1q tumor
necrosis factor-related protein 3;date_creation=2022-07-23
SM_V9_1 iris    exon    51233100        51233855        .       +
        .       Parent=Smp_315760.1;Name=5ad964e7-ec10-46f7-bc3c-
d066ed0f36d4
SM_V9_1 iris    exon    51256972        51257225        .       +
        .       Parent=Smp_315760.1;Name=c2fb487b-bc23-4cb8-
b1cf-605ca29ed498
SM_V9_1 iris    exon    51259888        51260394        .       +
        .       Parent=Smp_315760.1;Name=1e21beda-76aa-4896-
a447-3c9f727f40bb
SM_V9_1 iris    CDS     51233357        51233855        .       +
        0       Parent=Smp_315760.1
SM_V9_1 iris    CDS     51256972        51257225        .       +
        2       Parent=Smp_315760.1
SM_V9_1 iris    CDS     51259888        51260115        .       +
        0       Parent=Smp_315760.1
SM_V9_1 Liftoff gene    51267460        51271189        .       -
        .       ID=Smp_105040;geneID=Smp_105040
SM_V9_1 Liftoff mRNA    51267460        51271189        .       -
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        .
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n;polypeptide_domain=InterPro:IPR005135 Pfam:PF03372
SM_V9_1 Liftoff exon    51267460        51268565        .       -
        .       Parent=Smp_105040.1
SM_V9_1 Liftoff exon    51268601        51268868        .       -
        .       Parent=Smp_105040.1
SM_V9_1 Liftoff exon    51268912        51271189        .       -
        .       Parent=Smp_105040.1
SM_V9_1 Liftoff CDS     51267932        51268565        .       -
        1       Parent=Smp_105040.1
SM_V9_1 Liftoff CDS     51268601        51268868        .       -
        2       Parent=Smp_105040.1
SM_V9_1 Liftoff CDS     51268912        51269026        .       -
        0       Parent=Smp_105040.1
SM_V9_1 iris    gene    51289960        51294463        .       +
        .
ID=Smp_301790;geneID=Smp_301790;gene_name=Smp_301790;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_1 iris    mRNA    51289960        51294463        .       +
        .
ID=Smp_301790.1;Parent=Smp_301790;geneID=Smp_301790;gene_name=Smp_30
1790;owner=irisadmin@local.host;orig_id=Smp_301790.2;date_last_modif
ied=2022-07-23;Name=Smp_301790.1;product=Bifunctional purine
biosynthesis protein PurH;date_creation=2022-07-23
SM_V9_1 iris    exon    51289960        51290894        .       +
        .       Parent=Smp_301790.1;Name=ed2c34a4-c894-4af0-be8b-
cc1779775bba
SM_V9_1 iris    exon    51293283        51294463        .       +
        .
Parent=Smp_301790.1;Name=d3940a6c-2e16-4fe3-885e-2d784f1c0f54
SM_V9_1 iris    CDS     51290301        51290894        .       +
        0       Parent=Smp_301790.1
SM_V9_1 iris    CDS     51293283        51294275        .       +
        0       Parent=Smp_301790.1
SM_V9_1 Liftoff gene    51310780        51340064        .       +
        .       ID=Smp_105020;geneID=Smp_105020
SM_V9_1 Liftoff mRNA    51310780        51340064        .       +
        .
ID=Smp_105020.1;Parent=Smp_105020;geneID=Smp_105020;product=Titin;po
lypeptide_domain=InterPro:IPR003598,IPR003599,IPR007110,IPR013098,IP
R013783 Pfam:PF07679
SM_V9_1 Liftoff exon    51310780        51311232        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51313225        51313363        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51317733        51317998        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51318163        51318301        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51318956        51319054        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51319660        51319832        .       +
        .       Parent=Smp_105020.1
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SM_V9_1 Liftoff exon    51321858        51322055        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51322138        51322330        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51323814        51323981        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51327864        51327959        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51328083        51328260        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51329042        51329231        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51332173        51332286        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51333090        51333193        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff exon    51339097        51340064        .       +
        .       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51311043        51311232        .       +
        0       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51313225        51313363        .       +
        2       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51317733        51317998        .       +
        1       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51318163        51318301        .       +
        2       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51318956        51319054        .       +
        1       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51319660        51319832        .       +
        1       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51321858        51322055        .       +
        2       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51322138        51322330        .       +
        2       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51323814        51323981        .       +
        1       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51327864        51327959        .       +
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SM_V9_1 Liftoff CDS     51328083        51328260        .       +
        1       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51329042        51329231        .       +
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SM_V9_1 Liftoff CDS     51332173        51332286        .       +
        2       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51333090        51333193        .       +
        2       Parent=Smp_105020.1
SM_V9_1 Liftoff CDS     51339097        51339132        .       +
        0       Parent=Smp_105020.1
SM_V9_1 iris    gene    51342821        51400644        .       -
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ID=Smp_180810;geneID=Smp_180810;gene_name=Smp_180810;owner=irisadmin
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SM_V9_1 iris    mRNA    51342821        51400644        .       -
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ied=2022-07-23;Name=Smp_180810.1;product=Papilin;date_creation=2022-
07-23
SM_V9_1 iris    exon    51342821        51343374        .       -
        .       Parent=Smp_180810.1;Name=863679c8-344c-4fbd-be4d-
f6c6bc4f6332
SM_V9_1 iris    exon    51344042        51344353        .       -
        .       Parent=Smp_180810.1;Name=3ecea62f-1fe1-40ba-8270-
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SM_V9_1 iris    exon    51345795        51345959        .       -
        .       Parent=Smp_180810.1;Name=9741503c-288e-44a1-9066-
e3bf57a37941
SM_V9_1 iris    exon    51346617        51346674        .       -
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ad22178440df
SM_V9_1 iris    exon    51353132        51353536        .       -
        .
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        .       Parent=Smp_180810.1;Name=87edaf38-
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Parent=Smp_180810.1;Name=53f6d56c-1b77-4727-9641-752d67678f55
SM_V9_1 iris    exon    51360325        51360504        .       -
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Parent=Smp_180810.1;Name=1b76aa61-2858-402f-8e61-4cd50d0ad435
SM_V9_1 iris    exon    51362207        51362506        .       -
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        .       Parent=Smp_180810.1;Name=bba285c7-2369-4831-
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SM_V9_1 iris    exon    51369538        51369855        .       -
        .
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        .       Parent=Smp_180810.1;Name=2c46b043-a987-478d-9155-
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SM_V9_1 iris    exon    51372039        51372290        .       -
        .       Parent=Smp_180810.1;Name=0f1ff51d-df34-4609-8670-
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SM_V9_1 iris    exon    51372926        51373162        .       -
        .       Parent=Smp_180810.1;Name=4f85f8cb-
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SM_V9_1 iris    exon    51374855        51375238        .       -
        .
Parent=Smp_180810.1;Name=9b266972-902e-4e3d-8df2-76f64b002e15
SM_V9_1 iris    exon    51377601        51377939        .       -
        .       Parent=Smp_180810.1;Name=bd73f42e-823c-4c12-8ca6-
d83837d89c64
SM_V9_1 iris    exon    51382341        51382565        .       -
        .       Parent=Smp_180810.1;Name=891dc472-9f77-4c98-
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b7ab-3739ed49695e
SM_V9_1 iris    exon    51384386        51384571        .       -
        .       Parent=Smp_180810.1;Name=74494d55-859e-422b-975e-
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SM_V9_1 iris    exon    51391716        51392371        .       -
        .
Parent=Smp_180810.1;Name=be4fe865-4955-4e91-92b0-3ce0ecd0497d
SM_V9_1 iris    exon    51395321        51395360        .       -
        .       Parent=Smp_180810.1;Name=c1e96cab-1a5a-499e-
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SM_V9_1 iris    exon    51397494        51397659        .       -
        .       Parent=Smp_180810.1;Name=4b7041da-41ea-4d75-82fc-
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SM_V9_1 iris    exon    51400413        51400644        .       -
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        1       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51346617        51346674        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51353132        51353536        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51357626        51357956        .       -
        0       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51359091        51359281        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51360325        51360504        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51362207        51362506        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51367406        51367633        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51369538        51369855        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51370879        51371085        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51372039        51372290        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51372926        51373162        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51374855        51375238        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51377601        51377939        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51382341        51382565        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51384386        51384571        .       -
        2       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51391716        51392371        .       -
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        2       Parent=Smp_180810.1
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        0       Parent=Smp_180810.1
SM_V9_1 iris    CDS     51400413        51400478        .       -
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SM_V9_1 Liftoff gene    51416132        51423905        .       +
        .       ID=Smp_180800;geneID=Smp_180800
SM_V9_1 Liftoff mRNA    51416132        51423905        .       +
        .
ID=Smp_180800.1;Parent=Smp_180800;geneID=Smp_180800;product=Protein
LLP homolog;polypeptide_domain=InterPro:IPR018784 Pfam:PF10169
SM_V9_1 Liftoff exon    51416132        51423536        .       +
        .       Parent=Smp_180800.1
SM_V9_1 Liftoff exon    51423572        51423905        .       +
        .       Parent=Smp_180800.1
SM_V9_1 Liftoff CDS     51423371        51423536        .       +
        0       Parent=Smp_180800.1
SM_V9_1 Liftoff CDS     51423572        51423714        .       +
        2       Parent=Smp_180800.1
SM_V9_1 iris    gene    51429993        51438632        .       -
        .
ID=Smp_104980;geneID=Smp_104980;gene_name=Smp_104980;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    51429993        51438632        .       -
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a7ec-1502b8c71dfa
SM_V9_1 iris    exon    51437950        51438219        .       -
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b339-283cd7a376d1
SM_V9_1 iris    exon    51438256        51438632        .       -
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SM_V9_1 iris    CDS     51436520        51436791        .       -
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SM_V9_1 iris    CDS     51438256        51438381        .       -
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        .
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protein Spartan;date_creation=2022-07-28
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b612-6b5a0f8c3f76
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d504ce07e1d0
SM_V9_1 iris    exon    51444898        51444942        .       +
        .       Parent=Smp_092850.1;Name=0e7d48bb-3fa9-482d-9c49-
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SM_V9_1 iris    exon    51444976        51445050        .       +
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        .       Parent=Smp_092850.1;Name=9c655b97-
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SM_V9_1 iris    exon    51459059        51459151        .       +
        .       Parent=Smp_092850.1;Name=7d4facfa-265b-4d2d-
a369-79027038540b
SM_V9_1 iris    exon    51461212        51461565        .       +
        .       Parent=Smp_092850.1;Name=119c7d43-4640-47df-a6a7-
d9d165c107a2
SM_V9_1 iris    CDS     51444468        51444551        .       +
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SM_V9_1 iris    CDS     51444590        51444865        .       +
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SM_V9_1 iris    CDS     51444898        51444942        .       +
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        0       Parent=Smp_092850.1
SM_V9_1 iris    CDS     51459059        51459151        .       +
        2       Parent=Smp_092850.1
SM_V9_1 iris    CDS     51461212        51461522        .       +
        2       Parent=Smp_092850.1
SM_V9_1 Liftoff gene    51520406        51595243        .       +
        .
ID=Smp_301800;geneID=Smp_301800;previous_systematic_id=Smp_141730,Sm
p_141740,Smp_196990
SM_V9_1 Liftoff mRNA    51520406        51595243        .       +
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herin-11 X-
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56,GO:0016020
SM_V9_1 Liftoff exon    51520406        51523467        .       +
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reductase;date_creation=2022-07-28
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        .
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ore-associated protein 1
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SM_V9_1 Liftoff exon    51619831        51619945        .       +
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        .       Parent=Smp_141710.1
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        .       Parent=Smp_141710.1
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        .       Parent=Smp_141710.1
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        .       Parent=Smp_141710.1
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SM_V9_1 Liftoff exon    51648430        51648976        .       +
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SM_V9_1 Liftoff exon    51666741        51666836        .       +
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        .       Parent=Smp_141710.1
SM_V9_1 Liftoff exon    51673445        51674747        .       +
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SM_V9_1 Liftoff CDS     51637273        51637408        .       +
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SM_V9_1 Liftoff CDS     51648430        51648976        .       +
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Pfam:PF04707
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        .       Parent=Smp_141690.1
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        .       Parent=Smp_141690.1
SM_V9_1 Liftoff exon    51738222        51739228        .       -
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SM_V9_1 Liftoff CDS     51729743        51730253        .       -
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SM_V9_1 Liftoff CDS     51733130        51733451        .       -
        2       Parent=Smp_141690.1
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SM_V9_1 Liftoff mRNA    51755260        51783058        .       -
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SM_V9_1 Liftoff exon    51759380        51759527        .       -
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SM_V9_1 Liftoff exon    51760256        51760418        .       -
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SM_V9_1 Liftoff exon    51777209        51777366        .       -
        .       Parent=Smp_141680.1
SM_V9_1 Liftoff exon    51778927        51779078        .       -
        .       Parent=Smp_141680.1
SM_V9_1 Liftoff exon    51780488        51780677        .       -
        .       Parent=Smp_141680.1
SM_V9_1 Liftoff exon    51782771        51783058        .       -
        .       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51755458        51755609        .       -
        2       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51757927        51758068        .       -
        0       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51759380        51759527        .       -
        1       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51760256        51760418        .       -
        2       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51762833        51762953        .       -
        0       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51766928        51767057        .       -
        1       Parent=Smp_141680.1
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SM_V9_1 Liftoff CDS     51770549        51770687        .       -
        2       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51772450        51772618        .       -
        0       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51774645        51774810        .       -
        1       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51777209        51777366        .       -
        0       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51778927        51779078        .       -
        2       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51780488        51780677        .       -
        0       Parent=Smp_141680.1
SM_V9_1 Liftoff CDS     51782771        51782920        .       -
        0       Parent=Smp_141680.1
SM_V9_1 Liftoff gene    51784346        51820823        .       +
        .
ID=Smp_343460;geneID=Smp_343460;previous_systematic_id=Smp_141670
SM_V9_1 Liftoff mRNA    51784346        51820823        .       +
        .
ID=Smp_343460.1;Parent=Smp_343460;geneID=Smp_343460;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    51784346        51784938        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51787622        51787968        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51789987        51790162        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51791685        51792110        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51793590        51793904        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51798763        51799028        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51800030        51800255        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51805127        51805569        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51814043        51814314        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51815207        51815661        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51817907        51818156        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff exon    51820609        51820823        .       +
        .       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51784856        51784938        .       +
        0       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51787622        51787968        .       +
        1       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51789987        51790162        .       +
        2       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51791685        51792110        .       +
        0       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51793590        51793904        .       +
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        0       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51798763        51799028        .       +
        0       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51800030        51800255        .       +
        1       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51805127        51805569        .       +
        0       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51814043        51814314        .       +
        1       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51815207        51815661        .       +
        2       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51817907        51818156        .       +
        0       Parent=Smp_343460.1
SM_V9_1 Liftoff CDS     51820609        51820625        .       +
        2       Parent=Smp_343460.1
SM_V9_1 Liftoff gene    51823774        51824258        .       -
        .       ID=Smp_036220;geneID=Smp_036220
SM_V9_1 Liftoff mRNA    51823774        51824258        .       -
        .
ID=Smp_036220.1;Parent=Smp_036220;geneID=Smp_036220;product=Histone
H2B.3;polypeptide_domain=InterPro:IPR000558,IPR007125,IPR009072
Pfam:PF00125;Ontology_term=GO:0000786,GO:0003677,GO:0046982
SM_V9_1 Liftoff exon    51823774        51824258        .       -
        .       Parent=Smp_036220.1
SM_V9_1 Liftoff CDS     51823832        51824200        .       -
        0       Parent=Smp_036220.1
SM_V9_1 iris    gene    51835225        51857795        .       -
        .
ID=Smp_141660;geneID=Smp_141660;gene_name=Smp_141660;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    51835225        51857795        .       -
        .
ID=Smp_141660.1;Parent=Smp_141660;geneID=Smp_141660;gene_name=Smp_14
1660;owner=irisadmin@local.host;orig_id=Smp_141660.2;date_last_modif
ied=2022-08-01;Name=Smp_141660.1;product=high voltage-activated
calcium channel beta subunit 2;date_creation=2022-07-28
SM_V9_1 iris    exon    51835225        51836287        .       -
        .       Parent=Smp_141660.1;Name=2d34b130-6bf7-40f7-
babe-1edf439586e1
SM_V9_1 iris    exon    51838694        51838825        .       -
        .       Parent=Smp_141660.1;Name=faaa149c-9a8d-4e40-9de4-
b3b3d8e7ccd3
SM_V9_1 iris    exon    51840998        51841104        .       -
        .
Parent=Smp_141660.1;Name=bcccd9d1-3728-4a0c-98db-18887977c0dd
SM_V9_1 iris    exon    51841690        51842050        .       -
        .       Parent=Smp_141660.1;Name=829b362b-5840-4311-a884-
ca1a005d8e05
SM_V9_1 iris    exon    51842901        51843145        .       -
        .       Parent=Smp_141660.1;Name=e196e8d6-ea3b-43b0-93f3-
f41fc16d832a
SM_V9_1 iris    exon    51844762        51844874        .       -
        .       Parent=Smp_141660.1;Name=8498ae33-4703-4311-9d99-
aec37de407fd
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SM_V9_1 iris    exon    51845853        51845992        .       -
        .       Parent=Smp_141660.1;Name=0370e827-8878-47d1-84a0-
fd1dca951cc8
SM_V9_1 iris    exon    51848742        51848860        .       -
        .
Parent=Smp_141660.1;Name=209b25fb-0015-4ac4-9571-0047159edd17
SM_V9_1 iris    exon    51852278        51852342        .       -
        .       Parent=Smp_141660.1;Name=a67e73c5-d541-45b8-9511-
d3b6b4e23303
SM_V9_1 iris    exon    51852654        51852796        .       -
        .       Parent=Smp_141660.1;Name=aa4e8a22-
d6c6-438f-9c5a-37a76d97eb7c
SM_V9_1 iris    exon    51855279        51855374        .       -
        .       Parent=Smp_141660.1;Name=f7e4a5cd-2382-476c-
b4df-489a8b5aa14b
SM_V9_1 iris    exon    51856104        51856314        .       -
        .       Parent=Smp_141660.1;Name=484749f7-6921-4a65-9c71-
ff13968bded4
SM_V9_1 iris    exon    51857721        51857795        .       -
        .       Parent=Smp_141660.1;Name=246b0d43-0288-4e5a-86a9-
b03bb5e78029
SM_V9_1 iris    CDS     51836222        51836287        .       -
        0       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51838694        51838825        .       -
        0       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51840998        51841104        .       -
        2       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51841690        51842050        .       -
        0       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51842901        51843145        .       -
        2       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51844762        51844874        .       -
        1       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51845853        51845992        .       -
        0       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51848742        51848860        .       -
        2       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51852278        51852342        .       -
        1       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51852654        51852796        .       -
        0       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51855279        51855374        .       -
        0       Parent=Smp_141660.1
SM_V9_1 iris    CDS     51856104        51856301        .       -
        0       Parent=Smp_141660.1
SM_V9_1 iris    gene    51862817        51872886        .       +
        .
ID=Smp_141650;geneID=Smp_141650;gene_name=Smp_141650;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    51862817        51872886        .       +
        .
ID=Smp_141650.1;Parent=Smp_141650;geneID=Smp_141650;gene_name=Smp_14
1650;owner=irisadmin@local.host;orig_id=Smp_141650.1;date_last_modif
ied=2022-08-01;Name=Smp_141650.1;product=Resistance to inhibitors of
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cholinesterase protein 3;date_creation=2022-07-28
SM_V9_1 iris    exon    51862817        51862862        .       +
        .
Parent=Smp_141650.1;Name=87481fc3-9421-4de1-9951-26f939b452b8
SM_V9_1 iris    exon    51864393        51864553        .       +
        .       Parent=Smp_141650.1;Name=e6d23ffe-0872-4c70-
adda-651e3f7186a4
SM_V9_1 iris    exon    51864595        51864626        .       +
        .       Parent=Smp_141650.1;Name=5cee65c5-2fef-4766-bfec-
b11a57d6b3f5
SM_V9_1 iris    exon    51864661        51864801        .       +
        .       Parent=Smp_141650.1;Name=b641df5a-18f0-4a22-
a39a-1c40f96d0f38
SM_V9_1 iris    exon    51866827        51867031        .       +
        .       Parent=Smp_141650.1;Name=52d11408-9121-4559-b4b6-
b584dbb8977d
SM_V9_1 iris    exon    51867568        51867696        .       +
        .       Parent=Smp_141650.1;Name=c296254e-6f14-49d7-acd5-
ceaf90e993cd
SM_V9_1 iris    exon    51868123        51868449        .       +
        .       Parent=Smp_141650.1;Name=ae7d2829-
e840-4587-995a-79bfae0be5ff
SM_V9_1 iris    exon    51872418        51872886        .       +
        .       Parent=Smp_141650.1;Name=5341ae61-a207-4a76-
a1c4-1c4cf149942a
SM_V9_1 iris    CDS     51864415        51864553        .       +
        0       Parent=Smp_141650.1
SM_V9_1 iris    CDS     51864595        51864626        .       +
        2       Parent=Smp_141650.1
SM_V9_1 iris    CDS     51864661        51864801        .       +
        0       Parent=Smp_141650.1
SM_V9_1 iris    CDS     51866827        51867031        .       +
        0       Parent=Smp_141650.1
SM_V9_1 iris    CDS     51867568        51867696        .       +
        2       Parent=Smp_141650.1
SM_V9_1 iris    CDS     51868123        51868449        .       +
        2       Parent=Smp_141650.1
SM_V9_1 iris    CDS     51872418        51872464        .       +
        2       Parent=Smp_141650.1
SM_V9_1 iris    gene    51873992        51907166        .       -
        .
ID=Smp_036180;geneID=Smp_036180;gene_name=Smp_036180;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    51873992        51907166        .       -
        .
ID=Smp_036180.1;Parent=Smp_036180;geneID=Smp_036180;gene_name=Smp_03
6180;owner=irisadmin@local.host;orig_id=Smp_036180.3;date_last_modif
ied=2022-08-01;Name=Smp_036180.1;product=Diacylglycerol kinase
theta;date_creation=2022-07-28
SM_V9_1 iris    exon    51873992        51876121        .       -
        .       Parent=Smp_036180.1;Name=e5411423-13ee-4263-9154-
f18880a0281f
SM_V9_1 iris    exon    51876699        51876797        .       -
        .       Parent=Smp_036180.1;Name=6a9108de-74d6-4940-
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aee3-16972bfd4d5a
SM_V9_1 iris    exon    51879421        51879745        .       -
        .       Parent=Smp_036180.1;Name=4f322748-9896-434d-
b93e-8f62bc026411
SM_V9_1 iris    exon    51881076        51881279        .       -
        .       Parent=Smp_036180.1;Name=6f90da1b-3683-44d6-
ac4c-61d1110e8ff4
SM_V9_1 iris    exon    51882418        51882710        .       -
        .       Parent=Smp_036180.1;Name=42c4c057-f11f-4f25-b171-
b5987d6e4bb0
SM_V9_1 iris    exon    51884154        51884324        .       -
        .
Parent=Smp_036180.1;Name=a95602da-0a3c-4cb0-8da2-21adbe071e9b
SM_V9_1 iris    exon    51886393        51886764        .       -
        .       Parent=Smp_036180.1;Name=366c2020-e1f6-406e-afbf-
bb818f6e99ca
SM_V9_1 iris    exon    51887854        51887959        .       -
        .       Parent=Smp_036180.1;Name=10283448-bd3b-40c1-9c15-
ad72e6891cdd
SM_V9_1 iris    exon    51890478        51890619        .       -
        .       Parent=Smp_036180.1;Name=8e992bf4-650a-4c48-
a5df-8d4082fe7d4c
SM_V9_1 iris    exon    51892438        51892605        .       -
        .
Parent=Smp_036180.1;Name=9cdf724d-860e-45d2-9a40-0a479f0f9de3
SM_V9_1 iris    exon    51893539        51893643        .       -
        .
Parent=Smp_036180.1;Name=87e11905-7c20-4623-9eb7-689192b8a1cb
SM_V9_1 iris    exon    51894581        51894725        .       -
        .       Parent=Smp_036180.1;Name=888a88bf-5411-4377-b808-
d0803223e736
SM_V9_1 iris    exon    51895910        51896041        .       -
        .       Parent=Smp_036180.1;Name=0eea7763-dbfc-469d-
a31e-029d1038312a
SM_V9_1 iris    exon    51900122        51900210        .       -
        .       Parent=Smp_036180.1;Name=1139ca76-318d-481c-8411-
faf1812a83f5
SM_V9_1 iris    exon    51901972        51902074        .       -
        .       Parent=Smp_036180.1;Name=94099ba7-
c7a4-47d1-822e-97dc2a7ce9dd
SM_V9_1 iris    exon    51902544        51902623        .       -
        .
Parent=Smp_036180.1;Name=f43c14b1-035c-4f18-9158-798393b2a4fe
SM_V9_1 iris    exon    51906667        51907166        .       -
        .       Parent=Smp_036180.1;Name=c3bcdf02-eb60-4e8d-bff0-
b97d5fca9660
SM_V9_1 iris    CDS     51875564        51876121        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51876699        51876797        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51879421        51879745        .       -
        1       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51881076        51881279        .       -
        1       Parent=Smp_036180.1
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SM_V9_1 iris    CDS     51882418        51882710        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51884154        51884324        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51886393        51886764        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51887854        51887959        .       -
        1       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51890478        51890619        .       -
        2       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51892438        51892605        .       -
        2       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51893539        51893643        .       -
        2       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51894581        51894725        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51895910        51896041        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51900122        51900210        .       -
        2       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51901972        51902074        .       -
        0       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51902544        51902623        .       -
        2       Parent=Smp_036180.1
SM_V9_1 iris    CDS     51906667        51907018        .       -
        0       Parent=Smp_036180.1
SM_V9_1 Liftoff gene    51927717        51929717        .       +
        .       ID=Smp_201030;geneID=Smp_201030
SM_V9_1 Liftoff mRNA    51927717        51929717        .       +
        .
ID=Smp_201030.1;Parent=Smp_201030;geneID=Smp_201030;product=Dynein
light chain 2,
cytoplasmic;polypeptide_domain=InterPro:IPR001372,IPR019763
Pfam:PF01221;Ontology_term=GO:0005875,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    51927717        51927963        .       +
        .       Parent=Smp_201030.1
SM_V9_1 Liftoff exon    51929506        51929717        .       +
        .       Parent=Smp_201030.1
SM_V9_1 Liftoff CDS     51927773        51927963        .       +
        0       Parent=Smp_201030.1
SM_V9_1 Liftoff CDS     51929506        51929584        .       +
        1       Parent=Smp_201030.1
SM_V9_1 Liftoff gene    51932422        51932863        .       -
        .       ID=Smp_141640;geneID=Smp_141640
SM_V9_1 Liftoff mRNA    51932422        51932863        .       -
        .
ID=Smp_141640.1;Parent=Smp_141640;geneID=Smp_141640;product=Bifuncti
onal protein FolD
SM_V9_1 Liftoff exon    51932422        51932509        .       -
        .       Parent=Smp_141640.1
SM_V9_1 Liftoff exon    51932793        51932863        .       -
        .       Parent=Smp_141640.1
SM_V9_1 Liftoff CDS     51932422        51932509        .       -
        1       Parent=Smp_141640.1
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SM_V9_1 Liftoff CDS     51932793        51932863        .       -
        0       Parent=Smp_141640.1
SM_V9_1 Liftoff gene    51945997        51950353        .       -
        .       ID=Smp_319410;geneID=Smp_319410
SM_V9_1 Liftoff mRNA    51945997        51950353        .       -
        .
ID=Smp_319410.1;Parent=Smp_319410;geneID=Smp_319410;product=Dynein
light chain LC6, flagellar outer
arm;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    51945997        51946190        .       -
        .       Parent=Smp_319410.1
SM_V9_1 Liftoff exon    51949962        51950353        .       -
        .       Parent=Smp_319410.1
SM_V9_1 Liftoff CDS     51946112        51946190        .       -
        1       Parent=Smp_319410.1
SM_V9_1 Liftoff CDS     51949962        51950161        .       -
        0       Parent=Smp_319410.1
SM_V9_1 iris    gene    51959100        51973983        .       -
        .
ID=Smp_141630;geneID=Smp_141630;gene_name=Smp_141630;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-07-28
SM_V9_1 iris    mRNA    51959100        51973983        .       -
        .
ID=Smp_141630.1;Parent=Smp_141630;geneID=Smp_141630;gene_name=Smp_14
1630;owner=irisadmin@local.host;orig_id=Smp_141630.1;date_last_modif
ied=2022-08-16;Name=Smp_141630.1;product=Splicing factor 3B subunit
1;date_creation=2022-07-28
SM_V9_1 iris    exon    51959100        51959453        .       -
        .       Parent=Smp_141630.1;Name=33f2488f-42e2-4cc5-adc0-
b13b50f65cdd
SM_V9_1 iris    exon    51959981        51960197        .       -
        .       Parent=Smp_141630.1;Name=b109c032-e582-4c48-8f61-
e420cdd2f55d
SM_V9_1 iris    exon    51960268        51960500        .       -
        .       Parent=Smp_141630.1;Name=bb37746d-3f29-4d0c-88d8-
aafa24210038
SM_V9_1 iris    exon    51960611        51960836        .       -
        .       Parent=Smp_141630.1;Name=c241c0d3-2e21-4e3d-
a713-0c6a6f1c0937
SM_V9_1 iris    exon    51961191        51961552        .       -
        .       Parent=Smp_141630.1;Name=23d7e47b-dff3-4865-
b8e0-641e4783e4c5
SM_V9_1 iris    exon    51962200        51962421        .       -
        .
Parent=Smp_141630.1;Name=2a3cdb83-2ac0-4ca4-8195-013c38355f37
SM_V9_1 iris    exon    51963913        51964602        .       -
        .       Parent=Smp_141630.1;Name=131df379-8f27-4964-92aa-
ca5d42b0c4f6
SM_V9_1 iris    exon    51966137        51966280        .       -
        .       Parent=Smp_141630.1;Name=bfcc45f4-
bb20-4521-9f10-8edd91451dc7
SM_V9_1 iris    exon    51967304        51967525        .       -
        .       Parent=Smp_141630.1;Name=1b462518-
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a0b7-43b7-887b-31012ca8487b
SM_V9_1 iris    exon    51969968        51970227        .       -
        .       Parent=Smp_141630.1;Name=198b2e14-d2d2-4691-
ad33-0da0f7f114b7
SM_V9_1 iris    exon    51971387        51971672        .       -
        .       Parent=Smp_141630.1;Name=310768aa-fe21-47d2-ab37-
bfb00badd236
SM_V9_1 iris    exon    51972547        51972834        .       -
        .       Parent=Smp_141630.1;Name=30a03a23-
db1b-42f9-85d7-207be1f1ed86
SM_V9_1 iris    exon    51972908        51973353        .       -
        .       Parent=Smp_141630.1;Name=1932a6d1-39bd-4183-96eb-
eeb3457cd48d
SM_V9_1 iris    exon    51973762        51973863        .       -
        .
Parent=Smp_141630.1;Name=e0a868a4-4e35-4d77-8ebb-42b9040e7966
SM_V9_1 iris    exon    51973905        51973983        .       -
        .       Parent=Smp_141630.1;Name=75392642-
df2f-4129-8e91-1741184ab8d7
SM_V9_1 iris    CDS     51959295        51959453        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51959981        51960197        .       -
        1       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51960268        51960500        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51960611        51960836        .       -
        1       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51961191        51961552        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51962200        51962421        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51963913        51964602        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51966137        51966280        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51967304        51967525        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51969968        51970227        .       -
        2       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51971387        51971672        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51972547        51972834        .       -
        0       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51972908        51973353        .       -
        2       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51973762        51973863        .       -
        2       Parent=Smp_141630.1
SM_V9_1 iris    CDS     51973905        51973920        .       -
        0       Parent=Smp_141630.1
SM_V9_1 Liftoff gene    52001334        52002363        .       -
        .       ID=Smp_319420;geneID=Smp_319420
SM_V9_1 Liftoff mRNA    52001334        52002363        .       -
        .
ID=Smp_319420.1;Parent=Smp_319420;geneID=Smp_319420;product=Potassiu
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m-transporting ATPase potassium-binding subunit
SM_V9_1 Liftoff exon    52001334        52001687        .       -
        .       Parent=Smp_319420.1
SM_V9_1 Liftoff exon    52002191        52002261        .       -
        .       Parent=Smp_319420.1
SM_V9_1 Liftoff exon    52002319        52002363        .       -
        .       Parent=Smp_319420.1
SM_V9_1 Liftoff CDS     52001583        52001687        .       -
        0       Parent=Smp_319420.1
SM_V9_1 Liftoff CDS     52002191        52002261        .       -
        2       Parent=Smp_319420.1
SM_V9_1 Liftoff CDS     52002319        52002340        .       -
        0       Parent=Smp_319420.1
SM_V9_1 Liftoff gene    52006914        52007923        .       +
        .       ID=Smp_319460;geneID=Smp_319460
SM_V9_1 Liftoff mRNA    52006914        52007923        .       +
        .
ID=Smp_319460.1;Parent=Smp_319460;geneID=Smp_319460;product=Potassiu
m-transporting ATPase potassium-binding subunit
SM_V9_1 Liftoff exon    52006914        52006960        .       +
        .       Parent=Smp_319460.1
SM_V9_1 Liftoff exon    52007018        52007088        .       +
        .       Parent=Smp_319460.1
SM_V9_1 Liftoff exon    52007592        52007923        .       +
        .       Parent=Smp_319460.1
SM_V9_1 Liftoff CDS     52006939        52006960        .       +
        0       Parent=Smp_319460.1
SM_V9_1 Liftoff CDS     52007018        52007088        .       +
        2       Parent=Smp_319460.1
SM_V9_1 Liftoff CDS     52007592        52007696        .       +
        0       Parent=Smp_319460.1
SM_V9_1 Liftoff gene    52017183        52018213        .       -
        .       ID=Smp_319440;geneID=Smp_319440
SM_V9_1 Liftoff mRNA    52017183        52018213        .       -
        .
ID=Smp_319440.1;Parent=Smp_319440;geneID=Smp_319440;product=Potassiu
m-transporting ATPase potassium-binding subunit
SM_V9_1 Liftoff exon    52017183        52017536        .       -
        .       Parent=Smp_319440.1
SM_V9_1 Liftoff exon    52018040        52018110        .       -
        .       Parent=Smp_319440.1
SM_V9_1 Liftoff exon    52018168        52018213        .       -
        .       Parent=Smp_319440.1
SM_V9_1 Liftoff CDS     52017432        52017536        .       -
        0       Parent=Smp_319440.1
SM_V9_1 Liftoff CDS     52018040        52018110        .       -
        2       Parent=Smp_319440.1
SM_V9_1 Liftoff CDS     52018168        52018189        .       -
        0       Parent=Smp_319440.1
SM_V9_1 iris    gene    52022757        52023806        .       +
        .
ID=Smp_319450;geneID=Smp_319450;gene_name=Smp_319450;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    52022757        52023806        .       +
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        .
ID=Smp_319450.1;Parent=Smp_319450;geneID=Smp_319450;gene_name=Smp_31
9450;owner=irisadmin@local.host;orig_id=Smp_319450.1;date_last_modif
ied=2022-08-16;Name=Smp_319450.1;product=Potassium-transporting
ATPase potassium-binding subunit;date_creation=2022-08-16
SM_V9_1 iris    exon    52022757        52022809        .       +
        .       Parent=Smp_319450.1;Name=03823c02-b579-4d06-
b8ca-979781d884de
SM_V9_1 iris    exon    52022867        52022937        .       +
        .       Parent=Smp_319450.1;Name=52d04d5e-940a-46d2-
aafd-85b409d6bcd9
SM_V9_1 iris    exon    52023441        52023806        .       +
        .       Parent=Smp_319450.1;Name=241b8776-44be-497a-938d-
ebfc1a197258
SM_V9_1 iris    CDS     52022788        52022809        .       +
        0       Parent=Smp_319450.1
SM_V9_1 iris    CDS     52022867        52022937        .       +
        2       Parent=Smp_319450.1
SM_V9_1 iris    CDS     52023441        52023545        .       +
        0       Parent=Smp_319450.1
SM_V9_1 iris    gene    52033030        52034070        .       -
        .
ID=Smp_319430;geneID=Smp_319430;gene_name=Smp_319430;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    52033030        52034070        .       -
        .
ID=Smp_319430.1;Parent=Smp_319430;geneID=Smp_319430;gene_name=Smp_31
9430;owner=irisadmin@local.host;orig_id=Smp_319430.1;date_last_modif
ied=2022-08-16;Name=Smp_319430.1;product=Potassium-transporting
ATPase potassium-binding subunit;date_creation=2022-08-16
SM_V9_1 iris    exon    52033030        52033385        .       -
        .       Parent=Smp_319430.1;Name=c57d7776-567f-4007-
b903-9babc0f837fd
SM_V9_1 iris    exon    52033889        52033959        .       -
        .       Parent=Smp_319430.1;Name=6f232f60-2594-4cb6-
a33f-35385a62bc7a
SM_V9_1 iris    exon    52034017        52034070        .       -
        .       Parent=Smp_319430.1;Name=3553e875-9e46-4d32-
b99c-02e0638bfd65
SM_V9_1 iris    CDS     52033281        52033385        .       -
        0       Parent=Smp_319430.1
SM_V9_1 iris    CDS     52033889        52033959        .       -
        2       Parent=Smp_319430.1
SM_V9_1 iris    CDS     52034017        52034038        .       -
        0       Parent=Smp_319430.1
SM_V9_1 Liftoff gene    52046787        52093165        .       +
        .       ID=Smp_168000;geneID=Smp_168000
SM_V9_1 Liftoff mRNA    52046787        52093165        .       +
        .
ID=Smp_168000.1;Parent=Smp_168000;geneID=Smp_168000;product=Monocarb
oxylate transporter
14;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_1 Liftoff exon    52046787        52048133        .       +
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        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52049359        52049502        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52051227        52051375        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52055134        52055501        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52061168        52061214        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52067105        52067364        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52069694        52070313        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52075892        52076739        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52078208        52078297        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52080161        52080340        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52081049        52081174        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52089704        52089860        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff exon    52092825        52093165        .       +
        .       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52047740        52048133        .       +
        0       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52049359        52049502        .       +
        2       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52051227        52051375        .       +
        2       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52055134        52055501        .       +
        0       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52061168        52061214        .       +
        1       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52067105        52067364        .       +
        2       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52069694        52070313        .       +
        0       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52075892        52076739        .       +
        1       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52078208        52078297        .       +
        2       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52080161        52080340        .       +
        2       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52081049        52081174        .       +
        2       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52089704        52089860        .       +
        2       Parent=Smp_168000.1
SM_V9_1 Liftoff CDS     52092825        52092840        .       +
        1       Parent=Smp_168000.1
SM_V9_1 Liftoff gene    52105136        52119093        .       -
        .       ID=Smp_084600;geneID=Smp_084600
SM_V9_1 Liftoff mRNA    52105136        52119093        .       -
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        .
ID=Smp_084600.1;Parent=Smp_084600;geneID=Smp_084600;product=Glucose-
6-phosphate exchanger
SLC37A2;polypeptide_domain=InterPro:IPR000849,IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0005215,GO:0006810,GO:0016021,GO:00550
85
SM_V9_1 Liftoff exon    52105136        52105815        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52107423        52107575        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52109267        52109315        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52109717        52109806        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52112030        52112218        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52113094        52113198        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52115378        52115624        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52116458        52116534        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52116563        52116698        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52116731        52116809        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52116846        52117003        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff exon    52117040        52119093        .       -
        .       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52105634        52105815        .       -
        2       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52107423        52107575        .       -
        2       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52109267        52109315        .       -
        0       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52109717        52109806        .       -
        0       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52112030        52112218        .       -
        0       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52113094        52113198        .       -
        0       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52115378        52115624        .       -
        1       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52116458        52116534        .       -
        0       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52116563        52116698        .       -
        1       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52116731        52116809        .       -
        2       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52116846        52117003        .       -
        1       Parent=Smp_084600.1
SM_V9_1 Liftoff CDS     52117040        52117107        .       -
        0       Parent=Smp_084600.1
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SM_V9_1 iris    gene    52121967        52143261        .       +
       .
ID=Smp_084610;geneID=Smp_084610;gene_name=Smp_084610;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    52121967        52143261        .       +
       .
ID=Smp_084610.1;Parent=Smp_084610;geneID=Smp_084610;gene_name=Smp_08
4610;owner=irisadmin@local.host;orig_id=Smp_084610.1;date_last_modif
ied=2022-08-01;Name=Smp_084610.1;product=FAS-associated factor
2;date_creation=2022-07-28
SM_V9_1 iris    exon    52121967        52122157        .       +
       .       Parent=Smp_084610.1;Name=4ab83ab6-
f22e-4179-8b59-2664a5417364
SM_V9_1 iris    exon    52122190        52122273        .       +
       .
Parent=Smp_084610.1;Name=c9744102-1e37-4136-9254-89b879742ef6
SM_V9_1 iris    exon    52122306        52122444        .       +
       .
Parent=Smp_084610.1;Name=d7c0b21c-7f0f-4dc5-8446-5a949a394792
SM_V9_1 iris    exon    52126221        52126250        .       +
       .       Parent=Smp_084610.1;Name=6af0f03b-505c-4aea-
af6e-483154fe92a9
SM_V9_1 iris    exon    52131112        52131358        .       +
       .       Parent=Smp_084610.1;Name=11f42599-6da4-43f1-
a882-1075c67e1835
SM_V9_1 iris    exon    52132526        52132689        .       +
       .       Parent=Smp_084610.1;Name=ac45891e-3193-4bf2-8374-
e39df3afd4a8
SM_V9_1 iris    exon    52134103        52134253        .       +
       .       Parent=Smp_084610.1;Name=e8bc02d6-
ae54-40bc-8224-04975678f266
SM_V9_1 iris    exon    52141805        52142120        .       +
       .
Parent=Smp_084610.1;Name=e9e18b9e-9e22-4cf5-972e-54d14e7292ba
SM_V9_1 iris    exon    52142219        52143261        .       +
       .       Parent=Smp_084610.1;Name=9f194ab8-4c99-4fdd-8d8a-
d22b7c3a5f5c
SM_V9_1 iris    CDS     52122014        52122157        .       +
       0       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52122190        52122273        .       +
       0       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52122306        52122444        .       +
       0       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52126221        52126250        .       +
       2       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52131112        52131358        .       +
       2       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52132526        52132689        .       +
       1       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52134103        52134253        .       +
       2       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52141805        52142120        .       +
       1       Parent=Smp_084610.1
SM_V9_1 iris    CDS     52142219        52142485        .       +
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        0       Parent=Smp_084610.1
SM_V9_1 Liftoff gene    52149060        52154983        .       -
        .       ID=Smp_084620;geneID=Smp_084620
SM_V9_1 Liftoff mRNA    52149060        52154983        .       -
        .
ID=Smp_084620.1;Parent=Smp_084620;geneID=Smp_084620;product=Activate
d RNA polymerase II transcriptional coactivator
p15;polypeptide_domain=InterPro:IPR003173,IPR009044
Pfam:PF02229;Ontology_term=GO:0003677,GO:0003713,GO:0006355
SM_V9_1 Liftoff exon    52149060        52150646        .       -
        .       Parent=Smp_084620.1
SM_V9_1 Liftoff exon    52152120        52152318        .       -
        .       Parent=Smp_084620.1
SM_V9_1 Liftoff exon    52152351        52154983        .       -
        .       Parent=Smp_084620.1
SM_V9_1 Liftoff CDS     52150561        52150646        .       -
        2       Parent=Smp_084620.1
SM_V9_1 Liftoff CDS     52152120        52152318        .       -
        0       Parent=Smp_084620.1
SM_V9_1 Liftoff CDS     52152351        52152419        .       -
        0       Parent=Smp_084620.1
SM_V9_1 Liftoff gene    52210516        52220771        .       -
        .       ID=Smp_037910;geneID=Smp_037910
SM_V9_1 Liftoff mRNA    52210516        52220771        .       -
        .
ID=Smp_037910.1;Parent=Smp_037910;geneID=Smp_037910;product=Succinat
e dehydrogenase [ubiquinone] cytochrome b small subunit,
mitochondrial;polypeptide_domain=InterPro:IPR007992
Pfam:PF05328;Ontology_term=GO:0005740,GO:0016021
SM_V9_1 Liftoff exon    52210516        52213426        .       -
        .       Parent=Smp_037910.1
SM_V9_1 Liftoff exon    52215850        52216009        .       -
        .       Parent=Smp_037910.1
SM_V9_1 Liftoff exon    52220613        52220771        .       -
        .       Parent=Smp_037910.1
SM_V9_1 Liftoff CDS     52213249        52213426        .       -
        1       Parent=Smp_037910.1
SM_V9_1 Liftoff CDS     52215850        52216009        .       -
        2       Parent=Smp_037910.1
SM_V9_1 Liftoff CDS     52220613        52220733        .       -
        0       Parent=Smp_037910.1
SM_V9_1 Liftoff gene    52227425        52243558        .       +
        .       ID=Smp_037900;geneID=Smp_037900
SM_V9_1 Liftoff mRNA    52227425        52243558        .       +
        .
ID=Smp_037900.1;Parent=Smp_037900;geneID=Smp_037900;product=Serine
beta-lactamase-like protein LACTB,
mitochondrial;polypeptide_domain=InterPro:IPR001466,IPR012338
Pfam:PF00144
SM_V9_1 Liftoff exon    52227425        52232194        .       +
        .       Parent=Smp_037900.1
SM_V9_1 Liftoff exon    52232237        52232303        .       +
        .       Parent=Smp_037900.1
SM_V9_1 Liftoff exon    52232416        52232606        .       +
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        .       Parent=Smp_037900.1
SM_V9_1 Liftoff exon    52238016        52238099        .       +
        .       Parent=Smp_037900.1
SM_V9_1 Liftoff exon    52239499        52239857        .       +
        .       Parent=Smp_037900.1
SM_V9_1 Liftoff exon    52241141        52241398        .       +
        .       Parent=Smp_037900.1
SM_V9_1 Liftoff exon    52242665        52243558        .       +
        .       Parent=Smp_037900.1
SM_V9_1 Liftoff CDS     52232024        52232194        .       +
        0       Parent=Smp_037900.1
SM_V9_1 Liftoff CDS     52232237        52232303        .       +
        0       Parent=Smp_037900.1
SM_V9_1 Liftoff CDS     52232416        52232606        .       +
        2       Parent=Smp_037900.1
SM_V9_1 Liftoff CDS     52238016        52238099        .       +
        0       Parent=Smp_037900.1
SM_V9_1 Liftoff CDS     52239499        52239857        .       +
        0       Parent=Smp_037900.1
SM_V9_1 Liftoff CDS     52241141        52241398        .       +
        1       Parent=Smp_037900.1
SM_V9_1 Liftoff CDS     52242665        52243067        .       +
        1       Parent=Smp_037900.1
SM_V9_1 iris    gene    52245483        52263792        .       -
        .
ID=Smp_142670;geneID=Smp_142670;gene_name=Smp_142670;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    52245483        52263792        .       -
        .
ID=Smp_142670.1;Parent=Smp_142670;geneID=Smp_142670;gene_name=Smp_14
2670;owner=irisadmin@local.host;orig_id=Smp_142670.1;date_last_modif
ied=2022-08-16;Name=Smp_142670.1;product=Intraflagellar transport
protein 46 homolog;date_creation=2022-08-16
SM_V9_1 iris    exon    52245483        52245593        .       -
        .       Parent=Smp_142670.1;Name=72fb97d2-805c-4679-
a884-5ee17307f451
SM_V9_1 iris    exon    52246262        52246347        .       -
        .       Parent=Smp_142670.1;Name=a7cd35d6-04b4-4239-
af4a-2596edf90521
SM_V9_1 iris    exon    52252050        52252177        .       -
        .       Parent=Smp_142670.1;Name=06d1b48a-8254-44b9-bddb-
ccddc72a8c38
SM_V9_1 iris    exon    52253743        52253855        .       -
        .       Parent=Smp_142670.1;Name=ce2695b8-c505-404a-94da-
c3aa15b8a6e2
SM_V9_1 iris    exon    52255444        52255578        .       -
        .       Parent=Smp_142670.1;Name=883affc2-88bc-4d20-8a23-
c2b8461491ea
SM_V9_1 iris    exon    52256425        52256518        .       -
        .       Parent=Smp_142670.1;Name=96b1a45e-d849-42ac-
bdd6-94131e6abd21
SM_V9_1 iris    exon    52256861        52256935        .       -
        .       Parent=Smp_142670.1;Name=d863b5e5-6523-483e-
bc3c-9f9ccaaa1ec3
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SM_V9_1 iris    exon    52258756        52258858        .       -
        .       Parent=Smp_142670.1;Name=cc9e6f74-cfae-4085-
af2d-3c826b75b457
SM_V9_1 iris    exon    52259272        52259329        .       -
        .       Parent=Smp_142670.1;Name=b1968df5-a12a-4f4e-aa93-
bf874bf643b6
SM_V9_1 iris    exon    52261868        52261908        .       -
        .       Parent=Smp_142670.1;Name=d9e88c45-f48c-4039-96cb-
b136df02c368
SM_V9_1 iris    exon    52262881        52263792        .       -
        .       Parent=Smp_142670.1;Name=6d7ae29f-49fc-479f-9458-
b6b466a3a4c1
SM_V9_1 iris    CDS     52245561        52245593        .       -
        0       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52246262        52246347        .       -
        2       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52252050        52252177        .       -
        1       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52253743        52253855        .       -
        0       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52255444        52255578        .       -
        0       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52256425        52256518        .       -
        1       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52256861        52256935        .       -
        1       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52258756        52258858        .       -
        2       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52259272        52259329        .       -
        0       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52261868        52261908        .       -
        2       Parent=Smp_142670.1
SM_V9_1 iris    CDS     52262881        52262983        .       -
        0       Parent=Smp_142670.1
SM_V9_1 iris    gene    52268548        52334049        .       +
        .
ID=Smp_142650;geneID=Smp_142650;gene_name=Smp_142650;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    52268548        52320107        .       +
        .
ID=Smp_142650.2;Parent=Smp_142650;geneID=Smp_142650;gene_name=Smp_14
2650;owner=irisadmin@local.host;orig_id=Smp_142650.2;date_last_modif
ied=2022-08-01;Name=Smp_142650.2;product=Neurabin-1;date_creation=20
22-07-28
SM_V9_1 iris    exon    52268548        52268864        .       +
        .
Parent=Smp_142650.2;Name=901284e2-0152-4abe-9033-8e1acd191043
SM_V9_1 iris    exon    52272710        52272790        .       +
        .       Parent=Smp_142650.2;Name=966d9a44-0c29-4872-b431-
e75f9f13bdb9
SM_V9_1 iris    exon    52274008        52274137        .       +
        .       Parent=Smp_142650.2;Name=54209b04-429e-40dd-
af90-469d3b295d96
SM_V9_1 iris    exon    52275207        52275289        .       +
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        .       Parent=Smp_142650.2;Name=6897c117-
f20d-4780-8d29-7496dd88cdf0
SM_V9_1 iris    exon    52277108        52277355        .       +
        .       Parent=Smp_142650.2;Name=bf31f2f3-ec2a-4f9c-
b2b4-877654b06da8
SM_V9_1 iris    exon    52278577        52278643        .       +
        .       Parent=Smp_142650.2;Name=4a6b8fc3-
efcc-4d2e-87d4-1adba5e8f30e
SM_V9_1 iris    exon    52279978        52280035        .       +
        .       Parent=Smp_142650.2;Name=e18cdebb-543b-416c-8d8f-
f93c0a9e6f77
SM_V9_1 iris    exon    52281081        52281339        .       +
        .       Parent=Smp_142650.2;Name=cfd91259-47eb-497c-
adb3-84fc02f9e90d
SM_V9_1 iris    exon    52284497        52284822        .       +
        .
Parent=Smp_142650.2;Name=4ec03c31-6547-446d-8cf8-24ab4604ca0d
SM_V9_1 iris    exon    52292103        52292235        .       +
        .       Parent=Smp_142650.2;Name=f9f62437-28ce-415b-a217-
c3772ade1217
SM_V9_1 iris    exon    52298405        52298525        .       +
        .       Parent=Smp_142650.2;Name=e552b1d1-
a63d-49c4-9b98-1b1bda955239
SM_V9_1 iris    exon    52304745        52304849        .       +
        .       Parent=Smp_142650.2;Name=53e44cc7-349e-4757-bd22-
be82b167305a
SM_V9_1 iris    exon    52305883        52306035        .       +
        .       Parent=Smp_142650.2;Name=939b8b22-
a09a-4549-861c-82ef34fd44a4
SM_V9_1 iris    exon    52307649        52307688        .       +
        .
Parent=Smp_142650.2;Name=573f1a8e-5251-4698-93b5-0f3d921fcaa9
SM_V9_1 iris    exon    52311400        52311981        .       +
        .       Parent=Smp_142650.2;Name=b509b815-
d7c9-426a-845c-1d1b341f0181
SM_V9_1 iris    exon    52312283        52312428        .       +
        .
Parent=Smp_142650.2;Name=7e142668-32e6-4bdb-9d83-7898ee1d4cdc
SM_V9_1 iris    exon    52312528        52312573        .       +
        .       Parent=Smp_142650.2;Name=70f66c8c-c0ac-45c9-
bbd4-40f27a8e0a3a
SM_V9_1 iris    exon    52315336        52315399        .       +
        .       Parent=Smp_142650.2;Name=bbfd59ef-ec35-4380-
a9ab-4157c34fef54
SM_V9_1 iris    exon    52319073        52320107        .       +
        .       Parent=Smp_142650.2;Name=1373e22d-3940-4602-
b662-19496f9cd841
SM_V9_1 iris    CDS     52268647        52268864        .       +
        0       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52272710        52272790        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52274008        52274137        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52275207        52275289        .       +
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        0       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52277108        52277355        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52278577        52278643        .       +
        2       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52279978        52280035        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52281081        52281339        .       +
        0       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52284497        52284822        .       +
        2       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52292103        52292235        .       +
        0       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52298405        52298525        .       +
        2       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52304745        52304849        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52305883        52306035        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52307649        52307688        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52311400        52311981        .       +
        0       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52312283        52312428        .       +
        0       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52312528        52312573        .       +
        1       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52315336        52315399        .       +
        0       Parent=Smp_142650.2
SM_V9_1 iris    CDS     52319073        52319086        .       +
        2       Parent=Smp_142650.2
SM_V9_1 iris    mRNA    52268548        52334049        .       +
        .
ID=Smp_142650.1;Parent=Smp_142650;geneID=Smp_142650;gene_name=Smp_14
2650;owner=irisadmin@local.host;orig_id=Smp_142650.1;date_last_modif
ied=2022-08-01;Name=Smp_142650.1;product=Neurabin-1;date_creation=20
22-07-28
SM_V9_1 iris    exon    52268548        52268864        .       +
        .       Parent=Smp_142650.1;Name=595394a5-4ae0-4b80-8061-
ce3f05e17f4a
SM_V9_1 iris    exon    52272710        52272790        .       +
        .       Parent=Smp_142650.1;Name=0b1e1d02-
f856-4406-840b-65c8f62e730f
SM_V9_1 iris    exon    52274008        52274137        .       +
        .       Parent=Smp_142650.1;Name=767dee4b-85e7-465f-b249-
e9515cb66e97
SM_V9_1 iris    exon    52275207        52275289        .       +
        .       Parent=Smp_142650.1;Name=271f27e1-5249-4c0b-b003-
e2e240d4a81c
SM_V9_1 iris    exon    52277108        52277355        .       +
        .       Parent=Smp_142650.1;Name=fb434cdc-
a342-43fe-9e97-0b11013cf654
SM_V9_1 iris    exon    52278577        52278643        .       +
        .       Parent=Smp_142650.1;Name=aee1ffba-735d-4549-
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ab7f-8a3be39d3f8b
SM_V9_1 iris    exon    52279978        52280035        .       +
        .
Parent=Smp_142650.1;Name=cf0a879f-5f55-4ec8-9a1a-21b6f9debb96
SM_V9_1 iris    exon    52281081        52281339        .       +
        .
Parent=Smp_142650.1;Name=b655482f-91bc-4361-8ec6-77dade7abda2
SM_V9_1 iris    exon    52284497        52284822        .       +
        .
Parent=Smp_142650.1;Name=e3a5576c-7690-48c1-92ff-7d1794d58493
SM_V9_1 iris    exon    52292103        52292235        .       +
        .       Parent=Smp_142650.1;Name=0a0f8775-170b-456e-a757-
cfcbb393e9f8
SM_V9_1 iris    exon    52298405        52298525        .       +
        .       Parent=Smp_142650.1;Name=163bd1c5-
f7e8-4c38-96c1-5b2a45fe27ed
SM_V9_1 iris    exon    52304745        52304849        .       +
        .       Parent=Smp_142650.1;Name=33b9446a-970d-4939-b58b-
ca964520dfc5
SM_V9_1 iris    exon    52305883        52306035        .       +
        .       Parent=Smp_142650.1;Name=71d9e929-
c19b-403b-980f-6f7066af8143
SM_V9_1 iris    exon    52307649        52307688        .       +
        .       Parent=Smp_142650.1;Name=2b93e150-7eda-4cee-8a2d-
c80f42ae926d
SM_V9_1 iris    exon    52311400        52311981        .       +
        .
Parent=Smp_142650.1;Name=7c4a9150-2fab-4632-8b1d-2c7b88b68f70
SM_V9_1 iris    exon    52312283        52312428        .       +
        .       Parent=Smp_142650.1;Name=89c5bbe8-b744-4c9f-862a-
d9f6c9560ffe
SM_V9_1 iris    exon    52312528        52312573        .       +
        .       Parent=Smp_142650.1;Name=c2a83846-881c-403d-967d-
d12e373600ec
SM_V9_1 iris    exon    52315336        52315399        .       +
        .       Parent=Smp_142650.1;Name=6f7d8f30-f094-475d-
ad13-9249eafa4417
SM_V9_1 iris    exon    52322805        52323085        .       +
        .
Parent=Smp_142650.1;Name=1c574176-4eaf-40e9-996a-92da22d4c226
SM_V9_1 iris    exon    52327169        52327215        .       +
        .       Parent=Smp_142650.1;Name=cc3820d0-d605-4c5a-a3c2-
d9c6d54b0021
SM_V9_1 iris    exon    52328848        52328885        .       +
        .       Parent=Smp_142650.1;Name=b56ccca8-dd4e-435d-
a977-37b1e7ae3b1f
SM_V9_1 iris    exon    52330119        52330352        .       +
        .       Parent=Smp_142650.1;Name=74dbcef1-ef59-4f76-
af08-6feaa1650399
SM_V9_1 iris    exon    52332097        52332209        .       +
        .       Parent=Smp_142650.1;Name=00982709-
fc1e-49c5-83ab-3a3651b88125
SM_V9_1 iris    exon    52333291        52334049        .       +
        .       Parent=Smp_142650.1;Name=99e0d2f7-0798-44d6-9fbc-
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ee77702d8dce
SM_V9_1 iris    CDS     52268647        52268864        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52272710        52272790        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52274008        52274137        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52275207        52275289        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52277108        52277355        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52278577        52278643        .       +
        2       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52279978        52280035        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52281081        52281339        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52284497        52284822        .       +
        2       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52292103        52292235        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52298405        52298525        .       +
        2       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52304745        52304849        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52305883        52306035        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52307649        52307688        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52311400        52311981        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52312283        52312428        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52312528        52312573        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52315336        52315399        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52322805        52323085        .       +
        2       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52327169        52327215        .       +
        0       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52328848        52328885        .       +
        1       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52330119        52330352        .       +
        2       Parent=Smp_142650.1
SM_V9_1 iris    CDS     52332097        52332179        .       +
        2       Parent=Smp_142650.1
SM_V9_1 Liftoff gene    52354515        52380229        .       +
        .       ID=Smp_142640;geneID=Smp_142640
SM_V9_1 Liftoff mRNA    52354515        52380229        .       +
        .
ID=Smp_142640.1;Parent=Smp_142640;geneID=Smp_142640;product=NAD(P)H-
hydrate epimerase;polypeptide_domain=InterPro:IPR004443 Pfam:PF03853
SM_V9_1 Liftoff exon    52354515        52358602        .       +
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SM_V9_1 Liftoff exon    52365044        52365152        .       +
        .       Parent=Smp_142640.1
SM_V9_1 Liftoff exon    52366228        52366338        .       +
        .       Parent=Smp_142640.1
SM_V9_1 Liftoff exon    52367308        52367421        .       +
        .       Parent=Smp_142640.1
SM_V9_1 Liftoff exon    52369399        52369546        .       +
        .       Parent=Smp_142640.1
SM_V9_1 Liftoff exon    52374917        52375036        .       +
        .       Parent=Smp_142640.1
SM_V9_1 Liftoff exon    52379822        52380229        .       +
        .       Parent=Smp_142640.1
SM_V9_1 Liftoff CDS     52358583        52358602        .       +
        0       Parent=Smp_142640.1
SM_V9_1 Liftoff CDS     52365044        52365152        .       +
        1       Parent=Smp_142640.1
SM_V9_1 Liftoff CDS     52366228        52366338        .       +
        0       Parent=Smp_142640.1
SM_V9_1 Liftoff CDS     52367308        52367421        .       +
        0       Parent=Smp_142640.1
SM_V9_1 Liftoff CDS     52369399        52369546        .       +
        0       Parent=Smp_142640.1
SM_V9_1 Liftoff CDS     52374917        52375036        .       +
        2       Parent=Smp_142640.1
SM_V9_1 Liftoff CDS     52379822        52379928        .       +
        2       Parent=Smp_142640.1
SM_V9_1 Liftoff mRNA    52354515        52380229        .       +
        .
ID=Smp_142640.2;Parent=Smp_142640;geneID=Smp_142640;product=NAD(P)H-
hydrate epimerase;polypeptide_domain=InterPro:IPR004443 Pfam:PF03853
SM_V9_1 Liftoff exon    52354515        52364647        .       +
        .       Parent=Smp_142640.2
SM_V9_1 Liftoff exon    52365044        52365152        .       +
        .       Parent=Smp_142640.2
SM_V9_1 Liftoff exon    52366228        52366338        .       +
        .       Parent=Smp_142640.2
SM_V9_1 Liftoff exon    52367308        52367421        .       +
        .       Parent=Smp_142640.2
SM_V9_1 Liftoff exon    52369399        52369546        .       +
        .       Parent=Smp_142640.2
SM_V9_1 Liftoff exon    52374917        52375036        .       +
        .       Parent=Smp_142640.2
SM_V9_1 Liftoff exon    52379822        52380229        .       +
        .       Parent=Smp_142640.2
SM_V9_1 Liftoff CDS     52364643        52364647        .       +
        0       Parent=Smp_142640.2
SM_V9_1 Liftoff CDS     52365044        52365152        .       +
        1       Parent=Smp_142640.2
SM_V9_1 Liftoff CDS     52366228        52366338        .       +
        0       Parent=Smp_142640.2
SM_V9_1 Liftoff CDS     52367308        52367421        .       +
        0       Parent=Smp_142640.2
SM_V9_1 Liftoff CDS     52369399        52369546        .       +
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        0       Parent=Smp_142640.2
SM_V9_1 Liftoff CDS     52374917        52375036        .       +
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SM_V9_1 Liftoff CDS     52379822        52379928        .       +
        2       Parent=Smp_142640.2
SM_V9_1 Liftoff mRNA    52354515        52380229        .       +
        .
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hydrate epimerase;polypeptide_domain=InterPro:IPR004443 Pfam:PF03853
SM_V9_1 Liftoff exon    52354515        52358602        .       +
        .       Parent=Smp_142640.3
SM_V9_1 Liftoff exon    52365044        52365152        .       +
        .       Parent=Smp_142640.3
SM_V9_1 Liftoff exon    52366228        52366338        .       +
        .       Parent=Smp_142640.3
SM_V9_1 Liftoff exon    52367308        52367421        .       +
        .       Parent=Smp_142640.3
SM_V9_1 Liftoff exon    52369399        52369546        .       +
        .       Parent=Smp_142640.3
SM_V9_1 Liftoff exon    52374917        52375036        .       +
        .       Parent=Smp_142640.3
SM_V9_1 Liftoff exon    52377651        52380229        .       +
        .       Parent=Smp_142640.3
SM_V9_1 Liftoff CDS     52358583        52358602        .       +
        0       Parent=Smp_142640.3
SM_V9_1 Liftoff CDS     52365044        52365152        .       +
        1       Parent=Smp_142640.3
SM_V9_1 Liftoff CDS     52366228        52366338        .       +
        0       Parent=Smp_142640.3
SM_V9_1 Liftoff CDS     52367308        52367421        .       +
        0       Parent=Smp_142640.3
SM_V9_1 Liftoff CDS     52369399        52369546        .       +
        0       Parent=Smp_142640.3
SM_V9_1 Liftoff CDS     52374917        52375036        .       +
        2       Parent=Smp_142640.3
SM_V9_1 Liftoff CDS     52377651        52377667        .       +
        2       Parent=Smp_142640.3
SM_V9_1 iris    gene    52383138        52519391        .       -
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    52383138        52519391        .       -
        .
ID=Smp_343540.1;Parent=Smp_343540;geneID=Smp_343540;gene_name=Smp_34
3540;owner=irisadmin@local.host;orig_id=Smp_343540.4;date_last_modif
ied=2022-08-01;Name=Smp_343540.1;product=Talin-1;date_creation=2022-
07-28
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        .       Parent=Smp_343540.1;Name=f2764784-abf5-4b36-b851-
b2fc6f6c2d33
SM_V9_1 iris    exon    52385128        52385265        .       -
        .
Parent=Smp_343540.1;Name=347e9527-7c82-4726-888e-6221600f77f5
SM_V9_1 iris    exon    52386027        52386458        .       -
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        .       Parent=Smp_343540.1;Name=d4beedf9-d2fd-4612-
b75b-7e0be0af6c16
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        .
Parent=Smp_343540.1;Name=bb9af64a-8190-46d6-879b-6065542501e3
SM_V9_1 iris    exon    52387960        52388034        .       -
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SM_V9_1 iris    exon    52388288        52388332        .       -
        .       Parent=Smp_343540.1;Name=d9e067ce-3786-4f2d-9760-
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SM_V9_1 iris    exon    52389618        52389723        .       -
        .       Parent=Smp_343540.1;Name=3018d372-4ca7-42f2-
b9f3-680585315f42
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        .       Parent=Smp_343540.1;Name=74900e75-
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        .       Parent=Smp_343540.1;Name=a4cde8b4-2054-40b2-
a84d-7ff3969b37b0
SM_V9_1 iris    exon    52395117        52395242        .       -
        .       Parent=Smp_343540.1;Name=42349dbb-
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SM_V9_1 iris    exon    52408557        52408740        .       -
        .       Parent=Smp_343540.1;Name=fd06aaea-
b7c5-42d5-9730-335204cd1df4
SM_V9_1 iris    exon    52410982        52411295        .       -
        .       Parent=Smp_343540.1;Name=56bef69b-
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SM_V9_1 iris    exon    52412899        52413147        .       -
        .       Parent=Smp_343540.1;Name=b836811e-b2bf-445e-
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        .       Parent=Smp_343540.1;Name=b3cbefd8-ba59-40fd-
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SM_V9_1 iris    exon    52417162        52417308        .       -
        .       Parent=Smp_343540.1;Name=157ce577-d5c4-4910-
ba45-0647d1d3e9d3
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        .
Parent=Smp_343540.1;Name=a8fb6906-4586-45ac-8970-3a2983da9917
SM_V9_1 iris    exon    52419749        52419893        .       -
        .       Parent=Smp_343540.1;Name=fcdf71db-d8f5-4b76-
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        .       Parent=Smp_343540.1;Name=2ee2f6e7-afb1-4e92-
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SM_V9_1 iris    exon    52422252        52422590        .       -
        .       Parent=Smp_343540.1;Name=b7d4fb76-
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SM_V9_1 iris    exon    52424087        52424275        .       -
        .       Parent=Smp_343540.1;Name=356c139f-
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SM_V9_1 iris    exon    52427266        52427388        .       -
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        .
Parent=Smp_343540.1;Name=4b18c42a-9fd8-4aee-877c-624f802e35c7
SM_V9_1 iris    exon    52430923        52431206        .       -
        .
Parent=Smp_343540.1;Name=4f1547ba-7de2-4f08-86a0-52b208383f7b
SM_V9_1 iris    exon    52435951        52436571        .       -
        .       Parent=Smp_343540.1;Name=730a80d8-fe5e-4183-
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SM_V9_1 iris    exon    52437072        52437335        .       -
        .       Parent=Smp_343540.1;Name=cd6a675f-5f9a-4407-b24f-
ae2f7828bce2
SM_V9_1 iris    exon    52438090        52438221        .       -
        .       Parent=Smp_343540.1;Name=db52a782-b73b-4a39-
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SM_V9_1 iris    exon    52440851        52441069        .       -
        .       Parent=Smp_343540.1;Name=bfafcbaa-b575-4a05-
b982-706fa547b88a
SM_V9_1 iris    exon    52441657        52441902        .       -
        .       Parent=Smp_343540.1;Name=534d6702-fa68-48b4-
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        .       Parent=Smp_343540.1;Name=d5e64829-409f-4973-aaa5-
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SM_V9_1 iris    exon    52444088        52444258        .       -
        .
Parent=Smp_343540.1;Name=1e2088e6-9ad0-4d6e-8b52-549c59124795
SM_V9_1 iris    exon    52445836        52446069        .       -
        .
Parent=Smp_343540.1;Name=0604a51f-4823-41f8-8799-9cd7d87ec677
SM_V9_1 iris    exon    52447935        52448360        .       -
        .       Parent=Smp_343540.1;Name=dce28adc-f797-40c5-
b612-0c883455d82f
SM_V9_1 iris    exon    52448734        52448886        .       -
        .
Parent=Smp_343540.1;Name=7f5eaf53-462e-442b-968a-9880cba2b762
SM_V9_1 iris    exon    52450418        52450682        .       -
        .       Parent=Smp_343540.1;Name=c244031b-c499-40e1-
a853-5a9e07553ce7
SM_V9_1 iris    exon    52454880        52455061        .       -
        .
Parent=Smp_343540.1;Name=38f95dc1-346b-4d22-9f22-29eeb9cd0aef
SM_V9_1 iris    exon    52457815        52457970        .       -
        .       Parent=Smp_343540.1;Name=61a333bb-cea5-4ebe-bd51-
bf68e70a8efd
SM_V9_1 iris    exon    52459207        52459375        .       -
        .       Parent=Smp_343540.1;Name=2c89effe-b736-4449-85d2-
f36e5e915806
SM_V9_1 iris    exon    52460982        52461109        .       -
        .       Parent=Smp_343540.1;Name=dc33dd1c-
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SM_V9_1 iris    exon    52468550        52468692        .       -
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SM_V9_1 iris    exon    52470024        52470194        .       -
        .       Parent=Smp_343540.1;Name=82961286-4e60-4898-
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        .       Parent=Smp_343540.1;Name=ae3adfc1-6051-4177-bdc9-
e899bbd74d35
SM_V9_1 iris    exon    52493383        52493480        .       -
        .       Parent=Smp_343540.1;Name=b4227af6-0387-4b2a-
bfb2-4dabf9c57ba3
SM_V9_1 iris    exon    52501810        52501964        .       -
        .       Parent=Smp_343540.1;Name=b9cb0585-d3a0-4920-b2b6-
e42549336152
SM_V9_1 iris    exon    52509607        52509704        .       -
        .
Parent=Smp_343540.1;Name=c227be74-5dcf-45ba-9f24-86e170a37441
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        .       Parent=Smp_343540.1;Name=704d3126-14ab-4a97-
b557-869a48b0ff52
SM_V9_1 iris    CDS     52383821        52383907        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52385128        52385265        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52386027        52386458        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52387694        52387851        .       -
        2       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52387960        52388034        .       -
        2       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52388288        52388332        .       -
        2       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52389618        52389723        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52391749        52391856        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52393947        52394333        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52395117        52395242        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52408557        52408740        .       -
        1       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52410982        52411295        .       -
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SM_V9_1 iris    CDS     52412899        52413147        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52416553        52416720        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52417162        52417308        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52417465        52417725        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52419749        52419893        .       -
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SM_V9_1 iris    CDS     52420778        52420959        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52422252        52422590        .       -
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SM_V9_1 iris    CDS     52424087        52424275        .       -
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SM_V9_1 iris    CDS     52427266        52427388        .       -
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SM_V9_1 iris    CDS     52428391        52428577        .       -
        1       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52430923        52431206        .       -
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SM_V9_1 iris    CDS     52435951        52436571        .       -
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SM_V9_1 iris    CDS     52437072        52437335        .       -
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SM_V9_1 iris    CDS     52443455        52443688        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52444088        52444258        .       -
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SM_V9_1 iris    CDS     52450418        52450682        .       -
        1       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52454880        52455061        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52457815        52457970        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52459207        52459375        .       -
        1       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52460982        52461109        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52468550        52468692        .       -
        2       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52470024        52470194        .       -
        2       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52478561        52478690        .       -
        0       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52493383        52493480        .       -
        2       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52501810        52501964        .       -
        1       Parent=Smp_343540.1
SM_V9_1 iris    CDS     52509607        52509629        .       -
        0       Parent=Smp_343540.1
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SM_V9_1 Liftoff gene    52531612        52541927        .       -
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SM_V9_1 Liftoff mRNA    52531612        52541927        .       -
        .
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acetylmuramoylalanine--D-glutamate ligase
SM_V9_1 Liftoff exon    52531612        52532595        .       -
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SM_V9_1 Liftoff exon    52533823        52534115        .       -
        .       Parent=Smp_241440.1
SM_V9_1 Liftoff exon    52541792        52541927        .       -
        .       Parent=Smp_241440.1
SM_V9_1 Liftoff CDS     52531841        52532595        .       -
        2       Parent=Smp_241440.1
SM_V9_1 Liftoff CDS     52533823        52534115        .       -
        1       Parent=Smp_241440.1
SM_V9_1 Liftoff CDS     52541792        52541889        .       -
        0       Parent=Smp_241440.1
SM_V9_1 iris    gene    52545883        52650363        .       -
        .
ID=Smp_142620;geneID=Smp_142620;gene_name=Smp_142620;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    52545883        52650363        .       -
        .
ID=Smp_142620.1;Parent=Smp_142620;geneID=Smp_142620;gene_name=Smp_14
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ied=2022-08-01;Name=Smp_142620.1;product=Atrial natriuretic peptide
receptor 1;date_creation=2022-07-28
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        .       Parent=Smp_142620.1;Name=3e119643-1b41-4a49-9085-
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        .
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        .       Parent=Smp_142620.1;Name=b796fbc7-4d02-4e16-
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        .       Parent=Smp_142620.1;Name=1dfedb4e-a96f-4ea6-
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        .
Parent=Smp_142620.1;Name=45709df5-9adc-4eec-87aa-8ee26731314d
SM_V9_1 iris    exon    52568221        52568384        .       -
        .
Parent=Smp_142620.1;Name=a5b2b07c-0e78-4b76-8f40-8596cb810c23
SM_V9_1 iris    exon    52571452        52571617        .       -
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SM_V9_1 iris    exon    52584312        52584359        .       -
        .
Parent=Smp_142620.1;Name=fbcda64b-8e25-4aa1-9e26-305326844059
SM_V9_1 iris    exon    52585951        52586683        .       -
        .
Parent=Smp_142620.1;Name=e81f8bd9-0c0f-405f-8f90-4ee95aa81b05
SM_V9_1 iris    exon    52587488        52587572        .       -
        .       Parent=Smp_142620.1;Name=a8daa398-fe6b-41af-846e-
d5b021731fd6
SM_V9_1 iris    exon    52593805        52593943        .       -
        .       Parent=Smp_142620.1;Name=1078a564-ba52-4d33-8954-
f73af03b6305
SM_V9_1 iris    exon    52600595        52600686        .       -
        .       Parent=Smp_142620.1;Name=12fae3be-0d05-40e2-
af6b-1a1072ef742b
SM_V9_1 iris    exon    52601977        52602112        .       -
        .       Parent=Smp_142620.1;Name=90cacb6c-6507-4b78-
b6a7-8f04998c386f
SM_V9_1 iris    exon    52608361        52608553        .       -
        .
Parent=Smp_142620.1;Name=d5f08411-4385-4639-847f-593cf0d4ced7
SM_V9_1 iris    exon    52615963        52616074        .       -
        .       Parent=Smp_142620.1;Name=e9be4f08-
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SM_V9_1 iris    exon    52649271        52650363        .       -
        .       Parent=Smp_142620.1;Name=14a7c33c-
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SM_V9_1 iris    CDS     52548611        52549255        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52550399        52550490        .       -
        2       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52552462        52552560        .       -
        2       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52554026        52554269        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52557807        52557930        .       -
        1       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52558713        52558862        .       -
        1       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52566431        52566603        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52568221        52568384        .       -
        2       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52571452        52571617        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52574146        52574322        .       -
        0       Parent=Smp_142620.1
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SM_V9_1 iris    CDS     52575715        52575903        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52584312        52584359        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52585951        52586683        .       -
        1       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52587488        52587572        .       -
        2       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52593805        52593943        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52600595        52600686        .       -
        2       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52601977        52602112        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52608361        52608553        .       -
        1       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52615963        52616074        .       -
        2       Parent=Smp_142620.1
SM_V9_1 iris    CDS     52649271        52650201        .       -
        0       Parent=Smp_142620.1
SM_V9_1 iris    gene    52784295        52785680        .       -
        .
ID=Smp_201000;geneID=Smp_201000;gene_name=Smp_201000;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    52784295        52785680        .       -
        .
ID=Smp_201000.1;Parent=Smp_201000;geneID=Smp_201000;gene_name=Smp_20
1000;owner=irisadmin@local.host;orig_id=Smp_201000.1;date_last_modif
ied=2022-08-16;Name=Smp_201000.1;product=Protein MMS22-
like;date_creation=2022-08-16
SM_V9_1 iris    exon    52784295        52785680        .       -
        .       Parent=Smp_201000.1;Name=f28f98f4-076f-4a3d-
b218-019b758227af
SM_V9_1 iris    CDS     52785196        52785423        .       -
        0       Parent=Smp_201000.1
SM_V9_1 iris    gene    52801321        52841873        .       -
        .
ID=Smp_310870;geneID=Smp_310870;gene_name=Smp_310870;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_1 iris    mRNA    52801321        52841873        .       -
        .
ID=Smp_310870.1;Parent=Smp_310870;geneID=Smp_310870;gene_name=Smp_31
0870;owner=irisadmin@local.host;orig_id=Smp_310870.1;date_last_modif
ied=2022-07-21;Name=Smp_310870.1;product=Dual specificity tyrosine-
phosphorylation-regulated kinase 1B;date_creation=2022-07-21
SM_V9_1 iris    exon    52801321        52803094        .       -
        .       Parent=Smp_310870.1;Name=107afc7c-dd43-4a20-acb5-
afe71da11a23
SM_V9_1 iris    exon    52806186        52806468        .       -
        .       Parent=Smp_310870.1;Name=0bfcbc59-bc48-4ab6-ab3e-
b52d1c61fff4
SM_V9_1 iris    exon    52807439        52807558        .       -
        .       Parent=Smp_310870.1;Name=8c676e48-9969-4dfd-bcb8-
b76d6a848ee3
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SM_V9_1 iris    exon    52808798        52809231        .       -
        .       Parent=Smp_310870.1;Name=75e18663-3134-45c0-a191-
ceb6bdd8f51d
SM_V9_1 iris    exon    52810611        52810788        .       -
        .       Parent=Smp_310870.1;Name=75a8fb7b-d822-46b3-ad22-
ea13cb8625db
SM_V9_1 iris    exon    52817053        52817711        .       -
        .
Parent=Smp_310870.1;Name=65acdc0d-834d-43a5-8f5c-2f97580af9d4
SM_V9_1 iris    exon    52819259        52819948        .       -
        .       Parent=Smp_310870.1;Name=441ccb93-ffb3-4dbc-ae95-
d58c9019447d
SM_V9_1 iris    exon    52824743        52825247        .       -
        .       Parent=Smp_310870.1;Name=df0082b5-1689-4d73-
b304-252913d52b27
SM_V9_1 iris    exon    52827407        52829044        .       -
        .       Parent=Smp_310870.1;Name=51496dc9-1c59-4b97-
b0e2-3999713f67d1
SM_V9_1 iris    exon    52841781        52841873        .       -
        .       Parent=Smp_310870.1;Name=0195e087-8132-4489-
acfc-677b578366c2
SM_V9_1 iris    CDS     52802472        52803094        .       -
        2       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52806186        52806468        .       -
        0       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52807439        52807558        .       -
        0       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52808798        52809231        .       -
        2       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52810611        52810788        .       -
        0       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52817053        52817711        .       -
        2       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52819259        52819948        .       -
        2       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52824743        52825247        .       -
        0       Parent=Smp_310870.1
SM_V9_1 iris    CDS     52827407        52828864        .       -
        0       Parent=Smp_310870.1
SM_V9_1 iris    gene    52853885        52895418        .       +
        .
ID=Smp_142600;geneID=Smp_142600;gene_name=Smp_142600;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    52853885        52895418        .       +
        .
ID=Smp_142600.1;Parent=Smp_142600;geneID=Smp_142600;gene_name=Smp_14
2600;owner=irisadmin@local.host;orig_id=Smp_142600.1;date_last_modif
ied=2022-08-01;Name=Smp_142600.1;product=Protein capicua
homolog;date_creation=2022-07-28
SM_V9_1 iris    exon    52853885        52853961        .       +
        .       Parent=Smp_142600.1;Name=3b975371-f8ee-4886-b2be-
e2bc0dc4cba7
SM_V9_1 iris    exon    52854465        52854627        .       +
        .       Parent=Smp_142600.1;Name=49c005a2-4906-43f2-
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b8d2-0f42acb1faf5
SM_V9_1 iris    exon    52857709        52858289        .       +
        .       Parent=Smp_142600.1;Name=4de77a52-559c-4d4c-
ad19-4d158441a6ce
SM_V9_1 iris    exon    52860408        52860542        .       +
        .
Parent=Smp_142600.1;Name=f99901a8-0137-4ee7-9c5f-44c56d14fed3
SM_V9_1 iris    exon    52862059        52862500        .       +
        .       Parent=Smp_142600.1;Name=8b2b046a-
d6b2-4b08-9e0f-17d739526273
SM_V9_1 iris    exon    52863267        52863629        .       +
        .
Parent=Smp_142600.1;Name=a0fb633a-8be2-43fc-97e3-557800e5aa11
SM_V9_1 iris    exon    52865979        52866040        .       +
        .
Parent=Smp_142600.1;Name=073947fd-488f-4448-821f-6f34f6dce23f
SM_V9_1 iris    exon    52871933        52872316        .       +
        .
Parent=Smp_142600.1;Name=598745fe-79e6-4eb7-8e5d-22fd9b40e1a7
SM_V9_1 iris    exon    52874403        52874691        .       +
        .       Parent=Smp_142600.1;Name=de8e0b3c-c750-4608-b55c-
f8816244ee2b
SM_V9_1 iris    exon    52878413        52878733        .       +
        .       Parent=Smp_142600.1;Name=463c8ba1-8a28-4cdc-a0fd-
d131c8f7db3e
SM_V9_1 iris    exon    52880965        52881094        .       +
        .
Parent=Smp_142600.1;Name=3fa5ef26-19ab-466f-8bb8-01d50e1aef85
SM_V9_1 iris    exon    52883790        52884040        .       +
        .
Parent=Smp_142600.1;Name=77cd5990-7728-486a-9d71-24619b6dc8bf
SM_V9_1 iris    exon    52884900        52885036        .       +
        .       Parent=Smp_142600.1;Name=59be9433-b065-43a5-bde3-
ad249b4a1c5b
SM_V9_1 iris    exon    52886315        52886613        .       +
        .       Parent=Smp_142600.1;Name=a1baf6d6-f358-43d1-
a64a-1576a9642887
SM_V9_1 iris    exon    52889159        52889316        .       +
        .       Parent=Smp_142600.1;Name=8172531c-2392-4800-
b644-925eee3da331
SM_V9_1 iris    exon    52891605        52891726        .       +
        .       Parent=Smp_142600.1;Name=62eb3f63-44e3-41a1-8930-
dfdac6b5c940
SM_V9_1 iris    exon    52893528        52893849        .       +
        .       Parent=Smp_142600.1;Name=7cbc940c-4ef0-4e51-a524-
e5fc659d39ff
SM_V9_1 iris    exon    52894497        52895418        .       +
        .       Parent=Smp_142600.1;Name=b8c2043b-f4d9-42cc-84f0-
c98dd9846278
SM_V9_1 iris    CDS     52854480        52854627        .       +
        0       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52857709        52858289        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52860408        52860542        .       +
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        0       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52862059        52862500        .       +
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SM_V9_1 iris    CDS     52863267        52863629        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52865979        52866040        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52871933        52872316        .       +
        0       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52874403        52874691        .       +
        0       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52878413        52878733        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52880965        52881094        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52883790        52884040        .       +
        1       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52884900        52885036        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52886315        52886613        .       +
        0       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52889159        52889316        .       +
        1       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52891605        52891726        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52893528        52893849        .       +
        0       Parent=Smp_142600.1
SM_V9_1 iris    CDS     52894497        52894873        .       +
        2       Parent=Smp_142600.1
SM_V9_1 iris    gene    52910281        52912265        .       +
        .
ID=Smp_037780;geneID=Smp_037780;gene_name=Smp_037780;owner=irisadmin
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SM_V9_1 iris    mRNA    52910281        52912265        .       +
        .
ID=Smp_037780.1;Parent=Smp_037780;geneID=Smp_037780;gene_name=Smp_03
7780;owner=irisadmin@local.host;orig_id=Smp_037780.1;date_last_modif
ied=2022-08-01;Name=Smp_037780.1;product=Lipase
1;date_creation=2022-07-28
SM_V9_1 iris    exon    52910281        52912265        .       +
        .       Parent=Smp_037780.1;Name=Smp_037780.1-CDS
SM_V9_1 iris    CDS     52910562        52912016        .       +
        0       Parent=Smp_037780.1
SM_V9_1 Liftoff gene    52985143        53042226        .       +
        .
ID=Smp_142560;geneID=Smp_142560;previous_systematic_id=Smp_142570,Sm
p_142580
SM_V9_1 Liftoff mRNA    52985143        53042226        .       +
        .
ID=Smp_142560.1;Parent=Smp_142560;geneID=Smp_142560;product=Insulin
gene enhancer protein ISL-2
(Fragment);polypeptide_domain=InterPro:IPR001356,IPR001781,IPR009057
,IPR017970
Pfam:PF00046,PF00412;Ontology_term=GO:0003677,GO:0006355,GO:0043565
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SM_V9_1 Liftoff exon    52985143        52985885        .       +
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SM_V9_1 Liftoff exon    53000377        53000749        .       +
        .       Parent=Smp_142560.1
SM_V9_1 Liftoff exon    53012839        53013833        .       +
        .       Parent=Smp_142560.1
SM_V9_1 Liftoff exon    53026997        53027406        .       +
        .       Parent=Smp_142560.1
SM_V9_1 Liftoff exon    53029367        53029570        .       +
        .       Parent=Smp_142560.1
SM_V9_1 Liftoff exon    53040809        53042226        .       +
        .       Parent=Smp_142560.1
SM_V9_1 Liftoff CDS     52985825        52985885        .       +
        0       Parent=Smp_142560.1
SM_V9_1 Liftoff CDS     53000377        53000749        .       +
        2       Parent=Smp_142560.1
SM_V9_1 Liftoff CDS     53012839        53013833        .       +
        1       Parent=Smp_142560.1
SM_V9_1 Liftoff CDS     53026997        53027406        .       +
        2       Parent=Smp_142560.1
SM_V9_1 Liftoff CDS     53029367        53029570        .       +
        0       Parent=Smp_142560.1
SM_V9_1 Liftoff CDS     53040809        53041570        .       +
        0       Parent=Smp_142560.1
SM_V9_1 Liftoff gene    53066403        53111569        .       -
        .       ID=Smp_142550;geneID=Smp_142550
SM_V9_1 Liftoff mRNA    53066403        53111569        .       -
        .
ID=Smp_142550.1;Parent=Smp_142550;geneID=Smp_142550;product=Nuclear
pore membrane glycoprotein 210
SM_V9_1 Liftoff exon    53066403        53067130        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53067952        53068155        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53070068        53070481        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53072232        53072767        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53074377        53074767        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53075537        53075914        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53082063        53082475        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53083678        53083934        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53086517        53086906        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53086996        53087280        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53087367        53087714        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53089641        53089991        .       -
        .       Parent=Smp_142550.1
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SM_V9_1 Liftoff exon    53090165        53090405        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53091641        53091834        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53092664        53092787        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53099672        53100000        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53102146        53102405        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53104429        53104786        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53105162        53105467        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53107205        53107303        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53108920        53109290        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53109441        53109572        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53110527        53110734        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53110768        53111066        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff exon    53111099        53111569        .       -
        .       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53066736        53067130        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53067952        53068155        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53070068        53070481        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53072232        53072767        .       -
        1       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53074377        53074767        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53075537        53075914        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53082063        53082475        .       -
        1       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53083678        53083934        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53086517        53086906        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53086996        53087280        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53087367        53087714        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53089641        53089991        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53090165        53090405        .       -
        1       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53091641        53091834        .       -
        0       Parent=Smp_142550.1
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SM_V9_1 Liftoff CDS     53092664        53092787        .       -
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SM_V9_1 Liftoff CDS     53099672        53100000        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53102146        53102405        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53104429        53104786        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53105162        53105467        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53107205        53107303        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53108920        53109290        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53109441        53109572        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53110527        53110734        .       -
        0       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53110768        53111066        .       -
        2       Parent=Smp_142550.1
SM_V9_1 Liftoff CDS     53111099        53111294        .       -
        0       Parent=Smp_142550.1
SM_V9_1 iris    gene    53121525        53130594        .       -
        .
ID=Smp_187360;geneID=Smp_187360;gene_name=Smp_187360;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    53121525        53130594        .       -
        .
ID=Smp_187360.1;Parent=Smp_187360;geneID=Smp_187360;gene_name=Smp_18
7360;owner=irisadmin@local.host;orig_id=Smp_187360.1;date_last_modif
ied=2022-08-01;Name=Smp_187360.1;product=Beta-1,3-galactosyl-O-
glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase
3;date_creation=2022-08-01
SM_V9_1 iris    exon    53121525        53122440        .       -
        .       Parent=Smp_187360.1;Name=6e188db4-dd74-4948-
b5c7-5163e39c4525
SM_V9_1 iris    exon    53129750        53130594        .       -
        .       Parent=Smp_187360.1;Name=a089c28b-6c11-43ad-8995-
ea7dcb1987b9
SM_V9_1 iris    CDS     53121940        53122440        .       -
        0       Parent=Smp_187360.1
SM_V9_1 iris    CDS     53129750        53130547        .       -
        0       Parent=Smp_187360.1
SM_V9_1 Liftoff gene    53168474        53190289        .       -
        .
ID=Smp_332500;geneID=Smp_332500;previous_systematic_id=Smp_142540,Sm
p_154700
SM_V9_1 Liftoff mRNA    53168474        53190289        .       -
        .
ID=Smp_332500.1;Parent=Smp_332500;geneID=Smp_332500;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR001158,IPR014936,IPR029071
Pfam:PF00778,PF08833
SM_V9_1 Liftoff exon    53168474        53168691        .       -
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        .       Parent=Smp_332500.1
SM_V9_1 Liftoff exon    53170260        53170568        .       -
        .       Parent=Smp_332500.1
SM_V9_1 Liftoff exon    53176630        53177038        .       -
        .       Parent=Smp_332500.1
SM_V9_1 Liftoff exon    53178234        53178519        .       -
        .       Parent=Smp_332500.1
SM_V9_1 Liftoff exon    53180817        53181147        .       -
        .       Parent=Smp_332500.1
SM_V9_1 Liftoff exon    53189841        53190289        .       -
        .       Parent=Smp_332500.1
SM_V9_1 Liftoff CDS     53168553        53168691        .       -
        1       Parent=Smp_332500.1
SM_V9_1 Liftoff CDS     53170260        53170568        .       -
        1       Parent=Smp_332500.1
SM_V9_1 Liftoff CDS     53176630        53177038        .       -
        2       Parent=Smp_332500.1
SM_V9_1 Liftoff CDS     53178234        53178519        .       -
        0       Parent=Smp_332500.1
SM_V9_1 Liftoff CDS     53180817        53181147        .       -
        1       Parent=Smp_332500.1
SM_V9_1 Liftoff CDS     53189841        53189926        .       -
        0       Parent=Smp_332500.1
SM_V9_1 Liftoff gene    53202521        53206049        .       -
        .       ID=Smp_319480;geneID=Smp_319480
SM_V9_1 Liftoff mRNA    53202521        53206049        .       -
        .
ID=Smp_319480.1;Parent=Smp_319480;geneID=Smp_319480;product=Myb-like
protein V
SM_V9_1 Liftoff exon    53202521        53203139        .       -
        .       Parent=Smp_319480.1
SM_V9_1 Liftoff exon    53205544        53206049        .       -
        .       Parent=Smp_319480.1
SM_V9_1 Liftoff CDS     53202775        53203139        .       -
        2       Parent=Smp_319480.1
SM_V9_1 Liftoff CDS     53205544        53205682        .       -
        0       Parent=Smp_319480.1
SM_V9_1 iris    gene    53213837        53223839        .       -
        .
ID=Smp_154690;geneID=Smp_154690;gene_name=Smp_154690;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    53213837        53223839        .       -
        .
ID=Smp_154690.1;Parent=Smp_154690;geneID=Smp_154690;gene_name=Smp_15
4690;owner=irisadmin@local.host;orig_id=Smp_154690.1;date_last_modif
ied=2022-08-01;Name=Smp_154690.1;product=39S ribosomal protein L16,
mitochondrial;date_creation=2022-07-28
SM_V9_1 iris    exon    53213837        53214383        .       -
        .
Parent=Smp_154690.1;Name=922b6bf5-797a-490c-89b3-852e4676f4a0
SM_V9_1 iris    exon    53216444        53216606        .       -
        .       Parent=Smp_154690.1;Name=5d95dbe2-e1f9-44da-
a453-30f787a7c093
SM_V9_1 iris    exon    53223491        53223839        .       -
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        .       Parent=Smp_154690.1;Name=ef15f720-0ff8-4da2-
a406-61544ff58c46
SM_V9_1 iris    CDS     53214082        53214383        .       -
        2       Parent=Smp_154690.1
SM_V9_1 iris    CDS     53216444        53216606        .       -
        0       Parent=Smp_154690.1
SM_V9_1 iris    CDS     53223491        53223796        .       -
        0       Parent=Smp_154690.1
SM_V9_1 iris    gene    53232423        53240923        .       +
        .
ID=Smp_332510;geneID=Smp_332510;gene_name=Smp_332510;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    53232423        53240923        .       +
        .
ID=Smp_332510.1;Parent=Smp_332510;geneID=Smp_332510;gene_name=Smp_33
2510;owner=irisadmin@local.host;orig_id=Smp_332510.1;date_last_modif
ied=2022-08-16;Name=Smp_332510.1;product=7-methylguanosine
phosphate-specific 5'-nucleotidase;date_creation=2022-08-16
SM_V9_1 iris    exon    53232423        53232503        .       +
        .       Parent=Smp_332510.1;Name=f2bf522a-94ee-4f47-
ae98-6a9bff300ec3
SM_V9_1 iris    exon    53232535        53232621        .       +
        .       Parent=Smp_332510.1;Name=2eb0db33-bb35-4ac8-
b0bd-49c5e0123f85
SM_V9_1 iris    exon    53232652        53232721        .       +
        .       Parent=Smp_332510.1;Name=4cfcd4a5-0ab3-4b7f-
a257-5c6509b2b592
SM_V9_1 iris    exon    53232763        53232809        .       +
        .       Parent=Smp_332510.1;Name=50842c9e-5c3c-4837-
bb9d-009e6de2d64a
SM_V9_1 iris    exon    53232841        53233016        .       +
        .       Parent=Smp_332510.1;Name=36dc68c6-740b-4435-
a248-34ea03442b02
SM_V9_1 iris    exon    53236833        53236995        .       +
        .       Parent=Smp_332510.1;Name=73d32cff-245a-4d14-b9c4-
ab4ff229e40c
SM_V9_1 iris    exon    53238224        53238439        .       +
        .       Parent=Smp_332510.1;Name=54129d05-bc97-40e9-
a798-4940c4e0866a
SM_V9_1 iris    exon    53240707        53240923        .       +
        .       Parent=Smp_332510.1;Name=86a5ae39-faa6-408a-
a060-52d9fb7abae3
SM_V9_1 iris    CDS     53232441        53232503        .       +
        0       Parent=Smp_332510.1
SM_V9_1 iris    CDS     53232535        53232621        .       +
        0       Parent=Smp_332510.1
SM_V9_1 iris    CDS     53232652        53232721        .       +
        0       Parent=Smp_332510.1
SM_V9_1 iris    CDS     53232763        53232809        .       +
        2       Parent=Smp_332510.1
SM_V9_1 iris    CDS     53232841        53233016        .       +
        0       Parent=Smp_332510.1
SM_V9_1 iris    CDS     53236833        53236995        .       +
        1       Parent=Smp_332510.1
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SM_V9_1 iris    CDS     53238224        53238439        .       +
        0       Parent=Smp_332510.1
SM_V9_1 iris    CDS     53240707        53240862        .       +
        0       Parent=Smp_332510.1
SM_V9_1 Liftoff gene    53244683        53245355        .       -
        .       ID=Smp_060620;geneID=Smp_060620
SM_V9_1 Liftoff mRNA    53244683        53245355        .       -
        .
ID=Smp_060620.1;Parent=Smp_060620;geneID=Smp_060620;product=7-
methylguanosine phosphate-specific 5'-nucleotidase
A;polypeptide_domain=InterPro:IPR006434,IPR023214
Pfam:PF05822;Ontology_term=GO:0000287,GO:0005737,GO:0008253
SM_V9_1 Liftoff exon    53244683        53245063        .       -
        .       Parent=Smp_060620.1
SM_V9_1 Liftoff exon    53245095        53245141        .       -
        .       Parent=Smp_060620.1
SM_V9_1 Liftoff exon    53245183        53245252        .       -
        .       Parent=Smp_060620.1
SM_V9_1 Liftoff exon    53245283        53245355        .       -
        .       Parent=Smp_060620.1
SM_V9_1 Liftoff CDS     53244785        53245063        .       -
        0       Parent=Smp_060620.1
SM_V9_1 Liftoff CDS     53245095        53245141        .       -
        2       Parent=Smp_060620.1
SM_V9_1 Liftoff CDS     53245183        53245252        .       -
        0       Parent=Smp_060620.1
SM_V9_1 Liftoff CDS     53245283        53245288        .       -
        0       Parent=Smp_060620.1
SM_V9_1 Liftoff gene    53273201        53278659        .       -
        .       ID=Smp_154680;geneID=Smp_154680
SM_V9_1 Liftoff mRNA    53273201        53278659        .       -
        .
ID=Smp_154680.1;Parent=Smp_154680;geneID=Smp_154680;product=Beta-1,3
-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-
acetylglucosaminyltransferase;polypeptide_domain=InterPro:IPR003406
Pfam:PF02485;Ontology_term=GO:0008375,GO:0016020
SM_V9_1 Liftoff exon    53273201        53273841        .       -
        .       Parent=Smp_154680.1
SM_V9_1 Liftoff exon    53277497        53278659        .       -
        .       Parent=Smp_154680.1
SM_V9_1 Liftoff CDS     53273332        53273841        .       -
        0       Parent=Smp_154680.1
SM_V9_1 Liftoff CDS     53277497        53278321        .       -
        0       Parent=Smp_154680.1
SM_V9_1 Liftoff gene    53294463        53299406        .       +
        .       ID=Smp_154670;geneID=Smp_154670
SM_V9_1 Liftoff mRNA    53294463        53299406        .       +
        .
ID=Smp_154670.1;Parent=Smp_154670;geneID=Smp_154670;product=Beta-1,3
-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-
acetylglucosaminyltransferase
3;polypeptide_domain=InterPro:IPR003406
Pfam:PF02485;Ontology_term=GO:0008375,GO:0016020
SM_V9_1 Liftoff exon    53294463        53295549        .       +
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        .       Parent=Smp_154670.1
SM_V9_1 Liftoff exon    53297976        53299406        .       +
        .       Parent=Smp_154670.1
SM_V9_1 Liftoff CDS     53294986        53295549        .       +
        0       Parent=Smp_154670.1
SM_V9_1 Liftoff CDS     53297976        53298488        .       +
        0       Parent=Smp_154670.1
SM_V9_1 Liftoff gene    53310593        53318389        .       +
        .       ID=Smp_060570;geneID=Smp_060570
SM_V9_1 Liftoff mRNA    53310593        53318389        .       +
        .
ID=Smp_060570.1;Parent=Smp_060570;geneID=Smp_060570;product=UPF0764
protein C16orf89 homolog;polypeptide_domain=InterPro:IPR031751
Pfam:PF15882
SM_V9_1 Liftoff exon    53310593        53310928        .       +
        .       Parent=Smp_060570.1
SM_V9_1 Liftoff exon    53310957        53311381        .       +
        .       Parent=Smp_060570.1
SM_V9_1 Liftoff exon    53311413        53311572        .       +
        .       Parent=Smp_060570.1
SM_V9_1 Liftoff exon    53313472        53313657        .       +
        .       Parent=Smp_060570.1
SM_V9_1 Liftoff exon    53316675        53316822        .       +
        .       Parent=Smp_060570.1
SM_V9_1 Liftoff exon    53317563        53318389        .       +
        .       Parent=Smp_060570.1
SM_V9_1 Liftoff CDS     53310745        53310928        .       +
        0       Parent=Smp_060570.1
SM_V9_1 Liftoff CDS     53310957        53311381        .       +
        2       Parent=Smp_060570.1
SM_V9_1 Liftoff CDS     53311413        53311572        .       +
        0       Parent=Smp_060570.1
SM_V9_1 Liftoff CDS     53313472        53313657        .       +
        2       Parent=Smp_060570.1
SM_V9_1 Liftoff CDS     53316675        53316822        .       +
        2       Parent=Smp_060570.1
SM_V9_1 Liftoff CDS     53317563        53317866        .       +
        1       Parent=Smp_060570.1
SM_V9_1 Liftoff gene    53348643        53352533        .       +
        .       ID=Smp_060560;geneID=Smp_060560
SM_V9_1 Liftoff mRNA    53348643        53352533        .       +
        .
ID=Smp_060560.1;Parent=Smp_060560;geneID=Smp_060560;product=T-
complex-associated testis-expressed protein
1;polypeptide_domain=InterPro:IPR001611
Pfam:PF13516;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    53348643        53348842        .       +
        .       Parent=Smp_060560.1
SM_V9_1 Liftoff exon    53352227        53352533        .       +
        .       Parent=Smp_060560.1
SM_V9_1 Liftoff CDS     53348643        53348842        .       +
        0       Parent=Smp_060560.1
SM_V9_1 Liftoff CDS     53352227        53352533        .       +
        1       Parent=Smp_060560.1
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SM_V9_1 iris    gene    53353542        53363652        .       -
       .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    53353542        53363652        .       -
       .
ID=Smp_332520.1;Parent=Smp_332520;geneID=Smp_332520;gene_name=Smp_33
2520;owner=irisadmin@local.host;orig_id=Smp_332520.1;date_last_modif
ied=2022-08-01;Name=Smp_332520.1;product=RIB43A-like with coiled-
coils protein 2;date_creation=2022-08-01
SM_V9_1 iris    exon    53353542        53353900        .       -
       .       Parent=Smp_332520.1;Name=f9245f64-3149-49e2-bae5-
b134c86a5242
SM_V9_1 iris    exon    53354840        53355028        .       -
       .       Parent=Smp_332520.1;Name=109bcdaf-9d4e-4066-a818-
ea89a7274ca1
SM_V9_1 iris    exon    53355864        53356206        .       -
       .
Parent=Smp_332520.1;Name=dc4dc192-6d62-45b7-9535-1cee1dfb2b11
SM_V9_1 iris    exon    53362973        53363321        .       -
       .       Parent=Smp_332520.1;Name=5ee1522a-c00e-4fc8-
b248-1da7fb28c200
SM_V9_1 iris    exon    53363357        53363438        .       -
       .
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SM_V9_1 iris    exon    53363483        53363652        .       -
       .       Parent=Smp_332520.1;Name=faba79db-
a069-4f04-8cae-359aff15584b
SM_V9_1 iris    CDS     53353841        53353900        .       -
       0       Parent=Smp_332520.1
SM_V9_1 iris    CDS     53354840        53355028        .       -
       0       Parent=Smp_332520.1
SM_V9_1 iris    CDS     53355864        53356206        .       -
       1       Parent=Smp_332520.1
SM_V9_1 iris    CDS     53362973        53363321        .       -
       2       Parent=Smp_332520.1
SM_V9_1 iris    CDS     53363357        53363438        .       -
       0       Parent=Smp_332520.1
SM_V9_1 iris    CDS     53363483        53363599        .       -
       0       Parent=Smp_332520.1
SM_V9_1 Liftoff gene    53368223        53370369        .       -
       .       ID=Smp_319490;geneID=Smp_319490
SM_V9_1 Liftoff mRNA    53368223        53370369        .       -
       .
ID=Smp_319490.1;Parent=Smp_319490;geneID=Smp_319490;product=Uncharac
terized protein YhjR
SM_V9_1 Liftoff exon    53368223        53368583        .       -
       .       Parent=Smp_319490.1
SM_V9_1 Liftoff exon    53370197        53370369        .       -
       .       Parent=Smp_319490.1
SM_V9_1 Liftoff CDS     53368348        53368583        .       -
       2       Parent=Smp_319490.1
SM_V9_1 Liftoff CDS     53370197        53370242        .       -
       0       Parent=Smp_319490.1
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SM_V9_1 iris    gene    53385982        53415309        .       -
       .
ID=Smp_154650;geneID=Smp_154650;gene_name=Smp_154650;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    53385982        53415309        .       -
       .
ID=Smp_154650.1;Parent=Smp_154650;geneID=Smp_154650;gene_name=Smp_15
4650;owner=irisadmin@local.host;orig_id=Smp_154650.1;date_last_modif
ied=2022-08-01;Name=Smp_154650.1;product=CTD small phosphatase-like
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    53385982        53388113        .       -
       .       Parent=Smp_154650.1;Name=dfe08b37-13b3-4f7d-a567-
dfad6a91cb34
SM_V9_1 iris    exon    53389155        53389340        .       -
       .       Parent=Smp_154650.1;Name=c5604d95-c586-4081-95df-
a7429fcb8d84
SM_V9_1 iris    exon    53396765        53396857        .       -
       .
Parent=Smp_154650.1;Name=1b04cea1-1be5-4756-8c9e-42b89d3f8965
SM_V9_1 iris    exon    53401107        53401163        .       -
       .       Parent=Smp_154650.1;Name=69407d3a-f9eb-41cf-
b16f-3a3d92b0a2f0
SM_V9_1 iris    exon    53406131        53406235        .       -
       .       Parent=Smp_154650.1;Name=18f9cc59-
c420-48cc-8f4c-8b8625063251
SM_V9_1 iris    exon    53407658        53408511        .       -
       .       Parent=Smp_154650.1;Name=0e173e15-e8df-4340-
af98-6a10e6649b34
SM_V9_1 iris    exon    53414868        53415309        .       -
       .       Parent=Smp_154650.1;Name=f68e6506-ff52-4627-
a257-8099e4a868cb
SM_V9_1 iris    CDS     53387799        53388113        .       -
       0       Parent=Smp_154650.1
SM_V9_1 iris    CDS     53389155        53389340        .       -
       0       Parent=Smp_154650.1
SM_V9_1 iris    CDS     53396765        53396857        .       -
       0       Parent=Smp_154650.1
SM_V9_1 iris    CDS     53401107        53401163        .       -
       0       Parent=Smp_154650.1
SM_V9_1 iris    CDS     53406131        53406235        .       -
       0       Parent=Smp_154650.1
SM_V9_1 iris    CDS     53407658        53408511        .       -
       2       Parent=Smp_154650.1
SM_V9_1 iris    CDS     53414868        53415228        .       -
       0       Parent=Smp_154650.1
SM_V9_1 iris    gene    53423673        53432112        .       +
       .
ID=Smp_154640;geneID=Smp_154640;gene_name=Smp_154640;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    53423673        53432112        .       +
       .
ID=Smp_154640.1;Parent=Smp_154640;geneID=Smp_154640;gene_name=Smp_15
4640;owner=irisadmin@local.host;orig_id=Smp_154640.1;date_last_modif
ied=2022-08-01;Name=Smp_154640.1;product=SWI/SNF-related matrix-
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associated actin-dependent regulator of chromatin subfamily E member
1;date_creation=2022-07-28
SM_V9_1 iris    exon    53423673        53423713        .       +
        .       Parent=Smp_154640.1;Name=66f66e13-94df-4924-aaeb-
db05fd2b0a93
SM_V9_1 iris    exon    53425664        53425735        .       +
        .       Parent=Smp_154640.1;Name=192b3feb-b8ab-4a65-973a-
baf18151ce86
SM_V9_1 iris    exon    53425769        53426051        .       +
        .       Parent=Smp_154640.1;Name=e5875fb4-
f869-4efa-9046-7ff8b5bc01ca
SM_V9_1 iris    exon    53426089        53426214        .       +
        .       Parent=Smp_154640.1;Name=9fe9d5c7-5a2b-49f9-
b216-3f944e0ce619
SM_V9_1 iris    exon    53427149        53427732        .       +
        .       Parent=Smp_154640.1;Name=e944ff8c-6577-4871-8ea8-
ba60dd81d6be
SM_V9_1 iris    exon    53428708        53430235        .       +
        .       Parent=Smp_154640.1;Name=86e09e49-0f94-4512-
ac83-7174e6d4d3a2
SM_V9_1 iris    exon    53431616        53432112        .       +
        .       Parent=Smp_154640.1;Name=ff63eb4e-dfb3-435a-a552-
fe27c169703d
SM_V9_1 iris    CDS     53423696        53423713        .       +
        0       Parent=Smp_154640.1
SM_V9_1 iris    CDS     53425664        53425735        .       +
        0       Parent=Smp_154640.1
SM_V9_1 iris    CDS     53425769        53426051        .       +
        0       Parent=Smp_154640.1
SM_V9_1 iris    CDS     53426089        53426214        .       +
        2       Parent=Smp_154640.1
SM_V9_1 iris    CDS     53427149        53427732        .       +
        2       Parent=Smp_154640.1
SM_V9_1 iris    CDS     53428708        53430235        .       +
        0       Parent=Smp_154640.1
SM_V9_1 iris    CDS     53431616        53431947        .       +
        2       Parent=Smp_154640.1
SM_V9_1 iris    gene    53447970        53501394        .       -
        .
ID=Smp_154620;geneID=Smp_154620;gene_name=Smp_154620;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_1 iris    mRNA    53447970        53501394        .       -
        .
ID=Smp_154620.1;Parent=Smp_154620;geneID=Smp_154620;gene_name=Smp_15
4620;owner=irisadmin@local.host;orig_id=Smp_154620.1;date_last_modif
ied=2022-11-12;Name=Smp_154620.1;product=GATOR complex protein
WDR59;date_creation=2022-11-12
SM_V9_1 iris    exon    53447970        53450298        .       -
        .       Parent=Smp_154620.1;Name=366e5ac5-df4d-4700-
b316-753856485784
SM_V9_1 iris    exon    53451378        53451654        .       -
        .       Parent=Smp_154620.1;Name=f4551db2-3dbe-406e-
a33f-4245d7fadd1b
SM_V9_1 iris    exon    53452715        53452763        .       -
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        .       Parent=Smp_154620.1;Name=6fcaea8a-
c899-4c18-94a9-540ae97c94e6
SM_V9_1 iris    exon    53455475        53455565        .       -
        .       Parent=Smp_154620.1;Name=1d2e2f08-765d-4b2a-93fe-
b96af0252bde
SM_V9_1 iris    exon    53457703        53457815        .       -
        .
Parent=Smp_154620.1;Name=60421362-4372-40f4-83ed-565d4f3ff0be
SM_V9_1 iris    exon    53459941        53460022        .       -
        .       Parent=Smp_154620.1;Name=68066a32-b16b-4098-
bd9f-532da79a928b
SM_V9_1 iris    exon    53461546        53461615        .       -
        .       Parent=Smp_154620.1;Name=19f68d6b-5632-4325-8fed-
e4eb5717cd9f
SM_V9_1 iris    exon    53465018        53465141        .       -
        .       Parent=Smp_154620.1;Name=f5b79468-
e9b1-4513-8672-51af93414e83
SM_V9_1 iris    exon    53465994        53466614        .       -
        .
Parent=Smp_154620.1;Name=1ed7b9ab-2959-4e2d-9016-1ad36114a456
SM_V9_1 iris    exon    53467472        53467582        .       -
        .       Parent=Smp_154620.1;Name=10497462-772e-4f4a-
a56f-9fd96af8314d
SM_V9_1 iris    exon    53470281        53470838        .       -
        .       Parent=Smp_154620.1;Name=e5b67c52-f103-4e72-
b918-5bb2a583388b
SM_V9_1 iris    exon    53473504        53473577        .       -
        .       Parent=Smp_154620.1;Name=3aa9944b-ec1d-452b-af75-
d36f3abd7e13
SM_V9_1 iris    exon    53474638        53474740        .       -
        .       Parent=Smp_154620.1;Name=a8aff22a-c107-43cd-bc87-
ee162b9dcace
SM_V9_1 iris    exon    53476306        53476547        .       -
        .       Parent=Smp_154620.1;Name=4931fe10-8ee9-4994-8fa9-
c6102aabd62d
SM_V9_1 iris    exon    53484717        53485137        .       -
        .
Parent=Smp_154620.1;Name=39d181f2-16b7-4132-98b9-526e5a40a530
SM_V9_1 iris    exon    53485940        53486134        .       -
        .
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SM_V9_1 iris    exon    53486844        53486932        .       -
        .
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SM_V9_1 iris    exon    53490912        53491128        .       -
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SM_V9_1 iris    exon    53492514        53492640        .       -
        .       Parent=Smp_154620.1;Name=5922804d-f9cf-4892-9740-
ae37ce1a29ac
SM_V9_1 iris    exon    53500162        53500211        .       -
        .       Parent=Smp_154620.1;Name=d3f67a78-8e1f-4af5-
a2ef-044a0c309ecb
SM_V9_1 iris    exon    53501353        53501394        .       -
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aade-1adb0f96e129
SM_V9_1 iris    CDS     53449770        53450298        .       -
        1       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53451378        53451654        .       -
        2       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53452715        53452763        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53455475        53455565        .       -
        1       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53457703        53457815        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53459941        53460022        .       -
        1       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53461546        53461615        .       -
        2       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53465018        53465141        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53465994        53466614        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53467472        53467582        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53470281        53470838        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53473504        53473577        .       -
        2       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53474638        53474740        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53476306        53476547        .       -
        2       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53484717        53485137        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53485940        53486134        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53486844        53486932        .       -
        2       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53490912        53491128        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53492514        53492640        .       -
        1       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53500162        53500211        .       -
        0       Parent=Smp_154620.1
SM_V9_1 iris    CDS     53501353        53501394        .       -
        0       Parent=Smp_154620.1
SM_V9_1 Liftoff gene    53503034        53511555        .       -
        .       ID=Smp_060490;geneID=Smp_060490
SM_V9_1 Liftoff mRNA    53503034        53511555        .       -
        .
ID=Smp_060490.1;Parent=Smp_060490;geneID=Smp_060490;product=serine
rich protein;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR001876,IPR033774
Pfam:PF00641,PF17219
SM_V9_1 Liftoff exon    53503034        53505035        .       -
        .       Parent=Smp_060490.1
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SM_V9_1 Liftoff exon    53510937        53511099        .       -
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SM_V9_1 Liftoff exon    53511133        53511255        .       -
        .       Parent=Smp_060490.1
SM_V9_1 Liftoff exon    53511291        53511413        .       -
        .       Parent=Smp_060490.1
SM_V9_1 Liftoff exon    53511463        53511555        .       -
        .       Parent=Smp_060490.1
SM_V9_1 Liftoff CDS     53503911        53505035        .       -
        0       Parent=Smp_060490.1
SM_V9_1 Liftoff CDS     53510937        53511099        .       -
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SM_V9_1 Liftoff CDS     53511133        53511255        .       -
        1       Parent=Smp_060490.1
SM_V9_1 Liftoff CDS     53511291        53511413        .       -
        1       Parent=Smp_060490.1
SM_V9_1 Liftoff CDS     53511463        53511491        .       -
        0       Parent=Smp_060490.1
SM_V9_1 Liftoff gene    53525029        53558573        .       +
        .       ID=Smp_060480;geneID=Smp_060480
SM_V9_1 Liftoff mRNA    53525029        53558573        .       +
        .
ID=Smp_060480.1;Parent=Smp_060480;geneID=Smp_060480;product=Copine-8
;polypeptide_domain=InterPro:IPR000008,IPR002035,IPR010734
Pfam:PF00168,PF07002
SM_V9_1 Liftoff exon    53525029        53525174        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53525212        53525252        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53525290        53525440        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53525477        53525516        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53525549        53525619        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53525654        53525688        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53525727        53525755        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53525789        53525892        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53526933        53527037        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53528788        53528829        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53529580        53529658        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53531752        53531805        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53533872        53533933        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53535214        53535366        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53536793        53536868        .       +
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SM_V9_1 Liftoff exon    53552710        53552812        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53556272        53556403        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff exon    53557771        53558573        .       +
        .       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53525122        53525174        .       +
        0       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53525212        53525252        .       +
        1       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53525290        53525440        .       +
        2       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53525477        53525516        .       +
        1       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53525549        53525619        .       +
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SM_V9_1 Liftoff CDS     53525654        53525688        .       +
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SM_V9_1 Liftoff CDS     53525727        53525755        .       +
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SM_V9_1 Liftoff CDS     53525789        53525892        .       +
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SM_V9_1 Liftoff CDS     53528788        53528829        .       +
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SM_V9_1 Liftoff CDS     53529580        53529658        .       +
        1       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53531752        53531805        .       +
        0       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53533872        53533933        .       +
        0       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53535214        53535366        .       +
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SM_V9_1 Liftoff CDS     53536793        53536868        .       +
        1       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53547066        53547193        .       +
        0       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53552710        53552812        .       +
        1       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53556272        53556403        .       +
        0       Parent=Smp_060480.1
SM_V9_1 Liftoff CDS     53557771        53558046        .       +
        0       Parent=Smp_060480.1
SM_V9_1 Liftoff gene    53565234        53568533        .       +
        .
ID=Smp_092780;geneID=Smp_092780;previous_systematic_id=Smp_172900
SM_V9_1 Liftoff mRNA    53565234        53568533        .       +
        .
ID=Smp_092780.1;Parent=Smp_092780;geneID=Smp_092780;product=snRNA-
activating protein complex subunit
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3;polypeptide_domain=InterPro:IPR022042 Pfam:PF12251
SM_V9_1 Liftoff exon    53565234        53566382        .       +
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SM_V9_1 Liftoff exon    53566417        53566720        .       +
        .       Parent=Smp_092780.1
SM_V9_1 Liftoff exon    53566753        53566845        .       +
        .       Parent=Smp_092780.1
SM_V9_1 Liftoff exon    53566878        53567020        .       +
        .       Parent=Smp_092780.1
SM_V9_1 Liftoff exon    53567055        53567225        .       +
        .       Parent=Smp_092780.1
SM_V9_1 Liftoff exon    53568238        53568533        .       +
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SM_V9_1 Liftoff CDS     53566198        53566382        .       +
        0       Parent=Smp_092780.1
SM_V9_1 Liftoff CDS     53566417        53566720        .       +
        1       Parent=Smp_092780.1
SM_V9_1 Liftoff CDS     53566753        53566845        .       +
        0       Parent=Smp_092780.1
SM_V9_1 Liftoff CDS     53566878        53567020        .       +
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SM_V9_1 Liftoff CDS     53567055        53567225        .       +
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SM_V9_1 Liftoff CDS     53568238        53568499        .       +
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subunit
gamma-2;polypeptide_domain=InterPro:IPR002553,IPR009028,IPR011989,IP
R013040,IPR013041,IPR016024,IPR017106,IPR032154
Pfam:PF01602,PF08752,PF16381;Ontology_term=GO:0005198,GO:0005488,GO:
0006886,GO:0016192,GO:0030117,GO:0030126
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        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53573117        53573255        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53575505        53575765        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53576195        53576421        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53577087        53577361        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53579177        53579417        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53583334        53583586        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53584285        53584597        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53586433        53586473        .       -
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SM_V9_1 Liftoff exon    53586508        53586804        .       -
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SM_V9_1 Liftoff exon    53586948        53587027        .       -
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SM_V9_1 Liftoff exon    53587060        53587131        .       -
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SM_V9_1 Liftoff exon    53587170        53587250        .       -
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        .       Parent=Smp_092770.1
SM_V9_1 Liftoff exon    53587428        53587545        .       -
        .       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53569969        53570231        .       -
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SM_V9_1 Liftoff CDS     53573117        53573255        .       -
        0       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53575505        53575765        .       -
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SM_V9_1 Liftoff CDS     53576195        53576421        .       -
        2       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53577087        53577361        .       -
        1       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53579177        53579417        .       -
        2       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53583334        53583586        .       -
        0       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53584285        53584597        .       -
        1       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53586433        53586473        .       -
        0       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53586508        53586804        .       -
        0       Parent=Smp_092770.1
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        1       Parent=Smp_092770.1
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        0       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53587060        53587131        .       -
        0       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53587170        53587250        .       -
        0       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53587292        53587341        .       -
        2       Parent=Smp_092770.1
SM_V9_1 Liftoff CDS     53587428        53587485        .       -
        0       Parent=Smp_092770.1
SM_V9_1 Liftoff gene    53604854        53607135        .       -
        .       ID=Smp_319500;geneID=Smp_319500
SM_V9_1 Liftoff mRNA    53604854        53607135        .       -
        .
ID=Smp_319500.1;Parent=Smp_319500;geneID=Smp_319500;product=Serine
palmitoyltransferase small subunit
A;polypeptide_domain=InterPro:IPR024512 Pfam:PF11779
SM_V9_1 Liftoff exon    53604854        53605301        .       -
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SM_V9_1 Liftoff exon    53606025        53607135        .       -
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SM_V9_1 Liftoff CDS     53605183        53605301        .       -
        2       Parent=Smp_319500.1
SM_V9_1 Liftoff CDS     53606025        53606124        .       -
        0       Parent=Smp_319500.1
SM_V9_1 iris    gene    53618697        53633948        .       +
        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    53618697        53633948        .       +
        .
ID=Smp_210810.1;Parent=Smp_210810;geneID=Smp_210810;gene_name=Smp_21
0810;owner=irisadmin@local.host;orig_id=Smp_210810.1;date_last_modif
ied=2022-08-01;Name=Smp_210810.1;product=ATPase
asna1;date_creation=2022-07-28
SM_V9_1 iris    exon    53618697        53618723        .       +
        .       Parent=Smp_210810.1;Name=f1de9415-
b61b-491a-8a34-7f366d45c8f5
SM_V9_1 iris    exon    53619190        53619422        .       +
        .       Parent=Smp_210810.1;Name=bb3f2c81-7c58-4488-
b1f0-75d0e75aac33
SM_V9_1 iris    exon    53627443        53627751        .       +
        .       Parent=Smp_210810.1;Name=b2435c75-434e-4685-
b91e-632f3462a24f
SM_V9_1 iris    exon    53629662        53629862        .       +
        .       Parent=Smp_210810.1;Name=776ac27f-8834-4d29-80eb-
b09def78e3f4
SM_V9_1 iris    exon    53633223        53633948        .       +
        .       Parent=Smp_210810.1;Name=4bc8abc7-2aeb-4f5c-
bd10-7dabd29d8689
SM_V9_1 iris    CDS     53619198        53619422        .       +
        0       Parent=Smp_210810.1
SM_V9_1 iris    CDS     53627443        53627751        .       +
        0       Parent=Smp_210810.1
SM_V9_1 iris    CDS     53629662        53629862        .       +
        0       Parent=Smp_210810.1
SM_V9_1 iris    CDS     53633223        53633516        .       +
        0       Parent=Smp_210810.1
SM_V9_1 iris    mRNA    53618697        53633948        .       +
        .
ID=Smp_210810.2;Parent=Smp_210810;geneID=Smp_210810;gene_name=Smp_21
0810;owner=irisadmin@local.host;orig_id=Smp_210810.1;date_last_modif
ied=2022-08-01;Name=Smp_210810.2;product=ATPase
asna1;date_creation=2022-08-01
SM_V9_1 iris    exon    53618697        53618723        .       +
        .       Parent=Smp_210810.2;Name=065d714e-
a40f-4fea-89cf-621e5b708c73
SM_V9_1 iris    exon    53619190        53619422        .       +
        .       Parent=Smp_210810.2;Name=b50ba09b-3a9b-45d4-
a3c5-652d9de1aa90
SM_V9_1 iris    exon    53627443        53627751        .       +
        .
Parent=Smp_210810.2;Name=2e3a9acf-0670-42df-80ed-448d3bce276e
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SM_V9_1 iris    exon    53629662        53629862        .       +
       .
Parent=Smp_210810.2;Name=0d3d0291-87b9-4131-91a1-661df3d455e2
SM_V9_1 iris    exon    53633223        53633948        .       +
       .       Parent=Smp_210810.2;Name=c221f4e0-
d3dd-4a2d-8533-54ba28a04ee9
SM_V9_1 iris    CDS     53619198        53619422        .       +
       0       Parent=Smp_210810.2
SM_V9_1 iris    CDS     53627443        53627751        .       +
       0       Parent=Smp_210810.2
SM_V9_1 iris    CDS     53629662        53629862        .       +
       0       Parent=Smp_210810.2
SM_V9_1 iris    CDS     53633223        53633516        .       +
       0       Parent=Smp_210810.2
SM_V9_1 Liftoff gene    53645739        53671122        .       +
       .
ID=Smp_210820;geneID=Smp_210820;previous_systematic_id=Smp_159010
SM_V9_1 Liftoff mRNA    53645739        53671122        .       +
       .
ID=Smp_210820.1;Parent=Smp_210820;geneID=Smp_210820;product=Beta-
adrenergic receptor kinase
1;polypeptide_domain=InterPro:IPR000239,IPR000719,IPR000961,IPR00184
9,IPR008271,IPR011009,IPR011993,IPR016137,IPR017441
Pfam:PF00069,PF00615;Ontology_term=GO:0004672,GO:0004674,GO:0004703,
GO:0005524,GO:0006468,GO:0007165
SM_V9_1 Liftoff exon    53645739        53645983        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53650532        53650608        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53650656        53650729        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53650770        53650871        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53650910        53650996        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53651032        53651093        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53651142        53651193        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53651240        53651331        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53653143        53653242        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53656827        53657039        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53658532        53658801        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53659521        53659621        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53662157        53662319        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53663886        53664326        .       +
       .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53666143        53666259        .       +
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        .       Parent=Smp_210820.1
SM_V9_1 Liftoff exon    53667971        53671122        .       +
        .       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53645871        53645983        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53650532        53650608        .       +
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SM_V9_1 Liftoff CDS     53650656        53650729        .       +
        2       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53650770        53650871        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53650910        53650996        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53651032        53651093        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53651142        53651193        .       +
        1       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53651240        53651331        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53653143        53653242        .       +
        1       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53656827        53657039        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53658532        53658801        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53659521        53659621        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53662157        53662319        .       +
        1       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53663886        53664326        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53666143        53666259        .       +
        0       Parent=Smp_210820.1
SM_V9_1 Liftoff CDS     53667971        53668426        .       +
        0       Parent=Smp_210820.1
SM_V9_1 iris    gene    53736143        53789070        .       -
        .
ID=Smp_159020;geneID=Smp_159020;gene_name=Smp_159020;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-12
SM_V9_1 iris    mRNA    53736143        53789070        .       -
        .
ID=Smp_159020.1;Parent=Smp_159020;geneID=Smp_159020;gene_name=Smp_15
9020;owner=irisadmin@local.host;orig_id=Smp_159020.1;date_last_modif
ied=2022-11-13;Name=Smp_159020.1;product=Hypothetical
protein;date_creation=2022-11-12
SM_V9_1 iris    exon    53736143        53738489        .       -
        .       Parent=Smp_159020.1;Name=c4cdcdd9-24aa-431e-b9c2-
a660f247e3be
SM_V9_1 iris    exon    53740018        53740110        .       -
        .
Parent=Smp_159020.1;Name=ba37935b-0a47-4261-8c3a-767e947e4dd9
SM_V9_1 iris    exon    53742240        53742396        .       -
        .       Parent=Smp_159020.1;Name=45861371-268a-450b-8f4d-
c8ea6dc4622f
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SM_V9_1 iris    exon    53743700        53744157        .       -
        .       Parent=Smp_159020.1;Name=4cf2bfbb-8523-427f-
a487-991698ad71d9
SM_V9_1 iris    exon    53744628        53745114        .       -
        .       Parent=Smp_159020.1;Name=05332099-
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SM_V9_1 iris    exon    53746790        53746904        .       -
        .       Parent=Smp_159020.1;Name=63af740e-8391-49ad-ad57-
edc238a852a1
SM_V9_1 iris    exon    53761254        53761968        .       -
        .       Parent=Smp_159020.1;Name=e09e66a3-9953-4ba2-
a136-2a8afcd6b840
SM_V9_1 iris    exon    53782141        53782715        .       -
        .
Parent=Smp_159020.1;Name=342ba2eb-0697-4471-802d-2e2a91668cf6
SM_V9_1 iris    exon    53788697        53789070        .       -
        .       Parent=Smp_159020.1;Name=50c346a0-7c04-47e0-
a53d-50a50c016449
SM_V9_1 iris    CDS     53737291        53738489        .       -
        2       Parent=Smp_159020.1
SM_V9_1 iris    CDS     53740018        53740110        .       -
        2       Parent=Smp_159020.1
SM_V9_1 iris    CDS     53742240        53742396        .       -
        0       Parent=Smp_159020.1
SM_V9_1 iris    CDS     53743700        53744157        .       -
        2       Parent=Smp_159020.1
SM_V9_1 iris    CDS     53744628        53745114        .       -
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SM_V9_1 iris    CDS     53746790        53746904        .       -
        1       Parent=Smp_159020.1
SM_V9_1 iris    CDS     53761254        53761968        .       -
        2       Parent=Smp_159020.1
SM_V9_1 iris    CDS     53782141        53782715        .       -
        1       Parent=Smp_159020.1
SM_V9_1 iris    CDS     53788697        53788908        .       -
        0       Parent=Smp_159020.1
SM_V9_1 Liftoff transcript      53791653        53797849        .
        -       .       ID=Smp_319470.1
SM_V9_1 Liftoff exon    53791653        53791731        .       -
        .       Parent=Smp_319470.1
SM_V9_1 Liftoff exon    53797706        53797849        .       -
        .       Parent=Smp_319470.1
SM_V9_1 Liftoff gene    53797069        53820533        .       +
        .       ID=Smp_068060;geneID=Smp_068060
SM_V9_1 Liftoff mRNA    53797069        53820533        .       +
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ID=Smp_068060.1;Parent=Smp_068060;geneID=Smp_068060;product=Serine/
threonine-protein kinase
TAO3;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    53797069        53797394        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53797427        53797606        .       +
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SM_V9_1 Liftoff exon    53797645        53797690        .       +
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SM_V9_1 Liftoff exon    53797728        53798030        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53800338        53800480        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53801323        53801808        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53802390        53802521        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53805624        53805873        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53808027        53808418        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53809027        53809377        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53810816        53811073        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53814359        53814700        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53817191        53817373        .       +
        .       Parent=Smp_068060.1
SM_V9_1 Liftoff exon    53818264        53820533        .       +
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SM_V9_1 Liftoff CDS     53797263        53797394        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53797427        53797606        .       +
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SM_V9_1 Liftoff CDS     53797645        53797690        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53797728        53798030        .       +
        2       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53800338        53800480        .       +
        2       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53801323        53801808        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53802390        53802521        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53805624        53805873        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53808027        53808418        .       +
        2       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53809027        53809377        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53810816        53811073        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53814359        53814700        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53817191        53817373        .       +
        0       Parent=Smp_068060.1
SM_V9_1 Liftoff CDS     53818264        53818533        .       +
        0       Parent=Smp_068060.1
SM_V9_1 iris    gene    53820538        53867085        .       -
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ID=Smp_068070;geneID=Smp_068070;gene_name=Smp_068070;owner=irisadmin
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SM_V9_1 iris    mRNA    53820538        53867085        .       -
       .
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ied=2022-08-01;Name=Smp_068070.1;product=Carbamoyl-phosphate
synthase large chain;date_creation=2022-07-28
SM_V9_1 iris    exon    53820538        53820920        .       -
       .       Parent=Smp_068070.1;Name=4c6e26b9-6825-4cae-98b5-
f31cbf374507
SM_V9_1 iris    exon    53821041        53821235        .       -
       .
Parent=Smp_068070.1;Name=7715ade2-42d0-4013-9207-25c8ec9f9ee6
SM_V9_1 iris    exon    53821756        53822210        .       -
       .       Parent=Smp_068070.1;Name=09eb4e16-d9e5-4bcb-
b69a-3c03cef4d58a
SM_V9_1 iris    exon    53826589        53826714        .       -
       .       Parent=Smp_068070.1;Name=854af0c2-
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SM_V9_1 iris    exon    53826767        53826919        .       -
       .       Parent=Smp_068070.1;Name=40c97206-d2b5-44dd-b0b8-
c9de7faaf113
SM_V9_1 iris    exon    53829842        53829984        .       -
       .       Parent=Smp_068070.1;Name=6581a94a-ac29-4dec-
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SM_V9_1 iris    exon    53836183        53836282        .       -
       .
Parent=Smp_068070.1;Name=1c6c44b0-1731-46ab-8ef6-4237ec78b789
SM_V9_1 iris    exon    53860435        53860557        .       -
       .       Parent=Smp_068070.1;Name=3fc69ccf-2d64-4bf7-a5a5-
dbae9046949c
SM_V9_1 iris    exon    53863485        53863596        .       -
       .       Parent=Smp_068070.1;Name=eff72b38-2af3-4ec0-
b989-8b8ae7146225
SM_V9_1 iris    exon    53865058        53865381        .       -
       .       Parent=Smp_068070.1;Name=874ccf31-8430-4cb4-
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SM_V9_1 iris    exon    53867028        53867085        .       -
       .       Parent=Smp_068070.1;Name=87a0628d-
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SM_V9_1 iris    CDS     53820744        53820920        .       -
       0       Parent=Smp_068070.1
SM_V9_1 iris    CDS     53821041        53821235        .       -
       0       Parent=Smp_068070.1
SM_V9_1 iris    CDS     53821756        53822210        .       -
       2       Parent=Smp_068070.1
SM_V9_1 iris    CDS     53826589        53826714        .       -
       2       Parent=Smp_068070.1
SM_V9_1 iris    CDS     53826767        53826919        .       -
       2       Parent=Smp_068070.1
SM_V9_1 iris    CDS     53829842        53829984        .       -
       1       Parent=Smp_068070.1
SM_V9_1 iris    CDS     53836183        53836282        .       -
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        2       Parent=Smp_068070.1
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SM_V9_1 iris    CDS     53863485        53863596        .       -
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SM_V9_1 iris    CDS     53865058        53865294        .       -
        0       Parent=Smp_068070.1
SM_V9_1 iris    gene    53875619        53876221        .       +
        .
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SM_V9_1 iris    mRNA    53875619        53876221        .       +
        .
ID=Smp_337420.1;Parent=Smp_337420;geneID=Smp_337420;gene_name=Smp_33
7420;owner=irisadmin@local.host;orig_id=Smp_337420.2;date_last_modif
ied=2022-08-01;Name=Smp_337420.1;product=Zinc phosphodiesterase ELAC
protein 1;date_creation=2022-08-01
SM_V9_1 iris    exon    53875619        53875687        .       +
        .       Parent=Smp_337420.1;Name=8d36f74d-
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SM_V9_1 iris    exon    53875723        53875884        .       +
        .       Parent=Smp_337420.1;Name=76f21b56-f82f-466b-
a879-42f0d0d9b8cc
SM_V9_1 iris    exon    53875920        53875997        .       +
        .
Parent=Smp_337420.1;Name=594f67a5-0d33-4d7e-8e47-2afeb16ab8a0
SM_V9_1 iris    exon    53876030        53876221        .       +
        .
Parent=Smp_337420.1;Name=ba121a04-6e02-4c3f-8abb-3afe652f578f
SM_V9_1 iris    CDS     53875620        53875687        .       +
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SM_V9_1 iris    CDS     53875723        53875884        .       +
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SM_V9_1 iris    CDS     53875920        53875997        .       +
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SM_V9_1 iris    CDS     53876030        53876159        .       +
        1       Parent=Smp_337420.1
SM_V9_1 iris    gene    53879865        53888083        .       +
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ID=Smp_337425;geneID=Smp_337425;gene_name=Smp_337425;owner=irisadmin
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SM_V9_1 iris    mRNA    53879865        53888083        .       +
        .
ID=Smp_337425.1;Parent=Smp_337425;geneID=Smp_337425;gene_name=Smp_33
7425;owner=irisadmin@local.host;orig_id=Smp_337420.1;date_last_modif
ied=2022-08-01;Name=Smp_337425.1;date_creation=2022-08-01
SM_V9_1 iris    exon    53879865        53880226        .       +
        .       Parent=Smp_337425.1;Name=41de4e34-
abd1-4580-9ff8-2ff7ab7d7f7c
SM_V9_1 iris    exon    53882936        53883096        .       +
        .       Parent=Smp_337425.1;Name=ac28c7f3-8c9f-461d-a020-
c09e2900a8b7
SM_V9_1 iris    exon    53883858        53884042        .       +
        .       Parent=Smp_337425.1;Name=206e49fc-e453-4bfc-8c14-
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d91fe8f91e06
SM_V9_1 iris    exon    53886621        53886972        .       +
        .       Parent=Smp_337425.1;Name=062f4235-6664-4ea6-
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SM_V9_1 iris    exon    53887831        53888083        .       +
        .       Parent=Smp_337425.1;Name=67fc7ca2-7078-43db-
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SM_V9_1 iris    CDS     53880066        53880226        .       +
        0       Parent=Smp_337425.1
SM_V9_1 iris    CDS     53882936        53883096        .       +
        1       Parent=Smp_337425.1
SM_V9_1 iris    CDS     53883858        53884042        .       +
        2       Parent=Smp_337425.1
SM_V9_1 iris    CDS     53886621        53886972        .       +
        0       Parent=Smp_337425.1
SM_V9_1 iris    CDS     53887831        53887997        .       +
        2       Parent=Smp_337425.1
SM_V9_1 iris    gene    53900921        53907995        .       -
        .
ID=Smp_068100;geneID=Smp_068100;gene_name=Smp_068100;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    53900921        53907995        .       -
        .
ID=Smp_068100.1;Parent=Smp_068100;geneID=Smp_068100;gene_name=Smp_06
8100;owner=irisadmin@local.host;orig_id=Smp_068100.1;date_last_modif
ied=2022-08-01;Name=Smp_068100.1;product=Microfibrillar-associated
protein 1;date_creation=2022-07-28
SM_V9_1 iris    exon    53900921        53901379        .       -
        .       Parent=Smp_068100.1;Name=905ad6c3-d396-4e1b-
b8fb-134f7d5ec0c5
SM_V9_1 iris    exon    53902631        53902861        .       -
        .       Parent=Smp_068100.1;Name=6e655c18-59f4-4e56-a488-
b79d2a404865
SM_V9_1 iris    exon    53904397        53904594        .       -
        .       Parent=Smp_068100.1;Name=85686b7e-cd27-47da-b633-
a450eb7fc7d6
SM_V9_1 iris    exon    53905473        53905766        .       -
        .
Parent=Smp_068100.1;Name=a70e0b41-0d6a-4275-891a-63cbc3073c37
SM_V9_1 iris    exon    53906817        53906984        .       -
        .       Parent=Smp_068100.1;Name=2bba1cc7-c9ed-4c35-9b6c-
df5973a12521
SM_V9_1 iris    exon    53907576        53907995        .       -
        .       Parent=Smp_068100.1;Name=88dc979f-0fdd-4dc1-98b2-
ffdbea11d76d
SM_V9_1 iris    CDS     53901191        53901379        .       -
        0       Parent=Smp_068100.1
SM_V9_1 iris    CDS     53902631        53902861        .       -
        0       Parent=Smp_068100.1
SM_V9_1 iris    CDS     53904397        53904594        .       -
        0       Parent=Smp_068100.1
SM_V9_1 iris    CDS     53905473        53905766        .       -
        0       Parent=Smp_068100.1
SM_V9_1 iris    CDS     53906817        53906984        .       -
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        0       Parent=Smp_068100.1
SM_V9_1 iris    CDS     53907576        53907827        .       -
        0       Parent=Smp_068100.1
SM_V9_1 iris    gene    53918482        53939550        .       +
        .
ID=Smp_068110;geneID=Smp_068110;gene_name=Smp_068110;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    53918482        53939550        .       +
        .
ID=Smp_068110.1;Parent=Smp_068110;geneID=Smp_068110;gene_name=Smp_06
8110;owner=irisadmin@local.host;orig_id=Smp_068110.1;date_last_modif
ied=2022-08-01;Name=Smp_068110.1;product=Double-strand break repair
protein MRE11;date_creation=2022-08-01
SM_V9_1 iris    exon    53918482        53918684        .       +
        .
Parent=Smp_068110.1;Name=f7fedaba-549e-4685-87f7-4bf9ff65c100
SM_V9_1 iris    exon    53924799        53925697        .       +
        .       Parent=Smp_068110.1;Name=51a4d902-41a7-44a6-b1ef-
a521db64172b
SM_V9_1 iris    exon    53926911        53927297        .       +
        .       Parent=Smp_068110.1;Name=4ad34cab-1a12-4713-8dec-
a5039cd73ebe
SM_V9_1 iris    exon    53928779        53929241        .       +
        .       Parent=Smp_068110.1;Name=860a7f9f-53af-4f3e-b09d-
d4528a82a742
SM_V9_1 iris    exon    53932283        53932398        .       +
        .       Parent=Smp_068110.1;Name=1ebaddf7-bfa9-4a5a-b70d-
aa204b734b3d
SM_V9_1 iris    exon    53938937        53939550        .       +
        .       Parent=Smp_068110.1;Name=60ddee99-c557-4272-
bc70-2fde2daf246b
SM_V9_1 iris    CDS     53924819        53925697        .       +
        0       Parent=Smp_068110.1
SM_V9_1 iris    CDS     53926911        53927297        .       +
        0       Parent=Smp_068110.1
SM_V9_1 iris    CDS     53928779        53929241        .       +
        0       Parent=Smp_068110.1
SM_V9_1 iris    CDS     53932283        53932398        .       +
        2       Parent=Smp_068110.1
SM_V9_1 iris    CDS     53938937        53939416        .       +
        0       Parent=Smp_068110.1
SM_V9_1 iris    gene    53939609        53950268        .       -
        .
ID=Smp_068120;geneID=Smp_068120;gene_name=Smp_068120;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    53939609        53950268        .       -
        .
ID=Smp_068120.1;Parent=Smp_068120;geneID=Smp_068120;gene_name=Smp_06
8120;owner=irisadmin@local.host;orig_id=Smp_068120.1;date_last_modif
ied=2022-08-01;Name=Smp_068120.1;product=AH receptor-interacting
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    53939609        53939854        .       -
        .       Parent=Smp_068120.1;Name=ea30bc82-dde6-415d-
abdd-4aa6ec767a11
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SM_V9_1 iris    exon    53940672        53941016        .       -
        .       Parent=Smp_068120.1;Name=894a2f6a-4d4f-4a6b-
bcbe-15dd0a5f9e66
SM_V9_1 iris    exon    53942080        53942350        .       -
        .
Parent=Smp_068120.1;Name=8f894696-2a21-4e1d-9ab0-5a5c319768a2
SM_V9_1 iris    exon    53943971        53944221        .       -
        .       Parent=Smp_068120.1;Name=cf7c9d87-914b-490d-b40b-
c02144d3804c
SM_V9_1 iris    exon    53945762        53946250        .       -
        .
Parent=Smp_068120.1;Name=6a5c851a-74e2-4f00-994a-13343a056199
SM_V9_1 iris    exon    53950152        53950268        .       -
        .       Parent=Smp_068120.1;Name=d1216d93-3427-461e-a3b3-
f3e30d19de80
SM_V9_1 iris    CDS     53940726        53941016        .       -
        0       Parent=Smp_068120.1
SM_V9_1 iris    CDS     53942080        53942350        .       -
        1       Parent=Smp_068120.1
SM_V9_1 iris    CDS     53943971        53944221        .       -
        0       Parent=Smp_068120.1
SM_V9_1 iris    CDS     53945762        53946244        .       -
        0       Parent=Smp_068120.1
SM_V9_1 iris    non_canonical_five_prime_splice_site    53950150
        53950150        .       -       .       ID=Smp_068120.1-
non_canonical_five_prime_splice_site-53950149;Name=Smp_068120.1-
non_canonical_five_prime_splice_site-53950149
SM_V9_1 Liftoff gene    53956440        53958228        .       -
        .       ID=Smp_319520;geneID=Smp_319520
SM_V9_1 Liftoff mRNA    53956440        53958228        .       -
        .
ID=Smp_319520.1;Parent=Smp_319520;geneID=Smp_319520;product=Stearoyl
-[acyl-carrier-protein] 9-desaturase, chloroplastic
SM_V9_1 Liftoff exon    53956440        53956821        .       -
        .       Parent=Smp_319520.1
SM_V9_1 Liftoff exon    53957559        53958228        .       -
        .       Parent=Smp_319520.1
SM_V9_1 Liftoff CDS     53956667        53956821        .       -
        2       Parent=Smp_319520.1
SM_V9_1 Liftoff CDS     53957559        53957685        .       -
        0       Parent=Smp_319520.1
SM_V9_1 iris    gene    53959261        54018145        .       -
        .
ID=Smp_159050;geneID=Smp_159050;gene_name=Smp_159050;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    53959261        54018145        .       -
        .
ID=Smp_159050.1;Parent=Smp_159050;geneID=Smp_159050;gene_name=Smp_15
9050;owner=irisadmin@local.host;orig_id=Smp_159050.1;date_last_modif
ied=2022-08-01;Name=Smp_159050.1;product=Semaphorin-5A;date_creation
=2022-07-28
SM_V9_1 iris    exon    53959261        53960812        .       -
        .       Parent=Smp_159050.1;Name=548d38b2-2cce-4e83-
bf8b-6fb92e87fc2a
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SM_V9_1 iris    exon    53962421        53962600        .       -
        .       Parent=Smp_159050.1;Name=d4d89c57-9cfa-4a33-8515-
a809e2785537
SM_V9_1 iris    exon    53964110        53964593        .       -
        .       Parent=Smp_159050.1;Name=c17e2b6d-9232-47ae-8eb5-
e99d5a5ccd36
SM_V9_1 iris    exon    53975289        53975879        .       -
        .       Parent=Smp_159050.1;Name=c0fcf70d-
c079-4e02-9227-1d0276e473ea
SM_V9_1 iris    exon    53977851        53977989        .       -
        .       Parent=Smp_159050.1;Name=76c56352-389d-412d-8321-
a68aace85ddf
SM_V9_1 iris    exon    53980506        53980881        .       -
        .       Parent=Smp_159050.1;Name=f4a9ec5a-47c5-4636-a672-
c8241853a802
SM_V9_1 iris    exon    53984988        53985213        .       -
        .
Parent=Smp_159050.1;Name=6d0f097c-544d-452e-862a-0e0401b344b7
SM_V9_1 iris    exon    53991745        53991885        .       -
        .       Parent=Smp_159050.1;Name=b0e0425a-bbfd-4279-a55e-
aa4b87fb3eb1
SM_V9_1 iris    exon    53995033        53995129        .       -
        .       Parent=Smp_159050.1;Name=8780e0bc-12e6-4579-8462-
c380ecf33334
SM_V9_1 iris    exon    54002348        54002462        .       -
        .       Parent=Smp_159050.1;Name=b3225f4e-6a0b-435f-
b6d5-73f83b09404e
SM_V9_1 iris    exon    54017022        54018145        .       -
        .       Parent=Smp_159050.1;Name=a5f865f2-
d732-4c79-9710-48799b5525d9
SM_V9_1 iris    CDS     53959794        53960812        .       -
        2       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53962421        53962600        .       -
        2       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53964110        53964593        .       -
        0       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53975289        53975879        .       -
        0       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53977851        53977989        .       -
        1       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53980506        53980881        .       -
        2       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53984988        53985213        .       -
        0       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53991745        53991885        .       -
        0       Parent=Smp_159050.1
SM_V9_1 iris    CDS     53995033        53995129        .       -
        1       Parent=Smp_159050.1
SM_V9_1 iris    CDS     54002348        54002462        .       -
        2       Parent=Smp_159050.1
SM_V9_1 iris    CDS     54017022        54017619        .       -
        0       Parent=Smp_159050.1
SM_V9_1 Liftoff gene    54052932        54078604        .       +
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ID=Smp_159060;geneID=Smp_159060;previous_systematic_id=Smp_068180
SM_V9_1 Liftoff mRNA    54052932        54078604        .       +
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ID=Smp_159060.1;Parent=Smp_159060;geneID=Smp_159060;product=Lysyl
oxidase homolog
2B;polypeptide_domain=InterPro:IPR001190,IPR001695,IPR017448
Pfam:PF00530,PF01186;Ontology_term=GO:0005044,GO:0005507,GO:0016020,
GO:0016641,GO:0055114
SM_V9_1 Liftoff exon    54052932        54053521        .       +
        .       Parent=Smp_159060.1
SM_V9_1 Liftoff exon    54057784        54057986        .       +
        .       Parent=Smp_159060.1
SM_V9_1 Liftoff exon    54065817        54066002        .       +
        .       Parent=Smp_159060.1
SM_V9_1 Liftoff exon    54069398        54069563        .       +
        .       Parent=Smp_159060.1
SM_V9_1 Liftoff exon    54071060        54071321        .       +
        .       Parent=Smp_159060.1
SM_V9_1 Liftoff exon    54075623        54075792        .       +
        .       Parent=Smp_159060.1
SM_V9_1 Liftoff exon    54078151        54078604        .       +
        .       Parent=Smp_159060.1
SM_V9_1 Liftoff CDS     54053092        54053521        .       +
        0       Parent=Smp_159060.1
SM_V9_1 Liftoff CDS     54057784        54057986        .       +
        2       Parent=Smp_159060.1
SM_V9_1 Liftoff CDS     54065817        54066002        .       +
        0       Parent=Smp_159060.1
SM_V9_1 Liftoff CDS     54069398        54069563        .       +
        0       Parent=Smp_159060.1
SM_V9_1 Liftoff CDS     54071060        54071321        .       +
        2       Parent=Smp_159060.1
SM_V9_1 Liftoff CDS     54075623        54075792        .       +
        1       Parent=Smp_159060.1
SM_V9_1 Liftoff CDS     54078151        54078386        .       +
        2       Parent=Smp_159060.1
SM_V9_1 iris    gene    54080566        54099671        .       -
        .
ID=Smp_159070;geneID=Smp_159070;gene_name=Smp_159070;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54080566        54099671        .       -
        .
ID=Smp_159070.1;Parent=Smp_159070;geneID=Smp_159070;gene_name=Smp_15
9070;owner=irisadmin@local.host;orig_id=Smp_159070.1;date_last_modif
ied=2022-08-01;Name=Smp_159070.1;product=DNA translocase
FtsK;date_creation=2022-07-28
SM_V9_1 iris    exon    54080566        54081328        .       -
        .       Parent=Smp_159070.1;Name=ac52315d-
a552-4b19-903a-7673250df246
SM_V9_1 iris    exon    54081909        54082329        .       -
        .       Parent=Smp_159070.1;Name=fa37ce30-3a2c-4700-
bf46-1a51c832cf9d
SM_V9_1 iris    exon    54083268        54083439        .       -
        .       Parent=Smp_159070.1;Name=27f748e5-a303-4316-88aa-
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d273d05f00a1
SM_V9_1 iris    exon    54085172        54085272        .       -
        .       Parent=Smp_159070.1;Name=fdf5d9c0-4ecd-4af2-9a14-
c1d6700fb0a2
SM_V9_1 iris    exon    54085824        54086408        .       -
        .       Parent=Smp_159070.1;Name=4a439d46-
e6e6-4a44-9f70-8c5b16ea463e
SM_V9_1 iris    exon    54090797        54090877        .       -
        .       Parent=Smp_159070.1;Name=83c5bf3a-
b683-4f41-9f52-189adef95371
SM_V9_1 iris    exon    54097804        54098129        .       -
        .       Parent=Smp_159070.1;Name=9e4cc17a-298c-4699-
bb1e-368441a1c2fc
SM_V9_1 iris    exon    54098775        54099159        .       -
        .       Parent=Smp_159070.1;Name=50f80751-cf93-4ea7-
b46b-4f570686056b
SM_V9_1 iris    exon    54099197        54099671        .       -
        .       Parent=Smp_159070.1;Name=3352224b-1743-479a-
afb3-6c29fed9af73
SM_V9_1 iris    CDS     54081115        54081328        .       -
        1       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54081909        54082329        .       -
        2       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54083268        54083439        .       -
        0       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54085172        54085272        .       -
        2       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54085824        54086408        .       -
        2       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54090797        54090877        .       -
        2       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54097804        54098129        .       -
        1       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54098775        54099159        .       -
        2       Parent=Smp_159070.1
SM_V9_1 iris    CDS     54099197        54099572        .       -
        0       Parent=Smp_159070.1
SM_V9_1 iris    gene    54115324        54153642        .       +
        .
ID=Smp_158450;geneID=Smp_158450;gene_name=Smp_158450;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54115324        54153642        .       +
        .
ID=Smp_158450.1;Parent=Smp_158450;geneID=Smp_158450;gene_name=Smp_15
8450;owner=irisadmin@local.host;orig_id=Smp_158450.1;date_last_modif
ied=2022-08-01;Name=Smp_158450.1;product=Kelch-like protein
12;date_creation=2022-07-28
SM_V9_1 iris    exon    54115324        54115474        .       +
        .       Parent=Smp_158450.1;Name=c8a76c5c-0223-4a55-
a03f-3a67206c2228
SM_V9_1 iris    exon    54115521        54115676        .       +
        .       Parent=Smp_158450.1;Name=be0eba81-78c7-4767-a11b-
a24b988fe90a
SM_V9_1 iris    exon    54126232        54126395        .       +
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        .       Parent=Smp_158450.1;Name=0e36a84a-d623-4be4-b2e7-
cad5041f76a0
SM_V9_1 iris    exon    54127444        54127815        .       +
        .       Parent=Smp_158450.1;Name=80cead76-8806-4884-9117-
ef0db7a0a202
SM_V9_1 iris    exon    54132065        54132214        .       +
        .       Parent=Smp_158450.1;Name=f3f9c5a7-0a62-4f9b-b083-
a729de2b430a
SM_V9_1 iris    exon    54133886        54134107        .       +
        .       Parent=Smp_158450.1;Name=930e6de4-0f93-433d-841d-
ae9f630fd6f7
SM_V9_1 iris    exon    54135298        54135490        .       +
        .       Parent=Smp_158450.1;Name=3fd47e2b-20a0-481b-
b52c-6695688425b6
SM_V9_1 iris    exon    54140342        54140540        .       +
        .       Parent=Smp_158450.1;Name=436c27e6-10b4-44a0-8b64-
e66ad8dbe21a
SM_V9_1 iris    exon    54143461        54143721        .       +
        .       Parent=Smp_158450.1;Name=6f7948db-a708-4334-ad68-
b6cfbf886e95
SM_V9_1 iris    exon    54149052        54151023        .       +
        .       Parent=Smp_158450.1;Name=75d25d05-cc88-4164-
a627-9e94da842681
SM_V9_1 iris    exon    54151557        54153642        .       +
        .       Parent=Smp_158450.1;Name=c841599d-ca2b-438c-
ba72-4363fa63a750
SM_V9_1 iris    CDS     54115616        54115676        .       +
        0       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54126232        54126395        .       +
        2       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54127444        54127815        .       +
        0       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54132065        54132214        .       +
        0       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54133886        54134107        .       +
        0       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54135298        54135490        .       +
        0       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54140342        54140540        .       +
        2       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54143461        54143721        .       +
        1       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54149052        54151023        .       +
        1       Parent=Smp_158450.1
SM_V9_1 iris    CDS     54151557        54151982        .       +
        0       Parent=Smp_158450.1
SM_V9_1 iris    gene    54164662        54195339        .       +
        .
ID=Smp_067140;geneID=Smp_067140;gene_name=Smp_067140;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54164662        54178495        .       +
        .
ID=Smp_067140.1;Parent=Smp_067140;geneID=Smp_067140;gene_name=Smp_06
7140;owner=irisadmin@local.host;orig_id=Smp_067140.1;date_last_modif
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ied=2022-08-01;Name=Smp_067140.1;product=Ras-related protein
rab7;date_creation=2022-07-28
SM_V9_1 iris    exon    54164662        54164763        .       +
        .       Parent=Smp_067140.1;Name=ea7778e2-ce0c-4d04-9e19-
f9d076ef59aa
SM_V9_1 iris    exon    54168393        54168454        .       +
        .       Parent=Smp_067140.1;Name=912bd27d-0321-45cd-99e1-
cba2a8c50f09
SM_V9_1 iris    exon    54168493        54168838        .       +
        .       Parent=Smp_067140.1;Name=5a81d6c7-3a4c-4379-89f3-
b693e4c024b2
SM_V9_1 iris    exon    54169545        54169682        .       +
        .       Parent=Smp_067140.1;Name=90fa8afb-817e-46fa-b9b0-
f2f428b62f3d
SM_V9_1 iris    exon    54177581        54178495        .       +
        .       Parent=Smp_067140.1;Name=0f4c017a-2164-4ee7-b3fb-
e0266896c89c
SM_V9_1 iris    CDS     54168402        54168454        .       +
        0       Parent=Smp_067140.1
SM_V9_1 iris    CDS     54168493        54168838        .       +
        1       Parent=Smp_067140.1
SM_V9_1 iris    CDS     54169545        54169682        .       +
        0       Parent=Smp_067140.1
SM_V9_1 iris    CDS     54177581        54177661        .       +
        0       Parent=Smp_067140.1
SM_V9_1 iris    gene    54203512        54218686        .       +
        .
ID=Smp_158460;geneID=Smp_158460;gene_name=Smp_158460;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54203512        54218686        .       +
        .
ID=Smp_158460.1;Parent=Smp_158460;geneID=Smp_158460;gene_name=Smp_15
8460;owner=irisadmin@local.host;orig_id=Smp_158460.2;date_last_modif
ied=2022-08-01;Name=Smp_158460.1;product=Hypothetical
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    54203512        54203829        .       +
        .       Parent=Smp_158460.1;Name=c7c707d3-8a70-4c72-
b4f0-5a0f5440a5ef
SM_V9_1 iris    exon    54210648        54210998        .       +
        .
Parent=Smp_158460.1;Name=8b4ea075-0b7b-4754-8d87-0e2f5f8b5c84
SM_V9_1 iris    exon    54216117        54218686        .       +
        .       Parent=Smp_158460.1;Name=da6044e6-dee2-4834-
b587-0d4c9c9f16ca
SM_V9_1 iris    CDS     54203599        54203829        .       +
        0       Parent=Smp_158460.1
SM_V9_1 iris    CDS     54210648        54210998        .       +
        0       Parent=Smp_158460.1
SM_V9_1 iris    CDS     54216117        54217685        .       +
        0       Parent=Smp_158460.1
SM_V9_1 Liftoff gene    54221462        54222346        .       -
        .       ID=Smp_158470;geneID=Smp_158470
SM_V9_1 Liftoff mRNA    54221462        54222346        .       -
        .
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ID=Smp_158470.1;Parent=Smp_158470;geneID=Smp_158470;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    54221462        54221512        .       -
        .       Parent=Smp_158470.1
SM_V9_1 Liftoff exon    54222248        54222346        .       -
        .       Parent=Smp_158470.1
SM_V9_1 Liftoff CDS     54221462        54221512        .       -
        0       Parent=Smp_158470.1
SM_V9_1 Liftoff CDS     54222248        54222346        .       -
        0       Parent=Smp_158470.1
SM_V9_1 iris    gene    54225311        54267018        .       -
        .
ID=Smp_158480;geneID=Smp_158480;gene_name=Smp_158480;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54225311        54267018        .       -
        .
ID=Smp_158480.1;Parent=Smp_158480;geneID=Smp_158480;gene_name=Smp_15
8480;owner=irisadmin@local.host;orig_id=Smp_158480.1;date_last_modif
ied=2022-08-01;Name=Smp_158480.1;product=Mycosubtilin synthase
subunit C;date_creation=2022-07-28
SM_V9_1 iris    exon    54225311        54225924        .       -
        .       Parent=Smp_158480.1;Name=13d02cd5-389f-49d4-
b5e2-266f1d2332d4
SM_V9_1 iris    exon    54227952        54228551        .       -
        .       Parent=Smp_158480.1;Name=1ffe5a2f-3979-4a36-
b9ca-332bbd063eac
SM_V9_1 iris    exon    54231773        54232030        .       -
        .       Parent=Smp_158480.1;Name=42c22f40-ff14-4d7a-
ad73-658413a6691b
SM_V9_1 iris    exon    54235718        54236059        .       -
        .       Parent=Smp_158480.1;Name=a4982b8b-496a-47cd-
b4ca-09d36880cba3
SM_V9_1 iris    exon    54239207        54240605        .       -
        .       Parent=Smp_158480.1;Name=99f7253d-7693-4f0e-ba6d-
e0d779a5911d
SM_V9_1 iris    exon    54243272        54243702        .       -
        .       Parent=Smp_158480.1;Name=9184ace1-b1a1-4eb9-
af18-00655e2f120e
SM_V9_1 iris    exon    54246164        54246687        .       -
        .       Parent=Smp_158480.1;Name=eb258eb9-72e0-4e93-
be3c-5d34aae0918b
SM_V9_1 iris    exon    54266986        54267018        .       -
        .
Parent=Smp_158480.1;Name=fec5c23b-2ab3-4889-9c4a-42e5ca683c3e
SM_V9_1 iris    CDS     54225781        54225924        .       -
        0       Parent=Smp_158480.1
SM_V9_1 iris    CDS     54227952        54228551        .       -
        0       Parent=Smp_158480.1
SM_V9_1 iris    CDS     54231773        54232030        .       -
        0       Parent=Smp_158480.1
SM_V9_1 iris    CDS     54235718        54236059        .       -
        0       Parent=Smp_158480.1
SM_V9_1 iris    CDS     54239207        54240605        .       -
        1       Parent=Smp_158480.1
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SM_V9_1 iris    CDS     54243272        54243702        .       -
        0       Parent=Smp_158480.1
SM_V9_1 iris    CDS     54246164        54246673        .       -
        0       Parent=Smp_158480.1
SM_V9_1 iris    gene    54322719        54346410        .       +
        .
ID=Smp_158490;geneID=Smp_158490;gene_name=Smp_158490;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    54322719        54346410        .       +
        .
ID=Smp_158490.1;Parent=Smp_158490;geneID=Smp_158490;gene_name=Smp_15
8490;owner=irisadmin@local.host;orig_id=Smp_158490.1;date_last_modif
ied=2022-08-01;Name=Smp_158490.1;product=Protein odd-skipped-related
2;date_creation=2022-08-01
SM_V9_1 iris    exon    54322719        54323968        .       +
        .       Parent=Smp_158490.1;Name=b48153ef-3eaf-4cd5-b92f-
f45175ecab9a
SM_V9_1 iris    exon    54333346        54334809        .       +
        .       Parent=Smp_158490.1;Name=d1ac2afa-3a2c-488a-
b13f-43f6f60f4b57
SM_V9_1 iris    exon    54337005        54337320        .       +
        .       Parent=Smp_158490.1;Name=79316248-d532-4e9b-
ab77-78bddb4eda0a
SM_V9_1 iris    exon    54341823        54341894        .       +
        .
Parent=Smp_158490.1;Name=2019e70f-9c01-4426-86bc-47bafed1a2c3
SM_V9_1 iris    exon    54343151        54343306        .       +
        .       Parent=Smp_158490.1;Name=c8096bfc-
ec03-4dbd-9966-6ee27c985ea2
SM_V9_1 iris    exon    54345449        54346410        .       +
        .
Parent=Smp_158490.1;Name=1560030d-0cd5-4ff9-81dc-291a707ced48
SM_V9_1 iris    CDS     54323533        54323968        .       +
        0       Parent=Smp_158490.1
SM_V9_1 iris    CDS     54333346        54334809        .       +
        2       Parent=Smp_158490.1
SM_V9_1 iris    CDS     54337005        54337320        .       +
        2       Parent=Smp_158490.1
SM_V9_1 iris    CDS     54341823        54341894        .       +
        1       Parent=Smp_158490.1
SM_V9_1 iris    CDS     54343151        54343306        .       +
        1       Parent=Smp_158490.1
SM_V9_1 iris    CDS     54345449        54345755        .       +
        1       Parent=Smp_158490.1
SM_V9_1 iris    gene    54372407        54389072        .       +
        .
ID=Smp_212840;geneID=Smp_212840;gene_name=Smp_212840;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54372407        54389072        .       +
        .
ID=Smp_212840.1;Parent=Smp_212840;geneID=Smp_212840;gene_name=Smp_21
2840;owner=irisadmin@local.host;orig_id=Smp_212840.1;date_last_modif
ied=2022-08-01;Name=Smp_212840.1;product=Lysosomal amino acid
transporter 1;date_creation=2022-07-28
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SM_V9_1 iris    exon    54372407        54372441        .       +
        .       Parent=Smp_212840.1;Name=28b8e6ed-9e25-4ac8-
b34d-9bb854ca4942
SM_V9_1 iris    exon    54372996        54373186        .       +
        .       Parent=Smp_212840.1;Name=21af0ce2-0d16-4162-
bca0-9cf19dbc4b93
SM_V9_1 iris    exon    54375478        54375865        .       +
        .       Parent=Smp_212840.1;Name=92e89132-4bec-4943-9aee-
a1ed5812cdbc
SM_V9_1 iris    exon    54377609        54377699        .       +
        .       Parent=Smp_212840.1;Name=2e19c661-c7f2-4748-9535-
e2c7486c226f
SM_V9_1 iris    exon    54381312        54381616        .       +
        .
Parent=Smp_212840.1;Name=df74f148-3633-4a93-870f-1fa169ce2560
SM_V9_1 iris    exon    54383182        54383268        .       +
        .       Parent=Smp_212840.1;Name=fb18acbb-eb68-4746-9a58-
a2281f9e0553
SM_V9_1 iris    exon    54384941        54385111        .       +
        .
Parent=Smp_212840.1;Name=6e46c567-4df8-434c-92b6-4ae395c06d87
SM_V9_1 iris    exon    54387773        54389072        .       +
        .       Parent=Smp_212840.1;Name=dd1f9279-9476-4bb4-
a36f-582b41d03474
SM_V9_1 iris    CDS     54375512        54375865        .       +
        0       Parent=Smp_212840.1
SM_V9_1 iris    CDS     54377609        54377699        .       +
        0       Parent=Smp_212840.1
SM_V9_1 iris    CDS     54381312        54381616        .       +
        2       Parent=Smp_212840.1
SM_V9_1 iris    CDS     54383182        54383268        .       +
        0       Parent=Smp_212840.1
SM_V9_1 iris    CDS     54384941        54385111        .       +
        0       Parent=Smp_212840.1
SM_V9_1 iris    CDS     54387773        54387889        .       +
        0       Parent=Smp_212840.1
SM_V9_1 Liftoff gene    54392525        54399137        .       +
        .
ID=Smp_212850;geneID=Smp_212850;previous_systematic_id=Smp_158500,Sm
p_210560
SM_V9_1 Liftoff mRNA    54392525        54399137        .       +
        .
ID=Smp_212850.1;Parent=Smp_212850;geneID=Smp_212850;product=Probable
U6 snRNA-associated Sm-like protein
LSm2;polypeptide_domain=InterPro:IPR001163,IPR010920 Pfam:PF01423
SM_V9_1 Liftoff exon    54392525        54393649        .       +
        .       Parent=Smp_212850.1
SM_V9_1 Liftoff exon    54393696        54393938        .       +
        .       Parent=Smp_212850.1
SM_V9_1 Liftoff exon    54397729        54399137        .       +
        .       Parent=Smp_212850.1
SM_V9_1 Liftoff CDS     54393644        54393649        .       +
        0       Parent=Smp_212850.1
SM_V9_1 Liftoff CDS     54393696        54393938        .       +
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        0       Parent=Smp_212850.1
SM_V9_1 Liftoff CDS     54397729        54398094        .       +
        0       Parent=Smp_212850.1
SM_V9_1 Liftoff gene    54402415        54409250        .       +
        .
ID=Smp_210570;geneID=Smp_210570;previous_systematic_id=Smp_158500
SM_V9_1 Liftoff mRNA    54402415        54409250        .       +
        .
ID=Smp_210570.1;Parent=Smp_210570;geneID=Smp_210570;product=Eukaryot
ic translation initiation factor 3 subunit
H;polypeptide_domain=InterPro:IPR000555,IPR027524
Pfam:PF01398;Ontology_term=GO:0003743,GO:0005515,GO:0005737,GO:00058
52
SM_V9_1 Liftoff exon    54402415        54402733        .       +
        .       Parent=Smp_210570.1
SM_V9_1 Liftoff exon    54402768        54403010        .       +
        .       Parent=Smp_210570.1
SM_V9_1 Liftoff exon    54406411        54406434        .       +
        .       Parent=Smp_210570.1
SM_V9_1 Liftoff exon    54407801        54408139        .       +
        .       Parent=Smp_210570.1
SM_V9_1 Liftoff exon    54408793        54409250        .       +
        .       Parent=Smp_210570.1
SM_V9_1 Liftoff CDS     54402473        54402733        .       +
        0       Parent=Smp_210570.1
SM_V9_1 Liftoff CDS     54402768        54403010        .       +
        0       Parent=Smp_210570.1
SM_V9_1 Liftoff CDS     54406411        54406434        .       +
        0       Parent=Smp_210570.1
SM_V9_1 Liftoff CDS     54407801        54408139        .       +
        0       Parent=Smp_210570.1
SM_V9_1 Liftoff CDS     54408793        54408981        .       +
        0       Parent=Smp_210570.1
SM_V9_1 Liftoff gene    54410676        54424051        .       -
        .
ID=Smp_344950;geneID=Smp_344950;previous_systematic_id=Smp_158510
SM_V9_1 Liftoff mRNA    54410676        54424051        .       -
        .
ID=Smp_344950.1;Parent=Smp_344950;geneID=Smp_344950;product=2-
acylglycerol O-acyltransferase 2-
A;polypeptide_domain=InterPro:IPR007130
Pfam:PF03982;Ontology_term=GO:0016747
SM_V9_1 Liftoff exon    54410676        54410990        .       -
        .       Parent=Smp_344950.1
SM_V9_1 Liftoff exon    54412067        54412245        .       -
        .       Parent=Smp_344950.1
SM_V9_1 Liftoff exon    54412810        54412993        .       -
        .       Parent=Smp_344950.1
SM_V9_1 Liftoff exon    54423060        54424051        .       -
        .       Parent=Smp_344950.1
SM_V9_1 Liftoff CDS     54410842        54410990        .       -
        2       Parent=Smp_344950.1
SM_V9_1 Liftoff CDS     54412067        54412245        .       -
        1       Parent=Smp_344950.1
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SM_V9_1 Liftoff CDS     54412810        54412993        .       -
        2       Parent=Smp_344950.1
SM_V9_1 Liftoff CDS     54423060        54423867        .       -
        0       Parent=Smp_344950.1
SM_V9_1 Liftoff gene    54432024        54456569        .       +
        .       ID=Smp_158520;geneID=Smp_158520
SM_V9_1 Liftoff mRNA    54432024        54456569        .       +
        .
ID=Smp_158520.1;Parent=Smp_158520;geneID=Smp_158520;product=2-
acylglycerol O-acyltransferase 2-
A;polypeptide_domain=InterPro:IPR007130
Pfam:PF03982;Ontology_term=GO:0016747
SM_V9_1 Liftoff exon    54432024        54433038        .       +
        .       Parent=Smp_158520.1
SM_V9_1 Liftoff exon    54451645        54451828        .       +
        .       Parent=Smp_158520.1
SM_V9_1 Liftoff exon    54455312        54455490        .       +
        .       Parent=Smp_158520.1
SM_V9_1 Liftoff exon    54456369        54456569        .       +
        .       Parent=Smp_158520.1
SM_V9_1 Liftoff CDS     54432213        54433038        .       +
        0       Parent=Smp_158520.1
SM_V9_1 Liftoff CDS     54451645        54451828        .       +
        2       Parent=Smp_158520.1
SM_V9_1 Liftoff CDS     54455312        54455490        .       +
        1       Parent=Smp_158520.1
SM_V9_1 Liftoff CDS     54456369        54456520        .       +
        2       Parent=Smp_158520.1
SM_V9_1 Liftoff mRNA    54432024        54456569        .       +
        .
ID=Smp_158520.2;Parent=Smp_158520;geneID=Smp_158520;product=2-
acylglycerol O-acyltransferase 2-
A;polypeptide_domain=InterPro:IPR007130
Pfam:PF03982;Ontology_term=GO:0016747
SM_V9_1 Liftoff exon    54432024        54433038        .       +
        .       Parent=Smp_158520.2
SM_V9_1 Liftoff exon    54451645        54451828        .       +
        .       Parent=Smp_158520.2
SM_V9_1 Liftoff exon    54455312        54455490        .       +
        .       Parent=Smp_158520.2
SM_V9_1 Liftoff exon    54456369        54456569        .       +
        .       Parent=Smp_158520.2
SM_V9_1 Liftoff CDS     54432762        54433038        .       +
        0       Parent=Smp_158520.2
SM_V9_1 Liftoff CDS     54451645        54451828        .       +
        2       Parent=Smp_158520.2
SM_V9_1 Liftoff CDS     54455312        54455490        .       +
        1       Parent=Smp_158520.2
SM_V9_1 Liftoff CDS     54456369        54456520        .       +
        2       Parent=Smp_158520.2
SM_V9_1 Liftoff gene    54571963        54575632        .       +
        .       ID=Smp_319540;geneID=Smp_319540
SM_V9_1 Liftoff mRNA    54571963        54575632        .       +
        .
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ID=Smp_319540.1;Parent=Smp_319540;geneID=Smp_319540;product=Cytadher
ence high molecular weight protein 1
SM_V9_1 Liftoff exon    54571963        54572024        .       +
        .       Parent=Smp_319540.1
SM_V9_1 Liftoff exon    54574305        54574440        .       +
        .       Parent=Smp_319540.1
SM_V9_1 Liftoff exon    54575291        54575632        .       +
        .       Parent=Smp_319540.1
SM_V9_1 Liftoff CDS     54572007        54572024        .       +
        0       Parent=Smp_319540.1
SM_V9_1 Liftoff CDS     54574305        54574440        .       +
        0       Parent=Smp_319540.1
SM_V9_1 Liftoff CDS     54575291        54575484        .       +
        2       Parent=Smp_319540.1
SM_V9_1 Liftoff gene    54589935        54591668        .       +
        .       ID=Smp_180140;geneID=Smp_180140
SM_V9_1 Liftoff mRNA    54589935        54591668        .       +
        .
ID=Smp_180140.1;Parent=Smp_180140;geneID=Smp_180140;product=Kappa-
type opioid
receptor;literature=PMID:22145649;polypeptide_domain=InterPro:IPR000
276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    54589935        54591668        .       +
        .       Parent=Smp_180140.1
SM_V9_1 Liftoff CDS     54590382        54591446        .       +
        0       Parent=Smp_180140.1
SM_V9_1 iris    gene    54599982        54603319        .       +
        .
ID=Smp_103830;geneID=Smp_103830;gene_name=Smp_103830;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    54599982        54603319        .       +
        .
ID=Smp_103830.1;Parent=Smp_103830;geneID=Smp_103830;gene_name=Smp_10
3830;owner=irisadmin@local.host;orig_id=Smp_103830.1;date_last_modif
ied=2022-08-01;Name=Smp_103830.1;product=Zinc finger HIT domain-
containing protein 1;date_creation=2022-08-01
SM_V9_1 iris    exon    54599982        54600056        .       +
        .
Parent=Smp_103830.1;Name=cb480512-12a2-4cc6-9208-6cd96a51ac67
SM_V9_1 iris    exon    54602563        54602749        .       +
        .       Parent=Smp_103830.1;Name=448c783c-2d31-4d7b-
bc38-1bed00f9d63c
SM_V9_1 iris    exon    54602794        54603319        .       +
        .       Parent=Smp_103830.1;Name=954be733-
e23e-4981-98b5-33d642fea5ed
SM_V9_1 iris    CDS     54602585        54602749        .       +
        0       Parent=Smp_103830.1
SM_V9_1 iris    CDS     54602794        54603093        .       +
        0       Parent=Smp_103830.1
SM_V9_1 iris    gene    54612605        54671400        .       +
        .
ID=Smp_196840;geneID=Smp_196840;gene_name=Smp_196840;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
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SM_V9_1 iris    mRNA    54612605        54671400        .       +
       .
ID=Smp_196840.1;Parent=Smp_196840;geneID=Smp_196840;gene_name=Smp_19
6840;owner=irisadmin@local.host;orig_id=Smp_196840.1;date_last_modif
ied=2022-08-01;Name=Smp_196840.1;product=Collagen alpha-2(I)
chain;date_creation=2022-07-28
SM_V9_1 iris    exon    54612605        54612928        .       +
       .       Parent=Smp_196840.1;Name=be275811-2ef4-447d-8405-
aaaae4becc18
SM_V9_1 iris    exon    54629628        54629810        .       +
       .       Parent=Smp_196840.1;Name=51622b22-3e68-4eb3-
ac35-2b1006f63278
SM_V9_1 iris    exon    54631586        54631841        .       +
       .       Parent=Smp_196840.1;Name=c309b3c1-1ca0-4f9d-
ad76-0c5fa88d77b7
SM_V9_1 iris    exon    54632926        54633070        .       +
       .       Parent=Smp_196840.1;Name=00095f2b-bb1a-4715-a529-
c8d3efe47d00
SM_V9_1 iris    exon    54634685        54634789        .       +
       .       Parent=Smp_196840.1;Name=8e9f8cbb-76e7-4cf1-a451-
c210ce1fb690
SM_V9_1 iris    exon    54638894        54638920        .       +
       .       Parent=Smp_196840.1;Name=952115b6-3546-4b71-
bce8-4ba5f1e6d97e
SM_V9_1 iris    exon    54639859        54639912        .       +
       .
Parent=Smp_196840.1;Name=427cea8a-6b37-40c5-9fb3-2c36c4dfa95d
SM_V9_1 iris    exon    54641374        54641520        .       +
       .       Parent=Smp_196840.1;Name=280a3b8b-3748-42f4-9c12-
abe3980b7f89
SM_V9_1 iris    exon    54641605        54641769        .       +
       .       Parent=Smp_196840.1;Name=95eefde4-dd56-4990-
a10e-1275dd285835
SM_V9_1 iris    exon    54644022        54644075        .       +
       .
Parent=Smp_196840.1;Name=9483cf0f-753f-4ca9-83df-3c8737c8facd
SM_V9_1 iris    exon    54644837        54645251        .       +
       .       Parent=Smp_196840.1;Name=9cb8bc0e-c0ac-49c4-b036-
d6743e415a66
SM_V9_1 iris    exon    54646585        54647186        .       +
       .       Parent=Smp_196840.1;Name=786a462e-ed85-45d0-b702-
ef5ba18bad89
SM_V9_1 iris    exon    54648008        54648169        .       +
       .
Parent=Smp_196840.1;Name=9c1e0cc5-96d0-47c2-8fd9-1123a851e5d0
SM_V9_1 iris    exon    54650605        54650857        .       +
       .       Parent=Smp_196840.1;Name=b7fb4371-
b716-44fd-8850-922538c516c5
SM_V9_1 iris    exon    54651847        54652061        .       +
       .       Parent=Smp_196840.1;Name=862663b6-
a00a-4bfe-91bc-1556876c54f1
SM_V9_1 iris    exon    54652306        54652359        .       +
       .       Parent=Smp_196840.1;Name=bd573d9f-5344-49aa-876f-
f47631684c7d
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SM_V9_1 iris    exon    54653632        54654063        .       +
        .       Parent=Smp_196840.1;Name=0bebc9a0-3ae5-488e-a1f8-
bd43d3fe6646
SM_V9_1 iris    exon    54655697        54656020        .       +
        .       Parent=Smp_196840.1;Name=79bccf32-
dcc9-4a9c-9cab-21ca215e718d
SM_V9_1 iris    exon    54658253        54658306        .       +
        .       Parent=Smp_196840.1;Name=52b8b868-c196-4ccf-
a2bc-0e3424d4c205
SM_V9_1 iris    exon    54658635        54658887        .       +
        .       Parent=Smp_196840.1;Name=993b438f-cda4-4755-8998-
be26312bef12
SM_V9_1 iris    exon    54659579        54659761        .       +
        .       Parent=Smp_196840.1;Name=abb07978-65d4-4ff0-
a6eb-570edfada9dd
SM_V9_1 iris    exon    54660953        54661260        .       +
        .       Parent=Smp_196840.1;Name=9d4af92f-147e-4288-aa48-
b09b06a1521a
SM_V9_1 iris    exon    54665180        54665320        .       +
        .       Parent=Smp_196840.1;Name=e48fdc6b-0324-4e5b-aea7-
e3906cc79ead
SM_V9_1 iris    exon    54668585        54668803        .       +
        .       Parent=Smp_196840.1;Name=529cbaa3-9c6f-4836-9292-
b1788c83803e
SM_V9_1 iris    exon    54671178        54671400        .       +
        .       Parent=Smp_196840.1;Name=769df938-d981-4952-8375-
aa71f0d961cc
SM_V9_1 iris    CDS     54612802        54612928        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54629628        54629810        .       +
        2       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54631586        54631841        .       +
        2       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54632926        54633070        .       +
        1       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54634685        54634789        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54638894        54638920        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54639859        54639912        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54641374        54641520        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54641605        54641769        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54644022        54644075        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54644837        54645251        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54646585        54647186        .       +
        2       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54648008        54648169        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54650605        54650857        .       +
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        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54651847        54652061        .       +
        2       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54652306        54652359        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54653632        54654063        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54655697        54656020        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54658253        54658306        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54658635        54658887        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54659579        54659761        .       +
        2       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54660953        54661260        .       +
        2       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54665180        54665320        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54668585        54668803        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    CDS     54671178        54671324        .       +
        0       Parent=Smp_196840.1
SM_V9_1 iris    gene    54682172        54683175        .       -
        .
ID=Smp_246990;geneID=Smp_246990;gene_name=Smp_246990;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    54682172        54683175        .       -
        .
ID=Smp_246990.1;Parent=Smp_246990;geneID=Smp_246990;gene_name=Smp_24
6990;owner=irisadmin@local.host;orig_id=Smp_246990.1;date_last_modif
ied=2022-08-01;Name=Smp_246990.1;product=Dr1-associated
corepressor;date_creation=2022-08-01
SM_V9_1 iris    exon    54682172        54682784        .       -
        .       Parent=Smp_246990.1;Name=6fdbf96d-ed56-4319-
a00a-51d9cbf07773
SM_V9_1 iris    exon    54682822        54682915        .       -
        .       Parent=Smp_246990.1;Name=3634f2bc-8d96-4cd5-83c3-
ae419d8acf02
SM_V9_1 iris    exon    54682953        54683025        .       -
        .       Parent=Smp_246990.1;Name=f096829a-0f4f-4a12-
be3c-5da308615a98
SM_V9_1 iris    exon    54683103        54683175        .       -
        .
Parent=Smp_246990.1;Name=859fba8e-1e85-4d4e-989c-7314fadd58da
SM_V9_1 iris    CDS     54682325        54682784        .       -
        1       Parent=Smp_246990.1
SM_V9_1 iris    CDS     54682822        54682915        .       -
        2       Parent=Smp_246990.1
SM_V9_1 iris    CDS     54682953        54683025        .       -
        0       Parent=Smp_246990.1
SM_V9_1 iris    CDS     54683103        54683141        .       -
        0       Parent=Smp_246990.1
SM_V9_1 iris    gene    54691207        54714661        .       -
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        .
ID=Smp_083650;geneID=Smp_083650;gene_name=Smp_083650;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54691207        54714661        .       -
        .
ID=Smp_083650.1;Parent=Smp_083650;geneID=Smp_083650;gene_name=Smp_08
3650;owner=irisadmin@local.host;orig_id=Smp_083650.1;date_last_modif
ied=2022-08-01;Name=Smp_083650.1;product=Cystathionine gamma-
lyase;date_creation=2022-07-28
SM_V9_1 iris    exon    54691207        54691424        .       -
        .       Parent=Smp_083650.1;Name=f19005a7-9415-42ff-8b80-
c939edcd5300
SM_V9_1 iris    exon    54693538        54693590        .       -
        .       Parent=Smp_083650.1;Name=5e9b1953-fb59-4626-a5fe-
ecb56343ead0
SM_V9_1 iris    exon    54699459        54699580        .       -
        .       Parent=Smp_083650.1;Name=3c103449-
ead0-4056-8495-74722d237f51
SM_V9_1 iris    exon    54701880        54702113        .       -
        .       Parent=Smp_083650.1;Name=25f842dd-a3d8-420b-
a53a-9daac980f5e7
SM_V9_1 iris    exon    54702762        54702819        .       -
        .       Parent=Smp_083650.1;Name=60d5d51b-3c35-4c48-b3bc-
c33041e7df88
SM_V9_1 iris    exon    54706354        54706598        .       -
        .       Parent=Smp_083650.1;Name=e3d67634-8cf7-4cbd-826a-
f3b336d8fd63
SM_V9_1 iris    exon    54709076        54709250        .       -
        .
Parent=Smp_083650.1;Name=3371ead8-2c18-4005-91a2-0d99cb6d599e
SM_V9_1 iris    exon    54709286        54709495        .       -
        .       Parent=Smp_083650.1;Name=041660e1-
e807-4690-8d87-8f2a7653e6fd
SM_V9_1 iris    exon    54713936        54714661        .       -
        .       Parent=Smp_083650.1;Name=78101b1b-
e9f1-4538-9bd7-34d2794d56af
SM_V9_1 iris    CDS     54691262        54691424        .       -
        1       Parent=Smp_083650.1
SM_V9_1 iris    CDS     54693538        54693590        .       -
        0       Parent=Smp_083650.1
SM_V9_1 iris    CDS     54699459        54699580        .       -
        2       Parent=Smp_083650.1
SM_V9_1 iris    CDS     54701880        54702113        .       -
        2       Parent=Smp_083650.1
SM_V9_1 iris    CDS     54702762        54702819        .       -
        0       Parent=Smp_083650.1
SM_V9_1 iris    CDS     54706354        54706598        .       -
        2       Parent=Smp_083650.1
SM_V9_1 iris    CDS     54709076        54709250        .       -
        0       Parent=Smp_083650.1
SM_V9_1 iris    CDS     54709286        54709492        .       -
        0       Parent=Smp_083650.1
SM_V9_1 Liftoff gene    54728115        54730328        .       +
        .       ID=Smp_083680;geneID=Smp_083680
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SM_V9_1 Liftoff mRNA    54728115        54730328        .       +
       .
ID=Smp_083680.1;Parent=Smp_083680;geneID=Smp_083680;product=Uncharac
terized protein CG1785;polypeptide_domain=InterPro:IPR011687
Pfam:PF07767
SM_V9_1 Liftoff exon    54728115        54728265        .       +
       .       Parent=Smp_083680.1
SM_V9_1 Liftoff exon    54728301        54728344        .       +
       .       Parent=Smp_083680.1
SM_V9_1 Liftoff exon    54728381        54728512        .       +
       .       Parent=Smp_083680.1
SM_V9_1 Liftoff exon    54728549        54728769        .       +
       .       Parent=Smp_083680.1
SM_V9_1 Liftoff exon    54728802        54728959        .       +
       .       Parent=Smp_083680.1
SM_V9_1 Liftoff exon    54728992        54729157        .       +
       .       Parent=Smp_083680.1
SM_V9_1 Liftoff exon    54729997        54730328        .       +
       .       Parent=Smp_083680.1
SM_V9_1 Liftoff CDS     54728171        54728265        .       +
       0       Parent=Smp_083680.1
SM_V9_1 Liftoff CDS     54728301        54728344        .       +
       1       Parent=Smp_083680.1
SM_V9_1 Liftoff CDS     54728381        54728512        .       +
       2       Parent=Smp_083680.1
SM_V9_1 Liftoff CDS     54728549        54728769        .       +
       2       Parent=Smp_083680.1
SM_V9_1 Liftoff CDS     54728802        54728959        .       +
       0       Parent=Smp_083680.1
SM_V9_1 Liftoff CDS     54728992        54729157        .       +
       1       Parent=Smp_083680.1
SM_V9_1 Liftoff CDS     54729997        54730107        .       +
       0       Parent=Smp_083680.1
SM_V9_1 iris    gene    54736930        54759039        .       -
       .
ID=Smp_167590;geneID=Smp_167590;gene_name=Smp_167590;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54736930        54759039        .       -
       .
ID=Smp_167590.1;Parent=Smp_167590;geneID=Smp_167590;gene_name=Smp_16
7590;owner=irisadmin@local.host;orig_id=Smp_167590.1;date_last_modif
ied=2022-08-01;Name=Smp_167590.1;product=Activating signal
cointegrator 1;date_creation=2022-07-28
SM_V9_1 iris    exon    54736930        54737072        .       -
       .
Parent=Smp_167590.1;Name=1052b2e8-3145-4419-9822-54a816ae9730
SM_V9_1 iris    exon    54737108        54737204        .       -
       .       Parent=Smp_167590.1;Name=02da8c82-b149-4dee-
b08e-20b8df95b9fe
SM_V9_1 iris    exon    54741088        54741188        .       -
       .       Parent=Smp_167590.1;Name=0c61b2d4-27ee-4f14-83a5-
f53136d22c93
SM_V9_1 iris    exon    54745446        54745561        .       -
       .       Parent=Smp_167590.1;Name=4fc7cd68-f92d-4102-
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ace1-95f3bf700261
SM_V9_1 iris    exon    54746506        54746696        .       -
        .       Parent=Smp_167590.1;Name=3146050a-a5af-461b-
bca9-891e00075ed2
SM_V9_1 iris    exon    54747351        54747506        .       -
        .       Parent=Smp_167590.1;Name=cd0708c7-
e07c-4f9b-9749-0e08eb31964d
SM_V9_1 iris    exon    54752016        54752272        .       -
        .       Parent=Smp_167590.1;Name=ca14a864-82f4-4060-
b171-5e05bc61eb6e
SM_V9_1 iris    exon    54753080        54753584        .       -
        .       Parent=Smp_167590.1;Name=ad2aafb5-fe60-41ca-a45f-
d23fbb06b44b
SM_V9_1 iris    exon    54755419        54755499        .       -
        .       Parent=Smp_167590.1;Name=6deaa99b-8f92-4054-
acf0-4576bb53490e
SM_V9_1 iris    exon    54756737        54756875        .       -
        .       Parent=Smp_167590.1;Name=d57cefed-ad95-4d7b-89ef-
bd00c51a77b8
SM_V9_1 iris    exon    54756924        54757028        .       -
        .
Parent=Smp_167590.1;Name=8159bf4f-1b3f-47aa-89bc-7d1367b26e24
SM_V9_1 iris    exon    54759009        54759039        .       -
        .       Parent=Smp_167590.1;Name=2424eb41-5b8b-4812-92fb-
a9903c1ad550
SM_V9_1 iris    CDS     54737023        54737072        .       -
        2       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54737108        54737204        .       -
        0       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54741088        54741188        .       -
        2       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54745446        54745561        .       -
        1       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54746506        54746696        .       -
        0       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54747351        54747506        .       -
        0       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54752016        54752272        .       -
        2       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54753080        54753584        .       -
        0       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54755419        54755499        .       -
        0       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54756737        54756875        .       -
        1       Parent=Smp_167590.1
SM_V9_1 iris    CDS     54756924        54756988        .       -
        0       Parent=Smp_167590.1
SM_V9_1 iris    gene    54768665        54787639        .       +
        .
ID=Smp_083710;geneID=Smp_083710;gene_name=Smp_083710;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54768665        54787639        .       +
        .
ID=Smp_083710.1;Parent=Smp_083710;geneID=Smp_083710;gene_name=Smp_08
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3710;owner=irisadmin@local.host;orig_id=Smp_083710.1;date_last_modif
ied=2022-08-01;Name=Smp_083710.1;product=Fanconi anemia group M
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    54768665        54768740        .       +
        .       Parent=Smp_083710.1;Name=2ae42174-
d325-4463-9869-36bf57085ee3
SM_V9_1 iris    exon    54777664        54778448        .       +
        .       Parent=Smp_083710.1;Name=deb5eac5-
b82e-4d0a-928f-8b6039233cff
SM_V9_1 iris    exon    54782836        54786117        .       +
        .       Parent=Smp_083710.1;Name=c7f13f76-5beb-4c82-9d39-
ab48121f7544
SM_V9_1 iris    exon    54787461        54787639        .       +
        .       Parent=Smp_083710.1;Name=fc7dbc7e-
f36a-4205-8bbb-29acbe1bed37
SM_V9_1 iris    CDS     54777699        54778448        .       +
        0       Parent=Smp_083710.1
SM_V9_1 iris    CDS     54782836        54786117        .       +
        0       Parent=Smp_083710.1
SM_V9_1 iris    CDS     54787461        54787613        .       +
        0       Parent=Smp_083710.1
SM_V9_1 Liftoff gene    54787430        54795371        .       -
        .       ID=Smp_083720;geneID=Smp_083720
SM_V9_1 Liftoff mRNA    54787430        54795371        .       -
        .
ID=Smp_083720.1;Parent=Smp_083720;geneID=Smp_083720;product=Phosphat
e carrier protein,
mitochondrial;polypeptide_domain=InterPro:IPR018108,IPR023395
Pfam:PF00153
SM_V9_1 Liftoff exon    54787430        54787944        .       -
        .       Parent=Smp_083720.1
SM_V9_1 Liftoff exon    54794458        54794568        .       -
        .       Parent=Smp_083720.1
SM_V9_1 Liftoff exon    54794603        54794957        .       -
        .       Parent=Smp_083720.1
SM_V9_1 Liftoff exon    54794997        54795371        .       -
        .       Parent=Smp_083720.1
SM_V9_1 Liftoff CDS     54787781        54787944        .       -
        2       Parent=Smp_083720.1
SM_V9_1 Liftoff CDS     54794458        54794568        .       -
        2       Parent=Smp_083720.1
SM_V9_1 Liftoff CDS     54794603        54794957        .       -
        0       Parent=Smp_083720.1
SM_V9_1 Liftoff CDS     54794997        54795308        .       -
        0       Parent=Smp_083720.1
SM_V9_1 iris    gene    54825469        54835174        .       +
        .
ID=Smp_083730;geneID=Smp_083730;gene_name=Smp_083730;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54825469        54835174        .       +
        .
ID=Smp_083730.1;Parent=Smp_083730;geneID=Smp_083730;gene_name=Smp_08
3730;owner=irisadmin@local.host;orig_id=Smp_083730.1;date_last_modif
ied=2022-08-01;Name=Smp_083730.1;product=Hypothetical
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protein;date_creation=2022-07-28
SM_V9_1 iris    exon    54825469        54825649        .       +
        .       Parent=Smp_083730.1;Name=873923d3-3d02-42a9-ad81-
ddaa64842560
SM_V9_1 iris    exon    54830902        54830949        .       +
        .       Parent=Smp_083730.1;Name=60dbeda8-b4a1-4e31-8855-
a72c2de21e12
SM_V9_1 iris    exon    54831549        54832013        .       +
        .       Parent=Smp_083730.1;Name=67d2a88e-abaf-4c8c-9de2-
c4b5e9ef68a6
SM_V9_1 iris    exon    54832724        54832858        .       +
        .       Parent=Smp_083730.1;Name=d0da36a4-a8d2-40d8-
a89b-7933d56cbafb
SM_V9_1 iris    exon    54833378        54833708        .       +
        .       Parent=Smp_083730.1;Name=15eb6e40-dee3-48bd-
a4c4-6627640952af
SM_V9_1 iris    exon    54834699        54835174        .       +
        .       Parent=Smp_083730.1;Name=f3b1a59f-
f6ea-4239-9d8d-7e1845544b96
SM_V9_1 iris    CDS     54825578        54825649        .       +
        0       Parent=Smp_083730.1
SM_V9_1 iris    CDS     54830902        54830949        .       +
        0       Parent=Smp_083730.1
SM_V9_1 iris    CDS     54831549        54832013        .       +
        0       Parent=Smp_083730.1
SM_V9_1 iris    CDS     54832724        54832858        .       +
        0       Parent=Smp_083730.1
SM_V9_1 iris    CDS     54833378        54833533        .       +
        0       Parent=Smp_083730.1
SM_V9_1 Liftoff gene    54845727        54858184        .       -
        .       ID=Smp_319570;geneID=Smp_319570
SM_V9_1 Liftoff mRNA    54845727        54858184        .       -
        .
ID=Smp_319570.1;Parent=Smp_319570;geneID=Smp_319570;product=CCA-
adding enzyme
SM_V9_1 Liftoff exon    54845727        54846001        .       -
        .       Parent=Smp_319570.1
SM_V9_1 Liftoff exon    54857933        54858184        .       -
        .       Parent=Smp_319570.1
SM_V9_1 Liftoff CDS     54845919        54846001        .       -
        2       Parent=Smp_319570.1
SM_V9_1 Liftoff CDS     54857933        54858059        .       -
        0       Parent=Smp_319570.1
SM_V9_1 Liftoff gene    54881299        54881667        .       +
        .       ID=Smp_319580;geneID=Smp_319580
SM_V9_1 Liftoff mRNA    54881299        54881667        .       +
        .
ID=Smp_319580.1;Parent=Smp_319580;geneID=Smp_319580;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    54881299        54881667        .       +
        .       Parent=Smp_319580.1
SM_V9_1 Liftoff CDS     54881344        54881538        .       +
        0       Parent=Smp_319580.1
SM_V9_1 Liftoff gene    54898661        54923585        .       -
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        .       ID=Smp_083740;geneID=Smp_083740
SM_V9_1 Liftoff mRNA    54898661        54923585        .       -
        .
ID=Smp_083740.1;Parent=Smp_083740;geneID=Smp_083740;product=Centrin-
3;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499,PF13833;Ontology_term=GO:0005509
SM_V9_1 Liftoff exon    54898661        54899293        .       -
        .       Parent=Smp_083740.1
SM_V9_1 Liftoff exon    54906098        54906174        .       -
        .       Parent=Smp_083740.1
SM_V9_1 Liftoff exon    54919607        54919721        .       -
        .       Parent=Smp_083740.1
SM_V9_1 Liftoff exon    54921258        54921375        .       -
        .       Parent=Smp_083740.1
SM_V9_1 Liftoff exon    54921409        54921536        .       -
        .       Parent=Smp_083740.1
SM_V9_1 Liftoff exon    54923521        54923585        .       -
        .       Parent=Smp_083740.1
SM_V9_1 Liftoff CDS     54899250        54899293        .       -
        2       Parent=Smp_083740.1
SM_V9_1 Liftoff CDS     54906098        54906174        .       -
        1       Parent=Smp_083740.1
SM_V9_1 Liftoff CDS     54919607        54919721        .       -
        2       Parent=Smp_083740.1
SM_V9_1 Liftoff CDS     54921258        54921375        .       -
        0       Parent=Smp_083740.1
SM_V9_1 Liftoff CDS     54921409        54921536        .       -
        2       Parent=Smp_083740.1
SM_V9_1 Liftoff CDS     54923521        54923530        .       -
        0       Parent=Smp_083740.1
SM_V9_1 iris    gene    54933729        54968745        .       +
        .
ID=Smp_345740;geneID=Smp_345740;gene_name=Smp_345740;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-07-28
SM_V9_1 iris    mRNA    54933729        54968745        .       +
        .
ID=Smp_345740.1;Parent=Smp_345740;geneID=Smp_345740;gene_name=Smp_34
5740;owner=irisadmin@local.host;orig_id=Smp_345740.1;date_last_modif
ied=2022-11-13;Name=Smp_345740.1;product=Cystic fibrosis
transmembrane conductance regulator;date_creation=2022-07-28
SM_V9_1 iris    exon    54933729        54933815        .       +
        .       Parent=Smp_345740.1;Name=31cd1f53-fc85-4ee1-
ab22-0bba2f960528
SM_V9_1 iris    exon    54933845        54934056        .       +
        .       Parent=Smp_345740.1;Name=cbb17c00-145a-4a17-
b45a-1602691a2a86
SM_V9_1 iris    exon    54934695        54934780        .       +
        .       Parent=Smp_345740.1;Name=db39ab3d-
cc52-4143-9fcb-1fda88134db3
SM_V9_1 iris    exon    54935820        54935945        .       +
        .       Parent=Smp_345740.1;Name=76d19d7b-de8c-4327-ae41-
c9c694de1403
SM_V9_1 iris    exon    54936645        54936912        .       +
        .       Parent=Smp_345740.1;Name=d0429135-
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c84d-4e5c-908d-76f0b36a50e5
SM_V9_1 iris    exon    54940111        54940215        .       +
        .
Parent=Smp_345740.1;Name=94e4f4bf-546a-4846-8d5a-5ad731605fad
SM_V9_1 iris    exon    54942296        54942385        .       +
        .       Parent=Smp_345740.1;Name=40fe82a1-3ebc-47ed-b17c-
f38bb6ce9919
SM_V9_1 iris    exon    54943594        54943770        .       +
        .       Parent=Smp_345740.1;Name=f27d56b9-1a31-4ce1-
b085-8539ec088a25
SM_V9_1 iris    exon    54944999        54945111        .       +
        .       Parent=Smp_345740.1;Name=2b44cc50-7c51-43e2-
bce3-40f144f05ae4
SM_V9_1 iris    exon    54947452        54947832        .       +
        .       Parent=Smp_345740.1;Name=761c3624-91f0-4a06-
aa48-7e4b7ca0f034
SM_V9_1 iris    exon    54950062        54950372        .       +
        .       Parent=Smp_345740.1;Name=c21d9758-c017-4c43-854e-
cbbdc25bc9de
SM_V9_1 iris    exon    54951108        54951279        .       +
        .       Parent=Smp_345740.1;Name=1dffa8c5-5a49-4249-9135-
b50ad2189fff
SM_V9_1 iris    exon    54955158        54955308        .       +
        .       Parent=Smp_345740.1;Name=a6b08649-6cd1-42b9-
aacd-0480f90ccc25
SM_V9_1 iris    exon    54956901        54957137        .       +
        .       Parent=Smp_345740.1;Name=6757cdea-6b70-4ede-b174-
b397d713b1ee
SM_V9_1 iris    exon    54957629        54957729        .       +
        .       Parent=Smp_345740.1;Name=5803eccb-f06b-4707-beb4-
bc568590c36c
SM_V9_1 iris    exon    54958455        54958649        .       +
        .       Parent=Smp_345740.1;Name=fe800371-95ef-4871-
bea1-9e615701591a
SM_V9_1 iris    exon    54961562        54961720        .       +
        .       Parent=Smp_345740.1;Name=9dc173fb-e7c7-4085-a6d1-
c653ed2da08a
SM_V9_1 iris    exon    54965213        54965302        .       +
        .       Parent=Smp_345740.1;Name=12b0f247-8a35-45bf-a651-
a8811a9b3ba7
SM_V9_1 iris    exon    54968026        54968198        .       +
        .       Parent=Smp_345740.1;Name=1f632841-a4a6-40b5-
b6c5-4028e22bad51
SM_V9_1 iris    exon    54968284        54968745        .       +
        .
Parent=Smp_345740.1;Name=a580ecb6-914e-49f4-884d-9974b30a765a
SM_V9_1 iris    CDS     54947494        54947832        .       +
        0       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54950062        54950372        .       +
        0       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54951108        54951279        .       +
        1       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54955158        54955308        .       +
        0       Parent=Smp_345740.1
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SM_V9_1 iris    CDS     54956901        54957137        .       +
        2       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54957629        54957729        .       +
        2       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54958455        54958649        .       +
        0       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54961562        54961720        .       +
        0       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54965213        54965302        .       +
        0       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54968026        54968198        .       +
        0       Parent=Smp_345740.1
SM_V9_1 iris    CDS     54968284        54968644        .       +
        1       Parent=Smp_345740.1
SM_V9_1 Liftoff gene    54969796        55040675        .       -
        .       ID=Smp_083770;geneID=Smp_083770
SM_V9_1 Liftoff mRNA    54969796        55040675        .       -
        .
ID=Smp_083770.1;Parent=Smp_083770;geneID=Smp_083770;product=Anoctami
n-7;polypeptide_domain=InterPro:IPR007632,IPR032394
Pfam:PF04547,PF16178;Ontology_term=GO:0046983
SM_V9_1 Liftoff exon    54969796        54970251        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54972336        54972458        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54973675        54973765        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54979574        54979707        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54983724        54983929        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54987260        54987408        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54988314        54988466        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54990701        54990812        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54993511        54993706        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    54997489        54997709        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55000020        55000180        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55003168        55003258        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55007516        55007684        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55008549        55008717        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55011679        55011815        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55013250        55013357        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55020489        55020613        .       -
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        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55022981        55023035        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff exon    55040483        55040675        .       -
        .       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54970210        54970251        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54972336        54972458        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54973675        54973765        .       -
        1       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54979574        54979707        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54983724        54983929        .       -
        2       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54987260        54987408        .       -
        1       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54988314        54988466        .       -
        1       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54990701        54990812        .       -
        2       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54993511        54993706        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     54997489        54997709        .       -
        2       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55000020        55000180        .       -
        1       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55003168        55003258        .       -
        2       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55007516        55007684        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55008549        55008717        .       -
        1       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55011679        55011815        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55013250        55013357        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55020489        55020613        .       -
        2       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55022981        55023035        .       -
        0       Parent=Smp_083770.1
SM_V9_1 Liftoff CDS     55040483        55040554        .       -
        0       Parent=Smp_083770.1
SM_V9_1 iris    gene    55055938        55070645        .       -
        .
ID=Smp_083780;geneID=Smp_083780;gene_name=Smp_083780;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    55055938        55070645        .       -
        .
ID=Smp_083780.1;Parent=Smp_083780;geneID=Smp_083780;gene_name=Smp_08
3780;owner=irisadmin@local.host;orig_id=Smp_083780.2;date_last_modif
ied=2022-08-01;Name=Smp_083780.1;product=X-ray repair cross-
complementing protein 5;date_creation=2022-07-28
SM_V9_1 iris    exon    55055938        55056157        .       -
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        .       Parent=Smp_083780.1;Name=cf742f4e-d382-48dd-8236-
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SM_V9_1 iris    exon    55058095        55058255        .       -
        .
Parent=Smp_083780.1;Name=c932d505-8514-4696-887a-382f96b9f67f
SM_V9_1 iris    exon    55058914        55059249        .       -
        .
Parent=Smp_083780.1;Name=ec1220b6-68d8-4faf-96f9-793e4345cc97
SM_V9_1 iris    exon    55060928        55061403        .       -
        .
Parent=Smp_083780.1;Name=23cd689f-78f7-4f92-83f0-258ca4d936cd
SM_V9_1 iris    exon    55062793        55063110        .       -
        .       Parent=Smp_083780.1;Name=c7f0a43c-2f66-410d-a821-
a0ccfb6c6cdd
SM_V9_1 iris    exon    55063513        55063721        .       -
        .       Parent=Smp_083780.1;Name=88de63bb-e756-4ef9-84d4-
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        .
Parent=Smp_083780.1;Name=ddd8597d-1f20-450b-8b9a-104a8fc4e804
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        .       Parent=Smp_083780.1;Name=25b3dd78-1d33-4011-
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SM_V9_1 iris    exon    55069093        55069386        .       -
        .
Parent=Smp_083780.1;Name=5619972c-5ab0-4648-8e7c-25b8a4fcb6f8
SM_V9_1 iris    exon    55069421        55069469        .       -
        .       Parent=Smp_083780.1;Name=b03324cc-2095-411e-
b44a-88919b07d2fd
SM_V9_1 iris    exon    55069505        55069688        .       -
        .       Parent=Smp_083780.1;Name=d7a65767-
e218-40c9-8bab-6929f5949431
SM_V9_1 iris    exon    55069732        55069824        .       -
        .
Parent=Smp_083780.1;Name=89cb1a52-58f5-4468-9a27-1578da1ecc19
SM_V9_1 iris    exon    55069856        55069905        .       -
        .       Parent=Smp_083780.1;Name=c66ef7bf-7e73-4a0e-9544-
bcf1d19d22ae
SM_V9_1 iris    exon    55070539        55070645        .       -
        .       Parent=Smp_083780.1;Name=c32217e8-b74b-4622-
bffb-1a5a8a97aa6c
SM_V9_1 iris    CDS     55056140        55056157        .       -
        0       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55058095        55058255        .       -
        2       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55058914        55059249        .       -
        2       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55060928        55061403        .       -
        1       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55062793        55063110        .       -
        1       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55063513        55063721        .       -
        0       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55066357        55066466        .       -
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        2       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55067255        55067502        .       -
        1       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55069093        55069386        .       -
        1       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55069421        55069469        .       -
        2       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55069505        55069688        .       -
        0       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55069732        55069824        .       -
        0       Parent=Smp_083780.1
SM_V9_1 iris    CDS     55069856        55069861        .       -
        0       Parent=Smp_083780.1
SM_V9_1 Liftoff gene    55084939        55097612        .       +
        .       ID=Smp_083790;geneID=Smp_083790
SM_V9_1 Liftoff mRNA    55084939        55097612        .       +
        .
ID=Smp_083790.1;Parent=Smp_083790;geneID=Smp_083790;product=Bromodom
ain-containing protein
7;polypeptide_domain=InterPro:IPR001487,IPR021900
Pfam:PF12024;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    55084939        55085353        .       +
        .       Parent=Smp_083790.1
SM_V9_1 Liftoff exon    55087571        55087945        .       +
        .       Parent=Smp_083790.1
SM_V9_1 Liftoff exon    55091970        55092612        .       +
        .       Parent=Smp_083790.1
SM_V9_1 Liftoff exon    55096914        55097612        .       +
        .       Parent=Smp_083790.1
SM_V9_1 Liftoff CDS     55084997        55085353        .       +
        0       Parent=Smp_083790.1
SM_V9_1 Liftoff CDS     55087571        55087945        .       +
        0       Parent=Smp_083790.1
SM_V9_1 Liftoff CDS     55091970        55092612        .       +
        0       Parent=Smp_083790.1
SM_V9_1 Liftoff CDS     55096914        55097239        .       +
        2       Parent=Smp_083790.1
SM_V9_1 Liftoff gene    55099480        55103978        .       -
        .       ID=Smp_083800;geneID=Smp_083800
SM_V9_1 Liftoff mRNA    55099480        55103978        .       -
        .
ID=Smp_083800.1;Parent=Smp_083800;geneID=Smp_083800;product=Cell
wall teichoic acid glycosylation protein GtcA
SM_V9_1 Liftoff exon    55099480        55099700        .       -
        .       Parent=Smp_083800.1
SM_V9_1 Liftoff exon    55100945        55101155        .       -
        .       Parent=Smp_083800.1
SM_V9_1 Liftoff exon    55103740        55103978        .       -
        .       Parent=Smp_083800.1
SM_V9_1 Liftoff CDS     55099574        55099700        .       -
        1       Parent=Smp_083800.1
SM_V9_1 Liftoff CDS     55100945        55101155        .       -
        2       Parent=Smp_083800.1
SM_V9_1 Liftoff CDS     55103740        55103905        .       -
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        0       Parent=Smp_083800.1
SM_V9_1 Liftoff gene    55149111        55149377        .       +
        .       ID=Smp_167620;geneID=Smp_167620
SM_V9_1 Liftoff mRNA    55149111        55149377        .       +
        .
ID=Smp_167620.1;Parent=Smp_167620;geneID=Smp_167620;product=Shikimat
e kinase
SM_V9_1 Liftoff exon    55149111        55149377        .       +
        .       Parent=Smp_167620.1
SM_V9_1 Liftoff CDS     55149111        55149377        .       +
        0       Parent=Smp_167620.1
SM_V9_1 iris    gene    55233917        55355821        .       -
        .
ID=Smp_301990;geneID=Smp_301990;gene_name=Smp_301990;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    55233917        55300833        .       -
        .
ID=Smp_301990.2;Parent=Smp_301990;geneID=Smp_301990;gene_name=Smp_30
1990;owner=irisadmin@local.host;orig_id=Smp_301990.1;date_last_modif
ied=2022-08-01;Name=Smp_301990.2;product=Neurexin-1;date_creation=20
22-08-01
SM_V9_1 iris    exon    55233917        55235537        .       -
        .       Parent=Smp_301990.2;Name=4b63e646-7c6b-4bae-
bbd6-60211a8e1549
SM_V9_1 iris    exon    55238908        55239083        .       -
        .       Parent=Smp_301990.2;Name=5938e535-fc16-4cab-9844-
c6ed18f85008
SM_V9_1 iris    exon    55240391        55240445        .       -
        .       Parent=Smp_301990.2;Name=5d8dda51-ff8f-4432-8dfc-
c00ebc2f280e
SM_V9_1 iris    exon    55242424        55242565        .       -
        .       Parent=Smp_301990.2;Name=9c1b5c4d-ccab-4841-
a0ff-43a1a2713fb9
SM_V9_1 iris    exon    55244543        55244674        .       -
        .       Parent=Smp_301990.2;Name=9cfd3316-d8ca-42af-935c-
d0d0e4cecc73
SM_V9_1 iris    exon    55248669        55248840        .       -
        .
Parent=Smp_301990.2;Name=18a738b7-56df-49a4-8b5a-7b15632da2be
SM_V9_1 iris    exon    55250610        55250803        .       -
        .       Parent=Smp_301990.2;Name=62d6eb72-b4e1-4817-
a9cc-8b4c3956a8f3
SM_V9_1 iris    exon    55256842        55257197        .       -
        .       Parent=Smp_301990.2;Name=be8cbd61-751e-4cfa-b590-
be7f95f06a5d
SM_V9_1 iris    exon    55258251        55258375        .       -
        .       Parent=Smp_301990.2;Name=81c6f0a2-d070-47b6-
bc1a-5898d7021ec9
SM_V9_1 iris    exon    55260456        55260620        .       -
        .
Parent=Smp_301990.2;Name=2a74843d-4030-44df-8644-376b6138b446
SM_V9_1 iris    exon    55263376        55263761        .       -
        .       Parent=Smp_301990.2;Name=a85dfe92-
d446-45fc-92ad-53bae5805f01
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SM_V9_1 iris    exon    55264943        55265051        .       -
        .
Parent=Smp_301990.2;Name=44445dcb-21aa-4d12-9cb8-8764ea677fc6
SM_V9_1 iris    exon    55268510        55268736        .       -
        .       Parent=Smp_301990.2;Name=1aa0c8a4-0ec2-4ae4-9d77-
ab12a9f27ac0
SM_V9_1 iris    exon    55270887        55271233        .       -
        .       Parent=Smp_301990.2;Name=2ca57059-e18f-4083-
b52c-8e510e600f5c
SM_V9_1 iris    exon    55272823        55273412        .       -
        .
Parent=Smp_301990.2;Name=c3433b42-84b0-4efb-9089-8affaa9aad1c
SM_V9_1 iris    exon    55276269        55276448        .       -
        .
Parent=Smp_301990.2;Name=b613560f-1ac4-4678-97ed-4d209c988649
SM_V9_1 iris    exon    55278397        55278623        .       -
        .       Parent=Smp_301990.2;Name=ce99eff7-722e-45d7-
abd5-5bf2182bd529
SM_V9_1 iris    exon    55281456        55281587        .       -
        .       Parent=Smp_301990.2;Name=19dcd033-823c-4d8b-b949-
f3f01fcab351
SM_V9_1 iris    exon    55300357        55300833        .       -
        .
Parent=Smp_301990.2;Name=fc2e0dd5-4f7a-4677-9dd0-982dafe27023
SM_V9_1 iris    CDS     55234682        55235537        .       -
        1       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55238908        55239083        .       -
        0       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55240391        55240445        .       -
        1       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55242424        55242565        .       -
        2       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55244543        55244674        .       -
        2       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55248669        55248840        .       -
        0       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55250610        55250803        .       -
        2       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55256842        55257197        .       -
        1       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55258251        55258375        .       -
        0       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55260456        55260620        .       -
        0       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55263376        55263761        .       -
        2       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55264943        55265051        .       -
        0       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55268510        55268736        .       -
        2       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55270887        55271233        .       -
        1       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55272823        55273412        .       -
        0       Parent=Smp_301990.2
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SM_V9_1 iris    CDS     55276269        55276448        .       -
        0       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55278397        55278623        .       -
        2       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55281456        55281587        .       -
        2       Parent=Smp_301990.2
SM_V9_1 iris    CDS     55300357        55300492        .       -
        0       Parent=Smp_301990.2
SM_V9_1 iris    mRNA    55233917        55355821        .       -
        .
ID=Smp_301990.1;Parent=Smp_301990;geneID=Smp_301990;gene_name=Smp_30
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ied=2022-08-01;Name=Smp_301990.1;product=Neurexin-1;date_creation=20
22-08-01
SM_V9_1 iris    exon    55233917        55235537        .       -
        .       Parent=Smp_301990.1;Name=ac228868-4741-41e2-
bd7e-439a5319fdef
SM_V9_1 iris    exon    55238908        55239083        .       -
        .       Parent=Smp_301990.1;Name=25c777a1-7288-4f24-9025-
d17e8f4f5098
SM_V9_1 iris    exon    55240391        55240445        .       -
        .       Parent=Smp_301990.1;Name=ec8c128f-
a987-48a9-9189-408a0eb65eeb
SM_V9_1 iris    exon    55242424        55242565        .       -
        .       Parent=Smp_301990.1;Name=dbce50af-6f8d-4c4b-89dc-
b87607429b09
SM_V9_1 iris    exon    55244543        55244674        .       -
        .
Parent=Smp_301990.1;Name=2dc85e61-1564-480c-83f8-5e9a2b3a71ea
SM_V9_1 iris    exon    55248669        55248840        .       -
        .       Parent=Smp_301990.1;Name=6eac88a5-0367-4ac8-
b6be-31252271aa2f
SM_V9_1 iris    exon    55250610        55250803        .       -
        .       Parent=Smp_301990.1;Name=9a44bdd9-d269-4947-9c2a-
d62273ebc108
SM_V9_1 iris    exon    55256842        55257197        .       -
        .
Parent=Smp_301990.1;Name=bd98d908-007f-4cbf-9355-844b7343cb7d
SM_V9_1 iris    exon    55258251        55258375        .       -
        .       Parent=Smp_301990.1;Name=e66ab91d-c52e-4787-
a2b0-2934f91d6565
SM_V9_1 iris    exon    55260456        55260620        .       -
        .
Parent=Smp_301990.1;Name=11a25ce8-4376-4367-9071-923cb67431b4
SM_V9_1 iris    exon    55263376        55263761        .       -
        .       Parent=Smp_301990.1;Name=2c02cfd5-f732-4971-b872-
a217d6e1eb8a
SM_V9_1 iris    exon    55264943        55265051        .       -
        .       Parent=Smp_301990.1;Name=9fb9f77d-9654-4985-8620-
e68e00a12bba
SM_V9_1 iris    exon    55268510        55268736        .       -
        .       Parent=Smp_301990.1;Name=9238b7e0-fb41-4650-9035-
ddf55afee549
SM_V9_1 iris    exon    55270887        55271233        .       -
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        .       Parent=Smp_301990.1;Name=3b580ca6-3147-406f-aec7-
d216a9452dd9
SM_V9_1 iris    exon    55272823        55273412        .       -
        .
Parent=Smp_301990.1;Name=76e93740-4607-4c38-8867-82b19676ad14
SM_V9_1 iris    exon    55276269        55276448        .       -
        .
Parent=Smp_301990.1;Name=2e5703b1-583c-4dbd-826a-1fe48f0fd31e
SM_V9_1 iris    exon    55278397        55278623        .       -
        .
Parent=Smp_301990.1;Name=6d01b410-4aba-470b-9349-642c9da37756
SM_V9_1 iris    exon    55281456        55281587        .       -
        .       Parent=Smp_301990.1;Name=81e92ed8-f18a-45d4-
a41c-11b5771ead00
SM_V9_1 iris    exon    55354721        55355821        .       -
        .       Parent=Smp_301990.1;Name=b6359c4d-8a93-4c3e-
a90e-49a48867f529
SM_V9_1 iris    CDS     55234682        55235537        .       -
        1       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55238908        55239083        .       -
        0       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55240391        55240445        .       -
        1       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55242424        55242565        .       -
        2       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55244543        55244674        .       -
        2       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55248669        55248840        .       -
        0       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55250610        55250803        .       -
        2       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55256842        55257197        .       -
        1       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55258251        55258375        .       -
        0       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55260456        55260620        .       -
        0       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55263376        55263761        .       -
        2       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55264943        55265051        .       -
        0       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55268510        55268736        .       -
        2       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55270887        55271233        .       -
        1       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55272823        55273412        .       -
        0       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55276269        55276448        .       -
        0       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55278397        55278623        .       -
        2       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55281456        55281587        .       -
        2       Parent=Smp_301990.1
SM_V9_1 iris    CDS     55354721        55355639        .       -
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        0       Parent=Smp_301990.1
SM_V9_1 iris    gene    55432947        55463598        .       -
        .
ID=Smp_180740;geneID=Smp_180740;gene_name=Smp_180740;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    55432947        55463598        .       -
        .
ID=Smp_180740.1;Parent=Smp_180740;geneID=Smp_180740;gene_name=Smp_18
0740;owner=irisadmin@local.host;orig_id=Smp_180740.1;date_last_modif
ied=2022-08-01;Name=Smp_180740.1;product=Zinc finger FYVE domain-
containing protein 1;date_creation=2022-07-28
SM_V9_1 iris    exon    55432947        55434372        .       -
        .       Parent=Smp_180740.1;Name=263dc853-
fce8-4e2a-8164-5a73aa6ad735
SM_V9_1 iris    exon    55435765        55435931        .       -
        .       Parent=Smp_180740.1;Name=15439913-
e6d4-415c-8971-25a10d0360ab
SM_V9_1 iris    exon    55440081        55440601        .       -
        .       Parent=Smp_180740.1;Name=22cb494a-ac1a-4457-
b230-4caf0b25e528
SM_V9_1 iris    exon    55442126        55442362        .       -
        .       Parent=Smp_180740.1;Name=c2868dbf-315b-4f6c-
b6f4-4deb906310de
SM_V9_1 iris    exon    55443598        55443915        .       -
        .
Parent=Smp_180740.1;Name=ccca6513-3208-4962-895c-52f48dac9f2b
SM_V9_1 iris    exon    55451165        55451274        .       -
        .       Parent=Smp_180740.1;Name=78a861fe-3165-498e-
a58e-794d3ac0b617
SM_V9_1 iris    exon    55453553        55453915        .       -
        .       Parent=Smp_180740.1;Name=a23f03b5-256f-4e68-9cb9-
c148b87d8dca
SM_V9_1 iris    exon    55455107        55455335        .       -
        .       Parent=Smp_180740.1;Name=0b5ae354-81fe-4e9a-
ae2b-3860ed324da8
SM_V9_1 iris    exon    55461615        55461790        .       -
        .       Parent=Smp_180740.1;Name=688242da-9cd8-4767-9603-
a58e13905bdf
SM_V9_1 iris    exon    55463285        55463598        .       -
        .       Parent=Smp_180740.1;Name=ac293ead-
f7de-406d-9ec1-3217701d9f2f
SM_V9_1 iris    CDS     55433990        55434372        .       -
        2       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55435765        55435931        .       -
        1       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55440081        55440601        .       -
        0       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55442126        55442362        .       -
        0       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55443598        55443915        .       -
        0       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55451165        55451274        .       -
        2       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55453553        55453915        .       -
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        2       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55455107        55455335        .       -
        0       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55461615        55461790        .       -
        2       Parent=Smp_180740.1
SM_V9_1 iris    CDS     55463285        55463399        .       -
        0       Parent=Smp_180740.1
SM_V9_1 Liftoff gene    55488485        55497371        .       +
        .       ID=Smp_104890;geneID=Smp_104890
SM_V9_1 Liftoff mRNA    55488485        55497371        .       +
        .
ID=Smp_104890.1;Parent=Smp_104890;geneID=Smp_104890;product=Glutamat
e-gated chloride channel subunit 3;evidence=Traceable Author
Statement;literature=PMID:24009509;polypeptide_domain=InterPro:IPR00
6028,IPR006029,IPR006201,IPR006202,IPR018000
Pfam:PF02931,PF02932;Ontology_term=GO:0005216,GO:0005230,GO:0006811,
GO:0016021
SM_V9_1 Liftoff exon    55488485        55497371        .       +
        .       Parent=Smp_104890.1
SM_V9_1 Liftoff CDS     55495417        55496955        .       +
        0       Parent=Smp_104890.1
SM_V9_1 iris    gene    55515435        55547241        .       +
        .
ID=Smp_319610;geneID=Smp_319610;gene_name=Smp_319610;owner=irisadmin
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SM_V9_1 iris    mRNA    55515435        55547241        .       +
        .
ID=Smp_319610.1;Parent=Smp_319610;geneID=Smp_319610;gene_name=Smp_31
9610;owner=irisadmin@local.host;orig_id=Smp_319610.1;date_last_modif
ied=2022-08-01;Name=Smp_319610.1;product=PDF
receptor;date_creation=2022-07-28
SM_V9_1 iris    exon    55515435        55515585        .       +
        .       Parent=Smp_319610.1;Name=9e16383f-310b-4a1d-
b31e-44e75f402a26
SM_V9_1 iris    exon    55516810        55516840        .       +
        .
Parent=Smp_319610.1;Name=9996f520-249c-4e8f-8446-7880744feb98
SM_V9_1 iris    exon    55522673        55522787        .       +
        .       Parent=Smp_319610.1;Name=8ae66685-
d712-4800-80ea-82c4831b9e94
SM_V9_1 iris    exon    55523687        55523790        .       +
        .       Parent=Smp_319610.1;Name=154be659-
afba-4511-824f-4961b3e2d14e
SM_V9_1 iris    exon    55527723        55527921        .       +
        .       Parent=Smp_319610.1;Name=2564825e-8efd-473a-9151-
f2d4eb79a65b
SM_V9_1 iris    exon    55533241        55533403        .       +
        .       Parent=Smp_319610.1;Name=8d8bead0-c802-4a42-b64a-
a0448c736456
SM_V9_1 iris    exon    55535798        55535861        .       +
        .       Parent=Smp_319610.1;Name=76c6982b-a1de-4b88-85c6-
e87d7cda2a68
SM_V9_1 iris    exon    55536816        55536885        .       +
        .       Parent=Smp_319610.1;Name=a00c1f64-d184-4db9-9ccd-
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a211be6c4593
SM_V9_1 iris    exon    55537551        55537636        .       +
        .       Parent=Smp_319610.1;Name=2c21e801-aa85-4c49-
b62d-5318c84bbf42
SM_V9_1 iris    exon    55540623        55540800        .       +
        .
Parent=Smp_319610.1;Name=cd9cb422-391c-4bda-9999-524d87deec84
SM_V9_1 iris    exon    55545364        55545979        .       +
        .
Parent=Smp_319610.1;Name=70f8ca62-9422-416d-8dc3-1a6b08b80af6
SM_V9_1 iris    exon    55546710        55547241        .       +
        .
Parent=Smp_319610.1;Name=7d81ac9a-73f6-4679-8fef-3b9166740065
SM_V9_1 iris    CDS     55516839        55516840        .       +
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SM_V9_1 iris    CDS     55522673        55522787        .       +
        1       Parent=Smp_319610.1
SM_V9_1 iris    CDS     55523687        55523790        .       +
        0       Parent=Smp_319610.1
SM_V9_1 iris    CDS     55527723        55527921        .       +
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SM_V9_1 iris    CDS     55533241        55533403        .       +
        0       Parent=Smp_319610.1
SM_V9_1 iris    CDS     55535798        55535861        .       +
        2       Parent=Smp_319610.1
SM_V9_1 iris    CDS     55536816        55536885        .       +
        1       Parent=Smp_319610.1
SM_V9_1 iris    CDS     55537551        55537636        .       +
        0       Parent=Smp_319610.1
SM_V9_1 iris    CDS     55540623        55540800        .       +
        1       Parent=Smp_319610.1
SM_V9_1 iris    CDS     55545364        55545489        .       +
        0       Parent=Smp_319610.1
SM_V9_1 iris    gene    55562428        55628918        .       +
        .
ID=Smp_144600;geneID=Smp_144600;gene_name=Smp_144600;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    55562428        55628918        .       +
        .
ID=Smp_144600.1;Parent=Smp_144600;geneID=Smp_144600;gene_name=Smp_14
4600;owner=irisadmin@local.host;orig_id=Smp_144600.1;date_last_modif
ied=2022-08-01;Name=Smp_144600.1;product=Guanine nucleotide-
releasing factor 2;date_creation=2022-07-28
SM_V9_1 iris    exon    55562428        55562515        .       +
        .
Parent=Smp_144600.1;Name=7d3d3b75-1725-4ac6-8878-70c2a8cc06ae
SM_V9_1 iris    exon    55568579        55568799        .       +
        .       Parent=Smp_144600.1;Name=a83388d5-0095-41c8-
aead-39b9e7d86485
SM_V9_1 iris    exon    55569955        55570178        .       +
        .       Parent=Smp_144600.1;Name=1f5e3fb7-5818-4c5e-a1f5-
f4ae5665a5eb
SM_V9_1 iris    exon    55580168        55580426        .       +
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Parent=Smp_144600.1;Name=7f5705d5-9a45-4c37-8f3c-9a8766105871
SM_V9_1 iris    exon    55583969        55584051        .       +
        .       Parent=Smp_144600.1;Name=912a3e31-f1a1-444a-
acac-565efe379bbb
SM_V9_1 iris    exon    55587326        55587784        .       +
        .       Parent=Smp_144600.1;Name=3c6650a9-8f74-468b-8e4c-
b17e9acbcea4
SM_V9_1 iris    exon    55587913        55588213        .       +
        .       Parent=Smp_144600.1;Name=f1cbdf2d-8611-4676-
b3b9-7cfaa33afe4b
SM_V9_1 iris    exon    55590725        55590877        .       +
        .
Parent=Smp_144600.1;Name=0afda8b9-7f21-485f-8e18-320a8d6121d8
SM_V9_1 iris    exon    55603508        55603822        .       +
        .       Parent=Smp_144600.1;Name=e5dcac46-adcb-495b-8ac8-
f240068bf110
SM_V9_1 iris    exon    55604632        55604977        .       +
        .       Parent=Smp_144600.1;Name=e616272e-64ba-428b-
be9f-6613c97cd255
SM_V9_1 iris    exon    55606028        55606266        .       +
        .       Parent=Smp_144600.1;Name=0e138efe-00ea-4347-a5d5-
ada63d71b3c4
SM_V9_1 iris    exon    55608791        55608820        .       +
        .       Parent=Smp_144600.1;Name=010fd612-bba8-4bd0-a6d5-
bd9dd1a1f373
SM_V9_1 iris    exon    55614587        55614686        .       +
        .
Parent=Smp_144600.1;Name=c39a63ab-1f57-4b15-97c8-8bf32d0125e3
SM_V9_1 iris    exon    55614731        55614818        .       +
        .       Parent=Smp_144600.1;Name=ef0a57f0-b504-45d0-
ba06-0e2fd8596f10
SM_V9_1 iris    exon    55615523        55615694        .       +
        .       Parent=Smp_144600.1;Name=a6bda7f6-68a7-4448-9b52-
db3c351aafa1
SM_V9_1 iris    exon    55617053        55617134        .       +
        .       Parent=Smp_144600.1;Name=41428f20-0aba-4490-
aaf9-72126f21f66d
SM_V9_1 iris    exon    55618675        55618865        .       +
        .       Parent=Smp_144600.1;Name=638e1796-278b-43aa-
a60c-64880be07e5b
SM_V9_1 iris    exon    55620728        55621279        .       +
        .
Parent=Smp_144600.1;Name=96bcb5e3-2122-49e9-9c72-61c334768741
SM_V9_1 iris    exon    55623332        55623502        .       +
        .       Parent=Smp_144600.1;Name=edb15b16-6493-4ba9-
a707-946142adb71c
SM_V9_1 iris    exon    55623824        55623919        .       +
        .       Parent=Smp_144600.1;Name=738690f3-413b-4348-a86b-
de663b8d6db0
SM_V9_1 iris    exon    55625144        55625427        .       +
        .       Parent=Smp_144600.1;Name=78d09e9c-b614-4c96-8246-
e372ae111820
SM_V9_1 iris    exon    55627430        55628918        .       +
        .
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Parent=Smp_144600.1;Name=25602d75-514b-4734-9cdb-1bf7f7787ca9
SM_V9_1 iris    CDS     55562497        55562515        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55568579        55568799        .       +
        2       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55569955        55570178        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55580168        55580426        .       +
        1       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55583969        55584051        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55587326        55587784        .       +
        1       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55587913        55588213        .       +
        1       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55590725        55590877        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55603508        55603822        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55604632        55604977        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55606028        55606266        .       +
        2       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55608791        55608820        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55614587        55614686        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55614731        55614818        .       +
        2       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55615523        55615694        .       +
        1       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55617053        55617134        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55618675        55618865        .       +
        2       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55620728        55621279        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55623332        55623502        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55623824        55623919        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55625144        55625427        .       +
        0       Parent=Smp_144600.1
SM_V9_1 iris    CDS     55627430        55627547        .       +
        1       Parent=Smp_144600.1
SM_V9_1 iris    gene    55651788        55775265        .       +
        .
ID=Smp_144590;geneID=Smp_144590;gene_name=Smp_144590;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    55651788        55775254        .       +
        .
ID=Smp_144590.1;Parent=Smp_144590;geneID=Smp_144590;gene_name=Smp_14
4590;owner=irisadmin@local.host;orig_id=Smp_144590.2;date_last_modif
ied=2022-08-01;Name=Smp_144590.1;product=Hypothetical
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protein;date_creation=2022-07-28
SM_V9_1 iris    exon    55651788        55652118        .       +
        .
Parent=Smp_144590.1;Name=0be21214-90e2-46af-8ccb-588e8437e5df
SM_V9_1 iris    exon    55667232        55667610        .       +
        .       Parent=Smp_144590.1;Name=bcebed45-24a6-4afa-af1e-
a8679fcd5f03
SM_V9_1 iris    exon    55676723        55676877        .       +
        .       Parent=Smp_144590.1;Name=a9162235-7800-4721-adcf-
e980a24bb29b
SM_V9_1 iris    exon    55678622        55679191        .       +
        .       Parent=Smp_144590.1;Name=9c8b69b8-8a2e-41d6-b70a-
f1214aed212c
SM_V9_1 iris    exon    55681849        55682440        .       +
        .       Parent=Smp_144590.1;Name=203f5fd6-7ad7-4147-
b47e-4495d184401a
SM_V9_1 iris    exon    55684265        55684494        .       +
        .       Parent=Smp_144590.1;Name=df03ba5a-e4ec-45d2-9b9e-
dc56b8fc95c8
SM_V9_1 iris    exon    55727644        55727745        .       +
        .       Parent=Smp_144590.1;Name=a4ae367a-1c20-465c-
b0da-141d562ecf63
SM_V9_1 iris    exon    55741001        55741099        .       +
        .       Parent=Smp_144590.1;Name=98422e92-752e-45b0-a835-
c6370c5286f6
SM_V9_1 iris    exon    55743772        55743872        .       +
        .       Parent=Smp_144590.1;Name=4ab3b938-8bf0-4f86-8738-
cf3063f09d00
SM_V9_1 iris    exon    55745401        55745978        .       +
        .       Parent=Smp_144590.1;Name=83c27353-537f-4c26-
bf0d-769c27bf60c6
SM_V9_1 iris    exon    55748756        55748924        .       +
        .       Parent=Smp_144590.1;Name=982057df-
f42b-4bc2-95d6-874f5090f4c5
SM_V9_1 iris    exon    55751924        55752003        .       +
        .       Parent=Smp_144590.1;Name=8040ddde-
bdae-4271-9a11-059744b706aa
SM_V9_1 iris    exon    55761140        55761360        .       +
        .       Parent=Smp_144590.1;Name=9e5416d2-7409-4441-
b6c1-8d40c670091f
SM_V9_1 iris    exon    55764515        55764953        .       +
        .       Parent=Smp_144590.1;Name=1935992f-9127-41ab-b7a2-
b323da611831
SM_V9_1 iris    exon    55765999        55766238        .       +
        .       Parent=Smp_144590.1;Name=8b2a58e9-7f21-4032-
b0c5-803b212d5bfd
SM_V9_1 iris    exon    55769219        55770162        .       +
        .       Parent=Smp_144590.1;Name=0d4e9cb8-ca59-4a58-bcc0-
f3fe320a2dec
SM_V9_1 iris    exon    55773769        55775254        .       +
        .       Parent=Smp_144590.1;Name=4432ab63-4101-4356-
ae6d-2b3c48c2f523
SM_V9_1 iris    CDS     55667263        55667610        .       +
        0       Parent=Smp_144590.1
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SM_V9_1 iris    CDS     55676723        55676877        .       +
        0       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55678622        55679191        .       +
        1       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55681849        55682440        .       +
        1       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55684265        55684494        .       +
        0       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55727644        55727745        .       +
        1       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55741001        55741099        .       +
        1       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55743772        55743872        .       +
        1       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55745401        55745978        .       +
        2       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55748756        55748924        .       +
        0       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55751924        55752003        .       +
        2       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55761140        55761360        .       +
        0       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55764515        55764953        .       +
        1       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55765999        55766238        .       +
        0       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55769219        55770162        .       +
        0       Parent=Smp_144590.1
SM_V9_1 iris    CDS     55773769        55774411        .       +
        1       Parent=Smp_144590.1
SM_V9_1 iris    mRNA    55693488        55775265        .       +
        .
ID=Smp_144590.2;Parent=Smp_144590;geneID=Smp_144590;gene_name=Smp_14
4590;owner=irisadmin@local.host;orig_id=Smp_144590.3;date_last_modif
ied=2022-08-01;Name=Smp_144590.2;product=Ras GTPase-activating
protein gap-2;date_creation=2022-07-28
SM_V9_1 iris    exon    55693488        55694059        .       +
        .       Parent=Smp_144590.2;Name=04351679-f32e-4d2a-beb1-
e22c8364ee9a
SM_V9_1 iris    exon    55727644        55727745        .       +
        .       Parent=Smp_144590.2;Name=de0720ac-6fa7-4eeb-9018-
ce546bef27fd
SM_V9_1 iris    exon    55741001        55741099        .       +
        .       Parent=Smp_144590.2;Name=d6eb5cc8-7d86-4f3f-b1e3-
f697519dae46
SM_V9_1 iris    exon    55743772        55743872        .       +
        .       Parent=Smp_144590.2;Name=54454914-583e-45fa-
b117-7eb25690e28e
SM_V9_1 iris    exon    55745401        55745978        .       +
        .       Parent=Smp_144590.2;Name=eb00adb5-f217-43df-a31a-
ac3b3c8e3179
SM_V9_1 iris    exon    55748756        55748924        .       +
        .       Parent=Smp_144590.2;Name=7a28bafd-
ae1c-4835-913e-18530e4818e4
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SM_V9_1 iris    exon    55751924        55752003        .       +
        .       Parent=Smp_144590.2;Name=cf0c5508-3a20-4b01-
afab-990f1b686d77
SM_V9_1 iris    exon    55761140        55761360        .       +
        .       Parent=Smp_144590.2;Name=e93cb87d-5070-44a6-
b120-8b5cc85403fa
SM_V9_1 iris    exon    55764515        55764953        .       +
        .
Parent=Smp_144590.2;Name=e4fca66f-0528-4d44-899a-80e20d428b83
SM_V9_1 iris    exon    55765999        55766238        .       +
        .       Parent=Smp_144590.2;Name=0f60e940-484d-4ba7-
b847-7e246027af00
SM_V9_1 iris    exon    55769219        55770162        .       +
        .       Parent=Smp_144590.2;Name=fab82791-fd9c-47f4-
a427-65ce0fce9a27
SM_V9_1 iris    exon    55773769        55775265        .       +
        .       Parent=Smp_144590.2;Name=1756b1fd-a024-42b3-a511-
e4b8478453a0
SM_V9_1 iris    CDS     55693953        55694059        .       +
        0       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55727644        55727745        .       +
        1       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55741001        55741099        .       +
        1       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55743772        55743872        .       +
        1       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55745401        55745978        .       +
        2       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55748756        55748924        .       +
        0       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55751924        55752003        .       +
        2       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55761140        55761360        .       +
        0       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55764515        55764953        .       +
        1       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55765999        55766238        .       +
        0       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55769219        55770162        .       +
        0       Parent=Smp_144590.2
SM_V9_1 iris    CDS     55773769        55774411        .       +
        1       Parent=Smp_144590.2
SM_V9_1 Liftoff pseudogene      55778319        55779206        .
        -       .
ID=Smp_337600;geneID=Smp_337600;previous_systematic_id=Smp_167570,Sm
p_247000
SM_V9_1 Liftoff transcript      55778319        55779206        .
        -       .
ID=Smp_337600.1;Parent=Smp_337600;geneID=Smp_337600
SM_V9_1 Liftoff exon    55778319        55778616        .       -
        .       Parent=Smp_337600.1
SM_V9_1 Liftoff exon    55778669        55778683        .       -
        .       Parent=Smp_337600.1
SM_V9_1 Liftoff exon    55778797        55778840        .       -
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        .       Parent=Smp_337600.1
SM_V9_1 Liftoff exon    55778965        55779029        .       -
        .       Parent=Smp_337600.1
SM_V9_1 Liftoff exon    55779161        55779206        .       -
        .       Parent=Smp_337600.1
SM_V9_1 Liftoff gene    55780264        55795884        .       -
        .       ID=Smp_041100;geneID=Smp_041100
SM_V9_1 Liftoff mRNA    55780264        55795884        .       -
        .
ID=Smp_041100.1;Parent=Smp_041100;geneID=Smp_041100;product=Uncharac
terized 341.7 kDa protein in psbD-psbC intergenic
region;polypeptide_domain=Pfam:PF15891
SM_V9_1 Liftoff exon    55780264        55781272        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55781327        55781491        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55783624        55784040        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55785186        55785491        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55786736        55786811        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55787712        55787770        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55789252        55789372        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55791615        55791835        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55795301        55795392        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55795422        55795562        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff exon    55795602        55795884        .       -
        .       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55780883        55781272        .       -
        0       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55781327        55781491        .       -
        0       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55783624        55784040        .       -
        0       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55785186        55785491        .       -
        0       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55786736        55786811        .       -
        1       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55787712        55787770        .       -
        0       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55789252        55789372        .       -
        1       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55791615        55791835        .       -
        0       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55795301        55795392        .       -
        2       Parent=Smp_041100.1
SM_V9_1 Liftoff CDS     55795422        55795562        .       -
        2       Parent=Smp_041100.1
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SM_V9_1 Liftoff CDS     55795602        55795704        .       -
        0       Parent=Smp_041100.1
SM_V9_1 iris    gene    55807221        55819793        .       -
        .
ID=Smp_144570;geneID=Smp_144570;gene_name=Smp_144570;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    55807221        55819793        .       -
        .
ID=Smp_144570.1;Parent=Smp_144570;geneID=Smp_144570;gene_name=Smp_14
4570;owner=irisadmin@local.host;orig_id=Smp_144570.1;date_last_modif
ied=2022-08-01;Name=Smp_144570.1;product=Serine
hydroxymethyltransferase, mitochondrial;date_creation=2022-07-28
SM_V9_1 iris    exon    55807221        55807570        .       -
        .       Parent=Smp_144570.1;Name=467f7b33-2528-4a24-b49b-
d0da4a3fdb4f
SM_V9_1 iris    exon    55808411        55808518        .       -
        .       Parent=Smp_144570.1;Name=cf525c11-91b0-4f52-967a-
d5fd5577df1a
SM_V9_1 iris    exon    55811665        55811941        .       -
        .       Parent=Smp_144570.1;Name=4d654454-6987-4ae2-
ad57-4e2f9ff70cc9
SM_V9_1 iris    exon    55812257        55812568        .       -
        .       Parent=Smp_144570.1;Name=95514e6a-7938-4dfa-bbd2-
c76c7a65a4c6
SM_V9_1 iris    exon    55814462        55814584        .       -
        .       Parent=Smp_144570.1;Name=c42e1d96-2f6b-48a1-
b6d9-3809260beefa
SM_V9_1 iris    exon    55815971        55816274        .       -
        .       Parent=Smp_144570.1;Name=4340d815-0174-4e0d-
b15f-1c89997e8310
SM_V9_1 iris    exon    55819473        55819552        .       -
        .       Parent=Smp_144570.1;Name=38fa18cf-0652-4dc7-
af34-53aa8cc4ce70
SM_V9_1 iris    exon    55819587        55819793        .       -
        .       Parent=Smp_144570.1;Name=651508ff-2a13-4c79-
a612-4f94f9a5f151
SM_V9_1 iris    CDS     55807443        55807570        .       -
        2       Parent=Smp_144570.1
SM_V9_1 iris    CDS     55808411        55808518        .       -
        2       Parent=Smp_144570.1
SM_V9_1 iris    CDS     55811665        55811941        .       -
        0       Parent=Smp_144570.1
SM_V9_1 iris    CDS     55812257        55812568        .       -
        0       Parent=Smp_144570.1
SM_V9_1 iris    CDS     55814462        55814584        .       -
        0       Parent=Smp_144570.1
SM_V9_1 iris    CDS     55815971        55816274        .       -
        1       Parent=Smp_144570.1
SM_V9_1 iris    CDS     55819473        55819552        .       -
        0       Parent=Smp_144570.1
SM_V9_1 iris    CDS     55819587        55819769        .       -
        0       Parent=Smp_144570.1
SM_V9_1 Liftoff gene    55844348        55883151        .       +
        .       ID=Smp_144560;geneID=Smp_144560
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        .
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ndin-2;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_1 Liftoff exon    55844348        55844500        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55844539        55844610        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55848432        55848536        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55866702        55866887        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55868568        55868753        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55870512        55870602        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55874846        55874904        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55879443        55879625        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff exon    55882453        55883151        .       +
        .       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55844405        55844500        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55844539        55844610        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55848432        55848536        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55866702        55866887        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55868568        55868753        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55870512        55870602        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55874846        55874904        .       +
        2       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55879443        55879625        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff CDS     55882453        55882584        .       +
        0       Parent=Smp_144560.1
SM_V9_1 Liftoff gene    55884949        55903761        .       -
        .       ID=Smp_041060;geneID=Smp_041060
SM_V9_1 Liftoff mRNA    55884949        55903761        .       -
        .
ID=Smp_041060.1;Parent=Smp_041060;geneID=Smp_041060;product=Septin-5
;polypeptide_domain=InterPro:IPR016491,IPR027417,IPR030379
Pfam:PF00735;Ontology_term=GO:0005525
SM_V9_1 Liftoff exon    55884949        55885618        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55886772        55886856        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55888104        55888229        .       -
        .       Parent=Smp_041060.1
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SM_V9_1 Liftoff exon    55889960        55890111        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55891380        55891599        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55893152        55893286        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55894208        55894418        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55896023        55896122        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55903538        55903662        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff exon    55903699        55903761        .       -
        .       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55885469        55885618        .       -
        0       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55886772        55886856        .       -
        1       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55888104        55888229        .       -
        1       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55889960        55890111        .       -
        0       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55891380        55891599        .       -
        1       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55893152        55893286        .       -
        1       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55894208        55894418        .       -
        2       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55896023        55896122        .       -
        0       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55903538        55903662        .       -
        2       Parent=Smp_041060.1
SM_V9_1 Liftoff CDS     55903699        55903747        .       -
        0       Parent=Smp_041060.1
SM_V9_1 iris    gene    55914028        55922252        .       +
        .
ID=Smp_041050;geneID=Smp_041050;gene_name=Smp_041050;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    55914028        55922252        .       +
        .
ID=Smp_041050.1;Parent=Smp_041050;geneID=Smp_041050;gene_name=Smp_04
1050;owner=irisadmin@local.host;orig_id=Smp_041050.1;date_last_modif
ied=2022-08-01;Name=Smp_041050.1;product=G patch domain-containing
protein 3;date_creation=2022-07-28
SM_V9_1 iris    exon    55914028        55914094        .       +
        .       Parent=Smp_041050.1;Name=c763dea8-6673-4cb3-
a9a5-9bb3cd7efb13
SM_V9_1 iris    exon    55917124        55917781        .       +
        .       Parent=Smp_041050.1;Name=8a369a94-c5d1-4d91-aea0-
f2abd3ab5290
SM_V9_1 iris    exon    55917821        55918107        .       +
        .       Parent=Smp_041050.1;Name=fe0f1083-ea00-4877-b448-
bdaf27d9daf8
SM_V9_1 iris    exon    55919571        55920041        .       +
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        .       Parent=Smp_041050.1;Name=4f630b2f-
d1dd-463d-91cf-8cf9f4569b8e
SM_V9_1 iris    exon    55921449        55922252        .       +
        .       Parent=Smp_041050.1;Name=73dac75d-776d-4380-
bec4-237051a97b3c
SM_V9_1 iris    CDS     55917370        55917781        .       +
        0       Parent=Smp_041050.1
SM_V9_1 iris    CDS     55917821        55918107        .       +
        2       Parent=Smp_041050.1
SM_V9_1 iris    CDS     55919571        55920041        .       +
        0       Parent=Smp_041050.1
SM_V9_1 iris    CDS     55921449        55921958        .       +
        0       Parent=Smp_041050.1
SM_V9_1 Liftoff gene    55938713        55946704        .       -
        .       ID=Smp_144550;geneID=Smp_144550
SM_V9_1 Liftoff mRNA    55938713        55946704        .       -
        .
ID=Smp_144550.1;Parent=Smp_144550;geneID=Smp_144550;product=Chromobo
x protein homolog
5;polypeptide_domain=InterPro:IPR000953,IPR002110,IPR016197,IPR02068
3,IPR023779,IPR023780 Pfam:PF00385,PF13637;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    55938713        55940589        .       -
        .       Parent=Smp_144550.1
SM_V9_1 Liftoff exon    55942264        55943031        .       -
        .       Parent=Smp_144550.1
SM_V9_1 Liftoff exon    55943604        55946704        .       -
        .       Parent=Smp_144550.1
SM_V9_1 Liftoff CDS     55939651        55940589        .       -
        0       Parent=Smp_144550.1
SM_V9_1 Liftoff CDS     55942264        55943031        .       -
        0       Parent=Smp_144550.1
SM_V9_1 Liftoff CDS     55943604        55944686        .       -
        0       Parent=Smp_144550.1
SM_V9_1 Liftoff gene    55964084        55973734        .       -
        .       ID=Smp_144540;geneID=Smp_144540
SM_V9_1 Liftoff mRNA    55964084        55973734        .       -
        .
ID=Smp_144540.1;Parent=Smp_144540;geneID=Smp_144540;product=Fez
family zinc finger protein
2;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    55964084        55965722        .       -
        .       Parent=Smp_144540.1
SM_V9_1 Liftoff exon    55968431        55968575        .       -
        .       Parent=Smp_144540.1
SM_V9_1 Liftoff exon    55971455        55973734        .       -
        .       Parent=Smp_144540.1
SM_V9_1 Liftoff CDS     55964311        55965722        .       -
        2       Parent=Smp_144540.1
SM_V9_1 Liftoff CDS     55968431        55968575        .       -
        0       Parent=Smp_144540.1
SM_V9_1 Liftoff CDS     55971455        55972249        .       -
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SM_V9_1 Liftoff gene    56014346        56051064        .       +
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        .       ID=Smp_144520;geneID=Smp_144520
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        .
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of RNA polymerase II transcription subunit 1
SM_V9_1 Liftoff exon    56014346        56014820        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56025532        56025632        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56027061        56027549        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56028237        56028361        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56029644        56029747        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56030501        56030687        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56032380        56032478        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56033582        56034175        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56035377        56035865        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56036777        56039588        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56041229        56041475        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56043900        56044189        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56046624        56046690        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff exon    56050146        56051064        .       +
        .       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56014443        56014820        .       +
        0       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56025532        56025632        .       +
        0       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56027061        56027549        .       +
        1       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56028237        56028361        .       +
        1       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56029644        56029747        .       +
        2       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56030501        56030687        .       +
        0       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56032380        56032478        .       +
        2       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56033582        56034175        .       +
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SM_V9_1 Liftoff CDS     56035377        56035865        .       +
        2       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56036777        56039588        .       +
        2       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56041229        56041475        .       +
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SM_V9_1 Liftoff CDS     56046624        56046690        .       +
        1       Parent=Smp_144520.1
SM_V9_1 Liftoff CDS     56050146        56050493        .       +
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        .
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SM_V9_1 iris    mRNA    56055801        56069441        .       +
        .
ID=Smp_144510.1;Parent=Smp_144510;geneID=Smp_144510;gene_name=Smp_14
4510;owner=irisadmin@local.host;orig_id=Smp_144510.1;date_last_modif
ied=2022-08-01;Name=Smp_144510.1;product=Collagen alpha-3(VI)
chain;date_creation=2022-08-01
SM_V9_1 iris    exon    56055801        56055919        .       +
        .       Parent=Smp_144510.1;Name=3d364fe1-d93c-4cdb-
b253-669ccf4c166a
SM_V9_1 iris    exon    56059249        56059364        .       +
        .       Parent=Smp_144510.1;Name=2bfabd18-d4ad-4d83-9d02-
ad71810a1e4b
SM_V9_1 iris    exon    56061377        56061878        .       +
        .       Parent=Smp_144510.1;Name=da4657a0-
b3fc-459d-991f-579e39360acb
SM_V9_1 iris    exon    56063912        56064633        .       +
        .       Parent=Smp_144510.1;Name=795e5f17-74a6-4d79-b36b-
c1eea12d8636
SM_V9_1 iris    exon    56065925        56066544        .       +
        .       Parent=Smp_144510.1;Name=f2476e33-e44d-4efa-bd82-
a57b4026629e
SM_V9_1 iris    exon    56068207        56069441        .       +
        .       Parent=Smp_144510.1;Name=e2e6f4a7-
c81c-422b-9a7d-040b6b79097f
SM_V9_1 iris    CDS     56055847        56055919        .       +
        0       Parent=Smp_144510.1
SM_V9_1 iris    CDS     56059249        56059364        .       +
        2       Parent=Smp_144510.1
SM_V9_1 iris    CDS     56061377        56061878        .       +
        0       Parent=Smp_144510.1
SM_V9_1 iris    CDS     56063912        56064633        .       +
        2       Parent=Smp_144510.1
SM_V9_1 iris    CDS     56065925        56066544        .       +
        0       Parent=Smp_144510.1
SM_V9_1 iris    CDS     56068207        56069329        .       +
        1       Parent=Smp_144510.1
SM_V9_1 iris    gene    56078542        56081173        .       -
        .
ID=Smp_040990;geneID=Smp_040990;gene_name=Smp_040990;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    56078542        56081173        .       -
        .
ID=Smp_040990.1;Parent=Smp_040990;geneID=Smp_040990;gene_name=Smp_04
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ied=2022-08-01;Name=Smp_040990.1;product=Ribonuclease H2 subunit
C;date_creation=2022-08-01
SM_V9_1 iris    exon    56078542        56079065        .       -
        .
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SM_V9_1 iris    exon    56079107        56079211        .       -
        .       Parent=Smp_040990.1;Name=8e35ffa7-2f6d-49c7-8a22-
a35bdf79363a
SM_V9_1 iris    exon    56080331        56081173        .       -
        .       Parent=Smp_040990.1;Name=d9f75042-93b5-4a5f-
b956-1e6ea26e9b9b
SM_V9_1 iris    CDS     56078789        56079065        .       -
        1       Parent=Smp_040990.1
SM_V9_1 iris    CDS     56079107        56079211        .       -
        1       Parent=Smp_040990.1
SM_V9_1 iris    CDS     56080331        56080344        .       -
        0       Parent=Smp_040990.1
SM_V9_1 iris    gene    56095613        56096213        .       +
        .
ID=Smp_144500;geneID=Smp_144500;gene_name=Smp_144500;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    56095613        56096213        .       +
        .
ID=Smp_144500.1;Parent=Smp_144500;geneID=Smp_144500;gene_name=Smp_14
4500;owner=irisadmin@local.host;orig_id=Smp_144500.1;date_last_modif
ied=2022-08-01;Name=Smp_144500.1;product=NADPH-dependent 7-cyano-7-
deazaguanine reductase;date_creation=2022-08-01
SM_V9_1 iris    exon    56095613        56095623        .       +
        .       Parent=Smp_144500.1;Name=b671e5e6-dce8-4425-
b7e6-194d2f7be7d7
SM_V9_1 iris    exon    56095662        56095795        .       +
        .
Parent=Smp_144500.1;Name=eb187a71-61ec-4992-916c-3709bf0ffa36
SM_V9_1 iris    exon    56095834        56095888        .       +
        .       Parent=Smp_144500.1;Name=1f3f1b58-4aeb-474d-
a7d3-46491ab4fc89
SM_V9_1 iris    exon    56095925        56096213        .       +
        .       Parent=Smp_144500.1;Name=05ea27c8-379f-479f-b07d-
df641f33b590
SM_V9_1 iris    CDS     56095613        56095623        .       +
        0       Parent=Smp_144500.1
SM_V9_1 iris    CDS     56095662        56095795        .       +
        1       Parent=Smp_144500.1
SM_V9_1 iris    CDS     56095834        56095888        .       +
        2       Parent=Smp_144500.1
SM_V9_1 iris    CDS     56095925        56096075        .       +
        1       Parent=Smp_144500.1
SM_V9_1 iris    gene    56097405        56101117        .       -
        .
ID=Smp_144495;geneID=Smp_144495;gene_name=Smp_144495;owner=irisadmin
@local.host;date_last_modified=2022-07-28;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56097405        56101117        .       -
        .
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ID=Smp_144495.1;Parent=Smp_144495;geneID=Smp_144495;gene_name=Smp_14
4495;owner=irisadmin@local.host;orig_id=Smp_144490.2;date_last_modif
ied=2022-07-28;Name=Smp_144495.1;date_creation=2022-07-28
SM_V9_1 iris    exon    56097405        56097807        .       -
        .       Parent=Smp_144495.1;Name=Smp_144495.1-CDS
SM_V9_1 iris    exon    56098378        56098468        .       -
        .       Parent=Smp_144495.1;Name=9f6d9378-
ecbf-47c9-9c83-26be71536445
SM_V9_1 iris    exon    56101035        56101117        .       -
        .       Parent=Smp_144495.1;Name=0fa34cc2-42e0-40d5-a76c-
a6ef23f85de7
SM_V9_1 iris    CDS     56097705        56097807        .       -
        1       Parent=Smp_144495.1
SM_V9_1 iris    CDS     56098378        56098468        .       -
        2       Parent=Smp_144495.1
SM_V9_1 iris    CDS     56101035        56101071        .       -
        0       Parent=Smp_144495.1
SM_V9_1 iris    gene    56101779        56121162        .       -
        .
ID=Smp_144490;geneID=Smp_144490;gene_name=Smp_144490;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56101779        56121162        .       -
        .
ID=Smp_144490.1;Parent=Smp_144490;geneID=Smp_144490;gene_name=Smp_14
4490;owner=irisadmin@local.host;orig_id=Smp_144490.2;date_last_modif
ied=2022-08-01;Name=Smp_144490.1;product=Protein CHUP1,
chloroplastic;date_creation=2022-07-28
SM_V9_1 iris    exon    56101779        56101978        .       -
        .       Parent=Smp_144490.1;Name=Smp_144490.1-CDS
SM_V9_1 iris    exon    56103272        56103636        .       -
        .       Parent=Smp_144490.1;Name=92269654-e070-4b23-b6da-
c0fefb6133f0
SM_V9_1 iris    exon    56103866        56104264        .       -
        .       Parent=Smp_144490.1;Name=ec9ba6e3-5cee-4422-8c61-
b98bc8e90962
SM_V9_1 iris    exon    56105498        56105670        .       -
        .       Parent=Smp_144490.1;Name=261860af-d8a6-4e5b-
a056-2f54aa04e762
SM_V9_1 iris    exon    56109005        56109115        .       -
        .       Parent=Smp_144490.1;Name=535b9c82-3a0b-4eea-
a347-9d4ee3cd8c10
SM_V9_1 iris    exon    56110579        56110678        .       -
        .       Parent=Smp_144490.1;Name=ae6006e1-c90f-43ea-8581-
a60eb2928598
SM_V9_1 iris    exon    56113131        56113547        .       -
        .
Parent=Smp_144490.1;Name=8f9212ef-52ee-46c8-9b67-527275688bbf
SM_V9_1 iris    exon    56113628        56113759        .       -
        .       Parent=Smp_144490.1;Name=b585d371-b870-4dc9-
ab09-4faaef0226c5
SM_V9_1 iris    exon    56114651        56115147        .       -
        .       Parent=Smp_144490.1;Name=ac8fb672-5556-4f49-b15c-
e7bb471ca69b
SM_V9_1 iris    exon    56118105        56118924        .       -
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        .       Parent=Smp_144490.1;Name=690b178e-3942-43bf-
acc8-38775d70d272
SM_V9_1 iris    exon    56120252        56120476        .       -
        .       Parent=Smp_144490.1;Name=5f27f8c4-33a2-40c2-b0e8-
bf6f8ba9d5ce
SM_V9_1 iris    exon    56120513        56120771        .       -
        .       Parent=Smp_144490.1;Name=e09317e6-56bf-43c0-afbb-
f8eed1f1a432
SM_V9_1 iris    exon    56120807        56120836        .       -
        .       Parent=Smp_144490.1;Name=047faa00-
e18d-45f5-9ff9-73b2ce9c4d0d
SM_V9_1 iris    exon    56120869        56120960        .       -
        .       Parent=Smp_144490.1;Name=0afdd8eb-9af1-446f-8787-
c49edf518143
SM_V9_1 iris    exon    56121008        56121162        .       -
        .
Parent=Smp_144490.1;Name=d6b9442c-2088-4ff8-986b-2d93643935e6
SM_V9_1 iris    CDS     56101870        56101978        .       -
        1       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56103272        56103636        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56103866        56104264        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56105498        56105670        .       -
        2       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56109005        56109115        .       -
        2       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56110579        56110678        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56113131        56113547        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56113628        56113759        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56114651        56115147        .       -
        2       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56118105        56118924        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56120252        56120476        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56120513        56120771        .       -
        1       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56120807        56120836        .       -
        1       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56120869        56120960        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    CDS     56121008        56121118        .       -
        0       Parent=Smp_144490.1
SM_V9_1 iris    gene    56134098        56159432        .       -
        .
ID=Smp_040970;geneID=Smp_040970;gene_name=Smp_040970;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56134098        56159432        .       -
        .
ID=Smp_040970.1;Parent=Smp_040970;geneID=Smp_040970;gene_name=Smp_04
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0970;owner=irisadmin@local.host;orig_id=Smp_040970.1;date_last_modif
ied=2022-08-01;Name=Smp_040970.1;product=V-type proton ATPase 116
kDa subunit a isoform 1;date_creation=2022-07-28
SM_V9_1 iris    exon    56134098        56134671        .       -
        .       Parent=Smp_040970.1;Name=73b54adb-5206-46b3-97c4-
fe8ed6f288fe
SM_V9_1 iris    exon    56136517        56136688        .       -
        .       Parent=Smp_040970.1;Name=36b2b0a6-b851-4730-a8e9-
b0382fe735af
SM_V9_1 iris    exon    56138260        56138377        .       -
        .       Parent=Smp_040970.1;Name=943f868c-b582-42c2-
a979-5b4aa04521bf
SM_V9_1 iris    exon    56139084        56139290        .       -
        .       Parent=Smp_040970.1;Name=78d5c06d-432c-4d50-
a38a-55e496d796d2
SM_V9_1 iris    exon    56140228        56140332        .       -
        .       Parent=Smp_040970.1;Name=810ce63c-73c3-458e-
b1bf-6cdf83dd3b72
SM_V9_1 iris    exon    56142487        56142548        .       -
        .       Parent=Smp_040970.1;Name=039a1aca-
d29e-4692-9539-1c753972e4e8
SM_V9_1 iris    exon    56143229        56143380        .       -
        .       Parent=Smp_040970.1;Name=7392c5d4-e0ac-47ad-
bd0c-2aafeeea57f7
SM_V9_1 iris    exon    56144727        56145112        .       -
        .       Parent=Smp_040970.1;Name=391cba32-3c47-4808-
bb3d-366b0be8b328
SM_V9_1 iris    exon    56146754        56147330        .       -
        .       Parent=Smp_040970.1;Name=35cbca3a-d117-4ced-
a6bc-0c50c7506d01
SM_V9_1 iris    exon    56153432        56153514        .       -
        .       Parent=Smp_040970.1;Name=bed3652e-82fc-4da0-9251-
c496c07631d3
SM_V9_1 iris    exon    56155155        56155281        .       -
        .       Parent=Smp_040970.1;Name=d3b59918-d6af-41c6-
ba9b-308d962e0c58
SM_V9_1 iris    exon    56156805        56156908        .       -
        .       Parent=Smp_040970.1;Name=e9d8e920-
fe09-42f7-8433-1ab5a4c90471
SM_V9_1 iris    exon    56158891        56159117        .       -
        .       Parent=Smp_040970.1;Name=7b0187e4-a13f-4c74-8e9e-
b882d12ec2fb
SM_V9_1 iris    exon    56159152        56159230        .       -
        .       Parent=Smp_040970.1;Name=f6f0ae1c-33f8-4f76-bacf-
df04864b4b47
SM_V9_1 iris    exon    56159263        56159432        .       -
        .       Parent=Smp_040970.1;Name=352b50a4-f5f1-4ec3-
adc4-31c206de63d9
SM_V9_1 iris    CDS     56134581        56134671        .       -
        1       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56136517        56136688        .       -
        2       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56138260        56138377        .       -
        0       Parent=Smp_040970.1
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SM_V9_1 iris    CDS     56139084        56139290        .       -
        0       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56140228        56140332        .       -
        0       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56142487        56142548        .       -
        2       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56143229        56143380        .       -
        1       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56144727        56145112        .       -
        0       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56146754        56147330        .       -
        1       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56153432        56153514        .       -
        0       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56155155        56155281        .       -
        1       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56156805        56156908        .       -
        0       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56158891        56159117        .       -
        2       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56159152        56159230        .       -
        0       Parent=Smp_040970.1
SM_V9_1 iris    CDS     56159263        56159379        .       -
        0       Parent=Smp_040970.1
SM_V9_1 iris    gene    56184416        56203080        .       +
        .
ID=Smp_040960;geneID=Smp_040960;gene_name=Smp_040960;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56184416        56203080        .       +
        .
ID=Smp_040960.1;Parent=Smp_040960;geneID=Smp_040960;gene_name=Smp_04
0960;owner=irisadmin@local.host;orig_id=Smp_040960.2;date_last_modif
ied=2022-08-01;Name=Smp_040960.1;product=Zinc finger protein 90
homolog;date_creation=2022-07-28
SM_V9_1 iris    exon    56184416        56184551        .       +
        .
Parent=Smp_040960.1;Name=042f361e-7509-4af5-8c5d-7cfbbd76fcd2
SM_V9_1 iris    exon    56186678        56186864        .       +
        .       Parent=Smp_040960.1;Name=a3c961e4-3562-4043-8408-
a44a84126e44
SM_V9_1 iris    exon    56188653        56188707        .       +
        .       Parent=Smp_040960.1;Name=13bb3b5b-cd3f-451e-
ae64-3ac733d0dba0
SM_V9_1 iris    exon    56190993        56191079        .       +
        .       Parent=Smp_040960.1;Name=970d1953-377e-48e0-966b-
df4a6a9ebccf
SM_V9_1 iris    exon    56192045        56192131        .       +
        .       Parent=Smp_040960.1;Name=757943a4-
f1c6-4046-8e68-73d495bde12b
SM_V9_1 iris    exon    56193560        56193646        .       +
        .       Parent=Smp_040960.1;Name=042c446f-95a4-46ce-
b2dd-23a02b4c8f88
SM_V9_1 iris    exon    56194933        56195108        .       +
        .       Parent=Smp_040960.1;Name=c4aaaf20-c5bf-4fe6-8bf9-
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cfcc616c4311
SM_V9_1 iris    exon    56196113        56196173        .       +
        .       Parent=Smp_040960.1;Name=531eeb2c-
ecb8-41de-8c8e-92b0381dc4b9
SM_V9_1 iris    exon    56197394        56197480        .       +
        .       Parent=Smp_040960.1;Name=19e1df59-2368-4a2e-
b790-21b54922d092
SM_V9_1 iris    exon    56198583        56198672        .       +
        .       Parent=Smp_040960.1;Name=0160b102-8c0d-47e7-a05a-
c0e1f3d1cea7
SM_V9_1 iris    exon    56202494        56202601        .       +
        .       Parent=Smp_040960.1;Name=8d792c20-c28f-4563-
a1b6-592d5c715eba
SM_V9_1 iris    exon    56202689        56203080        .       +
        .
Parent=Smp_040960.1;Name=3d795654-6f3e-45d3-975d-8fdad86b13a5
SM_V9_1 iris    CDS     56186772        56186864        .       +
        0       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56188653        56188707        .       +
        0       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56190993        56191079        .       +
        2       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56192045        56192131        .       +
        2       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56193560        56193646        .       +
        2       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56194933        56195108        .       +
        2       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56196113        56196173        .       +
        0       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56197394        56197480        .       +
        2       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56198583        56198672        .       +
        2       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56202494        56202601        .       +
        2       Parent=Smp_040960.1
SM_V9_1 iris    CDS     56202689        56202738        .       +
        2       Parent=Smp_040960.1
SM_V9_1 Liftoff gene    56209906        56215304        .       +
        .       ID=Smp_319620;geneID=Smp_319620
SM_V9_1 Liftoff mRNA    56209906        56215304        .       +
        .
ID=Smp_319620.1;Parent=Smp_319620;geneID=Smp_319620;product=RNMT-
activating mini protein;polypeptide_domain=InterPro:IPR028271
Pfam:PF15320;Ontology_term=GO:0003723,GO:0005845,GO:0032259
SM_V9_1 Liftoff exon    56209906        56214211        .       +
        .       Parent=Smp_319620.1
SM_V9_1 Liftoff exon    56214249        56214292        .       +
        .       Parent=Smp_319620.1
SM_V9_1 Liftoff exon    56214336        56215304        .       +
        .       Parent=Smp_319620.1
SM_V9_1 Liftoff CDS     56214073        56214211        .       +
        0       Parent=Smp_319620.1
SM_V9_1 Liftoff CDS     56214249        56214292        .       +
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        2       Parent=Smp_319620.1
SM_V9_1 Liftoff CDS     56214336        56214386        .       +
        0       Parent=Smp_319620.1
SM_V9_1 Liftoff gene    56260557        56265042        .       -
        .       ID=Smp_144470;geneID=Smp_144470
SM_V9_1 Liftoff mRNA    56260557        56265042        .       -
        .
ID=Smp_144470.1;Parent=Smp_144470;geneID=Smp_144470;product=Spermidi
ne/putrescine import ATP-binding protein PotA
SM_V9_1 Liftoff exon    56260557        56262583        .       -
        .       Parent=Smp_144470.1
SM_V9_1 Liftoff exon    56264158        56264192        .       -
        .       Parent=Smp_144470.1
SM_V9_1 Liftoff exon    56264233        56265042        .       -
        .       Parent=Smp_144470.1
SM_V9_1 Liftoff CDS     56261363        56262583        .       -
        0       Parent=Smp_144470.1
SM_V9_1 Liftoff CDS     56264158        56264192        .       -
        2       Parent=Smp_144470.1
SM_V9_1 Liftoff CDS     56264233        56264986        .       -
        0       Parent=Smp_144470.1
SM_V9_1 iris    gene    56285426        56294283        .       +
        .
ID=Smp_196510;geneID=Smp_196510;gene_name=Smp_196510;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56285426        56294283        .       +
        .
ID=Smp_196510.1;Parent=Smp_196510;geneID=Smp_196510;gene_name=Smp_19
6510;owner=irisadmin@local.host;orig_id=Smp_196510.1;date_last_modif
ied=2022-08-01;Name=Smp_196510.1;product=Ubiquitin recognition
factor in ER-associated degradation protein
1;date_creation=2022-07-28
SM_V9_1 iris    exon    56285426        56285467        .       +
        .
Parent=Smp_196510.1;Name=9c752d56-1727-4143-8a72-76c42e4dbd84
SM_V9_1 iris    exon    56285500        56285605        .       +
        .       Parent=Smp_196510.1;Name=70901667-6f19-4990-b3bc-
cd893e9ee1ae
SM_V9_1 iris    exon    56285638        56285670        .       +
        .       Parent=Smp_196510.1;Name=6e7a3695-ca15-4090-
a307-97a4bed1000f
SM_V9_1 iris    exon    56285707        56285828        .       +
        .       Parent=Smp_196510.1;Name=4eeed209-a9e8-44cb-bc39-
ea05271d5611
SM_V9_1 iris    exon    56285860        56285990        .       +
        .       Parent=Smp_196510.1;Name=6a8e7b7a-1d89-4d37-9444-
f3e73ac37a87
SM_V9_1 iris    exon    56286024        56286165        .       +
        .       Parent=Smp_196510.1;Name=2107bf56-ec11-4299-
adcb-5a11f96a25ad
SM_V9_1 iris    exon    56286199        56286279        .       +
        .       Parent=Smp_196510.1;Name=97de84e5-
cafc-4028-8f72-20bb61b00cf9
SM_V9_1 iris    exon    56287357        56287401        .       +
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        .       Parent=Smp_196510.1;Name=3e31dde8-a6fa-4453-afd5-
af41ec96df45
SM_V9_1 iris    exon    56289186        56289289        .       +
        .       Parent=Smp_196510.1;Name=f88477cc-6ef8-415e-
b357-0345722e6759
SM_V9_1 iris    exon    56290587        56290659        .       +
        .
Parent=Smp_196510.1;Name=4f32e7d7-6a03-4e6b-90b5-489bdd573505
SM_V9_1 iris    exon    56293978        56294283        .       +
        .       Parent=Smp_196510.1;Name=6d827ce8-273d-47be-998e-
c31cf23efaa6
SM_V9_1 iris    CDS     56285459        56285467        .       +
        0       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56285500        56285605        .       +
        0       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56285638        56285670        .       +
        2       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56285707        56285828        .       +
        2       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56285860        56285990        .       +
        0       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56286024        56286165        .       +
        1       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56286199        56286279        .       +
        0       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56287357        56287401        .       +
        0       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56289186        56289289        .       +
        0       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56290587        56290659        .       +
        1       Parent=Smp_196510.1
SM_V9_1 iris    CDS     56293978        56294046        .       +
        0       Parent=Smp_196510.1
SM_V9_1 Liftoff gene    56305986        56319730        .       +
        .       ID=Smp_141480;geneID=Smp_141480
SM_V9_1 Liftoff mRNA    56305986        56319730        .       +
        .
ID=Smp_141480.1;Parent=Smp_141480;geneID=Smp_141480;product=npp-38;e
vidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_1 Liftoff exon    56305986        56306194        .       +
        .       Parent=Smp_141480.1
SM_V9_1 Liftoff exon    56319156        56319730        .       +
        .       Parent=Smp_141480.1
SM_V9_1 Liftoff CDS     56306156        56306194        .       +
        0       Parent=Smp_141480.1
SM_V9_1 Liftoff CDS     56319156        56319572        .       +
        0       Parent=Smp_141480.1
SM_V9_1 Liftoff gene    56336266        56361840        .       +
        .       ID=Smp_126530;geneID=Smp_126530
SM_V9_1 Liftoff mRNA    56336266        56361840        .       +
        .
ID=Smp_126530.1;Parent=Smp_126530;geneID=Smp_126530;product=Protein
C-ets-2 (Fragment);polypeptide_domain=InterPro:IPR000418,IPR011991
Pfam:PF00178;Ontology_term=GO:0003700,GO:0006355,GO:0043565
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SM_V9_1 Liftoff exon    56349057        56349639        .       +
        .       Parent=Smp_126530.1
SM_V9_1 Liftoff exon    56350606        56351435        .       +
        .       Parent=Smp_126530.1
SM_V9_1 Liftoff exon    56357096        56357286        .       +
        .       Parent=Smp_126530.1
SM_V9_1 Liftoff exon    56358707        56359148        .       +
        .       Parent=Smp_126530.1
SM_V9_1 Liftoff exon    56360601        56361840        .       +
        .       Parent=Smp_126530.1
SM_V9_1 Liftoff CDS     56337044        56337737        .       +
        0       Parent=Smp_126530.1
SM_V9_1 Liftoff CDS     56349057        56349639        .       +
        2       Parent=Smp_126530.1
SM_V9_1 Liftoff CDS     56350606        56351435        .       +
        1       Parent=Smp_126530.1
SM_V9_1 Liftoff CDS     56357096        56357286        .       +
        2       Parent=Smp_126530.1
SM_V9_1 Liftoff CDS     56358707        56359148        .       +
        0       Parent=Smp_126530.1
SM_V9_1 Liftoff CDS     56360601        56361361        .       +
        2       Parent=Smp_126530.1
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56364430        56470782        .       -
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ied=2022-08-01;Name=Smp_126540.1;product=Vegetative incompatibility
protein HET-E-1;date_creation=2022-07-28
SM_V9_1 iris    exon    56364430        56365133        .       -
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Parent=Smp_126540.1;Name=7305a255-9de1-4d2b-866e-2fffee0b3aed
SM_V9_1 iris    exon    56367822        56367925        .       -
        .       Parent=Smp_126540.1;Name=cc63d4d6-ae11-4391-8682-
ffa1e022f4d1
SM_V9_1 iris    exon    56369219        56369437        .       -
        .       Parent=Smp_126540.1;Name=408f2744-a191-4e30-a8b8-
c2bfdfb0f4a4
SM_V9_1 iris    exon    56374717        56374770        .       -
        .       Parent=Smp_126540.1;Name=139408f4-2522-4fed-
b677-40e2a2ec09b2
SM_V9_1 iris    exon    56380160        56380201        .       -
        .       Parent=Smp_126540.1;Name=aeab6cc9-e889-4bc4-a9b8-
d4aae7ada635
SM_V9_1 iris    exon    56382887        56383027        .       -
        .       Parent=Smp_126540.1;Name=4096bdb0-8ed4-4358-80a9-
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SM_V9_1 iris    exon    56385596        56385766        .       -
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Parent=Smp_126540.1;Name=d1449117-0bcd-49ec-9024-92139b9a2752
SM_V9_1 iris    exon    56386666        56386758        .       -
        .       Parent=Smp_126540.1;Name=3d4a1ec6-d403-4ddf-bac2-
fa8e56f37c87
SM_V9_1 iris    exon    56388842        56388937        .       -
        .       Parent=Smp_126540.1;Name=8e5c3eeb-d205-418a-aa4e-
e167213e9005
SM_V9_1 iris    exon    56390316        56390381        .       -
        .       Parent=Smp_126540.1;Name=416349cd-
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SM_V9_1 iris    exon    56418637        56418663        .       -
        .       Parent=Smp_126540.1;Name=f40f2fac-3b42-4be5-
ba49-32aa592dda41
SM_V9_1 iris    exon    56423309        56423374        .       -
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        .       Parent=Smp_126540.1;Name=1fc535d0-7201-4f2a-a90a-
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SM_V9_1 iris    exon    56427506        56427655        .       -
        .       Parent=Smp_126540.1;Name=b37c2e67-9d7e-41b2-
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SM_V9_1 iris    exon    56430711        56430839        .       -
        .       Parent=Smp_126540.1;Name=a16559b5-df26-445a-
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SM_V9_1 iris    exon    56443288        56443559        .       -
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SM_V9_1 iris    exon    56470518        56470782        .       -
        .
Parent=Smp_126540.1;Name=e011781c-5217-46a6-8fc7-4f3edaecb003
SM_V9_1 iris    CDS     56364896        56365133        .       -
        1       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56367822        56367925        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56369219        56369437        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56374717        56374770        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56380160        56380201        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56382887        56383027        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56385596        56385766        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56386666        56386758        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56388842        56388937        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56390316        56390381        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56418637        56418663        .       -
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SM_V9_1 iris    CDS     56423309        56423374        .       -
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        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56425938        56426006        .       -
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SM_V9_1 iris    CDS     56427506        56427655        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56430711        56430839        .       -
        0       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56443288        56443559        .       -
        2       Parent=Smp_126540.1
SM_V9_1 iris    CDS     56470518        56470629        .       -
        0       Parent=Smp_126540.1
SM_V9_1 Liftoff gene    56522150        56535625        .       +
        .       ID=Smp_008120;geneID=Smp_008120
SM_V9_1 Liftoff mRNA    56522150        56535625        .       +
        .
ID=Smp_008120.1;Parent=Smp_008120;geneID=Smp_008120;product=Mediator
of RNA polymerase II transcription subunit
6;polypeptide_domain=InterPro:IPR007018
Pfam:PF04934;Ontology_term=GO:0001104,GO:0006357,GO:0016592
SM_V9_1 Liftoff exon    56522150        56522599        .       +
        .       Parent=Smp_008120.1
SM_V9_1 Liftoff exon    56526947        56527117        .       +
        .       Parent=Smp_008120.1
SM_V9_1 Liftoff exon    56527871        56528200        .       +
        .       Parent=Smp_008120.1
SM_V9_1 Liftoff exon    56535128        56535625        .       +
        .       Parent=Smp_008120.1
SM_V9_1 Liftoff CDS     56522381        56522599        .       +
        0       Parent=Smp_008120.1
SM_V9_1 Liftoff CDS     56526947        56527117        .       +
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SM_V9_1 Liftoff CDS     56527871        56528200        .       +
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SM_V9_1 Liftoff CDS     56535128        56535289        .       +
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SM_V9_1 Liftoff gene    56554970        56592937        .       +
        .       ID=Smp_126560;geneID=Smp_126560
SM_V9_1 Liftoff mRNA    56554970        56592937        .       +
        .
ID=Smp_126560.1;Parent=Smp_126560;geneID=Smp_126560;product=Homeobox
protein
aristaless;polypeptide_domain=InterPro:IPR000047,IPR001356,IPR009057
,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    56554970        56556007        .       +
        .       Parent=Smp_126560.1
SM_V9_1 Liftoff exon    56561164        56561540        .       +
        .       Parent=Smp_126560.1
SM_V9_1 Liftoff exon    56570432        56571367        .       +
        .       Parent=Smp_126560.1
SM_V9_1 Liftoff exon    56590770        56591382        .       +
        .       Parent=Smp_126560.1
SM_V9_1 Liftoff exon    56592176        56592937        .       +
        .       Parent=Smp_126560.1
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SM_V9_1 Liftoff CDS     56554993        56556007        .       +
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SM_V9_1 Liftoff CDS     56561164        56561540        .       +
        2       Parent=Smp_126560.1
SM_V9_1 Liftoff CDS     56570432        56571367        .       +
        0       Parent=Smp_126560.1
SM_V9_1 Liftoff CDS     56590770        56591382        .       +
        0       Parent=Smp_126560.1
SM_V9_1 Liftoff CDS     56592176        56592528        .       +
        2       Parent=Smp_126560.1
SM_V9_1 Liftoff gene    56601391        56613356        .       -
        .       ID=Smp_008140;geneID=Smp_008140
SM_V9_1 Liftoff mRNA    56601391        56613356        .       -
        .
ID=Smp_008140.1;Parent=Smp_008140;geneID=Smp_008140;product=Ribosome
-recycling
factor;polypeptide_domain=InterPro:IPR000504;Ontology_term=GO:000367
6
SM_V9_1 Liftoff exon    56601391        56601878        .       -
        .       Parent=Smp_008140.1
SM_V9_1 Liftoff exon    56601920        56602031        .       -
        .       Parent=Smp_008140.1
SM_V9_1 Liftoff exon    56602081        56602140        .       -
        .       Parent=Smp_008140.1
SM_V9_1 Liftoff exon    56602186        56602289        .       -
        .       Parent=Smp_008140.1
SM_V9_1 Liftoff exon    56602804        56613356        .       -
        .       Parent=Smp_008140.1
SM_V9_1 Liftoff CDS     56601718        56601878        .       -
        2       Parent=Smp_008140.1
SM_V9_1 Liftoff CDS     56601920        56602031        .       -
        0       Parent=Smp_008140.1
SM_V9_1 Liftoff CDS     56602081        56602140        .       -
        0       Parent=Smp_008140.1
SM_V9_1 Liftoff CDS     56602186        56602289        .       -
        2       Parent=Smp_008140.1
SM_V9_1 Liftoff CDS     56602804        56602840        .       -
        0       Parent=Smp_008140.1
SM_V9_1 iris    gene    56634042        56646648        .       +
        .
ID=Smp_196230;geneID=Smp_196230;gene_name=Smp_196230;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56634042        56646648        .       +
        .
ID=Smp_196230.1;Parent=Smp_196230;geneID=Smp_196230;gene_name=Smp_19
6230;owner=irisadmin@local.host;orig_id=Smp_196230.3;date_last_modif
ied=2022-08-01;Name=Smp_196230.1;product=BAG family molecular
chaperone regulator 1;date_creation=2022-07-28
SM_V9_1 iris    exon    56634042        56634169        .       +
        .       Parent=Smp_196230.1;Name=23188e77-9460-4bfa-
a019-2a053e16a491
SM_V9_1 iris    exon    56634204        56634323        .       +
        .       Parent=Smp_196230.1;Name=b6296af4-0210-4458-9f46-
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SM_V9_1 iris    exon    56634359        56634438        .       +
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ea41f1c00edb
SM_V9_1 iris    exon    56634481        56634588        .       +
        .       Parent=Smp_196230.1;Name=14144c20-09d4-433e-
acc4-46eec7e180d9
SM_V9_1 iris    exon    56641382        56641549        .       +
        .       Parent=Smp_196230.1;Name=7d50ac7c-eca2-491f-
b585-4372c2b983f1
SM_V9_1 iris    exon    56646440        56646648        .       +
        .       Parent=Smp_196230.1;Name=04f3d5b7-
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SM_V9_1 iris    CDS     56634133        56634169        .       +
        0       Parent=Smp_196230.1
SM_V9_1 iris    CDS     56634204        56634323        .       +
        2       Parent=Smp_196230.1
SM_V9_1 iris    CDS     56634359        56634438        .       +
        2       Parent=Smp_196230.1
SM_V9_1 iris    CDS     56634481        56634588        .       +
        0       Parent=Smp_196230.1
SM_V9_1 iris    CDS     56641382        56641549        .       +
        0       Parent=Smp_196230.1
SM_V9_1 iris    CDS     56646440        56646505        .       +
        0       Parent=Smp_196230.1
SM_V9_1 Liftoff gene    56647265        56661526        .       -
        .       ID=Smp_126580;geneID=Smp_126580
SM_V9_1 Liftoff mRNA    56647265        56661526        .       -
        .
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activated potassium channel slowpoke
SM_V9_1 Liftoff exon    56647265        56647436        .       -
        .       Parent=Smp_126580.1
SM_V9_1 Liftoff exon    56647989        56648195        .       -
        .       Parent=Smp_126580.1
SM_V9_1 Liftoff exon    56648782        56648867        .       -
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SM_V9_1 Liftoff exon    56651441        56651942        .       -
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SM_V9_1 Liftoff exon    56653559        56653680        .       -
        .       Parent=Smp_126580.1
SM_V9_1 Liftoff exon    56655914        56655964        .       -
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SM_V9_1 Liftoff exon    56656850        56657024        .       -
        .       Parent=Smp_126580.1
SM_V9_1 Liftoff exon    56658561        56661526        .       -
        .       Parent=Smp_126580.1
SM_V9_1 Liftoff CDS     56647353        56647436        .       -
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SM_V9_1 Liftoff CDS     56647989        56648195        .       -
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SM_V9_1 Liftoff CDS     56648782        56648867        .       -
        2       Parent=Smp_126580.1
SM_V9_1 Liftoff CDS     56651441        56651942        .       -
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SM_V9_1 Liftoff CDS     56653559        56653680        .       -
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SM_V9_1 Liftoff CDS     56655914        56655964        .       -
        2       Parent=Smp_126580.1
SM_V9_1 Liftoff CDS     56656850        56657024        .       -
        0       Parent=Smp_126580.1
SM_V9_1 Liftoff CDS     56658561        56658782        .       -
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SM_V9_1 Liftoff gene    56661754        56679646        .       -
        .
ID=Smp_302020;geneID=Smp_302020;previous_systematic_id=Smp_008170
SM_V9_1 Liftoff mRNA    56661754        56679646        .       -
        .
ID=Smp_302020.1;Parent=Smp_302020;geneID=Smp_302020;product=Calcium-
activated potassium channel
slowpoke;polypeptide_domain=InterPro:IPR003148,IPR003929,IPR016040
Pfam:PF02254,PF03493;Ontology_term=GO:0006813,GO:0016020
SM_V9_1 Liftoff exon    56661754        56662127        .       -
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SM_V9_1 Liftoff exon    56664709        56664870        .       -
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SM_V9_1 Liftoff exon    56666125        56666234        .       -
        .       Parent=Smp_302020.1
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SM_V9_1 Liftoff exon    56668724        56668876        .       -
        .       Parent=Smp_302020.1
SM_V9_1 Liftoff exon    56671200        56671305        .       -
        .       Parent=Smp_302020.1
SM_V9_1 Liftoff exon    56672423        56679646        .       -
        .       Parent=Smp_302020.1
SM_V9_1 Liftoff CDS     56662085        56662127        .       -
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SM_V9_1 Liftoff CDS     56664709        56664870        .       -
        1       Parent=Smp_302020.1
SM_V9_1 Liftoff CDS     56666125        56666234        .       -
        0       Parent=Smp_302020.1
SM_V9_1 Liftoff CDS     56667890        56668066        .       -
        0       Parent=Smp_302020.1
SM_V9_1 Liftoff CDS     56668724        56668876        .       -
        0       Parent=Smp_302020.1
SM_V9_1 Liftoff CDS     56671200        56671305        .       -
        1       Parent=Smp_302020.1
SM_V9_1 Liftoff CDS     56672423        56672574        .       -
        0       Parent=Smp_302020.1
SM_V9_1 Liftoff gene    56679802        56702536        .       -
        .
ID=Smp_302030;geneID=Smp_302030;previous_systematic_id=Smp_008170
SM_V9_1 Liftoff mRNA    56679802        56702536        .       -
        .
ID=Smp_302030.1;Parent=Smp_302030;geneID=Smp_302030;product=DNA
polymerase gamma
SM_V9_1 Liftoff exon    56679802        56680591        .       -
        .       Parent=Smp_302030.1
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SM_V9_1 Liftoff exon    56684948        56702536        .       -
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SM_V9_1 Liftoff CDS     56680535        56680591        .       -
        0       Parent=Smp_302030.1
SM_V9_1 Liftoff CDS     56684948        56685196        .       -
        0       Parent=Smp_302030.1
SM_V9_1 iris    gene    56705782        56882951        .       +
        .
ID=Smp_302040;geneID=Smp_302040;gene_name=Smp_302040;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56705782        56882951        .       +
        .
ID=Smp_302040.1;Parent=Smp_302040;geneID=Smp_302040;gene_name=Smp_30
2040;owner=irisadmin@local.host;orig_id=Smp_302040.7;date_last_modif
ied=2022-08-01;Name=Smp_302040.1;product=Protein kinase C iota
type;date_creation=2022-07-28
SM_V9_1 iris    exon    56705782        56706863        .       +
        .       Parent=Smp_302040.1;Name=1c8e247e-7574-43bf-
aa9c-8ffc50bdd5ee
SM_V9_1 iris    exon    56762798        56763384        .       +
        .       Parent=Smp_302040.1;Name=dc694740-f290-47e1-809d-
e33a21154277
SM_V9_1 iris    exon    56773979        56774028        .       +
        .       Parent=Smp_302040.1;Name=8c9d7755-9058-42db-b30a-
df3da23727c6
SM_V9_1 iris    exon    56803365        56803422        .       +
        .       Parent=Smp_302040.1;Name=1e53fe98-
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SM_V9_1 iris    exon    56803522        56803862        .       +
        .       Parent=Smp_302040.1;Name=16fea56f-237c-4de5-b5f2-
f5b2868a0711
SM_V9_1 iris    exon    56814698        56814883        .       +
        .       Parent=Smp_302040.1;Name=b26aaeab-6c6f-4675-a12f-
c7d646a4d570
SM_V9_1 iris    exon    56816892        56817110        .       +
        .       Parent=Smp_302040.1;Name=4ce8cac9-b7ac-4a6e-bd7d-
da21307c93ab
SM_V9_1 iris    exon    56826366        56826434        .       +
        .       Parent=Smp_302040.1;Name=fd3e9c80-
f567-4123-9054-3bfb07f03f06
SM_V9_1 iris    exon    56833399        56833530        .       +
        .       Parent=Smp_302040.1;Name=3e860323-
be5a-4cd0-84ae-6dc46ee99c2c
SM_V9_1 iris    exon    56835027        56835143        .       +
        .
Parent=Smp_302040.1;Name=5c0294ad-96cc-4ec8-8b87-4235a3ce7821
SM_V9_1 iris    exon    56836732        56836876        .       +
        .       Parent=Smp_302040.1;Name=1437c315-3d82-4fda-a90e-
e573294644ec
SM_V9_1 iris    exon    56837741        56838071        .       +
        .
Parent=Smp_302040.1;Name=19844adf-4d58-4f2a-90f6-4d829f0cab50
SM_V9_1 iris    exon    56839605        56839767        .       +
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Parent=Smp_302040.1;Name=c324392a-4b2c-4e3d-8d1a-26de235772b6
SM_V9_1 iris    exon    56841690        56841801        .       +
        .       Parent=Smp_302040.1;Name=97153ba3-c2a9-443d-b99c-
d0ef3bc5926a
SM_V9_1 iris    exon    56842660        56842899        .       +
        .       Parent=Smp_302040.1;Name=085f5cbc-e80c-414b-
a4ad-195200c2fcf1
SM_V9_1 iris    exon    56844322        56844432        .       +
        .       Parent=Smp_302040.1;Name=9ceca266-ae24-41d6-
ba46-074179548054
SM_V9_1 iris    exon    56847183        56847476        .       +
        .       Parent=Smp_302040.1;Name=d8b0eae3-f868-4283-
a4ea-9048748682a2
SM_V9_1 iris    exon    56852872        56852982        .       +
        .       Parent=Smp_302040.1;Name=4c7c534e-
bf0a-4a4f-8e54-4b0fddd20a68
SM_V9_1 iris    exon    56856887        56856959        .       +
        .
Parent=Smp_302040.1;Name=4f75470a-9eb9-41eb-8a18-609b61aa7a5c
SM_V9_1 iris    exon    56859501        56859756        .       +
        .       Parent=Smp_302040.1;Name=6ee4ddb9-44ff-4b8c-
bd66-277ab011d947
SM_V9_1 iris    exon    56861194        56861484        .       +
        .       Parent=Smp_302040.1;Name=8d3ced66-
c60e-44dc-951a-331d2e45fb1f
SM_V9_1 iris    exon    56862636        56862870        .       +
        .       Parent=Smp_302040.1;Name=d5ca02d8-1a3c-47de-9aee-
ca8a40146b3f
SM_V9_1 iris    exon    56864027        56864199        .       +
        .       Parent=Smp_302040.1;Name=3c813367-2536-4d54-a655-
e3e76ab122e5
SM_V9_1 iris    exon    56865221        56865779        .       +
        .
Parent=Smp_302040.1;Name=ecc83ce9-252c-45ba-83a6-9a2b44874cd4
SM_V9_1 iris    exon    56866704        56866788        .       +
        .       Parent=Smp_302040.1;Name=bf6639cd-fce0-4881-
ac38-770bd62f6563
SM_V9_1 iris    exon    56867660        56868039        .       +
        .       Parent=Smp_302040.1;Name=5b20bf94-1350-4e8b-
be73-0c453b5a7193
SM_V9_1 iris    exon    56876170        56876252        .       +
        .       Parent=Smp_302040.1;Name=fb8e9afd-
c0d0-493b-9e1f-5a850fdf9a5c
SM_V9_1 iris    exon    56878587        56879147        .       +
        .
Parent=Smp_302040.1;Name=9b813549-9a1e-42c2-8663-4b4cd9f63fde
SM_V9_1 iris    exon    56879955        56880261        .       +
        .       Parent=Smp_302040.1;Name=95947c76-4132-411c-
b327-6d8b8041c1a7
SM_V9_1 iris    exon    56880857        56882951        .       +
        .       Parent=Smp_302040.1;Name=488cc5d3-b9c3-430c-9e6b-
e38bdaa9974d
SM_V9_1 iris    CDS     56706085        56706863        .       +
        0       Parent=Smp_302040.1
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SM_V9_1 iris    CDS     56762798        56763384        .       +
        1       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56773979        56774028        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56803365        56803422        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56803522        56803862        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56814698        56814883        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56816892        56817110        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56826366        56826434        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56833399        56833530        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56835027        56835143        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56836732        56836876        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56837741        56838071        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56839605        56839767        .       +
        1       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56841690        56841801        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56842660        56842899        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56844322        56844432        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56847183        56847476        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56852872        56852982        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56856887        56856959        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56859501        56859756        .       +
        1       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56861194        56861484        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56862636        56862870        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56864027        56864199        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56865221        56865779        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56866704        56866788        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56867660        56868039        .       +
        1       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56876170        56876252        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56878587        56879147        .       +
        0       Parent=Smp_302040.1
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SM_V9_1 iris    CDS     56879955        56880261        .       +
        0       Parent=Smp_302040.1
SM_V9_1 iris    CDS     56880857        56881461        .       +
        2       Parent=Smp_302040.1
SM_V9_1 iris    mRNA    56805879        56882951        .       +
        .
ID=Smp_302040.2;Parent=Smp_302040;geneID=Smp_302040;gene_name=Smp_30
2040;owner=irisadmin@local.host;orig_id=Smp_302040.1;date_last_modif
ied=2022-08-01;Name=Smp_302040.2;product=Protein kinase C iota
type;date_creation=2022-07-28
SM_V9_1 iris    exon    56805879        56806061        .       +
        .       Parent=Smp_302040.2;Name=a3b0ad7b-ffa2-4cf5-
bf40-1499e317b48c
SM_V9_1 iris    exon    56814698        56814883        .       +
        .       Parent=Smp_302040.2;Name=ad2debe4-8aaf-474c-
b92d-8106053c40b0
SM_V9_1 iris    exon    56816892        56817110        .       +
        .       Parent=Smp_302040.2;Name=617b01cb-f942-470f-
a2c8-4fd0ff929444
SM_V9_1 iris    exon    56826366        56826434        .       +
        .       Parent=Smp_302040.2;Name=bd605cc5-2450-4b56-
adda-713011b8789a
SM_V9_1 iris    exon    56833399        56833530        .       +
        .
Parent=Smp_302040.2;Name=7650e330-8226-4346-9ba2-7a7255fb9745
SM_V9_1 iris    exon    56835027        56835143        .       +
        .       Parent=Smp_302040.2;Name=6e69e0e5-f4d8-45c0-
a533-80fc740de9b5
SM_V9_1 iris    exon    56836732        56836876        .       +
        .       Parent=Smp_302040.2;Name=5965f8dc-c482-41f0-8bab-
b2bed5d6d030
SM_V9_1 iris    exon    56837741        56838071        .       +
        .       Parent=Smp_302040.2;Name=1fc2a091-36ba-4ad5-b25a-
fa9cddc08092
SM_V9_1 iris    exon    56839605        56839767        .       +
        .       Parent=Smp_302040.2;Name=f55a9421-e8a2-480b-
b125-8054ae2b2698
SM_V9_1 iris    exon    56841690        56841801        .       +
        .
Parent=Smp_302040.2;Name=6bad731d-03a1-4351-9e97-36413a320336
SM_V9_1 iris    exon    56842660        56842899        .       +
        .       Parent=Smp_302040.2;Name=0ec2a125-9294-4612-
bcff-327488fa48e5
SM_V9_1 iris    exon    56844322        56844432        .       +
        .
Parent=Smp_302040.2;Name=328e5f49-538b-4209-86a4-23f1ee437e66
SM_V9_1 iris    exon    56847183        56847476        .       +
        .       Parent=Smp_302040.2;Name=7333d930-48df-47de-
a4b0-2082e9b752df
SM_V9_1 iris    exon    56852872        56852982        .       +
        .
Parent=Smp_302040.2;Name=c0f72f84-3d65-4455-84d2-01120c6cc448
SM_V9_1 iris    exon    56856887        56856959        .       +
        .       Parent=Smp_302040.2;Name=6f747979-5553-46dc-903d-
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a26596f4ca9a
SM_V9_1 iris    exon    56859501        56859756        .       +
        .       Parent=Smp_302040.2;Name=968c5e25-
bf4b-4904-85ac-994b35484898
SM_V9_1 iris    exon    56861194        56861484        .       +
        .       Parent=Smp_302040.2;Name=c803b375-160a-42a2-
b951-1acfcc1e97b3
SM_V9_1 iris    exon    56862636        56862870        .       +
        .       Parent=Smp_302040.2;Name=c5fdcec6-ddb1-4755-
b75d-1a2160e48a77
SM_V9_1 iris    exon    56864027        56864199        .       +
        .
Parent=Smp_302040.2;Name=a8dcdd66-423d-42bf-991b-144b215e1d5d
SM_V9_1 iris    exon    56865221        56865779        .       +
        .       Parent=Smp_302040.2;Name=d90aad1a-236d-41a7-aaa6-
d12fb1ba8056
SM_V9_1 iris    exon    56866704        56866788        .       +
        .       Parent=Smp_302040.2;Name=116f3969-55b6-4c94-
ae73-3de396f378f2
SM_V9_1 iris    exon    56867660        56868039        .       +
        .       Parent=Smp_302040.2;Name=2db3d17a-85d0-4f99-
a5b1-8ea689597a9d
SM_V9_1 iris    exon    56876170        56876252        .       +
        .       Parent=Smp_302040.2;Name=a8d818c1-
c996-4f0a-9f8b-7f6ddbae5951
SM_V9_1 iris    exon    56878587        56879147        .       +
        .       Parent=Smp_302040.2;Name=6913d2a1-8f0e-4694-
afeb-418924715963
SM_V9_1 iris    exon    56879955        56880261        .       +
        .       Parent=Smp_302040.2;Name=7ec5f662-46e0-499f-8678-
e5947fe430e6
SM_V9_1 iris    exon    56880857        56882951        .       +
        .       Parent=Smp_302040.2;Name=ae0cae65-4bae-4a4c-
a4d3-7e24cdecb217
SM_V9_1 iris    CDS     56814776        56814883        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56816892        56817110        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56826366        56826434        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56833399        56833530        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56835027        56835143        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56836732        56836876        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56837741        56838071        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56839605        56839767        .       +
        1       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56841690        56841801        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56842660        56842899        .       +
        2       Parent=Smp_302040.2
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SM_V9_1 iris    CDS     56844322        56844432        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56847183        56847476        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56852872        56852982        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56856887        56856959        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56859501        56859756        .       +
        1       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56861194        56861484        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56862636        56862870        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56864027        56864199        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56865221        56865779        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56866704        56866788        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56867660        56868039        .       +
        1       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56876170        56876252        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56878587        56879147        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56879955        56880261        .       +
        0       Parent=Smp_302040.2
SM_V9_1 iris    CDS     56880857        56881461        .       +
        2       Parent=Smp_302040.2
SM_V9_1 iris    mRNA    56805879        56882951        .       +
        .
ID=Smp_302040.3;Parent=Smp_302040;geneID=Smp_302040;gene_name=Smp_30
2040;owner=irisadmin@local.host;date_last_modified=2022-08-01;Name=S
mp_302040.3;product=Protein kinase C iota
type;date_creation=2022-08-01
SM_V9_1 iris    exon    56805879        56806061        .       +
        .       Parent=Smp_302040.3;Name=119fdfa0-c318-40ff-
b568-5015b2e250e3
SM_V9_1 iris    exon    56814698        56814883        .       +
        .       Parent=Smp_302040.3;Name=7eb2ddde-acc2-40b2-bcb0-
cb3d71bed1cc
SM_V9_1 iris    exon    56816892        56817110        .       +
        .       Parent=Smp_302040.3;Name=c9425d55-a624-4a06-
a5ef-587d879340bb
SM_V9_1 iris    exon    56826366        56826434        .       +
        .       Parent=Smp_302040.3;Name=ed360f54-
b836-4d9a-9d17-32e3840ba9d4
SM_V9_1 iris    exon    56833399        56833530        .       +
        .       Parent=Smp_302040.3;Name=27d3b05c-40ea-4eba-b0c4-
d786702baec9
SM_V9_1 iris    exon    56835027        56835143        .       +
        .       Parent=Smp_302040.3;Name=33c1740c-
c386-417f-819a-709d5843cf0b
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SM_V9_1 iris    exon    56836732        56836876        .       +
        .       Parent=Smp_302040.3;Name=98e41b93-0c20-41a5-b576-
d763938f4fd8
SM_V9_1 iris    exon    56837741        56838071        .       +
        .       Parent=Smp_302040.3;Name=60b46ce6-9e01-4991-
ad9d-6119912030e5
SM_V9_1 iris    exon    56839605        56839767        .       +
        .       Parent=Smp_302040.3;Name=c3d2940e-7386-4e9f-
b831-19c1db446362
SM_V9_1 iris    exon    56841690        56841801        .       +
        .
Parent=Smp_302040.3;Name=95e1c385-71d6-48ee-8fc3-382c034828c4
SM_V9_1 iris    exon    56842660        56842899        .       +
        .       Parent=Smp_302040.3;Name=e2585d72-5bb5-40cf-ae3b-
daa441c0222e
SM_V9_1 iris    exon    56844322        56844432        .       +
        .       Parent=Smp_302040.3;Name=cc0230ea-8769-4f3e-b51e-
ffd1bbdfaa00
SM_V9_1 iris    exon    56847183        56847476        .       +
        .       Parent=Smp_302040.3;Name=ebf6d58f-d171-4c6a-
a2f4-01a4a04f0c38
SM_V9_1 iris    exon    56856887        56856959        .       +
        .       Parent=Smp_302040.3;Name=ab50cba5-7275-4963-
bea0-5b3654e28b60
SM_V9_1 iris    exon    56859501        56859756        .       +
        .
Parent=Smp_302040.3;Name=4afe634e-2582-4571-9abc-1c86c9fddaef
SM_V9_1 iris    exon    56861194        56861484        .       +
        .       Parent=Smp_302040.3;Name=c3ed3fed-37e5-4cde-9297-
bb99643e1d6b
SM_V9_1 iris    exon    56862636        56862870        .       +
        .       Parent=Smp_302040.3;Name=a4e3c313-1c8c-44c7-8e32-
b4af912fa572
SM_V9_1 iris    exon    56864027        56864199        .       +
        .       Parent=Smp_302040.3;Name=bb0bf5f7-
ff2a-4af8-8614-20ba19923570
SM_V9_1 iris    exon    56865221        56865779        .       +
        .       Parent=Smp_302040.3;Name=c9557852-175c-4ab3-
bac7-398b11591221
SM_V9_1 iris    exon    56866704        56866788        .       +
        .       Parent=Smp_302040.3;Name=c533af3e-ccc1-48df-
a122-60d5a5115910
SM_V9_1 iris    exon    56867660        56868039        .       +
        .       Parent=Smp_302040.3;Name=c7ba7e2d-
f1eb-4385-9021-2a2caaa9dc72
SM_V9_1 iris    exon    56876170        56876252        .       +
        .       Parent=Smp_302040.3;Name=389118c0-4f5d-484c-949c-
a24426314ca1
SM_V9_1 iris    exon    56878587        56879147        .       +
        .       Parent=Smp_302040.3;Name=ee307aea-cdcb-401a-8033-
d5dd6ac4f800
SM_V9_1 iris    exon    56879955        56880261        .       +
        .       Parent=Smp_302040.3;Name=e6d1ab2e-da6c-40b6-8464-
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SM_V9_1 iris    exon    56880857        56882951        .       +
        .       Parent=Smp_302040.3;Name=b50cccae-1dd3-4bbd-
a3c6-785632150be6
SM_V9_1 iris    CDS     56814776        56814883        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56816892        56817110        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56826366        56826434        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56833399        56833530        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56835027        56835143        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56836732        56836876        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56837741        56838071        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56839605        56839767        .       +
        1       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56841690        56841801        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56842660        56842899        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56844322        56844432        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56847183        56847476        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56856887        56856959        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56859501        56859756        .       +
        1       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56861194        56861484        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56862636        56862870        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56864027        56864199        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56865221        56865779        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56866704        56866788        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56867660        56868039        .       +
        1       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56876170        56876252        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56878587        56879147        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56879955        56880261        .       +
        0       Parent=Smp_302040.3
SM_V9_1 iris    CDS     56880857        56881461        .       +
        2       Parent=Smp_302040.3
SM_V9_1 iris    gene    56891550        56915134        .       +
        .
ID=Smp_008220;geneID=Smp_008220;gene_name=Smp_008220;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    56891550        56915134        .       +
        .
ID=Smp_008220.1;Parent=Smp_008220;geneID=Smp_008220;gene_name=Smp_00
8220;owner=irisadmin@local.host;orig_id=Smp_008220.1;date_last_modif
ied=2022-08-01;Name=Smp_008220.1;product=Probable
palmitoyltransferase ZDHHC11;date_creation=2022-07-28
SM_V9_1 iris    exon    56891550        56891838        .       +
        .       Parent=Smp_008220.1;Name=17d3c124-9f67-45bd-
bef1-2cd2546d9970
SM_V9_1 iris    exon    56891875        56892053        .       +
        .       Parent=Smp_008220.1;Name=9d0bdb0b-
d6da-4890-8910-7b8db7f3e439
SM_V9_1 iris    exon    56892837        56893015        .       +
        .       Parent=Smp_008220.1;Name=25ed1c92-83ec-4a71-b5a6-
d841d3226ea6
SM_V9_1 iris    exon    56895173        56895277        .       +
        .       Parent=Smp_008220.1;Name=75eb1341-9c76-4407-b9a1-
c24e49803b39
SM_V9_1 iris    exon    56896282        56896406        .       +
        .       Parent=Smp_008220.1;Name=6eb23b5f-
d41b-4f5f-97bd-90d6493bcc7c
SM_V9_1 iris    exon    56904698        56904757        .       +
        .
Parent=Smp_008220.1;Name=1ff85634-9f86-4e51-8f47-17203ba8c896
SM_V9_1 iris    exon    56906219        56906350        .       +
        .       Parent=Smp_008220.1;Name=5a7fef30-15b1-4827-
a2ca-14b31514503c
SM_V9_1 iris    exon    56908327        56908763        .       +
        .
Parent=Smp_008220.1;Name=0451537b-1d1b-425a-871f-714ef4fb4ed1
SM_V9_1 iris    exon    56910950        56910993        .       +
        .
Parent=Smp_008220.1;Name=6e497b34-0ba0-48be-85a1-750c4c9a5444
SM_V9_1 iris    exon    56913374        56913596        .       +
        .       Parent=Smp_008220.1;Name=6c75aa6a-8d30-4ecc-9ecf-
bbaa20d87d78
SM_V9_1 iris    exon    56914566        56915134        .       +
        .       Parent=Smp_008220.1;Name=6f1bc43c-5b34-4ca9-9731-
fa1e9022a269
SM_V9_1 iris    CDS     56891892        56892053        .       +
        0       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56892837        56893015        .       +
        0       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56895173        56895277        .       +
        1       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56896282        56896406        .       +
        1       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56904698        56904757        .       +
        2       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56906219        56906350        .       +
        2       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56908327        56908763        .       +
        2       Parent=Smp_008220.1
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SM_V9_1 iris    CDS     56910950        56910993        .       +
        0       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56913374        56913596        .       +
        1       Parent=Smp_008220.1
SM_V9_1 iris    CDS     56914566        56914583        .       +
        0       Parent=Smp_008220.1
SM_V9_1 Liftoff gene    56925324        56937644        .       +
        .       ID=Smp_008230;geneID=Smp_008230
SM_V9_1 Liftoff mRNA    56925324        56937644        .       +
        .
ID=Smp_008230.1;Parent=Smp_008230;geneID=Smp_008230;product=Ras-
related protein
Rab-18;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    56925324        56928688        .       +
        .       Parent=Smp_008230.1
SM_V9_1 Liftoff exon    56928727        56928782        .       +
        .       Parent=Smp_008230.1
SM_V9_1 Liftoff exon    56928826        56928890        .       +
        .       Parent=Smp_008230.1
SM_V9_1 Liftoff exon    56929351        56929423        .       +
        .       Parent=Smp_008230.1
SM_V9_1 Liftoff exon    56933565        56933683        .       +
        .       Parent=Smp_008230.1
SM_V9_1 Liftoff exon    56936688        56937644        .       +
        .       Parent=Smp_008230.1
SM_V9_1 Liftoff CDS     56928612        56928688        .       +
        0       Parent=Smp_008230.1
SM_V9_1 Liftoff CDS     56928727        56928782        .       +
        1       Parent=Smp_008230.1
SM_V9_1 Liftoff CDS     56928826        56928890        .       +
        2       Parent=Smp_008230.1
SM_V9_1 Liftoff CDS     56929351        56929423        .       +
        0       Parent=Smp_008230.1
SM_V9_1 Liftoff CDS     56933565        56933683        .       +
        2       Parent=Smp_008230.1
SM_V9_1 Liftoff CDS     56936688        56936933        .       +
        0       Parent=Smp_008230.1
SM_V9_1 Liftoff gene    56940154        56970970        .       -
        .       ID=Smp_126620;geneID=Smp_126620
SM_V9_1 Liftoff mRNA    56940154        56970970        .       -
        .
ID=Smp_126620.1;Parent=Smp_126620;geneID=Smp_126620;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    56940154        56940859        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56945488        56945637        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56947014        56947132        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56948505        56948556        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56949390        56949590        .       -
        .       Parent=Smp_126620.1
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SM_V9_1 Liftoff exon    56952464        56953045        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56958784        56958834        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56960099        56960251        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56963094        56963265        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56968257        56968424        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff exon    56970445        56970970        .       -
        .       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56940696        56940859        .       -
        2       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56945488        56945637        .       -
        2       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56947014        56947132        .       -
        1       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56948505        56948556        .       -
        2       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56949390        56949590        .       -
        2       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56952464        56953045        .       -
        2       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56958784        56958834        .       -
        2       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56960099        56960251        .       -
        2       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56963094        56963265        .       -
        0       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56968257        56968424        .       -
        0       Parent=Smp_126620.1
SM_V9_1 Liftoff CDS     56970445        56970504        .       -
        0       Parent=Smp_126620.1
SM_V9_1 Liftoff gene    56976894        57001837        .       +
        .       ID=Smp_008260;geneID=Smp_008260
SM_V9_1 Liftoff mRNA    56976894        57001837        .       +
        .
ID=Smp_008260.1;Parent=Smp_008260;geneID=Smp_008260;product=Glycogen
synthase kinase-3
alpha;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0
17441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    56976894        56976976        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff exon    56977015        56977202        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff exon    56981420        56981503        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff exon    56983996        56984106        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff exon    56987033        56987163        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff exon    56988175        56988281        .       +
        .       Parent=Smp_008260.1
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SM_V9_1 Liftoff exon    56989223        56989416        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff exon    56994794        56994980        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff exon    56999709        57001837        .       +
        .       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56976970        56976976        .       +
        0       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56977015        56977202        .       +
        2       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56981420        56981503        .       +
        0       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56983996        56984106        .       +
        0       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56987033        56987163        .       +
        0       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56988175        56988281        .       +
        1       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56989223        56989416        .       +
        2       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56994794        56994980        .       +
        0       Parent=Smp_008260.1
SM_V9_1 Liftoff CDS     56999709        57000091        .       +
        2       Parent=Smp_008260.1
SM_V9_1 Liftoff gene    57009933        57046590        .       -
        .
ID=Smp_342240;geneID=Smp_342240;previous_systematic_id=Smp_126630
SM_V9_1 Liftoff mRNA    57009933        57046590        .       -
        .
ID=Smp_342240.1;Parent=Smp_342240;geneID=Smp_342240;product=Transcri
ption factor tau subunit
sfc6;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_term=G
O:0005515
SM_V9_1 Liftoff exon    57009933        57011637        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57013535        57013597        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57014590        57014985        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57033078        57033203        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57034921        57035225        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57038814        57038969        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57040717        57040800        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57042308        57042633        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57043860        57044082        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57044118        57044215        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57044251        57044328        .       -
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        .       Parent=Smp_342240.1
SM_V9_1 Liftoff exon    57044363        57046590        .       -
        .       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57011119        57011637        .       -
        0       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57013535        57013597        .       -
        0       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57014590        57014985        .       -
        0       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57033078        57033203        .       -
        0       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57034921        57035225        .       -
        2       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57038814        57038969        .       -
        2       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57040717        57040800        .       -
        2       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57042308        57042633        .       -
        1       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57043860        57044082        .       -
        2       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57044118        57044215        .       -
        1       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57044251        57044328        .       -
        1       Parent=Smp_342240.1
SM_V9_1 Liftoff CDS     57044363        57044838        .       -
        0       Parent=Smp_342240.1
SM_V9_1 Liftoff mRNA    57021467        57046590        .       -
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ption factor tau subunit
sfc6;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_term=G
O:0005515
SM_V9_1 Liftoff exon    57021467        57021758        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57033078        57033203        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57034921        57035225        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57038814        57038969        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57040717        57040800        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57042308        57042633        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57043860        57044082        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57044118        57044215        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57044251        57044328        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff exon    57044363        57046590        .       -
        .       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57021660        57021758        .       -
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        0       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57033078        57033203        .       -
        0       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57034921        57035225        .       -
        2       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57038814        57038969        .       -
        2       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57040717        57040800        .       -
        2       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57042308        57042633        .       -
        1       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57043860        57044082        .       -
        2       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57044118        57044215        .       -
        1       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57044251        57044328        .       -
        1       Parent=Smp_342240.2
SM_V9_1 Liftoff CDS     57044363        57044838        .       -
        0       Parent=Smp_342240.2
SM_V9_1 iris    gene    57056244        57116277        .       +
        .
ID=Smp_008290;geneID=Smp_008290;gene_name=Smp_008290;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57056244        57116277        .       +
        .
ID=Smp_008290.1;Parent=Smp_008290;geneID=Smp_008290;gene_name=Smp_00
8290;owner=irisadmin@local.host;orig_id=Smp_008290.1;date_last_modif
ied=2022-08-01;Name=Smp_008290.1;product=Trafficking protein
particle complex subunit 9;date_creation=2022-07-28
SM_V9_1 iris    exon    57056244        57056480        .       +
        .       Parent=Smp_008290.1;Name=6d46c801-d721-4a56-9252-
de392581e182
SM_V9_1 iris    exon    57057965        57058224        .       +
        .
Parent=Smp_008290.1;Name=b6ab64f5-57e5-4c63-8b2a-002e3a635b35
SM_V9_1 iris    exon    57059974        57060096        .       +
        .       Parent=Smp_008290.1;Name=c8ea41b4-c7d2-4a66-
abcb-3b93f9776a19
SM_V9_1 iris    exon    57061243        57061703        .       +
        .
Parent=Smp_008290.1;Name=eb037066-1470-4f2c-9aff-2190926f062f
SM_V9_1 iris    exon    57071843        57071991        .       +
        .       Parent=Smp_008290.1;Name=cbb93a4a-
a668-4b14-8f0c-37fb014d30f7
SM_V9_1 iris    exon    57073689        57073853        .       +
        .       Parent=Smp_008290.1;Name=c62b32fe-1614-421d-9a62-
a366436996bd
SM_V9_1 iris    exon    57075167        57075282        .       +
        .       Parent=Smp_008290.1;Name=8172eb72-
cf4f-4107-8a49-1663c90a8db8
SM_V9_1 iris    exon    57076891        57076959        .       +
        .
Parent=Smp_008290.1;Name=062ac4b0-39a8-4abd-9e3c-337c0bc508dd
SM_V9_1 iris    exon    57078198        57078266        .       +
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        .       Parent=Smp_008290.1;Name=3ba5108a-e935-422c-badd-
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SM_V9_1 iris    exon    57084388        57085070        .       +
        .       Parent=Smp_008290.1;Name=8ec544bd-be50-4461-
b10c-4ef80e45c820
SM_V9_1 iris    exon    57086370        57086690        .       +
        .       Parent=Smp_008290.1;Name=9896ee4e-4401-47e5-
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SM_V9_1 iris    exon    57088312        57088541        .       +
        .       Parent=Smp_008290.1;Name=0bf138f6-4f2a-4f90-
ab66-2c37d320f2f6
SM_V9_1 iris    exon    57091259        57091344        .       +
        .       Parent=Smp_008290.1;Name=7d4b1266-4d66-4f7d-9b8b-
c62b0bbf115b
SM_V9_1 iris    exon    57094947        57095210        .       +
        .       Parent=Smp_008290.1;Name=ae7e9dbe-
ffc4-40ff-9fc7-527fb050ab19
SM_V9_1 iris    exon    57095844        57096071        .       +
        .
Parent=Smp_008290.1;Name=76db1fe6-77b3-41ec-9efb-884c5fcbb8a4
SM_V9_1 iris    exon    57096727        57097224        .       +
        .       Parent=Smp_008290.1;Name=9a863c3e-557b-4204-
a409-6740f324d4f2
SM_V9_1 iris    exon    57100556        57100822        .       +
        .       Parent=Smp_008290.1;Name=56df3add-a149-43d0-
b287-8c29746d1eb1
SM_V9_1 iris    exon    57105183        57105728        .       +
        .       Parent=Smp_008290.1;Name=93f06400-b864-4306-
b722-9d9d5dd7cf1e
SM_V9_1 iris    exon    57106071        57106502        .       +
        .
Parent=Smp_008290.1;Name=a32b5624-93a6-44e7-9224-261f6f93d9f7
SM_V9_1 iris    exon    57108599        57108860        .       +
        .       Parent=Smp_008290.1;Name=d3e71198-ef8d-43ab-9aaf-
fef4d416daf3
SM_V9_1 iris    exon    57110099        57110548        .       +
        .       Parent=Smp_008290.1;Name=3b506579-c63b-4824-
b532-307bcb627495
SM_V9_1 iris    exon    57114565        57114785        .       +
        .       Parent=Smp_008290.1;Name=234507f0-2e67-49b4-85d8-
f9208a432cb6
SM_V9_1 iris    exon    57114894        57116277        .       +
        .       Parent=Smp_008290.1;Name=c1814cf9-9b56-4220-
b7d4-4e74338358ef
SM_V9_1 iris    CDS     57056327        57056480        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57057965        57058224        .       +
        2       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57059974        57060096        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57061243        57061703        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57071843        57071991        .       +
        1       Parent=Smp_008290.1
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SM_V9_1 iris    CDS     57073689        57073853        .       +
        2       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57075167        57075282        .       +
        2       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57076891        57076959        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57078198        57078266        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57084388        57085070        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57086370        57086690        .       +
        1       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57088312        57088541        .       +
        1       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57091259        57091344        .       +
        2       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57094947        57095210        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57095844        57096071        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57096727        57097224        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57100556        57100822        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57105183        57105728        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57106071        57106502        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57108599        57108860        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57110099        57110548        .       +
        2       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57114565        57114785        .       +
        2       Parent=Smp_008290.1
SM_V9_1 iris    CDS     57114894        57115160        .       +
        0       Parent=Smp_008290.1
SM_V9_1 iris    gene    57125388        57152458        .       +
        .
ID=Smp_126640;geneID=Smp_126640;gene_name=Smp_126640;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57125388        57152458        .       +
        .
ID=Smp_126640.1;Parent=Smp_126640;geneID=Smp_126640;gene_name=Smp_12
6640;owner=irisadmin@local.host;orig_id=Smp_126640.1;date_last_modif
ied=2022-08-01;Name=Smp_126640.1;product=Lachesin;date_creation=2022
-07-28
SM_V9_1 iris    exon    57125388        57125643        .       +
        .       Parent=Smp_126640.1;Name=baf6f8ae-65f7-44ea-ba67-
a83756bbcf22
SM_V9_1 iris    exon    57129006        57129118        .       +
        .
Parent=Smp_126640.1;Name=b3fa0d2d-6b4d-44de-980d-200e5ed8df7e
SM_V9_1 iris    exon    57131998        57132096        .       +
        .       Parent=Smp_126640.1;Name=6c4f6763-
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c8c5-4eff-9858-03a2a6bc825f
SM_V9_1 iris    exon    57133940        57134069        .       +
        .
Parent=Smp_126640.1;Name=1306695b-5106-43d1-8a4a-4b386632f5de
SM_V9_1 iris    exon    57136912        57137109        .       +
        .       Parent=Smp_126640.1;Name=630086e8-d445-4972-
ac6c-3d7f439d7113
SM_V9_1 iris    exon    57138652        57138780        .       +
        .       Parent=Smp_126640.1;Name=e846dbc4-e0c6-45ca-9ef5-
cd8f1a65b74d
SM_V9_1 iris    exon    57141372        57141554        .       +
        .
Parent=Smp_126640.1;Name=7c03ecef-9404-4824-853e-249abeb18a5f
SM_V9_1 iris    exon    57143032        57143178        .       +
        .       Parent=Smp_126640.1;Name=f4792ca1-7b1d-47d8-8cdc-
ebedcfabec54
SM_V9_1 iris    exon    57145331        57145372        .       +
        .       Parent=Smp_126640.1;Name=15b974d9-9ea9-430b-
aad7-8930bf8f5b8c
SM_V9_1 iris    exon    57147238        57147375        .       +
        .       Parent=Smp_126640.1;Name=202ef23c-a1d7-447d-80fd-
f211fc23146d
SM_V9_1 iris    exon    57152246        57152458        .       +
        .       Parent=Smp_126640.1;Name=9e6ab360-58c5-4e54-908c-
aaacf1457af4
SM_V9_1 iris    CDS     57125577        57125643        .       +
        0       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57129006        57129118        .       +
        2       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57131998        57132096        .       +
        0       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57133940        57134069        .       +
        0       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57136912        57137109        .       +
        2       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57138652        57138780        .       +
        2       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57141372        57141554        .       +
        2       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57143032        57143178        .       +
        2       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57145331        57145372        .       +
        2       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57147238        57147375        .       +
        2       Parent=Smp_126640.1
SM_V9_1 iris    CDS     57152246        57152352        .       +
        2       Parent=Smp_126640.1
SM_V9_1 Liftoff gene    57153055        57159157        .       -
        .       ID=Smp_008310;geneID=Smp_008310
SM_V9_1 Liftoff mRNA    57153055        57159157        .       -
        .
ID=Smp_008310.1;Parent=Smp_008310;geneID=Smp_008310;product=Succinat
e dehydrogenase cytochrome b560 subunit,
mitochondrial;polypeptide_domain=InterPro:IPR000701,IPR014314,IPR018
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495,IPR034804
Pfam:PF01127;Ontology_term=GO:0000104,GO:0006099,GO:0009055,GO:00160
20,GO:0016627,GO:0045281
SM_V9_1 Liftoff exon    57153055        57153608        .       -
        .       Parent=Smp_008310.1
SM_V9_1 Liftoff exon    57157982        57158145        .       -
        .       Parent=Smp_008310.1
SM_V9_1 Liftoff exon    57158762        57159060        .       -
        .       Parent=Smp_008310.1
SM_V9_1 Liftoff exon    57159095        57159157        .       -
        .       Parent=Smp_008310.1
SM_V9_1 Liftoff CDS     57153498        57153608        .       -
        0       Parent=Smp_008310.1
SM_V9_1 Liftoff CDS     57157982        57158145        .       -
        2       Parent=Smp_008310.1
SM_V9_1 Liftoff CDS     57158762        57159060        .       -
        1       Parent=Smp_008310.1
SM_V9_1 Liftoff CDS     57159095        57159099        .       -
        0       Parent=Smp_008310.1
SM_V9_1 iris    gene    57182810        57191861        .       -
        .
ID=Smp_008320;geneID=Smp_008320;gene_name=Smp_008320;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57182810        57191861        .       -
        .
ID=Smp_008320.1;Parent=Smp_008320;geneID=Smp_008320;gene_name=Smp_00
8320;owner=irisadmin@local.host;orig_id=Smp_008320.1;date_last_modif
ied=2022-08-01;Name=Smp_008320.1;product=3'(2'),5'-bisphosphate
nucleotidase 1;date_creation=2022-08-01
SM_V9_1 iris    exon    57182810        57183576        .       -
        .       Parent=Smp_008320.1;Name=b2d71613-
df29-429b-89c3-57eab5307be4
SM_V9_1 iris    exon    57187942        57188256        .       -
        .
Parent=Smp_008320.1;Name=0ef99985-5850-4f68-8f10-09924aba9206
SM_V9_1 iris    exon    57188393        57188550        .       -
        .
Parent=Smp_008320.1;Name=888969cb-3848-4635-9e18-69c384f7ccab
SM_V9_1 iris    exon    57188588        57188799        .       -
        .       Parent=Smp_008320.1;Name=1437d235-55e4-45b3-8956-
bb1cdf5b9bfe
SM_V9_1 iris    exon    57191760        57191861        .       -
        .       Parent=Smp_008320.1;Name=5023a5af-f545-4cfc-8f6d-
ce978482fa2b
SM_V9_1 iris    CDS     57183280        57183576        .       -
        0       Parent=Smp_008320.1
SM_V9_1 iris    CDS     57187942        57188256        .       -
        0       Parent=Smp_008320.1
SM_V9_1 iris    CDS     57188393        57188550        .       -
        2       Parent=Smp_008320.1
SM_V9_1 iris    CDS     57188588        57188795        .       -
        0       Parent=Smp_008320.1
SM_V9_1 iris    non_canonical_five_prime_splice_site    57191758
        57191758        .       -       .       ID=Smp_008320.1-
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non_canonical_five_prime_splice_site-57191757;Name=Smp_008320.1-
non_canonical_five_prime_splice_site-57191757
SM_V9_1 iris    gene    57193844        57229002        .       +
       .
ID=Smp_340170;geneID=Smp_340170;gene_name=Smp_340170;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57193844        57229002        .       +
       .
ID=Smp_340170.1;Parent=Smp_340170;geneID=Smp_340170;gene_name=Smp_34
0170;owner=irisadmin@local.host;orig_id=Smp_340170.2;date_last_modif
ied=2022-08-01;Name=Smp_340170.1;product=5'-nucleotidase domain-
containing protein 3;date_creation=2022-07-28
SM_V9_1 iris    exon    57193844        57194276        .       +
       .       Parent=Smp_340170.1;Name=06d40630-71a4-4fd2-
b819-9095d6fceca0
SM_V9_1 iris    exon    57195612        57195860        .       +
       .       Parent=Smp_340170.1;Name=3749a678-45f1-4152-a25b-
dfdd26b6cfa9
SM_V9_1 iris    exon    57200621        57200799        .       +
       .       Parent=Smp_340170.1;Name=48912ae2-03d7-4fba-
ab87-44f167c4202e
SM_V9_1 iris    exon    57203679        57203750        .       +
       .       Parent=Smp_340170.1;Name=4167ae4c-8fdd-4399-89a9-
e189f6f450d1
SM_V9_1 iris    exon    57204381        57204530        .       +
       .
Parent=Smp_340170.1;Name=5d3ab729-0dec-427b-93f6-56869a9b4514
SM_V9_1 iris    exon    57208256        57208327        .       +
       .       Parent=Smp_340170.1;Name=781bf012-ca4f-4434-
b96f-3eff41270755
SM_V9_1 iris    exon    57211657        57211713        .       +
       .       Parent=Smp_340170.1;Name=2110249b-f87c-42da-90c6-
c3e24461f77d
SM_V9_1 iris    exon    57212931        57212991        .       +
       .       Parent=Smp_340170.1;Name=8eb43942-
faa5-44c2-8ae7-0a1173008ba8
SM_V9_1 iris    exon    57213543        57213645        .       +
       .       Parent=Smp_340170.1;Name=05bb8a57-29ba-4d47-
be7b-3831e8894ee3
SM_V9_1 iris    exon    57214841        57214942        .       +
       .
Parent=Smp_340170.1;Name=7638835e-5ba6-4e94-9a92-6bd561ebbced
SM_V9_1 iris    exon    57217639        57217723        .       +
       .       Parent=Smp_340170.1;Name=344a3720-ea01-45e0-a6d4-
b6f350c0a4aa
SM_V9_1 iris    exon    57219954        57220040        .       +
       .       Parent=Smp_340170.1;Name=ad6c9517-89fa-4339-
a00a-979d521633a7
SM_V9_1 iris    exon    57223217        57223357        .       +
       .       Parent=Smp_340170.1;Name=ccc63edc-41ae-42bf-
a32b-080735e7c024
SM_V9_1 iris    exon    57228527        57229002        .       +
       .       Parent=Smp_340170.1;Name=d48932fe-6afc-4b89-b53e-
a9f1a79e9ac6
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SM_V9_1 iris    CDS     57195698        57195860        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57200621        57200799        .       +
        2       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57203679        57203750        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57204381        57204530        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57208256        57208327        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57211657        57211713        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57212931        57212991        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57213543        57213645        .       +
        2       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57214841        57214942        .       +
        1       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57217639        57217723        .       +
        1       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57219954        57220040        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57223217        57223357        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    CDS     57228527        57228784        .       +
        0       Parent=Smp_340170.1
SM_V9_1 iris    gene    57238603        57239748        .       +
        .
ID=Smp_008360;geneID=Smp_008360;gene_name=Smp_008360;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57238603        57239748        .       +
        .
ID=Smp_008360.1;Parent=Smp_008360;geneID=Smp_008360;gene_name=Smp_00
8360;owner=irisadmin@local.host;orig_id=Smp_008360.1;date_last_modif
ied=2022-08-01;Name=Smp_008360.1;product=Adenosine kinase
2;date_creation=2022-07-28
SM_V9_1 iris    exon    57238603        57239127        .       +
        .       Parent=Smp_008360.1;Name=66abbda3-6408-49c4-
ba78-313ea5bb7d8c
SM_V9_1 iris    exon    57239163        57239748        .       +
        .       Parent=Smp_008360.1;Name=3027ed28-b362-4ed3-9799-
a7a8eca88255
SM_V9_1 iris    CDS     57238627        57239127        .       +
        0       Parent=Smp_008360.1
SM_V9_1 iris    CDS     57239163        57239720        .       +
        0       Parent=Smp_008360.1
SM_V9_1 Liftoff gene    57239755        57240890        .       -
        .
ID=Smp_340180;geneID=Smp_340180;previous_systematic_id=Smp_008370
SM_V9_1 Liftoff mRNA    57239755        57240890        .       -
        .
ID=Smp_340180.1;Parent=Smp_340180;geneID=Smp_340180;product=FAD
synthase;polypeptide_domain=InterPro:IPR001453 Pfam:PF00994
SM_V9_1 Liftoff exon    57239755        57240102        .       -
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        .       Parent=Smp_340180.1
SM_V9_1 Liftoff exon    57240138        57240232        .       -
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SM_V9_1 Liftoff exon    57240828        57240890        .       -
        .       Parent=Smp_340180.1
SM_V9_1 Liftoff CDS     57239788        57240102        .       -
        0       Parent=Smp_340180.1
SM_V9_1 Liftoff CDS     57240138        57240232        .       -
        2       Parent=Smp_340180.1
SM_V9_1 Liftoff CDS     57240828        57240840        .       -
        0       Parent=Smp_340180.1
SM_V9_1 iris    gene    57281235        57299970        .       -
        .
ID=Smp_342250;geneID=Smp_342250;gene_name=Smp_342250;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57281235        57299970        .       -
        .
ID=Smp_342250.1;Parent=Smp_342250;geneID=Smp_342250;gene_name=Smp_34
2250;owner=irisadmin@local.host;orig_id=Smp_342250.3;date_last_modif
ied=2022-08-01;Name=Smp_342250.1;product=FAD
synthase;date_creation=2022-07-28
SM_V9_1 iris    exon    57281235        57281554        .       -
        .
Parent=Smp_342250.1;Name=99bc4733-6fcf-4828-98b6-51bbec8cbb04
SM_V9_1 iris    exon    57284678        57284819        .       -
        .       Parent=Smp_342250.1;Name=e953cb0f-f331-4ef9-
b483-40030352679b
SM_V9_1 iris    exon    57285518        57285936        .       -
        .
Parent=Smp_342250.1;Name=c0fc3559-75d3-4ac1-88d3-7742bc59068f
SM_V9_1 iris    exon    57287376        57287514        .       -
        .       Parent=Smp_342250.1;Name=b6223416-
b2b0-4511-8a36-9476b07eca5c
SM_V9_1 iris    exon    57287957        57288045        .       -
        .       Parent=Smp_342250.1;Name=0cebddc0-17f2-4e6d-b59f-
ecca3842e673
SM_V9_1 iris    exon    57291392        57291540        .       -
        .
Parent=Smp_342250.1;Name=ba02572a-2344-4086-8211-444071087dbb
SM_V9_1 iris    exon    57296277        57296660        .       -
        .       Parent=Smp_342250.1;Name=16d1e5bd-c63a-4b4d-
b4f1-02d36492005c
SM_V9_1 iris    exon    57296696        57296790        .       -
        .       Parent=Smp_342250.1;Name=dd17af55-106f-45e4-
b626-3bbe8202458d
SM_V9_1 iris    exon    57299889        57299970        .       -
        .
Parent=Smp_342250.1;Name=a06a9b1f-6387-42b2-9b06-067534a2886f
SM_V9_1 iris    CDS     57281398        57281554        .       -
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SM_V9_1 iris    CDS     57284678        57284819        .       -
        2       Parent=Smp_342250.1
SM_V9_1 iris    CDS     57285518        57285936        .       -
        1       Parent=Smp_342250.1
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SM_V9_1 iris    CDS     57287376        57287514        .       -
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SM_V9_1 iris    CDS     57287957        57288045        .       -
        1       Parent=Smp_342250.1
SM_V9_1 iris    CDS     57291392        57291540        .       -
        0       Parent=Smp_342250.1
SM_V9_1 iris    CDS     57296277        57296660        .       -
        0       Parent=Smp_342250.1
SM_V9_1 iris    CDS     57296696        57296790        .       -
        2       Parent=Smp_342250.1
SM_V9_1 iris    CDS     57299889        57299919        .       -
        0       Parent=Smp_342250.1
SM_V9_1 iris    mRNA    57286897        57299970        .       -
        .
ID=Smp_342250.2;Parent=Smp_342250;geneID=Smp_342250;gene_name=Smp_34
2250;owner=irisadmin@local.host;orig_id=Smp_342250.5;date_last_modif
ied=2022-08-01;Name=Smp_342250.2;product=FAD
synthase;date_creation=2022-07-28
SM_V9_1 iris    exon    57286897        57287330        .       -
        .       Parent=Smp_342250.2;Name=b6569177-1acb-42aa-b94b-
e4f67722eb42
SM_V9_1 iris    exon    57287376        57287514        .       -
        .
Parent=Smp_342250.2;Name=764b4900-158b-4eee-8743-8b69f1517d36
SM_V9_1 iris    exon    57287957        57288045        .       -
        .       Parent=Smp_342250.2;Name=92733e31-d36b-4339-
a3ab-5009d2e38748
SM_V9_1 iris    exon    57291392        57291540        .       -
        .       Parent=Smp_342250.2;Name=ccc10175-8840-43bf-8c20-
f72e2a6911b0
SM_V9_1 iris    exon    57296277        57296660        .       -
        .       Parent=Smp_342250.2;Name=d911831c-
b8a6-48a8-82ed-3f581425f211
SM_V9_1 iris    exon    57296696        57296790        .       -
        .
Parent=Smp_342250.2;Name=b6137046-8e2c-4c22-96be-44491903755a
SM_V9_1 iris    exon    57299889        57299970        .       -
        .       Parent=Smp_342250.2;Name=06440745-
e633-42fe-83ef-9730a2ecd790
SM_V9_1 iris    CDS     57287327        57287330        .       -
        1       Parent=Smp_342250.2
SM_V9_1 iris    CDS     57287376        57287514        .       -
        2       Parent=Smp_342250.2
SM_V9_1 iris    CDS     57287957        57288045        .       -
        1       Parent=Smp_342250.2
SM_V9_1 iris    CDS     57291392        57291540        .       -
        0       Parent=Smp_342250.2
SM_V9_1 iris    CDS     57296277        57296660        .       -
        0       Parent=Smp_342250.2
SM_V9_1 iris    CDS     57296696        57296790        .       -
        2       Parent=Smp_342250.2
SM_V9_1 iris    CDS     57299889        57299919        .       -
        0       Parent=Smp_342250.2
SM_V9_1 Liftoff gene    57295149        57296344        .       +
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        .       ID=Smp_008400;geneID=Smp_008400
SM_V9_1 Liftoff mRNA    57295149        57296344        .       +
        .
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e kinase
2;polypeptide_domain=InterPro:IPR001805,IPR002173,IPR011611,IPR02905
6 Pfam:PF00294;Ontology_term=GO:0004001,GO:0006166,GO:0016773
SM_V9_1 Liftoff exon    57295149        57295666        .       +
        .       Parent=Smp_008400.1
SM_V9_1 Liftoff exon    57295702        57296344        .       +
        .       Parent=Smp_008400.1
SM_V9_1 Liftoff CDS     57295199        57295666        .       +
        0       Parent=Smp_008400.1
SM_V9_1 Liftoff CDS     57295702        57296259        .       +
        0       Parent=Smp_008400.1
SM_V9_1 iris    gene    57315182        57321588        .       -
        .
ID=Smp_126670;geneID=Smp_126670;gene_name=Smp_126670;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57315182        57321588        .       -
        .
ID=Smp_126670.1;Parent=Smp_126670;geneID=Smp_126670;gene_name=Smp_12
6670;owner=irisadmin@local.host;orig_id=Smp_126670.1;date_last_modif
ied=2022-08-01;Name=Smp_126670.1;product=Proteasome assembly
chaperone 2;date_creation=2022-07-28
SM_V9_1 iris    exon    57315182        57315625        .       -
        .
Parent=Smp_126670.1;Name=f6c9f34c-0f74-4c8f-97d4-31fde1f9a737
SM_V9_1 iris    exon    57318552        57318713        .       -
        .       Parent=Smp_126670.1;Name=1bc7acda-7185-4555-
a59a-77b6aa4f8298
SM_V9_1 iris    exon    57320895        57321588        .       -
        .       Parent=Smp_126670.1;Name=89adfb06-3e33-4d8e-
bac7-80cf014dfa75
SM_V9_1 iris    CDS     57315227        57315625        .       -
        0       Parent=Smp_126670.1
SM_V9_1 iris    CDS     57318552        57318713        .       -
        0       Parent=Smp_126670.1
SM_V9_1 iris    CDS     57320895        57321134        .       -
        0       Parent=Smp_126670.1
SM_V9_1 Liftoff gene    57334295        57334720        .       -
        .       ID=Smp_319640;geneID=Smp_319640
SM_V9_1 Liftoff mRNA    57334295        57334720        .       -
        .
ID=Smp_319640.1;Parent=Smp_319640;geneID=Smp_319640;product=Putative
protein phosphatase 2C 22
SM_V9_1 Liftoff exon    57334295        57334720        .       -
        .       Parent=Smp_319640.1
SM_V9_1 Liftoff CDS     57334397        57334603        .       -
        0       Parent=Smp_319640.1
SM_V9_1 iris    gene    57346664        57350789        .       +
        .
ID=Smp_126680;geneID=Smp_126680;gene_name=Smp_126680;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
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SM_V9_1 iris    mRNA    57346664        57350789        .       +
       .
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ied=2022-08-01;Name=Smp_126680.1;product=Aspartate--tRNA
ligase;date_creation=2022-07-28
SM_V9_1 iris    exon    57346664        57346760        .       +
       .       Parent=Smp_126680.1;Name=56acf92e-1c1b-45e6-9654-
b6516e25566a
SM_V9_1 iris    exon    57346802        57346899        .       +
       .       Parent=Smp_126680.1;Name=c51253d8-aec8-4f1d-
b295-47ce1fcd22b2
SM_V9_1 iris    exon    57346936        57347006        .       +
       .       Parent=Smp_126680.1;Name=c823f58a-2a78-4bac-ad79-
e4b1a3a11e2d
SM_V9_1 iris    exon    57347039        57347111        .       +
       .       Parent=Smp_126680.1;Name=f364cadb-
b705-4235-90cd-42dfa976f9b9
SM_V9_1 iris    exon    57347159        57347257        .       +
       .       Parent=Smp_126680.1;Name=a447be70-840c-4728-
b2c0-99291b1c7dbc
SM_V9_1 iris    exon    57347326        57347592        .       +
       .       Parent=Smp_126680.1;Name=625d4f72-a124-4f53-8ed2-
c08b924d8a14
SM_V9_1 iris    exon    57349679        57349807        .       +
       .       Parent=Smp_126680.1;Name=a663e184-64fe-4d11-a6dc-
f169f1f038fe
SM_V9_1 iris    exon    57349853        57349945        .       +
       .
Parent=Smp_126680.1;Name=1e041b11-9975-4201-9a35-4e7067066a72
SM_V9_1 iris    exon    57349997        57350038        .       +
       .       Parent=Smp_126680.1;Name=d31cbe28-3c7a-4298-
b7e8-6d3ba85fe37a
SM_V9_1 iris    exon    57350078        57350179        .       +
       .       Parent=Smp_126680.1;Name=5f5bbc2d-f764-4fa6-b596-
d6151c91672e
SM_V9_1 iris    exon    57350233        57350789        .       +
       .       Parent=Smp_126680.1;Name=20d5efbb-9db7-4ad7-
b898-08aaf60485a6
SM_V9_1 iris    CDS     57346722        57346760        .       +
       0       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57346802        57346899        .       +
       0       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57346936        57347006        .       +
       1       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57347039        57347111        .       +
       2       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57347159        57347257        .       +
       1       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57347326        57347592        .       +
       1       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57349679        57349807        .       +
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SM_V9_1 iris    CDS     57349853        57349945        .       +
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        1       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57349997        57350038        .       +
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SM_V9_1 iris    CDS     57350078        57350179        .       +
        1       Parent=Smp_126680.1
SM_V9_1 iris    CDS     57350233        57350278        .       +
        1       Parent=Smp_126680.1
SM_V9_1 iris    gene    57354565        57361186        .       -
        .
ID=Smp_126690;geneID=Smp_126690;gene_name=Smp_126690;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57354565        57361186        .       -
        .
ID=Smp_126690.1;Parent=Smp_126690;geneID=Smp_126690;gene_name=Smp_12
6690;owner=irisadmin@local.host;orig_id=Smp_126690.1;date_last_modif
ied=2022-08-01;Name=Smp_126690.1;product=COP9 signalosome complex
subunit 6;date_creation=2022-07-28
SM_V9_1 iris    exon    57354565        57355175        .       -
        .
Parent=Smp_126690.1;Name=c1cad896-203c-4f21-8ff4-25e8a045fc2f
SM_V9_1 iris    exon    57356718        57356813        .       -
        .       Parent=Smp_126690.1;Name=8d448871-25db-42a9-8dfb-
cb879f2e5180
SM_V9_1 iris    exon    57357883        57358008        .       -
        .       Parent=Smp_126690.1;Name=a00397f8-4cd2-4773-b4f7-
c8cc4090f429
SM_V9_1 iris    exon    57358046        57358216        .       -
        .
Parent=Smp_126690.1;Name=a834bd0c-4d01-4710-88f6-90cd9c78079a
SM_V9_1 iris    exon    57358259        57358475        .       -
        .       Parent=Smp_126690.1;Name=5d179e38-c75f-4302-
a0cf-40adf3ccc55c
SM_V9_1 iris    exon    57361136        57361186        .       -
        .       Parent=Smp_126690.1;Name=b5d7618b-6c2c-47ad-b037-
d57c7705aa17
SM_V9_1 iris    CDS     57354780        57355175        .       -
        0       Parent=Smp_126690.1
SM_V9_1 iris    CDS     57356718        57356813        .       -
        0       Parent=Smp_126690.1
SM_V9_1 iris    CDS     57357883        57358008        .       -
        0       Parent=Smp_126690.1
SM_V9_1 iris    CDS     57358046        57358216        .       -
        0       Parent=Smp_126690.1
SM_V9_1 iris    CDS     57358259        57358447        .       -
        0       Parent=Smp_126690.1
SM_V9_1 iris    gene    57398865        57476227        .       -
        .
ID=Smp_247030;geneID=Smp_247030;gene_name=Smp_247030;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57398865        57476227        .       -
        .
ID=Smp_247030.1;Parent=Smp_247030;geneID=Smp_247030;gene_name=Smp_24
7030;owner=irisadmin@local.host;orig_id=Smp_247030.1;date_last_modif
ied=2022-08-01;Name=Smp_247030.1;product=Protocadherin-1;date_creati
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on=2022-07-28
SM_V9_1 iris    exon    57398865        57399695        .       -
        .
Parent=Smp_247030.1;Name=67375a24-776e-4818-8376-7b5fa6fdb88a
SM_V9_1 iris    exon    57409406        57409773        .       -
        .       Parent=Smp_247030.1;Name=233f099e-c771-4e47-a031-
d21b37ab833b
SM_V9_1 iris    exon    57411689        57412136        .       -
        .       Parent=Smp_247030.1;Name=47d81602-3f16-47a2-
b699-7d221914b301
SM_V9_1 iris    exon    57414499        57414684        .       -
        .       Parent=Smp_247030.1;Name=946253ec-
f551-455f-964d-526cbc4b59db
SM_V9_1 iris    exon    57418130        57418423        .       -
        .       Parent=Smp_247030.1;Name=c6c55823-0da9-49e8-
b97d-9b5d49607558
SM_V9_1 iris    exon    57422365        57422610        .       -
        .       Parent=Smp_247030.1;Name=02a76e47-4067-455d-
a792-8bf08313d0c6
SM_V9_1 iris    exon    57431429        57431638        .       -
        .
Parent=Smp_247030.1;Name=971dc959-54b7-4812-9953-987e2cab0cee
SM_V9_1 iris    exon    57474035        57476227        .       -
        .       Parent=Smp_247030.1;Name=81efd478-5625-4cca-838f-
b6a8ecca60df
SM_V9_1 iris    CDS     57398976        57399695        .       -
        0       Parent=Smp_247030.1
SM_V9_1 iris    CDS     57409406        57409773        .       -
        2       Parent=Smp_247030.1
SM_V9_1 iris    CDS     57411689        57412136        .       -
        0       Parent=Smp_247030.1
SM_V9_1 iris    CDS     57414499        57414684        .       -
        0       Parent=Smp_247030.1
SM_V9_1 iris    CDS     57418130        57418423        .       -
        0       Parent=Smp_247030.1
SM_V9_1 iris    CDS     57422365        57422610        .       -
        0       Parent=Smp_247030.1
SM_V9_1 iris    CDS     57431429        57431638        .       -
        0       Parent=Smp_247030.1
SM_V9_1 iris    CDS     57474035        57475921        .       -
        0       Parent=Smp_247030.1
SM_V9_1 iris    gene    57555125        57564567        .       -
        .
ID=Smp_213850;geneID=Smp_213850;gene_name=Smp_213850;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57555125        57564567        .       -
        .
ID=Smp_213850.1;Parent=Smp_213850;geneID=Smp_213850;gene_name=Smp_21
3850;owner=irisadmin@local.host;orig_id=Smp_213850.1;date_last_modif
ied=2022-08-01;Name=Smp_213850.1;product=Histone PARylation factor
1;date_creation=2022-07-28
SM_V9_1 iris    exon    57555125        57555519        .       -
        .       Parent=Smp_213850.1;Name=ca76e4dd-57cd-4ead-97d0-
b10670857b13
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SM_V9_1 iris    exon    57556618        57556791        .       -
        .       Parent=Smp_213850.1;Name=da803920-f3a9-494f-9de0-
cf27d4b3629e
SM_V9_1 iris    exon    57557521        57557631        .       -
        .       Parent=Smp_213850.1;Name=c82f10c2-2706-4249-97de-
fd0433185cbf
SM_V9_1 iris    exon    57557667        57557770        .       -
        .       Parent=Smp_213850.1;Name=c2876b4b-8dda-49dd-8a09-
de59ea204c11
SM_V9_1 iris    exon    57557804        57557899        .       -
        .       Parent=Smp_213850.1;Name=de841912-
eb3e-4965-81c6-448409664edc
SM_V9_1 iris    exon    57557931        57558108        .       -
        .       Parent=Smp_213850.1;Name=7327411c-4621-468d-b63b-
a999b41a86fe
SM_V9_1 iris    exon    57558147        57558391        .       -
        .
Parent=Smp_213850.1;Name=dfe20d41-9d60-486f-83b6-1a58718baded
SM_V9_1 iris    exon    57564524        57564567        .       -
        .       Parent=Smp_213850.1;Name=dfc2bf09-e935-40bc-b085-
f08d92b19ac1
SM_V9_1 iris    CDS     57555371        57555519        .       -
        2       Parent=Smp_213850.1
SM_V9_1 iris    CDS     57556618        57556791        .       -
        2       Parent=Smp_213850.1
SM_V9_1 iris    CDS     57557521        57557631        .       -
        2       Parent=Smp_213850.1
SM_V9_1 iris    CDS     57557667        57557770        .       -
        1       Parent=Smp_213850.1
SM_V9_1 iris    CDS     57557804        57557899        .       -
        1       Parent=Smp_213850.1
SM_V9_1 iris    CDS     57557931        57558108        .       -
        2       Parent=Smp_213850.1
SM_V9_1 iris    CDS     57558147        57558375        .       -
        0       Parent=Smp_213850.1
SM_V9_1 iris    mRNA    57555125        57564567        .       -
        .
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1;date_creation=2022-08-01
SM_V9_1 iris    exon    57555125        57555519        .       -
        .       Parent=Smp_213850.2;Name=582c4b51-9815-4d82-
a1cf-49471121c4f0
SM_V9_1 iris    exon    57557521        57557631        .       -
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baf2-55d744fa84c7
SM_V9_1 iris    exon    57557667        57557770        .       -
        .       Parent=Smp_213850.2;Name=2bc063e9-
a882-4185-87b3-94c9820a4f3d
SM_V9_1 iris    exon    57557804        57557899        .       -
        .       Parent=Smp_213850.2;Name=15c16dca-0d96-4508-acf5-
f06005865f20
SM_V9_1 iris    exon    57557931        57558108        .       -
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        .       Parent=Smp_213850.2;Name=d6edf0ab-
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SM_V9_1 iris    exon    57558147        57558391        .       -
        .       Parent=Smp_213850.2;Name=da5c695c-0612-492c-8ab1-
daf95c95bf3a
SM_V9_1 iris    exon    57564524        57564567        .       -
        .       Parent=Smp_213850.2;Name=07430d31-3722-4572-8c5a-
be41215ffe7e
SM_V9_1 iris    CDS     57555371        57555519        .       -
        2       Parent=Smp_213850.2
SM_V9_1 iris    CDS     57557521        57557631        .       -
        2       Parent=Smp_213850.2
SM_V9_1 iris    CDS     57557667        57557770        .       -
        1       Parent=Smp_213850.2
SM_V9_1 iris    CDS     57557804        57557899        .       -
        1       Parent=Smp_213850.2
SM_V9_1 iris    CDS     57557931        57558108        .       -
        2       Parent=Smp_213850.2
SM_V9_1 iris    CDS     57558147        57558375        .       -
        0       Parent=Smp_213850.2
SM_V9_1 iris    gene    57572442        57573167        .       -
        .
ID=Smp_213840;geneID=Smp_213840;gene_name=Smp_213840;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57572442        57573167        .       -
        .
ID=Smp_213840.1;Parent=Smp_213840;geneID=Smp_213840;gene_name=Smp_21
3840;owner=irisadmin@local.host;orig_id=Smp_213840.1;date_last_modif
ied=2022-08-01;Name=Smp_213840.1;product=Nicastrin;date_creation=202
2-08-01
SM_V9_1 iris    exon    57572442        57572631        .       -
        .       Parent=Smp_213840.1;Name=f01775a7-2ff8-41f8-
a69f-6aec57217aef
SM_V9_1 iris    exon    57572666        57573167        .       -
        .       Parent=Smp_213840.1;Name=b48b4cc2-2599-47b8-
bfa9-442de2757b8c
SM_V9_1 iris    CDS     57572467        57572631        .       -
        0       Parent=Smp_213840.1
SM_V9_1 iris    CDS     57572666        57573007        .       -
        0       Parent=Smp_213840.1
SM_V9_1 Liftoff gene    57573557        57578544        .       +
        .       ID=Smp_083200;geneID=Smp_083200
SM_V9_1 Liftoff mRNA    57573557        57578544        .       +
        .
ID=Smp_083200.1;Parent=Smp_083200;geneID=Smp_083200;product=Ubiquiti
n carboxyl-terminal hydrolase isozyme
L5;polypeptide_domain=InterPro:IPR001578,IPR017390
Pfam:PF01088;Ontology_term=GO:0004843,GO:0005622,GO:0006511,GO:00165
79
SM_V9_1 Liftoff exon    57573557        57573659        .       +
        .       Parent=Smp_083200.1
SM_V9_1 Liftoff exon    57573695        57573858        .       +
        .       Parent=Smp_083200.1
SM_V9_1 Liftoff exon    57573892        57574014        .       +
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SM_V9_1 Liftoff exon    57574051        57574112        .       +
        .       Parent=Smp_083200.1
SM_V9_1 Liftoff exon    57574147        57574441        .       +
        .       Parent=Smp_083200.1
SM_V9_1 Liftoff exon    57578206        57578544        .       +
        .       Parent=Smp_083200.1
SM_V9_1 Liftoff CDS     57573587        57573659        .       +
        0       Parent=Smp_083200.1
SM_V9_1 Liftoff CDS     57573695        57573858        .       +
        2       Parent=Smp_083200.1
SM_V9_1 Liftoff CDS     57573892        57574014        .       +
        0       Parent=Smp_083200.1
SM_V9_1 Liftoff CDS     57574051        57574112        .       +
        0       Parent=Smp_083200.1
SM_V9_1 Liftoff CDS     57574147        57574441        .       +
        1       Parent=Smp_083200.1
SM_V9_1 Liftoff CDS     57578206        57578448        .       +
        0       Parent=Smp_083200.1
SM_V9_1 iris    gene    57578438        57596881        .       -
        .
ID=Smp_167240;geneID=Smp_167240;gene_name=Smp_167240;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57578438        57596881        .       -
        .
ID=Smp_167240.1;Parent=Smp_167240;geneID=Smp_167240;gene_name=Smp_16
7240;owner=irisadmin@local.host;orig_id=Smp_167240.1;date_last_modif
ied=2022-08-01;Name=Smp_167240.1;product=Nicastrin;date_creation=202
2-08-01
SM_V9_1 iris    exon    57578438        57578806        .       -
        .       Parent=Smp_167240.1;Name=981c8c2b-8a76-4000-
b149-3081b0573fba
SM_V9_1 iris    exon    57579403        57579604        .       -
        .       Parent=Smp_167240.1;Name=72cc5371-a92f-4caa-9311-
cc845ddd0a59
SM_V9_1 iris    exon    57584368        57584475        .       -
        .       Parent=Smp_167240.1;Name=e5b627ce-3f1d-4de9-
b1a9-80accaff5497
SM_V9_1 iris    exon    57585689        57586000        .       -
        .       Parent=Smp_167240.1;Name=2d15f8f6-19e1-4d5f-9969-
f22e592c1cc1
SM_V9_1 iris    exon    57587286        57587525        .       -
        .       Parent=Smp_167240.1;Name=f70b4330-e846-49a1-b2fd-
c324722bad2a
SM_V9_1 iris    exon    57592866        57593126        .       -
        .       Parent=Smp_167240.1;Name=944ea365-b0fd-4123-915a-
f4c9ffc1c70d
SM_V9_1 iris    exon    57596126        57596275        .       -
        .       Parent=Smp_167240.1;Name=1e096e62-
a138-4e20-8335-8285fa1e3e5d
SM_V9_1 iris    exon    57596310        57596881        .       -
        .       Parent=Smp_167240.1;Name=ccf64332-c172-4c77-b996-
fc1d1a9ee4cc
SM_V9_1 iris    CDS     57578490        57578806        .       -
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        2       Parent=Smp_167240.1
SM_V9_1 iris    CDS     57579403        57579604        .       -
        0       Parent=Smp_167240.1
SM_V9_1 iris    CDS     57584368        57584475        .       -
        0       Parent=Smp_167240.1
SM_V9_1 iris    CDS     57585689        57586000        .       -
        0       Parent=Smp_167240.1
SM_V9_1 iris    CDS     57587286        57587525        .       -
        0       Parent=Smp_167240.1
SM_V9_1 iris    CDS     57592866        57593126        .       -
        0       Parent=Smp_167240.1
SM_V9_1 iris    CDS     57596126        57596275        .       -
        0       Parent=Smp_167240.1
SM_V9_1 iris    CDS     57596310        57596852        .       -
        0       Parent=Smp_167240.1
SM_V9_1 iris    gene    57609694        57610548        .       +
        .
ID=Smp_083180;geneID=Smp_083180;gene_name=Smp_083180;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57609694        57610548        .       +
        .
ID=Smp_083180.1;Parent=Smp_083180;geneID=Smp_083180;gene_name=Smp_08
3180;owner=irisadmin@local.host;orig_id=Smp_083180.1;date_last_modif
ied=2022-08-01;Name=Smp_083180.1;product=rRNA-processing protein
FCF1 homolog;date_creation=2022-08-01
SM_V9_1 iris    exon    57609694        57609816        .       +
        .       Parent=Smp_083180.1;Name=39854959-747d-4c2d-
a9ab-228fa775db56
SM_V9_1 iris    exon    57609853        57610076        .       +
        .       Parent=Smp_083180.1;Name=75f206b8-27f7-4719-aa4d-
e2e35a82f864
SM_V9_1 iris    exon    57610110        57610182        .       +
        .       Parent=Smp_083180.1;Name=e2233d11-c7e0-47ab-ab25-
b81aacbdb818
SM_V9_1 iris    exon    57610217        57610548        .       +
        .       Parent=Smp_083180.1;Name=cc034921-843f-4bbf-
a993-2353dc82ebd1
SM_V9_1 iris    CDS     57609746        57609816        .       +
        0       Parent=Smp_083180.1
SM_V9_1 iris    CDS     57609853        57610076        .       +
        1       Parent=Smp_083180.1
SM_V9_1 iris    CDS     57610110        57610182        .       +
        2       Parent=Smp_083180.1
SM_V9_1 iris    CDS     57610217        57610445        .       +
        1       Parent=Smp_083180.1
SM_V9_1 Liftoff gene    57625311        57627719        .       +
        .       ID=Smp_319650;geneID=Smp_319650
SM_V9_1 Liftoff mRNA    57625311        57627719        .       +
        .
ID=Smp_319650.1;Parent=Smp_319650;geneID=Smp_319650;product=Nesprin-
2
SM_V9_1 Liftoff exon    57625311        57626389        .       +
        .       Parent=Smp_319650.1
SM_V9_1 Liftoff exon    57627487        57627719        .       +
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        .       Parent=Smp_319650.1
SM_V9_1 Liftoff CDS     57626278        57626389        .       +
        0       Parent=Smp_319650.1
SM_V9_1 Liftoff CDS     57627487        57627650        .       +
        2       Parent=Smp_319650.1
SM_V9_1 Liftoff gene    57659531        57669908        .       +
        .       ID=Smp_319660;geneID=Smp_319660
SM_V9_1 Liftoff mRNA    57659531        57669908        .       +
        .
ID=Smp_319660.1;Parent=Smp_319660;geneID=Smp_319660;product=Probable
DNA helicase MCM9;polypeptide_domain=InterPro:IPR001208
Pfam:PF00493;Ontology_term=GO:0003677,GO:0005524,GO:0006270
SM_V9_1 Liftoff exon    57659531        57666829        .       +
        .       Parent=Smp_319660.1
SM_V9_1 Liftoff exon    57668076        57668215        .       +
        .       Parent=Smp_319660.1
SM_V9_1 Liftoff exon    57669776        57669908        .       +
        .       Parent=Smp_319660.1
SM_V9_1 Liftoff CDS     57666725        57666829        .       +
        0       Parent=Smp_319660.1
SM_V9_1 Liftoff CDS     57668076        57668215        .       +
        0       Parent=Smp_319660.1
SM_V9_1 Liftoff CDS     57669776        57669893        .       +
        1       Parent=Smp_319660.1
SM_V9_1 iris    gene    57678371        57680523        .       +
        .
ID=Smp_331710;geneID=Smp_331710;gene_name=Smp_331710;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57678371        57680523        .       +
        .
ID=Smp_331710.1;Parent=Smp_331710;geneID=Smp_331710;gene_name=Smp_33
1710;owner=irisadmin@local.host;orig_id=Smp_331710.1;date_last_modif
ied=2022-08-01;Name=Smp_331710.1;product=Tyrosine-protein
phosphatase;date_creation=2022-08-01
SM_V9_1 iris    exon    57678371        57678433        .       +
        .       Parent=Smp_331710.1;Name=c90ab9f3-c483-4ab6-9355-
cec40c47eb02
SM_V9_1 iris    exon    57678629        57678736        .       +
        .       Parent=Smp_331710.1;Name=5fa2b57b-5824-4bd7-97cd-
ded6324bb4be
SM_V9_1 iris    exon    57678772        57678868        .       +
        .       Parent=Smp_331710.1;Name=85265f17-c799-4aee-
a5f5-75421a70312e
SM_V9_1 iris    exon    57678898        57678977        .       +
        .       Parent=Smp_331710.1;Name=611fe087-083d-4b0e-9793-
f9cd774b4ab7
SM_V9_1 iris    exon    57679015        57679055        .       +
        .       Parent=Smp_331710.1;Name=a4c901aa-c890-4260-b9f2-
a33e3b4ba1e2
SM_V9_1 iris    exon    57680016        57680076        .       +
        .       Parent=Smp_331710.1;Name=7b63da64-3b9c-4fc5-a903-
f9a1376f1872
SM_V9_1 iris    exon    57680113        57680159        .       +
        .       Parent=Smp_331710.1;Name=6a3b92ca-0fb5-401d-
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b9d2-3397a3c4ab63
SM_V9_1 iris    exon    57680203        57680523        .       +
        .       Parent=Smp_331710.1;Name=0733c232-c351-489f-b885-
ce50fd1aef19
SM_V9_1 iris    CDS     57678411        57678433        .       +
        0       Parent=Smp_331710.1
SM_V9_1 iris    CDS     57678629        57678736        .       +
        1       Parent=Smp_331710.1
SM_V9_1 iris    CDS     57678772        57678868        .       +
        1       Parent=Smp_331710.1
SM_V9_1 iris    CDS     57678898        57678977        .       +
        0       Parent=Smp_331710.1
SM_V9_1 iris    CDS     57679015        57679055        .       +
        1       Parent=Smp_331710.1
SM_V9_1 iris    CDS     57680016        57680076        .       +
        2       Parent=Smp_331710.1
SM_V9_1 iris    CDS     57680113        57680159        .       +
        1       Parent=Smp_331710.1
SM_V9_1 iris    CDS     57680203        57680315        .       +
        2       Parent=Smp_331710.1
SM_V9_1 iris    gene    57685073        57711987        .       -
        .
ID=Smp_144720;geneID=Smp_144720;gene_name=Smp_144720;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57685073        57711987        .       -
        .
ID=Smp_144720.1;Parent=Smp_144720;geneID=Smp_144720;gene_name=Smp_14
4720;owner=irisadmin@local.host;orig_id=Smp_144720.1;date_last_modif
ied=2022-08-01;Name=Smp_144720.1;product=MCM domain-containing
protein 2;date_creation=2022-08-01
SM_V9_1 iris    exon    57685073        57685406        .       -
        .
Parent=Smp_144720.1;Name=7da6dad0-4885-47c4-944c-99ced85a2511
SM_V9_1 iris    exon    57686390        57686569        .       -
        .       Parent=Smp_144720.1;Name=55fee91b-af2d-4248-
be1c-1a4fb241022a
SM_V9_1 iris    exon    57690447        57690556        .       -
        .       Parent=Smp_144720.1;Name=43e34f24-af7d-4729-
b10d-01af313fc326
SM_V9_1 iris    exon    57692129        57692268        .       -
        .       Parent=Smp_144720.1;Name=4088c753-e01a-4594-949a-
ee1c798be1e7
SM_V9_1 iris    exon    57693515        57693671        .       -
        .
Parent=Smp_144720.1;Name=ee9c3e90-669c-477b-8327-91b22beed445
SM_V9_1 iris    exon    57698372        57698648        .       -
        .       Parent=Smp_144720.1;Name=8bf380ae-bfbd-4b1b-
aae0-0c57086ea8c0
SM_V9_1 iris    exon    57699671        57699760        .       -
        .       Parent=Smp_144720.1;Name=84710f32-3ba5-40bb-90b2-
efbc166d3dec
SM_V9_1 iris    exon    57700344        57700641        .       -
        .       Parent=Smp_144720.1;Name=e36bd686-52b6-44ab-bb7b-
d995e01878f3
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SM_V9_1 iris    exon    57703547        57703629        .       -
        .       Parent=Smp_144720.1;Name=91d7da0b-8f02-419b-b866-
bad333e21d6e
SM_V9_1 iris    exon    57703673        57703726        .       -
        .       Parent=Smp_144720.1;Name=4404dc9d-28b2-43db-
bdef-10f5fa7c5939
SM_V9_1 iris    exon    57705083        57705167        .       -
        .       Parent=Smp_144720.1;Name=69a66848-f9fb-484c-
b55c-76098317724f
SM_V9_1 iris    exon    57705212        57705309        .       -
        .
Parent=Smp_144720.1;Name=d796b73a-92b9-469e-973e-7200696f8df8
SM_V9_1 iris    exon    57706733        57706819        .       -
        .
Parent=Smp_144720.1;Name=b558f9c9-5ebd-4890-9f5c-9b25a6d80722
SM_V9_1 iris    exon    57708668        57708729        .       -
        .       Parent=Smp_144720.1;Name=575dcea9-5de3-47aa-82c0-
f4d0124caa35
SM_V9_1 iris    exon    57708764        57708952        .       -
        .       Parent=Smp_144720.1;Name=1192ebe4-73d2-4f42-
a46e-7b5b38bc948e
SM_V9_1 iris    exon    57708986        57709089        .       -
        .       Parent=Smp_144720.1;Name=2b0d4ee2-147f-465a-a078-
aae3f0b97391
SM_V9_1 iris    exon    57711661        57711719        .       -
        .       Parent=Smp_144720.1;Name=60ab3a19-e215-485d-b4b5-
a54fe1ed57fe
SM_V9_1 iris    exon    57711762        57711822        .       -
        .       Parent=Smp_144720.1;Name=39cb9a86-4b64-4ef3-
be53-1ac70a733ccf
SM_V9_1 iris    exon    57711861        57711987        .       -
        .       Parent=Smp_144720.1;Name=f39ae737-720d-456e-
ba84-665c2dbe971e
SM_V9_1 iris    CDS     57686430        57686569        .       -
        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57690447        57690556        .       -
        1       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57692129        57692268        .       -
        0       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57693515        57693671        .       -
        1       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57698372        57698648        .       -
        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57699671        57699760        .       -
        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57700344        57700641        .       -
        0       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57703547        57703629        .       -
        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57703673        57703726        .       -
        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57705083        57705167        .       -
        0       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57705212        57705309        .       -
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        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57706733        57706819        .       -
        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57708668        57708729        .       -
        1       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57708764        57708952        .       -
        1       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57708986        57709089        .       -
        0       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57711661        57711719        .       -
        2       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57711762        57711822        .       -
        0       Parent=Smp_144720.1
SM_V9_1 iris    CDS     57711861        57711962        .       -
        0       Parent=Smp_144720.1
SM_V9_1 Liftoff gene    57703681        57704908        .       +
        .       ID=Smp_041320;geneID=Smp_041320
SM_V9_1 Liftoff mRNA    57703681        57704908        .       +
        .
ID=Smp_041320.1;Parent=Smp_041320;geneID=Smp_041320;product=Protein
tesmin/TSO1-like CXC 2
SM_V9_1 Liftoff exon    57703681        57703804        .       +
        .       Parent=Smp_041320.1
SM_V9_1 Liftoff exon    57704844        57704908        .       +
        .       Parent=Smp_041320.1
SM_V9_1 Liftoff CDS     57703681        57703804        .       +
        0       Parent=Smp_041320.1
SM_V9_1 Liftoff CDS     57704844        57704908        .       +
        2       Parent=Smp_041320.1
SM_V9_1 iris    gene    57717461        57726175        .       +
        .
ID=Smp_083150;geneID=Smp_083150;gene_name=Smp_083150;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57717461        57726175        .       +
        .
ID=Smp_083150.1;Parent=Smp_083150;geneID=Smp_083150;gene_name=Smp_08
3150;owner=irisadmin@local.host;orig_id=Smp_083150.1;date_last_modif
ied=2022-08-01;Name=Smp_083150.1;product=G patch domain-containing
protein 11;date_creation=2022-07-28
SM_V9_1 iris    exon    57717461        57717505        .       +
        .       Parent=Smp_083150.1;Name=22096355-7581-4836-9562-
b147e38fd1da
SM_V9_1 iris    exon    57717548        57717623        .       +
        .       Parent=Smp_083150.1;Name=dbab2012-2f84-40c8-
bec6-615118647f22
SM_V9_1 iris    exon    57722956        57723056        .       +
        .       Parent=Smp_083150.1;Name=3eb32453-3c15-437b-
aad9-8d382ef7253c
SM_V9_1 iris    exon    57723090        57723304        .       +
        .       Parent=Smp_083150.1;Name=81c1a250-7712-476d-ba54-
be5b71971a01
SM_V9_1 iris    exon    57724885        57725345        .       +
        .       Parent=Smp_083150.1;Name=c2987520-7dfe-494f-b188-
f41e1a316f97
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SM_V9_1 iris    exon    57725592        57726175        .       +
        .
Parent=Smp_083150.1;Name=406bd334-4bd2-4c57-8f8f-5eaacbbe3b18
SM_V9_1 iris    CDS     57723010        57723056        .       +
        0       Parent=Smp_083150.1
SM_V9_1 iris    CDS     57723090        57723304        .       +
        1       Parent=Smp_083150.1
SM_V9_1 iris    CDS     57724885        57725345        .       +
        2       Parent=Smp_083150.1
SM_V9_1 iris    CDS     57725592        57725729        .       +
        0       Parent=Smp_083150.1
SM_V9_1 Liftoff gene    57728720        57761347        .       -
        .       ID=Smp_167230;geneID=Smp_167230
SM_V9_1 Liftoff mRNA    57728720        57761347        .       -
        .
ID=Smp_167230.1;Parent=Smp_167230;geneID=Smp_167230;product=Golgi
resident protein GCP60;polypeptide_domain=InterPro:IPR009038
Pfam:PF13897;Ontology_term=GO:0006810,GO:0016021
SM_V9_1 Liftoff exon    57728720        57729257        .       -
        .       Parent=Smp_167230.1
SM_V9_1 Liftoff exon    57746025        57746253        .       -
        .       Parent=Smp_167230.1
SM_V9_1 Liftoff exon    57749174        57749304        .       -
        .       Parent=Smp_167230.1
SM_V9_1 Liftoff exon    57756882        57756942        .       -
        .       Parent=Smp_167230.1
SM_V9_1 Liftoff exon    57758805        57758906        .       -
        .       Parent=Smp_167230.1
SM_V9_1 Liftoff exon    57758946        57759033        .       -
        .       Parent=Smp_167230.1
SM_V9_1 Liftoff exon    57759071        57761347        .       -
        .       Parent=Smp_167230.1
SM_V9_1 Liftoff CDS     57729046        57729257        .       -
        2       Parent=Smp_167230.1
SM_V9_1 Liftoff CDS     57746025        57746253        .       -
        0       Parent=Smp_167230.1
SM_V9_1 Liftoff CDS     57749174        57749304        .       -
        2       Parent=Smp_167230.1
SM_V9_1 Liftoff CDS     57756882        57756942        .       -
        0       Parent=Smp_167230.1
SM_V9_1 Liftoff CDS     57758805        57758906        .       -
        0       Parent=Smp_167230.1
SM_V9_1 Liftoff CDS     57758946        57759033        .       -
        1       Parent=Smp_167230.1
SM_V9_1 Liftoff CDS     57759071        57759219        .       -
        0       Parent=Smp_167230.1
SM_V9_1 Liftoff mRNA    57728720        57761347        .       -
        .
ID=Smp_167230.3;Parent=Smp_167230;geneID=Smp_167230;product=Golgi
resident protein GCP60;polypeptide_domain=InterPro:IPR009038
Pfam:PF13897;Ontology_term=GO:0006810,GO:0016021
SM_V9_1 Liftoff exon    57728720        57729257        .       -
        .       Parent=Smp_167230.3
SM_V9_1 Liftoff exon    57731812        57731916        .       -
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        .       Parent=Smp_167230.3
SM_V9_1 Liftoff exon    57746025        57746253        .       -
        .       Parent=Smp_167230.3
SM_V9_1 Liftoff exon    57749174        57749304        .       -
        .       Parent=Smp_167230.3
SM_V9_1 Liftoff exon    57756882        57756942        .       -
        .       Parent=Smp_167230.3
SM_V9_1 Liftoff exon    57758805        57758906        .       -
        .       Parent=Smp_167230.3
SM_V9_1 Liftoff exon    57758946        57759033        .       -
        .       Parent=Smp_167230.3
SM_V9_1 Liftoff exon    57759071        57761347        .       -
        .       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57729046        57729257        .       -
        2       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57731812        57731916        .       -
        2       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57746025        57746253        .       -
        0       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57749174        57749304        .       -
        2       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57756882        57756942        .       -
        0       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57758805        57758906        .       -
        0       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57758946        57759033        .       -
        1       Parent=Smp_167230.3
SM_V9_1 Liftoff CDS     57759071        57759219        .       -
        0       Parent=Smp_167230.3
SM_V9_1 Liftoff mRNA    57728720        57761347        .       -
        .
ID=Smp_167230.4;Parent=Smp_167230;geneID=Smp_167230;product=Golgi
resident protein GCP60;polypeptide_domain=InterPro:IPR009038
Pfam:PF13897;Ontology_term=GO:0006810,GO:0016021
SM_V9_1 Liftoff exon    57728720        57729257        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57731812        57731916        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57734472        57734576        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57746025        57746253        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57749174        57749304        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57756882        57756942        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57758805        57758906        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57758946        57759033        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff exon    57759071        57761347        .       -
        .       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57729046        57729257        .       -
        2       Parent=Smp_167230.4
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SM_V9_1 Liftoff CDS     57731812        57731916        .       -
        2       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57734472        57734576        .       -
        2       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57746025        57746253        .       -
        0       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57749174        57749304        .       -
        2       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57756882        57756942        .       -
        0       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57758805        57758906        .       -
        0       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57758946        57759033        .       -
        1       Parent=Smp_167230.4
SM_V9_1 Liftoff CDS     57759071        57759219        .       -
        0       Parent=Smp_167230.4
SM_V9_1 Liftoff mRNA    57728720        57761347        .       -
        .
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resident protein GCP60;polypeptide_domain=InterPro:IPR009038
Pfam:PF13897;Ontology_term=GO:0006810,GO:0016021
SM_V9_1 Liftoff exon    57728720        57729257        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57731812        57731916        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57734472        57734576        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57737133        57737237        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57746025        57746253        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57749174        57749304        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57756882        57756942        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57758805        57758906        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57758946        57759033        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff exon    57759071        57761347        .       -
        .       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57729046        57729257        .       -
        2       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57731812        57731916        .       -
        2       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57734472        57734576        .       -
        2       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57737133        57737237        .       -
        2       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57746025        57746253        .       -
        0       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57749174        57749304        .       -
        2       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57756882        57756942        .       -
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        0       Parent=Smp_167230.5
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        0       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57758946        57759033        .       -
        1       Parent=Smp_167230.5
SM_V9_1 Liftoff CDS     57759071        57759219        .       -
        0       Parent=Smp_167230.5
SM_V9_1 Liftoff mRNA    57756147        57761347        .       -
        .
ID=Smp_167230.2;Parent=Smp_167230;geneID=Smp_167230;product=Xylogluc
an-specific endo-beta-1,4-glucanase BoGH9A
SM_V9_1 Liftoff exon    57756147        57756270        .       -
        .       Parent=Smp_167230.2
SM_V9_1 Liftoff exon    57756882        57756942        .       -
        .       Parent=Smp_167230.2
SM_V9_1 Liftoff exon    57758805        57758906        .       -
        .       Parent=Smp_167230.2
SM_V9_1 Liftoff exon    57758946        57759033        .       -
        .       Parent=Smp_167230.2
SM_V9_1 Liftoff exon    57759071        57761347        .       -
        .       Parent=Smp_167230.2
SM_V9_1 Liftoff CDS     57756221        57756270        .       -
        2       Parent=Smp_167230.2
SM_V9_1 Liftoff CDS     57756882        57756942        .       -
        0       Parent=Smp_167230.2
SM_V9_1 Liftoff CDS     57758805        57758906        .       -
        0       Parent=Smp_167230.2
SM_V9_1 Liftoff CDS     57758946        57759033        .       -
        1       Parent=Smp_167230.2
SM_V9_1 Liftoff CDS     57759071        57759219        .       -
        0       Parent=Smp_167230.2
SM_V9_1 iris    gene    57777621        57800174        .       +
        .
ID=Smp_083130;geneID=Smp_083130;gene_name=Smp_083130;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57777621        57786084        .       +
        .
ID=Smp_083130.1;Parent=Smp_083130;geneID=Smp_083130;gene_name=Smp_08
3130;owner=irisadmin@local.host;orig_id=Smp_083130.1;date_last_modif
ied=2022-08-01;Name=Smp_083130.1;product=Galactosylgalactosylxylosyl
protein 3-beta-glucuronosyltransferase
sqv-8;date_creation=2022-07-28
SM_V9_1 iris    exon    57777621        57777910        .       +
        .       Parent=Smp_083130.1;Name=6392690a-
bc50-41a0-83c7-73a6cb4ac6ef
SM_V9_1 iris    exon    57780411        57780543        .       +
        .       Parent=Smp_083130.1;Name=11f1e1ef-b7ed-42a6-902c-
e723a8d15f8a
SM_V9_1 iris    exon    57780580        57780739        .       +
        .       Parent=Smp_083130.1;Name=8592b027-c878-4019-
a78c-7b6b869279e7
SM_V9_1 iris    exon    57780967        57781201        .       +
        .       Parent=Smp_083130.1;Name=fc8fdd1d-
b5cb-4f4d-9141-84f69f04293b
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SM_V9_1 iris    exon    57782156        57782458        .       +
        .       Parent=Smp_083130.1;Name=a3c7b324-eedb-4f28-9c2d-
b88df8337eff
SM_V9_1 iris    exon    57784819        57786084        .       +
        .       Parent=Smp_083130.1;Name=40e63572-1969-4563-9ef1-
ccc3bbebabe8
SM_V9_1 iris    CDS     57780669        57780739        .       +
        0       Parent=Smp_083130.1
SM_V9_1 iris    CDS     57780967        57781201        .       +
        1       Parent=Smp_083130.1
SM_V9_1 iris    CDS     57782156        57782458        .       +
        0       Parent=Smp_083130.1
SM_V9_1 iris    CDS     57784819        57784920        .       +
        0       Parent=Smp_083130.1
SM_V9_1 iris    gene    57789795        57800174        .       +
        .
ID=Smp_083120;geneID=Smp_083120;gene_name=Smp_083120;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57789795        57800174        .       +
        .
ID=Smp_083120.1;Parent=Smp_083120;geneID=Smp_083120;gene_name=Smp_08
3120;owner=irisadmin@local.host;orig_id=Smp_083120.3;date_last_modif
ied=2022-08-01;Name=Smp_083120.1;product=Mitochondrial chaperone
BCS1;date_creation=2022-07-28
SM_V9_1 iris    exon    57789795        57790353        .       +
        .       Parent=Smp_083120.1;Name=63ee19f7-7673-46a4-ac6d-
be058a7e0bb5
SM_V9_1 iris    exon    57791471        57791588        .       +
        .       Parent=Smp_083120.1;Name=c942527b-
e1af-4445-89b9-9f97cf170054
SM_V9_1 iris    exon    57794681        57794785        .       +
        .       Parent=Smp_083120.1;Name=d45c813b-00fb-4b22-
a89c-40a153e5abbf
SM_V9_1 iris    exon    57796345        57796518        .       +
        .       Parent=Smp_083120.1;Name=93cb21ad-d7e8-48b0-a2b6-
f84ee0892311
SM_V9_1 iris    exon    57796562        57796670        .       +
        .       Parent=Smp_083120.1;Name=162addc0-6300-4b1a-
b3a0-1fba917944a8
SM_V9_1 iris    exon    57799749        57800174        .       +
        .       Parent=Smp_083120.1;Name=cbe2ef39-1423-4409-
b729-189c9b22d29d
SM_V9_1 iris    CDS     57789799        57790353        .       +
        0       Parent=Smp_083120.1
SM_V9_1 iris    CDS     57791471        57791588        .       +
        0       Parent=Smp_083120.1
SM_V9_1 iris    CDS     57794681        57794785        .       +
        2       Parent=Smp_083120.1
SM_V9_1 iris    CDS     57796345        57796518        .       +
        2       Parent=Smp_083120.1
SM_V9_1 iris    CDS     57796562        57796670        .       +
        2       Parent=Smp_083120.1
SM_V9_1 iris    CDS     57799749        57800019        .       +
        1       Parent=Smp_083120.1
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SM_V9_1 iris    gene    57801679        57836377        .       -
       .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57801679        57836377        .       -
       .
ID=Smp_167220.1;Parent=Smp_167220;geneID=Smp_167220;gene_name=Smp_16
7220;owner=irisadmin@local.host;orig_id=Smp_167220.1;date_last_modif
ied=2022-08-01;Name=Smp_167220.1;product=Translation initiation
factor IF-2, mitochondrial;date_creation=2022-07-28
SM_V9_1 iris    exon    57801679        57802251        .       -
       .       Parent=Smp_167220.1;Name=83e113bd-25ed-4e20-ba3f-
ceda6f5e8fba
SM_V9_1 iris    exon    57803775        57803921        .       -
       .
Parent=Smp_167220.1;Name=c08f162e-1570-459b-831f-57da4b97b2ca
SM_V9_1 iris    exon    57805143        57805307        .       -
       .       Parent=Smp_167220.1;Name=7d46e38a-e56b-483c-
a9d1-1c34a3de02d5
SM_V9_1 iris    exon    57806629        57806842        .       -
       .
Parent=Smp_167220.1;Name=b4216ae3-7fb8-4562-8297-2303f2ae9bc4
SM_V9_1 iris    exon    57812427        57812594        .       -
       .       Parent=Smp_167220.1;Name=4ccd07eb-
f2c6-44fa-9229-4c62306b2296
SM_V9_1 iris    exon    57813516        57813729        .       -
       .
Parent=Smp_167220.1;Name=cbb28664-6d27-4ecb-8a76-6a7c62ea7ebe
SM_V9_1 iris    exon    57814456        57814670        .       -
       .       Parent=Smp_167220.1;Name=ab81174d-9813-44b1-
ae49-1d3abcffe59d
SM_V9_1 iris    exon    57819093        57819142        .       -
       .
Parent=Smp_167220.1;Name=28cf08a4-5d4d-45cb-8c07-45278fc12300
SM_V9_1 iris    exon    57828734        57829116        .       -
       .       Parent=Smp_167220.1;Name=d90c4bb7-8c0a-45dc-
a5f3-6277c766ecd4
SM_V9_1 iris    exon    57830795        57830903        .       -
       .       Parent=Smp_167220.1;Name=0808fd50-
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SM_V9_1 iris    exon    57830939        57831080        .       -
       .       Parent=Smp_167220.1;Name=8b10928c-aefb-4354-
afc8-54db9ffc5028
SM_V9_1 iris    exon    57831116        57831319        .       -
       .       Parent=Smp_167220.1;Name=979622fa-
de43-495e-82dc-09db1e3a9ffb
SM_V9_1 iris    exon    57831366        57831418        .       -
       .       Parent=Smp_167220.1;Name=bd998739-0a9a-4c93-9a1f-
b8bdbc43fcf4
SM_V9_1 iris    exon    57836311        57836377        .       -
       .       Parent=Smp_167220.1;Name=1f35cc8d-b7f3-49a3-86f5-
b9f20e191145
SM_V9_1 iris    CDS     57801845        57802251        .       -
       2       Parent=Smp_167220.1
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SM_V9_1 iris    CDS     57803775        57803921        .       -
        2       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57805143        57805307        .       -
        2       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57806629        57806842        .       -
        0       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57812427        57812594        .       -
        0       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57813516        57813729        .       -
        1       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57814456        57814670        .       -
        0       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57819093        57819142        .       -
        2       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57828734        57829116        .       -
        1       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57830795        57830903        .       -
        2       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57830939        57831080        .       -
        0       Parent=Smp_167220.1
SM_V9_1 iris    CDS     57831116        57831211        .       -
        0       Parent=Smp_167220.1
SM_V9_1 iris    gene    57854044        57855811        .       +
        .
ID=Smp_200570;geneID=Smp_200570;gene_name=Smp_200570;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    57854044        57855811        .       +
        .
ID=Smp_200570.1;Parent=Smp_200570;geneID=Smp_200570;gene_name=Smp_20
0570;owner=irisadmin@local.host;orig_id=Smp_200570.1;date_last_modif
ied=2022-08-01;Name=Smp_200570.1;product=Ribosomal RNA small subunit
methyltransferase H;date_creation=2022-07-28
SM_V9_1 iris    exon    57854044        57855811        .       +
        .       Parent=Smp_200570.1;Name=Smp_200570.1-CDS
SM_V9_1 iris    CDS     57854350        57854844        .       +
        0       Parent=Smp_200570.1
SM_V9_1 iris    gene    57871502        57891140        .       -
        .
ID=Smp_345710;geneID=Smp_345710;gene_name=Smp_345710;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    57871502        57891140        .       -
        .
ID=Smp_345710.1;Parent=Smp_345710;geneID=Smp_345710;gene_name=Smp_34
5710;owner=irisadmin@local.host;orig_id=Smp_345710.1;date_last_modif
ied=2022-08-01;Name=Smp_345710.1;product=Sodium/hydrogen exchanger
9;date_creation=2022-08-01
SM_V9_1 iris    exon    57871502        57872596        .       -
        .       Parent=Smp_345710.1;Name=46ebb738-
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SM_V9_1 iris    exon    57878402        57878648        .       -
        .       Parent=Smp_345710.1;Name=d50cc7ca-89d0-44a4-
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SM_V9_1 iris    exon    57879855        57879931        .       -
        .       Parent=Smp_345710.1;Name=f3ae16e9-a020-49f8-b74c-
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b14422670cb3
SM_V9_1 iris    exon    57880955        57880985        .       -
        .       Parent=Smp_345710.1;Name=6d1fb54d-996d-464c-9945-
e189d80c5428
SM_V9_1 iris    exon    57882150        57882700        .       -
        .       Parent=Smp_345710.1;Name=4d5868ed-
e244-47e1-9d8a-6c12af2b52d4
SM_V9_1 iris    exon    57886306        57886394        .       -
        .       Parent=Smp_345710.1;Name=4e54418e-a066-4de9-8179-
d3654edf39c5
SM_V9_1 iris    exon    57889796        57890037        .       -
        .       Parent=Smp_345710.1;Name=6ea06abb-6d14-4cc3-
b4b0-6f1f5f964335
SM_V9_1 iris    exon    57890142        57890273        .       -
        .       Parent=Smp_345710.1;Name=12c28309-a6fa-41a7-b167-
f9be5be057b0
SM_V9_1 iris    exon    57890311        57890382        .       -
        .       Parent=Smp_345710.1;Name=b1c8a4c3-
f517-44da-8699-9fa2c3fe06f5
SM_V9_1 iris    exon    57890416        57890492        .       -
        .       Parent=Smp_345710.1;Name=38dcfc1f-569c-434e-87a4-
bc976c1daf30
SM_V9_1 iris    exon    57890526        57890603        .       -
        .       Parent=Smp_345710.1;Name=c36b7710-b29a-408f-
b6da-8e89aedbd478
SM_V9_1 iris    exon    57890632        57890861        .       -
        .       Parent=Smp_345710.1;Name=1f8e28c8-
a04f-45d5-9402-61dbe68928e7
SM_V9_1 iris    exon    57890894        57891140        .       -
        .       Parent=Smp_345710.1;Name=2652e90e-f6a2-4cca-a5ca-
fbb938c32346
SM_V9_1 iris    CDS     57872543        57872596        .       -
        0       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57878402        57878648        .       -
        1       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57879855        57879931        .       -
        0       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57880955        57880985        .       -
        1       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57882150        57882700        .       -
        0       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57886306        57886394        .       -
        2       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57889796        57890037        .       -
        1       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57890142        57890273        .       -
        1       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57890311        57890382        .       -
        1       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57890416        57890492        .       -
        0       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57890526        57890603        .       -
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SM_V9_1 iris    CDS     57890632        57890861        .       -
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        2       Parent=Smp_345710.1
SM_V9_1 iris    CDS     57890894        57891104        .       -
        0       Parent=Smp_345710.1
SM_V9_1 Liftoff gene    57909614        57921947        .       +
        .       ID=Smp_083080;geneID=Smp_083080
SM_V9_1 Liftoff mRNA    57909614        57921947        .       +
        .
ID=Smp_083080.1;Parent=Smp_083080;geneID=Smp_083080;product=Activato
r of 90 kDa heat shock protein ATPase homolog
1;polypeptide_domain=InterPro:IPR013538,IPR015310,IPR023393
Pfam:PF08327,PF09229;Ontology_term=GO:0001671,GO:0006950,GO:0051087
SM_V9_1 Liftoff exon    57909614        57909837        .       +
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SM_V9_1 Liftoff exon    57909885        57909995        .       +
        .       Parent=Smp_083080.1
SM_V9_1 Liftoff exon    57912127        57912339        .       +
        .       Parent=Smp_083080.1
SM_V9_1 Liftoff exon    57912380        57912600        .       +
        .       Parent=Smp_083080.1
SM_V9_1 Liftoff exon    57918396        57918497        .       +
        .       Parent=Smp_083080.1
SM_V9_1 Liftoff exon    57921615        57921947        .       +
        .       Parent=Smp_083080.1
SM_V9_1 Liftoff CDS     57909678        57909837        .       +
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SM_V9_1 Liftoff CDS     57909885        57909995        .       +
        2       Parent=Smp_083080.1
SM_V9_1 Liftoff CDS     57912127        57912339        .       +
        2       Parent=Smp_083080.1
SM_V9_1 Liftoff CDS     57912380        57912600        .       +
        2       Parent=Smp_083080.1
SM_V9_1 Liftoff CDS     57918396        57918497        .       +
        0       Parent=Smp_083080.1
SM_V9_1 Liftoff CDS     57921615        57921839        .       +
        0       Parent=Smp_083080.1
SM_V9_1 Liftoff gene    57926668        57935288        .       -
        .       ID=Smp_167200;geneID=Smp_167200
SM_V9_1 Liftoff mRNA    57926668        57935288        .       -
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family AAA domain-containing protein 3-
A;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR021911,IPR02741
7 Pfam:PF00004,PF12037;Ontology_term=GO:0005524
SM_V9_1 Liftoff exon    57926668        57926975        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57928820        57929099        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57930623        57930745        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57931565        57931689        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57933290        57933415        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57934048        57934104        .       -
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SM_V9_1 Liftoff exon    57934138        57934529        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57934585        57934654        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57934688        57934849        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57934901        57934977        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff exon    57935012        57935288        .       -
        .       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57926832        57926975        .       -
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SM_V9_1 Liftoff CDS     57928820        57929099        .       -
        1       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57930623        57930745        .       -
        1       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57931565        57931689        .       -
        0       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57933290        57933415        .       -
        0       Parent=Smp_167200.1
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        0       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57934138        57934529        .       -
        2       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57934585        57934654        .       -
        0       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57934688        57934849        .       -
        0       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57934901        57934977        .       -
        2       Parent=Smp_167200.1
SM_V9_1 Liftoff CDS     57935012        57935204        .       -
        0       Parent=Smp_167200.1
SM_V9_1 Liftoff gene    57953994        58063799        .       +
        .       ID=Smp_167190;geneID=Smp_167190
SM_V9_1 Liftoff mRNA    57953994        58063799        .       +
        .
ID=Smp_167190.1;Parent=Smp_167190;geneID=Smp_167190;product=Latent-
transforming growth factor beta-binding protein
4;polypeptide_domain=InterPro:IPR000152,IPR000742,IPR001881,IPR00903
0,IPR013032,IPR018097,IPR026823
Pfam:PF07645,PF12662;Ontology_term=GO:0005509
SM_V9_1 Liftoff exon    57953994        57976347        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57980372        57980557        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57982181        57982307        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57983052        57983792        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57985837        57985977        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57989505        57989645        .       +
        .       Parent=Smp_167190.1
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SM_V9_1 Liftoff exon    57990633        57990741        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57991378        57991451        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57997118        57997255        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57998623        57998731        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    57999521        57999588        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58000846        58000986        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58002790        58002915        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58009918        58010058        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58011535        58011663        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58013042        58013188        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58022720        58022873        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58041530        58041755        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff exon    58062446        58063799        .       +
        .       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57975994        57976347        .       +
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SM_V9_1 Liftoff CDS     57980372        57980557        .       +
        0       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57982181        57982307        .       +
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SM_V9_1 Liftoff CDS     57983052        57983792        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57985837        57985977        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57989505        57989645        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57990633        57990741        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57991378        57991451        .       +
        1       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57997118        57997255        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57998623        57998731        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     57999521        57999588        .       +
        1       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     58000846        58000986        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     58002790        58002915        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     58009918        58010058        .       +
        2       Parent=Smp_167190.1
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SM_V9_1 Liftoff CDS     58011535        58011663        .       +
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SM_V9_1 Liftoff CDS     58013042        58013188        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     58022720        58022873        .       +
        2       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     58041530        58041755        .       +
        1       Parent=Smp_167190.1
SM_V9_1 Liftoff CDS     58062446        58062658        .       +
        0       Parent=Smp_167190.1
SM_V9_1 iris    gene    58084816        58108336        .       -
        .
ID=Smp_083040;geneID=Smp_083040;gene_name=Smp_083040;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58084816        58108336        .       -
        .
ID=Smp_083040.1;Parent=Smp_083040;geneID=Smp_083040;gene_name=Smp_08
3040;owner=irisadmin@local.host;orig_id=Smp_083040.1;date_last_modif
ied=2022-08-01;Name=Smp_083040.1;product=Alpha-
adducin;date_creation=2022-07-28
SM_V9_1 iris    exon    58084816        58087079        .       -
        .       Parent=Smp_083040.1;Name=2250073c-e6a2-4c3f-
a06d-6508eb796105
SM_V9_1 iris    exon    58087459        58087523        .       -
        .       Parent=Smp_083040.1;Name=87b6cd17-994f-4960-bbe0-
d0054b071ce4
SM_V9_1 iris    exon    58094706        58094777        .       -
        .       Parent=Smp_083040.1;Name=60fc8942-
d171-445c-9087-83b24937108d
SM_V9_1 iris    exon    58095898        58096152        .       -
        .       Parent=Smp_083040.1;Name=1b4e46da-15d3-4f31-
bade-81ee56798dc6
SM_V9_1 iris    exon    58096436        58096527        .       -
        .
Parent=Smp_083040.1;Name=27f6c663-0725-4814-9499-0e7677dd8ba7
SM_V9_1 iris    exon    58097409        58097667        .       -
        .       Parent=Smp_083040.1;Name=9b1dd426-c7ab-47c6-ac2c-
bc137fa5278d
SM_V9_1 iris    exon    58098175        58098349        .       -
        .       Parent=Smp_083040.1;Name=00b2ccac-37eb-4d8c-b49a-
ebc3349c8e16
SM_V9_1 iris    exon    58099495        58099746        .       -
        .       Parent=Smp_083040.1;Name=aac63c6a-df8a-48b3-
ba73-6211a7d9ddbf
SM_V9_1 iris    exon    58102684        58102814        .       -
        .       Parent=Smp_083040.1;Name=a195637e-3265-4510-
a88d-2bee511a4d5d
SM_V9_1 iris    exon    58104817        58104916        .       -
        .
Parent=Smp_083040.1;Name=e82aaa13-1a98-4958-8e64-50fae43c26ac
SM_V9_1 iris    exon    58105820        58105971        .       -
        .
Parent=Smp_083040.1;Name=ddb45003-1383-43d3-965e-2e3f19d52511
SM_V9_1 iris    exon    58106112        58106144        .       -
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        .       Parent=Smp_083040.1;Name=70201f06-96f4-4bdc-
b85f-93d1d67e8e9e
SM_V9_1 iris    exon    58107950        58108132        .       -
        .
Parent=Smp_083040.1;Name=6bd37476-59b8-4304-8771-2303fd15a9ce
SM_V9_1 iris    exon    58108166        58108336        .       -
        .       Parent=Smp_083040.1;Name=beaf79da-1b98-4f0a-
a258-890adc834c05
SM_V9_1 iris    CDS     58086999        58087079        .       -
        0       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58087459        58087523        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58094706        58094777        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58095898        58096152        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58096436        58096527        .       -
        1       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58097409        58097667        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58098175        58098349        .       -
        0       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58099495        58099746        .       -
        0       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58102684        58102814        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58104817        58104916        .       -
        0       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58105820        58105971        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58106112        58106144        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58107950        58108132        .       -
        2       Parent=Smp_083040.1
SM_V9_1 iris    CDS     58108166        58108196        .       -
        0       Parent=Smp_083040.1
SM_V9_1 iris    mRNA    58084816        58108336        .       -
        .
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SM_V9_1 iris    exon    58084816        58087079        .       -
        .
Parent=Smp_083040.2;Name=20aad428-495a-45cb-8235-7d629b87e19b
SM_V9_1 iris    exon    58087459        58087523        .       -
        .       Parent=Smp_083040.2;Name=afd0f96a-41ad-4397-
b320-7ab400ab5b92
SM_V9_1 iris    exon    58094706        58094777        .       -
        .       Parent=Smp_083040.2;Name=3020b9e2-0b42-46f5-a2e5-
c02e97cc4204
SM_V9_1 iris    exon    58096436        58096527        .       -
        .       Parent=Smp_083040.2;Name=725af959-7d53-4a22-8b56-
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SM_V9_1 iris    exon    58097409        58097667        .       -
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        .       Parent=Smp_083040.2;Name=e31afeec-2677-4b2b-
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SM_V9_1 iris    exon    58098175        58098349        .       -
        .       Parent=Smp_083040.2;Name=5fe731e2-b8a6-476a-94ab-
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SM_V9_1 iris    exon    58099495        58099746        .       -
        .       Parent=Smp_083040.2;Name=7101d0ea-e382-4c3f-
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SM_V9_1 iris    exon    58102684        58102814        .       -
        .       Parent=Smp_083040.2;Name=c7495a19-b344-45b2-
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SM_V9_1 iris    exon    58104817        58104916        .       -
        .       Parent=Smp_083040.2;Name=bf07268b-dc83-4708-
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SM_V9_1 iris    exon    58105820        58105971        .       -
        .       Parent=Smp_083040.2;Name=920845f5-
a9c2-4c90-8b9a-801c004217b8
SM_V9_1 iris    exon    58106112        58106144        .       -
        .       Parent=Smp_083040.2;Name=6364bee1-e4b5-41f6-
a4aa-91604e7f4220
SM_V9_1 iris    exon    58107950        58108132        .       -
        .       Parent=Smp_083040.2;Name=df6d8a05-4d1e-4648-a73e-
a5fe013cb087
SM_V9_1 iris    exon    58108166        58108336        .       -
        .       Parent=Smp_083040.2;Name=4517d1d9-
bee8-4776-81a4-5422ead298a5
SM_V9_1 iris    CDS     58086999        58087079        .       -
        0       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58087459        58087523        .       -
        2       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58094706        58094777        .       -
        2       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58096436        58096527        .       -
        1       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58097409        58097667        .       -
        2       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58098175        58098349        .       -
        0       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58099495        58099746        .       -
        0       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58102684        58102814        .       -
        2       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58104817        58104916        .       -
        0       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58105820        58105971        .       -
        2       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58106112        58106144        .       -
        2       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58107950        58108132        .       -
        2       Parent=Smp_083040.2
SM_V9_1 iris    CDS     58108166        58108196        .       -
        0       Parent=Smp_083040.2
SM_V9_1 Liftoff gene    58114305        58126529        .       +
        .       ID=Smp_083030;geneID=Smp_083030
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SM_V9_1 Liftoff mRNA    58114305        58126529        .       +
       .
ID=Smp_083030.1;Parent=Smp_083030;geneID=Smp_083030;product=Ubiquiti
n-conjugating enzyme E2
Z;polypeptide_domain=InterPro:IPR000608,IPR016135 Pfam:PF00179
SM_V9_1 Liftoff exon    58114305        58124275        .       +
       .       Parent=Smp_083030.1
SM_V9_1 Liftoff exon    58124312        58124531        .       +
       .       Parent=Smp_083030.1
SM_V9_1 Liftoff exon    58125717        58126529        .       +
       .       Parent=Smp_083030.1
SM_V9_1 Liftoff CDS     58124124        58124275        .       +
       0       Parent=Smp_083030.1
SM_V9_1 Liftoff CDS     58124312        58124531        .       +
       1       Parent=Smp_083030.1
SM_V9_1 Liftoff CDS     58125717        58126193        .       +
       0       Parent=Smp_083030.1
SM_V9_1 iris    gene    58127140        58137251        .       -
       .
ID=Smp_083020;geneID=Smp_083020;gene_name=Smp_083020;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58127140        58137251        .       -
       .
ID=Smp_083020.1;Parent=Smp_083020;geneID=Smp_083020;gene_name=Smp_08
3020;owner=irisadmin@local.host;orig_id=Smp_083020.1;date_last_modif
ied=2022-08-01;Name=Smp_083020.1;product=Cytosolic Fe-S cluster
assembly factor NARFL;date_creation=2022-07-28
SM_V9_1 iris    exon    58127140        58127405        .       -
       .       Parent=Smp_083020.1;Name=ac4a335a-9709-41f8-
b4dd-404c9c0bf3de
SM_V9_1 iris    exon    58128687        58128963        .       -
       .       Parent=Smp_083020.1;Name=c95c6b06-2faa-4ff4-bafb-
c71eeb08c196
SM_V9_1 iris    exon    58129359        58129599        .       -
       .       Parent=Smp_083020.1;Name=3cc95ff7-1936-437f-8ec6-
bc19a633a7cb
SM_V9_1 iris    exon    58130271        58130664        .       -
       .       Parent=Smp_083020.1;Name=bb9c7deb-b905-4c64-89d4-
e4bb3148f319
SM_V9_1 iris    exon    58133640        58133967        .       -
       .
Parent=Smp_083020.1;Name=bacc98c0-8374-4c9d-9f71-4174e087969e
SM_V9_1 iris    exon    58133999        58134151        .       -
       .
Parent=Smp_083020.1;Name=22f6afe5-3a62-495f-8d51-2231591380cd
SM_V9_1 iris    exon    58134186        58134278        .       -
       .       Parent=Smp_083020.1;Name=ada6d01b-dbdd-4da8-
bbab-7e1dcd6cb54f
SM_V9_1 iris    exon    58134314        58134442        .       -
       .       Parent=Smp_083020.1;Name=060d5641-4a98-4c8e-
bcf7-25d1d3dc3260
SM_V9_1 iris    exon    58137145        58137251        .       -
       .       Parent=Smp_083020.1;Name=9585a7cc-97d0-45c7-
bf51-2343d5ffe8af
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SM_V9_1 iris    CDS     58127191        58127405        .       -
        2       Parent=Smp_083020.1
SM_V9_1 iris    CDS     58128687        58128963        .       -
        0       Parent=Smp_083020.1
SM_V9_1 iris    CDS     58129359        58129599        .       -
        1       Parent=Smp_083020.1
SM_V9_1 iris    CDS     58130271        58130664        .       -
        2       Parent=Smp_083020.1
SM_V9_1 iris    CDS     58133640        58133967        .       -
        0       Parent=Smp_083020.1
SM_V9_1 iris    CDS     58133999        58134151        .       -
        0       Parent=Smp_083020.1
SM_V9_1 iris    CDS     58134186        58134278        .       -
        0       Parent=Smp_083020.1
SM_V9_1 iris    CDS     58134314        58134394        .       -
        0       Parent=Smp_083020.1
SM_V9_1 Liftoff gene    58152121        58154879        .       +
        .       ID=Smp_118220;geneID=Smp_118220
SM_V9_1 Liftoff mRNA    58152121        58154879        .       +
        .
ID=Smp_118220.1;Parent=Smp_118220;geneID=Smp_118220;product=Ubiquiti
n-conjugating enzyme E2
A;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_1 Liftoff exon    58152121        58154879        .       +
        .       Parent=Smp_118220.1
SM_V9_1 Liftoff CDS     58154245        58154715        .       +
        0       Parent=Smp_118220.1
SM_V9_1 Liftoff gene    58159406        58166241        .       -
        .       ID=Smp_167170;geneID=Smp_167170
SM_V9_1 Liftoff mRNA    58159406        58166241        .       -
        .
ID=Smp_167170.1;Parent=Smp_167170;geneID=Smp_167170;product=Ancient
ubiquitous protein
1;polypeptide_domain=InterPro:IPR003892;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    58159406        58159947        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58160959        58161259        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58162356        58162556        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58163895        58163933        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58163973        58164082        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58164114        58164204        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58165610        58165763        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58165800        58165934        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff exon    58165967        58166241        .       -
        .       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58159697        58159947        .       -
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        2       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58160959        58161259        .       -
        0       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58162356        58162556        .       -
        0       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58163895        58163933        .       -
        0       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58163973        58164082        .       -
        2       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58164114        58164204        .       -
        0       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58165610        58165763        .       -
        1       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58165800        58165934        .       -
        1       Parent=Smp_167170.1
SM_V9_1 Liftoff CDS     58165967        58165971        .       -
        0       Parent=Smp_167170.1
SM_V9_1 iris    gene    58174805        58223265        .       +
        .
ID=Smp_167160;geneID=Smp_167160;gene_name=Smp_167160;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58174805        58223265        .       +
        .
ID=Smp_167160.1;Parent=Smp_167160;geneID=Smp_167160;gene_name=Smp_16
7160;owner=irisadmin@local.host;orig_id=Smp_167160.2;date_last_modif
ied=2022-08-01;Name=Smp_167160.1;product=Dynamin-binding
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    58174805        58175138        .       +
        .       Parent=Smp_167160.1;Name=8b29505b-33f1-4541-83a7-
d01ba6ac7a93
SM_V9_1 iris    exon    58185592        58185867        .       +
        .       Parent=Smp_167160.1;Name=c4d78c91-8b01-4b10-
b99c-60024bd2ef96
SM_V9_1 iris    exon    58187871        58187911        .       +
        .       Parent=Smp_167160.1;Name=5922a991-7915-4a90-
a786-95b9eecc05cf
SM_V9_1 iris    exon    58191889        58191931        .       +
        .
Parent=Smp_167160.1;Name=e5b08734-9a44-4e25-91c6-11d39533b24e
SM_V9_1 iris    exon    58199323        58199699        .       +
        .       Parent=Smp_167160.1;Name=9b359899-
b012-4f81-9f5d-7562a0b96a4a
SM_V9_1 iris    exon    58200949        58201081        .       +
        .
Parent=Smp_167160.1;Name=1351f94a-07db-44d9-9b5f-86a6bbd1f33f
SM_V9_1 iris    exon    58202006        58202091        .       +
        .       Parent=Smp_167160.1;Name=7e1e52db-f746-4406-
bdc5-9835371540c3
SM_V9_1 iris    exon    58202694        58202837        .       +
        .       Parent=Smp_167160.1;Name=04257bba-
d975-4a03-8cbe-39814054bc19
SM_V9_1 iris    exon    58204752        58204857        .       +
        .       Parent=Smp_167160.1;Name=332df9b5-e2d4-44f0-9e78-
dd3e92e758b1
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SM_V9_1 iris    exon    58206273        58206388        .       +
        .       Parent=Smp_167160.1;Name=931b2bea-02d9-41c2-97d9-
afce5d1e77c6
SM_V9_1 iris    exon    58210395        58210496        .       +
        .       Parent=Smp_167160.1;Name=d436caae-a2f4-4447-8c75-
e71f43f10b77
SM_V9_1 iris    exon    58212216        58212401        .       +
        .       Parent=Smp_167160.1;Name=9ffe6fc5-97d6-4e1e-9acd-
cf6c878f3f82
SM_V9_1 iris    exon    58214668        58214814        .       +
        .       Parent=Smp_167160.1;Name=92202a93-80be-4af4-
b28c-64fb5bbba35b
SM_V9_1 iris    exon    58216887        58217087        .       +
        .       Parent=Smp_167160.1;Name=604698a1-9590-4996-
b8a0-1211d91aa598
SM_V9_1 iris    exon    58220230        58220431        .       +
        .
Parent=Smp_167160.1;Name=0d6413c7-8025-404d-93a2-0d7712b3e84a
SM_V9_1 iris    exon    58221652        58221773        .       +
        .
Parent=Smp_167160.1;Name=07b816ba-8157-4a39-8a11-6510f5f3d323
SM_V9_1 iris    exon    58222548        58223265        .       +
        .       Parent=Smp_167160.1;Name=88e7159d-
c992-42e2-8912-1b30afb286e4
SM_V9_1 iris    CDS     58185762        58185867        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58187871        58187911        .       +
        2       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58191889        58191931        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58199323        58199699        .       +
        2       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58200949        58201081        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58202006        58202091        .       +
        2       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58202694        58202837        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58204752        58204857        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58206273        58206388        .       +
        2       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58210395        58210496        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58212216        58212401        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58214668        58214814        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58216887        58217087        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58220230        58220431        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    CDS     58221652        58221773        .       +
        2       Parent=Smp_167160.1
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SM_V9_1 iris    CDS     58222548        58222865        .       +
        0       Parent=Smp_167160.1
SM_V9_1 iris    mRNA    58191285        58223265        .       +
        .
ID=Smp_167160.2;Parent=Smp_167160;geneID=Smp_167160;gene_name=Smp_16
7160;owner=irisadmin@local.host;orig_id=Smp_167160.1;date_last_modif
ied=2022-08-01;Name=Smp_167160.2;product=Dynamin-binding
protein;date_creation=2022-07-28
SM_V9_1 iris    exon    58191285        58191330        .       +
        .       Parent=Smp_167160.2;Name=1a17b1c6-cb4b-42a9-a998-
a6fe738badf4
SM_V9_1 iris    exon    58191889        58191931        .       +
        .       Parent=Smp_167160.2;Name=a0702f47-493e-4491-
a93b-13a78a29b096
SM_V9_1 iris    exon    58199323        58199699        .       +
        .       Parent=Smp_167160.2;Name=adff64ea-2a82-4277-9a5b-
ef761a229870
SM_V9_1 iris    exon    58200949        58201081        .       +
        .       Parent=Smp_167160.2;Name=2fdfb595-7ecf-4782-
ab5d-35a9bc2dc381
SM_V9_1 iris    exon    58202006        58202091        .       +
        .       Parent=Smp_167160.2;Name=fef5d143-bd77-465b-8efe-
afd2845bca71
SM_V9_1 iris    exon    58202694        58202837        .       +
        .       Parent=Smp_167160.2;Name=bf975648-4a36-46e7-8dd5-
ab326f97394d
SM_V9_1 iris    exon    58204752        58204857        .       +
        .       Parent=Smp_167160.2;Name=92258e8b-ee9a-4d7b-
a1a6-033a615f3e22
SM_V9_1 iris    exon    58206273        58206388        .       +
        .       Parent=Smp_167160.2;Name=82f50b30-0b7a-427f-911f-
d5a8b3a094a4
SM_V9_1 iris    exon    58210395        58210496        .       +
        .
Parent=Smp_167160.2;Name=e0f232c7-29f6-4e23-84e8-9c3757760739
SM_V9_1 iris    exon    58212216        58212401        .       +
        .       Parent=Smp_167160.2;Name=01bfffd4-bbdd-4d06-
b8cf-339bf8151f33
SM_V9_1 iris    exon    58214668        58214814        .       +
        .       Parent=Smp_167160.2;Name=9069dc10-3234-4830-
abd8-5f8e98a70a22
SM_V9_1 iris    exon    58216887        58217087        .       +
        .       Parent=Smp_167160.2;Name=c35872e9-4f96-4dd8-84e5-
ecc5f48b8e1a
SM_V9_1 iris    exon    58220230        58220431        .       +
        .       Parent=Smp_167160.2;Name=e7e3fe18-d362-4139-a6da-
ccc870feff90
SM_V9_1 iris    exon    58221652        58221773        .       +
        .       Parent=Smp_167160.2;Name=fc8e69eb-62db-4915-8a7d-
ad9ba702d476
SM_V9_1 iris    exon    58222548        58223265        .       +
        .       Parent=Smp_167160.2;Name=20a30156-df20-4dba-8930-
d858bd13a87a
SM_V9_1 iris    CDS     58199430        58199699        .       +
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        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58200949        58201081        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58202006        58202091        .       +
        2       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58202694        58202837        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58204752        58204857        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58206273        58206388        .       +
        2       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58210395        58210496        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58212216        58212401        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58214668        58214814        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58216887        58217087        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58220230        58220431        .       +
        0       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58221652        58221773        .       +
        2       Parent=Smp_167160.2
SM_V9_1 iris    CDS     58222548        58222865        .       +
        0       Parent=Smp_167160.2
SM_V9_1 Liftoff gene    58241815        58252991        .       -
        .
ID=Smp_336360;geneID=Smp_336360;previous_systematic_id=Smp_082990,Sm
p_167150,Smp_213820,Smp_213830
SM_V9_1 Liftoff mRNA    58241815        58252991        .       -
        .
ID=Smp_336360.1;Parent=Smp_336360;geneID=Smp_336360;product=Pre-
mRNA-processing factor
19;polypeptide_domain=InterPro:IPR001680,IPR003613,IPR013083,IPR0139
15,IPR015943,IPR017986,IPR019775,IPR020472
Pfam:PF00400,PF04564,PF08606;Ontology_term=GO:0004842,GO:0005515,GO:
0016567
SM_V9_1 Liftoff exon    58241815        58242164        .       -
        .       Parent=Smp_336360.1
SM_V9_1 Liftoff exon    58243244        58243488        .       -
        .       Parent=Smp_336360.1
SM_V9_1 Liftoff exon    58244968        58245265        .       -
        .       Parent=Smp_336360.1
SM_V9_1 Liftoff exon    58245953        58246234        .       -
        .       Parent=Smp_336360.1
SM_V9_1 Liftoff exon    58247511        58247700        .       -
        .       Parent=Smp_336360.1
SM_V9_1 Liftoff exon    58251844        58251962        .       -
        .       Parent=Smp_336360.1
SM_V9_1 Liftoff exon    58251996        58252991        .       -
        .       Parent=Smp_336360.1
SM_V9_1 Liftoff CDS     58241931        58242164        .       -
        0       Parent=Smp_336360.1
SM_V9_1 Liftoff CDS     58243244        58243488        .       -
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        2       Parent=Smp_336360.1
SM_V9_1 Liftoff CDS     58244968        58245265        .       -
        0       Parent=Smp_336360.1
SM_V9_1 Liftoff CDS     58245953        58246234        .       -
        0       Parent=Smp_336360.1
SM_V9_1 Liftoff CDS     58247511        58247700        .       -
        1       Parent=Smp_336360.1
SM_V9_1 Liftoff CDS     58251844        58251962        .       -
        0       Parent=Smp_336360.1
SM_V9_1 Liftoff CDS     58251996        58252232        .       -
        0       Parent=Smp_336360.1
SM_V9_1 iris    gene    58253076        58254374        .       +
        .
ID=Smp_336365;geneID=Smp_336365;gene_name=Smp_336365;owner=irisadmin
@local.host;date_last_modified=2022-07-28;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58253076        58254374        .       +
        .
ID=Smp_336365.1;Parent=Smp_336365;geneID=Smp_336365;gene_name=Smp_33
6365;owner=irisadmin@local.host;orig_id=Smp_336360.1;date_last_modif
ied=2022-07-28;Name=Smp_336365.1;date_creation=2022-07-28
SM_V9_1 iris    exon    58253076        58253478        .       +
        .       Parent=Smp_336365.1;Name=f6d041fb-9c8f-48b4-8848-
c1865fda32a7
SM_V9_1 iris    exon    58253518        58253620        .       +
        .       Parent=Smp_336365.1;Name=1285d60b-
b055-4c3c-963a-43b31087ac0e
SM_V9_1 iris    exon    58253651        58253835        .       +
        .       Parent=Smp_336365.1;Name=Smp_336365.1-CDS
SM_V9_1 iris    exon    58253874        58254091        .       +
        .       Parent=Smp_336365.1;Name=98b0e56c-
f1ad-4eab-8c8e-65ec5e072180
SM_V9_1 iris    exon    58254130        58254374        .       +
        .       Parent=Smp_336365.1;Name=430e7121-5d70-42e1-
bdba-3ecded9554ca
SM_V9_1 iris    CDS     58253772        58253835        .       +
        0       Parent=Smp_336365.1
SM_V9_1 iris    CDS     58253874        58254091        .       +
        2       Parent=Smp_336365.1
SM_V9_1 Liftoff gene    58271515        58279975        .       +
        .
ID=Smp_341670;geneID=Smp_341670;previous_systematic_id=Smp_098780
SM_V9_1 Liftoff mRNA    58271515        58279975        .       +
        .
ID=Smp_341670.1;Parent=Smp_341670;geneID=Smp_341670;product=Forkhead
box protein
A1;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR018122,IPR0304
56 Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_1 Liftoff exon    58271515        58272819        .       +
        .       Parent=Smp_341670.1
SM_V9_1 Liftoff exon    58275220        58275834        .       +
        .       Parent=Smp_341670.1
SM_V9_1 Liftoff exon    58279199        58279975        .       +
        .       Parent=Smp_341670.1
SM_V9_1 Liftoff CDS     58271579        58272819        .       +
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        0       Parent=Smp_341670.1
SM_V9_1 Liftoff CDS     58275220        58275834        .       +
        1       Parent=Smp_341670.1
SM_V9_1 Liftoff CDS     58279199        58279937        .       +
        1       Parent=Smp_341670.1
SM_V9_1 iris    gene    58293132        58326976        .       -
        .
ID=Smp_176420;geneID=Smp_176420;gene_name=Smp_176420;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    58293132        58326976        .       -
        .
ID=Smp_176420.1;Parent=Smp_176420;geneID=Smp_176420;gene_name=Smp_17
6420;owner=irisadmin@local.host;orig_id=Smp_176420.1;date_last_modif
ied=2022-07-18;Name=Smp_176420.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    58293132        58293440        .       -
        .       Parent=Smp_176420.1;Name=f0505ae5-a258-4e37-
b293-830f755c147c
SM_V9_1 iris    exon    58295608        58295871        .       -
        .       Parent=Smp_176420.1;Name=8aa0d93b-12a4-4f4d-89ed-
bf12d9d4aa81
SM_V9_1 iris    exon    58297715        58297965        .       -
        .
Parent=Smp_176420.1;Name=7406f40b-4042-4313-81c1-10621a4cbafb
SM_V9_1 iris    exon    58301361        58301379        .       -
        .
Parent=Smp_176420.1;Name=b80b520b-6ef4-4c30-87c2-4883758783e1
SM_V9_1 iris    exon    58302997        58303581        .       -
        .       Parent=Smp_176420.1;Name=b93e5836-8bf3-466f-
b4ac-29afcce251b1
SM_V9_1 iris    exon    58304132        58304529        .       -
        .       Parent=Smp_176420.1;Name=1b55a412-cc61-4cc0-bc22-
d31cde2b5eb2
SM_V9_1 iris    exon    58305843        58306478        .       -
        .       Parent=Smp_176420.1;Name=fdc2e797-9ad7-45ef-879d-
e01e8eca144b
SM_V9_1 iris    exon    58308060        58308443        .       -
        .       Parent=Smp_176420.1;Name=60bd484a-e765-4df7-8887-
b93ff6baa7b7
SM_V9_1 iris    exon    58312373        58312399        .       -
        .
Parent=Smp_176420.1;Name=c09d9c7e-6029-4d9d-9780-77fb992c3378
SM_V9_1 iris    exon    58313978        58314039        .       -
        .
Parent=Smp_176420.1;Name=af3d5846-00b2-431e-99a9-939d3c7d1f30
SM_V9_1 iris    exon    58316215        58316387        .       -
        .       Parent=Smp_176420.1;Name=657cef1d-ab8e-44ea-adf6-
c29152388433
SM_V9_1 iris    exon    58318858        58319240        .       -
        .       Parent=Smp_176420.1;Name=46b1830b-8b7c-4bdf-9155-
bc5f1df010c1
SM_V9_1 iris    exon    58321415        58321454        .       -
        .       Parent=Smp_176420.1;Name=67491d6b-
a03b-45b2-98fb-68fd3e104b06
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SM_V9_1 iris    exon    58321502        58321586        .       -
        .       Parent=Smp_176420.1;Name=d8e6d4da-9780-42ae-
a80a-03ea585ed289
SM_V9_1 iris    exon    58322056        58322323        .       -
        .
Parent=Smp_176420.1;Name=ed6a7203-0e81-4057-86ce-3e3f76787cc1
SM_V9_1 iris    exon    58326846        58326976        .       -
        .       Parent=Smp_176420.1;Name=09e14fd0-cc82-4c64-
bfc9-2546eb4bb5b6
SM_V9_1 iris    CDS     58293333        58293440        .       -
        0       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58295608        58295871        .       -
        0       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58297715        58297965        .       -
        2       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58301361        58301379        .       -
        0       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58302997        58303581        .       -
        0       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58304132        58304529        .       -
        2       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58305843        58306478        .       -
        2       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58308060        58308443        .       -
        2       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58312373        58312399        .       -
        2       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58313978        58314039        .       -
        1       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58316215        58316387        .       -
        0       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58318858        58319240        .       -
        2       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58321415        58321454        .       -
        0       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58321502        58321586        .       -
        1       Parent=Smp_176420.1
SM_V9_1 iris    CDS     58322056        58322108        .       -
        0       Parent=Smp_176420.1
SM_V9_1 iris    gene    58337095        58357997        .       +
        .
ID=Smp_098760;geneID=Smp_098760;gene_name=Smp_098760;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    58337095        58357997        .       +
        .
ID=Smp_098760.1;Parent=Smp_098760;geneID=Smp_098760;gene_name=Smp_09
8760;owner=irisadmin@local.host;orig_id=Smp_098760.2;date_last_modif
ied=2022-07-18;Name=Smp_098760.1;product=F-box-like/WD repeat-
containing protein TBL1XR1-B;date_creation=2022-07-18
SM_V9_1 iris    exon    58337095        58337404        .       +
        .       Parent=Smp_098760.1;Name=dc9e337b-7b73-4cc3-a4ff-
c557e76f22cf
SM_V9_1 iris    exon    58337443        58337588        .       +
        .       Parent=Smp_098760.1;Name=a91d3a3d-f6f0-467c-9900-
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ffda236301c5
SM_V9_1 iris    exon    58337624        58338317        .       +
        .       Parent=Smp_098760.1;Name=2395f669-bf69-4c66-
abcf-97394f9c98bf
SM_V9_1 iris    exon    58343487        58343667        .       +
        .       Parent=Smp_098760.1;Name=67fd51fa-dde1-44e5-
b039-071de403451c
SM_V9_1 iris    exon    58344483        58344630        .       +
        .
Parent=Smp_098760.1;Name=7933d941-109d-4fc8-89ad-9a43dfa5063f
SM_V9_1 iris    exon    58345511        58345574        .       +
        .       Parent=Smp_098760.1;Name=ca660be7-9291-4861-
b6c0-9d79d7a6d8e4
SM_V9_1 iris    exon    58346953        58347050        .       +
        .
Parent=Smp_098760.1;Name=895bdfa1-36a9-4059-95b2-42cdaf5a720b
SM_V9_1 iris    exon    58349240        58349300        .       +
        .       Parent=Smp_098760.1;Name=40533922-7b04-479c-
b2e9-6b4ee84adeda
SM_V9_1 iris    exon    58350783        58350904        .       +
        .
Parent=Smp_098760.1;Name=b5e8a956-9563-4e8c-944a-3618559dba3d
SM_V9_1 iris    exon    58351764        58351966        .       +
        .       Parent=Smp_098760.1;Name=9ea56714-7875-4d03-9570-
a7e5212e6e57
SM_V9_1 iris    exon    58354026        58354191        .       +
        .       Parent=Smp_098760.1;Name=7df54724-12b2-4fb9-8018-
ebb74207df4c
SM_V9_1 iris    exon    58355854        58355955        .       +
        .       Parent=Smp_098760.1;Name=5f1875cf-8efc-4ac4-a33c-
b29ff80370aa
SM_V9_1 iris    exon    58356158        58357997        .       +
        .       Parent=Smp_098760.1;Name=2ae212e3-a0e0-4eb5-
b242-520d4b9c9672
SM_V9_1 iris    CDS     58337347        58337404        .       +
        0       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58337443        58337588        .       +
        2       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58337624        58338317        .       +
        0       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58343487        58343667        .       +
        2       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58344483        58344630        .       +
        1       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58345511        58345574        .       +
        0       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58346953        58347050        .       +
        2       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58349240        58349300        .       +
        0       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58350783        58350904        .       +
        2       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58351764        58351966        .       +
        0       Parent=Smp_098760.1
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SM_V9_1 iris    CDS     58354026        58354191        .       +
        1       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58355854        58355955        .       +
        0       Parent=Smp_098760.1
SM_V9_1 iris    CDS     58356158        58356184        .       +
        0       Parent=Smp_098760.1
SM_V9_1 Liftoff gene    58395045        58400729        .       +
        .       ID=Smp_098740;geneID=Smp_098740
SM_V9_1 Liftoff mRNA    58395045        58400729        .       +
        .
ID=Smp_098740.1;Parent=Smp_098740;geneID=Smp_098740;product=Protein
dpy-30 homolog;polypeptide_domain=InterPro:IPR007858 Pfam:PF05186
SM_V9_1 Liftoff exon    58395045        58400489        .       +
        .       Parent=Smp_098740.1
SM_V9_1 Liftoff exon    58400528        58400729        .       +
        .       Parent=Smp_098740.1
SM_V9_1 Liftoff CDS     58400371        58400489        .       +
        0       Parent=Smp_098740.1
SM_V9_1 Liftoff CDS     58400528        58400597        .       +
        1       Parent=Smp_098740.1
SM_V9_1 Liftoff gene    58422875        58460850        .       +
        .       ID=Smp_176410;geneID=Smp_176410
SM_V9_1 Liftoff mRNA    58422875        58460850        .       +
        .
ID=Smp_176410.1;Parent=Smp_176410;geneID=Smp_176410;product=F-box/
LRR-repeat protein
20;polypeptide_domain=InterPro:IPR001810,IPR032675
Pfam:PF12937;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    58422875        58423117        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58445495        58445662        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58448456        58448765        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58452244        58452287        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58454760        58454982        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58456258        58456424        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58457419        58457621        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58459545        58459724        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff exon    58460423        58460850        .       +
        .       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58423103        58423117        .       +
        0       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58445495        58445662        .       +
        0       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58448456        58448765        .       +
        0       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58452244        58452287        .       +
        2       Parent=Smp_176410.1
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SM_V9_1 Liftoff CDS     58454760        58454982        .       +
        0       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58456258        58456424        .       +
        2       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58457419        58457621        .       +
        0       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58459545        58459724        .       +
        1       Parent=Smp_176410.1
SM_V9_1 Liftoff CDS     58460423        58460594        .       +
        1       Parent=Smp_176410.1
SM_V9_1 Liftoff mRNA    58443355        58460840        .       +
        .
ID=Smp_176410.2;Parent=Smp_176410;geneID=Smp_176410;product=F-box/
LRR-repeat protein
20;polypeptide_domain=InterPro:IPR001810,IPR032675
Pfam:PF12937;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    58443355        58443506        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58445495        58445662        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58448456        58448765        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58452244        58452287        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58454760        58454982        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58456258        58456424        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58457419        58457621        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58459545        58459724        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff exon    58460423        58460840        .       +
        .       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58443423        58443506        .       +
        0       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58445495        58445662        .       +
        0       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58448456        58448765        .       +
        0       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58452244        58452287        .       +
        2       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58454760        58454982        .       +
        0       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58456258        58456424        .       +
        2       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58457419        58457621        .       +
        0       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58459545        58459724        .       +
        1       Parent=Smp_176410.2
SM_V9_1 Liftoff CDS     58460423        58460594        .       +
        1       Parent=Smp_176410.2
SM_V9_1 Liftoff gene    58471526        58497303        .       +
        .
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ID=Smp_341660;geneID=Smp_341660;previous_systematic_id=Smp_098710
SM_V9_1 Liftoff mRNA    58471526        58497303        .       +
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ID=Smp_341660.1;Parent=Smp_341660;geneID=Smp_341660;product=Sulfhydr
yl oxidase
2;polypeptide_domain=InterPro:IPR012336,IPR013766,IPR017905
Pfam:PF00085,PF04777;Ontology_term=GO:0016972,GO:0045454,GO:0055114
SM_V9_1 Liftoff exon    58471526        58471822        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58471872        58471972        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58472003        58472124        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58472159        58472219        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58472943        58473052        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58474555        58474638        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58475848        58476010        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58480465        58480578        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58481976        58482108        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58483015        58483498        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff exon    58496390        58497303        .       +
        .       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58471594        58471822        .       +
        0       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58471872        58471972        .       +
        2       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58472003        58472124        .       +
        0       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58472159        58472219        .       +
        1       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58472943        58473052        .       +
        0       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58474555        58474638        .       +
        1       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58475848        58476010        .       +
        1       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58480465        58480578        .       +
        0       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58481976        58482108        .       +
        0       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58483015        58483498        .       +
        2       Parent=Smp_341660.1
SM_V9_1 Liftoff CDS     58496390        58496561        .       +
        1       Parent=Smp_341660.1
SM_V9_1 iris    gene    58532569        58548059        .       +
        .
ID=Smp_337300;geneID=Smp_337300;gene_name=Smp_337300;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58532569        58548059        .       +
        .
ID=Smp_337300.1;Parent=Smp_337300;geneID=Smp_337300;gene_name=Smp_33
7300;owner=irisadmin@local.host;orig_id=Smp_337300.1;date_last_modif
ied=2022-08-01;Name=Smp_337300.1;product=UDP-N-acetylmuramate--L-
alanine ligase;date_creation=2022-07-28
SM_V9_1 iris    exon    58532569        58532895        .       +
        .       Parent=Smp_337300.1;Name=3e0b0de7-525c-414d-9a9c-
f96b4aaad8c0
SM_V9_1 iris    exon    58547858        58548059        .       +
        .
Parent=Smp_337300.1;Name=62ec87a0-334b-41f1-84ab-5275b298ba88
SM_V9_1 iris    CDS     58532688        58532895        .       +
        0       Parent=Smp_337300.1
SM_V9_1 iris    CDS     58547858        58547958        .       +
        2       Parent=Smp_337300.1
SM_V9_1 iris    gene    58633596        58711672        .       +
        .
ID=Smp_176390;geneID=Smp_176390;gene_name=Smp_176390;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    58633596        58711672        .       +
        .
ID=Smp_176390.1;Parent=Smp_176390;geneID=Smp_176390;gene_name=Smp_17
6390;owner=irisadmin@local.host;orig_id=Smp_176390.1;date_last_modif
ied=2022-07-18;Name=Smp_176390.1;product=Protocadherin
alpha-4;date_creation=2022-07-18
SM_V9_1 iris    exon    58633596        58633667        .       +
        .       Parent=Smp_176390.1;Name=cf9917fc-d62d-4f8c-
a025-0ba384175d05
SM_V9_1 iris    exon    58647049        58651335        .       +
        .       Parent=Smp_176390.1;Name=7c2e773b-ae60-43de-
b723-3395568b355d
SM_V9_1 iris    exon    58710740        58711672        .       +
        .       Parent=Smp_176390.1;Name=55cc2566-eee6-45db-
af01-8de76f63338a
SM_V9_1 iris    CDS     58647169        58651335        .       +
        0       Parent=Smp_176390.1
SM_V9_1 iris    CDS     58710740        58711156        .       +
        0       Parent=Smp_176390.1
SM_V9_1 iris    gene    58717791        58736232        .       -
        .
ID=Smp_176380;geneID=Smp_176380;gene_name=Smp_176380;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    58717791        58736232        .       -
        .
ID=Smp_176380.1;Parent=Smp_176380;geneID=Smp_176380;gene_name=Smp_17
6380;owner=irisadmin@local.host;orig_id=Smp_176380.1;date_last_modif
ied=2022-07-18;Name=Smp_176380.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    58717791        58718263        .       -
        .       Parent=Smp_176380.1;Name=e63bd88b-
d021-43f8-88d8-608ae0088582
SM_V9_1 iris    exon    58722557        58722980        .       -
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        .       Parent=Smp_176380.1;Name=d9b6b450-
f040-480f-9298-5b3f7553fc2e
SM_V9_1 iris    exon    58724504        58724647        .       -
        .       Parent=Smp_176380.1;Name=0d98983b-ee62-4dc4-b97b-
b028e08f61f1
SM_V9_1 iris    exon    58726229        58726291        .       -
        .       Parent=Smp_176380.1;Name=234f41d8-af2b-4382-
bd90-5e0fd7631df1
SM_V9_1 iris    exon    58726327        58726453        .       -
        .
Parent=Smp_176380.1;Name=4e8ac98b-36ed-4f95-9c01-01d7ca67a5a5
SM_V9_1 iris    exon    58726494        58726653        .       -
        .       Parent=Smp_176380.1;Name=779f7318-ec5a-4217-9d6e-
b1276cf75966
SM_V9_1 iris    exon    58730810        58730890        .       -
        .       Parent=Smp_176380.1;Name=2f644a8f-38bd-4696-
b6f4-392851e28b49
SM_V9_1 iris    exon    58736172        58736232        .       -
        .       Parent=Smp_176380.1;Name=bf90f635-4881-4222-
a8aa-2149b99b9e99
SM_V9_1 iris    CDS     58718226        58718263        .       -
        2       Parent=Smp_176380.1
SM_V9_1 iris    CDS     58722557        58722980        .       -
        0       Parent=Smp_176380.1
SM_V9_1 iris    CDS     58724504        58724647        .       -
        0       Parent=Smp_176380.1
SM_V9_1 iris    CDS     58726229        58726291        .       -
        0       Parent=Smp_176380.1
SM_V9_1 iris    CDS     58726327        58726453        .       -
        1       Parent=Smp_176380.1
SM_V9_1 iris    CDS     58726494        58726567        .       -
        0       Parent=Smp_176380.1
SM_V9_1 iris    gene    58758616        58792482        .       +
        .
ID=Smp_337850;geneID=Smp_337850;gene_name=Smp_337850;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58758616        58792482        .       +
        .
ID=Smp_337850.1;Parent=Smp_337850;geneID=Smp_337850;gene_name=Smp_33
7850;owner=irisadmin@local.host;orig_id=Smp_337850.1;date_last_modif
ied=2022-08-01;Name=Smp_337850.1;product=Exopolyphosphatase
PRUNE1;date_creation=2022-07-28
SM_V9_1 iris    exon    58758616        58758796        .       +
        .       Parent=Smp_337850.1;Name=ebac0a77-e3d1-4b7b-8401-
dbd0dc2b4f76
SM_V9_1 iris    exon    58760288        58760346        .       +
        .
Parent=Smp_337850.1;Name=3ffede02-5853-49f0-8d11-794b71cc4e3d
SM_V9_1 iris    exon    58760433        58760534        .       +
        .
Parent=Smp_337850.1;Name=5a6ee4b4-9939-46b4-9b5e-1c7859f4267c
SM_V9_1 iris    exon    58760578        58760974        .       +
        .
Parent=Smp_337850.1;Name=7be66810-1e4a-460d-8e66-8c5a45838b0e
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SM_V9_1 iris    exon    58761019        58761201        .       +
        .       Parent=Smp_337850.1;Name=0a4f4c94-4348-40ef-
adcd-3ca2c6195618
SM_V9_1 iris    exon    58771323        58771429        .       +
        .       Parent=Smp_337850.1;Name=cc21e65f-020d-4fba-
a9db-9c9fab66754f
SM_V9_1 iris    exon    58772757        58772954        .       +
        .       Parent=Smp_337850.1;Name=08859d6a-f3ad-45b5-b854-
a538ec08d2c6
SM_V9_1 iris    exon    58773926        58774228        .       +
        .       Parent=Smp_337850.1;Name=1e95204e-90e0-4c81-81e6-
a90d06881a35
SM_V9_1 iris    exon    58780010        58780351        .       +
        .       Parent=Smp_337850.1;Name=4ecb6e16-25c0-44d8-8970-
f0bd9f53a473
SM_V9_1 iris    exon    58781196        58781387        .       +
        .
Parent=Smp_337850.1;Name=e31b94bf-5f41-4a50-86f7-043a734517c4
SM_V9_1 iris    exon    58783207        58783608        .       +
        .       Parent=Smp_337850.1;Name=b4548a82-567a-42a2-
a600-09c14a9b6201
SM_V9_1 iris    exon    58786439        58786460        .       +
        .
Parent=Smp_337850.1;Name=233f99c3-362f-4796-8003-55a37fce2183
SM_V9_1 iris    exon    58788971        58789088        .       +
        .       Parent=Smp_337850.1;Name=c0d5d25f-c98a-48ef-bb55-
dad23233e975
SM_V9_1 iris    exon    58791871        58792482        .       +
        .       Parent=Smp_337850.1;Name=092d74f1-8a5e-4cbf-ae31-
ab0a88b9e924
SM_V9_1 iris    CDS     58760311        58760346        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58760433        58760534        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58760578        58760974        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58761019        58761201        .       +
        2       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58771323        58771429        .       +
        2       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58772757        58772954        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58773926        58774228        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58780010        58780351        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58781196        58781387        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58783207        58783608        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58786439        58786460        .       +
        0       Parent=Smp_337850.1
SM_V9_1 iris    CDS     58788971        58789088        .       +
        2       Parent=Smp_337850.1
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SM_V9_1 iris    CDS     58791871        58791886        .       +
        1       Parent=Smp_337850.1
SM_V9_1 iris    gene    58793588        58799940        .       +
        .
ID=Smp_349620;geneID=Smp_349620;gene_name=Smp_349620;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58793588        58799940        .       +
        .
ID=Smp_349620.1;Parent=Smp_349620;geneID=Smp_349620;gene_name=Smp_34
9620;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349620.1;date_creation=2022-07-28
SM_V9_1 iris    exon    58793588        58793669        .       +
        .       Parent=Smp_349620.1;Name=Smp_349620.1-CDS
SM_V9_1 iris    exon    58795463        58795535        .       +
        .       Parent=Smp_349620.1;Name=c1ac4733-da48-4e87-
b9ea-7b122cd40944
SM_V9_1 iris    exon    58797333        58797403        .       +
        .       Parent=Smp_349620.1;Name=71668bfe-028d-4400-
b3a0-98242dd56ea5
SM_V9_1 iris    exon    58798995        58799082        .       +
        .       Parent=Smp_349620.1;Name=3d5f608a-884a-4cf5-
ae66-3d83598b7c46
SM_V9_1 iris    exon    58799651        58799940        .       +
        .       Parent=Smp_349620.1;Name=25228e44-7435-4540-
a32f-504652c8d82f
SM_V9_1 iris    CDS     58793646        58793669        .       +
        0       Parent=Smp_349620.1
SM_V9_1 iris    CDS     58795463        58795535        .       +
        0       Parent=Smp_349620.1
SM_V9_1 iris    CDS     58797333        58797403        .       +
        2       Parent=Smp_349620.1
SM_V9_1 iris    CDS     58798995        58799082        .       +
        0       Parent=Smp_349620.1
SM_V9_1 iris    CDS     58799651        58799712        .       +
        2       Parent=Smp_349620.1
SM_V9_1 Liftoff gene    58831136        58832136        .       +
        .       ID=Smp_319670;geneID=Smp_319670
SM_V9_1 Liftoff mRNA    58831136        58832136        .       +
        .
ID=Smp_319670.1;Parent=Smp_319670;geneID=Smp_319670;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    58831136        58832136        .       +
        .       Parent=Smp_319670.1
SM_V9_1 Liftoff CDS     58831235        58831453        .       +
        0       Parent=Smp_319670.1
SM_V9_1 iris    gene    58833096        58917044        .       +
        .
ID=Smp_332540;geneID=Smp_332540;gene_name=Smp_332540;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58833096        58917044        .       +
        .
ID=Smp_332540.1;Parent=Smp_332540;geneID=Smp_332540;gene_name=Smp_33
2540;owner=irisadmin@local.host;orig_id=Smp_332540.1;date_last_modif
ied=2022-08-01;Name=Smp_332540.1;product=Aminopeptidase
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N;date_creation=2022-07-28
SM_V9_1 iris    exon    58833096        58834058        .       +
        .       Parent=Smp_332540.1;Name=ae009fd7-5e78-4681-
a091-266f49e5222b
SM_V9_1 iris    exon    58861994        58862047        .       +
        .       Parent=Smp_332540.1;Name=d7bef8df-9921-4d72-8402-
e1c870eed166
SM_V9_1 iris    exon    58869774        58870025        .       +
        .
Parent=Smp_332540.1;Name=b04c5b36-45ab-4c2c-8f6c-6899e6d7310d
SM_V9_1 iris    exon    58871721        58871779        .       +
        .       Parent=Smp_332540.1;Name=0bd1088c-3a86-4aef-bcb5-
b4d5823b7ae1
SM_V9_1 iris    exon    58873281        58873495        .       +
        .
Parent=Smp_332540.1;Name=84ebb349-3d52-4ed0-81d5-7294b244c446
SM_V9_1 iris    exon    58875718        58875805        .       +
        .       Parent=Smp_332540.1;Name=c045cffb-abde-49e8-b51f-
a2c341bc48c6
SM_V9_1 iris    exon    58877673        58877858        .       +
        .       Parent=Smp_332540.1;Name=9fec1e55-4447-45e0-
ad33-4b97f84b5373
SM_V9_1 iris    exon    58880820        58880940        .       +
        .       Parent=Smp_332540.1;Name=412a9342-7e6a-4ac9-871b-
c2b397883c73
SM_V9_1 iris    exon    58882486        58882640        .       +
        .       Parent=Smp_332540.1;Name=fbfe7722-f3ae-475d-a83f-
e1bc1f878a33
SM_V9_1 iris    exon    58883719        58883832        .       +
        .
Parent=Smp_332540.1;Name=b9ee63f5-7e86-48d7-9f3d-4f58de8cd5f5
SM_V9_1 iris    exon    58884726        58884860        .       +
        .       Parent=Smp_332540.1;Name=3a0f7de2-90de-4e6e-
b5ca-8e892f264338
SM_V9_1 iris    exon    58886154        58886219        .       +
        .       Parent=Smp_332540.1;Name=2ece7d08-
bf14-4883-9db5-9669cd148558
SM_V9_1 iris    exon    58890385        58890450        .       +
        .       Parent=Smp_332540.1;Name=defe0e63-a974-46b2-9dca-
d071151a51df
SM_V9_1 iris    exon    58892283        58892461        .       +
        .       Parent=Smp_332540.1;Name=e29d8607-
c590-4427-818d-6bd9a3f0ba90
SM_V9_1 iris    exon    58900242        58900324        .       +
        .       Parent=Smp_332540.1;Name=96a6104c-1901-4497-9eb0-
acd2e8218b1a
SM_V9_1 iris    exon    58901644        58901780        .       +
        .       Parent=Smp_332540.1;Name=98c1912b-0c7d-498e-895c-
a682e42fe4ce
SM_V9_1 iris    exon    58902433        58902488        .       +
        .       Parent=Smp_332540.1;Name=3ca19353-9239-40c3-a9a3-
f9bc70eedd59
SM_V9_1 iris    exon    58904320        58904550        .       +
        .       Parent=Smp_332540.1;Name=b659c976-f3d3-4f7d-a386-
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cc502e49e33c
SM_V9_1 iris    exon    58906828        58906938        .       +
        .       Parent=Smp_332540.1;Name=c0e68ce3-6e8b-4d09-8db6-
aab1e412cc73
SM_V9_1 iris    exon    58909042        58909212        .       +
        .       Parent=Smp_332540.1;Name=66db24a9-6052-44ff-
bc73-6cc2b82be828
SM_V9_1 iris    exon    58910837        58910977        .       +
        .       Parent=Smp_332540.1;Name=9681cb1a-0a8c-4f8d-9faf-
ad1433c72178
SM_V9_1 iris    exon    58912179        58912211        .       +
        .       Parent=Smp_332540.1;Name=640a2271-f37f-47a8-9203-
bd496befbd7f
SM_V9_1 iris    exon    58913261        58913326        .       +
        .       Parent=Smp_332540.1;Name=491d4700-3684-4120-
b1c7-45d66bc3af75
SM_V9_1 iris    exon    58914819        58914894        .       +
        .       Parent=Smp_332540.1;Name=3973fee2-6ab9-43fe-
b974-22397254816a
SM_V9_1 iris    exon    58916160        58917044        .       +
        .       Parent=Smp_332540.1;Name=96330735-2812-444d-bc62-
b52ea2dd47d9
SM_V9_1 iris    CDS     58833776        58834058        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58861994        58862047        .       +
        2       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58869774        58870025        .       +
        2       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58871721        58871779        .       +
        2       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58873281        58873495        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58875718        58875805        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58877673        58877858        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58880820        58880940        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58882486        58882640        .       +
        2       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58883719        58883832        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58884726        58884860        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58886154        58886219        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58890385        58890450        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58892283        58892461        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58900242        58900324        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58901644        58901780        .       +
        2       Parent=Smp_332540.1
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SM_V9_1 iris    CDS     58902433        58902488        .       +
        0       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58904320        58904550        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58906828        58906938        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58909042        58909212        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58910837        58910977        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58912179        58912211        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58913261        58913326        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58914819        58914894        .       +
        1       Parent=Smp_332540.1
SM_V9_1 iris    CDS     58916160        58916333        .       +
        0       Parent=Smp_332540.1
SM_V9_1 Liftoff gene    58922876        58951995        .       +
        .
ID=Smp_247080;geneID=Smp_247080;previous_systematic_id=Smp_174530
SM_V9_1 Liftoff mRNA    58922876        58951995        .       +
        .
ID=Smp_247080.1;Parent=Smp_247080;geneID=Smp_247080;product=Aminopep
tidase N;polypeptide_domain=InterPro:IPR014782,IPR024571,IPR034016
Pfam:PF01433,PF11838;Ontology_term=GO:0008237,GO:0008270
SM_V9_1 Liftoff exon    58922876        58923151        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58924750        58925009        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58926726        58926940        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58928690        58928777        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58929702        58929887        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58930208        58930328        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58930655        58930809        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58931461        58931574        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58932040        58932174        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58932976        58933041        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58934148        58934213        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58934835        58935007        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58937731        58937813        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58938167        58938303        .       +
        .       Parent=Smp_247080.1
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SM_V9_1 Liftoff exon    58943981        58944036        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58945286        58945516        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58946903        58947013        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58947784        58947957        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58949006        58949131        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58949869        58949944        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff exon    58951536        58951995        .       +
        .       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58922932        58923151        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58924750        58925009        .       +
        2       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58926726        58926940        .       +
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SM_V9_1 Liftoff CDS     58928690        58928777        .       +
        1       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58929702        58929887        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58930208        58930328        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58930655        58930809        .       +
        2       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58931461        58931574        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58932040        58932174        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58932976        58933041        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58934148        58934213        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58934835        58935007        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58937731        58937813        .       +
        1       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58938167        58938303        .       +
        2       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58943981        58944036        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58945286        58945516        .       +
        1       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58946903        58947013        .       +
        1       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58947784        58947957        .       +
        1       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58949006        58949131        .       +
        1       Parent=Smp_247080.1
SM_V9_1 Liftoff CDS     58949869        58949944        .       +
        1       Parent=Smp_247080.1
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SM_V9_1 Liftoff CDS     58951536        58951700        .       +
        0       Parent=Smp_247080.1
SM_V9_1 Liftoff gene    58958310        58971738        .       +
        .
ID=Smp_247070;geneID=Smp_247070;previous_systematic_id=Smp_174530
SM_V9_1 Liftoff mRNA    58958310        58971738        .       +
        .
ID=Smp_247070.1;Parent=Smp_247070;geneID=Smp_247070;product=Transmem
brane protease serine
9;polypeptide_domain=InterPro:IPR001254,IPR001314,IPR009003,IPR01811
4 Pfam:PF00089;Ontology_term=GO:0004252,GO:0006508
SM_V9_1 Liftoff exon    58958310        58958661        .       +
        .       Parent=Smp_247070.1
SM_V9_1 Liftoff exon    58960622        58960824        .       +
        .       Parent=Smp_247070.1
SM_V9_1 Liftoff exon    58962287        58962338        .       +
        .       Parent=Smp_247070.1
SM_V9_1 Liftoff exon    58964176        58964282        .       +
        .       Parent=Smp_247070.1
SM_V9_1 Liftoff exon    58967798        58967877        .       +
        .       Parent=Smp_247070.1
SM_V9_1 Liftoff exon    58969442        58969752        .       +
        .       Parent=Smp_247070.1
SM_V9_1 Liftoff exon    58971382        58971738        .       +
        .       Parent=Smp_247070.1
SM_V9_1 Liftoff CDS     58958599        58958661        .       +
        0       Parent=Smp_247070.1
SM_V9_1 Liftoff CDS     58960622        58960824        .       +
        0       Parent=Smp_247070.1
SM_V9_1 Liftoff CDS     58962287        58962338        .       +
        1       Parent=Smp_247070.1
SM_V9_1 Liftoff CDS     58964176        58964282        .       +
        0       Parent=Smp_247070.1
SM_V9_1 Liftoff CDS     58967798        58967877        .       +
        1       Parent=Smp_247070.1
SM_V9_1 Liftoff CDS     58969442        58969752        .       +
        2       Parent=Smp_247070.1
SM_V9_1 Liftoff CDS     58971382        58971573        .       +
        0       Parent=Smp_247070.1
SM_V9_1 Liftoff gene    58975540        58976506        .       -
        .       ID=Smp_201060;geneID=Smp_201060
SM_V9_1 Liftoff mRNA    58975540        58976506        .       -
        .
ID=Smp_201060.1;Parent=Smp_201060;geneID=Smp_201060;product=dynein
light chain;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR001372,IPR019763
Pfam:PF01221;Ontology_term=GO:0005875,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    58975540        58975858        .       -
        .       Parent=Smp_201060.1
SM_V9_1 Liftoff exon    58976283        58976506        .       -
        .       Parent=Smp_201060.1
SM_V9_1 Liftoff CDS     58975780        58975858        .       -
        1       Parent=Smp_201060.1
SM_V9_1 Liftoff CDS     58976283        58976473        .       -
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        0       Parent=Smp_201060.1
SM_V9_1 iris    gene    58987406        58988756        .       +
        .
ID=Smp_095520;geneID=Smp_095520;gene_name=Smp_095520;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    58987406        58988756        .       +
        .
ID=Smp_095520.1;Parent=Smp_095520;geneID=Smp_095520;gene_name=Smp_09
5520;owner=irisadmin@local.host;orig_id=Smp_095520.1;date_last_modif
ied=2022-08-01;Name=Smp_095520.1;product=dynein light
chain;date_creation=2022-07-28
SM_V9_1 iris    exon    58987406        58987750        .       +
        .       Parent=Smp_095520.1;Name=d3617b27-86ef-4066-
a000-3e06e3f69334
SM_V9_1 iris    exon    58988495        58988756        .       +
        .
Parent=Smp_095520.1;Name=ff4c131c-03d9-473d-84e6-43aea1629b86
SM_V9_1 iris    CDS     58987560        58987750        .       +
        0       Parent=Smp_095520.1
SM_V9_1 iris    CDS     58988495        58988573        .       +
        1       Parent=Smp_095520.1
SM_V9_1 Liftoff gene    58996870        58997165        .       +
        .       ID=Smp_319680;geneID=Smp_319680
SM_V9_1 Liftoff mRNA    58996870        58997165        .       +
        .
ID=Smp_319680.1;Parent=Smp_319680;geneID=Smp_319680;product=Dynein
light chain;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    58996870        58997165        .       +
        .       Parent=Smp_319680.1
SM_V9_1 Liftoff CDS     58996910        58997131        .       +
        0       Parent=Smp_319680.1
SM_V9_1 Liftoff gene    59005135        59006996        .       -
        .       ID=Smp_174520;geneID=Smp_174520
SM_V9_1 Liftoff mRNA    59005135        59006996        .       -
        .
ID=Smp_174520.1;Parent=Smp_174520;geneID=Smp_174520;product=Probable
dynein light chain;polypeptide_domain=InterPro:IPR001372,IPR019763
Pfam:PF01221;Ontology_term=GO:0005875,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    59005135        59005360        .       -
        .       Parent=Smp_174520.1
SM_V9_1 Liftoff exon    59006779        59006996        .       -
        .       Parent=Smp_174520.1
SM_V9_1 Liftoff CDS     59005282        59005360        .       -
        1       Parent=Smp_174520.1
SM_V9_1 Liftoff CDS     59006779        59006969        .       -
        0       Parent=Smp_174520.1
SM_V9_1 iris    gene    59013771        59015394        .       -
        .
ID=Smp_341600;geneID=Smp_341600;gene_name=Smp_341600;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_1 iris    mRNA    59013771        59015394        .       -
        .
ID=Smp_341600.1;Parent=Smp_341600;geneID=Smp_341600;gene_name=Smp_34
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1600;owner=irisadmin@local.host;orig_id=Smp_341600.1;date_last_modif
ied=2022-07-31;Name=Smp_341600.1;product=Probable dynein light
chain;date_creation=2022-07-30
SM_V9_1 iris    exon    59013771        59014064        .       -
        .       Parent=Smp_341600.1;Name=60a06527-0989-417f-a8af-
cc205009d3b6
SM_V9_1 iris    exon    59014103        59015394        .       -
        .       Parent=Smp_341600.1;Name=50989cdb-efc2-47ed-855a-
d24cb21a89b0
SM_V9_1 iris    CDS     59013992        59014064        .       -
        1       Parent=Smp_341600.1
SM_V9_1 iris    CDS     59014103        59014302        .       -
        0       Parent=Smp_341600.1
SM_V9_1 iris    gene    59026830        59028820        .       -
        .
ID=Smp_174510;geneID=Smp_174510;gene_name=Smp_174510;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    59026830        59028820        .       -
        .
ID=Smp_174510.1;Parent=Smp_174510;geneID=Smp_174510;gene_name=Smp_17
4510;owner=irisadmin@local.host;orig_id=Smp_174510.1;date_last_modif
ied=2022-08-01;Name=Smp_174510.1;product=Dynein light chain LC6,
flagellar outer arm;date_creation=2022-07-28
SM_V9_1 iris    exon    59026830        59027083        .       -
        .       Parent=Smp_174510.1;Name=5d8844d5-ff29-44a1-bc63-
a7e839135a9e
SM_V9_1 iris    exon    59028554        59028820        .       -
        .       Parent=Smp_174510.1;Name=ca4af729-
ad37-4ada-9522-30d6ecd38a84
SM_V9_1 iris    CDS     59026960        59027083        .       -
        1       Parent=Smp_174510.1
SM_V9_1 iris    CDS     59028554        59028744        .       -
        0       Parent=Smp_174510.1
SM_V9_1 Liftoff gene    59030630        59033793        .       +
        .       ID=Smp_095480;geneID=Smp_095480
SM_V9_1 Liftoff mRNA    59030630        59033793        .       +
        .
ID=Smp_095480.1;Parent=Smp_095480;geneID=Smp_095480;product=Dynein
light chain 1, cytoplasmic;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    59030630        59032565        .       +
        .       Parent=Smp_095480.1
SM_V9_1 Liftoff exon    59032622        59033793        .       +
        .       Parent=Smp_095480.1
SM_V9_1 Liftoff CDS     59032366        59032565        .       +
        0       Parent=Smp_095480.1
SM_V9_1 Liftoff CDS     59032622        59032700        .       +
        1       Parent=Smp_095480.1
SM_V9_1 Liftoff gene    59057801        59060294        .       +
        .       ID=Smp_095470;geneID=Smp_095470
SM_V9_1 Liftoff mRNA    59057801        59060294        .       +
        .
ID=Smp_095470.1;Parent=Smp_095470;geneID=Smp_095470;product=MOB
kinase activator 3B;polypeptide_domain=InterPro:IPR005301
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Pfam:PF03637
SM_V9_1 Liftoff exon    59057801        59057872        .       +
        .       Parent=Smp_095470.1
SM_V9_1 Liftoff exon    59057909        59058059        .       +
        .       Parent=Smp_095470.1
SM_V9_1 Liftoff exon    59058092        59058319        .       +
        .       Parent=Smp_095470.1
SM_V9_1 Liftoff exon    59058353        59058468        .       +
        .       Parent=Smp_095470.1
SM_V9_1 Liftoff exon    59058502        59058588        .       +
        .       Parent=Smp_095470.1
SM_V9_1 Liftoff exon    59059571        59060294        .       +
        .       Parent=Smp_095470.1
SM_V9_1 Liftoff CDS     59057831        59057872        .       +
        0       Parent=Smp_095470.1
SM_V9_1 Liftoff CDS     59057909        59058059        .       +
        0       Parent=Smp_095470.1
SM_V9_1 Liftoff CDS     59058092        59058319        .       +
        2       Parent=Smp_095470.1
SM_V9_1 Liftoff CDS     59058353        59058468        .       +
        2       Parent=Smp_095470.1
SM_V9_1 Liftoff CDS     59058502        59058588        .       +
        0       Parent=Smp_095470.1
SM_V9_1 Liftoff CDS     59059571        59059600        .       +
        0       Parent=Smp_095470.1
SM_V9_1 Liftoff gene    59073244        59080506        .       -
        .       ID=Smp_319690;geneID=Smp_319690
SM_V9_1 Liftoff mRNA    59073244        59080506        .       -
        .
ID=Smp_319690.1;Parent=Smp_319690;geneID=Smp_319690;product=Origin
recognition complex subunit 1
SM_V9_1 Liftoff exon    59073244        59073458        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff exon    59076642        59076701        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff exon    59077671        59077712        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff exon    59078268        59078324        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff exon    59078464        59078520        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff exon    59079025        59079087        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff exon    59079943        59079975        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff exon    59080411        59080506        .       -
        .       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59073382        59073458        .       -
        2       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59076642        59076701        .       -
        2       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59077671        59077712        .       -
        2       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59078268        59078324        .       -
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        2       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59078464        59078520        .       -
        2       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59079025        59079087        .       -
        2       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59079943        59079975        .       -
        2       Parent=Smp_319690.1
SM_V9_1 Liftoff CDS     59080411        59080468        .       -
        0       Parent=Smp_319690.1
SM_V9_1 Liftoff mRNA    59074544        59080506        .       -
        .
ID=Smp_319690.2;Parent=Smp_319690;geneID=Smp_319690;product=Centrome
re protein C
SM_V9_1 Liftoff exon    59074544        59074786        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff exon    59076642        59076701        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff exon    59077671        59077712        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff exon    59078268        59078324        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff exon    59078464        59078520        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff exon    59079025        59079087        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff exon    59079943        59079975        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff exon    59080411        59080506        .       -
        .       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59074713        59074786        .       -
        2       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59076642        59076701        .       -
        2       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59077671        59077712        .       -
        2       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59078268        59078324        .       -
        2       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59078464        59078520        .       -
        2       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59079025        59079087        .       -
        2       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59079943        59079975        .       -
        2       Parent=Smp_319690.2
SM_V9_1 Liftoff CDS     59080411        59080468        .       -
        0       Parent=Smp_319690.2
SM_V9_1 iris    gene    59082920        59096847        .       +
        .
ID=Smp_319700;geneID=Smp_319700;gene_name=Smp_319700;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    59082920        59096847        .       +
        .
ID=Smp_319700.1;Parent=Smp_319700;geneID=Smp_319700;gene_name=Smp_31
9700;owner=irisadmin@local.host;orig_id=Smp_319700.1;date_last_modif
ied=2022-11-14;Name=Smp_319700.1;product=Centromere protein
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C;date_creation=2022-07-28
SM_V9_1 iris    exon    59082920        59083012        .       +
        .       Parent=Smp_319700.1;Name=8975c533-
efce-4053-8573-25c9a67b0a53
SM_V9_1 iris    exon    59083448        59083480        .       +
        .       Parent=Smp_319700.1;Name=ef80f535-a919-4cc1-a2fe-
e53d72b6ff51
SM_V9_1 iris    exon    59084336        59084398        .       +
        .
Parent=Smp_319700.1;Name=6c3e86c2-8ca7-4630-8ccd-0f02c1c34ff9
SM_V9_1 iris    exon    59084903        59084959        .       +
        .       Parent=Smp_319700.1;Name=e6e19293-3335-43e3-9068-
b2e9100af6dd
SM_V9_1 iris    exon    59085099        59085155        .       +
        .       Parent=Smp_319700.1;Name=72b55e2f-d8da-4f95-
ad17-211e802620f9
SM_V9_1 iris    exon    59085711        59085752        .       +
        .       Parent=Smp_319700.1;Name=946febca-2f4e-4ad5-8c84-
a9c50b5a40fc
SM_V9_1 iris    exon    59086722        59086781        .       +
        .       Parent=Smp_319700.1;Name=42d026dc-ab80-494a-9ed1-
d17cd0003bdc
SM_V9_1 iris    exon    59087649        59087717        .       +
        .       Parent=Smp_319700.1;Name=20d9a994-b66b-4080-
ba15-7d737fffa78e
SM_V9_1 iris    exon    59088977        59089021        .       +
        .       Parent=Smp_319700.1;Name=d00eaf90-8b96-46ad-
bde8-259169ea74de
SM_V9_1 iris    exon    59096676        59096847        .       +
        .       Parent=Smp_319700.1;Name=7202a6b1-0e87-4034-
a1cf-1deef4f69898
SM_V9_1 iris    CDS     59082955        59083012        .       +
        0       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59083448        59083480        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59084336        59084398        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59084903        59084959        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59085099        59085155        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59085711        59085752        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59086722        59086781        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59087649        59087717        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59088977        59089021        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    CDS     59096676        59096695        .       +
        2       Parent=Smp_319700.1
SM_V9_1 iris    gene    59111079        59145956        .       -
        .
ID=Smp_071150;geneID=Smp_071150;gene_name=Smp_071150;owner=irisadmin
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    59111079        59145956        .       -
        .
ID=Smp_071150.1;Parent=Smp_071150;geneID=Smp_071150;gene_name=Smp_07
1150;owner=irisadmin@local.host;orig_id=Smp_071150.1;date_last_modif
ied=2022-07-18;Name=Smp_071150.1;product=Formin-binding protein 1-
like;date_creation=2022-07-18
SM_V9_1 iris    exon    59111079        59112301        .       -
        .       Parent=Smp_071150.1;Name=ba4b7589-9745-4714-8d11-
ab048a72b658
SM_V9_1 iris    exon    59114940        59115094        .       -
        .       Parent=Smp_071150.1;Name=45635a90-51c4-4baf-
af88-72be5144ea31
SM_V9_1 iris    exon    59116074        59116204        .       -
        .       Parent=Smp_071150.1;Name=c9ee5828-6c18-4c35-
acf9-7f71dc0cbf4d
SM_V9_1 iris    exon    59118348        59118480        .       -
        .       Parent=Smp_071150.1;Name=8fc065c2-
d7cd-4741-83e0-6627dd545433
SM_V9_1 iris    exon    59130773        59130852        .       -
        .       Parent=Smp_071150.1;Name=350ec9c1-0279-4be7-b4b5-
fd5f8ce45a14
SM_V9_1 iris    exon    59133239        59133538        .       -
        .       Parent=Smp_071150.1;Name=97f9ccb7-ae2c-4e4c-
b999-615dba7650be
SM_V9_1 iris    exon    59134389        59134664        .       -
        .       Parent=Smp_071150.1;Name=c4d2a4ed-c84a-4a0e-
a136-490137387cfc
SM_V9_1 iris    exon    59135631        59135994        .       -
        .       Parent=Smp_071150.1;Name=650d773a-e4a9-48fe-bfdd-
ab99850c0146
SM_V9_1 iris    exon    59136037        59136152        .       -
        .       Parent=Smp_071150.1;Name=d3c704b9-
e969-4798-9017-6aa34059eaf5
SM_V9_1 iris    exon    59145865        59145956        .       -
        .       Parent=Smp_071150.1;Name=31891a23-
a851-4a5c-9764-17fa7f60b6b0
SM_V9_1 iris    CDS     59112147        59112301        .       -
        2       Parent=Smp_071150.1
SM_V9_1 iris    CDS     59114940        59115094        .       -
        1       Parent=Smp_071150.1
SM_V9_1 iris    CDS     59116074        59116204        .       -
        0       Parent=Smp_071150.1
SM_V9_1 iris    CDS     59118348        59118480        .       -
        1       Parent=Smp_071150.1
SM_V9_1 iris    CDS     59130773        59130852        .       -
        0       Parent=Smp_071150.1
SM_V9_1 iris    CDS     59133239        59133538        .       -
        0       Parent=Smp_071150.1
SM_V9_1 iris    CDS     59134389        59134664        .       -
        0       Parent=Smp_071150.1
SM_V9_1 iris    CDS     59135631        59135994        .       -
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SM_V9_1 iris    CDS     59136037        59136152        .       -
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        0       Parent=Smp_071150.1
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SM_V9_1 Liftoff gene    59158220        59175344        .       +
        .       ID=Smp_071140;geneID=Smp_071140
SM_V9_1 Liftoff mRNA    59158220        59175344        .       +
        .
ID=Smp_071140.1;Parent=Smp_071140;geneID=Smp_071140;product=Protein
hu-li tai shao;polypeptide_domain=InterPro:IPR001303 Pfam:PF00596
SM_V9_1 Liftoff exon    59158220        59158327        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59158362        59158610        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59160118        59160272        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59162681        59162780        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59165918        59166048        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59168847        59169149        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59169451        59169881        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59169967        59170222        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59171353        59171812        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59173472        59173566        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff exon    59174524        59175344        .       +
        .       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59158273        59158327        .       +
        0       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59158362        59158610        .       +
        2       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59160118        59160272        .       +
        2       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59162681        59162780        .       +
        0       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59165918        59166048        .       +
        2       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59168847        59169149        .       +
        0       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59169451        59169881        .       +
        0       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59169967        59170222        .       +
        1       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59171353        59171812        .       +
        0       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59173472        59173566        .       +
        2       Parent=Smp_071140.1
SM_V9_1 Liftoff CDS     59174524        59174628        .       +
        0       Parent=Smp_071140.1
SM_V9_1 iris    gene    59324691        59381706        .       -
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ID=Smp_160780;geneID=Smp_160780;gene_name=Smp_160780;owner=irisadmin
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SM_V9_1 iris    mRNA    59324691        59381706        .       -
        .
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0780;owner=irisadmin@local.host;orig_id=Smp_160780.1;date_last_modif
ied=2022-07-18;Name=Smp_160780.1;product=Potassium voltage-gated
channel protein Shal;date_creation=2022-07-18
SM_V9_1 iris    exon    59324691        59326445        .       -
        .       Parent=Smp_160780.1;Name=402c5e4a-2cc2-486c-a2d2-
e0f16f2834c5
SM_V9_1 iris    exon    59340086        59341559        .       -
        .       Parent=Smp_160780.1;Name=be0f74e3-1bbc-4a60-
b100-67dc49ffe7eb
SM_V9_1 iris    exon    59350011        59350358        .       -
        .       Parent=Smp_160780.1;Name=da1390cf-46b4-4349-818e-
f1bea72c1dec
SM_V9_1 iris    exon    59351756        59352304        .       -
        .       Parent=Smp_160780.1;Name=c6a34e0f-1bb9-454b-8737-
b33c6164e5c9
SM_V9_1 iris    exon    59353895        59354057        .       -
        .       Parent=Smp_160780.1;Name=9243adc7-94b5-4b92-
bc4a-8a192cda50bb
SM_V9_1 iris    exon    59356023        59356288        .       -
        .       Parent=Smp_160780.1;Name=33c06a52-b393-4994-b132-
a506a871cacf
SM_V9_1 iris    exon    59380504        59381706        .       -
        .       Parent=Smp_160780.1;Name=99cb2028-e6e8-4164-
a07e-963558810e7b
SM_V9_1 iris    CDS     59340090        59341559        .       -
        0       Parent=Smp_160780.1
SM_V9_1 iris    CDS     59350011        59350358        .       -
        0       Parent=Smp_160780.1
SM_V9_1 iris    CDS     59351756        59352304        .       -
        0       Parent=Smp_160780.1
SM_V9_1 iris    CDS     59353895        59354057        .       -
        1       Parent=Smp_160780.1
SM_V9_1 iris    CDS     59356023        59356288        .       -
        0       Parent=Smp_160780.1
SM_V9_1 iris    CDS     59380504        59381370        .       -
        0       Parent=Smp_160780.1
SM_V9_1 iris    gene    59390247        59402867        .       -
        .
ID=Smp_345230;geneID=Smp_345230;gene_name=Smp_345230;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    59390247        59402867        .       -
        .
ID=Smp_345230.1;Parent=Smp_345230;geneID=Smp_345230;gene_name=Smp_34
5230;owner=irisadmin@local.host;orig_id=Smp_345230.1;date_last_modif
ied=2022-07-18;Name=Smp_345230.1;product=Actin-related protein 2/3
complex subunit 4;date_creation=2022-07-18
SM_V9_1 iris    exon    59390247        59391221        .       -
        .       Parent=Smp_345230.1;Name=d81a5020-60e4-4552-
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a05a-53d401db7a4c
SM_V9_1 iris    exon    59399983        59400303        .       -
        .       Parent=Smp_345230.1;Name=e6a946a9-5dd3-4bfd-
b226-28b9364862d8
SM_V9_1 iris    exon    59402814        59402867        .       -
        .       Parent=Smp_345230.1;Name=65da23d7-d097-45d1-
a0de-932fb3ed4ef7
SM_V9_1 iris    CDS     59391042        59391221        .       -
        0       Parent=Smp_345230.1
SM_V9_1 iris    CDS     59399983        59400303        .       -
        0       Parent=Smp_345230.1
SM_V9_1 iris    CDS     59402814        59402816        .       -
        0       Parent=Smp_345230.1
SM_V9_1 iris    gene    59410771        59435133        .       +
        .
ID=Smp_160760;geneID=Smp_160760;gene_name=Smp_160760;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    59410771        59435133        .       +
        .
ID=Smp_160760.1;Parent=Smp_160760;geneID=Smp_160760;gene_name=Smp_16
0760;owner=irisadmin@local.host;orig_id=Smp_160760.2;date_last_modif
ied=2022-07-18;Name=Smp_160760.1;product=Serine/threonine-protein
kinase N2;date_creation=2022-07-18
SM_V9_1 iris    exon    59410771        59410920        .       +
        .
Parent=Smp_160760.1;Name=292e2d51-0493-4c36-91eb-601bdf738380
SM_V9_1 iris    exon    59410956        59411343        .       +
        .       Parent=Smp_160760.1;Name=b5b84fa5-
d33d-4485-8788-6d98df7af85e
SM_V9_1 iris    exon    59411376        59411470        .       +
        .       Parent=Smp_160760.1;Name=1f07d84f-
e65a-4f09-9b4e-34130eb9e47c
SM_V9_1 iris    exon    59411513        59411671        .       +
        .
Parent=Smp_160760.1;Name=c4f2f9d7-0109-423f-900d-3b4151ea68fb
SM_V9_1 iris    exon    59413643        59413885        .       +
        .
Parent=Smp_160760.1;Name=bf3a07e8-8887-4f7b-9ef0-37c50860746e
SM_V9_1 iris    exon    59417915        59418287        .       +
        .       Parent=Smp_160760.1;Name=d5710f7d-518a-4b53-b219-
ed337fe0ac83
SM_V9_1 iris    exon    59420096        59420351        .       +
        .
Parent=Smp_160760.1;Name=57c8a76d-34ac-480e-8c86-2a71f397e46d
SM_V9_1 iris    exon    59420437        59420600        .       +
        .       Parent=Smp_160760.1;Name=08cbc08c-4dc7-4ca9-
a056-4e54433c07ce
SM_V9_1 iris    exon    59421872        59422098        .       +
        .       Parent=Smp_160760.1;Name=4ce12fa9-3cc2-4a3b-bc89-
a784801dd62c
SM_V9_1 iris    exon    59424664        59425036        .       +
        .       Parent=Smp_160760.1;Name=2efc98c2-
d88e-4133-978a-9f22c32a1dc0
SM_V9_1 iris    exon    59425764        59426026        .       +
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        .       Parent=Smp_160760.1;Name=a7347d1c-09a2-40eb-a492-
c630c17282cf
SM_V9_1 iris    exon    59429595        59429746        .       +
        .       Parent=Smp_160760.1;Name=b5fd72f6-b195-4980-8095-
ae6e2dc23d43
SM_V9_1 iris    exon    59433163        59433382        .       +
        .       Parent=Smp_160760.1;Name=9b0e9631-5acc-47dc-9073-
f740713cd2a3
SM_V9_1 iris    exon    59433586        59433834        .       +
        .       Parent=Smp_160760.1;Name=d628829d-74e1-4ffa-
a935-2665351e1d21
SM_V9_1 iris    exon    59434123        59435133        .       +
        .       Parent=Smp_160760.1;Name=1f7d019e-fdde-416f-9858-
f59782403108
SM_V9_1 iris    CDS     59410918        59410920        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59410956        59411343        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59411376        59411470        .       +
        2       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59411513        59411671        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59413643        59413885        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59417915        59418287        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59420096        59420351        .       +
        2       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59420437        59420600        .       +
        1       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59421872        59422098        .       +
        2       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59424664        59425036        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59425764        59426026        .       +
        2       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59429595        59429746        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59433163        59433382        .       +
        1       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59433586        59433834        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    CDS     59434123        59434266        .       +
        0       Parent=Smp_160760.1
SM_V9_1 iris    mRNA    59410771        59435133        .       +
        .
ID=Smp_160760.2;Parent=Smp_160760;geneID=Smp_160760;gene_name=Smp_16
0760;owner=irisadmin@local.host;orig_id=Smp_160760.1;date_last_modif
ied=2022-07-18;Name=Smp_160760.2;product=Serine/threonine-protein
kinase N2;date_creation=2022-07-18
SM_V9_1 iris    exon    59410771        59410920        .       +
        .       Parent=Smp_160760.2;Name=4c610510-bf70-4da0-
adcc-63c8986c24a3
SM_V9_1 iris    exon    59410956        59411343        .       +
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        .
Parent=Smp_160760.2;Name=3bd5208f-7dfe-40b1-808f-4160ac8c0fdd
SM_V9_1 iris    exon    59411376        59411470        .       +
        .       Parent=Smp_160760.2;Name=0f29bf02-
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SM_V9_1 iris    exon    59411513        59411671        .       +
        .       Parent=Smp_160760.2;Name=dcfa065e-
aac7-46ff-8ede-6fe41ae88a5d
SM_V9_1 iris    exon    59413643        59413885        .       +
        .       Parent=Smp_160760.2;Name=fda5a156-ebbb-476f-b04d-
b53522a001da
SM_V9_1 iris    exon    59417915        59418287        .       +
        .
Parent=Smp_160760.2;Name=8602a58c-4d24-4120-950d-02e22b3c60b8
SM_V9_1 iris    exon    59420096        59420351        .       +
        .       Parent=Smp_160760.2;Name=6f6add1e-01fb-411c-a735-
c4ee9f5899a0
SM_V9_1 iris    exon    59420437        59420600        .       +
        .       Parent=Smp_160760.2;Name=addc8196-17aa-41ae-8286-
eb0ecc829c0c
SM_V9_1 iris    exon    59421872        59422098        .       +
        .       Parent=Smp_160760.2;Name=b4840e5f-a2cb-4f09-99e1-
a4684f7231a4
SM_V9_1 iris    exon    59424046        59424240        .       +
        .
Parent=Smp_160760.2;Name=28b58c73-134e-4b3c-8404-3723787eff58
SM_V9_1 iris    exon    59424664        59425036        .       +
        .       Parent=Smp_160760.2;Name=9737e4f7-f640-4415-
b7ca-1218f2822ff2
SM_V9_1 iris    exon    59425764        59426026        .       +
        .
Parent=Smp_160760.2;Name=7fb3d9bd-345c-44cf-8d6d-260e19b7f854
SM_V9_1 iris    exon    59429595        59429746        .       +
        .       Parent=Smp_160760.2;Name=6acee6b1-8afa-4559-b204-
d060e52299cd
SM_V9_1 iris    exon    59433163        59433382        .       +
        .       Parent=Smp_160760.2;Name=f06d715d-9658-4f25-
bc5e-7b01cdd0cccf
SM_V9_1 iris    exon    59433586        59433834        .       +
        .
Parent=Smp_160760.2;Name=d89a3b8b-7249-47f4-8b92-4c028a86f285
SM_V9_1 iris    exon    59434123        59435133        .       +
        .       Parent=Smp_160760.2;Name=1bc03dae-1eb9-4f53-8cb7-
f56b99dceb04
SM_V9_1 iris    CDS     59410918        59410920        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59410956        59411343        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59411376        59411470        .       +
        2       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59411513        59411671        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59413643        59413885        .       +
        0       Parent=Smp_160760.2
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SM_V9_1 iris    CDS     59417915        59418287        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59420096        59420351        .       +
        2       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59420437        59420600        .       +
        1       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59421872        59422098        .       +
        2       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59424046        59424240        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59424664        59425036        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59425764        59426026        .       +
        2       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59429595        59429746        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59433163        59433382        .       +
        1       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59433586        59433834        .       +
        0       Parent=Smp_160760.2
SM_V9_1 iris    CDS     59434123        59434266        .       +
        0       Parent=Smp_160760.2
SM_V9_1 Liftoff gene    59476672        59489742        .       +
        .       ID=Smp_348210;geneID=Smp_348210;note=added from
PMID:29497070
SM_V9_1 Liftoff mRNA    59476672        59489742        .       +
        .
ID=Smp_348210.1;Parent=Smp_348210;geneID=Smp_348210;product=Membrane
protein insertase YidC
SM_V9_1 Liftoff exon    59476672        59489533        .       +
        .       Parent=Smp_348210.1
SM_V9_1 Liftoff exon    59489684        59489742        .       +
        .       Parent=Smp_348210.1
SM_V9_1 Liftoff CDS     59489316        59489533        .       +
        0       Parent=Smp_348210.1
SM_V9_1 Liftoff CDS     59489684        59489729        .       +
        1       Parent=Smp_348210.1
SM_V9_1 iris    gene    59508768        59556882        .       -
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ID=Smp_302090;geneID=Smp_302090;gene_name=Smp_302090;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    59508768        59556882        .       -
        .
ID=Smp_302090.1;Parent=Smp_302090;geneID=Smp_302090;gene_name=Smp_30
2090;owner=irisadmin@local.host;orig_id=Smp_302090.1;date_last_modif
ied=2022-07-18;Name=Smp_302090.1;product=Choline transporter-like
protein 2;date_creation=2022-07-18
SM_V9_1 iris    exon    59508768        59509248        .       -
        .       Parent=Smp_302090.1;Name=e7eea229-5843-468a-
ac8c-557c73ac1471
SM_V9_1 iris    exon    59511272        59511356        .       -
        .       Parent=Smp_302090.1;Name=863e1f51-
e79b-434c-8706-4e3c114d0b57
SM_V9_1 iris    exon    59512699        59512802        .       -
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        .       Parent=Smp_302090.1;Name=d1cfd71d-88d6-43ab-addb-
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SM_V9_1 iris    exon    59513696        59513766        .       -
        .
Parent=Smp_302090.1;Name=6eb0c35a-4945-403a-96f9-4692720d7382
SM_V9_1 iris    exon    59515198        59515271        .       -
        .       Parent=Smp_302090.1;Name=5a6fc7c9-8b56-4487-a6f6-
db68432869b1
SM_V9_1 iris    exon    59517221        59517596        .       -
        .       Parent=Smp_302090.1;Name=cc65ceaf-ed2c-4788-
b1cd-340fc539a3a9
SM_V9_1 iris    exon    59518720        59518772        .       -
        .       Parent=Smp_302090.1;Name=b254cbc7-7ff7-4430-9b3c-
da5ce44cb17a
SM_V9_1 iris    exon    59519451        59519676        .       -
        .       Parent=Smp_302090.1;Name=0da39ebd-4204-4b83-a77f-
b678a27d6ccf
SM_V9_1 iris    exon    59519826        59519925        .       -
        .       Parent=Smp_302090.1;Name=03dbc531-
f298-40c4-96dc-136310711597
SM_V9_1 iris    exon    59520197        59520319        .       -
        .
Parent=Smp_302090.1;Name=bbbf9fc0-0919-4227-8681-61a0ee861d9a
SM_V9_1 iris    exon    59522239        59522351        .       -
        .
Parent=Smp_302090.1;Name=0ada5f83-9bae-4010-80fc-08ec1b08b51b
SM_V9_1 iris    exon    59527882        59527956        .       -
        .       Parent=Smp_302090.1;Name=ad407888-afc9-4bd8-
b505-586b9ac0917a
SM_V9_1 iris    exon    59534793        59534937        .       -
        .       Parent=Smp_302090.1;Name=f4743d91-4876-46ec-ace8-
cbb714de2ecf
SM_V9_1 iris    exon    59535129        59535189        .       -
        .       Parent=Smp_302090.1;Name=c080dd85-202c-4408-
ae1d-6426854dd953
SM_V9_1 iris    exon    59536285        59536422        .       -
        .
Parent=Smp_302090.1;Name=5a5140a9-3af3-4345-8be9-9ab73bf1763a
SM_V9_1 iris    exon    59541550        59541637        .       -
        .       Parent=Smp_302090.1;Name=af1cb052-
a40a-4382-894d-6e4853145a1a
SM_V9_1 iris    exon    59548597        59548672        .       -
        .
Parent=Smp_302090.1;Name=8bab873d-228b-482b-9cd9-2e9cabc6d6fd
SM_V9_1 iris    exon    59549988        59550061        .       -
        .       Parent=Smp_302090.1;Name=d7cab505-0250-400f-93dd-
e221ce7023b1
SM_V9_1 iris    exon    59554690        59554729        .       -
        .       Parent=Smp_302090.1;Name=a4949468-4048-4646-9586-
a7111e334e97
SM_V9_1 iris    exon    59556825        59556882        .       -
        .       Parent=Smp_302090.1;Name=51599cb0-8e25-4e9b-81af-
c30579c6151c
SM_V9_1 iris    CDS     59509124        59509248        .       -
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        2       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59511272        59511356        .       -
        0       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59512699        59512802        .       -
        2       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59513696        59513766        .       -
        1       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59515198        59515271        .       -
        0       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59517221        59517596        .       -
        1       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59518720        59518772        .       -
        0       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59519451        59519676        .       -
        1       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59519826        59519925        .       -
        2       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59520197        59520319        .       -
        2       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59522239        59522351        .       -
        1       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59527882        59527956        .       -
        1       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59534793        59534937        .       -
        2       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59535129        59535189        .       -
        0       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59536285        59536422        .       -
        0       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59541550        59541637        .       -
        1       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59548597        59548672        .       -
        2       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59549988        59550061        .       -
        1       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59554690        59554729        .       -
        2       Parent=Smp_302090.1
SM_V9_1 iris    CDS     59556825        59556855        .       -
        0       Parent=Smp_302090.1
SM_V9_1 Liftoff gene    59588997        59595907        .       -
        .       ID=Smp_071050;geneID=Smp_071050
SM_V9_1 Liftoff mRNA    59588997        59595907        .       -
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ID=Smp_071050.1;Parent=Smp_071050;geneID=Smp_071050;product=npp-26;e
vidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_1 Liftoff exon    59588997        59589470        .       -
        .       Parent=Smp_071050.1
SM_V9_1 Liftoff exon    59595638        59595907        .       -
        .       Parent=Smp_071050.1
SM_V9_1 Liftoff CDS     59589153        59589470        .       -
        0       Parent=Smp_071050.1
SM_V9_1 Liftoff CDS     59595638        59595730        .       -
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SM_V9_1 Liftoff gene    59626431        59642496        .       +
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        .       ID=Smp_160730;geneID=Smp_160730
SM_V9_1 Liftoff mRNA    59626431        59642496        .       +
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finger protein
729;polypeptide_domain=InterPro:IPR013083,IPR013087,IPR015318
Pfam:PF00096,PF09237;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    59626431        59636320        .       +
        .       Parent=Smp_160730.1
SM_V9_1 Liftoff exon    59640498        59642496        .       +
        .       Parent=Smp_160730.1
SM_V9_1 Liftoff CDS     59632874        59636320        .       +
        0       Parent=Smp_160730.1
SM_V9_1 Liftoff CDS     59640498        59642072        .       +
        0       Parent=Smp_160730.1
SM_V9_1 Liftoff mRNA    59626431        59642496        .       +
        .
ID=Smp_160730.2;Parent=Smp_160730;geneID=Smp_160730;product=Zinc
finger protein
Xfin;polypeptide_domain=InterPro:IPR013083,IPR013087,IPR015318
Pfam:PF00096,PF09237;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    59626431        59636320        .       +
        .       Parent=Smp_160730.2
SM_V9_1 Liftoff exon    59639900        59639925        .       +
        .       Parent=Smp_160730.2
SM_V9_1 Liftoff exon    59640308        59640314        .       +
        .       Parent=Smp_160730.2
SM_V9_1 Liftoff exon    59640498        59642496        .       +
        .       Parent=Smp_160730.2
SM_V9_1 Liftoff CDS     59632874        59636320        .       +
        0       Parent=Smp_160730.2
SM_V9_1 Liftoff CDS     59639900        59639925        .       +
        0       Parent=Smp_160730.2
SM_V9_1 Liftoff CDS     59640308        59640314        .       +
        1       Parent=Smp_160730.2
SM_V9_1 Liftoff CDS     59640498        59642072        .       +
        0       Parent=Smp_160730.2
SM_V9_1 iris    gene    59654829        59673557        .       -
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    59654829        59673557        .       -
        .
ID=Smp_071020.1;Parent=Smp_071020;geneID=Smp_071020;gene_name=Smp_07
1020;owner=irisadmin@local.host;orig_id=Smp_071020.1;date_last_modif
ied=2022-07-18;Name=Smp_071020.1;product=Choline/
ethanolaminephosphotransferase 1;date_creation=2022-07-18
SM_V9_1 iris    exon    59654829        59656019        .       -
        .       Parent=Smp_071020.1;Name=a8c415ac-2d11-497f-a2f6-
cfa9eae1af1f
SM_V9_1 iris    exon    59659419        59659544        .       -
        .       Parent=Smp_071020.1;Name=4dec3dc8-3af7-46b8-ba9d-
f45511adb291
SM_V9_1 iris    exon    59661613        59661771        .       -
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        .       Parent=Smp_071020.1;Name=d8468ba7-b3f7-41f1-a6ec-
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SM_V9_1 iris    exon    59662407        59662538        .       -
        .       Parent=Smp_071020.1;Name=89c204e0-abd9-444f-a4a8-
f6752403b959
SM_V9_1 iris    exon    59672787        59672871        .       -
        .       Parent=Smp_071020.1;Name=765c3b25-e4d4-475a-8f86-
d648908db457
SM_V9_1 iris    exon    59672902        59673043        .       -
        .       Parent=Smp_071020.1;Name=2833bd40-dc27-47b4-
a14b-49380a8969de
SM_V9_1 iris    exon    59673075        59673222        .       -
        .       Parent=Smp_071020.1;Name=490a9432-0f55-457b-8df7-
bb8ab6b72f88
SM_V9_1 iris    exon    59673254        59673557        .       -
        .       Parent=Smp_071020.1;Name=636eea73-
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SM_V9_1 iris    CDS     59655822        59656019        .       -
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SM_V9_1 iris    CDS     59659419        59659544        .       -
        0       Parent=Smp_071020.1
SM_V9_1 iris    CDS     59661613        59661771        .       -
        0       Parent=Smp_071020.1
SM_V9_1 iris    CDS     59662407        59662538        .       -
        0       Parent=Smp_071020.1
SM_V9_1 iris    CDS     59672787        59672871        .       -
        1       Parent=Smp_071020.1
SM_V9_1 iris    CDS     59672902        59673043        .       -
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SM_V9_1 iris    CDS     59673075        59673222        .       -
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SM_V9_1 iris    CDS     59673254        59673475        .       -
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SM_V9_1 Liftoff gene    59685261        59685899        .       +
        .       ID=Smp_200610;geneID=Smp_200610
SM_V9_1 Liftoff mRNA    59685261        59685899        .       +
        .
ID=Smp_200610.1;Parent=Smp_200610;geneID=Smp_200610;product=UPF0691
protein C9orf116 homolog;polypeptide_domain=InterPro:IPR026507
Pfam:PF14892
SM_V9_1 Liftoff exon    59685261        59685478        .       +
        .       Parent=Smp_200610.1
SM_V9_1 Liftoff exon    59685510        59685643        .       +
        .       Parent=Smp_200610.1
SM_V9_1 Liftoff exon    59685676        59685899        .       +
        .       Parent=Smp_200610.1
SM_V9_1 Liftoff CDS     59685334        59685478        .       +
        0       Parent=Smp_200610.1
SM_V9_1 Liftoff CDS     59685510        59685643        .       +
        2       Parent=Smp_200610.1
SM_V9_1 Liftoff CDS     59685676        59685744        .       +
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SM_V9_1 Liftoff gene    59711271        59747016        .       +
        .       ID=Smp_160710;geneID=Smp_160710
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Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_1 Liftoff exon    59711271        59711834        .       +
        .       Parent=Smp_160710.1
SM_V9_1 Liftoff exon    59732881        59733523        .       +
        .       Parent=Smp_160710.1
SM_V9_1 Liftoff exon    59735824        59735905        .       +
        .       Parent=Smp_160710.1
SM_V9_1 Liftoff exon    59737101        59737248        .       +
        .       Parent=Smp_160710.1
SM_V9_1 Liftoff exon    59739218        59739730        .       +
        .       Parent=Smp_160710.1
SM_V9_1 Liftoff exon    59744934        59747016        .       +
        .       Parent=Smp_160710.1
SM_V9_1 Liftoff CDS     59711601        59711834        .       +
        0       Parent=Smp_160710.1
SM_V9_1 Liftoff CDS     59732881        59733523        .       +
        0       Parent=Smp_160710.1
SM_V9_1 Liftoff CDS     59735824        59735905        .       +
        2       Parent=Smp_160710.1
SM_V9_1 Liftoff CDS     59737101        59737248        .       +
        1       Parent=Smp_160710.1
SM_V9_1 Liftoff CDS     59739218        59739730        .       +
        0       Parent=Smp_160710.1
SM_V9_1 Liftoff CDS     59744934        59745011        .       +
        0       Parent=Smp_160710.1
SM_V9_1 Liftoff gene    59784163        59831967        .       -
        .       ID=Smp_143240;geneID=Smp_143240
SM_V9_1 Liftoff mRNA    59784163        59831967        .       -
        .
ID=Smp_143240.1;Parent=Smp_143240;geneID=Smp_143240;product=Traffick
ing protein particle complex subunit
11;polypeptide_domain=InterPro:IPR011990,IPR021773
Pfam:PF11817;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    59784163        59785939        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59787019        59787142        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59788505        59788647        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59790887        59791067        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59792944        59793055        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59794082        59794133        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59794675        59794782        .       -
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SM_V9_1 Liftoff exon    59796196        59796790        .       -
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SM_V9_1 Liftoff exon    59798109        59798234        .       -
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SM_V9_1 Liftoff exon    59801492        59801671        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59805302        59805359        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59806618        59806690        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59807477        59807726        .       -
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SM_V9_1 Liftoff exon    59808208        59808269        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59810892        59810956        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59811498        59811578        .       -
        .       Parent=Smp_143240.1
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        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59812479        59812557        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59815125        59815734        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59815878        59816008        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59820504        59820600        .       -
        .       Parent=Smp_143240.1
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        .       Parent=Smp_143240.1
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        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59827204        59827389        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59827436        59827608        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff exon    59829122        59831967        .       -
        .       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59785865        59785939        .       -
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SM_V9_1 Liftoff CDS     59787019        59787142        .       -
        1       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59788505        59788647        .       -
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SM_V9_1 Liftoff CDS     59790887        59791067        .       -
        1       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59792944        59793055        .       -
        2       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59794082        59794133        .       -
        0       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59794675        59794782        .       -
        0       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59796196        59796790        .       -
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SM_V9_1 Liftoff CDS     59798109        59798234        .       -
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SM_V9_1 Liftoff CDS     59801492        59801671        .       -
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SM_V9_1 Liftoff CDS     59805302        59805359        .       -
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SM_V9_1 Liftoff CDS     59806618        59806690        .       -
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SM_V9_1 Liftoff CDS     59807477        59807726        .       -
        0       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59808208        59808269        .       -
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SM_V9_1 Liftoff CDS     59810892        59810956        .       -
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SM_V9_1 Liftoff CDS     59811498        59811578        .       -
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SM_V9_1 Liftoff CDS     59811618        59811672        .       -
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SM_V9_1 Liftoff CDS     59812479        59812557        .       -
        0       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59815125        59815734        .       -
        1       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59815878        59816008        .       -
        0       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59820504        59820600        .       -
        1       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59821832        59821905        .       -
        0       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59825917        59826016        .       -
        1       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59827204        59827389        .       -
        1       Parent=Smp_143240.1
SM_V9_1 Liftoff CDS     59827436        59827608        .       -
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SM_V9_1 Liftoff CDS     59829122        59829322        .       -
        0       Parent=Smp_143240.1
SM_V9_1 Liftoff gene    59898125        59901531        .       +
        .       ID=Smp_247050;geneID=Smp_247050
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        .
ID=Smp_247050.1;Parent=Smp_247050;geneID=Smp_247050;product=Hypothet
ical protein
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SM_V9_1 Liftoff exon    59900964        59901011        .       +
        .       Parent=Smp_247050.1
SM_V9_1 Liftoff exon    59901393        59901531        .       +
        .       Parent=Smp_247050.1
SM_V9_1 Liftoff CDS     59899044        59899046        .       +
        0       Parent=Smp_247050.1
SM_V9_1 Liftoff CDS     59900964        59901011        .       +
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SM_V9_1 Liftoff CDS     59901393        59901401        .       +
        0       Parent=Smp_247050.1
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        .
ID=Smp_337310;geneID=Smp_337310;gene_name=Smp_337310;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    59931141        59973593        .       -
        .
ID=Smp_337310.1;Parent=Smp_337310;geneID=Smp_337310;gene_name=Smp_33
7310;owner=irisadmin@local.host;orig_id=Smp_337310.1;date_last_modif
ied=2022-08-01;Name=Smp_337310.1;product=Variant surface antigen
E;date_creation=2022-07-28
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d4d1-47be-8091-8df2e05b601e
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SM_V9_1 iris    exon    59934115        59934153        .       -
        .
Parent=Smp_337310.1;Name=76473c0d-6711-44e7-9f44-869f746be869
SM_V9_1 iris    exon    59935782        59935820        .       -
        .
Parent=Smp_337310.1;Name=533e438a-1d54-42b2-9309-6e41ec82bb07
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        .       Parent=Smp_337310.1;Name=7cfd719a-ffcc-45fd-
ba67-5e02f16e080e
SM_V9_1 iris    exon    59940782        59940820        .       -
        .
Parent=Smp_337310.1;Name=5eed9e29-5892-4e44-907a-45a9e612a360
SM_V9_1 iris    exon    59958335        59958373        .       -
        .       Parent=Smp_337310.1;Name=f9b0fb71-ca29-40ed-8415-
dbc44de1580a
SM_V9_1 iris    exon    59962560        59962778        .       -
        .       Parent=Smp_337310.1;Name=506820cf-76e3-427b-
bd44-1c33a5ade32b
SM_V9_1 iris    exon    59965933        59965959        .       -
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SM_V9_1 iris    exon    59970639        59970680        .       -
        .
Parent=Smp_337310.1;Name=d2cf93af-3646-474c-8842-5ec9a7c8e595
SM_V9_1 iris    exon    59973462        59973593        .       -
        .       Parent=Smp_337310.1;Name=fc928d87-
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SM_V9_1 iris    CDS     59932409        59932488        .       -
        2       Parent=Smp_337310.1
SM_V9_1 iris    CDS     59933374        59933412        .       -
        2       Parent=Smp_337310.1
SM_V9_1 iris    CDS     59934115        59934153        .       -
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SM_V9_1 iris    CDS     59935782        59935820        .       -
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e surface protein 1
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SM_V9_1 Liftoff exon    59984318        59984344        .       -
        .       Parent=Smp_319720.1
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        .       Parent=Smp_319720.1
SM_V9_1 Liftoff exon    59986674        59986700        .       -
        .       Parent=Smp_319720.1
SM_V9_1 Liftoff exon    59987852        59987878        .       -
        .       Parent=Smp_319720.1
SM_V9_1 Liftoff exon    59989032        59989058        .       -
        .       Parent=Smp_319720.1
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SM_V9_1 Liftoff exon    59991388        59991414        .       -
        .       Parent=Smp_319720.1
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        .       Parent=Smp_319720.1
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SM_V9_1 Liftoff exon    59997758        59997805        .       -
        .       Parent=Smp_319720.1
SM_V9_1 Liftoff exon    59998453        59998500        .       -
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SM_V9_1 Liftoff exon    60002983        60003043        .       -
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SM_V9_1 Liftoff exon    60003082        60003123        .       -
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SM_V9_1 Liftoff CDS     59986674        59986700        .       -
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SM_V9_1 Liftoff CDS     59987852        59987878        .       -
        2       Parent=Smp_319720.1
SM_V9_1 Liftoff CDS     59989032        59989058        .       -
        2       Parent=Smp_319720.1
SM_V9_1 Liftoff CDS     59990210        59990236        .       -
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SM_V9_1 Liftoff CDS     59991388        59991414        .       -
        2       Parent=Smp_319720.1
SM_V9_1 Liftoff CDS     59992568        59992594        .       -
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SM_V9_1 Liftoff CDS     59997758        59997805        .       -
        2       Parent=Smp_319720.1
SM_V9_1 Liftoff CDS     59998453        59998500        .       -
        2       Parent=Smp_319720.1
SM_V9_1 Liftoff CDS     60000856        60000900        .       -
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SM_V9_1 Liftoff exon    60010893        60010916        .       -
        .       Parent=Smp_165050.1
SM_V9_1 Liftoff exon    60011480        60011509        .       -
        .       Parent=Smp_165050.1
SM_V9_1 Liftoff exon    60012552        60012575        .       -
        .       Parent=Smp_165050.1
SM_V9_1 Liftoff exon    60013539        60013568        .       -
        .       Parent=Smp_165050.1
SM_V9_1 Liftoff exon    60014397        60014456        .       -
        .       Parent=Smp_165050.1
SM_V9_1 Liftoff exon    60015636        60015662        .       -
        .       Parent=Smp_165050.1
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SM_V9_1 Liftoff exon    60016173        60016196        .       -
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SM_V9_1 Liftoff exon    60016739        60016799        .       -
        .       Parent=Smp_165050.1
SM_V9_1 Liftoff exon    60016853        60016973        .       -
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SM_V9_1 Liftoff CDS     60010377        60010432        .       -
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SM_V9_1 Liftoff CDS     60010893        60010916        .       -
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SM_V9_1 Liftoff CDS     60011480        60011509        .       -
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SM_V9_1 Liftoff CDS     60012552        60012575        .       -
        2       Parent=Smp_165050.1
SM_V9_1 Liftoff CDS     60013539        60013568        .       -
        2       Parent=Smp_165050.1
SM_V9_1 Liftoff CDS     60014397        60014456        .       -
        2       Parent=Smp_165050.1
SM_V9_1 Liftoff CDS     60015636        60015662        .       -
        2       Parent=Smp_165050.1
SM_V9_1 Liftoff CDS     60016173        60016196        .       -
        2       Parent=Smp_165050.1
SM_V9_1 Liftoff CDS     60016739        60016799        .       -
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SM_V9_1 Liftoff CDS     60016853        60016867        .       -
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SM_V9_1 Liftoff mRNA    60010274        60016973        .       -
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n-binding protein 2
SM_V9_1 Liftoff exon    60010274        60010432        .       -
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SM_V9_1 Liftoff exon    60010893        60010916        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff exon    60011480        60011509        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff exon    60012552        60012575        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff exon    60013539        60013568        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff exon    60014397        60014456        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff exon    60015636        60015662        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff exon    60016173        60016196        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff exon    60016739        60016973        .       -
        .       Parent=Smp_165050.2
SM_V9_1 Liftoff CDS     60010377        60010432        .       -
        2       Parent=Smp_165050.2
SM_V9_1 Liftoff CDS     60010893        60010916        .       -
        2       Parent=Smp_165050.2
SM_V9_1 Liftoff CDS     60011480        60011509        .       -
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SM_V9_1 Liftoff CDS     60012552        60012575        .       -
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SM_V9_1 Liftoff CDS     60014397        60014456        .       -
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SM_V9_1 Liftoff CDS     60015636        60015662        .       -
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SM_V9_1 Liftoff CDS     60016173        60016196        .       -
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SM_V9_1 Liftoff CDS     60016739        60016901        .       -
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SM_V9_1 Liftoff mRNA    60034247        60084519        .       +
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and flagella-associated protein
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SM_V9_1 Liftoff exon    60034247        60034312        .       +
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SM_V9_1 Liftoff exon    60034348        60034390        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60034427        60034618        .       +
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SM_V9_1 Liftoff exon    60034651        60034899        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60034932        60035025        .       +
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SM_V9_1 Liftoff exon    60038371        60038528        .       +
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SM_V9_1 Liftoff exon    60039412        60039547        .       +
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SM_V9_1 Liftoff exon    60039589        60039681        .       +
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SM_V9_1 Liftoff exon    60040785        60040956        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60043484        60043686        .       +
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SM_V9_1 Liftoff exon    60047281        60047437        .       +
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SM_V9_1 Liftoff exon    60049780        60050019        .       +
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SM_V9_1 Liftoff exon    60051592        60051643        .       +
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        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60055356        60055724        .       +
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SM_V9_1 Liftoff exon    60056902        60057035        .       +
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SM_V9_1 Liftoff exon    60063223        60063372        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60065955        60066358        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60068471        60068636        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60069369        60069607        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60070856        60071139        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60077188        60077276        .       +
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SM_V9_1 Liftoff exon    60078650        60078809        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60079828        60080030        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60081924        60081992        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60082947        60083012        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff exon    60084291        60084519        .       +
        .       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60034288        60034312        .       +
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SM_V9_1 Liftoff CDS     60034348        60034390        .       +
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SM_V9_1 Liftoff CDS     60034651        60034899        .       +
        1       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60034932        60035025        .       +
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SM_V9_1 Liftoff CDS     60039589        60039681        .       +
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SM_V9_1 Liftoff CDS     60040785        60040956        .       +
        0       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60043484        60043686        .       +
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SM_V9_1 Liftoff CDS     60045473        60045592        .       +
        0       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60046681        60046799        .       +
        0       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60047281        60047437        .       +
        1       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60049780        60050019        .       +
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SM_V9_1 Liftoff CDS     60051592        60051643        .       +
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SM_V9_1 Liftoff CDS     60055356        60055724        .       +
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SM_V9_1 Liftoff CDS     60061765        60062116        .       +
        1       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60063223        60063372        .       +
        0       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60065955        60066358        .       +
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SM_V9_1 Liftoff CDS     60068471        60068636        .       +
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SM_V9_1 Liftoff CDS     60069369        60069607        .       +
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SM_V9_1 Liftoff CDS     60070856        60071139        .       +
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SM_V9_1 Liftoff CDS     60077188        60077276        .       +
        2       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60078650        60078809        .       +
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SM_V9_1 Liftoff CDS     60079828        60080030        .       +
        2       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60081924        60081992        .       +
        0       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60082947        60083012        .       +
        0       Parent=Smp_165060.1
SM_V9_1 Liftoff CDS     60084291        60084380        .       +
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9;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_1 Liftoff exon    60084598        60087596        .       -
        .       Parent=Smp_079640.1
SM_V9_1 Liftoff CDS     60085888        60087510        .       -
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        .       ID=Smp_079650;geneID=Smp_079650
SM_V9_1 Liftoff mRNA    60099707        60129461        .       +
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083,IPR014001,IPR016197,IPR019786,IPR019787,IPR023780,IPR027417
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SM_V9_1 Liftoff exon    60099827        60099921        .       +
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SM_V9_1 Liftoff exon    60099959        60100006        .       +
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SM_V9_1 Liftoff exon    60100039        60100273        .       +
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SM_V9_1 Liftoff exon    60100310        60100593        .       +
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SM_V9_1 Liftoff exon    60106128        60106433        .       +
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SM_V9_1 Liftoff exon    60106541        60107442        .       +
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SM_V9_1 Liftoff exon    60110622        60111860        .       +
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SM_V9_1 Liftoff exon    60115718        60116273        .       +
        .       Parent=Smp_079650.1
SM_V9_1 Liftoff exon    60116829        60117027        .       +
        .       Parent=Smp_079650.1
SM_V9_1 Liftoff exon    60117849        60118042        .       +
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SM_V9_1 Liftoff exon    60120646        60120852        .       +
        .       Parent=Smp_079650.1
SM_V9_1 Liftoff exon    60121492        60121679        .       +
        .       Parent=Smp_079650.1
SM_V9_1 Liftoff exon    60123739        60123955        .       +
        .       Parent=Smp_079650.1
SM_V9_1 Liftoff exon    60126512        60126877        .       +
        .       Parent=Smp_079650.1
SM_V9_1 Liftoff exon    60127914        60128180        .       +
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SM_V9_1 Liftoff exon    60128708        60129014        .       +
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SM_V9_1 Liftoff exon    60129114        60129461        .       +
        .       Parent=Smp_079650.1
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SM_V9_1 Liftoff CDS     60099827        60099921        .       +
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SM_V9_1 Liftoff CDS     60100039        60100273        .       +
        0       Parent=Smp_079650.1
SM_V9_1 Liftoff CDS     60100310        60100593        .       +
        2       Parent=Smp_079650.1
SM_V9_1 Liftoff CDS     60106128        60106433        .       +
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SM_V9_1 Liftoff CDS     60110622        60111860        .       +
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SM_V9_1 Liftoff CDS     60115718        60116273        .       +
        1       Parent=Smp_079650.1
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SM_V9_1 Liftoff CDS     60121492        60121679        .       +
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SM_V9_1 Liftoff CDS     60123739        60123955        .       +
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SM_V9_1 Liftoff CDS     60126512        60126877        .       +
        0       Parent=Smp_079650.1
SM_V9_1 Liftoff CDS     60127914        60128180        .       +
        0       Parent=Smp_079650.1
SM_V9_1 Liftoff CDS     60128708        60129014        .       +
        0       Parent=Smp_079650.1
SM_V9_1 Liftoff CDS     60129114        60129361        .       +
        2       Parent=Smp_079650.1
SM_V9_1 Liftoff gene    60129463        60136753        .       -
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SM_V9_1 Liftoff mRNA    60129463        60136753        .       -
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unc-97;polypeptide_domain=InterPro:IPR001781,IPR013087,IPR017351
Pfam:PF00412;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    60129463        60129749        .       -
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SM_V9_1 Liftoff exon    60130977        60131249        .       -
        .       Parent=Smp_165070.1
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        .       Parent=Smp_165070.1
SM_V9_1 Liftoff exon    60136128        60136248        .       -
        .       Parent=Smp_165070.1
SM_V9_1 Liftoff exon    60136285        60136351        .       -
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SM_V9_1 Liftoff exon    60136387        60136432        .       -
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SM_V9_1 Liftoff exon    60136467        60136574        .       -
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SM_V9_1 Liftoff exon    60136611        60136753        .       -
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SM_V9_1 Liftoff CDS     60130977        60131249        .       -
        1       Parent=Smp_165070.1
SM_V9_1 Liftoff CDS     60132618        60132866        .       -
        1       Parent=Smp_165070.1
SM_V9_1 Liftoff CDS     60136128        60136248        .       -
        2       Parent=Smp_165070.1
SM_V9_1 Liftoff CDS     60136285        60136351        .       -
        0       Parent=Smp_165070.1
SM_V9_1 Liftoff CDS     60136387        60136432        .       -
        1       Parent=Smp_165070.1
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SM_V9_1 Liftoff CDS     60136467        60136574        .       -
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SM_V9_1 Liftoff CDS     60136611        60136702        .       -
        0       Parent=Smp_165070.1
SM_V9_1 iris    gene    60160285        60167934        .       +
        .
ID=Smp_165080;geneID=Smp_165080;gene_name=Smp_165080;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60160285        60167934        .       +
        .
ID=Smp_165080.1;Parent=Smp_165080;geneID=Smp_165080;gene_name=Smp_16
5080;owner=irisadmin@local.host;orig_id=Smp_165080.1;date_last_modif
ied=2022-07-18;Name=Smp_165080.1;product=Phosphoinositide 3-kinase
regulatory subunit 4;date_creation=2022-07-18
SM_V9_1 iris    exon    60160285        60160376        .       +
        .
Parent=Smp_165080.1;Name=fc692cf1-3e29-4d9d-85e2-7951e0abff44
SM_V9_1 iris    exon    60160410        60160637        .       +
        .       Parent=Smp_165080.1;Name=f21b0658-cd06-4e41-
ba94-06135b43f900
SM_V9_1 iris    exon    60162075        60162407        .       +
        .       Parent=Smp_165080.1;Name=a2cba9eb-f573-48c9-8458-
e55b9faad046
SM_V9_1 iris    exon    60166456        60167934        .       +
        .       Parent=Smp_165080.1;Name=91835ce2-
e750-4f44-90f3-089292b38ab9
SM_V9_1 iris    CDS     60160361        60160376        .       +
        0       Parent=Smp_165080.1
SM_V9_1 iris    CDS     60160410        60160637        .       +
        2       Parent=Smp_165080.1
SM_V9_1 iris    CDS     60162075        60162407        .       +
        2       Parent=Smp_165080.1
SM_V9_1 iris    CDS     60166456        60167348        .       +
        2       Parent=Smp_165080.1
SM_V9_1 Liftoff gene    60173449        60212852        .       -
        .
ID=Smp_335590;geneID=Smp_335590;previous_systematic_id=Smp_165090
SM_V9_1 Liftoff mRNA    60173449        60212852        .       -
        .
ID=Smp_335590.1;Parent=Smp_335590;geneID=Smp_335590;product=Serine/
threonine-protein phosphatase 2A 56 kDa regulatory subunit delta
isoform;polypeptide_domain=InterPro:IPR002554,IPR011989,IPR016024
Pfam:PF01603;Ontology_term=GO:0000159,GO:0005488,GO:0007165,GO:00198
88
SM_V9_1 Liftoff exon    60173449        60173951        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60180647        60180695        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60184658        60185320        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60187534        60187635        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60189109        60189233        .       -
        .       Parent=Smp_335590.1
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SM_V9_1 Liftoff exon    60189523        60189696        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60195820        60195982        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60197725        60197784        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60199111        60199334        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff exon    60204493        60212852        .       -
        .       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60173793        60173951        .       -
        0       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60180647        60180695        .       -
        1       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60184658        60185320        .       -
        1       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60187534        60187635        .       -
        1       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60189109        60189233        .       -
        0       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60189523        60189696        .       -
        0       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60195820        60195982        .       -
        1       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60197725        60197784        .       -
        1       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60199111        60199334        .       -
        0       Parent=Smp_335590.1
SM_V9_1 Liftoff CDS     60204493        60204762        .       -
        0       Parent=Smp_335590.1
SM_V9_1 Liftoff gene    60221307        60228696        .       +
        .
ID=Smp_345580;geneID=Smp_345580;previous_systematic_id=Smp_165100
SM_V9_1 Liftoff mRNA    60221307        60228696        .       +
        .
ID=Smp_345580.1;Parent=Smp_345580;geneID=Smp_345580;product=Cysteine
--tRNA ligase;polypeptide_domain=InterPro:IPR020683
SM_V9_1 Liftoff exon    60221307        60224784        .       +
        .       Parent=Smp_345580.1
SM_V9_1 Liftoff exon    60225304        60225727        .       +
        .       Parent=Smp_345580.1
SM_V9_1 Liftoff exon    60227356        60228696        .       +
        .       Parent=Smp_345580.1
SM_V9_1 Liftoff CDS     60224581        60224784        .       +
        0       Parent=Smp_345580.1
SM_V9_1 Liftoff CDS     60225304        60225727        .       +
        0       Parent=Smp_345580.1
SM_V9_1 Liftoff CDS     60227356        60227474        .       +
        2       Parent=Smp_345580.1
SM_V9_1 iris    gene    60228002        60253853        .       -
        .
ID=Smp_079700;geneID=Smp_079700;gene_name=Smp_079700;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    60228002        60253853        .       -
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        .
ID=Smp_079700.1;Parent=Smp_079700;geneID=Smp_079700;gene_name=Smp_07
9700;owner=irisadmin@local.host;orig_id=Smp_079700.1;date_last_modif
ied=2022-08-01;Name=Smp_079700.1;product=GA-binding protein subunit
beta-2;date_creation=2022-07-28
SM_V9_1 iris    exon    60228002        60228794        .       -
        .       Parent=Smp_079700.1;Name=2b9922a3-d398-43eb-adb6-
a46b033698e7
SM_V9_1 iris    exon    60231998        60232141        .       -
        .       Parent=Smp_079700.1;Name=35489733-07ad-4b1f-a79b-
a34c093ef96c
SM_V9_1 iris    exon    60232834        60233129        .       -
        .
Parent=Smp_079700.1;Name=48ab04eb-978b-4a69-9d92-2f871b6d916d
SM_V9_1 iris    exon    60233233        60233423        .       -
        .       Parent=Smp_079700.1;Name=cafb3b05-66e0-413d-
b9a9-8633ba116154
SM_V9_1 iris    exon    60236422        60236892        .       -
        .       Parent=Smp_079700.1;Name=98707cef-4358-41dc-
b638-8e5f79662293
SM_V9_1 iris    exon    60237417        60237779        .       -
        .       Parent=Smp_079700.1;Name=f808254a-8409-4510-9a70-
beef35091f12
SM_V9_1 iris    exon    60246978        60247154        .       -
        .       Parent=Smp_079700.1;Name=2badef9b-9876-4469-ab0f-
f9806562dfea
SM_V9_1 iris    exon    60248658        60248927        .       -
        .       Parent=Smp_079700.1;Name=f0520b22-82bc-4738-a980-
d831543a32e6
SM_V9_1 iris    exon    60253780        60253853        .       -
        .       Parent=Smp_079700.1;Name=00287f09-debe-470c-
adcd-8c1a00107d2a
SM_V9_1 iris    CDS     60228739        60228794        .       -
        2       Parent=Smp_079700.1
SM_V9_1 iris    CDS     60231998        60232141        .       -
        2       Parent=Smp_079700.1
SM_V9_1 iris    CDS     60232834        60233129        .       -
        1       Parent=Smp_079700.1
SM_V9_1 iris    CDS     60233233        60233423        .       -
        0       Parent=Smp_079700.1
SM_V9_1 iris    CDS     60236422        60236892        .       -
        0       Parent=Smp_079700.1
SM_V9_1 iris    CDS     60237417        60237779        .       -
        0       Parent=Smp_079700.1
SM_V9_1 iris    CDS     60246978        60247151        .       -
        0       Parent=Smp_079700.1
SM_V9_1 iris    gene    60263717        60279310        .       +
        .
ID=Smp_341320;geneID=Smp_341320;gene_name=Smp_341320;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60263717        60274420        .       +
        .
ID=Smp_341320.1;Parent=Smp_341320;geneID=Smp_341320;gene_name=Smp_34
1320;owner=irisadmin@local.host;orig_id=Smp_341320.1;date_last_modif
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ied=2022-07-18;Name=Smp_341320.1;product=POC1 centriolar protein
homolog B;date_creation=2022-07-18
SM_V9_1 iris    exon    60263717        60263766        .       +
        .       Parent=Smp_341320.1;Name=9a7c2b33-358d-4455-
a670-661c5548e686
SM_V9_1 iris    exon    60263803        60263887        .       +
        .       Parent=Smp_341320.1;Name=a843560f-b642-4309-
a412-196ed3038d3b
SM_V9_1 iris    exon    60263921        60264092        .       +
        .       Parent=Smp_341320.1;Name=b36d9db3-c450-4758-
ae8a-781fbf85f58c
SM_V9_1 iris    exon    60264126        60264234        .       +
        .       Parent=Smp_341320.1;Name=b37bcc9f-2720-48ea-
a169-2cdc7002ace7
SM_V9_1 iris    exon    60264269        60264339        .       +
        .       Parent=Smp_341320.1;Name=a7b5a9ec-f556-4355-
a766-9115b59ef22f
SM_V9_1 iris    exon    60264369        60264592        .       +
        .       Parent=Smp_341320.1;Name=f81b2281-3c69-4d6f-8863-
b273c0fd7855
SM_V9_1 iris    exon    60266905        60267107        .       +
        .       Parent=Smp_341320.1;Name=19a7fc3d-24ff-4530-
a1a5-113dd942285b
SM_V9_1 iris    exon    60268129        60268509        .       +
        .
Parent=Smp_341320.1;Name=f307b470-9e72-40c3-81af-7821ac1a1e07
SM_V9_1 iris    exon    60271721        60271825        .       +
        .
Parent=Smp_341320.1;Name=b7f687b8-62ec-4b92-9a9a-48703052216e
SM_V9_1 iris    exon    60274020        60274420        .       +
        .
Parent=Smp_341320.1;Name=e9bfe22b-21e5-4ea0-9e49-0bdfd1c6d9e6
SM_V9_1 iris    CDS     60263764        60263766        .       +
        0       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60263803        60263887        .       +
        0       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60263921        60264092        .       +
        2       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60264126        60264234        .       +
        1       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60264269        60264339        .       +
        0       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60264369        60264592        .       +
        1       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60266905        60267107        .       +
        2       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60268129        60268509        .       +
        0       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60271721        60271825        .       +
        0       Parent=Smp_341320.1
SM_V9_1 iris    CDS     60274020        60274067        .       +
        0       Parent=Smp_341320.1
SM_V9_1 iris    mRNA    60263717        60279310        .       +
        .
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ID=Smp_341320.2;Parent=Smp_341320;geneID=Smp_341320;gene_name=Smp_34
1320;owner=irisadmin@local.host;orig_id=Smp_341320.1;date_last_modif
ied=2022-07-18;Name=Smp_341320.2;date_creation=2022-07-18
SM_V9_1 iris    exon    60263717        60263766        .       +
        .
Parent=Smp_341320.2;Name=af975b43-3359-4096-8feb-874da8d6cfb5
SM_V9_1 iris    exon    60263803        60263887        .       +
        .       Parent=Smp_341320.2;Name=0b28d4ed-
f793-4eb8-8c1a-66f87994085d
SM_V9_1 iris    exon    60263921        60264092        .       +
        .
Parent=Smp_341320.2;Name=be30599f-4e4c-41be-9b56-2dc195259633
SM_V9_1 iris    exon    60264126        60264234        .       +
        .       Parent=Smp_341320.2;Name=15d9268f-f765-494d-a55d-
a4cc69e61e45
SM_V9_1 iris    exon    60264269        60264339        .       +
        .       Parent=Smp_341320.2;Name=b1489896-a156-4b0c-
aa8c-8cbc626a87a6
SM_V9_1 iris    exon    60264369        60264592        .       +
        .       Parent=Smp_341320.2;Name=b8c73ef6-2ab5-43e2-
b799-9a15fa09de1f
SM_V9_1 iris    exon    60266905        60267107        .       +
        .       Parent=Smp_341320.2;Name=59484d96-3ba8-4687-aeb1-
b78f2ca65fb2
SM_V9_1 iris    exon    60268129        60268509        .       +
        .       Parent=Smp_341320.2;Name=e21d8e39-220b-4325-
bfe2-568ed444657e
SM_V9_1 iris    exon    60271721        60271825        .       +
        .
Parent=Smp_341320.2;Name=aadd6086-3d8b-4daf-9db6-2e523839fbf5
SM_V9_1 iris    exon    60277347        60279310        .       +
        .       Parent=Smp_341320.2;Name=bd9fea10-6a8b-4186-
ba47-4d9e2ae59bbd
SM_V9_1 iris    CDS     60263764        60263766        .       +
        0       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60263803        60263887        .       +
        0       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60263921        60264092        .       +
        2       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60264126        60264234        .       +
        1       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60264269        60264339        .       +
        0       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60264369        60264592        .       +
        1       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60266905        60267107        .       +
        2       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60268129        60268509        .       +
        0       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60271721        60271825        .       +
        0       Parent=Smp_341320.2
SM_V9_1 iris    CDS     60277347        60277436        .       +
        0       Parent=Smp_341320.2
SM_V9_1 Liftoff gene    60276874        60280483        .       -
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        .       ID=Smp_079600;geneID=Smp_079600
SM_V9_1 Liftoff mRNA    60276874        60280483        .       -
        .
ID=Smp_079600.1;Parent=Smp_079600;geneID=Smp_079600;product=Two pore
calcium channel protein
2;polypeptide_domain=InterPro:IPR002048,IPR005821,IPR011992
Pfam:PF00520;Ontology_term=GO:0005216,GO:0005509,GO:0006811,GO:00160
20,GO:0055085
SM_V9_1 Liftoff exon    60276874        60280483        .       -
        .       Parent=Smp_079600.1
SM_V9_1 Liftoff CDS     60277090        60279378        .       -
        0       Parent=Smp_079600.1
SM_V9_1 Liftoff gene    60284624        60302263        .       -
        .       ID=Smp_165040;geneID=Smp_165040
SM_V9_1 Liftoff mRNA    60284624        60302263        .       -
        .
ID=Smp_165040.1;Parent=Smp_165040;geneID=Smp_165040;product=TBC1
domain family member 10A;polypeptide_domain=InterPro:IPR000195
Pfam:PF00566
SM_V9_1 Liftoff exon    60284624        60284804        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60289758        60289912        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60292723        60292837        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60294957        60295031        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60296855        60297035        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60298303        60298409        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60300086        60300296        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60300333        60300426        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff exon    60300475        60302263        .       -
        .       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60284709        60284804        .       -
        0       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60289758        60289912        .       -
        2       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60292723        60292837        .       -
        0       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60294957        60295031        .       -
        0       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60296855        60297035        .       -
        1       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60298303        60298409        .       -
        0       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60300086        60300296        .       -
        1       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60300333        60300426        .       -
        2       Parent=Smp_165040.1
SM_V9_1 Liftoff CDS     60300475        60300484        .       -
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        0       Parent=Smp_165040.1
SM_V9_1 iris    gene    60307416        60324912        .       +
        .
ID=Smp_165030;geneID=Smp_165030;gene_name=Smp_165030;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60307416        60324912        .       +
        .
ID=Smp_165030.1;Parent=Smp_165030;geneID=Smp_165030;gene_name=Smp_16
5030;owner=irisadmin@local.host;orig_id=Smp_165030.1;date_last_modif
ied=2022-07-18;Name=Smp_165030.1;product=Synergin
gamma;date_creation=2022-07-18
SM_V9_1 iris    exon    60307416        60307488        .       +
        .       Parent=Smp_165030.1;Name=199afdd2-77be-40dc-a49a-
da68743a673b
SM_V9_1 iris    exon    60308782        60309135        .       +
        .       Parent=Smp_165030.1;Name=523c00c4-632c-4836-
aabd-3bb266dc26c8
SM_V9_1 iris    exon    60309169        60309242        .       +
        .       Parent=Smp_165030.1;Name=c8010ff5-421f-4be9-88f9-
b23bd97a0089
SM_V9_1 iris    exon    60310963        60311183        .       +
        .       Parent=Smp_165030.1;Name=6570c0a9-981e-4434-852d-
c46ce8c10e7d
SM_V9_1 iris    exon    60312835        60313420        .       +
        .       Parent=Smp_165030.1;Name=7e653fd8-0d9b-4d27-af6e-
be7d306ad149
SM_V9_1 iris    exon    60315510        60315595        .       +
        .       Parent=Smp_165030.1;Name=8416cb78-366c-465f-a821-
e7a6c4ff16d2
SM_V9_1 iris    exon    60316472        60316649        .       +
        .       Parent=Smp_165030.1;Name=2a71dc66-
e0ae-4112-8052-17f3ab4441e4
SM_V9_1 iris    exon    60317080        60317242        .       +
        .       Parent=Smp_165030.1;Name=4b232bcb-d1eb-4950-b50f-
fa4061065068
SM_V9_1 iris    exon    60322535        60322591        .       +
        .       Parent=Smp_165030.1;Name=b1b853b4-b303-4e44-
aed8-0a0237068e04
SM_V9_1 iris    exon    60322980        60323071        .       +
        .       Parent=Smp_165030.1;Name=1e136b82-ee62-4420-
af88-8fdaee44da00
SM_V9_1 iris    exon    60324314        60324912        .       +
        .       Parent=Smp_165030.1;Name=fa908404-3faa-4aa7-9db6-
b299b2df4500
SM_V9_1 iris    CDS     60308988        60309135        .       +
        0       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60309169        60309242        .       +
        2       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60310963        60311183        .       +
        0       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60312835        60313420        .       +
        1       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60315510        60315595        .       +
        0       Parent=Smp_165030.1
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SM_V9_1 iris    CDS     60316472        60316649        .       +
        1       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60317080        60317242        .       +
        0       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60322535        60322591        .       +
        2       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60322980        60323071        .       +
        2       Parent=Smp_165030.1
SM_V9_1 iris    CDS     60324314        60324613        .       +
        0       Parent=Smp_165030.1
SM_V9_1 iris    gene    60325511        60326417        .       +
        .
ID=Smp_213870;geneID=Smp_213870;gene_name=Smp_213870;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60325511        60326417        .       +
        .
ID=Smp_213870.1;Parent=Smp_213870;geneID=Smp_213870;gene_name=Smp_21
3870;owner=irisadmin@local.host;orig_id=Smp_213870.1;date_last_modif
ied=2022-07-18;Name=Smp_213870.1;product=Probable monoterpene
synthase MTS1, chloroplastic;date_creation=2022-07-18
SM_V9_1 iris    exon    60325511        60326417        .       +
        .       Parent=Smp_213870.1;Name=Smp_213870.1-CDS
SM_V9_1 iris    CDS     60325537        60326274        .       +
        0       Parent=Smp_213870.1
SM_V9_1 iris    gene    60329775        60334823        .       +
        .
ID=Smp_213860;geneID=Smp_213860;gene_name=Smp_213860;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60329775        60334823        .       +
        .
ID=Smp_213860.1;Parent=Smp_213860;geneID=Smp_213860;gene_name=Smp_21
3860;owner=irisadmin@local.host;orig_id=Smp_213860.1;date_last_modif
ied=2022-07-18;Name=Smp_213860.1;product=Coiled-coil domain-
containing protein 103;date_creation=2022-07-18
SM_V9_1 iris    exon    60329775        60329946        .       +
        .       Parent=Smp_213860.1;Name=1537603c-70c6-4523-be42-
b5b194505eea
SM_V9_1 iris    exon    60331837        60331981        .       +
        .       Parent=Smp_213860.1;Name=009cb450-2bd2-496d-
b458-787d357e1993
SM_V9_1 iris    exon    60333860        60334823        .       +
        .       Parent=Smp_213860.1;Name=b0754ca7-a689-46ca-be0e-
b4130fbe68d3
SM_V9_1 iris    CDS     60329828        60329946        .       +
        0       Parent=Smp_213860.1
SM_V9_1 iris    CDS     60331837        60331981        .       +
        1       Parent=Smp_213860.1
SM_V9_1 iris    CDS     60333860        60334345        .       +
        0       Parent=Smp_213860.1
SM_V9_1 iris    gene    60337556        60340651        .       -
        .
ID=Smp_079560;geneID=Smp_079560;gene_name=Smp_079560;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60337556        60340651        .       -
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        .
ID=Smp_079560.1;Parent=Smp_079560;geneID=Smp_079560;gene_name=Smp_07
9560;owner=irisadmin@local.host;orig_id=Smp_079560.1;date_last_modif
ied=2022-07-18;Name=Smp_079560.1;product=DNA replication licensing
factor mcm2;date_creation=2022-07-18
SM_V9_1 iris    exon    60337556        60337844        .       -
        .       Parent=Smp_079560.1;Name=5c64d8dd-
ac35-4b32-9824-350ea8a84439
SM_V9_1 iris    exon    60337879        60337992        .       -
        .
Parent=Smp_079560.1;Name=f0c6a43b-9d72-4b7a-8176-096d5d12c8fe
SM_V9_1 iris    exon    60338036        60338170        .       -
        .       Parent=Smp_079560.1;Name=c18b6258-bd4a-43e2-
abc9-8ca4dd394161
SM_V9_1 iris    exon    60339416        60339736        .       -
        .
Parent=Smp_079560.1;Name=8df9d131-8d8a-46f0-95b5-4a888f83f58a
SM_V9_1 iris    exon    60339769        60340157        .       -
        .       Parent=Smp_079560.1;Name=887c5d6d-874d-47a2-
a7eb-1335fc464a3e
SM_V9_1 iris    exon    60340196        60340362        .       -
        .
Parent=Smp_079560.1;Name=d3f3556e-540b-4dfd-838a-717ec542a65d
SM_V9_1 iris    exon    60340395        60340567        .       -
        .       Parent=Smp_079560.1;Name=a56c83e6-c1fe-41b7-
b659-52b5c95312b4
SM_V9_1 iris    exon    60340603        60340651        .       -
        .       Parent=Smp_079560.1;Name=9f7ff6a9-b95f-4b8f-9861-
e9a309068a61
SM_V9_1 iris    CDS     60337638        60337844        .       -
        0       Parent=Smp_079560.1
SM_V9_1 iris    CDS     60337879        60337992        .       -
        0       Parent=Smp_079560.1
SM_V9_1 iris    CDS     60338036        60338170        .       -
        0       Parent=Smp_079560.1
SM_V9_1 iris    CDS     60339416        60339736        .       -
        0       Parent=Smp_079560.1
SM_V9_1 iris    CDS     60339769        60340157        .       -
        2       Parent=Smp_079560.1
SM_V9_1 iris    CDS     60340196        60340362        .       -
        1       Parent=Smp_079560.1
SM_V9_1 iris    CDS     60340395        60340567        .       -
        0       Parent=Smp_079560.1
SM_V9_1 iris    CDS     60340603        60340608        .       -
        0       Parent=Smp_079560.1
SM_V9_1 Liftoff gene    60344285        60359058        .       +
        .       ID=Smp_054840;geneID=Smp_054840
SM_V9_1 Liftoff mRNA    60344285        60359058        .       +
        .
ID=Smp_054840.1;Parent=Smp_054840;geneID=Smp_054840;product=DNA
replication licensing factor
MCM2;polypeptide_domain=InterPro:IPR001208,IPR003593,IPR008045,IPR01
2340,IPR018525,IPR027417,IPR027925,IPR031327,IPR033762
Pfam:PF00493,PF12619,PF14551,PF17207;Ontology_term=GO:0003677,GO:000
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3678,GO:0005524,GO:0005634,GO:0006260,GO:0006270,GO:0042555
SM_V9_1 Liftoff exon    60344285        60344320        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60344356        60344528        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60344561        60344727        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60344766        60345154        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60345187        60345507        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60346753        60346887        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60346931        60347044        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60347079        60347250        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60351643        60351893        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60353042        60353281        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60354653        60354802        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60357495        60357608        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60357729        60357911        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff exon    60358207        60359058        .       +
        .       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60344315        60344320        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60344356        60344528        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60344561        60344727        .       +
        1       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60344766        60345154        .       +
        2       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60345187        60345507        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60346753        60346887        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60346931        60347044        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60347079        60347250        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60351643        60351893        .       +
        2       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60353042        60353281        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60354653        60354802        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60357495        60357608        .       +
        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60357729        60357911        .       +
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        0       Parent=Smp_054840.1
SM_V9_1 Liftoff CDS     60358207        60358476        .       +
        0       Parent=Smp_054840.1
SM_V9_1 iris    gene    60382575        60432755        .       +
        .
ID=Smp_151420;geneID=Smp_151420;gene_name=Smp_151420;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60382575        60432755        .       +
        .
ID=Smp_151420.1;Parent=Smp_151420;geneID=Smp_151420;gene_name=Smp_15
1420;owner=irisadmin@local.host;orig_id=Smp_151420.1;date_last_modif
ied=2022-07-18;Name=Smp_151420.1;product=phospholipase
D;date_creation=2022-07-18
SM_V9_1 iris    exon    60382575        60382671        .       +
        .       Parent=Smp_151420.1;Name=ff8bfad9-6953-4ee5-
bc6d-70f2153d3a25
SM_V9_1 iris    exon    60382714        60382918        .       +
        .       Parent=Smp_151420.1;Name=2e79647c-
c52c-47de-83a1-7fa45e534428
SM_V9_1 iris    exon    60382959        60383081        .       +
        .       Parent=Smp_151420.1;Name=688c2d71-6c4f-412d-99a0-
ef91553055bb
SM_V9_1 iris    exon    60383114        60383192        .       +
        .       Parent=Smp_151420.1;Name=6d0176b3-02c7-43b3-bc20-
e82564abe943
SM_V9_1 iris    exon    60383226        60383291        .       +
        .       Parent=Smp_151420.1;Name=13290146-b671-45ac-8d15-
aea16f64efe7
SM_V9_1 iris    exon    60384753        60384895        .       +
        .       Parent=Smp_151420.1;Name=88dc717f-1869-4877-
bae0-08676651a698
SM_V9_1 iris    exon    60386679        60386921        .       +
        .       Parent=Smp_151420.1;Name=8171770d-
b296-4dc6-9cc9-31156c7a0b5a
SM_V9_1 iris    exon    60388149        60388301        .       +
        .       Parent=Smp_151420.1;Name=b3f8f540-14e8-4e3d-
a094-162863c743c1
SM_V9_1 iris    exon    60390467        60390629        .       +
        .       Parent=Smp_151420.1;Name=06a6b496-e07f-4daa-
bfa6-9dd4335fe11c
SM_V9_1 iris    exon    60394838        60394948        .       +
        .       Parent=Smp_151420.1;Name=6e0fe44e-dfcd-42d9-990e-
bd1ec18fe7d9
SM_V9_1 iris    exon    60396195        60396322        .       +
        .
Parent=Smp_151420.1;Name=1ac7838e-3004-48c5-8123-6c71da9fa58d
SM_V9_1 iris    exon    60403133        60403187        .       +
        .       Parent=Smp_151420.1;Name=6daa9e62-
e725-49f9-9755-23064f0fa357
SM_V9_1 iris    exon    60405155        60405322        .       +
        .       Parent=Smp_151420.1;Name=fc7443b6-fabe-4539-
afb0-9658fc89754b
SM_V9_1 iris    exon    60408713        60408912        .       +
        .       Parent=Smp_151420.1;Name=2cb718be-bbe9-442f-8617-
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f86c05726184
SM_V9_1 iris    exon    60415326        60415441        .       +
        .       Parent=Smp_151420.1;Name=e5f6521a-
c203-41f0-8493-1413e33b91b9
SM_V9_1 iris    exon    60420264        60420382        .       +
        .       Parent=Smp_151420.1;Name=b0ccd11c-cbfa-4ceb-902b-
d5151a5e8081
SM_V9_1 iris    exon    60423361        60423938        .       +
        .
Parent=Smp_151420.1;Name=4a819c22-933e-41ae-9ef3-24172745ad07
SM_V9_1 iris    exon    60425705        60425939        .       +
        .       Parent=Smp_151420.1;Name=0db3900c-efc7-4c1f-a88e-
d50e507eba8b
SM_V9_1 iris    exon    60430350        60430721        .       +
        .       Parent=Smp_151420.1;Name=b6d1d99c-3114-496b-a591-
e8e52225faa4
SM_V9_1 iris    exon    60431876        60432755        .       +
        .
Parent=Smp_151420.1;Name=95bf0a49-4a5e-4ab7-9510-1f82a10b16f7
SM_V9_1 iris    CDS     60382641        60382671        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60382714        60382918        .       +
        2       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60382959        60383081        .       +
        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60383114        60383192        .       +
        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60383226        60383291        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60384753        60384895        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60386679        60386921        .       +
        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60388149        60388301        .       +
        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60390467        60390629        .       +
        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60394838        60394948        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60396195        60396322        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60403133        60403187        .       +
        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60405155        60405322        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60408713        60408912        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60415326        60415441        .       +
        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60420264        60420382        .       +
        2       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60423361        60423938        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60425705        60425939        .       +
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        1       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60430350        60430721        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    CDS     60431876        60432100        .       +
        0       Parent=Smp_151420.1
SM_V9_1 iris    gene    60443535        60456789        .       +
        .
ID=Smp_054820;geneID=Smp_054820;gene_name=Smp_054820;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60443535        60456789        .       +
        .
ID=Smp_054820.1;Parent=Smp_054820;geneID=Smp_054820;gene_name=Smp_05
4820;owner=irisadmin@local.host;orig_id=Smp_054820.1;date_last_modif
ied=2022-07-18;Name=Smp_054820.1;product=N-alpha-acetyltransferase
35, NatC auxiliary subunit;date_creation=2022-07-18
SM_V9_1 iris    exon    60443535        60443662        .       +
        .
Parent=Smp_054820.1;Name=2e24c471-33e4-419d-97d0-5697abf8039f
SM_V9_1 iris    exon    60448265        60449927        .       +
        .       Parent=Smp_054820.1;Name=5a34d223-6121-4e93-abb5-
ee10e2eb5e93
SM_V9_1 iris    exon    60452168        60452824        .       +
        .       Parent=Smp_054820.1;Name=386cdac8-89c0-48b5-9c8f-
c69807334bca
SM_V9_1 iris    exon    60455697        60456789        .       +
        .       Parent=Smp_054820.1;Name=7a181fd9-cf7f-4e6f-
bf45-92bf97d31df2
SM_V9_1 iris    CDS     60448443        60449927        .       +
        0       Parent=Smp_054820.1
SM_V9_1 iris    CDS     60452168        60452824        .       +
        0       Parent=Smp_054820.1
SM_V9_1 iris    CDS     60455697        60456377        .       +
        0       Parent=Smp_054820.1
SM_V9_1 Liftoff gene    60457884        60475401        .       -
        .       ID=Smp_054810;geneID=Smp_054810
SM_V9_1 Liftoff mRNA    60457884        60475401        .       -
        .
ID=Smp_054810.1;Parent=Smp_054810;geneID=Smp_054810;product=N
utilization substance protein B homolog
SM_V9_1 Liftoff exon    60457884        60458657        .       -
        .       Parent=Smp_054810.1
SM_V9_1 Liftoff exon    60462956        60463020        .       -
        .       Parent=Smp_054810.1
SM_V9_1 Liftoff exon    60467438        60467773        .       -
        .       Parent=Smp_054810.1
SM_V9_1 Liftoff exon    60470434        60475401        .       -
        .       Parent=Smp_054810.1
SM_V9_1 Liftoff CDS     60458573        60458657        .       -
        1       Parent=Smp_054810.1
SM_V9_1 Liftoff CDS     60462956        60463020        .       -
        0       Parent=Smp_054810.1
SM_V9_1 Liftoff CDS     60467438        60467773        .       -
        0       Parent=Smp_054810.1
SM_V9_1 Liftoff CDS     60470434        60470889        .       -
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        0       Parent=Smp_054810.1
SM_V9_1 iris    gene    60491588        60501752        .       +
        .
ID=Smp_054800;geneID=Smp_054800;gene_name=Smp_054800;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60491588        60501752        .       +
        .
ID=Smp_054800.1;Parent=Smp_054800;geneID=Smp_054800;gene_name=Smp_05
4800;owner=irisadmin@local.host;orig_id=Smp_054800.1;date_last_modif
ied=2022-07-18;Name=Smp_054800.1;product=Glycerophosphocholine
phosphodiesterase GPCPD1;date_creation=2022-07-18
SM_V9_1 iris    exon    60491588        60491690        .       +
        .       Parent=Smp_054800.1;Name=458749cb-59f7-4751-8ab7-
d8590ecc752d
SM_V9_1 iris    exon    60492739        60492950        .       +
        .       Parent=Smp_054800.1;Name=d0352319-
d609-4ffe-9f7d-97b8de16b437
SM_V9_1 iris    exon    60495173        60495307        .       +
        .       Parent=Smp_054800.1;Name=a9ced744-d62b-4d4c-
b407-96c516be7d7c
SM_V9_1 iris    exon    60495342        60495483        .       +
        .       Parent=Smp_054800.1;Name=85b071a8-423a-4f0a-a643-
deb329fe78ec
SM_V9_1 iris    exon    60498465        60498824        .       +
        .       Parent=Smp_054800.1;Name=1e1b2435-43ea-4393-
bffc-65fd508476bc
SM_V9_1 iris    exon    60499485        60499864        .       +
        .       Parent=Smp_054800.1;Name=bb88b89a-908c-4dc8-
aae4-057ed5be773e
SM_V9_1 iris    exon    60501105        60501752        .       +
        .       Parent=Smp_054800.1;Name=c15dcaa7-f78d-4582-
b2ec-6a4a49da52b6
SM_V9_1 iris    CDS     60492816        60492950        .       +
        0       Parent=Smp_054800.1
SM_V9_1 iris    CDS     60495173        60495307        .       +
        0       Parent=Smp_054800.1
SM_V9_1 iris    CDS     60495342        60495483        .       +
        0       Parent=Smp_054800.1
SM_V9_1 iris    CDS     60498465        60498824        .       +
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SM_V9_1 iris    CDS     60499485        60499864        .       +
        2       Parent=Smp_054800.1
SM_V9_1 iris    CDS     60501105        60501569        .       +
        0       Parent=Smp_054800.1
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5 Pfam:PF12348;Ontology_term=GO:0005488
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SM_V9_1 Liftoff exon    60538706        60538976        .       -
        .       Parent=Smp_054790.1
SM_V9_1 Liftoff exon    60540495        60540843        .       -
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        1       Parent=Smp_054790.1
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SM_V9_1 Liftoff CDS     60520796        60520989        .       -
        2       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60521102        60521338        .       -
        2       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60522443        60522704        .       -
        0       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60523439        60523641        .       -
        2       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60523772        60524168        .       -
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SM_V9_1 Liftoff CDS     60524526        60524670        .       -
        1       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60526838        60527095        .       -
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SM_V9_1 Liftoff CDS     60527657        60528013        .       -
        1       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60529257        60529537        .       -
        0       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60537459        60537633        .       -
        1       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60538706        60538976        .       -
        2       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60540495        60540843        .       -
        0       Parent=Smp_054790.1
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SM_V9_1 Liftoff CDS     60542663        60542857        .       -
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SM_V9_1 Liftoff CDS     60543044        60543274        .       -
        0       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60543313        60543484        .       -
        1       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60543522        60543728        .       -
        1       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60543761        60543954        .       -
        0       Parent=Smp_054790.1
SM_V9_1 Liftoff CDS     60543991        60544047        .       -
        0       Parent=Smp_054790.1
SM_V9_1 Liftoff gene    60556955        60558952        .       +
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SM_V9_1 Liftoff mRNA    60556955        60558952        .       +
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ribosomal protein S8;polypeptide_domain=InterPro:IPR022309
Pfam:PF01201
SM_V9_1 Liftoff exon    60556955        60558952        .       +
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SM_V9_1 Liftoff CDS     60558407        60558778        .       +
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60562601        60575151        .       -
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ID=Smp_054770.1;Parent=Smp_054770;geneID=Smp_054770;gene_name=Smp_05
4770;owner=irisadmin@local.host;orig_id=Smp_054770.3;date_last_modif
ied=2022-07-18;Name=Smp_054770.1;product=Putative protein
tag-278;date_creation=2022-07-18
SM_V9_1 iris    exon    60562601        60563162        .       -
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a094-0f23d336478f
SM_V9_1 iris    exon    60565007        60565185        .       -
        .       Parent=Smp_054770.1;Name=35cd45ae-cf38-4a67-
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SM_V9_1 iris    exon    60566191        60566351        .       -
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SM_V9_1 iris    exon    60567521        60567680        .       -
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SM_V9_1 iris    exon    60569523        60569789        .       -
        .       Parent=Smp_054770.1;Name=4aa7938e-10c1-4aa5-
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SM_V9_1 iris    exon    60570309        60570515        .       -
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SM_V9_1 iris    CDS     60563099        60563162        .       -
        1       Parent=Smp_054770.1
SM_V9_1 iris    CDS     60565007        60565185        .       -
        0       Parent=Smp_054770.1
SM_V9_1 iris    CDS     60566191        60566351        .       -
        2       Parent=Smp_054770.1
SM_V9_1 iris    CDS     60567521        60567680        .       -
        0       Parent=Smp_054770.1
SM_V9_1 iris    CDS     60569523        60569789        .       -
        0       Parent=Smp_054770.1
SM_V9_1 iris    CDS     60570309        60570515        .       -
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SM_V9_1 iris    CDS     60573144        60573305        .       -
        0       Parent=Smp_054770.1
SM_V9_1 iris    CDS     60574867        60575019        .       -
        0       Parent=Smp_054770.1
SM_V9_1 iris    gene    60575647        60580697        .       -
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60575647        60580697        .       -
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ID=Smp_054775.1;Parent=Smp_054775;geneID=Smp_054775;gene_name=Smp_05
4775;owner=irisadmin@local.host;orig_id=Smp_054770.2;date_last_modif
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SM_V9_1 iris    exon    60575647        60576484        .       -
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SM_V9_1 iris    exon    60579499        60579801        .       -
        .       Parent=Smp_054775.1;Name=9be8352f-fefa-4d85-81f3-
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SM_V9_1 iris    exon    60580606        60580697        .       -
        .       Parent=Smp_054775.1;Name=0046d389-dc52-4ab9-
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SM_V9_1 iris    CDS     60576143        60576484        .       -
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SM_V9_1 iris    CDS     60579499        60579801        .       -
        0       Parent=Smp_054775.1
SM_V9_1 iris    CDS     60580606        60580641        .       -
        0       Parent=Smp_054775.1
SM_V9_1 Liftoff gene    60607271        60611551        .       -
        .
ID=Smp_054730;geneID=Smp_054730;previous_systematic_id=Smp_054740,Sm
p_054750
SM_V9_1 Liftoff mRNA    60607271        60611551        .       -
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ID=Smp_054730.1;Parent=Smp_054730;geneID=Smp_054730;product=B-box
type zinc finger protein
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SM_V9_1 Liftoff exon    60608895        60609046        .       -
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SM_V9_1 Liftoff exon    60609079        60609313        .       -
        .       Parent=Smp_054730.1
SM_V9_1 Liftoff exon    60609348        60610340        .       -
        .       Parent=Smp_054730.1
SM_V9_1 Liftoff exon    60610375        60610629        .       -
        .       Parent=Smp_054730.1
SM_V9_1 Liftoff exon    60610666        60610821        .       -
        .       Parent=Smp_054730.1
SM_V9_1 Liftoff exon    60610857        60611551        .       -
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SM_V9_1 Liftoff CDS     60609079        60609313        .       -
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        0       Parent=Smp_054730.1
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        .       ID=Smp_151410;geneID=Smp_151410
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1;polypeptide_domain=InterPro:IPR002048,IPR004843,IPR006186,IPR01199
2,IPR029052 Pfam:PF00149;Ontology_term=GO:0005509,GO:0016787
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        .       Parent=Smp_151410.2
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SM_V9_1 Liftoff exon    60642013        60642049        .       +
        .       Parent=Smp_151410.2
SM_V9_1 Liftoff exon    60644920        60645050        .       +
        .       Parent=Smp_151410.2
SM_V9_1 Liftoff exon    60650080        60650241        .       +
        .       Parent=Smp_151410.2
SM_V9_1 Liftoff exon    60652418        60652584        .       +
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SM_V9_1 Liftoff exon    60656359        60656508        .       +
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        .       Parent=Smp_151410.2
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        .       Parent=Smp_151410.2
SM_V9_1 Liftoff exon    60660052        60660158        .       +
        .       Parent=Smp_151410.2
SM_V9_1 Liftoff exon    60661602        60661771        .       +
        .       Parent=Smp_151410.2
SM_V9_1 Liftoff exon    60662133        60662214        .       +
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SM_V9_1 Liftoff exon    60663961        60664197        .       +
        .       Parent=Smp_151410.2
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SM_V9_1 Liftoff CDS     60642013        60642049        .       +
        0       Parent=Smp_151410.2
SM_V9_1 Liftoff CDS     60644920        60645050        .       +
        2       Parent=Smp_151410.2
SM_V9_1 Liftoff CDS     60650080        60650241        .       +
        0       Parent=Smp_151410.2
SM_V9_1 Liftoff CDS     60652418        60652584        .       +
        0       Parent=Smp_151410.2
SM_V9_1 Liftoff CDS     60654218        60654254        .       +
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SM_V9_1 Liftoff CDS     60656359        60656508        .       +
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SM_V9_1 Liftoff CDS     60657620        60657685        .       +
        0       Parent=Smp_151410.2
SM_V9_1 Liftoff CDS     60657888        60658309        .       +
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SM_V9_1 Liftoff CDS     60660052        60660158        .       +
        1       Parent=Smp_151410.2
SM_V9_1 Liftoff CDS     60661602        60661771        .       +
        2       Parent=Smp_151410.2
SM_V9_1 Liftoff CDS     60662133        60662214        .       +
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SM_V9_1 Liftoff CDS     60663961        60664163        .       +
        2       Parent=Smp_151410.2
SM_V9_1 Liftoff mRNA    60630950        60664201        .       +
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2,IPR029052 Pfam:PF00149;Ontology_term=GO:0005509,GO:0016787
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        .       Parent=Smp_151410.1
SM_V9_1 Liftoff exon    60654218        60654254        .       +
        .       Parent=Smp_151410.1
SM_V9_1 Liftoff exon    60656359        60656508        .       +
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SM_V9_1 Liftoff exon    60657620        60657685        .       +
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SM_V9_1 Liftoff exon    60657888        60658309        .       +
        .       Parent=Smp_151410.1
SM_V9_1 Liftoff exon    60660052        60660158        .       +
        .       Parent=Smp_151410.1
SM_V9_1 Liftoff exon    60661602        60661771        .       +
        .       Parent=Smp_151410.1
SM_V9_1 Liftoff exon    60662133        60662214        .       +
        .       Parent=Smp_151410.1
SM_V9_1 Liftoff exon    60663961        60664201        .       +
        .       Parent=Smp_151410.1
SM_V9_1 Liftoff CDS     60652511        60652584        .       +
        0       Parent=Smp_151410.1
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        1       Parent=Smp_151410.1
SM_V9_1 Liftoff CDS     60656359        60656508        .       +
        0       Parent=Smp_151410.1
SM_V9_1 Liftoff CDS     60657620        60657685        .       +
        0       Parent=Smp_151410.1
SM_V9_1 Liftoff CDS     60657888        60658309        .       +
        0       Parent=Smp_151410.1
SM_V9_1 Liftoff CDS     60660052        60660158        .       +
        1       Parent=Smp_151410.1
SM_V9_1 Liftoff CDS     60661602        60661771        .       +
        2       Parent=Smp_151410.1
SM_V9_1 Liftoff CDS     60662133        60662214        .       +
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SM_V9_1 Liftoff CDS     60663961        60664163        .       +
        2       Parent=Smp_151410.1
SM_V9_1 Liftoff gene    60671239        60721682        .       -
        .
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SM_V9_1 Liftoff mRNA    60671239        60703702        .       -
        .
ID=Smp_332550.1;Parent=Smp_332550;geneID=Smp_332550;product=Protein
Wnt-4;polypeptide_domain=InterPro:IPR005817,IPR018161
Pfam:PF00110;Ontology_term=GO:0005102,GO:0005576,GO:0007275,GO:00160
55
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        .       Parent=Smp_332550.1
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SM_V9_1 Liftoff exon    60702464        60703702        .       -
        .       Parent=Smp_332550.1
SM_V9_1 Liftoff CDS     60671986        60672588        .       -
        0       Parent=Smp_332550.1
SM_V9_1 Liftoff CDS     60677417        60677697        .       -
        2       Parent=Smp_332550.1
SM_V9_1 Liftoff CDS     60702464        60703214        .       -
        0       Parent=Smp_332550.1
SM_V9_1 Liftoff mRNA    60671239        60721682        .       -
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Pfam:PF00110;Ontology_term=GO:0005102,GO:0005576,GO:0007275,GO:00160
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SM_V9_1 Liftoff exon    60671239        60672588        .       -
        .       Parent=Smp_332550.2
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        .       Parent=Smp_332550.2
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        .       Parent=Smp_332550.2
SM_V9_1 Liftoff CDS     60671986        60672588        .       -
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SM_V9_1 Liftoff CDS     60677417        60677697        .       -
        2       Parent=Smp_332550.2
SM_V9_1 Liftoff CDS     60702464        60703164        .       -
        1       Parent=Smp_332550.2
SM_V9_1 Liftoff CDS     60721128        60721285        .       -
        0       Parent=Smp_332550.2
SM_V9_1 Liftoff gene    60738618        60776071        .       +
        .
ID=Smp_332560;geneID=Smp_332560;previous_systematic_id=Smp_054680,Sm
p_151390
SM_V9_1 Liftoff mRNA    60738618        60776071        .       +
        .
ID=Smp_332560.1;Parent=Smp_332560;geneID=Smp_332560;product=TAF5-
like RNA polymerase II p300/CBP-associated factor-associated factor
65 kDa subunit
5L;polypeptide_domain=InterPro:IPR001680,IPR011047,IPR015943,IPR0179
86,IPR019775 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    60738618        60741423        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60748126        60748222        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60749349        60749457        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60751287        60751522        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60752787        60752875        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60753914        60754007        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60755447        60755545        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60759110        60759200        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60760653        60760950        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60765718        60765799        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60767756        60768057        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60768637        60768765        .       +
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SM_V9_1 Liftoff exon    60770280        60770431        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60772053        60772254        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60773784        60773902        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60774816        60774909        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff exon    60775633        60776071        .       +
        .       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60741346        60741423        .       +
        0       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60748126        60748222        .       +
        0       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60749349        60749457        .       +
        2       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60751287        60751522        .       +
        1       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60752787        60752875        .       +
        2       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60753914        60754007        .       +
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SM_V9_1 Liftoff CDS     60755447        60755545        .       +
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SM_V9_1 Liftoff CDS     60759110        60759200        .       +
        2       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60760653        60760950        .       +
        1       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60765718        60765799        .       +
        0       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60767756        60768057        .       +
        2       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60768637        60768765        .       +
        0       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60770280        60770431        .       +
        0       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60772053        60772254        .       +
        1       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60773784        60773902        .       +
        0       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60774816        60774909        .       +
        1       Parent=Smp_332560.1
SM_V9_1 Liftoff CDS     60775633        60775872        .       +
        0       Parent=Smp_332560.1
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        .
ID=Smp_151380;geneID=Smp_151380;gene_name=Smp_151380;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    60780227        60836574        .       -
        .
ID=Smp_151380.1;Parent=Smp_151380;geneID=Smp_151380;gene_name=Smp_15
1380;owner=irisadmin@local.host;orig_id=Smp_151380.1;date_last_modif
ied=2022-08-01;Name=Smp_151380.1;product=Anaphase-promoting complex
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subunit 1;date_creation=2022-07-28
SM_V9_1 iris    exon    60780227        60780691        .       -
        .       Parent=Smp_151380.1;Name=e6e76855-9397-47c1-9643-
b770a081dd2a
SM_V9_1 iris    exon    60781193        60781348        .       -
        .
Parent=Smp_151380.1;Name=f84a2378-8781-44a5-8b19-83be0402c8a9
SM_V9_1 iris    exon    60781786        60781999        .       -
        .       Parent=Smp_151380.1;Name=cdf72d9f-a54e-437a-bf17-
fd6744fdbe05
SM_V9_1 iris    exon    60782706        60782784        .       -
        .       Parent=Smp_151380.1;Name=e7aab5c2-c7e8-4c07-
b37e-2caf87b54163
SM_V9_1 iris    exon    60782871        60782947        .       -
        .       Parent=Smp_151380.1;Name=83a84cc7-e31e-46a0-968e-
c377e199fbdc
SM_V9_1 iris    exon    60783940        60784011        .       -
        .       Parent=Smp_151380.1;Name=ac0d1c21-1f4d-4da7-97a9-
c726f8921ee9
SM_V9_1 iris    exon    60784243        60784360        .       -
        .
Parent=Smp_151380.1;Name=7bdfc7dc-7b10-4ecd-9efc-9a6331d17f79
SM_V9_1 iris    exon    60784701        60784787        .       -
        .       Parent=Smp_151380.1;Name=c4417fb3-
e718-40ed-8a50-2f9432bf06b8
SM_V9_1 iris    exon    60786688        60787175        .       -
        .
Parent=Smp_151380.1;Name=d3a8caee-62e8-4602-849e-548191e14f89
SM_V9_1 iris    exon    60789063        60789153        .       -
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a2e2-384981d65041
SM_V9_1 iris    exon    60790527        60791143        .       -
        .       Parent=Smp_151380.1;Name=91ea73ca-4201-4273-ba83-
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SM_V9_1 iris    exon    60799542        60800123        .       -
        .       Parent=Smp_151380.1;Name=0dd3bc67-3fa0-485b-
bca1-02752a8ef08e
SM_V9_1 iris    exon    60800494        60800921        .       -
        .
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SM_V9_1 iris    exon    60803066        60803306        .       -
        .       Parent=Smp_151380.1;Name=b15b90c4-6d22-46ca-
b93e-5d24508dc48a
SM_V9_1 iris    exon    60803890        60804111        .       -
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b7adcc1380fb
SM_V9_1 iris    exon    60804234        60804779        .       -
        .       Parent=Smp_151380.1;Name=1a84cc9c-40d2-46c7-b576-
bf58ad2d8f1e
SM_V9_1 iris    exon    60806934        60807232        .       -
        .       Parent=Smp_151380.1;Name=bff758e7-034e-4cab-
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SM_V9_1 iris    exon    60807811        60808173        .       -
        .       Parent=Smp_151380.1;Name=0b53ce89-32fb-4e51-856c-
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b7dbea6480e8
SM_V9_1 iris    exon    60809107        60809504        .       -
        .
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SM_V9_1 iris    exon    60813857        60813927        .       -
        .       Parent=Smp_151380.1;Name=d2d89ca2-d224-4cda-aedc-
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SM_V9_1 iris    exon    60814693        60814997        .       -
        .       Parent=Smp_151380.1;Name=9adbd0c7-42a9-407c-
ab0b-2461cdee22c9
SM_V9_1 iris    exon    60819155        60819436        .       -
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c79c1c1eb8c2
SM_V9_1 iris    exon    60825091        60825370        .       -
        .       Parent=Smp_151380.1;Name=fbfa9d40-5bfa-46ba-9b19-
d8bcdb66c27c
SM_V9_1 iris    exon    60826759        60827055        .       -
        .       Parent=Smp_151380.1;Name=c4681623-2f77-4def-
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SM_V9_1 iris    exon    60827704        60828037        .       -
        .       Parent=Smp_151380.1;Name=783c14ba-
deac-44d6-9788-8090684f9f52
SM_V9_1 iris    exon    60829387        60829537        .       -
        .
Parent=Smp_151380.1;Name=60b556b5-9086-4f53-867c-2af841a80d81
SM_V9_1 iris    exon    60829959        60830215        .       -
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Parent=Smp_151380.1;Name=0512f0e3-38d9-496a-978c-56ca1a7550e3
SM_V9_1 iris    exon    60830926        60831161        .       -
        .       Parent=Smp_151380.1;Name=bbe71497-83e1-42f1-
a1b0-860fb0b966d5
SM_V9_1 iris    exon    60832557        60832832        .       -
        .       Parent=Smp_151380.1;Name=ba4ef4d9-b33e-4aa1-
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SM_V9_1 iris    exon    60834271        60834711        .       -
        .       Parent=Smp_151380.1;Name=5f0c593e-73c7-4d44-
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SM_V9_1 iris    exon    60836152        60836352        .       -
        .       Parent=Smp_151380.1;Name=19926fba-
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SM_V9_1 iris    exon    60836389        60836574        .       -
        .       Parent=Smp_151380.1;Name=95342e6b-98a6-46e9-85ff-
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SM_V9_1 iris    CDS     60780582        60780691        .       -
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SM_V9_1 iris    CDS     60781193        60781348        .       -
        2       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60781786        60781999        .       -
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SM_V9_1 iris    CDS     60782706        60782784        .       -
        1       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60782871        60782947        .       -
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        0       Parent=Smp_151380.1
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SM_V9_1 iris    CDS     60784701        60784787        .       -
        1       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60786688        60787175        .       -
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SM_V9_1 iris    CDS     60789063        60789153        .       -
        1       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60790527        60791143        .       -
        0       Parent=Smp_151380.1
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        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60800494        60800921        .       -
        2       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60803066        60803306        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60803890        60804111        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60804234        60804779        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60806934        60807232        .       -
        2       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60807811        60808173        .       -
        2       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60809107        60809504        .       -
        1       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60813857        60813927        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60814693        60814997        .       -
        2       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60819155        60819436        .       -
        2       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60825091        60825370        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60826759        60827055        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60827704        60828037        .       -
        1       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60829387        60829537        .       -
        2       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60829959        60830215        .       -
        1       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60830926        60831161        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60832557        60832832        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60834271        60834711        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60836152        60836352        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    CDS     60836389        60836514        .       -
        0       Parent=Smp_151380.1
SM_V9_1 iris    gene    60848702        60876114        .       +
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SM_V9_1 iris    mRNA    60848702        60876114        .       +
        .
ID=Smp_332570.1;Parent=Smp_332570;geneID=Smp_332570;gene_name=Smp_33
2570;owner=irisadmin@local.host;orig_id=Smp_332570.1;date_last_modif
ied=2022-09-30;Name=Smp_332570.1;product=Major facilitator
superfamily domain-containing protein 10;date_creation=2022-07-18
SM_V9_1 iris    exon    60848702        60848862        .       +
        .       Parent=Smp_332570.1;Name=6f10814c-8daf-4079-8747-
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SM_V9_1 iris    exon    60848893        60848989        .       +
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        .       Parent=Smp_332570.1;Name=1f9822b4-b028-46af-a396-
e33d3d585681
SM_V9_1 iris    exon    60852747        60853097        .       +
        .       Parent=Smp_332570.1;Name=60f80999-
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SM_V9_1 iris    exon    60855307        60855400        .       +
        .       Parent=Smp_332570.1;Name=1266d790-
c48e-4104-8cd5-801436ad98e1
SM_V9_1 iris    exon    60855528        60855639        .       +
        .       Parent=Smp_332570.1;Name=7b9e88d2-5ecb-40c3-
a330-7960ed32fe17
SM_V9_1 iris    exon    60858621        60858676        .       +
        .       Parent=Smp_332570.1;Name=9cd825c8-
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SM_V9_1 iris    exon    60860792        60860844        .       +
        .       Parent=Smp_332570.1;Name=9ff7f7c4-1181-4b02-940f-
e4809688a7f9
SM_V9_1 iris    exon    60874362        60874517        .       +
        .       Parent=Smp_332570.1;Name=b0b75483-a9a6-4d97-
bed5-48dcb0de605b
SM_V9_1 iris    exon    60875736        60876114        .       +
        .       Parent=Smp_332570.1;Name=677a3960-87da-4c1b-
a969-72c277221097
SM_V9_1 iris    CDS     60848746        60848862        .       +
        0       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60848893        60848989        .       +
        0       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60849028        60849131        .       +
        2       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60852747        60853097        .       +
        0       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60855307        60855400        .       +
        0       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60855528        60855639        .       +
        2       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60858621        60858676        .       +
        1       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60860792        60860844        .       +
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        2       Parent=Smp_332570.1
SM_V9_1 iris    CDS     60874362        60874517        .       +
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        0       Parent=Smp_332570.1
SM_V9_1 Liftoff gene    60885182        60892395        .       +
        .       ID=Smp_054620;geneID=Smp_054620
SM_V9_1 Liftoff mRNA    60885182        60892395        .       +
        .
ID=Smp_054620.1;Parent=Smp_054620;geneID=Smp_054620;product=Putative
D-threonate 4-phosphate
dehydrogenase;polypeptide_domain=InterPro:IPR029409 Pfam:PF15383
SM_V9_1 Liftoff exon    60885182        60887515        .       +
        .       Parent=Smp_054620.1
SM_V9_1 Liftoff exon    60889739        60890244        .       +
        .       Parent=Smp_054620.1
SM_V9_1 Liftoff exon    60891856        60892395        .       +
        .       Parent=Smp_054620.1
SM_V9_1 Liftoff CDS     60887296        60887515        .       +
        0       Parent=Smp_054620.1
SM_V9_1 Liftoff CDS     60889739        60890244        .       +
        2       Parent=Smp_054620.1
SM_V9_1 Liftoff CDS     60891856        60892170        .       +
        0       Parent=Smp_054620.1
SM_V9_1 Liftoff mRNA    60885182        60892395        .       +
        .
ID=Smp_054620.2;Parent=Smp_054620;geneID=Smp_054620;product=Putative
D-threonate 4-phosphate
dehydrogenase;polypeptide_domain=InterPro:IPR029409 Pfam:PF15383
SM_V9_1 Liftoff exon    60885182        60887515        .       +
        .       Parent=Smp_054620.2
SM_V9_1 Liftoff exon    60889739        60890244        .       +
        .       Parent=Smp_054620.2
SM_V9_1 Liftoff exon    60891856        60892395        .       +
        .       Parent=Smp_054620.2
SM_V9_1 Liftoff CDS     60887296        60887515        .       +
        0       Parent=Smp_054620.2
SM_V9_1 Liftoff CDS     60889739        60890244        .       +
        2       Parent=Smp_054620.2
SM_V9_1 Liftoff CDS     60891856        60892170        .       +
        0       Parent=Smp_054620.2
SM_V9_1 Liftoff mRNA    60885182        60892395        .       +
        .
ID=Smp_054620.3;Parent=Smp_054620;geneID=Smp_054620;product=Putative
D-threonate 4-phosphate
dehydrogenase;polypeptide_domain=InterPro:IPR029409 Pfam:PF15383
SM_V9_1 Liftoff exon    60885182        60885281        .       +
        .       Parent=Smp_054620.3
SM_V9_1 Liftoff exon    60887278        60887515        .       +
        .       Parent=Smp_054620.3
SM_V9_1 Liftoff exon    60889739        60890244        .       +
        .       Parent=Smp_054620.3
SM_V9_1 Liftoff exon    60891856        60892395        .       +
        .       Parent=Smp_054620.3
```

```
SM_V9_1 Liftoff CDS     60885279        60885281        .       +
        0       Parent=Smp_054620.3
SM_V9_1 Liftoff CDS     60887278        60887515        .       +
        0       Parent=Smp_054620.3
SM_V9_1 Liftoff CDS     60889739        60890244        .       +
        2       Parent=Smp_054620.3
SM_V9_1 Liftoff CDS     60891856        60892170        .       +
        0       Parent=Smp_054620.3
SM_V9_1 iris    gene    60893606        60917726        .       -
        .
ID=Smp_054610;geneID=Smp_054610;gene_name=Smp_054610;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60893606        60917726        .       -
        .
ID=Smp_054610.1;Parent=Smp_054610;geneID=Smp_054610;gene_name=Smp_05
4610;owner=irisadmin@local.host;orig_id=Smp_054610.1;date_last_modif
ied=2022-07-18;Name=Smp_054610.1;product=WD repeat and HMG-box DNA-
binding protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    60893606        60894450        .       -
        .       Parent=Smp_054610.1;Name=32498b77-fcdb-4252-
bbbc-5b1f43aecee3
SM_V9_1 iris    exon    60896862        60896970        .       -
        .       Parent=Smp_054610.1;Name=8e0e764b-
d838-4503-922a-6fb8d8b0311d
SM_V9_1 iris    exon    60897065        60897114        .       -
        .       Parent=Smp_054610.1;Name=584775b3-1731-477e-8b54-
c404fe613a20
SM_V9_1 iris    exon    60901025        60901180        .       -
        .       Parent=Smp_054610.1;Name=ca50882b-1d66-4a7f-
ab41-95f783ba6391
SM_V9_1 iris    exon    60902177        60902408        .       -
        .       Parent=Smp_054610.1;Name=84a8aa60-2278-4ca9-
b0c4-8323e9361f2d
SM_V9_1 iris    exon    60904117        60904349        .       -
        .
Parent=Smp_054610.1;Name=3bf82df8-3d9c-4fed-86b0-760cf4fd4588
SM_V9_1 iris    exon    60905134        60905283        .       -
        .       Parent=Smp_054610.1;Name=83f701ef-26ea-43eb-8089-
ee03da4e8c80
SM_V9_1 iris    exon    60909145        60910113        .       -
        .       Parent=Smp_054610.1;Name=b1030e81-185e-46d9-
a1f4-87cd7c8db8e6
SM_V9_1 iris    exon    60912521        60912744        .       -
        .       Parent=Smp_054610.1;Name=2f879186-0103-4ae7-
a574-330f6f029e02
SM_V9_1 iris    exon    60913767        60914127        .       -
        .       Parent=Smp_054610.1;Name=7627e383-
a6bf-4a3f-8656-6bc54884d5a5
SM_V9_1 iris    exon    60915123        60915240        .       -
        .       Parent=Smp_054610.1;Name=663e109a-4395-415d-be90-
c9227b8188e9
SM_V9_1 iris    exon    60916718        60916917        .       -
        .       Parent=Smp_054610.1;Name=192953da-8ebe-4a8a-9c8b-
d220671e5494
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SM_V9_1 iris    exon    60916952        60917216        .       -
        .       Parent=Smp_054610.1;Name=dc8a78e3-fa15-44b9-a452-
dc285ab01589
SM_V9_1 iris    exon    60917251        60917402        .       -
        .       Parent=Smp_054610.1;Name=bb825316-
e12d-4750-9593-49da82229719
SM_V9_1 iris    exon    60917438        60917549        .       -
        .       Parent=Smp_054610.1;Name=978f9d9a-ab97-40ae-
bfe1-55ebbd994d50
SM_V9_1 iris    exon    60917589        60917726        .       -
        .       Parent=Smp_054610.1;Name=c2afc52d-3849-477e-a354-
ad8dd55b43df
SM_V9_1 iris    CDS     60894244        60894450        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60896862        60896970        .       -
        1       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60897065        60897114        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60901025        60901180        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60902177        60902408        .       -
        1       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60904117        60904349        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60905134        60905283        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60909145        60910113        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60912521        60912744        .       -
        2       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60913767        60914127        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60915123        60915240        .       -
        1       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60916718        60916917        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60916952        60917216        .       -
        1       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60917251        60917402        .       -
        0       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60917438        60917549        .       -
        1       Parent=Smp_054610.1
SM_V9_1 iris    CDS     60917589        60917662        .       -
        0       Parent=Smp_054610.1
SM_V9_1 Liftoff gene    60922178        60933372        .       +
        .       ID=Smp_054600;geneID=Smp_054600
SM_V9_1 Liftoff mRNA    60922178        60933372        .       +
        .
ID=Smp_054600.1;Parent=Smp_054600;geneID=Smp_054600;product=Pre-
mRNA-splicing factor SPF27;polypeptide_domain=InterPro:IPR008409
Pfam:PF05700;Ontology_term=GO:0006397
SM_V9_1 Liftoff exon    60922178        60923767        .       +
        .       Parent=Smp_054600.1
SM_V9_1 Liftoff exon    60923805        60923941        .       +
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        .       Parent=Smp_054600.1
SM_V9_1 Liftoff exon    60932318        60933372        .       +
        .       Parent=Smp_054600.1
SM_V9_1 Liftoff CDS     60923438        60923767        .       +
        0       Parent=Smp_054600.1
SM_V9_1 Liftoff CDS     60923805        60923941        .       +
        0       Parent=Smp_054600.1
SM_V9_1 Liftoff CDS     60932318        60932504        .       +
        1       Parent=Smp_054600.1
SM_V9_1 Liftoff gene    60939125        60942604        .       -
        .       ID=Smp_151360;geneID=Smp_151360
SM_V9_1 Liftoff mRNA    60939125        60942604        .       -
        .
ID=Smp_151360.1;Parent=Smp_151360;geneID=Smp_151360;product=Acetate
kinase
SM_V9_1 Liftoff exon    60939125        60940073        .       -
        .       Parent=Smp_151360.1
SM_V9_1 Liftoff exon    60941083        60941293        .       -
        .       Parent=Smp_151360.1
SM_V9_1 Liftoff exon    60942556        60942604        .       -
        .       Parent=Smp_151360.1
SM_V9_1 Liftoff CDS     60939510        60940073        .       -
        0       Parent=Smp_151360.1
SM_V9_1 Liftoff CDS     60941083        60941293        .       -
        1       Parent=Smp_151360.1
SM_V9_1 Liftoff CDS     60942556        60942560        .       -
        0       Parent=Smp_151360.1
SM_V9_1 Liftoff mRNA    60939125        60942604        .       -
        .
ID=Smp_151360.2;Parent=Smp_151360;geneID=Smp_151360;product=RNA
polymerase-associated protein CTR9 homolog
SM_V9_1 Liftoff exon    60939125        60939389        .       -
        .       Parent=Smp_151360.2
SM_V9_1 Liftoff exon    60941083        60941293        .       -
        .       Parent=Smp_151360.2
SM_V9_1 Liftoff exon    60942556        60942604        .       -
        .       Parent=Smp_151360.2
SM_V9_1 Liftoff CDS     60939267        60939389        .       -
        0       Parent=Smp_151360.2
SM_V9_1 Liftoff CDS     60941083        60941293        .       -
        1       Parent=Smp_151360.2
SM_V9_1 Liftoff CDS     60942556        60942560        .       -
        0       Parent=Smp_151360.2
SM_V9_1 iris    gene    60950788        60968886        .       +
        .
ID=Smp_344380;geneID=Smp_344380;gene_name=Smp_344380;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    60950788        60968886        .       +
        .
ID=Smp_344380.1;Parent=Smp_344380;geneID=Smp_344380;gene_name=Smp_34
4380;owner=irisadmin@local.host;orig_id=Smp_344380.4;date_last_modif
ied=2022-07-18;Name=Smp_344380.1;product=Dynein assembly factor 4,
axonemal;date_creation=2022-07-18
SM_V9_1 iris    exon    60950788        60950957        .       +
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        .       Parent=Smp_344380.1;Name=ab379d1b-64e7-4b47-
ac19-95e8d8d606c2
SM_V9_1 iris    exon    60954162        60954312        .       +
        .
Parent=Smp_344380.1;Name=3472d28f-3187-4cef-9164-25dd07970bca
SM_V9_1 iris    exon    60954405        60954538        .       +
        .
Parent=Smp_344380.1;Name=d35447df-39c5-4b19-9011-592210179be9
SM_V9_1 iris    exon    60954584        60954694        .       +
        .       Parent=Smp_344380.1;Name=69f0a2d0-4cc9-4355-
a65f-4deb89a5f359
SM_V9_1 iris    exon    60956433        60956508        .       +
        .       Parent=Smp_344380.1;Name=d26c895a-1954-4872-812e-
a308c64194db
SM_V9_1 iris    exon    60956559        60956710        .       +
        .       Parent=Smp_344380.1;Name=69d6a614-31f5-4743-9507-
fd655443c298
SM_V9_1 iris    exon    60957321        60957426        .       +
        .       Parent=Smp_344380.1;Name=54193a3f-f378-4f14-b93d-
e6b4f5a34d6a
SM_V9_1 iris    exon    60963261        60963327        .       +
        .
Parent=Smp_344380.1;Name=601e9a4e-37ed-4d2f-88c7-62d6c8b1c7f4
SM_V9_1 iris    exon    60966011        60966189        .       +
        .
Parent=Smp_344380.1;Name=da5c30d6-7ffb-43ce-9c3e-5d43e7d4b481
SM_V9_1 iris    exon    60968767        60968886        .       +
        .       Parent=Smp_344380.1;Name=1565d83d-29e8-4dfc-83cc-
a966a142bbb4
SM_V9_1 iris    CDS     60950835        60950957        .       +
        0       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60954162        60954312        .       +
        0       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60954405        60954538        .       +
        2       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60954584        60954694        .       +
        0       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60956433        60956508        .       +
        0       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60956559        60956710        .       +
        2       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60957321        60957426        .       +
        0       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60963261        60963327        .       +
        2       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60966011        60966189        .       +
        1       Parent=Smp_344380.1
SM_V9_1 iris    CDS     60968767        60968864        .       +
        2       Parent=Smp_344380.1
SM_V9_1 Liftoff gene    61018242        61034268        .       +
        .       ID=Smp_151330;geneID=Smp_151330
SM_V9_1 Liftoff mRNA    61018242        61034268        .       +
        .
ID=Smp_151330.1;Parent=Smp_151330;geneID=Smp_151330;product=Signal
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recognition particle subunit SRP21
SM_V9_1 Liftoff exon    61018242        61018295        .       +
        .       Parent=Smp_151330.1
SM_V9_1 Liftoff exon    61034152        61034268        .       +
        .       Parent=Smp_151330.1
SM_V9_1 Liftoff CDS     61018242        61018295        .       +
        0       Parent=Smp_151330.1
SM_V9_1 Liftoff CDS     61034152        61034268        .       +
        0       Parent=Smp_151330.1
SM_V9_1 Liftoff gene    61076835        61142761        .       -
        .
ID=Smp_302140;geneID=Smp_302140;previous_systematic_id=Smp_170270,Sm
p_186630
SM_V9_1 Liftoff mRNA    61076835        61142761        .       -
        .
ID=Smp_302140.1;Parent=Smp_302140;geneID=Smp_302140;product=Nucleus
accumbens-associated protein 2;polypeptide_domain=InterPro:IPR018379
SM_V9_1 Liftoff exon    61076835        61079239        .       -
        .       Parent=Smp_302140.1
SM_V9_1 Liftoff exon    61089790        61090003        .       -
        .       Parent=Smp_302140.1
SM_V9_1 Liftoff exon    61140895        61142761        .       -
        .       Parent=Smp_302140.1
SM_V9_1 Liftoff CDS     61078728        61079239        .       -
        2       Parent=Smp_302140.1
SM_V9_1 Liftoff CDS     61089790        61090003        .       -
        0       Parent=Smp_302140.1
SM_V9_1 Liftoff CDS     61140895        61142556        .       -
        0       Parent=Smp_302140.1
SM_V9_1 Liftoff gene    61151665        61154317        .       +
        .       ID=Smp_088420;geneID=Smp_088420
SM_V9_1 Liftoff mRNA    61151665        61154317        .       +
        .
ID=Smp_088420.2;Parent=Smp_088420;geneID=Smp_088420;product=Cytosoli
c carboxypeptidase 1
SM_V9_1 Liftoff exon    61151665        61151768        .       +
        .       Parent=Smp_088420.2
SM_V9_1 Liftoff exon    61151809        61151893        .       +
        .       Parent=Smp_088420.2
SM_V9_1 Liftoff exon    61154038        61154317        .       +
        .       Parent=Smp_088420.2
SM_V9_1 Liftoff CDS     61151695        61151768        .       +
        0       Parent=Smp_088420.2
SM_V9_1 Liftoff CDS     61151809        61151893        .       +
        1       Parent=Smp_088420.2
SM_V9_1 Liftoff CDS     61154038        61154265        .       +
        0       Parent=Smp_088420.2
SM_V9_1 Liftoff mRNA    61151675        61154317        .       +
        .
ID=Smp_088420.1;Parent=Smp_088420;geneID=Smp_088420;product=Cytosoli
c carboxypeptidase 1
SM_V9_1 Liftoff exon    61151675        61151893        .       +
        .       Parent=Smp_088420.1
SM_V9_1 Liftoff exon    61154038        61154317        .       +
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        .       Parent=Smp_088420.1
SM_V9_1 Liftoff CDS     61151708        61151893        .       +
        0       Parent=Smp_088420.1
SM_V9_1 Liftoff CDS     61154038        61154265        .       +
        0       Parent=Smp_088420.1
SM_V9_1 iris    gene    61162390        61181697        .       +
        .
ID=Smp_170280;geneID=Smp_170280;gene_name=Smp_170280;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    61162390        61181697        .       +
        .
ID=Smp_170280.1;Parent=Smp_170280;geneID=Smp_170280;gene_name=Smp_17
0280;owner=irisadmin@local.host;orig_id=Smp_170280.1;date_last_modif
ied=2022-07-18;Name=Smp_170280.1;product=integrin alpha
ps;date_creation=2022-07-18
SM_V9_1 iris    exon    61162390        61164177        .       +
        .       Parent=Smp_170280.1;Name=cd4c3f44-1b23-485b-93f6-
eae3f7c7b8ef
SM_V9_1 iris    exon    61164730        61166200        .       +
        .       Parent=Smp_170280.1;Name=aeb2e95b-1c9f-425f-
bdf8-8ea311cbd266
SM_V9_1 iris    exon    61167736        61167927        .       +
        .
Parent=Smp_170280.1;Name=88c7ef51-9d34-486b-8169-20d927413c94
SM_V9_1 iris    exon    61169582        61169707        .       +
        .       Parent=Smp_170280.1;Name=da5fbae8-5117-4fd4-b46d-
acd57ee94fde
SM_V9_1 iris    exon    61179864        61181697        .       +
        .
Parent=Smp_170280.1;Name=397d1052-01c8-4096-9cc7-0143f3f7f0d7
SM_V9_1 iris    CDS     61162549        61164177        .       +
        0       Parent=Smp_170280.1
SM_V9_1 iris    CDS     61164730        61166200        .       +
        0       Parent=Smp_170280.1
SM_V9_1 iris    CDS     61167736        61167927        .       +
        2       Parent=Smp_170280.1
SM_V9_1 iris    CDS     61169582        61169707        .       +
        2       Parent=Smp_170280.1
SM_V9_1 iris    CDS     61179864        61181053        .       +
        2       Parent=Smp_170280.1
SM_V9_1 iris    gene    61183745        61259261        .       -
        .
ID=Smp_170290;geneID=Smp_170290;gene_name=Smp_170290;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    61183745        61259261        .       -
        .
ID=Smp_170290.1;Parent=Smp_170290;geneID=Smp_170290;gene_name=Smp_17
0290;owner=irisadmin@local.host;orig_id=Smp_170290.1;date_last_modif
ied=2022-07-18;Name=Smp_170290.1;product=Disks large homolog
2;date_creation=2022-07-18
SM_V9_1 iris    exon    61183745        61185329        .       -
        .       Parent=Smp_170290.1;Name=0ac4e3e8-25f5-4d96-86c9-
c3a3ed1d4aba
SM_V9_1 iris    exon    61186245        61186712        .       -
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        .       Parent=Smp_170290.1;Name=cb9b0725-ba6b-4619-ab5b-
e6d44fb1d9c0
SM_V9_1 iris    exon    61189008        61189190        .       -
        .       Parent=Smp_170290.1;Name=52e236d9-022a-4e31-
a293-13926e3453ef
SM_V9_1 iris    exon    61190223        61190538        .       -
        .
Parent=Smp_170290.1;Name=b4b17b48-3fd3-4e0c-9b2a-710bdf5070d0
SM_V9_1 iris    exon    61193343        61193812        .       -
        .       Parent=Smp_170290.1;Name=89751db7-4bd9-479b-
b5d0-396b8b8647bf
SM_V9_1 iris    exon    61196768        61196870        .       -
        .       Parent=Smp_170290.1;Name=3999faf5-
adf7-491c-8a0c-947b42ae1d6d
SM_V9_1 iris    exon    61203084        61203370        .       -
        .       Parent=Smp_170290.1;Name=ad75df7b-
e650-45ce-9615-19c244b62465
SM_V9_1 iris    exon    61204337        61204903        .       -
        .       Parent=Smp_170290.1;Name=60295e91-86cb-4cb3-9633-
da7852e40706
SM_V9_1 iris    exon    61208808        61209003        .       -
        .       Parent=Smp_170290.1;Name=a9a034b1-b1b2-4502-
ae95-99572aabe2ab
SM_V9_1 iris    exon    61212473        61212794        .       -
        .       Parent=Smp_170290.1;Name=dd99d57e-fdb8-45a7-
a8a2-75fc475eb8b8
SM_V9_1 iris    exon    61218877        61219433        .       -
        .       Parent=Smp_170290.1;Name=e5d60aa1-cf52-4418-ab84-
e5ba0ed05ffe
SM_V9_1 iris    exon    61225851        61225953        .       -
        .       Parent=Smp_170290.1;Name=4262adb3-a059-4728-
af4d-9cb891827ab1
SM_V9_1 iris    exon    61240777        61241447        .       -
        .       Parent=Smp_170290.1;Name=4c4938b7-
aae9-4f5d-9204-0c6983782a9a
SM_V9_1 iris    exon    61248473        61248657        .       -
        .
Parent=Smp_170290.1;Name=39d5dad8-2f8b-4d63-8c56-5667873ffd33
SM_V9_1 iris    exon    61250914        61251045        .       -
        .       Parent=Smp_170290.1;Name=55caffc4-38d1-4d22-9254-
f2f9f8aebe5c
SM_V9_1 iris    exon    61259216        61259261        .       -
        .
Parent=Smp_170290.1;Name=9af3bb39-4eee-4a14-96bc-38b4bb143b54
SM_V9_1 iris    CDS     61185220        61185329        .       -
        2       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61186245        61186712        .       -
        2       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61189008        61189190        .       -
        2       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61190223        61190538        .       -
        0       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61193343        61193812        .       -
        2       Parent=Smp_170290.1
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SM_V9_1 iris    CDS     61196768        61196870        .       -
        0       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61203084        61203370        .       -
        2       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61204337        61204903        .       -
        2       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61208808        61209003        .       -
        0       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61212473        61212794        .       -
        1       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61218877        61219433        .       -
        0       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61225851        61225953        .       -
        1       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61240777        61241447        .       -
        0       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61248473        61248657        .       -
        2       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61250914        61251045        .       -
        2       Parent=Smp_170290.1
SM_V9_1 iris    CDS     61259216        61259240        .       -
        0       Parent=Smp_170290.1
SM_V9_1 Liftoff gene    61283405        61297299        .       +
        .       ID=Smp_088460;geneID=Smp_088460
SM_V9_1 Liftoff mRNA    61283405        61297299        .       +
        .
ID=Smp_088460.1;Parent=Smp_088460;geneID=Smp_088460;product=General
transcription factor IIF subunit
1;polypeptide_domain=InterPro:IPR008851,IPR011039,IPR011991
Pfam:PF05793;Ontology_term=GO:0003677,GO:0003824,GO:0005634,GO:00063
67,GO:0032968
SM_V9_1 Liftoff exon    61283405        61283678        .       +
        .       Parent=Smp_088460.1
SM_V9_1 Liftoff exon    61287605        61288091        .       +
        .       Parent=Smp_088460.1
SM_V9_1 Liftoff exon    61289488        61289885        .       +
        .       Parent=Smp_088460.1
SM_V9_1 Liftoff exon    61291599        61291775        .       +
        .       Parent=Smp_088460.1
SM_V9_1 Liftoff exon    61292137        61292605        .       +
        .       Parent=Smp_088460.1
SM_V9_1 Liftoff exon    61294381        61294504        .       +
        .       Parent=Smp_088460.1
SM_V9_1 Liftoff exon    61296288        61297299        .       +
        .       Parent=Smp_088460.1
SM_V9_1 Liftoff CDS     61283647        61283678        .       +
        0       Parent=Smp_088460.1
SM_V9_1 Liftoff CDS     61287605        61288091        .       +
        1       Parent=Smp_088460.1
SM_V9_1 Liftoff CDS     61289488        61289885        .       +
        0       Parent=Smp_088460.1
SM_V9_1 Liftoff CDS     61291599        61291775        .       +
        1       Parent=Smp_088460.1
SM_V9_1 Liftoff CDS     61292137        61292605        .       +
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        1       Parent=Smp_088460.1
SM_V9_1 Liftoff CDS     61294381        61294504        .       +
        0       Parent=Smp_088460.1
SM_V9_1 Liftoff CDS     61296288        61297084        .       +
        2       Parent=Smp_088460.1
SM_V9_1 iris    gene    61298161        61310879        .       +
        .
ID=Smp_170300;geneID=Smp_170300;gene_name=Smp_170300;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    61298161        61310879        .       +
        .
ID=Smp_170300.1;Parent=Smp_170300;geneID=Smp_170300;gene_name=Smp_17
0300;owner=irisadmin@local.host;orig_id=Smp_170300.1;date_last_modif
ied=2022-08-01;Name=Smp_170300.1;product=Dehydrogenase/reductase SDR
family member 12;date_creation=2022-07-29
SM_V9_1 iris    exon    61298161        61298273        .       +
        .       Parent=Smp_170300.1;Name=c58bc2d4-8635-41be-
af7e-5e00ba927a63
SM_V9_1 iris    exon    61299500        61299558        .       +
        .
Parent=Smp_170300.1;Name=166f2930-3dd8-47b7-9de0-6b2e2f2f01b0
SM_V9_1 iris    exon    61301131        61301356        .       +
        .       Parent=Smp_170300.1;Name=4d97c431-adb4-4b61-
a334-3b7fdf47fc1b
SM_V9_1 iris    exon    61303013        61303111        .       +
        .       Parent=Smp_170300.1;Name=2889253d-096d-43ed-
b66f-237da2843a30
SM_V9_1 iris    exon    61305240        61305374        .       +
        .       Parent=Smp_170300.1;Name=797d7bcd-1bce-4abd-
bf94-0fe4f9fbb079
SM_V9_1 iris    exon    61308198        61308407        .       +
        .       Parent=Smp_170300.1;Name=764a21ae-1fdf-48e5-a327-
ce04bdc86d18
SM_V9_1 iris    exon    61308874        61309012        .       +
        .       Parent=Smp_170300.1;Name=f9690d9f-b682-424a-be9e-
ef6ed4d2205e
SM_V9_1 iris    exon    61310342        61310879        .       +
        .       Parent=Smp_170300.1;Name=01c72568-21e4-4dae-b567-
a86f522febd7
SM_V9_1 iris    CDS     61299503        61299558        .       +
        0       Parent=Smp_170300.1
SM_V9_1 iris    CDS     61301131        61301356        .       +
        1       Parent=Smp_170300.1
SM_V9_1 iris    CDS     61303013        61303111        .       +
        0       Parent=Smp_170300.1
SM_V9_1 iris    CDS     61305240        61305374        .       +
        0       Parent=Smp_170300.1
SM_V9_1 iris    CDS     61308198        61308407        .       +
        0       Parent=Smp_170300.1
SM_V9_1 iris    CDS     61308874        61309012        .       +
        0       Parent=Smp_170300.1
SM_V9_1 iris    CDS     61310342        61310454        .       +
        2       Parent=Smp_170300.1
SM_V9_1 iris    gene    61319265        61350508        .       +
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ID=Smp_213880;geneID=Smp_213880;gene_name=Smp_213880 ;owner=irisadmi
n@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    61319265        61350508        .       +
        .
ID=Smp_213880.1;Parent=Smp_213880;geneID=Smp_213880;gene_name=Smp_21
3880 ;owner=irisadmin@local.host;orig_id=Smp_213880.1;date_last_modi
fied=2022-08-01;Name=Smp_213880.1;product=Zinc finger protein
385A;date_creation=2022-07-29
SM_V9_1 iris    exon    61319265        61319333        .       +
        .
Parent=Smp_213880.1;Name=25299b18-5862-45f4-89f7-93d3dfb2fc10
SM_V9_1 iris    exon    61322565        61322840        .       +
        .       Parent=Smp_213880.1;Name=814fa5d0-bcf5-4f6e-9e07-
d21d1e288eab
SM_V9_1 iris    exon    61322877        61323038        .       +
        .       Parent=Smp_213880.1;Name=eafcaeb4-6211-446e-
a0cb-9b7dde8b2387
SM_V9_1 iris    exon    61325451        61325705        .       +
        .       Parent=Smp_213880.1;Name=da8bc11c-c569-4a5f-b2ce-
d4385d573516
SM_V9_1 iris    exon    61338756        61338985        .       +
        .
Parent=Smp_213880.1;Name=4aeb7e31-67b5-41a4-919f-6369c23af376
SM_V9_1 iris    exon    61343856        61343959        .       +
        .       Parent=Smp_213880.1;Name=8f676aa6-deb2-4387-
bb4e-1d6dd1789b6e
SM_V9_1 iris    exon    61348549        61348706        .       +
        .       Parent=Smp_213880.1;Name=20675d3b-3d21-437f-
bc4a-13b5c4faf4cb
SM_V9_1 iris    exon    61350209        61350508        .       +
        .       Parent=Smp_213880.1;Name=3373ef62-
ce7b-44de-92b8-12c5bdfb43e1
SM_V9_1 iris    CDS     61322565        61322840        .       +
        0       Parent=Smp_213880.1
SM_V9_1 iris    CDS     61322877        61323038        .       +
        0       Parent=Smp_213880.1
SM_V9_1 iris    CDS     61325451        61325705        .       +
        0       Parent=Smp_213880.1
SM_V9_1 iris    CDS     61338756        61338985        .       +
        0       Parent=Smp_213880.1
SM_V9_1 iris    CDS     61343856        61343959        .       +
        1       Parent=Smp_213880.1
SM_V9_1 iris    CDS     61348549        61348706        .       +
        2       Parent=Smp_213880.1
SM_V9_1 iris    CDS     61350209        61350277        .       +
        0       Parent=Smp_213880.1
SM_V9_1 Liftoff gene    61363278        61382951        .       +
        .
ID=Smp_327480;geneID=Smp_327480;previous_systematic_id=Smp_170310,Sm
p_170310,Smp_196570,Smp_213890,Smp_243620
SM_V9_1 Liftoff mRNA    61363278        61382951        .       +
        .
ID=Smp_327480.1;Parent=Smp_327480;geneID=Smp_327480;product=Spectrin
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chain;polypeptide_domain=InterPro:IPR001452,IPR002017,IPR002048,IPR0
11992,IPR014837,IPR018159,IPR018247,IPR035825,IPR036028
Pfam:PF00018,PF00435,PF08726,PF13499;Ontology_term=GO:0005509,GO:000
5515
SM_V9_1 Liftoff exon    61363278        61363470        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61363506        61363608        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61363641        61363766        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61363805        61364029        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61364063        61365911        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61368379        61369822        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61370618        61370717        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61370753        61370901        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61372690        61373249        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61373333        61373577        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61376719        61376859        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61377023        61377319        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61378828        61379049        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61379115        61379524        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61379628        61379940        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61380941        61381123        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61381298        61381474        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61381565        61381996        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff exon    61382503        61382951        .       +
        .       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61363331        61363470        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61363506        61363608        .       +
        1       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61363641        61363766        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61363805        61364029        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61364063        61365911        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61368379        61369822        .       +
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        2       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61370618        61370717        .       +
        1       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61370753        61370901        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61372690        61373249        .       +
        1       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61373333        61373577        .       +
        2       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61376719        61376859        .       +
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SM_V9_1 Liftoff CDS     61377023        61377319        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61378828        61379049        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61379115        61379524        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61379628        61379940        .       +
        1       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61380941        61381123        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61381298        61381474        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61381565        61381996        .       +
        0       Parent=Smp_327480.1
SM_V9_1 Liftoff CDS     61382503        61382628        .       +
        0       Parent=Smp_327480.1
SM_V9_1 iris    gene    61407885        61411083        .       +
        .
ID=Smp_170320;geneID=Smp_170320;gene_name=Smp_170320;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    61407885        61411083        .       +
        .
ID=Smp_170320.1;Parent=Smp_170320;geneID=Smp_170320;gene_name=Smp_17
0320;owner=irisadmin@local.host;orig_id=Smp_170320.1;date_last_modif
ied=2022-08-01;Name=Smp_170320.1;product=Speedy protein
A;date_creation=2022-07-29
SM_V9_1 iris    exon    61407885        61408244        .       +
        .       Parent=Smp_170320.1;Name=5f30cd2e-0717-475c-84f3-
aed832193d42
SM_V9_1 iris    exon    61408283        61408341        .       +
        .       Parent=Smp_170320.1;Name=168a0489-6eca-4b80-a9f9-
ffb910fbe023
SM_V9_1 iris    exon    61408374        61408459        .       +
        .       Parent=Smp_170320.1;Name=c0f10a4f-
c9c5-46f1-8f29-654868315157
SM_V9_1 iris    exon    61408495        61408666        .       +
        .       Parent=Smp_170320.1;Name=77792f4b-9665-4d37-b98b-
b27a58bd7ad9
SM_V9_1 iris    exon    61408700        61408827        .       +
        .       Parent=Smp_170320.1;Name=cd47dab7-e26b-4a62-919e-
d2e5e3cea235
SM_V9_1 iris    exon    61408880        61409010        .       +
        .       Parent=Smp_170320.1;Name=c755f362-e02c-47c0-
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a6d7-7236d6e84d5b
SM_V9_1 iris    exon    61409050        61409169        .       +
        .       Parent=Smp_170320.1;Name=8440c4a0-f335-4c05-b923-
b4c8adbb1e48
SM_V9_1 iris    exon    61410898        61411083        .       +
        .       Parent=Smp_170320.1;Name=3c69c39a-92b4-41c0-a1ec-
d3448aab2119
SM_V9_1 iris    CDS     61407977        61408244        .       +
        0       Parent=Smp_170320.1
SM_V9_1 iris    CDS     61408283        61408341        .       +
        2       Parent=Smp_170320.1
SM_V9_1 iris    CDS     61408374        61408459        .       +
        0       Parent=Smp_170320.1
SM_V9_1 iris    CDS     61408495        61408666        .       +
        1       Parent=Smp_170320.1
SM_V9_1 iris    CDS     61408700        61408827        .       +
        0       Parent=Smp_170320.1
SM_V9_1 iris    CDS     61408880        61409010        .       +
        1       Parent=Smp_170320.1
SM_V9_1 iris    CDS     61409050        61409169        .       +
        2       Parent=Smp_170320.1
SM_V9_1 iris    CDS     61410898        61410944        .       +
        2       Parent=Smp_170320.1
SM_V9_1 Liftoff gene    61413197        61438941        .       -
        .
ID=Smp_213900;geneID=Smp_213900;previous_systematic_id=Smp_170330
SM_V9_1 Liftoff mRNA    61413197        61438941        .       -
        .
ID=Smp_213900.1;Parent=Smp_213900;geneID=Smp_213900;product=Collagen
alpha-1(IV)
chain;polypeptide_domain=InterPro:IPR001442,IPR008160,IPR016187
Pfam:PF01391,PF01413;Ontology_term=GO:0005201,GO:0005581
SM_V9_1 Liftoff exon    61413197        61414215        .       -
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SM_V9_1 Liftoff exon    61415240        61415532        .       -
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        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61418060        61418164        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61418858        61419160        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61419382        61419622        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61419740        61420047        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61421074        61421217        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61421472        61421642        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61422678        61422812        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61423009        61423149        .       -
        .       Parent=Smp_213900.1
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SM_V9_1 Liftoff exon    61423475        61423582        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61424124        61424294        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61425643        61425853        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61426067        61426264        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61426865        61427043        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61427514        61427663        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61429062        61429202        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61429444        61429654        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61430612        61430731        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61431249        61431293        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61431653        61431715        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61432826        61432879        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61433505        61433690        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61435485        61435547        .       -
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SM_V9_1 Liftoff exon    61436178        61436213        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61436445        61436567        .       -
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SM_V9_1 Liftoff exon    61436817        61436879        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61437006        61437050        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61438211        61438345        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61438441        61438518        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61438571        61438628        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff exon    61438726        61438941        .       -
        .       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61413928        61414215        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61415240        61415532        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61416343        61417077        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61418060        61418164        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61418858        61419160        .       -
        2       Parent=Smp_213900.1
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SM_V9_1 Liftoff CDS     61419382        61419622        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61419740        61420047        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61421074        61421217        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61421472        61421642        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61422678        61422812        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61423009        61423149        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61423475        61423582        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61424124        61424294        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61425643        61425853        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61426067        61426264        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61426865        61427043        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61427514        61427663        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61429062        61429202        .       -
        2       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61429444        61429654        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61430612        61430731        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61431249        61431293        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61431653        61431715        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61432826        61432879        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61433505        61433690        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61435485        61435547        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61436178        61436213        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61436445        61436567        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61436817        61436879        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61437006        61437050        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61438211        61438345        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61438441        61438518        .       -
        0       Parent=Smp_213900.1
SM_V9_1 Liftoff CDS     61438571        61438628        .       -
        1       Parent=Smp_213900.1
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SM_V9_1 Liftoff CDS     61438726        61438799        .       -
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SM_V9_1 iris    gene    61440508        61488180        .       -
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    61440508        61488180        .       -
        .
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3910;owner=irisadmin@local.host;orig_id=Smp_213910.1;date_last_modif
ied=2022-08-01;Name=Smp_213910.1;product=Collagen alpha-1(IV)
chain;date_creation=2022-07-29
SM_V9_1 iris    exon    61440508        61441160        .       -
        .       Parent=Smp_213910.1;Name=0ecaad86-fef8-48ca-
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SM_V9_1 iris    exon    61442486        61442772        .       -
        .       Parent=Smp_213910.1;Name=66c60daf-7b8c-4216-a0a7-
bb2e78194f7e
SM_V9_1 iris    exon    61444184        61444921        .       -
        .       Parent=Smp_213910.1;Name=18eed20a-7bf7-4972-
ad6b-33245308d600
SM_V9_1 iris    exon    61445332        61445436        .       -
        .       Parent=Smp_213910.1;Name=fd642c07-ed42-4585-
afac-95b17c0377cb
SM_V9_1 iris    exon    61446480        61446677        .       -
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Parent=Smp_213910.1;Name=992b8eec-5b31-4537-8c1f-7fe397c0ba00
SM_V9_1 iris    exon    61447744        61447851        .       -
        .       Parent=Smp_213910.1;Name=b98be7b1-
b067-43ef-97b7-7a6ee16c679b
SM_V9_1 iris    exon    61448857        61449097        .       -
        .
Parent=Smp_213910.1;Name=bfa055cb-9485-435d-938a-0bbb3c81a63a
SM_V9_1 iris    exon    61449332        61449639        .       -
        .       Parent=Smp_213910.1;Name=eeba3ee7-
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SM_V9_1 iris    exon    61450615        61450758        .       -
        .       Parent=Smp_213910.1;Name=d23a26b0-2fa9-42b6-846f-
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SM_V9_1 iris    exon    61453251        61453559        .       -
        .       Parent=Smp_213910.1;Name=97b8d672-
c6b5-4ac8-9652-1e530692e746
SM_V9_1 iris    exon    61453656        61453796        .       -
        .       Parent=Smp_213910.1;Name=629ede48-4dcb-4761-bf2c-
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SM_V9_1 iris    exon    61454193        61454297        .       -
        .       Parent=Smp_213910.1;Name=6c862740-6d41-4c40-
a98a-0499eab2d965
SM_V9_1 iris    exon    61454392        61454562        .       -
        .
Parent=Smp_213910.1;Name=fde959a9-98f3-4644-9d01-8ed62004231d
SM_V9_1 iris    exon    61456368        61456584        .       -
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Parent=Smp_213910.1;Name=0002a061-3aae-4fe6-8026-61cbd3d10b91
SM_V9_1 iris    exon    61461072        61461250        .       -
        .       Parent=Smp_213910.1;Name=54049ca1-040d-454f-
ba84-4d9bb65e45fc
SM_V9_1 iris    exon    61462471        61462620        .       -
        .       Parent=Smp_213910.1;Name=c4f980c6-5a9d-446d-9c68-
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SM_V9_1 iris    exon    61463455        61463595        .       -
        .       Parent=Smp_213910.1;Name=259e349f-77da-4886-
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SM_V9_1 iris    exon    61463743        61463956        .       -
        .       Parent=Smp_213910.1;Name=66991191-387b-44da-a9d8-
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SM_V9_1 iris    exon    61465556        61465675        .       -
        .       Parent=Smp_213910.1;Name=c73f624d-7fb4-4532-
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SM_V9_1 iris    exon    61466888        61466932        .       -
        .       Parent=Smp_213910.1;Name=16d564be-479d-4a57-
ba70-18693aea7577
SM_V9_1 iris    exon    61468290        61468352        .       -
        .       Parent=Smp_213910.1;Name=4a9550ef-bcc5-443d-
ac96-2dd3526f4035
SM_V9_1 iris    exon    61469992        61470045        .       -
        .       Parent=Smp_213910.1;Name=ee1bdba6-da81-433f-
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SM_V9_1 iris    exon    61472226        61472417        .       -
        .       Parent=Smp_213910.1;Name=3400dd18-1920-4d40-8126-
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SM_V9_1 iris    exon    61475055        61475117        .       -
        .       Parent=Smp_213910.1;Name=1e1b3440-3401-4321-
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SM_V9_1 iris    exon    61476679        61476714        .       -
        .
Parent=Smp_213910.1;Name=a2942cfe-97f1-46ab-9673-81b2d8370664
SM_V9_1 iris    exon    61477965        61478087        .       -
        .       Parent=Smp_213910.1;Name=314089e1-0fba-4a02-8a86-
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SM_V9_1 iris    exon    61478265        61478327        .       -
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SM_V9_1 iris    exon    61478367        61478411        .       -
        .       Parent=Smp_213910.1;Name=d5c805a1-a3e0-4032-
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SM_V9_1 iris    exon    61478870        61479004        .       -
        .       Parent=Smp_213910.1;Name=3d53f46d-fe10-42d2-
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SM_V9_1 iris    exon    61480232        61480306        .       -
        .
Parent=Smp_213910.1;Name=6c1f9516-8a07-4d10-849c-77b5d1c1c1a8
SM_V9_1 iris    exon    61486092        61486161        .       -
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Parent=Smp_213910.1;Name=d2f77167-9779-4588-941c-96b94579d4a0
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SM_V9_1 iris    CDS     61440894        61441160        .       -
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SM_V9_1 iris    CDS     61442486        61442772        .       -
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SM_V9_1 iris    CDS     61444184        61444921        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61445332        61445436        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61446480        61446677        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61447744        61447851        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61448857        61449097        .       -
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SM_V9_1 iris    CDS     61449332        61449639        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61450615        61450758        .       -
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SM_V9_1 iris    CDS     61453251        61453559        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61453656        61453796        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61454193        61454297        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61454392        61454562        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61456368        61456584        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61457828        61458025        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61461072        61461250        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61462471        61462620        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61463455        61463595        .       -
        2       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61463743        61463956        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61465556        61465675        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61466888        61466932        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61468290        61468352        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61469992        61470045        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61472226        61472417        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61475055        61475117        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61476679        61476714        .       -
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        0       Parent=Smp_213910.1
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SM_V9_1 iris    CDS     61478265        61478327        .       -
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SM_V9_1 iris    CDS     61478367        61478411        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61478870        61479004        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61480232        61480306        .       -
        0       Parent=Smp_213910.1
SM_V9_1 iris    CDS     61486092        61486161        .       -
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SM_V9_1 iris    CDS     61487858        61487886        .       -
        0       Parent=Smp_213910.1
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        .       ID=Smp_170340;geneID=Smp_170340
SM_V9_1 Liftoff mRNA    61540367        61582051        .       +
        .
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alpha-1(IV)
chain;polypeptide_domain=InterPro:IPR001442,IPR008160,IPR016187
Pfam:PF01391,PF01413;Ontology_term=GO:0005201,GO:0005581
SM_V9_1 Liftoff exon    61540367        61540765        .       +
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SM_V9_1 Liftoff exon    61541219        61541278        .       +
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SM_V9_1 Liftoff exon    61543495        61543629        .       +
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SM_V9_1 Liftoff exon    61546100        61546144        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61550576        61550638        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61553305        61553385        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61554160        61554312        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61555131        61555208        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61555550        61555626        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61556000        61556075        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61556786        61556848        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61558750        61558902        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61559434        61559527        .       +
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SM_V9_1 Liftoff exon    61561405        61561530        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61562273        61562422        .       +
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SM_V9_1 Liftoff exon    61562532        61562857        .       +
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        .       Parent=Smp_170340.1
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        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61568107        61568211        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61570459        61571364        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61573309        61573628        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61574541        61574847        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61575003        61575376        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61576445        61576920        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61578254        61578569        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61579277        61579363        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff exon    61580820        61582051        .       +
        .       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61540652        61540765        .       +
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SM_V9_1 Liftoff CDS     61546100        61546144        .       +
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SM_V9_1 Liftoff CDS     61554160        61554312        .       +
        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61555131        61555208        .       +
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SM_V9_1 Liftoff CDS     61555550        61555626        .       +
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        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61558750        61558902        .       +
        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61559434        61559527        .       +
        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61561405        61561530        .       +
        2       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61562273        61562422        .       +
        2       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61562532        61562857        .       +
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        2       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61565385        61565582        .       +
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SM_V9_1 Liftoff CDS     61567093        61567261        .       +
        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61568107        61568211        .       +
        2       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61570459        61571364        .       +
        2       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61573309        61573628        .       +
        2       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61574541        61574847        .       +
        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61575003        61575376        .       +
        2       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61576445        61576920        .       +
        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61578254        61578569        .       +
        1       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61579277        61579363        .       +
        0       Parent=Smp_170340.1
SM_V9_1 Liftoff CDS     61580820        61581110        .       +
        0       Parent=Smp_170340.1
SM_V9_1 iris    gene    61583877        61609300        .       -
        .
ID=Smp_170350;geneID=Smp_170350;gene_name=Smp_170350;owner=irisadmin
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SM_V9_1 iris    mRNA    61583877        61609300        .       -
        .
ID=Smp_170350.1;Parent=Smp_170350;geneID=Smp_170350;gene_name=Smp_17
0350;owner=irisadmin@local.host;orig_id=Smp_170350.1;date_last_modif
ied=2022-08-01;Name=Smp_170350.1;product=Protein
GPR107;date_creation=2022-07-29
SM_V9_1 iris    exon    61583877        61585014        .       -
        .       Parent=Smp_170350.1;Name=c8cd670b-be78-4234-aba7-
bbdbd45def7b
SM_V9_1 iris    exon    61587750        61587976        .       -
        .       Parent=Smp_170350.1;Name=531bf3a4-3117-44dc-
b07f-79776459b9f9
SM_V9_1 iris    exon    61589294        61589518        .       -
        .       Parent=Smp_170350.1;Name=8875b68f-1cbc-47d6-9cb0-
fa6d3f84e747
SM_V9_1 iris    exon    61592148        61592265        .       -
        .       Parent=Smp_170350.1;Name=c6eb4570-965a-49f1-a2c3-
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SM_V9_1 iris    exon    61595521        61595594        .       -
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Parent=Smp_170350.1;Name=a14ef292-44b7-4e77-814f-7f3714f6021c
SM_V9_1 iris    exon    61600319        61600394        .       -
        .       Parent=Smp_170350.1;Name=1af9e686-85cd-48a3-
a304-888fcfb38f25
SM_V9_1 iris    exon    61601072        61601205        .       -
        .       Parent=Smp_170350.1;Name=90a4f738-7712-4298-ba37-
e4cd73649dac
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SM_V9_1 iris    exon    61602182        61602292        .       -
        .
Parent=Smp_170350.1;Name=180f2e98-48ef-4e34-911f-810790ab9586
SM_V9_1 iris    exon    61603907        61603959        .       -
        .       Parent=Smp_170350.1;Name=3b7800bf-1c4a-49b7-af18-
e6848c364191
SM_V9_1 iris    exon    61606395        61606632        .       -
        .       Parent=Smp_170350.1;Name=b55b8016-d646-41f5-8196-
bd1daaa732a1
SM_V9_1 iris    exon    61606833        61607022        .       -
        .       Parent=Smp_170350.1;Name=e1bfe99d-
f429-44e7-8e56-0220dd2c3956
SM_V9_1 iris    exon    61607067        61607140        .       -
        .       Parent=Smp_170350.1;Name=8eedabb3-977d-4b43-
bcd2-9de9c63591ac
SM_V9_1 iris    exon    61607182        61607232        .       -
        .
Parent=Smp_170350.1;Name=9e652e46-277d-49e5-9cc0-7469578f23d2
SM_V9_1 iris    exon    61609030        61609128        .       -
        .       Parent=Smp_170350.1;Name=27c2e8c7-b34a-484d-
bb1d-08a359bc7390
SM_V9_1 iris    exon    61609163        61609300        .       -
        .       Parent=Smp_170350.1;Name=fad1d489-0e8b-4ecd-9157-
c640d2d0c78c
SM_V9_1 iris    CDS     61584876        61585014        .       -
        1       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61587750        61587976        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61589294        61589518        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61592148        61592265        .       -
        1       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61595521        61595594        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61600319        61600394        .       -
        1       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61601072        61601205        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61602182        61602292        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61603907        61603959        .       -
        2       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61606395        61606632        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61606833        61607022        .       -
        1       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61607067        61607140        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61607182        61607232        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61609030        61609128        .       -
        0       Parent=Smp_170350.1
SM_V9_1 iris    CDS     61609163        61609246        .       -
        0       Parent=Smp_170350.1
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SM_V9_1 iris    gene    61631385        61654956        .       -
        .
ID=Smp_088550;geneID=Smp_088550;gene_name=Smp_088550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    61631385        61654956        .       -
        .
ID=Smp_088550.1;Parent=Smp_088550;geneID=Smp_088550;gene_name=Smp_08
8550;owner=irisadmin@local.host;orig_id=Smp_088550.2;date_last_modif
ied=2022-07-18;Name=Smp_088550.1;product=RNA-binding protein
26;date_creation=2022-07-18
SM_V9_1 iris    exon    61631385        61631761        .       -
        .       Parent=Smp_088550.1;Name=806bc496-6348-4127-
a16c-13d54b440013
SM_V9_1 iris    exon    61632783        61632995        .       -
        .       Parent=Smp_088550.1;Name=969af7a5-
c2c6-4446-9823-69143ee1c636
SM_V9_1 iris    exon    61633845        61634030        .       -
        .       Parent=Smp_088550.1;Name=4c01213b-ead6-4a66-
be39-5edd155f9bb4
SM_V9_1 iris    exon    61634840        61634944        .       -
        .
Parent=Smp_088550.1;Name=23914fa1-7d26-4cbf-893a-9329a15bec30
SM_V9_1 iris    exon    61635185        61635556        .       -
        .
Parent=Smp_088550.1;Name=2035d7e0-816d-48cc-80c1-07eb94a68703
SM_V9_1 iris    exon    61635898        61636056        .       -
        .       Parent=Smp_088550.1;Name=4c14c644-b29a-4e0d-abda-
e3e3049e9340
SM_V9_1 iris    exon    61640957        61641334        .       -
        .       Parent=Smp_088550.1;Name=7bbd802b-d86c-47d7-8ce2-
e4d34e9a4810
SM_V9_1 iris    exon    61643482        61644251        .       -
        .       Parent=Smp_088550.1;Name=8b58d646-8009-4f9c-
a68e-176a7db7ec99
SM_V9_1 iris    exon    61647093        61647623        .       -
        .       Parent=Smp_088550.1;Name=1647f62a-9df5-4d5d-
b3c8-104c326545c6
SM_V9_1 iris    exon    61647738        61648321        .       -
        .       Parent=Smp_088550.1;Name=d384d6ff-
dfdc-4fa0-8009-676a698094cf
SM_V9_1 iris    exon    61654859        61654956        .       -
        .       Parent=Smp_088550.1;Name=f80da20f-e156-4a06-ac22-
fd515de0759a
SM_V9_1 iris    CDS     61631639        61631761        .       -
        0       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61632783        61632995        .       -
        0       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61633845        61634030        .       -
        0       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61634840        61634944        .       -
        0       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61635185        61635556        .       -
        0       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61635898        61636056        .       -
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        0       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61640957        61641334        .       -
        0       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61643482        61644251        .       -
        2       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61647093        61647623        .       -
        2       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61647738        61648321        .       -
        1       Parent=Smp_088550.1
SM_V9_1 iris    CDS     61654859        61654914        .       -
        0       Parent=Smp_088550.1
SM_V9_1 iris    gene    61666889        61700164        .       +
        .
ID=Smp_196290;geneID=Smp_196290;gene_name=Smp_196290;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    61666889        61700164        .       +
        .
ID=Smp_196290.1;Parent=Smp_196290;geneID=Smp_196290;gene_name=Smp_19
6290;owner=irisadmin@local.host;orig_id=Smp_196290.1;date_last_modif
ied=2022-08-01;Name=Smp_196290.1;product=Ubiquitin carboxyl-terminal
hydrolase 48;date_creation=2022-07-29
SM_V9_1 iris    exon    61666889        61667166        .       +
        .       Parent=Smp_196290.1;Name=043e014f-353b-4003-af79-
bcb645cdb617
SM_V9_1 iris    exon    61667208        61667327        .       +
        .       Parent=Smp_196290.1;Name=79939a8d-e945-4c34-8616-
c75694c98943
SM_V9_1 iris    exon    61668360        61668474        .       +
        .       Parent=Smp_196290.1;Name=16d0d6a2-e92d-4fa3-bc69-
acacbd1f05b5
SM_V9_1 iris    exon    61670523        61670637        .       +
        .       Parent=Smp_196290.1;Name=d08a90b1-
ddd0-4852-9a95-475b8cfcbfba
SM_V9_1 iris    exon    61671606        61671672        .       +
        .       Parent=Smp_196290.1;Name=5f6ec3d1-0b24-4d92-8dce-
f138e6f0860a
SM_V9_1 iris    exon    61672362        61672419        .       +
        .       Parent=Smp_196290.1;Name=7dccb1fc-0ec9-468e-ad23-
fcbf80bf9f2e
SM_V9_1 iris    exon    61672571        61672683        .       +
        .       Parent=Smp_196290.1;Name=343fc3e7-2e54-44a3-9d9d-
e30ffdce8113
SM_V9_1 iris    exon    61676896        61677001        .       +
        .
Parent=Smp_196290.1;Name=4890b19e-357a-4006-841e-44cc133dec33
SM_V9_1 iris    exon    61678061        61678334        .       +
        .
Parent=Smp_196290.1;Name=cd08719e-7aae-4cd6-9fe0-9ff86f8c2e6d
SM_V9_1 iris    exon    61680447        61680646        .       +
        .       Parent=Smp_196290.1;Name=0e02701e-0509-4a52-9d73-
e8209208e604
SM_V9_1 iris    exon    61681470        61681797        .       +
        .       Parent=Smp_196290.1;Name=f6ec23a6-32ac-43b4-
abd9-420a38229e50
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SM_V9_1 iris    exon    61685737        61685825        .       +
        .       Parent=Smp_196290.1;Name=cd6d2bd5-
bc37-4163-82f1-7bc0a4eeef22
SM_V9_1 iris    exon    61686704        61687107        .       +
        .       Parent=Smp_196290.1;Name=479f92f6-6f3a-4390-
b2dd-50186b9a159d
SM_V9_1 iris    exon    61687616        61687772        .       +
        .       Parent=Smp_196290.1;Name=c8b89ef2-
e938-4b15-967f-7f63383488c0
SM_V9_1 iris    exon    61689746        61690293        .       +
        .
Parent=Smp_196290.1;Name=1aff5bbf-2a03-4b81-9e4a-29e0da216e4b
SM_V9_1 iris    exon    61691190        61691400        .       +
        .       Parent=Smp_196290.1;Name=ae68f55a-2134-4fb2-8726-
b3a4c41c210c
SM_V9_1 iris    exon    61693591        61694046        .       +
        .
Parent=Smp_196290.1;Name=415b8d15-4b19-416d-934f-9762b65885a7
SM_V9_1 iris    exon    61695204        61695572        .       +
        .
Parent=Smp_196290.1;Name=30bdf0b8-27f2-47a0-932b-9dd673cc5799
SM_V9_1 iris    exon    61696894        61697074        .       +
        .       Parent=Smp_196290.1;Name=853896cb-673e-4da4-
b70f-5e16afd10ef0
SM_V9_1 iris    exon    61698888        61700164        .       +
        .       Parent=Smp_196290.1;Name=76a7203b-6ac0-4e72-9a51-
e776d3fff942
SM_V9_1 iris    CDS     61667165        61667166        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61667208        61667327        .       +
        1       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61668360        61668474        .       +
        1       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61670523        61670637        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61671606        61671672        .       +
        2       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61672362        61672419        .       +
        1       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61672571        61672683        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61676896        61677001        .       +
        1       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61678061        61678334        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61680447        61680646        .       +
        2       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61681470        61681797        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61685737        61685825        .       +
        2       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61686704        61687107        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61687616        61687772        .       +
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        1       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61689746        61690293        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61691190        61691400        .       +
        1       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61693591        61694046        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61695204        61695572        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61696894        61697074        .       +
        0       Parent=Smp_196290.1
SM_V9_1 iris    CDS     61698888        61698940        .       +
        2       Parent=Smp_196290.1
SM_V9_1 Liftoff gene    61702747        61706013        .       -
        .       ID=Smp_006780;geneID=Smp_006780
SM_V9_1 Liftoff mRNA    61702747        61706013        .       -
        .
ID=Smp_006780.1;Parent=Smp_006780;geneID=Smp_006780;product=N-alpha-
acetyltransferase 50;polypeptide_domain=InterPro:IPR000182,IPR016181
Pfam:PF00583;Ontology_term=GO:0008080
SM_V9_1 Liftoff exon    61702747        61706013        .       -
        .       Parent=Smp_006780.1
SM_V9_1 Liftoff CDS     61705338        61705958        .       -
        0       Parent=Smp_006780.1
SM_V9_1 iris    gene    61728512        61780091        .       +
        .
ID=Smp_125870;geneID=Smp_125870;gene_name=Smp_125870;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-07-29
SM_V9_1 iris    mRNA    61728512        61780091        .       +
        .
ID=Smp_125870.1;Parent=Smp_125870;geneID=Smp_125870;gene_name=Smp_12
5870;owner=irisadmin@local.host;orig_id=Smp_125870.1;date_last_modif
ied=2022-09-30;Name=Smp_125870.1;product=Armadillo repeat-containing
protein 8;date_creation=2022-07-29
SM_V9_1 iris    exon    61728512        61728564        .       +
        .       Parent=Smp_125870.1;Name=9622f08a-f512-49e2-
b064-798cff7281f0
SM_V9_1 iris    exon    61731994        61732169        .       +
        .       Parent=Smp_125870.1;Name=d50f19f6-140c-421f-8925-
cfacc4391d6e
SM_V9_1 iris    exon    61737217        61737291        .       +
        .       Parent=Smp_125870.1;Name=29167ba9-6927-43d6-
acda-356363c405ca
SM_V9_1 iris    exon    61739210        61739367        .       +
        .       Parent=Smp_125870.1;Name=4532115a-134a-4400-9a5a-
cf1ae6c276e9
SM_V9_1 iris    exon    61741521        61741645        .       +
        .       Parent=Smp_125870.1;Name=5e5b037f-9285-48f6-
bc04-701aa7b3e5a2
SM_V9_1 iris    exon    61741981        61742358        .       +
        .       Parent=Smp_125870.1;Name=4e1e9996-2df3-4582-
b064-5635846baa41
SM_V9_1 iris    exon    61744102        61744177        .       +
        .       Parent=Smp_125870.1;Name=9c0d0755-
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f1e4-4798-8835-2d8b660ed0d0
SM_V9_1 iris    exon    61747548        61748065        .       +
        .
Parent=Smp_125870.1;Name=ebb2bb87-8267-4bdc-99e2-52f6042c3c90
SM_V9_1 iris    exon    61750140        61750337        .       +
        .       Parent=Smp_125870.1;Name=a6d4639b-21e9-4072-a6de-
c39159a1334f
SM_V9_1 iris    exon    61752640        61752687        .       +
        .       Parent=Smp_125870.1;Name=106b9136-34ed-4fc8-be5e-
e19409bf2d14
SM_V9_1 iris    exon    61752799        61752888        .       +
        .       Parent=Smp_125870.1;Name=46b94a2a-3ffb-4ccc-8df4-
e90232beac52
SM_V9_1 iris    exon    61755603        61755698        .       +
        .       Parent=Smp_125870.1;Name=d30e7a4e-
a4e9-4a71-944e-6b8ee093bd6c
SM_V9_1 iris    exon    61757615        61757710        .       +
        .
Parent=Smp_125870.1;Name=3746dd5e-6dc7-45cd-820a-7e54037d58f8
SM_V9_1 iris    exon    61760675        61760791        .       +
        .       Parent=Smp_125870.1;Name=b3cb7255-e1bf-4d35-a22e-
f882ffa83d01
SM_V9_1 iris    exon    61763516        61764003        .       +
        .       Parent=Smp_125870.1;Name=0e37061f-4ba8-4922-
ad53-39ef5a04a40b
SM_V9_1 iris    exon    61766769        61767063        .       +
        .       Parent=Smp_125870.1;Name=2bcfdf19-1c28-4f05-b0df-
b6d13e233406
SM_V9_1 iris    exon    61767798        61767893        .       +
        .       Parent=Smp_125870.1;Name=0daa0bf3-6dbe-4847-aa78-
e674106545e6
SM_V9_1 iris    exon    61771158        61771253        .       +
        .       Parent=Smp_125870.1;Name=db5be09d-1615-4208-
b45b-6aa0b4b6e857
SM_V9_1 iris    exon    61774121        61774199        .       +
        .       Parent=Smp_125870.1;Name=e82b28de-2bdc-4daa-b4a5-
ae87e1ad4b42
SM_V9_1 iris    exon    61776878        61780091        .       +
        .       Parent=Smp_125870.1;Name=3c7ff38f-7f99-410c-b565-
e82a62670e9a
SM_V9_1 iris    CDS     61728562        61728564        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61731994        61732169        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61737217        61737291        .       +
        1       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61739210        61739367        .       +
        1       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61741521        61741645        .       +
        2       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61741981        61742358        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61744102        61744177        .       +
        0       Parent=Smp_125870.1
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SM_V9_1 iris    CDS     61747548        61748065        .       +
        2       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61750140        61750337        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61752640        61752687        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61752799        61752888        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61755603        61755698        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61757615        61757710        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61760675        61760791        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61763516        61764003        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61766769        61767063        .       +
        1       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61767798        61767893        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61771158        61771253        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61774121        61774199        .       +
        0       Parent=Smp_125870.1
SM_V9_1 iris    CDS     61776878        61778547        .       +
        2       Parent=Smp_125870.1
SM_V9_1 Liftoff gene    61821745        61830559        .       -
        .       ID=Smp_006810;geneID=Smp_006810
SM_V9_1 Liftoff mRNA    61821745        61830559        .       -
        .
ID=Smp_006810.1;Parent=Smp_006810;geneID=Smp_006810;product=LIM
domain transcription factor LMO4-
B;polypeptide_domain=InterPro:IPR001781 Pfam:PF00412
SM_V9_1 Liftoff exon    61821745        61822188        .       -
        .       Parent=Smp_006810.1
SM_V9_1 Liftoff exon    61825467        61826127        .       -
        .       Parent=Smp_006810.1
SM_V9_1 Liftoff exon    61830196        61830559        .       -
        .       Parent=Smp_006810.1
SM_V9_1 Liftoff CDS     61822147        61822188        .       -
        0       Parent=Smp_006810.1
SM_V9_1 Liftoff CDS     61825467        61826127        .       -
        1       Parent=Smp_006810.1
SM_V9_1 Liftoff CDS     61830196        61830377        .       -
        0       Parent=Smp_006810.1
SM_V9_1 iris    gene    61863887        61879522        .       +
        .
ID=Smp_125890;geneID=Smp_125890;gene_name=Smp_125890;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    61863887        61879522        .       +
        .
ID=Smp_125890.1;Parent=Smp_125890;geneID=Smp_125890;gene_name=Smp_12
5890;owner=irisadmin@local.host;orig_id=Smp_125890.1;date_last_modif
ied=2022-07-18;Name=Smp_125890.1;product=Deoxyribodipyrimidine
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photo-lyase;date_creation=2022-07-18
SM_V9_1 iris    exon    61863887        61864345        .       +
        .       Parent=Smp_125890.1;Name=2711e8a2-1d6a-42c8-
a88d-3f1fc361ad9f
SM_V9_1 iris    exon    61865291        61865436        .       +
        .       Parent=Smp_125890.1;Name=957a9cc6-5e7d-4c7c-b5e4-
dec316693e59
SM_V9_1 iris    exon    61872781        61873080        .       +
        .
Parent=Smp_125890.1;Name=a1e03d77-3d87-46d8-9e79-49a0af8cf31a
SM_V9_1 iris    exon    61874504        61874668        .       +
        .
Parent=Smp_125890.1;Name=22c632e7-885b-457a-8d01-8c5d549912b2
SM_V9_1 iris    exon    61876501        61876699        .       +
        .       Parent=Smp_125890.1;Name=f539197e-d543-4558-9755-
cba62c2212e4
SM_V9_1 iris    exon    61877761        61877913        .       +
        .
Parent=Smp_125890.1;Name=a23760a5-0c62-4d0f-9ca1-9de8347b21ba
SM_V9_1 iris    exon    61878688        61878972        .       +
        .
Parent=Smp_125890.1;Name=34d2682d-9846-485b-8fd4-1e66da0fc853
SM_V9_1 iris    exon    61879218        61879522        .       +
        .
Parent=Smp_125890.1;Name=ae0a23e1-7bf9-40b6-81ec-7fc015cbadeb
SM_V9_1 iris    CDS     61864141        61864345        .       +
        0       Parent=Smp_125890.1
SM_V9_1 iris    CDS     61865291        61865436        .       +
        2       Parent=Smp_125890.1
SM_V9_1 iris    CDS     61872781        61873080        .       +
        0       Parent=Smp_125890.1
SM_V9_1 iris    CDS     61874504        61874668        .       +
        0       Parent=Smp_125890.1
SM_V9_1 iris    CDS     61876501        61876699        .       +
        0       Parent=Smp_125890.1
SM_V9_1 iris    CDS     61877761        61877913        .       +
        2       Parent=Smp_125890.1
SM_V9_1 iris    CDS     61878688        61878972        .       +
        2       Parent=Smp_125890.1
SM_V9_1 iris    CDS     61879218        61879366        .       +
        2       Parent=Smp_125890.1
SM_V9_1 Liftoff gene    61888851        61889983        .       -
        .       ID=Smp_006830;geneID=Smp_006830
SM_V9_1 Liftoff mRNA    61888851        61889983        .       -
        .
ID=Smp_006830.1;Parent=Smp_006830;geneID=Smp_006830;product=Upstream
activation factor subunit
spp27;polypeptide_domain=InterPro:IPR003121,IPR014876,IPR019835
Pfam:PF02201,PF08766;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    61888851        61889205        .       -
        .       Parent=Smp_006830.1
SM_V9_1 Liftoff exon    61889242        61889405        .       -
        .       Parent=Smp_006830.1
SM_V9_1 Liftoff exon    61889442        61889592        .       -
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        .       Parent=Smp_006830.1
SM_V9_1 Liftoff exon    61889635        61889822        .       -
        .       Parent=Smp_006830.1
SM_V9_1 Liftoff exon    61889862        61889983        .       -
        .       Parent=Smp_006830.1
SM_V9_1 Liftoff CDS     61889089        61889205        .       -
        0       Parent=Smp_006830.1
SM_V9_1 Liftoff CDS     61889242        61889405        .       -
        2       Parent=Smp_006830.1
SM_V9_1 Liftoff CDS     61889442        61889592        .       -
        0       Parent=Smp_006830.1
SM_V9_1 Liftoff CDS     61889635        61889822        .       -
        2       Parent=Smp_006830.1
SM_V9_1 Liftoff CDS     61889862        61889904        .       -
        0       Parent=Smp_006830.1
SM_V9_1 iris    gene    61904609        61913384        .       +
        .
ID=Smp_006840;geneID=Smp_006840;gene_name=Smp_006840;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_1 iris    mRNA    61904609        61913384        .       +
        .
ID=Smp_006840.1;Parent=Smp_006840;geneID=Smp_006840;gene_name=Smp_00
6840;owner=irisadmin@local.host;orig_id=Smp_006840.1;date_last_modif
ied=2022-09-30;Name=Smp_006840.1;product=UPF0060 membrane protein
ESA_01751;date_creation=2022-09-30
SM_V9_1 iris    exon    61904609        61904637        .       +
        .       Parent=Smp_006840.1;Name=8c90ac29-
a13c-476f-9fc7-939eab86ad59
SM_V9_1 iris    exon    61911208        61911509        .       +
        .
Parent=Smp_006840.1;Name=10ec0f19-9be0-4186-8e08-4c2f56e9dbc5
SM_V9_1 iris    exon    61911547        61913384        .       +
        .       Parent=Smp_006840.1;Name=9c7c05eb-a5ca-476b-
b584-2f6361a00cb8
SM_V9_1 iris    CDS     61911231        61911509        .       +
        0       Parent=Smp_006840.1
SM_V9_1 iris    CDS     61911547        61911651        .       +
        0       Parent=Smp_006840.1
SM_V9_1 iris    gene    61916228        61916920        .       -
        .
ID=Smp_006850;geneID=Smp_006850;gene_name=Smp_006850;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_1 iris    mRNA    61916228        61916920        .       -
        .
ID=Smp_006850.1;Parent=Smp_006850;geneID=Smp_006850;gene_name=Smp_00
6850;owner=irisadmin@local.host;orig_id=Smp_006850.1;date_last_modif
ied=2022-09-30;Name=Smp_006850.1;product=DNA-directed RNA
polymerases I, II, and III subunit RPABC3;date_creation=2022-09-30
SM_V9_1 iris    exon    61916228        61916920        .       -
        .       Parent=Smp_006850.1;Name=685f73a7-c586-4271-
b3e9-69c2c2ad89c4
SM_V9_1 iris    CDS     61916369        61916839        .       -
        0       Parent=Smp_006850.1
SM_V9_1 Liftoff gene    61920949        61923943        .       +
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        .
ID=Smp_337190;geneID=Smp_337190;previous_systematic_id=Smp_201100
SM_V9_1 Liftoff mRNA    61920949        61923943        .       +
        .
ID=Smp_337190.1;Parent=Smp_337190;geneID=Smp_337190;product=Cx9C
motif-containing protein 4,
mitochondrial;polypeptide_domain=InterPro:IPR009069,IPR027179
Pfam:PF08991
SM_V9_1 Liftoff exon    61920949        61923503        .       +
        .       Parent=Smp_337190.1
SM_V9_1 Liftoff exon    61923563        61923943        .       +
        .       Parent=Smp_337190.1
SM_V9_1 Liftoff CDS     61923452        61923503        .       +
        0       Parent=Smp_337190.1
SM_V9_1 Liftoff CDS     61923563        61923708        .       +
        2       Parent=Smp_337190.1
SM_V9_1 iris    gene    61946913        61964893        .       +
        .
ID=Smp_006860;geneID=Smp_006860;gene_name=Smp_006860;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    61946913        61964893        .       +
        .
ID=Smp_006860.1;Parent=Smp_006860;geneID=Smp_006860;gene_name=Smp_00
6860;owner=irisadmin@local.host;orig_id=Smp_006860.2;date_last_modif
ied=2022-07-18;Name=Smp_006860.1;product=PDZ and LIM domain protein
Zasp;date_creation=2022-07-18
SM_V9_1 iris    exon    61946913        61947258        .       +
        .       Parent=Smp_006860.1;Name=ecaa79e6-
d12b-4a70-8011-58c24d0fc978
SM_V9_1 iris    exon    61956947        61957098        .       +
        .       Parent=Smp_006860.1;Name=c33af264-cb7d-46e8-
bf00-5d04fbefd7b9
SM_V9_1 iris    exon    61958981        61959189        .       +
        .       Parent=Smp_006860.1;Name=8174f5ed-8a8a-4d83-
b4cd-74ff8106fce7
SM_V9_1 iris    exon    61962815        61962835        .       +
        .       Parent=Smp_006860.1;Name=7f737006-78bb-4258-a6a8-
dd8d045cec6a
SM_V9_1 iris    exon    61964149        61964893        .       +
        .       Parent=Smp_006860.1;Name=bd0fd0f5-
a78a-428d-95b0-17b006b96753
SM_V9_1 iris    CDS     61947148        61947258        .       +
        0       Parent=Smp_006860.1
SM_V9_1 iris    CDS     61956947        61957098        .       +
        0       Parent=Smp_006860.1
SM_V9_1 iris    CDS     61958981        61959189        .       +
        1       Parent=Smp_006860.1
SM_V9_1 iris    CDS     61962815        61962835        .       +
        2       Parent=Smp_006860.1
SM_V9_1 iris    CDS     61964149        61964249        .       +
        2       Parent=Smp_006860.1
SM_V9_1 Liftoff gene    61981829        61994013        .       +
        .       ID=Smp_125900;geneID=Smp_125900
SM_V9_1 Liftoff mRNA    61981829        61994013        .       +
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        .
ID=Smp_125900.1;Parent=Smp_125900;geneID=Smp_125900;product=Protein
SCAI;polypeptide_domain=InterPro:IPR022709
Pfam:PF12070;Ontology_term=GO:0003714,GO:0006351
SM_V9_1 Liftoff exon    61981829        61981973        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61985199        61985381        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61985422        61985617        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61985653        61986223        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61988994        61989102        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61990319        61990400        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61991279        61991525        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61992582        61992812        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff exon    61993497        61994013        .       +
        .       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61981876        61981973        .       +
        0       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61985199        61985381        .       +
        1       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61985422        61985617        .       +
        1       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61985653        61986223        .       +
        0       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61988994        61989102        .       +
        2       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61990319        61990400        .       +
        1       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61991279        61991525        .       +
        0       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61992582        61992812        .       +
        2       Parent=Smp_125900.1
SM_V9_1 Liftoff CDS     61993497        61993516        .       +
        2       Parent=Smp_125900.1
SM_V9_1 iris    gene    61994080        62117525        .       -
        .
ID=Smp_196300;geneID=Smp_196300;gene_name=Smp_196300;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    61994080        62117525        .       -
        .
ID=Smp_196300.1;Parent=Smp_196300;geneID=Smp_196300;gene_name=Smp_19
6300;owner=irisadmin@local.host;orig_id=Smp_196300.1;date_last_modif
ied=2022-07-18;Name=Smp_196300.1;product=FERM, RhoGEF and pleckstrin
domain-containing protein 2;date_creation=2022-07-18
SM_V9_1 iris    exon    61994080        61994190        .       -
        .       Parent=Smp_196300.1;Name=c2464b24-d118-4e1e-a2e5-
f3e94a90d821
SM_V9_1 iris    exon    61995463        61995722        .       -
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        .       Parent=Smp_196300.1;Name=faec0b2e-38c7-4933-96d5-
b990e86feb5c
SM_V9_1 iris    exon    61998325        61998437        .       -
        .       Parent=Smp_196300.1;Name=c5c57947-c9de-42fd-97c7-
c0c794e41b88
SM_V9_1 iris    exon    62004553        62004811        .       -
        .       Parent=Smp_196300.1;Name=7bdc0b24-f657-494b-
b64a-51175483bbe3
SM_V9_1 iris    exon    62006808        62007211        .       -
        .
Parent=Smp_196300.1;Name=261bd29b-3e74-42e5-9436-2e26d0f0d893
SM_V9_1 iris    exon    62008245        62008482        .       -
        .       Parent=Smp_196300.1;Name=3461b902-b421-4533-bff0-
cc59199c0e45
SM_V9_1 iris    exon    62012938        62013228        .       -
        .
Parent=Smp_196300.1;Name=5dcb7e84-3788-47e5-9172-14e528994b38
SM_V9_1 iris    exon    62020414        62020506        .       -
        .       Parent=Smp_196300.1;Name=19418cae-f866-4be6-
bd34-98063f5025fc
SM_V9_1 iris    exon    62025510        62026256        .       -
        .       Parent=Smp_196300.1;Name=46c9620e-3599-4d96-99e5-
c98963dce2f0
SM_V9_1 iris    exon    62032168        62032491        .       -
        .       Parent=Smp_196300.1;Name=3ec0bdf3-b7d5-43f9-960f-
ea46a3b893dc
SM_V9_1 iris    exon    62042084        62042478        .       -
        .
Parent=Smp_196300.1;Name=1e42e1bb-7613-410e-87da-2d2b8a1aa60e
SM_V9_1 iris    exon    62044942        62045648        .       -
        .       Parent=Smp_196300.1;Name=09a4cdb2-
e429-4ddd-92a2-6f8f67bccddd
SM_V9_1 iris    exon    62057105        62057179        .       -
        .       Parent=Smp_196300.1;Name=1ecd15e6-
cca6-445b-919f-8bb777df64ec
SM_V9_1 iris    exon    62058603        62058748        .       -
        .       Parent=Smp_196300.1;Name=6a575b34-54c0-4326-a786-
f47cd8125f9f
SM_V9_1 iris    exon    62062497        62062652        .       -
        .
Parent=Smp_196300.1;Name=03884ccc-75d9-4e34-8a98-5043a1dfe07c
SM_V9_1 iris    exon    62070224        62070311        .       -
        .
Parent=Smp_196300.1;Name=664ac031-0929-4391-9410-4ae461e27bc7
SM_V9_1 iris    exon    62082284        62082407        .       -
        .       Parent=Smp_196300.1;Name=4df2ae97-6c75-4849-
a2dc-892979839bc6
SM_V9_1 iris    exon    62102307        62102404        .       -
        .       Parent=Smp_196300.1;Name=5f6ac675-
fdc7-4964-978c-4d8779ddc0c1
SM_V9_1 iris    exon    62108627        62108748        .       -
        .       Parent=Smp_196300.1;Name=f07ae306-2f11-4f37-
bde9-4ab7b4c1b8a0
SM_V9_1 iris    exon    62110293        62110397        .       -
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        .       Parent=Smp_196300.1;Name=adfb37ef-3202-4345-a67a-
cedc485c54bb
SM_V9_1 iris    exon    62117037        62117525        .       -
        .       Parent=Smp_196300.1;Name=b8281a45-a9aa-40d8-8d60-
c18513a58c36
SM_V9_1 iris    CDS     61994121        61994190        .       -
        1       Parent=Smp_196300.1
SM_V9_1 iris    CDS     61995463        61995722        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     61998325        61998437        .       -
        2       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62004553        62004811        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62006808        62007211        .       -
        2       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62008245        62008482        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62012938        62013228        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62020414        62020506        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62025510        62026256        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62032168        62032491        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62042084        62042478        .       -
        2       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62044942        62045648        .       -
        1       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62057105        62057179        .       -
        1       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62058603        62058748        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62062497        62062652        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62070224        62070311        .       -
        1       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62082284        62082407        .       -
        2       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62102307        62102404        .       -
        1       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62108627        62108748        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62110293        62110397        .       -
        0       Parent=Smp_196300.1
SM_V9_1 iris    CDS     62117037        62117105        .       -
        0       Parent=Smp_196300.1
SM_V9_1 Liftoff gene    62140966        62141455        .       -
        .       ID=Smp_086860;geneID=Smp_086860
SM_V9_1 Liftoff mRNA    62140966        62141455        .       -
        .
ID=Smp_086860.1;Parent=Smp_086860;geneID=Smp_086860;product=Histone
H2A;polypeptide_domain=InterPro:IPR002119,IPR007125,IPR009072,IPR032
454,IPR032458
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Pfam:PF00125,PF16211;Ontology_term=GO:0000786,GO:0003677,GO:0005634,
GO:0046982
SM_V9_1 Liftoff exon    62140966        62141455        .       -
        .       Parent=Smp_086860.1
SM_V9_1 Liftoff CDS     62141010        62141414        .       -
        0       Parent=Smp_086860.1
SM_V9_1 Liftoff gene    62159909        62212137        .       +
        .       ID=Smp_169380;geneID=Smp_169380
SM_V9_1 Liftoff mRNA    62159909        62212137        .       +
        .
ID=Smp_169380.1;Parent=Smp_169380;geneID=Smp_169380;product=Receptor
-type tyrosine-protein phosphatase
delta;polypeptide_domain=InterPro:IPR000242,IPR000387,IPR003595,IPR0
03961,IPR013783,IPR016130,IPR029021
Pfam:PF00041,PF00102;Ontology_term=GO:0004725,GO:0005515,GO:0006470,
GO:0016311,GO:0016791
SM_V9_1 Liftoff exon    62159909        62160020        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62160057        62160209        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62160249        62160389        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62160422        62160539        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62160576        62160799        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62164015        62164311        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62164802        62165098        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62171045        62171271        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62172287        62172433        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62184762        62184924        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62190019        62190240        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62192234        62192661        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62194057        62194277        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62195658        62195985        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62198066        62198480        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62199674        62199897        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62204000        62204365        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62207145        62207561        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff exon    62208868        62209089        .       +
        .       Parent=Smp_169380.1
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SM_V9_1 Liftoff exon    62210282        62212137        .       +
        .       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62159960        62160020        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62160057        62160209        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62160249        62160389        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62160422        62160539        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62160576        62160799        .       +
        1       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62164015        62164311        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62164802        62165098        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62171045        62171271        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62172287        62172433        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62184762        62184924        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62190019        62190240        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62192234        62192661        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62194057        62194277        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62195658        62195985        .       +
        1       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62198066        62198480        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62199674        62199897        .       +
        2       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62204000        62204365        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62207145        62207561        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62208868        62209089        .       +
        0       Parent=Smp_169380.1
SM_V9_1 Liftoff CDS     62210282        62210503        .       +
        0       Parent=Smp_169380.1
SM_V9_1 iris    gene    62295964        62298581        .       -
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    62295964        62298581        .       -
        .
ID=Smp_086830.1;Parent=Smp_086830;geneID=Smp_086830;gene_name=Smp_08
6830;owner=irisadmin@local.host;orig_id=Smp_086830.1;date_last_modif
ied=2022-07-18;Name=Smp_086830.1;product=Mechanosensory protein
2;date_creation=2022-07-18
SM_V9_1 iris    exon    62295964        62298581        .       -
        .       Parent=Smp_086830.1;Name=dc509aa0-4bf3-45fc-
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aec7-9b3627936ffa
SM_V9_1 iris    CDS     62297215        62298429        .       -
        0       Parent=Smp_086830.1
SM_V9_1 Liftoff gene    62334962        62458319        .       -
        .       ID=Smp_169360;geneID=Smp_169360
SM_V9_1 Liftoff mRNA    62334962        62458319        .       -
        .
ID=Smp_169360.1;Parent=Smp_169360;geneID=Smp_169360;product=Kinesin-
like protein KIF26A;polypeptide_domain=InterPro:IPR001752,IPR027417
Pfam:PF00225;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:00080
17
SM_V9_1 Liftoff exon    62334962        62335780        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62337780        62337906        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62345225        62345448        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62348872        62350204        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62351134        62352364        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62353431        62353558        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62354415        62354836        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62359828        62360134        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62360638        62361015        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62362388        62362837        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62364535        62364857        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62369328        62369642        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62373004        62373201        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62381028        62381121        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62382921        62383136        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62390440        62390689        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff exon    62409535        62458319        .       -
        .       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62335557        62335780        .       -
        2       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62337780        62337906        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62345225        62345448        .       -
        2       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62348872        62350204        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62351134        62352364        .       -
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        1       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62353431        62353558        .       -
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SM_V9_1 Liftoff CDS     62354415        62354836        .       -
        2       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62359828        62360134        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62360638        62361015        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62362388        62362837        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62364535        62364857        .       -
        2       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62369328        62369642        .       -
        2       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62373004        62373201        .       -
        2       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62381028        62381121        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62382921        62383136        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62390440        62390689        .       -
        1       Parent=Smp_169360.1
SM_V9_1 Liftoff CDS     62409535        62409767        .       -
        0       Parent=Smp_169360.1
SM_V9_1 Liftoff gene    62443005        62484195        .       -
        .       ID=Smp_169350;geneID=Smp_169350
SM_V9_1 Liftoff mRNA    62443005        62484195        .       -
        .
ID=Smp_169350.1;Parent=Smp_169350;geneID=Smp_169350;product=Kinesin-
like protein KIF26B
SM_V9_1 Liftoff exon    62443005        62443785        .       -
        .       Parent=Smp_169350.1
SM_V9_1 Liftoff exon    62476804        62477099        .       -
        .       Parent=Smp_169350.1
SM_V9_1 Liftoff exon    62483728        62484195        .       -
        .       Parent=Smp_169350.1
SM_V9_1 Liftoff CDS     62443053        62443785        .       -
        1       Parent=Smp_169350.1
SM_V9_1 Liftoff CDS     62476804        62477099        .       -
        0       Parent=Smp_169350.1
SM_V9_1 Liftoff CDS     62483728        62484084        .       -
        0       Parent=Smp_169350.1
SM_V9_1 iris    gene    62576521        62578599        .       -
        .
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@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_1 iris    mRNA    62576521        62578599        .       -
        .
ID=Smp_302170.1;Parent=Smp_302170;geneID=Smp_302170;gene_name=Smp_30
2170;owner=irisadmin@local.host;orig_id=Smp_302170.1;date_last_modif
ied=2022-09-30;Name=Smp_302170.1;product=heat shock 70 kDa protein
homolog;date_creation=2022-09-30
SM_V9_1 iris    exon    62576521        62578599        .       -
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SM_V9_1 Liftoff gene    62583427        62585529        .       -
        .
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SM_V9_1 Liftoff mRNA    62583427        62585529        .       -
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ID=Smp_302180.1;Parent=Smp_302180;geneID=Smp_302180;product=heat
shock 70 kDa protein homolog;evidence=Traceable Author
Statement;literature=PMID:11849713 PMID:1484560
PMID:3106556;polypeptide_domain=InterPro:IPR013126,IPR018181,IPR0290
47,IPR029048 Pfam:PF00012
SM_V9_1 Liftoff exon    62583427        62585529        .       -
        .       Parent=Smp_302180.1
SM_V9_1 Liftoff CDS     62583506        62585419        .       -
        0       Parent=Smp_302180.1
SM_V9_1 Liftoff gene    62593751        62595860        .       -
        .
ID=Smp_303420;geneID=Smp_303420;previous_systematic_id=Smp_106930
SM_V9_1 Liftoff mRNA    62593751        62595860        .       -
        .
ID=Smp_303420.1;Parent=Smp_303420;geneID=Smp_303420;product=heat
shock 70 kDa protein homolog;evidence=Traceable Author
Statement;literature=PMID:11849713 PMID:1484560
PMID:3106556;polypeptide_domain=InterPro:IPR013126,IPR018181,IPR0290
47,IPR029048 Pfam:PF00012
SM_V9_1 Liftoff exon    62593751        62595860        .       -
        .       Parent=Smp_303420.1
SM_V9_1 Liftoff CDS     62593830        62595743        .       -
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SM_V9_1 Liftoff gene    62600692        62602734        .       -
        .
ID=Smp_303550;geneID=Smp_303550;previous_systematic_id=Smp_106930
SM_V9_1 Liftoff mRNA    62600692        62602734        .       -
        .
ID=Smp_303550.1;Parent=Smp_303550;geneID=Smp_303550;product=heat
shock 70 kDa protein homolog;evidence=Traceable Author
Statement;literature=PMID:11849713 PMID:1484560
PMID:3106556;polypeptide_domain=InterPro:IPR013126,IPR018181,IPR0290
47,IPR029048 Pfam:PF00012
SM_V9_1 Liftoff exon    62600692        62602734        .       -
        .       Parent=Smp_303550.1
SM_V9_1 Liftoff CDS     62600749        62602662        .       -
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SM_V9_1 Liftoff gene    62607632        62607970        .       -
        .       ID=Smp_320760;geneID=Smp_320760
SM_V9_1 Liftoff mRNA    62607632        62607970        .       -
        .
ID=Smp_320760.1;Parent=Smp_320760;geneID=Smp_320760;product=Heat
shock 70 kDa protein homolog;polypeptide_domain=InterPro:IPR029048
SM_V9_1 Liftoff exon    62607632        62607970        .       -
        .       Parent=Smp_320760.1
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SM_V9_1 Liftoff CDS     62607666        62607941        .       -
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        .
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@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_1 iris    mRNA    62613118        62615141        .       -
        .
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ied=2022-09-30;Name=Smp_303410.1;product=heat shock 70 kDa protein
homolog;date_creation=2022-09-30
SM_V9_1 iris    exon    62613118        62615141        .       -
        .       Parent=Smp_303410.1;Name=1e29dc64-6540-4dd2-90b4-
c45196921e02
SM_V9_1 iris    CDS     62613175        62615088        .       -
        0       Parent=Smp_303410.1
SM_V9_1 Liftoff gene    62625327        62627660        .       -
        .
ID=Smp_303390;geneID=Smp_303390;previous_systematic_id=Smp_106930
SM_V9_1 Liftoff mRNA    62625327        62627660        .       -
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Statement;literature=PMID:11849713 PMID:1484560
PMID:3106556;polypeptide_domain=InterPro:IPR013126,IPR018181,IPR0290
47,IPR029048 Pfam:PF00012
SM_V9_1 Liftoff exon    62625327        62627660        .       -
        .       Parent=Smp_303390.1
SM_V9_1 Liftoff CDS     62625434        62627317        .       -
        0       Parent=Smp_303390.1
SM_V9_1 Liftoff gene    62633719        62635763        .       -
        .
ID=Smp_303400;geneID=Smp_303400;previous_systematic_id=Smp_106930
SM_V9_1 Liftoff mRNA    62633719        62635763        .       -
        .
ID=Smp_303400.1;Parent=Smp_303400;geneID=Smp_303400;product=heat
shock 70 kDa protein homolog;evidence=Traceable Author
Statement;literature=PMID:11849713 PMID:1484560
PMID:3106556;polypeptide_domain=InterPro:IPR013126,IPR018181,IPR0290
47,IPR029048 Pfam:PF00012
SM_V9_1 Liftoff exon    62633719        62635763        .       -
        .       Parent=Smp_303400.1
SM_V9_1 Liftoff CDS     62633798        62635711        .       -
        0       Parent=Smp_303400.1
SM_V9_1 iris    gene    62648418        62659729        .       -
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    62648418        62659729        .       -
        .
ID=Smp_090860.1;Parent=Smp_090860;geneID=Smp_090860;gene_name=Smp_09
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phosphatase 5;date_creation=2022-07-18
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fbd374b6930b
SM_V9_1 iris    exon    62651426        62651662        .       -
        .       Parent=Smp_090860.1;Name=22ad7972-a2b7-4130-ae60-
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SM_V9_1 iris    exon    62653224        62653366        .       -
        .       Parent=Smp_090860.1;Name=5be0c9db-0717-445c-9c88-
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        .       Parent=Smp_090860.1;Name=e8564c8f-
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SM_V9_1 iris    exon    62653595        62653759        .       -
        .       Parent=Smp_090860.1;Name=64c7261c-256d-4a93-a593-
dc9dd3152444
SM_V9_1 iris    exon    62657354        62657635        .       -
        .
Parent=Smp_090860.1;Name=c0ccf18a-6017-4f64-9ada-19ed729648d7
SM_V9_1 iris    exon    62659283        62659354        .       -
        .       Parent=Smp_090860.1;Name=e9a36e8a-b981-45a2-9e05-
c831dbc165d5
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        .       Parent=Smp_090860.1;Name=ee766149-081a-47aa-aabf-
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SM_V9_1 iris    exon    62659618        62659729        .       -
        .       Parent=Smp_090860.1;Name=9f047ec4-31d3-4df7-8a59-
cede1a97da23
SM_V9_1 iris    CDS     62648886        62649110        .       -
        0       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62651426        62651662        .       -
        0       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62653224        62653366        .       -
        2       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62653454        62653559        .       -
        0       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62653595        62653759        .       -
        0       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62657354        62657635        .       -
        0       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62659283        62659354        .       -
        0       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62659386        62659552        .       -
        2       Parent=Smp_090860.1
SM_V9_1 iris    CDS     62659618        62659684        .       -
        0       Parent=Smp_090860.1
SM_V9_1 iris    gene    62666093        62719333        .       +
        .
ID=Smp_247160;geneID=Smp_247160;gene_name=Smp_247160;owner=irisadmin
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SM_V9_1 iris    mRNA    62666093        62679156        .       +
        .
ID=Smp_247160.1;Parent=Smp_247160;geneID=Smp_247160;gene_name=Smp_24
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ied=2022-09-30;Name=Smp_247160.1;product=Glucose-6-phosphate
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        .       Parent=Smp_247160.1;Name=3ea9400d-a791-4df5-b76e-
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SM_V9_1 iris    exon    62668543        62668694        .       +
        .       Parent=Smp_247160.1;Name=32e893ae-0435-4061-b6e4-
c65853c6ebe1
SM_V9_1 iris    exon    62669083        62669220        .       +
        .
Parent=Smp_247160.1;Name=c3d7e627-559a-459c-8aca-8f39f3dac015
SM_V9_1 iris    exon    62669447        62669541        .       +
        .       Parent=Smp_247160.1;Name=17793bef-2002-4656-
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SM_V9_1 iris    exon    62673735        62673845        .       +
        .       Parent=Smp_247160.1;Name=9575cbf5-
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SM_V9_1 iris    exon    62675646        62675784        .       +
        .       Parent=Smp_247160.1;Name=016d3cd6-87ab-4e5e-
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SM_V9_1 iris    exon    62677651        62679156        .       +
        .       Parent=Smp_247160.1;Name=9359aeec-f32f-4441-
bdd5-15a7f34b761b
SM_V9_1 iris    CDS     62668547        62668694        .       +
        0       Parent=Smp_247160.1
SM_V9_1 iris    CDS     62669083        62669220        .       +
        2       Parent=Smp_247160.1
SM_V9_1 iris    CDS     62669447        62669541        .       +
        2       Parent=Smp_247160.1
SM_V9_1 iris    CDS     62673735        62673845        .       +
        0       Parent=Smp_247160.1
SM_V9_1 iris    CDS     62675646        62675784        .       +
        0       Parent=Smp_247160.1
SM_V9_1 iris    CDS     62677651        62677772        .       +
        2       Parent=Smp_247160.1
SM_V9_1 iris    mRNA    62666093        62719333        .       +
        .
ID=Smp_247160.2;Parent=Smp_247160;geneID=Smp_247160;gene_name=Smp_24
7160;owner=irisadmin@local.host;orig_id=Smp_247160.1;date_last_modif
ied=2022-09-30;Name=Smp_247160.2;product=Glucose-6-phosphate
exchanger SLC37A4;date_creation=2022-07-18
SM_V9_1 iris    exon    62666093        62666333        .       +
        .       Parent=Smp_247160.2;Name=675f7224-72d6-44b0-
bbdc-1b739f008366
SM_V9_1 iris    exon    62668543        62668694        .       +
        .       Parent=Smp_247160.2;Name=6e71ae95-dba0-497b-
b595-8567a8b44240
SM_V9_1 iris    exon    62669083        62669220        .       +
        .       Parent=Smp_247160.2;Name=495bc343-
c2e7-48e7-988e-430e42fcde45
SM_V9_1 iris    exon    62669447        62669541        .       +
        .       Parent=Smp_247160.2;Name=23588159-ee40-4935-
a1e2-7d5d9062095e
SM_V9_1 iris    exon    62688106        62688262        .       +
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        .       Parent=Smp_247160.2;Name=0e7a201f-ad34-45e2-92ee-
ba3fe7d3d6fb
SM_V9_1 iris    exon    62693436        62693705        .       +
        .       Parent=Smp_247160.2;Name=951397c3-8a0a-40c7-ab90-
a0ac44315a25
SM_V9_1 iris    exon    62696316        62696573        .       +
        .       Parent=Smp_247160.2;Name=9c821cd2-
daff-4cdf-8fd6-36638d4d1c24
SM_V9_1 iris    exon    62698043        62698128        .       +
        .       Parent=Smp_247160.2;Name=d32c06bc-
ce2e-4d6e-971a-5620a3bf95ba
SM_V9_1 iris    exon    62713949        62714059        .       +
        .       Parent=Smp_247160.2;Name=521e9fef-a123-41f2-
bb2b-544c1ece6c92
SM_V9_1 iris    exon    62715860        62715998        .       +
        .       Parent=Smp_247160.2;Name=db029b18-91e5-4ec3-
bbba-827f83040e53
SM_V9_1 iris    exon    62717865        62719333        .       +
        .       Parent=Smp_247160.2;Name=24f146a6-ae2e-4810-bc9f-
e1d077aa49e2
SM_V9_1 iris    CDS     62668547        62668694        .       +
        0       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62669083        62669220        .       +
        2       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62669447        62669541        .       +
        2       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62688106        62688262        .       +
        0       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62693436        62693705        .       +
        2       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62696316        62696573        .       +
        2       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62698043        62698128        .       +
        2       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62713949        62714059        .       +
        0       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62715860        62715998        .       +
        0       Parent=Smp_247160.2
SM_V9_1 iris    CDS     62717865        62717986        .       +
        2       Parent=Smp_247160.2
SM_V9_1 iris    gene    62730613        62761066        .       +
        .
ID=Smp_247150;geneID=Smp_247150;gene_name=Smp_247150;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    62730613        62761066        .       +
        .
ID=Smp_247150.1;Parent=Smp_247150;geneID=Smp_247150;gene_name=Smp_24
7150;owner=irisadmin@local.host;orig_id=Smp_247150.1;date_last_modif
ied=2022-07-18;Name=Smp_247150.1;product=Protein SEC13
homolog;date_creation=2022-07-18
SM_V9_1 iris    exon    62730613        62730683        .       +
        .       Parent=Smp_247150.1;Name=a3bb9ad6-2bdb-444e-8b56-
aa8b460f8610
SM_V9_1 iris    exon    62732340        62732384        .       +
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        .       Parent=Smp_247150.1;Name=0f956174-dac2-4dc1-8a61-
b925683720f3
SM_V9_1 iris    exon    62732423        62732538        .       +
        .       Parent=Smp_247150.1;Name=09f9d000-
c451-49b9-9e40-12f59f97348b
SM_V9_1 iris    exon    62733740        62733891        .       +
        .       Parent=Smp_247150.1;Name=c02a9719-2cc1-4f7a-
bdbf-599c2b96886d
SM_V9_1 iris    exon    62734790        62734923        .       +
        .       Parent=Smp_247150.1;Name=dbaebf2a-9a66-417c-
ab59-83de65211b2e
SM_V9_1 iris    exon    62737750        62737901        .       +
        .       Parent=Smp_247150.1;Name=546805f4-1170-4835-9d6b-
f471a28d6ae2
SM_V9_1 iris    exon    62752419        62752824        .       +
        .       Parent=Smp_247150.1;Name=fcb6b426-daaf-47b6-
b8a0-1752a084f16d
SM_V9_1 iris    exon    62760573        62761066        .       +
        .       Parent=Smp_247150.1;Name=4ebe1561-62d0-49e9-9f59-
a2859dbd5a03
SM_V9_1 iris    CDS     62732379        62732384        .       +
        0       Parent=Smp_247150.1
SM_V9_1 iris    CDS     62732423        62732538        .       +
        0       Parent=Smp_247150.1
SM_V9_1 iris    CDS     62733740        62733891        .       +
        1       Parent=Smp_247150.1
SM_V9_1 iris    CDS     62734790        62734923        .       +
        2       Parent=Smp_247150.1
SM_V9_1 iris    CDS     62737750        62737901        .       +
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SM_V9_1 iris    CDS     62752419        62752824        .       +
        1       Parent=Smp_247150.1
SM_V9_1 iris    CDS     62760573        62760719        .       +
        0       Parent=Smp_247150.1
SM_V9_1 iris    gene    62875564        62885550        .       +
        .
ID=Smp_090890;geneID=Smp_090890;gene_name=Smp_090890;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    62875564        62885550        .       +
        .
ID=Smp_090890.1;Parent=Smp_090890;geneID=Smp_090890;gene_name=Smp_09
0890;owner=irisadmin@local.host;orig_id=Smp_090890.1;date_last_modif
ied=2022-08-01;Name=Smp_090890.1;product=Serine/threonine-protein
kinase pim-1;date_creation=2022-07-29
SM_V9_1 iris    exon    62875564        62875914        .       +
        .
Parent=Smp_090890.1;Name=664a0f7c-2992-4b71-80d7-0eb834656d2d
SM_V9_1 iris    exon    62876776        62876942        .       +
        .       Parent=Smp_090890.1;Name=690b861e-e74e-43c4-803b-
a96f2eaf74d5
SM_V9_1 iris    exon    62879697        62880063        .       +
        .       Parent=Smp_090890.1;Name=dd3cb282-
a519-46c8-967e-423074c192f5
SM_V9_1 iris    exon    62881796        62881994        .       +
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        .       Parent=Smp_090890.1;Name=8b2e0b16-09fe-4a22-bde6-
f5beeb8d8ca1
SM_V9_1 iris    exon    62883265        62885550        .       +
        .       Parent=Smp_090890.1;Name=0d6291d4-4a2e-4da1-8a32-
be691b45736f
SM_V9_1 iris    CDS     62875830        62875914        .       +
        0       Parent=Smp_090890.1
SM_V9_1 iris    CDS     62876776        62876942        .       +
        2       Parent=Smp_090890.1
SM_V9_1 iris    CDS     62879697        62880063        .       +
        0       Parent=Smp_090890.1
SM_V9_1 iris    CDS     62881796        62881994        .       +
        2       Parent=Smp_090890.1
SM_V9_1 iris    CDS     62883265        62884564        .       +
        1       Parent=Smp_090890.1
SM_V9_1 Liftoff gene    62903253        62903838        .       -
        .       ID=Smp_319750;geneID=Smp_319750
SM_V9_1 Liftoff mRNA    62903253        62903838        .       -
        .
ID=Smp_319750.1;Parent=Smp_319750;geneID=Smp_319750;product=2-
isopropylmalate synthase
SM_V9_1 Liftoff exon    62903253        62903838        .       -
        .       Parent=Smp_319750.1
SM_V9_1 Liftoff CDS     62903364        62903597        .       -
        0       Parent=Smp_319750.1
SM_V9_1 Liftoff gene    63013042        63118455        .       +
        .       ID=Smp_171790;geneID=Smp_171790
SM_V9_1 Liftoff mRNA    63013042        63118455        .       +
        .
ID=Smp_171790.1;Parent=Smp_171790;geneID=Smp_171790;product=Uncharac
terized protein KIAA1109;polypeptide_domain=InterPro:IPR018863
Pfam:PF10479
SM_V9_1 Liftoff exon    63013042        63013307        .       +
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SM_V9_1 Liftoff exon    63013343        63013480        .       +
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SM_V9_1 Liftoff exon    63014496        63014733        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63015455        63015542        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63015737        63015933        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63017021        63017100        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63018169        63018304        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63019452        63019617        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63020633        63020915        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63023283        63023429        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63023481        63023578        .       +
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SM_V9_1 Liftoff exon    63024729        63024901        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63027977        63028214        .       +
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SM_V9_1 Liftoff exon    63029915        63030115        .       +
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SM_V9_1 Liftoff exon    63031046        63031183        .       +
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SM_V9_1 Liftoff exon    63032223        63032516        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63033155        63033404        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63034455        63035010        .       +
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SM_V9_1 Liftoff exon    63036144        63036333        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63037499        63037850        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63040113        63040523        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63041244        63041663        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63042901        63043006        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63044112        63044470        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63045373        63045686        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63047003        63047666        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63048527        63048969        .       +
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SM_V9_1 Liftoff exon    63049790        63049962        .       +
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SM_V9_1 Liftoff exon    63050728        63050974        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63051399        63052029        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63053303        63053540        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63053764        63054154        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63055573        63055869        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63056577        63056814        .       +
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SM_V9_1 Liftoff exon    63057911        63058045        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63059176        63059489        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63061585        63061764        .       +
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SM_V9_1 Liftoff exon    63062945        63063428        .       +
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        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63066378        63066651        .       +
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SM_V9_1 Liftoff exon    63070538        63070734        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63072314        63072579        .       +
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SM_V9_1 Liftoff exon    63076380        63076453        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63077075        63077431        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63079943        63080057        .       +
        .       Parent=Smp_171790.1
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SM_V9_1 Liftoff exon    63091016        63091448        .       +
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SM_V9_1 Liftoff exon    63094537        63094776        .       +
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SM_V9_1 Liftoff exon    63097734        63097876        .       +
        .       Parent=Smp_171790.1
SM_V9_1 Liftoff exon    63099124        63099237        .       +
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SM_V9_1 Liftoff exon    63099981        63100298        .       +
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SM_V9_1 Liftoff exon    63103230        63103367        .       +
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SM_V9_1 Liftoff exon    63104684        63104860        .       +
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SM_V9_1 Liftoff exon    63106676        63107018        .       +
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SM_V9_1 Liftoff exon    63107922        63108079        .       +
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SM_V9_1 Liftoff exon    63110819        63111303        .       +
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SM_V9_1 Liftoff exon    63111948        63112198        .       +
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SM_V9_1 Liftoff exon    63112554        63112607        .       +
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SM_V9_1 Liftoff exon    63113314        63113973        .       +
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SM_V9_1 Liftoff exon    63117687        63118455        .       +
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SM_V9_1 Liftoff CDS     63013085        63013307        .       +
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SM_V9_1 Liftoff CDS     63013343        63013480        .       +
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SM_V9_1 Liftoff CDS     63014496        63014733        .       +
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SM_V9_1 Liftoff CDS     63015455        63015542        .       +
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SM_V9_1 Liftoff CDS     63015737        63015933        .       +
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SM_V9_1 Liftoff CDS     63017021        63017100        .       +
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SM_V9_1 Liftoff CDS     63018169        63018304        .       +
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SM_V9_1 Liftoff CDS     63019452        63019617        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63020633        63020915        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63023283        63023429        .       +
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SM_V9_1 Liftoff CDS     63023481        63023578        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63024729        63024901        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63027977        63028214        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63029915        63030115        .       +
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SM_V9_1 Liftoff CDS     63030380        63030637        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63031046        63031183        .       +
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SM_V9_1 Liftoff CDS     63032223        63032516        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63033155        63033404        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63034455        63035010        .       +
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SM_V9_1 Liftoff CDS     63036144        63036333        .       +
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SM_V9_1 Liftoff CDS     63037499        63037850        .       +
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SM_V9_1 Liftoff CDS     63040113        63040523        .       +
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SM_V9_1 Liftoff CDS     63041244        63041663        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63042901        63043006        .       +
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SM_V9_1 Liftoff CDS     63044112        63044470        .       +
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SM_V9_1 Liftoff CDS     63045373        63045686        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63047003        63047666        .       +
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SM_V9_1 Liftoff CDS     63048527        63048969        .       +
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SM_V9_1 Liftoff CDS     63049790        63049962        .       +
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SM_V9_1 Liftoff CDS     63050728        63050974        .       +
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SM_V9_1 Liftoff CDS     63051399        63052029        .       +
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SM_V9_1 Liftoff CDS     63053303        63053540        .       +
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SM_V9_1 Liftoff CDS     63053764        63054154        .       +
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SM_V9_1 Liftoff CDS     63055573        63055869        .       +
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SM_V9_1 Liftoff CDS     63056577        63056814        .       +
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SM_V9_1 Liftoff CDS     63057911        63058045        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63059176        63059489        .       +
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SM_V9_1 Liftoff CDS     63061585        63061764        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63062945        63063428        .       +
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SM_V9_1 Liftoff CDS     63065301        63065394        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63066038        63066268        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63066378        63066651        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63067364        63067453        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63068143        63068391        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63070538        63070734        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63072314        63072579        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63073170        63073237        .       +
        2       Parent=Smp_171790.1
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SM_V9_1 Liftoff CDS     63074032        63074245        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63076380        63076453        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63077075        63077431        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63079943        63080057        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63081143        63081304        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63082724        63083093        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63088959        63089106        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63091016        63091448        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63092982        63093649        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63094537        63094776        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63095330        63095417        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63096347        63096440        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63097734        63097876        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63099124        63099237        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63099981        63100298        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63103230        63103367        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63104684        63104860        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63106676        63107018        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63107922        63108079        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63110024        63110346        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63110819        63111303        .       +
        0       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63111948        63112198        .       +
        1       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63112554        63112607        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63113314        63113973        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff CDS     63117687        63118066        .       +
        2       Parent=Smp_171790.1
SM_V9_1 Liftoff gene    63120832        63123998        .       +
        .       ID=Smp_090920;geneID=Smp_090920
SM_V9_1 Liftoff mRNA    63120832        63123998        .       +
        .
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ribosomal protein S14,
mitochondrial;polypeptide_domain=InterPro:IPR001209
Pfam:PF00253;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_1 Liftoff exon    63120832        63123417        .       +
        .       Parent=Smp_090920.1
SM_V9_1 Liftoff exon    63123452        63123582        .       +
        .       Parent=Smp_090920.1
SM_V9_1 Liftoff exon    63123614        63123998        .       +
        .       Parent=Smp_090920.1
SM_V9_1 Liftoff CDS     63123195        63123417        .       +
        0       Parent=Smp_090920.1
SM_V9_1 Liftoff CDS     63123452        63123582        .       +
        2       Parent=Smp_090920.1
SM_V9_1 Liftoff CDS     63123614        63123901        .       +
        0       Parent=Smp_090920.1
SM_V9_1 Liftoff gene    63124000        63127735        .       -
        .       ID=Smp_090930;geneID=Smp_090930
SM_V9_1 Liftoff mRNA    63124000        63127735        .       -
        .
ID=Smp_090930.1;Parent=Smp_090930;geneID=Smp_090930;product=N-
acetyltransferase ECO1
SM_V9_1 Liftoff exon    63124000        63124124        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63124160        63124512        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63124556        63124642        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63124693        63124860        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63124904        63124990        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63125041        63125208        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63125252        63125323        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63125369        63125542        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63125580        63125706        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63125746        63125937        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63125971        63126088        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63126118        63126347        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63126384        63126450        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63126486        63126521        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff exon    63127622        63127735        .       -
        .       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63124071        63124124        .       -
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        0       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63124160        63124512        .       -
        2       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63124556        63124642        .       -
        2       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63124693        63124860        .       -
        2       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63124904        63124990        .       -
        2       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63125041        63125208        .       -
        2       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63125252        63125323        .       -
        2       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63125369        63125542        .       -
        2       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63125580        63125706        .       -
        0       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63125746        63125937        .       -
        0       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63125971        63126088        .       -
        1       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63126118        63126347        .       -
        0       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63126384        63126450        .       -
        1       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63126486        63126521        .       -
        1       Parent=Smp_090930.1
SM_V9_1 Liftoff CDS     63127622        63127707        .       -
        0       Parent=Smp_090930.1
SM_V9_1 iris    gene    63145252        63202025        .       +
        .
ID=Smp_171820;geneID=Smp_171820;gene_name=Smp_171820;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63145252        63202025        .       +
        .
ID=Smp_171820.1;Parent=Smp_171820;geneID=Smp_171820;gene_name=Smp_17
1820;owner=irisadmin@local.host;orig_id=Smp_171820.1;date_last_modif
ied=2022-07-18;Name=Smp_171820.1;product=Patatin-like phospholipase
domain-containing protein 7;date_creation=2022-07-18
SM_V9_1 iris    exon    63145252        63145457        .       +
        .
Parent=Smp_171820.1;Name=bcff7aa8-37a4-4d6c-8902-2974743dee1b
SM_V9_1 iris    exon    63145494        63145575        .       +
        .       Parent=Smp_171820.1;Name=c7477929-0a1b-47eb-
a13a-1327efe0f741
SM_V9_1 iris    exon    63145616        63145784        .       +
        .       Parent=Smp_171820.1;Name=6a1c77bc-012f-4d04-9d21-
faa2c8ee8cab
SM_V9_1 iris    exon    63145818        63146112        .       +
        .       Parent=Smp_171820.1;Name=f595d6ee-1524-410d-878e-
b97e8a0ae887
SM_V9_1 iris    exon    63146804        63147091        .       +
        .       Parent=Smp_171820.1;Name=ea77b8fe-
a45c-48bd-9ee8-6f59b0633854
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SM_V9_1 iris    exon    63150060        63150177        .       +
        .
Parent=Smp_171820.1;Name=259d91c2-5ada-45f3-9ba8-2f139114b548
SM_V9_1 iris    exon    63152693        63153306        .       +
        .       Parent=Smp_171820.1;Name=81a737f4-9769-4958-9ed3-
b1dd61905aba
SM_V9_1 iris    exon    63157240        63157508        .       +
        .       Parent=Smp_171820.1;Name=08eb639b-4d11-48e7-84c0-
d4516f588990
SM_V9_1 iris    exon    63161610        63161783        .       +
        .       Parent=Smp_171820.1;Name=49614e0b-f3af-4760-
a405-14fb57eb4b04
SM_V9_1 iris    exon    63164120        63164502        .       +
        .       Parent=Smp_171820.1;Name=a7509c52-a871-4b33-83e2-
ad41bd917b01
SM_V9_1 iris    exon    63169761        63170008        .       +
        .       Parent=Smp_171820.1;Name=73469268-1936-43e1-
b3b1-4ad8e60a00dd
SM_V9_1 iris    exon    63170102        63170416        .       +
        .       Parent=Smp_171820.1;Name=a119ff77-73b4-467a-
adf5-918148ef4848
SM_V9_1 iris    exon    63173201        63173384        .       +
        .
Parent=Smp_171820.1;Name=c69e7b1d-0b9b-407f-8d1f-60d0697c288b
SM_V9_1 iris    exon    63177331        63177453        .       +
        .       Parent=Smp_171820.1;Name=e9318532-23fb-4599-9966-
c16e6c3335a1
SM_V9_1 iris    exon    63179728        63179844        .       +
        .
Parent=Smp_171820.1;Name=2b49bae1-76e4-4b28-855a-67743fd78b45
SM_V9_1 iris    exon    63183173        63183324        .       +
        .
Parent=Smp_171820.1;Name=7befb338-3d36-4eb9-93ff-55c9962bf9f0
SM_V9_1 iris    exon    63189289        63189441        .       +
        .
Parent=Smp_171820.1;Name=e83ecc1e-4d6a-477b-8742-372e4744f0aa
SM_V9_1 iris    exon    63194719        63194907        .       +
        .       Parent=Smp_171820.1;Name=8da0cabe-
e74b-43a1-9051-0204334e6c9b
SM_V9_1 iris    exon    63197022        63197097        .       +
        .       Parent=Smp_171820.1;Name=58600c63-391a-4946-
bf3c-3bba3e3def0c
SM_V9_1 iris    exon    63200061        63201037        .       +
        .       Parent=Smp_171820.1;Name=29bd3da6-66cf-4187-84fa-
c6e0764f1cca
SM_V9_1 iris    exon    63201647        63202025        .       +
        .       Parent=Smp_171820.1;Name=2a428f55-9f53-4b7b-
a4bb-55e1ea3dedac
SM_V9_1 iris    CDS     63145290        63145457        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63145494        63145575        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63145616        63145784        .       +
        2       Parent=Smp_171820.1
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SM_V9_1 iris    CDS     63145818        63146112        .       +
        1       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63146804        63147091        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63150060        63150177        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63152693        63153306        .       +
        2       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63157240        63157508        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63161610        63161783        .       +
        1       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63164120        63164502        .       +
        1       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63169761        63170008        .       +
        2       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63170102        63170416        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63173201        63173384        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63177331        63177453        .       +
        2       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63179728        63179844        .       +
        2       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63183173        63183324        .       +
        2       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63189289        63189441        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63194719        63194907        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63197022        63197097        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63200061        63201037        .       +
        2       Parent=Smp_171820.1
SM_V9_1 iris    CDS     63201647        63201700        .       +
        0       Parent=Smp_171820.1
SM_V9_1 iris    gene    63202463        63208711        .       -
        .
ID=Smp_248190;geneID=Smp_248190;gene_name=Smp_248190;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63202463        63208711        .       -
        .
ID=Smp_248190.1;Parent=Smp_248190;geneID=Smp_248190;gene_name=Smp_24
8190;owner=irisadmin@local.host;orig_id=Smp_248190.1;date_last_modif
ied=2022-07-18;Name=Smp_248190.1;product=Pseudouridine
synthase;date_creation=2022-07-18
SM_V9_1 iris    exon    63202463        63202923        .       -
        .       Parent=Smp_248190.1;Name=3ae31638-25dc-446b-b4b3-
b216d51ca72d
SM_V9_1 iris    exon    63203292        63203329        .       -
        .       Parent=Smp_248190.1;Name=5bff49a6-912d-4dd5-9efe-
cb4d4388570b
SM_V9_1 iris    exon    63203381        63203438        .       -
        .       Parent=Smp_248190.1;Name=b202f071-
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b875-4247-9556-99f788652be4
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        .       Parent=Smp_248190.1;Name=8a91b478-931d-4809-b93d-
e44e1ec47066
SM_V9_1 iris    exon    63203580        63203643        .       -
        .       Parent=Smp_248190.1;Name=ca617a06-
a4d2-4f3b-856f-059126b35f23
SM_V9_1 iris    exon    63205759        63205870        .       -
        .       Parent=Smp_248190.1;Name=7e16e5f9-a35f-462a-b001-
a2f540952922
SM_V9_1 iris    exon    63207631        63207770        .       -
        .       Parent=Smp_248190.1;Name=612f9d6c-5345-4dfd-
bbb3-1c7da9948563
SM_V9_1 iris    exon    63207807        63207867        .       -
        .       Parent=Smp_248190.1;Name=9bc05f69-0253-4365-
aa6b-4b3705eee3ef
SM_V9_1 iris    exon    63207901        63208006        .       -
        .       Parent=Smp_248190.1;Name=61a52abf-31dd-4c3e-b543-
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SM_V9_1 iris    exon    63208041        63208125        .       -
        .       Parent=Smp_248190.1;Name=cda42d1b-62c8-494a-
a50d-7ca672e5c1a7
SM_V9_1 iris    exon    63208167        63208227        .       -
        .       Parent=Smp_248190.1;Name=2ec49ab5-
fbdf-401c-905f-964e92b40177
SM_V9_1 iris    exon    63208258        63208398        .       -
        .       Parent=Smp_248190.1;Name=6e847336-b592-49ed-b489-
c6eca8b8fde4
SM_V9_1 iris    exon    63208429        63208550        .       -
        .       Parent=Smp_248190.1;Name=fa0262f8-518e-4c42-9e3c-
f95daf970c08
SM_V9_1 iris    exon    63208588        63208711        .       -
        .       Parent=Smp_248190.1;Name=a3dcb9aa-f1d6-4717-a120-
a31aa6ce818f
SM_V9_1 iris    CDS     63202688        63202923        .       -
        2       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63203292        63203329        .       -
        1       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63203381        63203438        .       -
        2       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63203479        63203544        .       -
        2       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63203580        63203643        .       -
        0       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63205759        63205870        .       -
        1       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63207631        63207770        .       -
        0       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63207807        63207867        .       -
        1       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63207901        63208006        .       -
        2       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63208041        63208125        .       -
        0       Parent=Smp_248190.1
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SM_V9_1 iris    CDS     63208167        63208227        .       -
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SM_V9_1 iris    CDS     63208258        63208398        .       -
        1       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63208429        63208550        .       -
        0       Parent=Smp_248190.1
SM_V9_1 iris    CDS     63208588        63208668        .       -
        0       Parent=Smp_248190.1
SM_V9_1 Liftoff gene    63223829        63258014        .       -
        .
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p_247110,Smp_247140
SM_V9_1 Liftoff mRNA    63223829        63258014        .       -
        .
ID=Smp_332580.1;Parent=Smp_332580;geneID=Smp_332580;product=Uncharac
terized protein C20orf194
SM_V9_1 Liftoff exon    63223829        63224061        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63226598        63226691        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63228541        63228803        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63229944        63230021        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63231609        63231706        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63233568        63233758        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63234973        63235057        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63237201        63237252        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63238903        63239182        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63240241        63240879        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63242379        63242567        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63243854        63243948        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63245491        63245608        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63247014        63247075        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63247647        63247798        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63248549        63248619        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63248667        63248754        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63249876        63249900        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63249955        63250030        .       -
        .       Parent=Smp_332580.1
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SM_V9_1 Liftoff exon    63252814        63252919        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63252956        63253014        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63253068        63253169        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63254086        63254163        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63254208        63254241        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63257224        63257305        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63257346        63257445        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63257493        63257617        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63257652        63257771        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63257808        63257878        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff exon    63257918        63258014        .       -
        .       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63223958        63224061        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63226598        63226691        .       -
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SM_V9_1 Liftoff CDS     63228541        63228803        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63229944        63230021        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63231609        63231706        .       -
        1       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63233568        63233758        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63234973        63235057        .       -
        1       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63237201        63237252        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63238903        63239182        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63240241        63240879        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63242379        63242567        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63243854        63243948        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63245491        63245608        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63247014        63247075        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63247647        63247798        .       -
        1       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63248549        63248619        .       -
        0       Parent=Smp_332580.1
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SM_V9_1 Liftoff CDS     63248667        63248754        .       -
        1       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63249876        63249900        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63249955        63250030        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63252814        63252919        .       -
        1       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63252956        63253014        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63253068        63253169        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63254086        63254163        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63254208        63254241        .       -
        1       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63257224        63257305        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63257346        63257445        .       -
        0       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63257493        63257617        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63257652        63257771        .       -
        2       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63257808        63257878        .       -
        1       Parent=Smp_332580.1
SM_V9_1 Liftoff CDS     63257918        63257991        .       -
        0       Parent=Smp_332580.1
SM_V9_1 iris    gene    63263918        63272963        .       +
        .
ID=Smp_090980;geneID=Smp_090980;gene_name=Smp_090980;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63263918        63272963        .       +
        .
ID=Smp_090980.1;Parent=Smp_090980;geneID=Smp_090980;gene_name=Smp_09
0980;owner=irisadmin@local.host;orig_id=Smp_090980.2;date_last_modif
ied=2022-07-18;Name=Smp_090980.1;product=Cyclin-dependent kinase
20;date_creation=2022-07-18
SM_V9_1 iris    exon    63263918        63263959        .       +
        .       Parent=Smp_090980.1;Name=a29bc049-86c9-4a0f-
a53f-0002be63f382
SM_V9_1 iris    exon    63268742        63268895        .       +
        .       Parent=Smp_090980.1;Name=caa94a85-7404-498a-
b2aa-3379fbc1695b
SM_V9_1 iris    exon    63268930        63269003        .       +
        .       Parent=Smp_090980.1;Name=c97fe5f2-b3d9-4d64-b90d-
cc85187594ed
SM_V9_1 iris    exon    63269036        63269264        .       +
        .       Parent=Smp_090980.1;Name=95806c81-a00e-4576-8880-
e5e4e73496ca
SM_V9_1 iris    exon    63269311        63269432        .       +
        .       Parent=Smp_090980.1;Name=ad4145f6-
dda9-4a06-9d37-5b6871560b53
SM_V9_1 iris    exon    63269562        63269613        .       +
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        .       Parent=Smp_090980.1;Name=b9878abf-
bd57-4835-90b8-7a1038e1ae23
SM_V9_1 iris    exon    63269650        63269721        .       +
        .       Parent=Smp_090980.1;Name=fdd0e28e-f7cc-40e9-a31c-
d98b6ea016c5
SM_V9_1 iris    exon    63271068        63271223        .       +
        .
Parent=Smp_090980.1;Name=2201a3e6-1f56-4a88-8d7c-9eb723a1e2c6
SM_V9_1 iris    exon    63272585        63272963        .       +
        .       Parent=Smp_090980.1;Name=1dca1d28-
c277-4de7-80c1-55b5e774376c
SM_V9_1 iris    CDS     63268821        63268895        .       +
        0       Parent=Smp_090980.1
SM_V9_1 iris    CDS     63268930        63269003        .       +
        0       Parent=Smp_090980.1
SM_V9_1 iris    CDS     63269036        63269264        .       +
        1       Parent=Smp_090980.1
SM_V9_1 iris    CDS     63269311        63269432        .       +
        0       Parent=Smp_090980.1
SM_V9_1 iris    CDS     63269562        63269613        .       +
        1       Parent=Smp_090980.1
SM_V9_1 iris    CDS     63269650        63269721        .       +
        0       Parent=Smp_090980.1
SM_V9_1 iris    CDS     63271068        63271223        .       +
        0       Parent=Smp_090980.1
SM_V9_1 iris    CDS     63272585        63272821        .       +
        0       Parent=Smp_090980.1
SM_V9_1 Liftoff gene    63284160        63294364        .       -
        .       ID=Smp_091000;geneID=Smp_091000
SM_V9_1 Liftoff mRNA    63284160        63294364        .       -
        .
ID=Smp_091000.1;Parent=Smp_091000;geneID=Smp_091000;product=Transmem
brane protein 151 homolog;polypeptide_domain=InterPro:IPR026767
Pfam:PF14857
SM_V9_1 Liftoff exon    63284160        63285311        .       -
        .       Parent=Smp_091000.1
SM_V9_1 Liftoff exon    63290093        63290960        .       -
        .       Parent=Smp_091000.1
SM_V9_1 Liftoff exon    63294130        63294364        .       -
        .       Parent=Smp_091000.1
SM_V9_1 Liftoff CDS     63284584        63285311        .       -
        2       Parent=Smp_091000.1
SM_V9_1 Liftoff CDS     63290093        63290960        .       -
        0       Parent=Smp_091000.1
SM_V9_1 Liftoff CDS     63294130        63294270        .       -
        0       Parent=Smp_091000.1
SM_V9_1 iris    gene    63313961        63331625        .       +
        .
ID=Smp_344080;geneID=Smp_344080;gene_name=Smp_344080;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63313961        63331625        .       +
        .
ID=Smp_344080.1;Parent=Smp_344080;geneID=Smp_344080;gene_name=Smp_34
4080;owner=irisadmin@local.host;orig_id=Smp_344080.1;date_last_modif
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ied=2022-07-18;Name=Smp_344080.1;product=DNA damage-regulated
autophagy modulator protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    63313961        63314137        .       +
        .       Parent=Smp_344080.1;Name=c450856d-ef17-4fcf-8842-
f60bc878feb3
SM_V9_1 iris    exon    63318997        63319088        .       +
        .       Parent=Smp_344080.1;Name=ebbeb2e7-
c7a2-4227-8cae-84860169e396
SM_V9_1 iris    exon    63320754        63320807        .       +
        .       Parent=Smp_344080.1;Name=d77197d2-7f89-4c9a-92e7-
a307edef725d
SM_V9_1 iris    exon    63324200        63324267        .       +
        .       Parent=Smp_344080.1;Name=4e942d64-2b1f-4b38-
a285-34a4186ba331
SM_V9_1 iris    exon    63326380        63326528        .       +
        .       Parent=Smp_344080.1;Name=6c0b4ddc-
fcff-4130-849c-682f073c3a31
SM_V9_1 iris    exon    63327118        63327289        .       +
        .       Parent=Smp_344080.1;Name=2f0553e4-7a20-4429-acd3-
d3c51889b239
SM_V9_1 iris    exon    63329774        63329847        .       +
        .
Parent=Smp_344080.1;Name=3626c73d-5630-430c-810b-7a52fb3ad4c1
SM_V9_1 iris    exon    63331129        63331625        .       +
        .
Parent=Smp_344080.1;Name=28f8ec7e-93f9-442e-8ead-181939fc19ec
SM_V9_1 iris    CDS     63319012        63319088        .       +
        0       Parent=Smp_344080.1
SM_V9_1 iris    CDS     63320754        63320807        .       +
        1       Parent=Smp_344080.1
SM_V9_1 iris    CDS     63324200        63324267        .       +
        1       Parent=Smp_344080.1
SM_V9_1 iris    CDS     63326380        63326528        .       +
        2       Parent=Smp_344080.1
SM_V9_1 iris    CDS     63327118        63327289        .       +
        0       Parent=Smp_344080.1
SM_V9_1 iris    CDS     63329774        63329847        .       +
        2       Parent=Smp_344080.1
SM_V9_1 iris    CDS     63331129        63331275        .       +
        0       Parent=Smp_344080.1
SM_V9_1 Liftoff gene    63339243        63349364        .       -
        .       ID=Smp_319770;geneID=Smp_319770
SM_V9_1 Liftoff mRNA    63339243        63349364        .       -
        .
ID=Smp_319770.1;Parent=Smp_319770;geneID=Smp_319770;product=DNA
damage-regulated autophagy modulator protein
1;polypeptide_domain=InterPro:IPR019402 Pfam:PF10277
SM_V9_1 Liftoff exon    63339243        63339405        .       -
        .       Parent=Smp_319770.1
SM_V9_1 Liftoff exon    63340398        63340471        .       -
        .       Parent=Smp_319770.1
SM_V9_1 Liftoff exon    63340865        63341036        .       -
        .       Parent=Smp_319770.1
SM_V9_1 Liftoff exon    63342976        63343124        .       -
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        .       Parent=Smp_319770.1
SM_V9_1 Liftoff exon    63346205        63346272        .       -
        .       Parent=Smp_319770.1
SM_V9_1 Liftoff exon    63347001        63347054        .       -
        .       Parent=Smp_319770.1
SM_V9_1 Liftoff exon    63347993        63349364        .       -
        .       Parent=Smp_319770.1
SM_V9_1 Liftoff CDS     63339271        63339405        .       -
        0       Parent=Smp_319770.1
SM_V9_1 Liftoff CDS     63340398        63340471        .       -
        2       Parent=Smp_319770.1
SM_V9_1 Liftoff CDS     63340865        63341036        .       -
        0       Parent=Smp_319770.1
SM_V9_1 Liftoff CDS     63342976        63343124        .       -
        2       Parent=Smp_319770.1
SM_V9_1 Liftoff CDS     63346205        63346272        .       -
        1       Parent=Smp_319770.1
SM_V9_1 Liftoff CDS     63347001        63347054        .       -
        1       Parent=Smp_319770.1
SM_V9_1 Liftoff CDS     63347993        63348069        .       -
        0       Parent=Smp_319770.1
SM_V9_1 Liftoff mRNA    63339251        63349364        .       -
        .
ID=Smp_319770.2;Parent=Smp_319770;geneID=Smp_319770;product=DNA
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1;polypeptide_domain=InterPro:IPR019402 Pfam:PF10277
SM_V9_1 Liftoff exon    63339251        63339405        .       -
        .       Parent=Smp_319770.2
SM_V9_1 Liftoff exon    63340398        63340471        .       -
        .       Parent=Smp_319770.2
SM_V9_1 Liftoff exon    63340865        63341036        .       -
        .       Parent=Smp_319770.2
SM_V9_1 Liftoff exon    63342976        63343124        .       -
        .       Parent=Smp_319770.2
SM_V9_1 Liftoff exon    63346205        63346272        .       -
        .       Parent=Smp_319770.2
SM_V9_1 Liftoff exon    63347001        63347054        .       -
        .       Parent=Smp_319770.2
SM_V9_1 Liftoff exon    63347993        63349364        .       -
        .       Parent=Smp_319770.2
SM_V9_1 Liftoff CDS     63339271        63339405        .       -
        0       Parent=Smp_319770.2
SM_V9_1 Liftoff CDS     63340398        63340471        .       -
        2       Parent=Smp_319770.2
SM_V9_1 Liftoff CDS     63340865        63341036        .       -
        0       Parent=Smp_319770.2
SM_V9_1 Liftoff CDS     63342976        63343124        .       -
        2       Parent=Smp_319770.2
SM_V9_1 Liftoff CDS     63346205        63346272        .       -
        1       Parent=Smp_319770.2
SM_V9_1 Liftoff CDS     63347001        63347054        .       -
        1       Parent=Smp_319770.2
SM_V9_1 Liftoff CDS     63347993        63348069        .       -
        0       Parent=Smp_319770.2
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SM_V9_1 Liftoff gene    63354723        63362760        .       -
        .
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SM_V9_1 Liftoff mRNA    63354723        63362760        .       -
        .
ID=Smp_344070.1;Parent=Smp_344070;geneID=Smp_344070;product=DNA
damage-regulated autophagy modulator protein
1;polypeptide_domain=InterPro:IPR019402 Pfam:PF10277
SM_V9_1 Liftoff exon    63354723        63354968        .       -
        .       Parent=Smp_344070.1
SM_V9_1 Liftoff exon    63356585        63356658        .       -
        .       Parent=Smp_344070.1
SM_V9_1 Liftoff exon    63357075        63357246        .       -
        .       Parent=Smp_344070.1
SM_V9_1 Liftoff exon    63357562        63357710        .       -
        .       Parent=Smp_344070.1
SM_V9_1 Liftoff exon    63358824        63358891        .       -
        .       Parent=Smp_344070.1
SM_V9_1 Liftoff exon    63360487        63360540        .       -
        .       Parent=Smp_344070.1
SM_V9_1 Liftoff exon    63362085        63362760        .       -
        .       Parent=Smp_344070.1
SM_V9_1 Liftoff CDS     63354828        63354968        .       -
        0       Parent=Smp_344070.1
SM_V9_1 Liftoff CDS     63356585        63356658        .       -
        2       Parent=Smp_344070.1
SM_V9_1 Liftoff CDS     63357075        63357246        .       -
        0       Parent=Smp_344070.1
SM_V9_1 Liftoff CDS     63357562        63357710        .       -
        2       Parent=Smp_344070.1
SM_V9_1 Liftoff CDS     63358824        63358891        .       -
        1       Parent=Smp_344070.1
SM_V9_1 Liftoff CDS     63360487        63360540        .       -
        1       Parent=Smp_344070.1
SM_V9_1 Liftoff CDS     63362085        63362161        .       -
        0       Parent=Smp_344070.1
SM_V9_1 iris    gene    63371634        63384348        .       +
        .
ID=Smp_319780;geneID=Smp_319780;gene_name=Smp_319780;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    63371634        63384348        .       +
        .
ID=Smp_319780.1;Parent=Smp_319780;geneID=Smp_319780;gene_name=Smp_31
9780;owner=irisadmin@local.host;orig_id=Smp_319780.1;date_last_modif
ied=2022-08-19;Name=Smp_319780.1;product=Multidrug resistance
protein MdtO;date_creation=2022-07-29
SM_V9_1 iris    exon    63371634        63372090        .       +
        .       Parent=Smp_319780.1;Name=df77b62f-5ce8-4768-
bdfb-601a55477e27
SM_V9_1 iris    exon    63374089        63374142        .       +
        .       Parent=Smp_319780.1;Name=8fa9eb28-38dd-4030-a84d-
ce953d0a1c40
SM_V9_1 iris    exon    63374871        63374938        .       +
        .       Parent=Smp_319780.1;Name=13227233-aeb9-4a72-baf4-
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b7531f4ea385
SM_V9_1 iris    exon    63380858        63381006        .       +
        .       Parent=Smp_319780.1;Name=e20e0d16-4a0c-4b0d-8522-
a9f0ef60cf38
SM_V9_1 iris    exon    63382074        63382245        .       +
        .       Parent=Smp_319780.1;Name=0bd3a5bd-7dc4-465d-
b867-661c7ebad56a
SM_V9_1 iris    exon    63382613        63382686        .       +
        .       Parent=Smp_319780.1;Name=8d5867c9-
cbec-44d0-8719-036507550c2c
SM_V9_1 iris    exon    63383686        63384348        .       +
        .       Parent=Smp_319780.1;Name=4b9a7f9b-6fa6-46e0-8b55-
d9c564ab9585
SM_V9_1 iris    CDS     63374902        63374938        .       +
        0       Parent=Smp_319780.1
SM_V9_1 iris    CDS     63380858        63381006        .       +
        2       Parent=Smp_319780.1
SM_V9_1 iris    CDS     63382074        63382245        .       +
        0       Parent=Smp_319780.1
SM_V9_1 iris    CDS     63382613        63382686        .       +
        2       Parent=Smp_319780.1
SM_V9_1 iris    CDS     63383686        63383820        .       +
        0       Parent=Smp_319780.1
SM_V9_1 iris    gene    63385400        63402326        .       -
        .
ID=Smp_319790;geneID=Smp_319790;gene_name=Smp_319790;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63385400        63402326        .       -
        .
ID=Smp_319790.1;Parent=Smp_319790;geneID=Smp_319790;gene_name=Smp_31
9790;owner=irisadmin@local.host;orig_id=Smp_319790.1;date_last_modif
ied=2022-07-18;Name=Smp_319790.1;product=DNA damage-regulated
autophagy modulator protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    63385400        63385644        .       -
        .
Parent=Smp_319790.1;Name=e0f684b6-8a88-4d6b-881b-58a0943f1840
SM_V9_1 iris    exon    63385980        63386053        .       -
        .       Parent=Smp_319790.1;Name=8f0c5a2a-0c66-457b-a4f8-
d5c29f5ee59d
SM_V9_1 iris    exon    63392180        63392351        .       -
        .
Parent=Smp_319790.1;Name=8a237b6a-815f-4d63-9158-2b5d35d1ad91
SM_V9_1 iris    exon    63395059        63395207        .       -
        .       Parent=Smp_319790.1;Name=cdbf5648-68be-48e6-97ca-
e9d4f242156c
SM_V9_1 iris    exon    63396086        63396153        .       -
        .       Parent=Smp_319790.1;Name=461f50e8-b070-49ce-8b01-
eb60b33ce409
SM_V9_1 iris    exon    63396845        63396898        .       -
        .
Parent=Smp_319790.1;Name=c3d73cb5-40a2-45b5-8aba-9d3e5c2eb70a
SM_V9_1 iris    exon    63398150        63398270        .       -
        .       Parent=Smp_319790.1;Name=5bcdab48-4c47-460f-9810-
bf7222b4fc9a
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SM_V9_1 iris    exon    63402258        63402326        .       -
        .       Parent=Smp_319790.1;Name=624e28b7-
de9e-418c-8aed-505995248ae5
SM_V9_1 iris    CDS     63385480        63385644        .       -
        0       Parent=Smp_319790.1
SM_V9_1 iris    CDS     63385980        63386053        .       -
        2       Parent=Smp_319790.1
SM_V9_1 iris    CDS     63392180        63392351        .       -
        0       Parent=Smp_319790.1
SM_V9_1 iris    CDS     63395059        63395207        .       -
        2       Parent=Smp_319790.1
SM_V9_1 iris    CDS     63396086        63396153        .       -
        1       Parent=Smp_319790.1
SM_V9_1 iris    CDS     63396845        63396898        .       -
        1       Parent=Smp_319790.1
SM_V9_1 iris    CDS     63398150        63398232        .       -
        0       Parent=Smp_319790.1
SM_V9_1 iris    gene    63411214        63429878        .       -
        .
ID=Smp_148080;geneID=Smp_148080;gene_name=Smp_148080;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63411214        63429878        .       -
        .
ID=Smp_148080.1;Parent=Smp_148080;geneID=Smp_148080;gene_name=Smp_14
8080;owner=irisadmin@local.host;orig_id=Smp_148080.1;date_last_modif
ied=2022-07-18;Name=Smp_148080.1;product=DNA damage-regulated
autophagy modulator protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    63411214        63411455        .       -
        .       Parent=Smp_148080.1;Name=40f47b35-3c77-4047-
b157-572b420e556e
SM_V9_1 iris    exon    63411793        63411866        .       -
        .       Parent=Smp_148080.1;Name=183a2d8a-c34b-4da7-8335-
beb99a127af1
SM_V9_1 iris    exon    63412757        63412928        .       -
        .       Parent=Smp_148080.1;Name=b99360ac-3597-4560-
bc1c-29ee1afdcfdb
SM_V9_1 iris    exon    63415000        63415148        .       -
        .       Parent=Smp_148080.1;Name=269e9b6a-
d6a0-4e46-8732-1d04c191bb41
SM_V9_1 iris    exon    63417045        63417112        .       -
        .       Parent=Smp_148080.1;Name=4d17d46c-22a5-4ce5-
b162-2961a40235dc
SM_V9_1 iris    exon    63420389        63420442        .       -
        .       Parent=Smp_148080.1;Name=383c4ee6-e388-402a-ba42-
b880558d9d80
SM_V9_1 iris    exon    63422205        63422325        .       -
        .       Parent=Smp_148080.1;Name=a0c49a7f-
c1c1-4ab3-9af8-48aeb78a67c9
SM_V9_1 iris    exon    63422768        63422775        .       -
        .       Parent=Smp_148080.1;Name=a161340c-cd9a-4496-845c-
d5c32e727f42
SM_V9_1 iris    exon    63425451        63425478        .       -
        .       Parent=Smp_148080.1;Name=60ae35f7-f9b0-4dfb-
a2ff-2135ce0eb8f9
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SM_V9_1 iris    exon    63429484        63429500        .       -
        .       Parent=Smp_148080.1;Name=539c22c7-9c16-498e-85f6-
e7555edae2f2
SM_V9_1 iris    exon    63429800        63429878        .       -
        .       Parent=Smp_148080.1;Name=934c9641-
c92a-4c46-8fa5-76eda9bed215
SM_V9_1 iris    CDS     63411291        63411455        .       -
        0       Parent=Smp_148080.1
SM_V9_1 iris    CDS     63411793        63411866        .       -
        2       Parent=Smp_148080.1
SM_V9_1 iris    CDS     63412757        63412928        .       -
        0       Parent=Smp_148080.1
SM_V9_1 iris    CDS     63415000        63415148        .       -
        2       Parent=Smp_148080.1
SM_V9_1 iris    CDS     63417045        63417112        .       -
        1       Parent=Smp_148080.1
SM_V9_1 iris    CDS     63420389        63420442        .       -
        1       Parent=Smp_148080.1
SM_V9_1 iris    CDS     63422205        63422287        .       -
        0       Parent=Smp_148080.1
SM_V9_1 iris    gene    63446578        63471882        .       +
        .
ID=Smp_048430;geneID=Smp_048430;gene_name=Smp_048430;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63446578        63471882        .       +
        .
ID=Smp_048430.1;Parent=Smp_048430;geneID=Smp_048430;gene_name=Smp_04
8430;owner=irisadmin@local.host;orig_id=Smp_048430.1;date_last_modif
ied=2022-07-18;Name=Smp_048430.1;product=thioredoxin glutathione
reductase;date_creation=2022-07-18
SM_V9_1 iris    exon    63446578        63446681        .       +
        .       Parent=Smp_048430.1;Name=c60d6d01-cd72-43e5-8c2f-
de9691611e31
SM_V9_1 iris    exon    63446716        63446885        .       +
        .
Parent=Smp_048430.1;Name=66c4b924-63bc-4756-9d17-6ae50904e062
SM_V9_1 iris    exon    63448344        63448451        .       +
        .
Parent=Smp_048430.1;Name=c3ac93b8-9469-409f-8787-86b8b5d29b97
SM_V9_1 iris    exon    63448486        63448546        .       +
        .       Parent=Smp_048430.1;Name=ad304f4a-df00-462c-8361-
da2d08fbc76c
SM_V9_1 iris    exon    63448580        63448666        .       +
        .       Parent=Smp_048430.1;Name=9ea3ec4d-5519-4e79-
bf90-5ee3392a4725
SM_V9_1 iris    exon    63448703        63448827        .       +
        .       Parent=Smp_048430.1;Name=18e7f98a-
a285-4fbc-9ce3-981ccdc62917
SM_V9_1 iris    exon    63451126        63451267        .       +
        .       Parent=Smp_048430.1;Name=fa7282dc-75cd-470a-a7e2-
d77d39c62a94
SM_V9_1 iris    exon    63451482        63451535        .       +
        .       Parent=Smp_048430.1;Name=1efda25c-6cc2-4198-
a564-368a9203cfda
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SM_V9_1 iris    exon    63453703        63453845        .       +
        .       Parent=Smp_048430.1;Name=0b49cedd-3975-4a22-9be0-
f0c03b3b8b4f
SM_V9_1 iris    exon    63454686        63454801        .       +
        .       Parent=Smp_048430.1;Name=c8f98cab-384a-4abe-a67e-
b30d7a21b315
SM_V9_1 iris    exon    63459030        63459255        .       +
        .       Parent=Smp_048430.1;Name=9219904f-ffd1-4a49-983f-
d8247a3780c6
SM_V9_1 iris    exon    63460075        63460179        .       +
        .       Parent=Smp_048430.1;Name=59d02675-62b1-4bfe-
be86-74ed519cf59a
SM_V9_1 iris    exon    63462045        63462118        .       +
        .       Parent=Smp_048430.1;Name=e0af3aad-d957-412d-b18a-
c9a0a27d7206
SM_V9_1 iris    exon    63464652        63464808        .       +
        .       Parent=Smp_048430.1;Name=9ee32eef-98e9-4cd7-91d5-
e2e9e616c2cf
SM_V9_1 iris    exon    63466597        63466704        .       +
        .       Parent=Smp_048430.1;Name=33254cfd-b4b6-4dc3-
b43a-60968317d1aa
SM_V9_1 iris    exon    63468409        63468501        .       +
        .
Parent=Smp_048430.1;Name=1cffe5a5-54cd-4726-9abf-48c4870ca3ba
SM_V9_1 iris    exon    63470993        63471130        .       +
        .       Parent=Smp_048430.1;Name=0899e7db-b258-4d72-
be78-2acfb2945422
SM_V9_1 iris    exon    63471301        63471882        .       +
        .       Parent=Smp_048430.1;Name=ad9e8771-8add-4b64-
ac54-867f24c69666
SM_V9_1 iris    CDS     63446793        63446885        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63448344        63448451        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63448486        63448546        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63448580        63448666        .       +
        2       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63448703        63448827        .       +
        2       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63451126        63451267        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63451482        63451535        .       +
        2       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63453703        63453845        .       +
        2       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63454686        63454801        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63459030        63459255        .       +
        1       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63460075        63460179        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63462045        63462118        .       +
        0       Parent=Smp_048430.1
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SM_V9_1 iris    CDS     63464652        63464808        .       +
        1       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63466597        63466704        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63468409        63468501        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63470993        63471130        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    CDS     63471301        63471363        .       +
        0       Parent=Smp_048430.1
SM_V9_1 iris    gene    63481705        63486439        .       -
        .
ID=Smp_048420;geneID=Smp_048420;gene_name=Smp_048420;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    63481705        63486439        .       -
        .
ID=Smp_048420.1;Parent=Smp_048420;geneID=Smp_048420;gene_name=Smp_04
8420;owner=irisadmin@local.host;orig_id=Smp_048420.1;date_last_modif
ied=2022-08-01;Name=Smp_048420.1;product=Coiled-coil domain-
containing protein 115;date_creation=2022-07-29
SM_V9_1 iris    exon    63481705        63482149        .       -
        .
Parent=Smp_048420.1;Name=05410ee8-84f2-4a58-8dbe-9afdc11afc9e
SM_V9_1 iris    exon    63485905        63486038        .       -
        .       Parent=Smp_048420.1;Name=68521d9a-56e4-49c0-87c1-
a3225386ce21
SM_V9_1 iris    exon    63486074        63486193        .       -
        .       Parent=Smp_048420.1;Name=d9a238bd-
dfc7-4fc8-88ba-86ef08320b5d
SM_V9_1 iris    exon    63486247        63486439        .       -
        .       Parent=Smp_048420.1;Name=1f324e79-8a68-4070-b6a7-
c2cc6d996c9a
SM_V9_1 iris    CDS     63481868        63482149        .       -
        0       Parent=Smp_048420.1
SM_V9_1 iris    CDS     63485905        63486038        .       -
        2       Parent=Smp_048420.1
SM_V9_1 iris    CDS     63486074        63486179        .       -
        0       Parent=Smp_048420.1
SM_V9_1 iris    non_canonical_five_prime_splice_site    63486245
        63486245        .       -       .       ID=Smp_048420.1-
non_canonical_five_prime_splice_site-63486244;Name=Smp_048420.1-
non_canonical_five_prime_splice_site-63486244
SM_V9_1 iris    gene    63492288        63518180        .       +
        .
ID=Smp_148070;geneID=Smp_148070;gene_name=Smp_148070;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63492288        63518180        .       +
        .
ID=Smp_148070.1;Parent=Smp_148070;geneID=Smp_148070;gene_name=Smp_14
8070;owner=irisadmin@local.host;orig_id=Smp_148070.2;date_last_modif
ied=2022-09-30;Name=Smp_148070.1;product=Exocyst complex component
5;date_creation=2022-07-18
SM_V9_1 iris    exon    63492288        63492365        .       +
        .       Parent=Smp_148070.1;Name=f5aaf90e-8ec5-45c7-b894-
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d28f128a4051
SM_V9_1 iris    exon    63492401        63492571        .       +
        .       Parent=Smp_148070.1;Name=f01853ef-971e-46a0-
b59a-9a15088b8d09
SM_V9_1 iris    exon    63494497        63494772        .       +
        .       Parent=Smp_148070.1;Name=dbdf6a64-20d7-4671-
b139-610d48009ebe
SM_V9_1 iris    exon    63497287        63497383        .       +
        .       Parent=Smp_148070.1;Name=3ea0af16-d943-4ac0-ba0f-
c79dfb1f8bdd
SM_V9_1 iris    exon    63497425        63497579        .       +
        .       Parent=Smp_148070.1;Name=ef3fef6c-d36b-4a1d-aba3-
b7ca153dca2d
SM_V9_1 iris    exon    63498284        63498424        .       +
        .       Parent=Smp_148070.1;Name=c2f455b0-d7ac-4b84-b5a5-
d88beb411c65
SM_V9_1 iris    exon    63500616        63500692        .       +
        .       Parent=Smp_148070.1;Name=691727d9-46d1-42cc-b39b-
af03cb1a0c17
SM_V9_1 iris    exon    63501231        63501440        .       +
        .       Parent=Smp_148070.1;Name=48f0c4dc-57f3-4b13-
b775-5b9b6c78d849
SM_V9_1 iris    exon    63501613        63501763        .       +
        .       Parent=Smp_148070.1;Name=a55a4061-451b-4046-a69d-
b30f340cbd0a
SM_V9_1 iris    exon    63503004        63503112        .       +
        .       Parent=Smp_148070.1;Name=61d9215c-6bac-4176-abfb-
e368fbcec5fc
SM_V9_1 iris    exon    63506877        63507003        .       +
        .       Parent=Smp_148070.1;Name=5160b071-c073-41d8-
b70f-06130f3631f3
SM_V9_1 iris    exon    63511245        63511455        .       +
        .       Parent=Smp_148070.1;Name=f9583bd5-
d6e2-45b8-8076-98925ccfb40c
SM_V9_1 iris    exon    63514527        63514683        .       +
        .       Parent=Smp_148070.1;Name=517be857-
cca9-4c39-86fb-7b841a821607
SM_V9_1 iris    exon    63517786        63518180        .       +
        .       Parent=Smp_148070.1;Name=e92d3859-d059-45b4-
ad40-2a33b8dca23f
SM_V9_1 iris    CDS     63492324        63492365        .       +
        0       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63492401        63492571        .       +
        0       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63494497        63494772        .       +
        0       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63497287        63497383        .       +
        0       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63497425        63497579        .       +
        2       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63498284        63498424        .       +
        0       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63500616        63500692        .       +
        0       Parent=Smp_148070.1
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SM_V9_1 iris    CDS     63501231        63501440        .       +
        1       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63501613        63501763        .       +
        1       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63503004        63503112        .       +
        0       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63506877        63507003        .       +
        2       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63511245        63511455        .       +
        1       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63514527        63514683        .       +
        0       Parent=Smp_148070.1
SM_V9_1 iris    CDS     63517786        63518048        .       +
        2       Parent=Smp_148070.1
SM_V9_1 Liftoff gene    63518288        63521624        .       -
        .
ID=Smp_334880;geneID=Smp_334880;previous_systematic_id=Smp_148060
SM_V9_1 Liftoff mRNA    63518288        63521624        .       -
        .
ID=Smp_334880.1;Parent=Smp_334880;geneID=Smp_334880;product=Olfactor
y receptor 1K1
SM_V9_1 Liftoff exon    63518288        63521624        .       -
        .       Parent=Smp_334880.1
SM_V9_1 Liftoff CDS     63520704        63520931        .       -
        0       Parent=Smp_334880.1
SM_V9_1 iris    gene    63532393        63548459        .       +
        .
ID=Smp_344060;geneID=Smp_344060;gene_name=Smp_344060;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63532393        63548459        .       +
        .
ID=Smp_344060.1;Parent=Smp_344060;geneID=Smp_344060;gene_name=Smp_34
4060;owner=irisadmin@local.host;orig_id=Smp_344060.1;date_last_modif
ied=2022-07-18;Name=Smp_344060.1;product=glutaminyl tRNA
synthetase;date_creation=2022-07-18
SM_V9_1 iris    exon    63532393        63532766        .       +
        .       Parent=Smp_344060.1;Name=341954ef-98f6-4200-94df-
ae93dae094c0
SM_V9_1 iris    exon    63532801        63532900        .       +
        .       Parent=Smp_344060.1;Name=aff6ea54-0f8a-4464-a0f3-
a7a00aa629a7
SM_V9_1 iris    exon    63532931        63533136        .       +
        .       Parent=Smp_344060.1;Name=aea6a6cb-f27a-4e7d-b4ee-
b3dc844fadeb
SM_V9_1 iris    exon    63538026        63538138        .       +
        .       Parent=Smp_344060.1;Name=54f5f407-421e-4c82-b7b1-
b6517d95683c
SM_V9_1 iris    exon    63538184        63538276        .       +
        .       Parent=Smp_344060.1;Name=eda170ef-f352-455a-bfd1-
be487936419f
SM_V9_1 iris    exon    63544493        63544883        .       +
        .       Parent=Smp_344060.1;Name=5162e8b5-
e197-4cc1-8c3c-168e04ad64b0
SM_V9_1 iris    exon    63544969        63545157        .       +
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        .       Parent=Smp_344060.1;Name=1797f27e-c409-4ebb-921b-
d221aaa0edf6
SM_V9_1 iris    exon    63545711        63545838        .       +
        .
Parent=Smp_344060.1;Name=a9a71c46-705a-441f-8c96-2c284d822771
SM_V9_1 iris    exon    63545927        63545984        .       +
        .       Parent=Smp_344060.1;Name=58189ff7-9c4c-4acb-b948-
fe2f1af2cd12
SM_V9_1 iris    exon    63547657        63547782        .       +
        .       Parent=Smp_344060.1;Name=ecc217b2-431a-4463-
bcd7-6970267c8e35
SM_V9_1 iris    exon    63548258        63548459        .       +
        .       Parent=Smp_344060.1;Name=8a8a4798-65f7-4a2e-
a1f8-483fbdca518d
SM_V9_1 iris    CDS     63532536        63532766        .       +
        0       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63532801        63532900        .       +
        0       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63532931        63533136        .       +
        2       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63538026        63538138        .       +
        0       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63538184        63538276        .       +
        1       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63544493        63544883        .       +
        1       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63544969        63545157        .       +
        0       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63545711        63545838        .       +
        0       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63545927        63545984        .       +
        1       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63547657        63547782        .       +
        0       Parent=Smp_344060.1
SM_V9_1 iris    CDS     63548258        63548311        .       +
        0       Parent=Smp_344060.1
SM_V9_1 Liftoff gene    63653781        63688184        .       -
        .       ID=Smp_048380;geneID=Smp_048380
SM_V9_1 Liftoff mRNA    63653781        63688184        .       -
        .
ID=Smp_048380.1;Parent=Smp_048380;geneID=Smp_048380;product=Nuclear
egress protein 1
SM_V9_1 Liftoff exon    63653781        63654480        .       -
        .       Parent=Smp_048380.1
SM_V9_1 Liftoff exon    63660398        63660584        .       -
        .       Parent=Smp_048380.1
SM_V9_1 Liftoff exon    63663045        63663211        .       -
        .       Parent=Smp_048380.1
SM_V9_1 Liftoff exon    63664655        63664829        .       -
        .       Parent=Smp_048380.1
SM_V9_1 Liftoff exon    63687990        63688184        .       -
        .       Parent=Smp_048380.1
SM_V9_1 Liftoff CDS     63654120        63654480        .       -
        1       Parent=Smp_048380.1
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SM_V9_1 Liftoff CDS     63660398        63660584        .       -
        2       Parent=Smp_048380.1
SM_V9_1 Liftoff CDS     63663045        63663211        .       -
        1       Parent=Smp_048380.1
SM_V9_1 Liftoff CDS     63664655        63664829        .       -
        2       Parent=Smp_048380.1
SM_V9_1 Liftoff CDS     63687990        63688050        .       -
        0       Parent=Smp_048380.1
SM_V9_1 Liftoff gene    63714704        63729202        .       +
        .
ID=Smp_344050;geneID=Smp_344050;previous_systematic_id=Smp_148040
SM_V9_1 Liftoff mRNA    63714704        63729202        .       +
        .
ID=Smp_344050.1;Parent=Smp_344050;geneID=Smp_344050;product=DC-STAMP
domain-containing protein
1;polypeptide_domain=InterPro:IPR008952,IPR012858
Pfam:PF07782;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    63714704        63715408        .       +
        .       Parent=Smp_344050.1
SM_V9_1 Liftoff exon    63722291        63723687        .       +
        .       Parent=Smp_344050.1
SM_V9_1 Liftoff exon    63727413        63729202        .       +
        .       Parent=Smp_344050.1
SM_V9_1 Liftoff CDS     63714961        63715408        .       +
        0       Parent=Smp_344050.1
SM_V9_1 Liftoff CDS     63722291        63723687        .       +
        2       Parent=Smp_344050.1
SM_V9_1 Liftoff CDS     63727413        63729179        .       +
        0       Parent=Smp_344050.1
SM_V9_1 Liftoff gene    63737389        63749600        .       -
        .
ID=Smp_344040;geneID=Smp_344040;previous_systematic_id=Smp_148030
SM_V9_1 Liftoff mRNA    63737389        63749600        .       -
        .
ID=Smp_344040.1;Parent=Smp_344040;geneID=Smp_344040;product=DC-STAMP
domain-containing protein 1
SM_V9_1 Liftoff exon    63737389        63739179        .       -
        .       Parent=Smp_344040.1
SM_V9_1 Liftoff exon    63744579        63746377        .       -
        .       Parent=Smp_344040.1
SM_V9_1 Liftoff exon    63749299        63749600        .       -
        .       Parent=Smp_344040.1
SM_V9_1 Liftoff CDS     63737539        63739179        .       -
        0       Parent=Smp_344040.1
SM_V9_1 Liftoff CDS     63744579        63746377        .       -
        2       Parent=Smp_344040.1
SM_V9_1 Liftoff CDS     63749299        63749395        .       -
        0       Parent=Smp_344040.1
SM_V9_1 iris    gene    63752071        63793036        .       -
        .
ID=Smp_148020;geneID=Smp_148020;gene_name=Smp_148020;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63752071        63793036        .       -
        .
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ID=Smp_148020.1;Parent=Smp_148020;geneID=Smp_148020;gene_name=Smp_14
8020;owner=irisadmin@local.host;orig_id=Smp_148020.1;date_last_modif
ied=2022-07-18;Name=Smp_148020.1;product=Neuroglian;date_creation=20
22-07-18
SM_V9_1 iris    exon    63752071        63752430        .       -
        .       Parent=Smp_148020.1;Name=6f9ff43b-
e8fe-42a9-8172-8e3cdac87bf3
SM_V9_1 iris    exon    63753876        63754054        .       -
        .       Parent=Smp_148020.1;Name=82eed262-5d4e-400c-bcd6-
ef789dfd8a9d
SM_V9_1 iris    exon    63759750        63759801        .       -
        .       Parent=Smp_148020.1;Name=672eb8a2-4371-4ccc-a13f-
ce23a9579c38
SM_V9_1 iris    exon    63762237        63762449        .       -
        .       Parent=Smp_148020.1;Name=8629c958-f900-4043-
bf67-6ab82e89e456
SM_V9_1 iris    exon    63764569        63764760        .       -
        .       Parent=Smp_148020.1;Name=57eda8b4-260a-4350-
a3e8-6b27f3596887
SM_V9_1 iris    exon    63765734        63765916        .       -
        .       Parent=Smp_148020.1;Name=ee0452a5-
d0c2-4a30-93e8-2d0cf7345a98
SM_V9_1 iris    exon    63768145        63768299        .       -
        .
Parent=Smp_148020.1;Name=b10a85e0-14b0-4935-92bb-85bc45ae1256
SM_V9_1 iris    exon    63768840        63769336        .       -
        .       Parent=Smp_148020.1;Name=03c44e9d-e43b-4a56-
ae6e-7d7352057cf8
SM_V9_1 iris    exon    63770433        63770696        .       -
        .
Parent=Smp_148020.1;Name=ccae4ee7-50c6-4696-8d61-73eee0c21875
SM_V9_1 iris    exon    63773033        63773227        .       -
        .       Parent=Smp_148020.1;Name=f92cc1f3-
ca4f-4959-9830-4ce4588613ae
SM_V9_1 iris    exon    63776191        63776373        .       -
        .
Parent=Smp_148020.1;Name=86ce3b3c-9171-4139-9627-71d8c0c1c893
SM_V9_1 iris    exon    63777852        63778060        .       -
        .       Parent=Smp_148020.1;Name=359fd22f-760a-48a3-
ac99-61fd57f2a792
SM_V9_1 iris    exon    63778891        63779272        .       -
        .
Parent=Smp_148020.1;Name=eaa9a393-714e-43ec-9924-8779899fa214
SM_V9_1 iris    exon    63780554        63780841        .       -
        .       Parent=Smp_148020.1;Name=a598f290-78dd-483f-b54c-
bde9f60a4d77
SM_V9_1 iris    exon    63783150        63783319        .       -
        .       Parent=Smp_148020.1;Name=d73e9a74-0f77-4f36-915a-
cc7a6e61c5a0
SM_V9_1 iris    exon    63786309        63786453        .       -
        .       Parent=Smp_148020.1;Name=244cce20-9773-48f9-
af21-154c6736de54
SM_V9_1 iris    exon    63787523        63787666        .       -
        .       Parent=Smp_148020.1;Name=7ff282d3-7446-4231-
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b986-11ea92ea9198
SM_V9_1 iris    exon    63788462        63788589        .       -
        .       Parent=Smp_148020.1;Name=b7bff314-60f2-4443-
b159-09e0b28e1324
SM_V9_1 iris    exon    63789998        63790177        .       -
        .       Parent=Smp_148020.1;Name=fae7b73e-5ada-440a-a1cc-
b019b93a7e44
SM_V9_1 iris    exon    63792432        63792619        .       -
        .       Parent=Smp_148020.1;Name=2f2aaace-
eb06-4fe6-88eb-7a59f069d765
SM_V9_1 iris    exon    63792653        63792758        .       -
        .       Parent=Smp_148020.1;Name=55584d72-37a6-4170-
beac-3a49c08fa095
SM_V9_1 iris    exon    63792796        63793036        .       -
        .       Parent=Smp_148020.1;Name=525d4b11-
b1ac-4e11-934e-604fdbbfd58d
SM_V9_1 iris    CDS     63752195        63752430        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63753876        63754054        .       -
        1       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63759750        63759801        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63762237        63762449        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63764569        63764760        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63765734        63765916        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63768145        63768299        .       -
        1       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63768840        63769336        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63770433        63770696        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63773033        63773227        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63776191        63776373        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63777852        63778060        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63778891        63779272        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63780554        63780841        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63783150        63783319        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63786309        63786453        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63787523        63787666        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63788462        63788589        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63789998        63790177        .       -
        2       Parent=Smp_148020.1
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SM_V9_1 iris    CDS     63792432        63792619        .       -
        1       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63792653        63792758        .       -
        2       Parent=Smp_148020.1
SM_V9_1 iris    CDS     63792796        63792895        .       -
        0       Parent=Smp_148020.1
SM_V9_1 iris    gene    63800382        63832192        .       -
        .
ID=Smp_340820;geneID=Smp_340820;gene_name=Smp_340820;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63800382        63832192        .       -
        .
ID=Smp_340820.1;Parent=Smp_340820;geneID=Smp_340820;gene_name=Smp_34
0820;owner=irisadmin@local.host;orig_id=Smp_340820.1;date_last_modif
ied=2022-09-30;Name=Smp_340820.1;product=Sulfite oxidase,
mitochondrial;date_creation=2022-07-18
SM_V9_1 iris    exon    63800382        63800620        .       -
        .       Parent=Smp_340820.1;Name=f95f8c79-1122-43fc-
bb68-2757500375ad
SM_V9_1 iris    exon    63801450        63801658        .       -
        .       Parent=Smp_340820.1;Name=3f89a99c-5250-4a0a-a082-
d6dc439a1508
SM_V9_1 iris    exon    63802363        63802556        .       -
        .       Parent=Smp_340820.1;Name=4bd74569-e137-417f-
adcc-998fef487693
SM_V9_1 iris    exon    63811869        63812059        .       -
        .       Parent=Smp_340820.1;Name=0bbb647b-8511-4acc-b8e8-
eb86c719109e
SM_V9_1 iris    exon    63826329        63826696        .       -
        .       Parent=Smp_340820.1;Name=78aa7586-9199-4857-
b530-96a614170bba
SM_V9_1 iris    exon    63827645        63827835        .       -
        .       Parent=Smp_340820.1;Name=2a39d625-feea-4469-
b545-1404fcd4b7d4
SM_V9_1 iris    exon    63830025        63830329        .       -
        .       Parent=Smp_340820.1;Name=a4e6a400-f3bb-492a-b1d8-
ca0213c37da4
SM_V9_1 iris    exon    63830367        63830433        .       -
        .       Parent=Smp_340820.1;Name=432d67e9-6390-4aa1-
a781-66f2656a40a2
SM_V9_1 iris    exon    63830467        63830608        .       -
        .       Parent=Smp_340820.1;Name=ac23b90a-09c9-46a2-bf32-
d559e3c20f64
SM_V9_1 iris    exon    63832068        63832192        .       -
        .       Parent=Smp_340820.1;Name=8133e043-e63d-40df-9ecf-
b6db32857872
SM_V9_1 iris    CDS     63800472        63800620        .       -
        2       Parent=Smp_340820.1
SM_V9_1 iris    CDS     63801450        63801658        .       -
        1       Parent=Smp_340820.1
SM_V9_1 iris    CDS     63802363        63802556        .       -
        0       Parent=Smp_340820.1
SM_V9_1 iris    CDS     63811869        63812059        .       -
        2       Parent=Smp_340820.1
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SM_V9_1 iris    CDS     63826329        63826696        .       -
        1       Parent=Smp_340820.1
SM_V9_1 iris    CDS     63827645        63827835        .       -
        0       Parent=Smp_340820.1
SM_V9_1 iris    CDS     63830025        63830329        .       -
        2       Parent=Smp_340820.1
SM_V9_1 iris    CDS     63830367        63830433        .       -
        0       Parent=Smp_340820.1
SM_V9_1 iris    CDS     63830467        63830523        .       -
        0       Parent=Smp_340820.1
SM_V9_1 iris    gene    63839174        63862237        .       +
        .
ID=Smp_148010;geneID=Smp_148010;gene_name=Smp_148010;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63839174        63862237        .       +
        .
ID=Smp_148010.1;Parent=Smp_148010;geneID=Smp_148010;gene_name=Smp_14
8010;owner=irisadmin@local.host;orig_id=Smp_148010.1;date_last_modif
ied=2022-07-18;Name=Smp_148010.1;product=E3 ubiquitin-protein ligase
SHPRH;date_creation=2022-07-18
SM_V9_1 iris    exon    63839174        63840357        .       +
        .       Parent=Smp_148010.1;Name=f865e5b6-e74a-4a3b-
a348-2690af747304
SM_V9_1 iris    exon    63842758        63843166        .       +
        .
Parent=Smp_148010.1;Name=8fe19f9c-02e1-45be-9e05-609e1ab4bb0d
SM_V9_1 iris    exon    63844063        63844170        .       +
        .       Parent=Smp_148010.1;Name=0a85935f-853c-4668-9df5-
a43ab4f01244
SM_V9_1 iris    exon    63844882        63845229        .       +
        .       Parent=Smp_148010.1;Name=99f867e5-ef9c-4100-8e56-
babc9326dad7
SM_V9_1 iris    exon    63845941        63846064        .       +
        .       Parent=Smp_148010.1;Name=8c0800b1-
a94c-45dc-9cbe-32dc0669ded9
SM_V9_1 iris    exon    63848159        63848435        .       +
        .       Parent=Smp_148010.1;Name=00c717a5-ffea-499c-
a358-363d98217da9
SM_V9_1 iris    exon    63849047        63849457        .       +
        .       Parent=Smp_148010.1;Name=4010a342-a73c-4072-9f97-
fc59a78953cd
SM_V9_1 iris    exon    63850522        63850648        .       +
        .
Parent=Smp_148010.1;Name=8ac6c375-5340-47e3-84eb-19989d5508ce
SM_V9_1 iris    exon    63852338        63852661        .       +
        .       Parent=Smp_148010.1;Name=52bc20ae-fcad-4cd3-bab1-
cba71bd1787d
SM_V9_1 iris    exon    63853680        63853942        .       +
        .       Parent=Smp_148010.1;Name=f9ebb1bc-4fa6-493b-8837-
c90cb08bf59c
SM_V9_1 iris    exon    63854681        63854816        .       +
        .       Parent=Smp_148010.1;Name=4365ebf1-4975-4a64-8a2a-
da81a9d52164
SM_V9_1 iris    exon    63856513        63857037        .       +
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        .       Parent=Smp_148010.1;Name=cc2dd3a6-afd8-412a-a87c-
bd5930ad431a
SM_V9_1 iris    exon    63857920        63858042        .       +
        .       Parent=Smp_148010.1;Name=9f7328da-a46b-4f29-
aff1-879e2cbbbfb5
SM_V9_1 iris    exon    63858130        63858594        .       +
        .       Parent=Smp_148010.1;Name=b96437b8-8c99-4808-9469-
cc63721d207e
SM_V9_1 iris    exon    63859828        63859920        .       +
        .       Parent=Smp_148010.1;Name=6560b4f1-42bc-415f-
a83c-88c2872fc58a
SM_V9_1 iris    exon    63860731        63861005        .       +
        .       Parent=Smp_148010.1;Name=4cd3206b-3a33-4d54-bbc5-
e500438bbeb1
SM_V9_1 iris    exon    63861696        63862237        .       +
        .       Parent=Smp_148010.1;Name=f60afd40-
cee1-42b1-915d-9ec9bb9e6e3a
SM_V9_1 iris    CDS     63839471        63840357        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63842758        63843166        .       +
        1       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63844063        63844170        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63844882        63845229        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63845941        63846064        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63848159        63848435        .       +
        2       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63849047        63849457        .       +
        1       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63850522        63850648        .       +
        1       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63852338        63852661        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63853680        63853942        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63854681        63854816        .       +
        1       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63856513        63857037        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63857920        63858042        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63858130        63858594        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63859828        63859920        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63860731        63861005        .       +
        0       Parent=Smp_148010.1
SM_V9_1 iris    CDS     63861696        63861984        .       +
        1       Parent=Smp_148010.1
SM_V9_1 Liftoff gene    63868340        63886870        .       -
        .
ID=Smp_302230;geneID=Smp_302230;previous_systematic_id=Smp_048280,Sm
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p_207010,Smp_212000
SM_V9_1 Liftoff mRNA    63868340        63886870        .       -
        .
ID=Smp_302230.1;Parent=Smp_302230;geneID=Smp_302230;product=Signal
recognition particle subunit
SRP72;polypeptide_domain=InterPro:IPR011990,IPR013699,IPR019734,IPR0
26270,IPR031545
Pfam:PF08492,PF17004;Ontology_term=GO:0005515,GO:0006614,GO:0008312,
GO:0048500
SM_V9_1 Liftoff exon    63868340        63868925        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63870494        63870715        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63871971        63872356        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63872991        63873314        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63874651        63874776        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63880062        63880251        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63884316        63884396        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63885450        63885525        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63885559        63885667        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63885705        63885782        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63885818        63885883        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63885923        63886043        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63886082        63886199        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff exon    63886726        63886870        .       -
        .       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63868802        63868925        .       -
        1       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63870494        63870715        .       -
        1       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63871971        63872356        .       -
        0       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63872991        63873314        .       -
        0       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63874651        63874776        .       -
        0       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63880062        63880251        .       -
        1       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63884316        63884396        .       -
        1       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63885450        63885525        .       -
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SM_V9_1 Liftoff CDS     63885559        63885667        .       -
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        0       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63885705        63885782        .       -
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SM_V9_1 Liftoff CDS     63885818        63885883        .       -
        0       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63885923        63886043        .       -
        1       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63886082        63886199        .       -
        2       Parent=Smp_302230.1
SM_V9_1 Liftoff CDS     63886726        63886828        .       -
        0       Parent=Smp_302230.1
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        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    63895454        63899032        .       +
        .
ID=Smp_340810.1;Parent=Smp_340810;geneID=Smp_340810;gene_name=Smp_34
0810;owner=irisadmin@local.host;orig_id=Smp_340810.1;date_last_modif
ied=2022-08-01;Name=Smp_340810.1;product=Palmitoyl-protein
thioesterase-dolichyl pyrophosphate phosphatase fusion
1;date_creation=2022-08-01
SM_V9_1 iris    exon    63895454        63895849        .       +
        .       Parent=Smp_340810.1;Name=133bc02f-ff60-4144-
a736-1d5d0cb0516e
SM_V9_1 iris    exon    63895884        63895984        .       +
        .
Parent=Smp_340810.1;Name=aa7ce700-60f1-4d9d-851f-65366ec83769
SM_V9_1 iris    exon    63896022        63896109        .       +
        .       Parent=Smp_340810.1;Name=19a40e28-c2c6-4bbf-bf9a-
d4b144ea9adb
SM_V9_1 iris    exon    63896151        63896244        .       +
        .       Parent=Smp_340810.1;Name=8ce1cdf4-d91a-41d3-
a9b8-8bd74dbd3aba
SM_V9_1 iris    exon    63896278        63896364        .       +
        .       Parent=Smp_340810.1;Name=b1e394e4-adb0-4500-b3bc-
feaf66cd1f36
SM_V9_1 iris    exon    63896392        63896520        .       +
        .
Parent=Smp_340810.1;Name=f8d00f65-0962-4f96-98a1-36ddcb74c9f0
SM_V9_1 iris    exon    63898312        63898401        .       +
        .       Parent=Smp_340810.1;Name=938a4173-5e61-436e-82ae-
e28b9d8374db
SM_V9_1 iris    exon    63898942        63899032        .       +
        .       Parent=Smp_340810.1;Name=4633b66f-62ef-4219-
a756-97a140ab3329
SM_V9_1 iris    CDS     63895792        63895849        .       +
        0       Parent=Smp_340810.1
SM_V9_1 iris    CDS     63895884        63895984        .       +
        2       Parent=Smp_340810.1
SM_V9_1 iris    CDS     63896022        63896109        .       +
        0       Parent=Smp_340810.1
SM_V9_1 iris    CDS     63896151        63896244        .       +
        2       Parent=Smp_340810.1
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SM_V9_1 iris    CDS     63896278        63896364        .       +
        1       Parent=Smp_340810.1
SM_V9_1 iris    CDS     63896392        63896520        .       +
        1       Parent=Smp_340810.1
SM_V9_1 iris    CDS     63898312        63898401        .       +
        1       Parent=Smp_340810.1
SM_V9_1 iris    CDS     63898942        63898966        .       +
        1       Parent=Smp_340810.1
SM_V9_1 iris    gene    63899105        63909370        .       -
        .
ID=Smp_048260;geneID=Smp_048260;gene_name=Smp_048260;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63899105        63909370        .       -
        .
ID=Smp_048260.1;Parent=Smp_048260;geneID=Smp_048260;gene_name=Smp_04
8260;owner=irisadmin@local.host;orig_id=Smp_048260.1;date_last_modif
ied=2022-09-30;Name=Smp_048260.1;product=N-alpha-acetyltransferase
20;date_creation=2022-07-18
SM_V9_1 iris    exon    63899105        63899337        .       -
        .       Parent=Smp_048260.1;Name=cc2fcc35-7285-4959-
a28b-480205180f69
SM_V9_1 iris    exon    63901480        63901619        .       -
        .       Parent=Smp_048260.1;Name=9d19bd72-5858-453e-bf9b-
b8978afaf8be
SM_V9_1 iris    exon    63903179        63903501        .       -
        .       Parent=Smp_048260.1;Name=153b0cab-5ada-453e-
b448-3aeae6c79495
SM_V9_1 iris    exon    63904580        63904604        .       -
        .       Parent=Smp_048260.1;Name=900a0334-ec78-4bf1-
af03-6f0df920b3c4
SM_V9_1 iris    exon    63906181        63906306        .       -
        .
Parent=Smp_048260.1;Name=9abce30d-6900-4370-9a67-5400935fa9ed
SM_V9_1 iris    exon    63909336        63909370        .       -
        .       Parent=Smp_048260.1;Name=2c21ce7d-3173-46c2-
bcce-2284c6f8f62b
SM_V9_1 iris    CDS     63899246        63899337        .       -
        2       Parent=Smp_048260.1
SM_V9_1 iris    CDS     63901480        63901619        .       -
        1       Parent=Smp_048260.1
SM_V9_1 iris    CDS     63903179        63903501        .       -
        0       Parent=Smp_048260.1
SM_V9_1 iris    CDS     63904580        63904604        .       -
        1       Parent=Smp_048260.1
SM_V9_1 iris    CDS     63906181        63906233        .       -
        0       Parent=Smp_048260.1
SM_V9_1 iris    gene    63921064        63954096        .       +
        .
ID=Smp_147990;geneID=Smp_147990;gene_name=Smp_147990;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    63921064        63954096        .       +
        .
ID=Smp_147990.1;Parent=Smp_147990;geneID=Smp_147990;gene_name=Smp_14
7990;owner=irisadmin@local.host;orig_id=Smp_147990.2;date_last_modif
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ied=2022-07-18;Name=Smp_147990.1;product=Cyclic AMP-dependent
transcription factor ATF-6 alpha;date_creation=2022-07-18
SM_V9_1 iris    exon    63921064        63921244        .       +
        .       Parent=Smp_147990.1;Name=60efbabb-eaaa-4c33-
b19c-201194dab132
SM_V9_1 iris    exon    63921282        63921328        .       +
        .       Parent=Smp_147990.1;Name=e6cba615-e458-4bb6-
ab42-277bace55d94
SM_V9_1 iris    exon    63921363        63921450        .       +
        .       Parent=Smp_147990.1;Name=2b034eb9-bb6c-4458-
a9ce-31969e196d49
SM_V9_1 iris    exon    63921488        63921756        .       +
        .       Parent=Smp_147990.1;Name=0f196e6b-4e02-416a-
b3d7-697870acdcce
SM_V9_1 iris    exon    63921790        63921967        .       +
        .       Parent=Smp_147990.1;Name=7b1ed307-3a64-4997-be43-
c8efec1b27b8
SM_V9_1 iris    exon    63924466        63924563        .       +
        .       Parent=Smp_147990.1;Name=b23df009-af4d-4f8b-b8a9-
e66daf7501b6
SM_V9_1 iris    exon    63926113        63926319        .       +
        .       Parent=Smp_147990.1;Name=409414f4-2838-4174-8453-
e2b1c745d6c7
SM_V9_1 iris    exon    63935892        63936315        .       +
        .       Parent=Smp_147990.1;Name=ba0f56c8-5a04-4eaa-830b-
be5d403ad495
SM_V9_1 iris    exon    63936880        63937215        .       +
        .       Parent=Smp_147990.1;Name=0372e8ea-2124-4535-ac75-
c2261d719c72
SM_V9_1 iris    exon    63939042        63939292        .       +
        .
Parent=Smp_147990.1;Name=ff18d120-9d06-42df-8295-22b2a9daf351
SM_V9_1 iris    exon    63942026        63942376        .       +
        .
Parent=Smp_147990.1;Name=19e06e8d-3cd9-4da9-98a8-7653830f8fb3
SM_V9_1 iris    exon    63947323        63947506        .       +
        .
Parent=Smp_147990.1;Name=9b9a342f-3b97-4a44-85eb-8ce04923d578
SM_V9_1 iris    exon    63953137        63954096        .       +
        .       Parent=Smp_147990.1;Name=66891760-
ab7c-4bc6-811d-2f680cb56912
SM_V9_1 iris    CDS     63921226        63921244        .       +
        0       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63921282        63921328        .       +
        2       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63921363        63921450        .       +
        0       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63921488        63921756        .       +
        2       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63921790        63921967        .       +
        0       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63924466        63924563        .       +
        2       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63926113        63926319        .       +
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        0       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63935892        63936315        .       +
        0       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63936880        63937215        .       +
        2       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63939042        63939292        .       +
        2       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63942026        63942376        .       +
        0       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63947323        63947506        .       +
        0       Parent=Smp_147990.1
SM_V9_1 iris    CDS     63953137        63953285        .       +
        2       Parent=Smp_147990.1
SM_V9_1 Liftoff gene    63959773        63980700        .       -
        .       ID=Smp_048240;geneID=Smp_048240
SM_V9_1 Liftoff mRNA    63959773        63980700        .       -
        .
ID=Smp_048240.1;Parent=Smp_048240;geneID=Smp_048240;product=Mannose-
1-phosphate guanyltransferase alpha-
A;polypeptide_domain=InterPro:IPR001451,IPR005835,IPR011004,IPR02904
4 Pfam:PF00132,PF00483;Ontology_term=GO:0009058,GO:0016779
SM_V9_1 Liftoff exon    63959773        63960716        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63962661        63962925        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63964712        63964940        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63967099        63967227        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63971078        63971205        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63971864        63971923        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63976358        63976550        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63979070        63979173        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63979205        63979302        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff exon    63979340        63980700        .       -
        .       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63960616        63960716        .       -
        2       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63962661        63962925        .       -
        0       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63964712        63964940        .       -
        1       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63967099        63967227        .       -
        1       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63971078        63971205        .       -
        0       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63971864        63971923        .       -
        0       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63976358        63976550        .       -
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        1       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63979070        63979173        .       -
        0       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63979205        63979302        .       -
        2       Parent=Smp_048240.1
SM_V9_1 Liftoff CDS     63979340        63979418        .       -
        0       Parent=Smp_048240.1
SM_V9_1 Liftoff gene    63985334        64007778        .       +
        .       ID=Smp_048230;geneID=Smp_048230
SM_V9_1 Liftoff mRNA    63985334        64007778        .       +
        .
ID=Smp_048230.1;Parent=Smp_048230;geneID=Smp_048230;product=High
affinity copper uptake protein
1;polypeptide_domain=InterPro:IPR007274
Pfam:PF04145;Ontology_term=GO:0005375,GO:0016021,GO:0035434
SM_V9_1 Liftoff exon    63985334        63989961        .       +
        .       Parent=Smp_048230.1
SM_V9_1 Liftoff exon    63989997        63990063        .       +
        .       Parent=Smp_048230.1
SM_V9_1 Liftoff exon    63990105        63990163        .       +
        .       Parent=Smp_048230.1
SM_V9_1 Liftoff exon    63998415        63998617        .       +
        .       Parent=Smp_048230.1
SM_V9_1 Liftoff exon    64004061        64007778        .       +
        .       Parent=Smp_048230.1
SM_V9_1 Liftoff CDS     63989884        63989961        .       +
        0       Parent=Smp_048230.1
SM_V9_1 Liftoff CDS     63989997        63990063        .       +
        0       Parent=Smp_048230.1
SM_V9_1 Liftoff CDS     63990105        63990163        .       +
        2       Parent=Smp_048230.1
SM_V9_1 Liftoff CDS     63998415        63998617        .       +
        0       Parent=Smp_048230.1
SM_V9_1 Liftoff CDS     64004061        64004256        .       +
        1       Parent=Smp_048230.1
SM_V9_1 iris    gene    64051725        64072127        .       +
        .
ID=Smp_147980;geneID=Smp_147980;gene_name=Smp_147980;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-07-18
SM_V9_1 iris    mRNA    64051725        64072127        .       +
        .
ID=Smp_147980.1;Parent=Smp_147980;geneID=Smp_147980;gene_name=Smp_14
7980;owner=irisadmin@local.host;orig_id=Smp_147980.1;date_last_modif
ied=2022-09-30;Name=Smp_147980.1;product=Zinc finger protein 652-
B;date_creation=2022-07-18
SM_V9_1 iris    exon    64051725        64051831        .       +
        .       Parent=Smp_147980.1;Name=613ff6a3-9c99-4010-
b30b-9ca622cf8c1f
SM_V9_1 iris    exon    64051905        64051962        .       +
        .       Parent=Smp_147980.1;Name=8b2da14e-403e-4e5c-
b68d-285483527ac8
SM_V9_1 iris    exon    64053744        64053830        .       +
        .       Parent=Smp_147980.1;Name=617a3e14-864b-41c3-a90c-
fc2b58927fad
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SM_V9_1 iris    exon    64057669        64057727        .       +
        .
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SM_V9_1 iris    exon    64059505        64059559        .       +
        .       Parent=Smp_147980.1;Name=8d5cda6f-2b21-4e7d-90e0-
a501d40b5616
SM_V9_1 iris    exon    64061049        64061138        .       +
        .       Parent=Smp_147980.1;Name=dc95378f-
a731-483e-9bcb-0d8e755b48df
SM_V9_1 iris    exon    64062955        64063041        .       +
        .       Parent=Smp_147980.1;Name=1d70e718-51c7-4f88-894f-
b6ab0e1f0f46
SM_V9_1 iris    exon    64067563        64067649        .       +
        .       Parent=Smp_147980.1;Name=c3a562a7-db30-4159-92fa-
c6d69383cb5c
SM_V9_1 iris    exon    64068921        64069096        .       +
        .       Parent=Smp_147980.1;Name=79d8d568-d798-4636-8684-
aa08e886d957
SM_V9_1 iris    exon    64070728        64070785        .       +
        .
Parent=Smp_147980.1;Name=18a09e9e-0a7f-448f-9613-7686345b9379
SM_V9_1 iris    exon    64071555        64072127        .       +
        .       Parent=Smp_147980.1;Name=970f2d55-8a3c-42fb-
a620-90b7d57c53d6
SM_V9_1 iris    CDS     64051808        64051831        .       +
        0       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64051905        64051962        .       +
        0       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64053744        64053830        .       +
        2       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64057669        64057727        .       +
        2       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64059505        64059559        .       +
        0       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64061049        64061138        .       +
        2       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64062955        64063041        .       +
        2       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64067563        64067649        .       +
        2       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64068921        64069096        .       +
        2       Parent=Smp_147980.1
SM_V9_1 iris    CDS     64070728        64070775        .       +
        0       Parent=Smp_147980.1
SM_V9_1 Liftoff pseudogene      64085671        64089240        .
        +       .       ID=Smp_319760;geneID=Smp_319760
SM_V9_1 Liftoff transcript      64085671        64089240        .
        +       .
ID=Smp_319760.1;Parent=Smp_319760;geneID=Smp_319760
SM_V9_1 Liftoff exon    64085671        64086115        .       +
        .       Parent=Smp_319760.1
SM_V9_1 Liftoff exon    64086389        64089240        .       +
        .       Parent=Smp_319760.1
SM_V9_1 iris    gene    64097343        64124428        .       +
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ID=Smp_147970;geneID=Smp_147970;gene_name=Smp_147970;owner=irisadmin
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SM_V9_1 iris    mRNA    64097343        64124428        .       +
        .
ID=Smp_147970.1;Parent=Smp_147970;geneID=Smp_147970;gene_name=Smp_14
7970;owner=irisadmin@local.host;orig_id=Smp_147970.1;date_last_modif
ied=2022-07-18;Name=Smp_147970.1;product=Kinesin-like protein
KIF14;date_creation=2022-07-18
SM_V9_1 iris    exon    64097343        64097423        .       +
        .       Parent=Smp_147970.1;Name=b0546545-efb6-4c3c-
ab53-61dd6190323d
SM_V9_1 iris    exon    64097456        64097728        .       +
        .       Parent=Smp_147970.1;Name=36ba36e5-9bca-4113-a104-
d6b483e258e2
SM_V9_1 iris    exon    64099316        64099394        .       +
        .
Parent=Smp_147970.1;Name=6eda5675-4a8d-4f79-9523-785fe56ee3f9
SM_V9_1 iris    exon    64099433        64099528        .       +
        .       Parent=Smp_147970.1;Name=01c1ab93-7eb1-40a2-9176-
adbc3f634582
SM_V9_1 iris    exon    64103510        64103704        .       +
        .       Parent=Smp_147970.1;Name=0dd06edf-
fa1b-4f51-8978-77bf431a9d41
SM_V9_1 iris    exon    64104960        64105073        .       +
        .
Parent=Smp_147970.1;Name=a952d309-15bb-4486-9417-9d2188633c10
SM_V9_1 iris    exon    64106029        64106237        .       +
        .       Parent=Smp_147970.1;Name=f87a9245-eb01-4ae4-
b738-828cc96dc374
SM_V9_1 iris    exon    64113725        64113823        .       +
        .       Parent=Smp_147970.1;Name=e96cd675-
de82-410b-8e56-3cb96591e37c
SM_V9_1 iris    exon    64114089        64114162        .       +
        .       Parent=Smp_147970.1;Name=e5c9eaa6-7858-444f-
b50e-706389e1d64a
SM_V9_1 iris    exon    64115116        64115254        .       +
        .       Parent=Smp_147970.1;Name=46fd137e-09f5-4c35-
bc90-918b491e09b7
SM_V9_1 iris    exon    64116404        64116568        .       +
        .       Parent=Smp_147970.1;Name=0ed8271d-22d7-4ee7-
b570-5c6df40ab233
SM_V9_1 iris    exon    64120796        64120991        .       +
        .       Parent=Smp_147970.1;Name=e8f4c06e-a365-44e2-9411-
a33477d032e0
SM_V9_1 iris    exon    64122531        64122605        .       +
        .       Parent=Smp_147970.1;Name=29e60d32-b027-4c12-99ba-
a417e5d4ff8b
SM_V9_1 iris    exon    64123426        64123545        .       +
        .
Parent=Smp_147970.1;Name=741ffbf6-95c8-4599-9129-4e16d3228191
SM_V9_1 iris    exon    64124303        64124428        .       +
        .
Parent=Smp_147970.1;Name=cf8f28c3-4f9e-4218-8654-1a319ddcb4de
```

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SM_V9_1 iris    CDS     64097374        64097423        .       +
        0       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64097456        64097728        .       +
        1       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64099316        64099394        .       +
        1       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64099433        64099528        .       +
        0       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64103510        64103704        .       +
        0       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64104960        64105073        .       +
        0       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64106029        64106237        .       +
        0       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64113725        64113823        .       +
        1       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64114089        64114162        .       +
        1       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64115116        64115254        .       +
        2       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64116404        64116568        .       +
        1       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64120796        64120991        .       +
        1       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64122531        64122605        .       +
        0       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64123426        64123545        .       +
        0       Parent=Smp_147970.1
SM_V9_1 iris    CDS     64124303        64124356        .       +
        0       Parent=Smp_147970.1
SM_V9_1 Liftoff gene    64128515        64135311        .       -
        .       ID=Smp_147960;geneID=Smp_147960
SM_V9_1 Liftoff mRNA    64128515        64135311        .       -
        .
ID=Smp_147960.1;Parent=Smp_147960;geneID=Smp_147960;product=Zinc
finger protein SmZF1;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    64128515        64128605        .       -
        .       Parent=Smp_147960.1
SM_V9_1 Liftoff exon    64129609        64129695        .       -
        .       Parent=Smp_147960.1
SM_V9_1 Liftoff exon    64129737        64129823        .       -
        .       Parent=Smp_147960.1
SM_V9_1 Liftoff exon    64129922        64130008        .       -
        .       Parent=Smp_147960.1
SM_V9_1 Liftoff exon    64133451        64133543        .       -
        .       Parent=Smp_147960.1
SM_V9_1 Liftoff exon    64133580        64133666        .       -
        .       Parent=Smp_147960.1
SM_V9_1 Liftoff exon    64133699        64135311        .       -
        .       Parent=Smp_147960.1
SM_V9_1 Liftoff CDS     64128589        64128605        .       -
        2       Parent=Smp_147960.1
```

```
SM_V9_1 Liftoff CDS     64129609        64129695        .       -
        2       Parent=Smp_147960.1
SM_V9_1 Liftoff CDS     64129737        64129823        .       -
        2       Parent=Smp_147960.1
SM_V9_1 Liftoff CDS     64129922        64130008        .       -
        2       Parent=Smp_147960.1
SM_V9_1 Liftoff CDS     64133451        64133543        .       -
        2       Parent=Smp_147960.1
SM_V9_1 Liftoff CDS     64133580        64133666        .       -
        2       Parent=Smp_147960.1
SM_V9_1 Liftoff CDS     64133699        64133750        .       -
        0       Parent=Smp_147960.1
SM_V9_1 iris    gene    64157443        64178715        .       -
        .
ID=Smp_147950;geneID=Smp_147950;gene_name=Smp_147950;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-18
SM_V9_1 iris    mRNA    64157443        64178715        .       -
        .
ID=Smp_147950.1;Parent=Smp_147950;geneID=Smp_147950;gene_name=Smp_14
7950;owner=irisadmin@local.host;orig_id=Smp_147950.2;date_last_modif
ied=2022-08-01;Name=Smp_147950.1;product=Actin-related protein
5;date_creation=2022-07-18
SM_V9_1 iris    exon    64157443        64157955        .       -
        .       Parent=Smp_147950.1;Name=416ff142-c97d-4afa-954b-
ef16aeba14a6
SM_V9_1 iris    exon    64159432        64160156        .       -
        .       Parent=Smp_147950.1;Name=869279b8-fbed-40c5-
a7ac-611dade25dc0
SM_V9_1 iris    exon    64160757        64160855        .       -
        .       Parent=Smp_147950.1;Name=78950889-
be34-4b35-8c22-62b92afd2ec5
SM_V9_1 iris    exon    64161853        64162380        .       -
        .
Parent=Smp_147950.1;Name=623b23a3-18c6-4774-8c2f-7d98fafa229e
SM_V9_1 iris    exon    64167033        64167076        .       -
        .       Parent=Smp_147950.1;Name=16feaa1b-98c0-4748-af38-
ae4e1950103d
SM_V9_1 iris    exon    64167117        64167225        .       -
        .       Parent=Smp_147950.1;Name=5be5fbd7-1a8f-4779-96e3-
bb5c8b68e6df
SM_V9_1 iris    exon    64167257        64167713        .       -
        .       Parent=Smp_147950.1;Name=efb69b46-1cd6-462f-
bff2-7ab13c5783e1
SM_V9_1 iris    exon    64167750        64168367        .       -
        .       Parent=Smp_147950.1;Name=519fb891-6588-496e-af7d-
bd9d3c677ba2
SM_V9_1 iris    exon    64168402        64168608        .       -
        .       Parent=Smp_147950.1;Name=cb348f09-5e64-408a-
abc5-6b6a2cf4465e
SM_V9_1 iris    exon    64178637        64178715        .       -
        .
Parent=Smp_147950.1;Name=0afd06b2-6219-4c7d-9614-8506d066dfb1
SM_V9_1 iris    CDS     64157845        64157955        .       -
        0       Parent=Smp_147950.1
```

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SM_V9_1 iris    CDS     64159432        64160156        .       -
        2       Parent=Smp_147950.1
SM_V9_1 iris    CDS     64160757        64160855        .       -
        2       Parent=Smp_147950.1
SM_V9_1 iris    CDS     64161853        64162380        .       -
        2       Parent=Smp_147950.1
SM_V9_1 iris    CDS     64167033        64167076        .       -
        1       Parent=Smp_147950.1
SM_V9_1 iris    CDS     64167117        64167225        .       -
        2       Parent=Smp_147950.1
SM_V9_1 iris    CDS     64167257        64167713        .       -
        0       Parent=Smp_147950.1
SM_V9_1 iris    CDS     64167750        64168367        .       -
        0       Parent=Smp_147950.1
SM_V9_1 iris    CDS     64168402        64168593        .       -
        0       Parent=Smp_147950.1
SM_V9_1 iris    mRNA    64160256        64178715        .       -
        .
ID=Smp_147950.2;Parent=Smp_147950;geneID=Smp_147950;gene_name=Smp_14
7950;owner=irisadmin@local.host;orig_id=Smp_147950.3;date_last_modif
ied=2022-08-01;Name=Smp_147950.2;product=Bromodomain-containing
protein 2;date_creation=2022-08-01
SM_V9_1 iris    exon    64160256        64160855        .       -
        .       Parent=Smp_147950.2;Name=dddf96e3-a838-46ac-
beb2-625037e99e2c
SM_V9_1 iris    exon    64161853        64162380        .       -
        .       Parent=Smp_147950.2;Name=a90fabd7-504d-4953-8e5a-
c410dd5791d3
SM_V9_1 iris    exon    64167033        64167076        .       -
        .       Parent=Smp_147950.2;Name=85540076-6f6b-4f74-
a440-329936d2af53
SM_V9_1 iris    exon    64167117        64167225        .       -
        .       Parent=Smp_147950.2;Name=a864033f-3412-43ff-b939-
b317ecddee60
SM_V9_1 iris    exon    64167257        64167713        .       -
        .       Parent=Smp_147950.2;Name=be55ce2a-f8f5-40f2-8192-
d3cb83a52528
SM_V9_1 iris    exon    64167750        64168367        .       -
        .       Parent=Smp_147950.2;Name=ea38bf62-864c-43ea-b63b-
faaaf154a7ae
SM_V9_1 iris    exon    64168402        64168608        .       -
        .       Parent=Smp_147950.2;Name=c7dcb917-6935-40a2-ac54-
db26107b350c
SM_V9_1 iris    exon    64178637        64178715        .       -
        .       Parent=Smp_147950.2;Name=268fd827-94a8-4275-
afae-2597707e9641
SM_V9_1 iris    CDS     64160746        64160855        .       -
        2       Parent=Smp_147950.2
SM_V9_1 iris    CDS     64161853        64162380        .       -
        2       Parent=Smp_147950.2
SM_V9_1 iris    CDS     64167033        64167076        .       -
        1       Parent=Smp_147950.2
SM_V9_1 iris    CDS     64167117        64167225        .       -
        2       Parent=Smp_147950.2
```

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SM_V9_1 iris    CDS     64167257        64167713        .       -
        0       Parent=Smp_147950.2
SM_V9_1 iris    CDS     64167750        64168367        .       -
        0       Parent=Smp_147950.2
SM_V9_1 iris    CDS     64168402        64168593        .       -
        0       Parent=Smp_147950.2
SM_V9_1 iris    gene    64191891        64214753        .       +
        .
ID=Smp_344030;geneID=Smp_344030;gene_name=Smp_344030;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    64191891        64214753        .       +
        .
ID=Smp_344030.1;Parent=Smp_344030;geneID=Smp_344030;gene_name=Smp_34
4030;owner=irisadmin@local.host;orig_id=Smp_344030.1;date_last_modif
ied=2022-07-18;Name=Smp_344030.1;product=Acyl-CoA-binding domain-
containing protein 6;date_creation=2022-07-18
SM_V9_1 iris    exon    64191891        64191966        .       +
        .       Parent=Smp_344030.1;Name=0b03c10e-
bb8a-484e-9f69-4b302c63e3fe
SM_V9_1 iris    exon    64194776        64194895        .       +
        .
Parent=Smp_344030.1;Name=3c20d145-3f25-434a-8717-3cafcf4eb027
SM_V9_1 iris    exon    64203362        64203426        .       +
        .
Parent=Smp_344030.1;Name=d5b47d24-14ce-4e16-9a8a-3761112b76ed
SM_V9_1 iris    exon    64206660        64206756        .       +
        .       Parent=Smp_344030.1;Name=74ee9282-031f-476c-
a60c-64d03b71f227
SM_V9_1 iris    exon    64210768        64210950        .       +
        .       Parent=Smp_344030.1;Name=739eba1d-
ef2f-4877-9a74-919b0dccbc2a
SM_V9_1 iris    exon    64213240        64213360        .       +
        .       Parent=Smp_344030.1;Name=9b175b4a-
ae18-4be6-892f-9758aefc1f5c
SM_V9_1 iris    exon    64214425        64214753        .       +
        .       Parent=Smp_344030.1;Name=8e11ac82-
a653-4b2f-8eea-80bb61a4f895
SM_V9_1 iris    CDS     64191964        64191966        .       +
        0       Parent=Smp_344030.1
SM_V9_1 iris    CDS     64194776        64194895        .       +
        0       Parent=Smp_344030.1
SM_V9_1 iris    CDS     64203362        64203426        .       +
        0       Parent=Smp_344030.1
SM_V9_1 iris    CDS     64206660        64206756        .       +
        1       Parent=Smp_344030.1
SM_V9_1 iris    CDS     64210768        64210950        .       +
        0       Parent=Smp_344030.1
SM_V9_1 iris    CDS     64213240        64213360        .       +
        0       Parent=Smp_344030.1
SM_V9_1 iris    CDS     64214425        64214579        .       +
        2       Parent=Smp_344030.1
SM_V9_1 iris    gene    64236369        64260865        .       -
        .
ID=Smp_048160;geneID=Smp_048160;gene_name=Smp_048160;owner=irisadmin
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    64236369        64260865        .       -
        .
ID=Smp_048160.1;Parent=Smp_048160;geneID=Smp_048160;gene_name=Smp_04
8160;owner=irisadmin@local.host;orig_id=Smp_048160.1;date_last_modif
ied=2022-07-18;Name=Smp_048160.1;product=Protein split
ends;date_creation=2022-07-18
SM_V9_1 iris    exon    64236369        64237162        .       -
        .       Parent=Smp_048160.1;Name=f6d4b7ac-4f95-4a97-9324-
a5f0c1e012a5
SM_V9_1 iris    exon    64238965        64239420        .       -
        .       Parent=Smp_048160.1;Name=a51fbfb4-a101-4e2e-8852-
a4aa6de20ce1
SM_V9_1 iris    exon    64242477        64243196        .       -
        .       Parent=Smp_048160.1;Name=7378004c-2e79-4301-
b152-64ffdc721fe9
SM_V9_1 iris    exon    64247232        64252764        .       -
        .       Parent=Smp_048160.1;Name=a6c48c64-0946-4b90-
a47c-27ed8e9694c5
SM_V9_1 iris    exon    64254281        64255648        .       -
        .
Parent=Smp_048160.1;Name=eceafda0-4fa6-47aa-964a-3beac2d4d984
SM_V9_1 iris    exon    64258829        64258900        .       -
        .       Parent=Smp_048160.1;Name=3bbd9106-d666-47ee-
b81e-31576a727954
SM_V9_1 iris    exon    64258971        64259419        .       -
        .       Parent=Smp_048160.1;Name=2ba33015-3b43-4882-84ab-
c7ac929f4a7f
SM_V9_1 iris    exon    64259457        64259608        .       -
        .       Parent=Smp_048160.1;Name=5cea2b66-f77a-48ed-b5bf-
ba66bb06bbb0
SM_V9_1 iris    exon    64259645        64259970        .       -
        .
Parent=Smp_048160.1;Name=918a87b8-7c0e-4fe8-9668-96dfc78bde9d
SM_V9_1 iris    exon    64260016        64260129        .       -
        .       Parent=Smp_048160.1;Name=7a6ee996-f147-47cf-bb0e-
bd1000897bc8
SM_V9_1 iris    exon    64260171        64260395        .       -
        .       Parent=Smp_048160.1;Name=57964adc-d85e-49cd-8b52-
befe17bd4a71
SM_V9_1 iris    exon    64260528        64260865        .       -
        .       Parent=Smp_048160.1;Name=3e46c878-bbf5-44c8-b766-
d19a39ef0ee7
SM_V9_1 iris    CDS     64237028        64237162        .       -
        0       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64238965        64239420        .       -
        0       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64242477        64243196        .       -
        0       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64247232        64252764        .       -
        1       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64254281        64255648        .       -
        1       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64258829        64258900        .       -
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        1       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64258971        64259419        .       -
        0       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64259457        64259608        .       -
        2       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64259645        64259970        .       -
        1       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64260016        64260129        .       -
        1       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64260171        64260395        .       -
        1       Parent=Smp_048160.1
SM_V9_1 iris    CDS     64260528        64260607        .       -
        0       Parent=Smp_048160.1
SM_V9_1 Liftoff gene    64299123        64333837        .       +
        .       ID=Smp_147920;geneID=Smp_147920
SM_V9_1 Liftoff mRNA    64299123        64333837        .       +
        .
ID=Smp_147920.1;Parent=Smp_147920;geneID=Smp_147920;product=Ubiquiti
n carboxyl-terminal hydrolase
calypso;polypeptide_domain=InterPro:IPR001578
Pfam:PF01088;Ontology_term=GO:0004843,GO:0005622,GO:0006511
SM_V9_1 Liftoff exon    64299123        64306500        .       +
        .       Parent=Smp_147920.1
SM_V9_1 Liftoff exon    64316029        64316817        .       +
        .       Parent=Smp_147920.1
SM_V9_1 Liftoff exon    64322123        64322583        .       +
        .       Parent=Smp_147920.1
SM_V9_1 Liftoff exon    64326292        64326973        .       +
        .       Parent=Smp_147920.1
SM_V9_1 Liftoff exon    64328975        64329473        .       +
        .       Parent=Smp_147920.1
SM_V9_1 Liftoff exon    64331900        64333837        .       +
        .       Parent=Smp_147920.1
SM_V9_1 Liftoff CDS     64306324        64306500        .       +
        0       Parent=Smp_147920.1
SM_V9_1 Liftoff CDS     64316029        64316817        .       +
        0       Parent=Smp_147920.1
SM_V9_1 Liftoff CDS     64322123        64322583        .       +
        0       Parent=Smp_147920.1
SM_V9_1 Liftoff CDS     64326292        64326973        .       +
        1       Parent=Smp_147920.1
SM_V9_1 Liftoff CDS     64328975        64329473        .       +
        0       Parent=Smp_147920.1
SM_V9_1 Liftoff CDS     64331900        64333515        .       +
        2       Parent=Smp_147920.1
SM_V9_1 Liftoff gene    64338176        64394791        .       -
        .
ID=Smp_147890;geneID=Smp_147890;previous_systematic_id=Smp_147880
SM_V9_1 Liftoff mRNA    64338176        64394791        .       -
        .
ID=Smp_147890.1;Parent=Smp_147890;geneID=Smp_147890;product=Rootleti
n;polypeptide_domain=Pfam:PF15035
SM_V9_1 Liftoff exon    64338176        64338878        .       -
        .       Parent=Smp_147890.1
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SM_V9_1 Liftoff exon    64341311        64341331        .       -
        .       Parent=Smp_147890.1
SM_V9_1 Liftoff exon    64343234        64343413        .       -
        .       Parent=Smp_147890.1
SM_V9_1 Liftoff exon    64345209        64345487        .       -
        .       Parent=Smp_147890.1
SM_V9_1 Liftoff exon    64351950        64352153        .       -
        .       Parent=Smp_147890.1
SM_V9_1 Liftoff exon    64353356        64353574        .       -
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        .       Parent=Smp_147890.1
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        .       Parent=Smp_147890.1
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        .       Parent=Smp_147890.1
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SM_V9_1 Liftoff exon    64375970        64376593        .       -
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SM_V9_1 Liftoff exon    64376820        64377160        .       -
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SM_V9_1 Liftoff exon    64383348        64383726        .       -
        .       Parent=Smp_147890.1
SM_V9_1 Liftoff exon    64384094        64384161        .       -
        .       Parent=Smp_147890.1
SM_V9_1 Liftoff exon    64388490        64388567        .       -
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SM_V9_1 Liftoff exon    64389660        64389854        .       -
        .       Parent=Smp_147890.1
SM_V9_1 Liftoff exon    64394722        64394791        .       -
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SM_V9_1 Liftoff CDS     64359192        64359458        .       -
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        2       Parent=Smp_147890.1
SM_V9_1 Liftoff CDS     64365398        64365759        .       -
        1       Parent=Smp_147890.1
SM_V9_1 Liftoff CDS     64366495        64366754        .       -
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SM_V9_1 Liftoff CDS     64369379        64369665        .       -
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SM_V9_1 Liftoff CDS     64370815        64371145        .       -
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SM_V9_1 Liftoff CDS     64375970        64376593        .       -
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SM_V9_1 Liftoff CDS     64376820        64377160        .       -
        2       Parent=Smp_147890.1
SM_V9_1 Liftoff CDS     64379496        64379733        .       -
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        1       Parent=Smp_147890.1
SM_V9_1 Liftoff CDS     64384094        64384161        .       -
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SM_V9_1 Liftoff CDS     64394722        64394766        .       -
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SM_V9_1 Liftoff exon    64343234        64343413        .       -
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SM_V9_1 Liftoff exon    64345209        64345487        .       -
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SM_V9_1 Liftoff exon    64351950        64352153        .       -
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SM_V9_1 Liftoff exon    64353356        64353574        .       -
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SM_V9_1 Liftoff exon    64365398        64365759        .       -
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SM_V9_1 Liftoff exon    64366495        64366754        .       -
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SM_V9_1 Liftoff exon    64369379        64369665        .       -
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SM_V9_1 Liftoff exon    64370815        64371145        .       -
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SM_V9_1 Liftoff exon    64372337        64372615        .       -
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SM_V9_1 Liftoff exon    64376820        64377160        .       -
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SM_V9_1 Liftoff exon    64379496        64379733        .       -
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SM_V9_1 Liftoff exon    64383348        64383726        .       -
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SM_V9_1 Liftoff exon    64384094        64384161        .       -
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SM_V9_1 Liftoff exon    64388490        64388567        .       -
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SM_V9_1 Liftoff exon    64389660        64389854        .       -
        .       Parent=Smp_147890.2
SM_V9_1 Liftoff exon    64394722        64394791        .       -
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SM_V9_1 Liftoff CDS     64338585        64338878        .       -
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SM_V9_1 Liftoff CDS     64345209        64345487        .       -
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SM_V9_1 Liftoff CDS     64351950        64352153        .       -
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SM_V9_1 Liftoff CDS     64355543        64355764        .       -
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SM_V9_1 Liftoff CDS     64356574        64356737        .       -
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SM_V9_1 Liftoff CDS     64359192        64359458        .       -
        2       Parent=Smp_147890.2
SM_V9_1 Liftoff CDS     64360568        64361016        .       -
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SM_V9_1 Liftoff CDS     64362271        64362538        .       -
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SM_V9_1 Liftoff CDS     64366495        64366754        .       -
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SM_V9_1 Liftoff CDS     64369379        64369665        .       -
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SM_V9_1 Liftoff CDS     64370815        64371145        .       -
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SM_V9_1 Liftoff CDS     64375970        64376593        .       -
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SM_V9_1 Liftoff CDS     64376820        64377160        .       -
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SM_V9_1 Liftoff CDS     64379496        64379733        .       -
        0       Parent=Smp_147890.2
SM_V9_1 Liftoff CDS     64383348        64383726        .       -
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SM_V9_1 Liftoff CDS     64384094        64384161        .       -
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SM_V9_1 Liftoff CDS     64388490        64388567        .       -
        0       Parent=Smp_147890.2
SM_V9_1 Liftoff CDS     64389660        64389854        .       -
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SM_V9_1 Liftoff CDS     64394722        64394766        .       -
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2C;polypeptide_domain=InterPro:IPR000222,IPR001932
Pfam:PF00481;Ontology_term=GO:0003824,GO:0043169
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SM_V9_1 Liftoff exon    64425934        64425990        .       +
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SM_V9_1 Liftoff exon    64426028        64426148        .       +
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SM_V9_1 Liftoff exon    64426188        64426294        .       +
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SM_V9_1 Liftoff exon    64441646        64441739        .       +
        .       Parent=Smp_213930.1
SM_V9_1 Liftoff exon    64441799        64441886        .       +
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SM_V9_1 Liftoff exon    64443367        64443656        .       +
        .       Parent=Smp_213930.1
SM_V9_1 Liftoff exon    64447089        64447221        .       +
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SM_V9_1 Liftoff exon    64447963        64448345        .       +
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SM_V9_1 Liftoff CDS     64426028        64426148        .       +
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SM_V9_1 Liftoff CDS     64443367        64443656        .       +
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SM_V9_1 Liftoff CDS     64447089        64447221        .       +
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SM_V9_1 Liftoff CDS     64447963        64448193        .       +
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SM_V9_1 Liftoff exon    64452241        64452830        .       +
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SM_V9_1 Liftoff CDS     64448680        64449051        .       +
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SM_V9_1 Liftoff CDS     64449709        64449866        .       +
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SM_V9_1 Liftoff CDS     64451031        64451174        .       +
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        .       Parent=Smp_344020.1
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SM_V9_1 Liftoff exon    64477318        64477549        .       -
        .       Parent=Smp_344020.1
SM_V9_1 Liftoff exon    64485121        64485293        .       -
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SM_V9_1 Liftoff exon    64493935        64494209        .       -
        .       Parent=Smp_344020.1
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        .       Parent=Smp_344020.1
SM_V9_1 Liftoff exon    64531026        64533485        .       -
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SM_V9_1 Liftoff CDS     64470960        64471310        .       -
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SM_V9_1 Liftoff CDS     64498222        64498573        .       -
        0       Parent=Smp_344020.1
SM_V9_1 Liftoff CDS     64531026        64533182        .       -
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ied=2022-07-18;Name=Smp_048080.1;product=Aminopeptidase
N;date_creation=2022-07-18
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SM_V9_1 iris    exon    64607574        64607678        .       -
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        .
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SM_V9_1 iris    exon    64620668        64620774        .       -
        .       Parent=Smp_048080.1;Name=253254ee-06d2-4f61-
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SM_V9_1 iris    exon    64622630        64622704        .       -
        .
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        .
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SM_V9_1 iris    exon    64626106        64626204        .       -
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SM_V9_1 iris    exon    64629187        64629527        .       -
        .       Parent=Smp_048080.1;Name=e252bde1-c67b-4e43-bf81-
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SM_V9_1 iris    CDS     64607574        64607678        .       -
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SM_V9_1 iris    CDS     64610498        64610600        .       -
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SM_V9_1 iris    CDS     64612587        64612699        .       -
        0       Parent=Smp_048080.1
SM_V9_1 iris    CDS     64613876        64613949        .       -
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SM_V9_1 iris    CDS     64615895        64615987        .       -
        2       Parent=Smp_048080.1
SM_V9_1 iris    CDS     64617818        64617950        .       -
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SM_V9_1 iris    CDS     64618500        64618680        .       -
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SM_V9_1 iris    CDS     64620668        64620774        .       -
        0       Parent=Smp_048080.1
SM_V9_1 iris    CDS     64622630        64622704        .       -
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SM_V9_1 iris    exon    64636336        64636554        .       -
        .
Parent=Smp_147850.1;Name=e67e2cf1-5b82-4bec-8292-4b9ea7118466
SM_V9_1 iris    exon    64637209        64637288        .       -
        .       Parent=Smp_147850.1;Name=c1967f33-4c08-4ab7-
bd51-923e8040a051
SM_V9_1 iris    exon    64637588        64637720        .       -
        .       Parent=Smp_147850.1;Name=e982417d-7214-4d48-
a251-0552130c8933
SM_V9_1 iris    exon    64640800        64640943        .       -
        .       Parent=Smp_147850.1;Name=8409388d-f87f-4dfa-
aaf8-2b715cc5182a
SM_V9_1 iris    exon    64641039        64641258        .       -
        .
Parent=Smp_147850.1;Name=3a23fe59-613b-424f-82a5-66c9c28c7441
SM_V9_1 iris    exon    64642586        64643002        .       -
        .       Parent=Smp_147850.1;Name=4c2a3337-e47f-4364-8639-
c2327f64f6d2
SM_V9_1 iris    exon    64644978        64645208        .       -
        .       Parent=Smp_147850.1;Name=4613cb82-
ca9b-4d34-897c-71396cd3a00b
SM_V9_1 iris    exon    64645597        64645683        .       -
        .       Parent=Smp_147850.1;Name=b2d6b249-a86e-4277-a43c-
ac254eb5ff7f
SM_V9_1 iris    exon    64646876        64646996        .       -
        .       Parent=Smp_147850.1;Name=55e2034d-
b3b2-4809-9e6a-2a4a2a68c644
SM_V9_1 iris    exon    64647031        64647160        .       -
        .       Parent=Smp_147850.1;Name=09c31f97-1ca9-4ec3-a6fa-
bdabd196014e
SM_V9_1 iris    exon    64647196        64647317        .       -
        .       Parent=Smp_147850.1;Name=1b0eea5d-17e5-4cb5-
a9d6-704c1525d8c0
SM_V9_1 iris    CDS     64634067        64634426        .       -
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        0       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64636336        64636554        .       -
        0       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64637209        64637288        .       -
        2       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64637588        64637720        .       -
        0       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64640800        64640943        .       -
        0       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64641039        64641258        .       -
        1       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64642586        64643002        .       -
        1       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64644978        64645208        .       -
        1       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64645597        64645683        .       -
        1       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64646876        64646996        .       -
        2       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64647031        64647160        .       -
        0       Parent=Smp_147850.1
SM_V9_1 iris    CDS     64647196        64647264        .       -
        0       Parent=Smp_147850.1
SM_V9_1 Liftoff gene    64669115        64728816        .       +
        .       ID=Smp_048050;geneID=Smp_048050
SM_V9_1 Liftoff mRNA    64669115        64670987        .       +
        .
ID=Smp_048050.1;Parent=Smp_048050;geneID=Smp_048050;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64669115        64669416        .       +
        .       Parent=Smp_048050.1
SM_V9_1 Liftoff exon    64669863        64670033        .       +
        .       Parent=Smp_048050.1
SM_V9_1 Liftoff exon    64670123        64670320        .       +
        .       Parent=Smp_048050.1
SM_V9_1 Liftoff exon    64670414        64670549        .       +
        .       Parent=Smp_048050.1
SM_V9_1 Liftoff exon    64670640        64670987        .       +
        .       Parent=Smp_048050.1
SM_V9_1 Liftoff CDS     64669186        64669416        .       +
        0       Parent=Smp_048050.1
SM_V9_1 Liftoff CDS     64669863        64670033        .       +
        0       Parent=Smp_048050.1
SM_V9_1 Liftoff CDS     64670123        64670320        .       +
        0       Parent=Smp_048050.1
SM_V9_1 Liftoff CDS     64670414        64670549        .       +
        0       Parent=Smp_048050.1
SM_V9_1 Liftoff CDS     64670640        64670935        .       +
        2       Parent=Smp_048050.1
SM_V9_1 Liftoff mRNA    64669133        64728816        .       +
        .
ID=Smp_048050.2;Parent=Smp_048050;geneID=Smp_048050;product=Major
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egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64669133        64669416        .       +
        .       Parent=Smp_048050.2
SM_V9_1 Liftoff exon    64669863        64670033        .       +
        .       Parent=Smp_048050.2
SM_V9_1 Liftoff exon    64727956        64728153        .       +
        .       Parent=Smp_048050.2
SM_V9_1 Liftoff exon    64728247        64728382        .       +
        .       Parent=Smp_048050.2
SM_V9_1 Liftoff exon    64728473        64728816        .       +
        .       Parent=Smp_048050.2
SM_V9_1 Liftoff CDS     64669186        64669416        .       +
        0       Parent=Smp_048050.2
SM_V9_1 Liftoff CDS     64669863        64670033        .       +
        0       Parent=Smp_048050.2
SM_V9_1 Liftoff CDS     64727956        64728153        .       +
        0       Parent=Smp_048050.2
SM_V9_1 Liftoff CDS     64728247        64728382        .       +
        0       Parent=Smp_048050.2
SM_V9_1 Liftoff CDS     64728473        64728768        .       +
        2       Parent=Smp_048050.2
SM_V9_1 Liftoff gene    64677275        64679026        .       +
        .
ID=Smp_302270;geneID=Smp_302270;previous_systematic_id=Smp_049250
SM_V9_1 Liftoff mRNA    64677275        64679026        .       +
        .
ID=Smp_302270.1;Parent=Smp_302270;geneID=Smp_302270;product=Major
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antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64677275        64677550        .       +
        .       Parent=Smp_302270.1
SM_V9_1 Liftoff exon    64677717        64677887        .       +
        .       Parent=Smp_302270.1
SM_V9_1 Liftoff exon    64677996        64678193        .       +
        .       Parent=Smp_302270.1
SM_V9_1 Liftoff exon    64678322        64678466        .       +
        .       Parent=Smp_302270.1
SM_V9_1 Liftoff exon    64678599        64679026        .       +
        .       Parent=Smp_302270.1
SM_V9_1 Liftoff CDS     64677308        64677550        .       +
        0       Parent=Smp_302270.1
SM_V9_1 Liftoff CDS     64677717        64677887        .       +
        0       Parent=Smp_302270.1
SM_V9_1 Liftoff CDS     64677996        64678193        .       +
        0       Parent=Smp_302270.1
SM_V9_1 Liftoff CDS     64678322        64678466        .       +
        0       Parent=Smp_302270.1
SM_V9_1 Liftoff CDS     64678599        64678906        .       +
        2       Parent=Smp_302270.1
SM_V9_1 Liftoff gene    64687980        64689801        .       -
        .       ID=Smp_049230;geneID=Smp_049230
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SM_V9_1 Liftoff mRNA    64687980        64689801        .       -
        .
ID=Smp_049230.1;Parent=Smp_049230;geneID=Smp_049230;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64687980        64688327        .       -
        .       Parent=Smp_049230.1
SM_V9_1 Liftoff exon    64688418        64688553        .       -
        .       Parent=Smp_049230.1
SM_V9_1 Liftoff exon    64688647        64688844        .       -
        .       Parent=Smp_049230.1
SM_V9_1 Liftoff exon    64688934        64689104        .       -
        .       Parent=Smp_049230.1
SM_V9_1 Liftoff exon    64689551        64689801        .       -
        .       Parent=Smp_049230.1
SM_V9_1 Liftoff CDS     64688032        64688327        .       -
        2       Parent=Smp_049230.1
SM_V9_1 Liftoff CDS     64688418        64688553        .       -
        0       Parent=Smp_049230.1
SM_V9_1 Liftoff CDS     64688647        64688844        .       -
        0       Parent=Smp_049230.1
SM_V9_1 Liftoff CDS     64688934        64689104        .       -
        0       Parent=Smp_049230.1
SM_V9_1 Liftoff CDS     64689551        64689781        .       -
        0       Parent=Smp_049230.1
SM_V9_1 Liftoff gene    64697527        64699281        .       -
        .
ID=Smp_302280;geneID=Smp_302280;previous_systematic_id=Smp_049250
SM_V9_1 Liftoff mRNA    64697527        64699281        .       -
        .
ID=Smp_302280.1;Parent=Smp_302280;geneID=Smp_302280;product=Major
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antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64697527        64697954        .       -
        .       Parent=Smp_302280.1
SM_V9_1 Liftoff exon    64698087        64698231        .       -
        .       Parent=Smp_302280.1
SM_V9_1 Liftoff exon    64698360        64698557        .       -
        .       Parent=Smp_302280.1
SM_V9_1 Liftoff exon    64698666        64698836        .       -
        .       Parent=Smp_302280.1
SM_V9_1 Liftoff exon    64699003        64699281        .       -
        .       Parent=Smp_302280.1
SM_V9_1 Liftoff CDS     64697647        64697954        .       -
        2       Parent=Smp_302280.1
SM_V9_1 Liftoff CDS     64698087        64698231        .       -
        0       Parent=Smp_302280.1
SM_V9_1 Liftoff CDS     64698360        64698557        .       -
        0       Parent=Smp_302280.1
SM_V9_1 Liftoff CDS     64698666        64698836        .       -
        0       Parent=Smp_302280.1
SM_V9_1 Liftoff CDS     64699003        64699245        .       -
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        0       Parent=Smp_302280.1
SM_V9_1 Liftoff gene    64733265        64734983        .       +
        .
ID=Smp_302290;geneID=Smp_302290;previous_systematic_id=Smp_049250
SM_V9_1 Liftoff mRNA    64733265        64734983        .       +
        .
ID=Smp_302290.1;Parent=Smp_302290;geneID=Smp_302290;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64733265        64733544        .       +
        .       Parent=Smp_302290.1
SM_V9_1 Liftoff exon    64733711        64733881        .       +
        .       Parent=Smp_302290.1
SM_V9_1 Liftoff exon    64733990        64734187        .       +
        .       Parent=Smp_302290.1
SM_V9_1 Liftoff exon    64734316        64734460        .       +
        .       Parent=Smp_302290.1
SM_V9_1 Liftoff exon    64734593        64734983        .       +
        .       Parent=Smp_302290.1
SM_V9_1 Liftoff CDS     64733302        64733544        .       +
        0       Parent=Smp_302290.1
SM_V9_1 Liftoff CDS     64733711        64733881        .       +
        0       Parent=Smp_302290.1
SM_V9_1 Liftoff CDS     64733990        64734187        .       +
        0       Parent=Smp_302290.1
SM_V9_1 Liftoff CDS     64734316        64734460        .       +
        0       Parent=Smp_302290.1
SM_V9_1 Liftoff CDS     64734593        64734900        .       +
        2       Parent=Smp_302290.1
SM_V9_1 Liftoff gene    64738915        64741587        .       +
        .
ID=Smp_247170;geneID=Smp_247170;previous_systematic_id=Smp_148530
SM_V9_1 Liftoff mRNA    64738915        64741587        .       +
        .
ID=Smp_247170.1;Parent=Smp_247170;geneID=Smp_247170;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64738915        64739230        .       +
        .       Parent=Smp_247170.1
SM_V9_1 Liftoff exon    64739510        64739683        .       +
        .       Parent=Smp_247170.1
SM_V9_1 Liftoff exon    64739789        64739986        .       +
        .       Parent=Smp_247170.1
SM_V9_1 Liftoff exon    64740817        64740961        .       +
        .       Parent=Smp_247170.1
SM_V9_1 Liftoff exon    64741119        64741587        .       +
        .       Parent=Smp_247170.1
SM_V9_1 Liftoff CDS     64738976        64739230        .       +
        0       Parent=Smp_247170.1
SM_V9_1 Liftoff CDS     64739510        64739683        .       +
        0       Parent=Smp_247170.1
SM_V9_1 Liftoff CDS     64739789        64739986        .       +
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        0       Parent=Smp_247170.1
SM_V9_1 Liftoff CDS     64740817        64740961        .       +
        0       Parent=Smp_247170.1
SM_V9_1 Liftoff CDS     64741119        64741441        .       +
        2       Parent=Smp_247170.1
SM_V9_1 iris    gene    64756475        64761772        .       +
        .
ID=Smp_247180;geneID=Smp_247180;gene_name=Smp_247180;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    64756475        64761772        .       +
        .
ID=Smp_247180.1;Parent=Smp_247180;geneID=Smp_247180;gene_name=Smp_24
7180;owner=irisadmin@local.host;orig_id=Smp_247180.1;date_last_modif
ied=2022-07-18;Name=Smp_247180.1;product=Major egg
antigen;date_creation=2022-07-18
SM_V9_1 iris    exon    64756475        64756872        .       +
        .       Parent=Smp_247180.1;Name=6edffeeb-
d30d-4741-9955-78cca3ccdae7
SM_V9_1 iris    exon    64759187        64759375        .       +
        .       Parent=Smp_247180.1;Name=14e31d07-43aa-4258-
b8e0-837d8319da76
SM_V9_1 iris    exon    64759444        64759641        .       +
        .       Parent=Smp_247180.1;Name=0e69f46f-88dd-4509-
a63f-025d8fa5a05f
SM_V9_1 iris    exon    64760686        64760830        .       +
        .       Parent=Smp_247180.1;Name=4a78d14d-4dc4-4b41-9039-
f0839131ae0b
SM_V9_1 iris    exon    64761225        64761772        .       +
        .       Parent=Smp_247180.1;Name=9fc1be86-
d590-467f-8b1d-28f43f4892e8
SM_V9_1 iris    CDS     64756645        64756872        .       +
        0       Parent=Smp_247180.1
SM_V9_1 iris    CDS     64759187        64759375        .       +
        0       Parent=Smp_247180.1
SM_V9_1 iris    CDS     64759444        64759641        .       +
        0       Parent=Smp_247180.1
SM_V9_1 iris    CDS     64760686        64760830        .       +
        0       Parent=Smp_247180.1
SM_V9_1 iris    CDS     64761225        64761517        .       +
        2       Parent=Smp_247180.1
SM_V9_1 Liftoff gene    64794255        64830938        .       +
        .       ID=Smp_049270;geneID=Smp_049270
SM_V9_1 Liftoff mRNA    64794255        64830938        .       +
        .
ID=Smp_049270.1;Parent=Smp_049270;geneID=Smp_049270;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64794255        64794801        .       +
        .       Parent=Smp_049270.1
SM_V9_1 Liftoff exon    64808733        64809200        .       +
        .       Parent=Smp_049270.1
SM_V9_1 Liftoff exon    64822193        64822390        .       +
        .       Parent=Smp_049270.1
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SM_V9_1 Liftoff exon    64824988        64825144        .       +
        .       Parent=Smp_049270.1
SM_V9_1 Liftoff exon    64829818        64830938        .       +
        .       Parent=Smp_049270.1
SM_V9_1 Liftoff CDS     64794505        64794801        .       +
        0       Parent=Smp_049270.1
SM_V9_1 Liftoff CDS     64808733        64809200        .       +
        0       Parent=Smp_049270.1
SM_V9_1 Liftoff CDS     64822193        64822390        .       +
        0       Parent=Smp_049270.1
SM_V9_1 Liftoff CDS     64824988        64825144        .       +
        0       Parent=Smp_049270.1
SM_V9_1 Liftoff CDS     64829818        64830101        .       +
        2       Parent=Smp_049270.1
SM_V9_1 Liftoff gene    64836325        64837370        .       +
        .
ID=Smp_302300;geneID=Smp_302300;previous_systematic_id=Smp_049280
SM_V9_1 Liftoff mRNA    64836325        64837370        .       +
        .
ID=Smp_302300.1;Parent=Smp_302300;geneID=Smp_302300;product=Neurogen
ic locus notch homolog protein
1;polypeptide_domain=InterPro:IPR011042
SM_V9_1 Liftoff exon    64836325        64837370        .       +
        .       Parent=Smp_302300.1
SM_V9_1 Liftoff CDS     64836434        64837324        .       +
        0       Parent=Smp_302300.1
SM_V9_1 Liftoff gene    64844905        64850863        .       +
        .
ID=Smp_302310;geneID=Smp_302310;previous_systematic_id=Smp_049280
SM_V9_1 Liftoff mRNA    64844905        64850863        .       +
        .
ID=Smp_302310.1;Parent=Smp_302310;geneID=Smp_302310;product=Cadherin
-related tumor
suppressor;polypeptide_domain=InterPro:IPR000742,IPR000884,IPR013032
Pfam:PF00090
SM_V9_1 Liftoff exon    64844905        64846355        .       +
        .       Parent=Smp_302310.1
SM_V9_1 Liftoff exon    64849266        64849386        .       +
        .       Parent=Smp_302310.1
SM_V9_1 Liftoff exon    64850418        64850863        .       +
        .       Parent=Smp_302310.1
SM_V9_1 Liftoff CDS     64846216        64846355        .       +
        0       Parent=Smp_302310.1
SM_V9_1 Liftoff CDS     64849266        64849386        .       +
        1       Parent=Smp_302310.1
SM_V9_1 Liftoff CDS     64850418        64850819        .       +
        0       Parent=Smp_302310.1
SM_V9_1 Liftoff mRNA    64848985        64850863        .       +
        .
ID=Smp_302310.2;Parent=Smp_302310;geneID=Smp_302310;product=Netrin
receptor UNC5B-
a;polypeptide_domain=InterPro:IPR000742,IPR000884,IPR013032
Pfam:PF00090
SM_V9_1 Liftoff exon    64848985        64849102        .       +
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        .       Parent=Smp_302310.2
SM_V9_1 Liftoff exon    64849241        64849386        .       +
        .       Parent=Smp_302310.2
SM_V9_1 Liftoff exon    64850418        64850863        .       +
        .       Parent=Smp_302310.2
SM_V9_1 Liftoff CDS     64849045        64849102        .       +
        0       Parent=Smp_302310.2
SM_V9_1 Liftoff CDS     64849241        64849386        .       +
        2       Parent=Smp_302310.2
SM_V9_1 Liftoff CDS     64850418        64850819        .       +
        0       Parent=Smp_302310.2
SM_V9_1 iris    gene    64854059        64858716        .       -
        .
ID=Smp_148540;geneID=Smp_148540;gene_name=Smp_148540;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_1 iris    mRNA    64854059        64858716        .       -
        .
ID=Smp_148540.1;Parent=Smp_148540;geneID=Smp_148540;gene_name=Smp_14
8540;owner=irisadmin@local.host;orig_id=Smp_148540.1;date_last_modif
ied=2022-09-30;Name=Smp_148540.1;product=Elongation factor Ts,
mitochondrial;date_creation=2022-09-30
SM_V9_1 iris    exon    64854059        64854723        .       -
        .       Parent=Smp_148540.1;Name=a848b2e8-3625-4e12-a888-
da45430ee9f9
SM_V9_1 iris    exon    64856628        64856903        .       -
        .       Parent=Smp_148540.1;Name=3f1574bb-c1bf-4ffc-
a30a-6ada69f76b0e
SM_V9_1 iris    exon    64858241        64858716        .       -
        .       Parent=Smp_148540.1;Name=c0bb53dc-
d0fe-43d6-8d4b-13ba3351598f
SM_V9_1 iris    CDS     64854451        64854723        .       -
        0       Parent=Smp_148540.1
SM_V9_1 iris    CDS     64856628        64856903        .       -
        0       Parent=Smp_148540.1
SM_V9_1 iris    CDS     64858241        64858636        .       -
        0       Parent=Smp_148540.1
SM_V9_1 Liftoff gene    64868470        64870211        .       -
        .
ID=Smp_302320;geneID=Smp_302320;previous_systematic_id=Smp_049300,Sm
p_186020
SM_V9_1 Liftoff mRNA    64868470        64870211        .       -
        .
ID=Smp_302320.1;Parent=Smp_302320;geneID=Smp_302320;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64868470        64868860        .       -
        .       Parent=Smp_302320.1
SM_V9_1 Liftoff exon    64868993        64869137        .       -
        .       Parent=Smp_302320.1
SM_V9_1 Liftoff exon    64869285        64869482        .       -
        .       Parent=Smp_302320.1
SM_V9_1 Liftoff exon    64869591        64869761        .       -
        .       Parent=Smp_302320.1
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SM_V9_1 Liftoff exon    64869928        64870211        .       -
        .       Parent=Smp_302320.1
SM_V9_1 Liftoff CDS     64868553        64868860        .       -
        2       Parent=Smp_302320.1
SM_V9_1 Liftoff CDS     64868993        64869137        .       -
        0       Parent=Smp_302320.1
SM_V9_1 Liftoff CDS     64869285        64869482        .       -
        0       Parent=Smp_302320.1
SM_V9_1 Liftoff CDS     64869591        64869761        .       -
        0       Parent=Smp_302320.1
SM_V9_1 Liftoff CDS     64869928        64870170        .       -
        0       Parent=Smp_302320.1
SM_V9_1 iris    gene    64873523        64879491        .       +
        .
ID=Smp_302330;geneID=Smp_302330;gene_name=Smp_302330;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    64873523        64879491        .       +
        .
ID=Smp_302330.1;Parent=Smp_302330;geneID=Smp_302330;gene_name=Smp_30
2330;owner=irisadmin@local.host;orig_id=Smp_302330.1;date_last_modif
ied=2022-07-18;Name=Smp_302330.1;product=Phosphatidate
cytidylyltransferase, mitochondrial;date_creation=2022-07-18
SM_V9_1 iris    exon    64873523        64873575        .       +
        .       Parent=Smp_302330.1;Name=26651836-d1c4-49e5-95cb-
e76f00f2f259
SM_V9_1 iris    exon    64877829        64879491        .       +
        .
Parent=Smp_302330.1;Name=9daaa336-0f49-4e73-975f-46f13904a220
SM_V9_1 iris    CDS     64878140        64879255        .       +
        0       Parent=Smp_302330.1
SM_V9_1 Liftoff gene    64885859        64890667        .       -
        .
ID=Smp_302350;geneID=Smp_302350;previous_systematic_id=Smp_049300,Sm
p_186020
SM_V9_1 Liftoff mRNA    64885859        64890667        .       -
        .
ID=Smp_302350.1;Parent=Smp_302350;geneID=Smp_302350;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64885859        64886249        .       -
        .       Parent=Smp_302350.1
SM_V9_1 Liftoff exon    64886380        64886524        .       -
        .       Parent=Smp_302350.1
SM_V9_1 Liftoff exon    64886672        64886869        .       -
        .       Parent=Smp_302350.1
SM_V9_1 Liftoff exon    64890047        64890217        .       -
        .       Parent=Smp_302350.1
SM_V9_1 Liftoff exon    64890384        64890667        .       -
        .       Parent=Smp_302350.1
SM_V9_1 Liftoff CDS     64885942        64886249        .       -
        2       Parent=Smp_302350.1
SM_V9_1 Liftoff CDS     64886380        64886524        .       -
        0       Parent=Smp_302350.1
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SM_V9_1 Liftoff CDS     64886672        64886869        .       -
        0       Parent=Smp_302350.1
SM_V9_1 Liftoff CDS     64890047        64890217        .       -
        0       Parent=Smp_302350.1
SM_V9_1 Liftoff CDS     64890384        64890626        .       -
        0       Parent=Smp_302350.1
SM_V9_1 Liftoff mRNA    64885859        64890667        .       -
        .
ID=Smp_302350.2;Parent=Smp_302350;geneID=Smp_302350;product=Major
egg
antigen;polypeptide_domain=InterPro:IPR001436,IPR002068,IPR008978
Pfam:PF00011
SM_V9_1 Liftoff exon    64885859        64886249        .       -
        .       Parent=Smp_302350.2
SM_V9_1 Liftoff exon    64886380        64886524        .       -
        .       Parent=Smp_302350.2
SM_V9_1 Liftoff exon    64886672        64886869        .       -
        .       Parent=Smp_302350.2
SM_V9_1 Liftoff exon    64886978        64887148        .       -
        .       Parent=Smp_302350.2
SM_V9_1 Liftoff exon    64889741        64889938        .       -
        .       Parent=Smp_302350.2
SM_V9_1 Liftoff exon    64890047        64890217        .       -
        .       Parent=Smp_302350.2
SM_V9_1 Liftoff exon    64890384        64890667        .       -
        .       Parent=Smp_302350.2
SM_V9_1 Liftoff CDS     64885942        64886249        .       -
        2       Parent=Smp_302350.2
SM_V9_1 Liftoff CDS     64886380        64886524        .       -
        0       Parent=Smp_302350.2
SM_V9_1 Liftoff CDS     64886672        64886869        .       -
        0       Parent=Smp_302350.2
SM_V9_1 Liftoff CDS     64886978        64887148        .       -
        0       Parent=Smp_302350.2
SM_V9_1 Liftoff CDS     64889741        64889938        .       -
        0       Parent=Smp_302350.2
SM_V9_1 Liftoff CDS     64890047        64890217        .       -
        0       Parent=Smp_302350.2
SM_V9_1 Liftoff CDS     64890384        64890626        .       -
        0       Parent=Smp_302350.2
SM_V9_1 iris    gene    64903340        64905076        .       -
        .
ID=Smp_303690;geneID=Smp_303690;gene_name=Smp_303690;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-09-02;date_crea
tion=2022-01-18
SM_V9_1 iris    mRNA    64903340        64905076        .       -
        .
ID=Smp_303690.1;Parent=Smp_303690;geneID=Smp_303690;gene_name=Smp_30
3690;owner=mb4@sanger.ac.uk,irisadmin@local.host;orig_id=Smp_303690.
2;date_last_modified=2022-07-09;Name=Smp_303690.1;product=Major egg
antigen;date_creation=2022-01-18
SM_V9_1 iris    exon    64903340        64903730        .       -
        .       Parent=Smp_303690.1;Name=89bc5bae-ab0a-4f03-
b532-01740b8dbad9
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SM_V9_1 iris    exon    64903861        64904005        .       -
        .
Parent=Smp_303690.1;Name=0e952655-6e3d-42d1-83f1-23bae6957bb2
SM_V9_1 iris    exon    64904153        64904350        .       -
        .       Parent=Smp_303690.1;Name=4a7352c1-dc7b-4522-
aa9d-1d0f973dd086
SM_V9_1 iris    exon    64904459        64904629        .       -
        .
Parent=Smp_303690.1;Name=48e23e14-0a59-4cf7-8b2e-92a58852ef94
SM_V9_1 iris    exon    64904796        64905076        .       -
        .
Parent=Smp_303690.1;Name=9aecb606-1b55-41d0-9f5e-80462bb2f26d
SM_V9_1 iris    CDS     64903423        64903730        .       -
        2       Parent=Smp_303690.1
SM_V9_1 iris    CDS     64903861        64904005        .       -
        0       Parent=Smp_303690.1
SM_V9_1 iris    CDS     64904153        64904350        .       -
        0       Parent=Smp_303690.1
SM_V9_1 iris    CDS     64904459        64904629        .       -
        0       Parent=Smp_303690.1
SM_V9_1 iris    CDS     64904796        64905038        .       -
        0       Parent=Smp_303690.1
SM_V9_1 iris    gene    64915828        64920656        .       +
        .
ID=Smp_185680;geneID=Smp_185680;gene_name=Smp_185680;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    64915828        64920656        .       +
        .
ID=Smp_185680.1;Parent=Smp_185680;geneID=Smp_185680;gene_name=Smp_18
5680;owner=irisadmin@local.host;orig_id=Smp_185680.1;date_last_modif
ied=2022-07-11;Name=Smp_185680.1;product=Major egg
antigen;date_creation=2022-07-11
SM_V9_1 iris    exon    64915828        64916131        .       +
        .       Parent=Smp_185680.1;Name=082ea10b-4724-4bd0-95a7-
c722ccc2492b
SM_V9_1 iris    exon    64916298        64916468        .       +
        .
Parent=Smp_185680.1;Name=730ac55f-3cf2-4feb-9121-2e924ae84232
SM_V9_1 iris    exon    64916577        64916774        .       +
        .       Parent=Smp_185680.1;Name=9e8de625-352c-4848-b4fa-
c5ecc413a5e9
SM_V9_1 iris    exon    64919367        64919537        .       +
        .       Parent=Smp_185680.1;Name=b7550e18-c787-448c-913c-
ce129fb77af3
SM_V9_1 iris    exon    64919646        64919843        .       +
        .
Parent=Smp_185680.1;Name=584d763b-42fe-4cd0-8d59-5ad0bea6767a
SM_V9_1 iris    exon    64919991        64920135        .       +
        .       Parent=Smp_185680.1;Name=78b80381-3b76-445f-
ac2d-48d3ee2e9628
SM_V9_1 iris    exon    64920266        64920656        .       +
        .       Parent=Smp_185680.1;Name=e42555ef-02a5-4204-a225-
bc3156511f29
SM_V9_1 iris    CDS     64915889        64916131        .       +
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        0       Parent=Smp_185680.1
SM_V9_1 iris    CDS     64916298        64916468        .       +
        0       Parent=Smp_185680.1
SM_V9_1 iris    CDS     64916577        64916774        .       +
        0       Parent=Smp_185680.1
SM_V9_1 iris    CDS     64919367        64919537        .       +
        0       Parent=Smp_185680.1
SM_V9_1 iris    CDS     64919646        64919843        .       +
        0       Parent=Smp_185680.1
SM_V9_1 iris    CDS     64919991        64920135        .       +
        0       Parent=Smp_185680.1
SM_V9_1 iris    CDS     64920266        64920573        .       +
        2       Parent=Smp_185680.1
SM_V9_1 iris    mRNA    64918922        64920656        .       +
        .
ID=Smp_185680.2;Parent=Smp_185680;geneID=Smp_185680;gene_name=Smp_18
5680;owner=irisadmin@local.host;orig_id=Smp_302340.1;date_last_modif
ied=2022-07-11;Name=Smp_185680.2;date_creation=2022-07-11
SM_V9_1 iris    exon    64918922        64919200        .       +
        .       Parent=Smp_185680.2;Name=72122003-a369-4d06-a68e-
eb5f6253ca55
SM_V9_1 iris    exon    64919367        64919537        .       +
        .       Parent=Smp_185680.2;Name=7bd6a35b-8dc3-43da-bae6-
b2dc24fcf275
SM_V9_1 iris    exon    64919646        64919843        .       +
        .
Parent=Smp_185680.2;Name=c6288844-4382-43d7-88c0-9f4edc3830e6
SM_V9_1 iris    exon    64919991        64920135        .       +
        .       Parent=Smp_185680.2;Name=b777ebba-de27-4e66-
af61-085e6f342d5e
SM_V9_1 iris    exon    64920266        64920656        .       +
        .
Parent=Smp_185680.2;Name=3e54f567-6a74-4d1b-8d56-705c6b144661
SM_V9_1 iris    CDS     64918958        64919200        .       +
        0       Parent=Smp_185680.2
SM_V9_1 iris    CDS     64919367        64919537        .       +
        0       Parent=Smp_185680.2
SM_V9_1 iris    CDS     64919646        64919843        .       +
        0       Parent=Smp_185680.2
SM_V9_1 iris    CDS     64919991        64920135        .       +
        0       Parent=Smp_185680.2
SM_V9_1 iris    CDS     64920266        64920573        .       +
        2       Parent=Smp_185680.2
SM_V9_1 iris    gene    64928611        64933002        .       -
        .
ID=Smp_307210;geneID=Smp_307210;gene_name=Smp_307210;owner=irisadmin
@local.host;date_last_modified=2022-10-14;date_creation=2022-10-06
SM_V9_1 iris    mRNA    64928611        64933002        .       -
        .
ID=Smp_307210.1;Parent=Smp_307210;geneID=Smp_307210;gene_name=Smp_30
7210;owner=irisadmin@local.host;orig_id=Smp_307210.1;date_last_modif
ied=2022-10-14;Name=Smp_307210.1;product=Phosphatidate
cytidylyltransferase, mitochondrial;date_creation=2022-10-06
SM_V9_1 iris    exon    64928611        64928688        .       -
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        .       Parent=Smp_307210.1;Name=c4bfd583-
cd94-497f-8e53-77d66762be5e
SM_V9_1 iris    exon    64931965        64932018        .       -
        .       Parent=Smp_307210.1;Name=2d8ffc1e-637e-42b1-a8be-
a5a8f49815bb
SM_V9_1 iris    exon    64932941        64933002        .       -
        .       Parent=Smp_307210.1;Name=5ef30fd7-e4e5-49a3-96c5-
ae95950ec6d7
SM_V9_1 iris    CDS     64932011        64932018        .       -
        2       Parent=Smp_307210.1
SM_V9_1 iris    CDS     64932941        64932953        .       -
        0       Parent=Smp_307210.1
SM_V9_1 iris    gene    64939768        64960882        .       +
        .
ID=Smp_049330;geneID=Smp_049330;gene_name=Smp_049330;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    64939768        64951663        .       +
        .
ID=Smp_049330.2;Parent=Smp_049330;geneID=Smp_049330;gene_name=Smp_04
9330;owner=irisadmin@local.host;orig_id=Smp_049330.2;date_last_modif
ied=2022-07-11;Name=Smp_049330.2;product=Aspartyl protease
25;date_creation=2022-07-11
SM_V9_1 iris    exon    64939768        64939871        .       +
        .
Parent=Smp_049330.2;Name=6083f60d-9f9f-445d-97de-79886e5e156c
SM_V9_1 iris    exon    64942337        64942526        .       +
        .       Parent=Smp_049330.2;Name=f7d16c0d-2b1f-4cf2-9826-
ad422c4f2901
SM_V9_1 iris    exon    64946479        64946815        .       +
        .       Parent=Smp_049330.2;Name=70598acb-39ae-4328-
b42e-02622dbf84c5
SM_V9_1 iris    exon    64948176        64948449        .       +
        .       Parent=Smp_049330.2;Name=8432cb2a-51af-40d7-9244-
bb561e348765
SM_V9_1 iris    exon    64949619        64951663        .       +
        .
Parent=Smp_049330.2;Name=07885685-1b7e-49be-9aa8-85dff075f342
SM_V9_1 iris    CDS     64939857        64939871        .       +
        0       Parent=Smp_049330.2
SM_V9_1 iris    CDS     64942337        64942526        .       +
        0       Parent=Smp_049330.2
SM_V9_1 iris    CDS     64946479        64946815        .       +
        2       Parent=Smp_049330.2
SM_V9_1 iris    CDS     64948176        64948449        .       +
        1       Parent=Smp_049330.2
SM_V9_1 iris    CDS     64949619        64950146        .       +
        0       Parent=Smp_049330.2
SM_V9_1 iris    mRNA    64939768        64960882        .       +
        .
ID=Smp_049330.1;Parent=Smp_049330;geneID=Smp_049330;gene_name=Smp_04
9330;owner=irisadmin@local.host;orig_id=Smp_049330.1;date_last_modif
ied=2022-07-11;Name=Smp_049330.1;product=Hypothetical
protein;date_creation=2022-07-11
SM_V9_1 iris    exon    64939768        64939871        .       +
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        .       Parent=Smp_049330.1;Name=270386de-2646-40e4-
b3d9-841c8bd36401
SM_V9_1 iris    exon    64942337        64942526        .       +
        .
Parent=Smp_049330.1;Name=5246e1c5-079d-4e07-876f-029deb550409
SM_V9_1 iris    exon    64946479        64946815        .       +
        .       Parent=Smp_049330.1;Name=95e255a9-27d0-4278-
be06-4e3df4425004
SM_V9_1 iris    exon    64948176        64948449        .       +
        .       Parent=Smp_049330.1;Name=000eecc3-87b0-41b8-9716-
f525def0c5be
SM_V9_1 iris    exon    64949619        64950101        .       +
        .       Parent=Smp_049330.1;Name=0f494134-8863-4850-b2ea-
af50114b8336
SM_V9_1 iris    exon    64952490        64952781        .       +
        .
Parent=Smp_049330.1;Name=47520bee-89ea-4c0b-8d24-4b49d952c045
SM_V9_1 iris    exon    64956979        64957042        .       +
        .       Parent=Smp_049330.1;Name=c7427efb-6e27-41d7-b926-
e00782eec362
SM_V9_1 iris    exon    64959994        64960882        .       +
        .       Parent=Smp_049330.1;Name=bc7ac7a3-07d1-4c6c-
b9cb-89623c60e2e0
SM_V9_1 iris    CDS     64939857        64939871        .       +
        0       Parent=Smp_049330.1
SM_V9_1 iris    CDS     64942337        64942526        .       +
        0       Parent=Smp_049330.1
SM_V9_1 iris    CDS     64946479        64946815        .       +
        2       Parent=Smp_049330.1
SM_V9_1 iris    CDS     64948176        64948449        .       +
        1       Parent=Smp_049330.1
SM_V9_1 iris    CDS     64949619        64950101        .       +
        0       Parent=Smp_049330.1
SM_V9_1 iris    CDS     64952490        64952781        .       +
        0       Parent=Smp_049330.1
SM_V9_1 iris    CDS     64956979        64957042        .       +
        2       Parent=Smp_049330.1
SM_V9_1 iris    CDS     64959994        64960039        .       +
        1       Parent=Smp_049330.1
SM_V9_1 Liftoff gene    64972528        65008459        .       +
        .       ID=Smp_200020;geneID=Smp_200020
SM_V9_1 Liftoff mRNA    64972528        65008459        .       +
        .
ID=Smp_200020.1;Parent=Smp_200020;geneID=Smp_200020;product=Protein
yippee-like CG15309;polypeptide_domain=InterPro:IPR004910,IPR034751
Pfam:PF03226
SM_V9_1 Liftoff exon    64972528        64974647        .       +
        .       Parent=Smp_200020.1
SM_V9_1 Liftoff exon    65004359        65008459        .       +
        .       Parent=Smp_200020.1
SM_V9_1 Liftoff CDS     64974392        64974647        .       +
        0       Parent=Smp_200020.1
SM_V9_1 Liftoff CDS     65004359        65004546        .       +
        2       Parent=Smp_200020.1
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SM_V9_1 iris    gene    65107811        65120211        .       +
        .
ID=Smp_332590;geneID=Smp_332590;gene_name=Smp_332590;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    65107811        65120211        .       +
        .
ID=Smp_332590.1;Parent=Smp_332590;geneID=Smp_332590;gene_name=Smp_33
2590;owner=irisadmin@local.host;orig_id=Smp_332590.1;date_last_modif
ied=2022-07-11;Name=Smp_332590.1;product=LIM homeobox transcription
factor 1-beta.1;date_creation=2022-07-11
SM_V9_1 iris    exon    65107811        65108127        .       +
        .       Parent=Smp_332590.1;Name=83156df0-e861-4809-
af1e-4da9b2060393
SM_V9_1 iris    exon    65110589        65111325        .       +
        .       Parent=Smp_332590.1;Name=b5ec6b60-03a8-4985-
b10f-22a19056cfe6
SM_V9_1 iris    exon    65112714        65112865        .       +
        .       Parent=Smp_332590.1;Name=9a53f376-
a5e6-4ae0-8537-52bff7c2f82f
SM_V9_1 iris    exon    65114012        65114089        .       +
        .
Parent=Smp_332590.1;Name=545d5290-6310-4d6a-940f-0c8a28585c54
SM_V9_1 iris    exon    65116621        65116780        .       +
        .       Parent=Smp_332590.1;Name=f05083f9-79fd-4a56-
b9c6-25eff1eebf24
SM_V9_1 iris    exon    65119399        65120211        .       +
        .
Parent=Smp_332590.1;Name=913213a2-2594-41cd-93ef-278d59baa822
SM_V9_1 iris    CDS     65107943        65108127        .       +
        0       Parent=Smp_332590.1
SM_V9_1 iris    CDS     65110589        65111325        .       +
        1       Parent=Smp_332590.1
SM_V9_1 iris    CDS     65112714        65112865        .       +
        2       Parent=Smp_332590.1
SM_V9_1 iris    CDS     65114012        65114089        .       +
        0       Parent=Smp_332590.1
SM_V9_1 iris    CDS     65116621        65116780        .       +
        0       Parent=Smp_332590.1
SM_V9_1 iris    CDS     65119399        65119892        .       +
        2       Parent=Smp_332590.1
SM_V9_1 iris    gene    65144539        65204468        .       -
        .
ID=Smp_302360;geneID=Smp_302360;gene_name=Smp_302360;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    65144539        65204468        .       -
        .
ID=Smp_302360.1;Parent=Smp_302360;geneID=Smp_302360;gene_name=Smp_30
2360;owner=irisadmin@local.host;orig_id=Smp_302360.1;date_last_modif
ied=2022-08-12;Name=Smp_302360.1;product=Supervillin;date_creation=2
022-08-12
SM_V9_1 iris    exon    65144539        65145910        .       -
        .
Parent=Smp_302360.1;Name=a017063e-193b-4c1f-8e05-761b7258228f
SM_V9_1 iris    exon    65146439        65146828        .       -
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        .       Parent=Smp_302360.1;Name=721d04b8-6bd5-4017-a67d-
f059434d3e85
SM_V9_1 iris    exon    65151449        65151558        .       -
        .       Parent=Smp_302360.1;Name=9403b53e-ce97-4704-ba3f-
c0089f2db0b0
SM_V9_1 iris    exon    65153915        65154250        .       -
        .       Parent=Smp_302360.1;Name=5142d000-e4b5-4825-
aae8-54105c692242
SM_V9_1 iris    exon    65157906        65158190        .       -
        .
Parent=Smp_302360.1;Name=43b426a3-7ab7-4f55-8f44-76c4950cd248
SM_V9_1 iris    exon    65162055        65162197        .       -
        .       Parent=Smp_302360.1;Name=47e5e09b-8692-49dd-bcae-
dee3e856fc4f
SM_V9_1 iris    exon    65162698        65162933        .       -
        .
Parent=Smp_302360.1;Name=80922ca8-6010-4e16-9d02-13a4c115bce9
SM_V9_1 iris    exon    65164696        65164791        .       -
        .       Parent=Smp_302360.1;Name=e4669d24-ea33-4a5a-9a63-
e874581d8882
SM_V9_1 iris    exon    65167100        65167248        .       -
        .       Parent=Smp_302360.1;Name=afda99b8-a807-4aa5-bf05-
c8b8e161fe42
SM_V9_1 iris    exon    65173460        65173763        .       -
        .       Parent=Smp_302360.1;Name=cd758d2c-
bd9d-4122-9e59-161f996b4d39
SM_V9_1 iris    exon    65176788        65176960        .       -
        .       Parent=Smp_302360.1;Name=cc6ba7b2-
a1c7-4557-91f7-5d9daa704e74
SM_V9_1 iris    exon    65180252        65180408        .       -
        .       Parent=Smp_302360.1;Name=e750f0c6-7f1b-44a2-
aff2-0bf5bd435cdd
SM_V9_1 iris    exon    65182502        65182647        .       -
        .       Parent=Smp_302360.1;Name=35e13255-8f20-489f-b977-
b030ff74a417
SM_V9_1 iris    exon    65184167        65184550        .       -
        .       Parent=Smp_302360.1;Name=6ab251bf-8bf9-4bd9-97f8-
ebd44dc720f8
SM_V9_1 iris    exon    65185700        65185879        .       -
        .
Parent=Smp_302360.1;Name=30bdcc24-294e-4737-9b8b-34925bf301f9
SM_V9_1 iris    exon    65188730        65188953        .       -
        .       Parent=Smp_302360.1;Name=bf4bc60e-7f53-4097-a4b0-
f48b95529ab6
SM_V9_1 iris    exon    65189703        65189869        .       -
        .       Parent=Smp_302360.1;Name=ad296d5b-0b34-4582-8002-
b7626aa68b36
SM_V9_1 iris    exon    65190231        65190316        .       -
        .       Parent=Smp_302360.1;Name=134af197-386a-482c-bff4-
cc1e625955f7
SM_V9_1 iris    exon    65192377        65192505        .       -
        .       Parent=Smp_302360.1;Name=d04ba7c5-b93b-4843-95a0-
b4c5534140c5
SM_V9_1 iris    exon    65198314        65198498        .       -
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        .       Parent=Smp_302360.1;Name=02fc2f78-8cac-46e3-
a7dd-66bfe1e43ac7
SM_V9_1 iris    exon    65200389        65200619        .       -
        .       Parent=Smp_302360.1;Name=70f50e31-79a2-4ba7-bc8d-
da208ba58b3d
SM_V9_1 iris    exon    65203743        65204468        .       -
        .
Parent=Smp_302360.1;Name=0f8d1fb9-28d8-4c52-95f6-4ac895d5692c
SM_V9_1 iris    CDS     65146646        65146828        .       -
        0       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65151449        65151558        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65153915        65154250        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65157906        65158190        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65162055        65162197        .       -
        1       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65162698        65162933        .       -
        0       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65164696        65164791        .       -
        0       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65167100        65167248        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65173460        65173763        .       -
        0       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65176788        65176960        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65180252        65180408        .       -
        0       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65182502        65182647        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65184167        65184550        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65185700        65185879        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65188730        65188953        .       -
        1       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65189703        65189869        .       -
        0       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65190231        65190316        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65192377        65192505        .       -
        2       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65198314        65198498        .       -
        1       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65200389        65200619        .       -
        1       Parent=Smp_302360.1
SM_V9_1 iris    CDS     65203743        65204305        .       -
        0       Parent=Smp_302360.1
SM_V9_1 iris    gene    65203773        65240275        .       -
        .
ID=Smp_302370;geneID=Smp_302370;gene_name=Smp_302370;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
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SM_V9_1 iris    mRNA    65203773        65240275        .       -
       .
ID=Smp_302370.1;Parent=Smp_302370;geneID=Smp_302370;gene_name=Smp_30
2370;owner=irisadmin@local.host;orig_id=Smp_302370.1;date_last_modif
ied=2022-08-01;Name=Smp_302370.1;product=Hypothetical
protein;date_creation=2022-08-01
SM_V9_1 iris    exon    65203773        65204472        .       -
       .       Parent=Smp_302370.1;Name=f85293ed-1e2d-4c97-96d7-
fcd11f9c02e6
SM_V9_1 iris    exon    65204519        65204614        .       -
       .
Parent=Smp_302370.1;Name=7e94bed6-094c-4467-9e21-2c0dadb00460
SM_V9_1 iris    exon    65209678        65209871        .       -
       .
Parent=Smp_302370.1;Name=4195bdd6-7e2d-4780-9acb-77936c36bd5d
SM_V9_1 iris    exon    65218882        65220907        .       -
       .       Parent=Smp_302370.1;Name=07dbfafd-6ea2-4e30-
b49d-76ab7a1ec089
SM_V9_1 iris    exon    65221448        65222064        .       -
       .       Parent=Smp_302370.1;Name=403941df-5494-4654-8737-
a14056d63572
SM_V9_1 iris    exon    65239992        65240275        .       -
       .       Parent=Smp_302370.1;Name=71d25893-e49f-4d81-
b24e-7b8b8b4e2904
SM_V9_1 iris    CDS     65204438        65204472        .       -
       2       Parent=Smp_302370.1
SM_V9_1 iris    CDS     65204519        65204614        .       -
       2       Parent=Smp_302370.1
SM_V9_1 iris    CDS     65209678        65209871        .       -
       1       Parent=Smp_302370.1
SM_V9_1 iris    CDS     65218882        65220907        .       -
       2       Parent=Smp_302370.1
SM_V9_1 iris    CDS     65221448        65222064        .       -
       1       Parent=Smp_302370.1
SM_V9_1 iris    CDS     65239992        65240023        .       -
       0       Parent=Smp_302370.1
SM_V9_1 iris    gene    65249461        65253633        .       +
       .
ID=Smp_148590;geneID=Smp_148590;gene_name=Smp_148590;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    65249461        65253633        .       +
       .
ID=Smp_148590.1;Parent=Smp_148590;geneID=Smp_148590;gene_name=Smp_14
8590;owner=irisadmin@local.host;orig_id=Smp_148590.1;date_last_modif
ied=2022-07-11;Name=Smp_148590.1;product=D-inositol 3-phosphate
glycosyltransferase;date_creation=2022-07-11
SM_V9_1 iris    exon    65249461        65249631        .       +
       .
Parent=Smp_148590.1;Name=a86481fe-68e0-43b1-9a80-91beecec025c
SM_V9_1 iris    exon    65249675        65249797        .       +
       .       Parent=Smp_148590.1;Name=d0db0cd4-e0ea-4517-90da-
ad56eeedac4b
SM_V9_1 iris    exon    65253112        65253250        .       +
       .       Parent=Smp_148590.1;Name=3f8d40cf-0b32-4275-
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a007-3e0111b3609b
SM_V9_1 iris    exon    65253449        65253633        .       +
        .       Parent=Smp_148590.1;Name=753ff807-ef7b-4907-952d-
e7a64aa324f8
SM_V9_1 iris    CDS     65249485        65249631        .       +
        0       Parent=Smp_148590.1
SM_V9_1 iris    CDS     65249675        65249797        .       +
        0       Parent=Smp_148590.1
SM_V9_1 iris    CDS     65253112        65253250        .       +
        0       Parent=Smp_148590.1
SM_V9_1 iris    CDS     65253449        65253528        .       +
        2       Parent=Smp_148590.1
SM_V9_1 Liftoff gene    65270338        65296696        .       +
        .       ID=Smp_049380;geneID=Smp_049380
SM_V9_1 Liftoff mRNA    65270338        65296696        .       +
        .
ID=Smp_049380.1;Parent=Smp_049380;geneID=Smp_049380;product=N-
chimaerin;polypeptide_domain=InterPro:IPR000198,IPR000980,IPR002219,
IPR008936,IPR020454
Pfam:PF00017,PF00130,PF00620;Ontology_term=GO:0007165,GO:0035556
SM_V9_1 Liftoff exon    65270338        65270527        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65270562        65270965        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65272899        65273369        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65275119        65275712        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65278748        65278857        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65285660        65285790        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65287486        65287623        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65293437        65293548        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff exon    65294781        65296696        .       +
        .       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65270485        65270527        .       +
        0       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65270562        65270965        .       +
        2       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65272899        65273369        .       +
        0       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65275119        65275712        .       +
        0       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65278748        65278857        .       +
        0       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65285660        65285790        .       +
        1       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65287486        65287623        .       +
        2       Parent=Smp_049380.1
SM_V9_1 Liftoff CDS     65293437        65293548        .       +
        2       Parent=Smp_049380.1
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SM_V9_1 Liftoff CDS     65294781        65295174        .       +
        1       Parent=Smp_049380.1
SM_V9_1 iris    gene    65297825        65339107        .       -
        .
ID=Smp_049390;geneID=Smp_049390;gene_name=Smp_049390;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    65297825        65339107        .       -
        .
ID=Smp_049390.1;Parent=Smp_049390;geneID=Smp_049390;gene_name=Smp_04
9390;owner=irisadmin@local.host;orig_id=Smp_049390.1;date_last_modif
ied=2022-07-11;Name=Smp_049390.1;product=Pyrroline-5-carboxylate
reductase;date_creation=2022-07-11
SM_V9_1 iris    exon    65297825        65298415        .       -
        .       Parent=Smp_049390.1;Name=756a9460-c8a5-4b4a-a67e-
bc350185aed0
SM_V9_1 iris    exon    65300330        65300473        .       -
        .       Parent=Smp_049390.1;Name=28a04dd7-9761-4ec5-8777-
fbb2feff3979
SM_V9_1 iris    exon    65322093        65322308        .       -
        .       Parent=Smp_049390.1;Name=f64fff39-2253-424e-
ae35-022a9eaa5537
SM_V9_1 iris    exon    65328748        65328924        .       -
        .       Parent=Smp_049390.1;Name=b77ccc0c-c308-4613-81b5-
e7fb825aad5f
SM_V9_1 iris    exon    65332314        65332343        .       -
        .
Parent=Smp_049390.1;Name=a6aab410-2343-4bef-9041-96893cdf5a8d
SM_V9_1 iris    exon    65335050        65335114        .       -
        .
Parent=Smp_049390.1;Name=0acfeedc-854c-4164-9e0a-5a8fe0e828ee
SM_V9_1 iris    exon    65338170        65338271        .       -
        .       Parent=Smp_049390.1;Name=26d27274-
eb7c-4d34-9e40-36a0898fe088
SM_V9_1 iris    exon    65338922        65339107        .       -
        .       Parent=Smp_049390.1;Name=1480c40f-25b5-45e4-
b0f3-53f6ff9c29b4
SM_V9_1 iris    CDS     65298281        65298415        .       -
        0       Parent=Smp_049390.1
SM_V9_1 iris    CDS     65300330        65300473        .       -
        0       Parent=Smp_049390.1
SM_V9_1 iris    CDS     65322093        65322308        .       -
        0       Parent=Smp_049390.1
SM_V9_1 iris    CDS     65328748        65328924        .       -
        0       Parent=Smp_049390.1
SM_V9_1 iris    CDS     65332314        65332343        .       -
        0       Parent=Smp_049390.1
SM_V9_1 iris    CDS     65335050        65335114        .       -
        2       Parent=Smp_049390.1
SM_V9_1 iris    CDS     65338170        65338271        .       -
        2       Parent=Smp_049390.1
SM_V9_1 iris    CDS     65338922        65338994        .       -
        0       Parent=Smp_049390.1
SM_V9_1 Liftoff gene    65356995        65430442        .       +
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ID=Smp_332600;geneID=Smp_332600;previous_systematic_id=Smp_049400,Sm
p_148600,Smp_148610,Smp_148620
SM_V9_1 Liftoff mRNA    65356995        65430432        .       +
       .
ID=Smp_332600.2;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR000998
Pfam:PF00629;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    65356995        65357067        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65362153        65362198        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65371930        65372305        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65391825        65391875        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65391925        65392033        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65422085        65422172        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65423098        65423787        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65425765        65425880        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65427734        65427955        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff exon    65428236        65430432        .       +
       .       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
       0       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
       0       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65371930        65372305        .       +
       2       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65391825        65391875        .       +
       1       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65391925        65392033        .       +
       1       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
       0       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
       2       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
       2       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65427734        65427955        .       +
       0       Parent=Smp_332600.2
SM_V9_1 Liftoff CDS     65428236        65428238        .       +
       0       Parent=Smp_332600.2
SM_V9_1 Liftoff mRNA    65357010        65430368        .       +
       .
ID=Smp_332600.5;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR000998;Ontology_term=GO:00160
20
SM_V9_1 Liftoff exon    65357010        65357067        .       +
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        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65362153        65362198        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65371110        65371581        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65396152        65396202        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65396307        65396433        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65422085        65422172        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65423098        65423787        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff exon    65427734        65430368        .       +
        .       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
        0       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
        0       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65371110        65371581        .       +
        2       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65396152        65396202        .       +
        1       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65396307        65396433        .       +
        1       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
        0       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
        2       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.5
SM_V9_1 Liftoff CDS     65427734        65428945        .       +
        0       Parent=Smp_332600.5
SM_V9_1 Liftoff mRNA    65357015        65430383        .       +
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ID=Smp_332600.8;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR000998;Ontology_term=GO:00160
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SM_V9_1 Liftoff exon    65357015        65357067        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65362153        65362198        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65370237        65370666        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65380140        65380187        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65383218        65383350        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65422085        65422172        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65423098        65423787        .       +
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        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff exon    65427734        65430383        .       +
        .       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
        0       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
        0       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65370237        65370666        .       +
        2       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65380140        65380187        .       +
        1       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65383218        65383350        .       +
        1       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
        0       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
        2       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.8
SM_V9_1 Liftoff CDS     65427734        65428945        .       +
        0       Parent=Smp_332600.8
SM_V9_1 Liftoff mRNA    65357018        65430442        .       +
        .
ID=Smp_332600.6;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    65357018        65412876        .       +
        .       Parent=Smp_332600.6
SM_V9_1 Liftoff exon    65423379        65423787        .       +
        .       Parent=Smp_332600.6
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.6
SM_V9_1 Liftoff exon    65427734        65430442        .       +
        .       Parent=Smp_332600.6
SM_V9_1 Liftoff CDS     65412847        65412876        .       +
        0       Parent=Smp_332600.6
SM_V9_1 Liftoff CDS     65423379        65423787        .       +
        0       Parent=Smp_332600.6
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.6
SM_V9_1 Liftoff CDS     65427734        65428945        .       +
        0       Parent=Smp_332600.6
SM_V9_1 Liftoff mRNA    65357026        65430404        .       +
        .
ID=Smp_332600.1;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR000998
Pfam:PF00629;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    65357026        65357067        .       +
        .       Parent=Smp_332600.1
SM_V9_1 Liftoff exon    65362153        65362198        .       +
        .       Parent=Smp_332600.1
SM_V9_1 Liftoff exon    65365660        65366032        .       +
        .       Parent=Smp_332600.1
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SM_V9_1 Liftoff exon    65387251        65387425        .       +
        .       Parent=Smp_332600.1
SM_V9_1 Liftoff exon    65422085        65422172        .       +
        .       Parent=Smp_332600.1
SM_V9_1 Liftoff exon    65423098        65423787        .       +
        .       Parent=Smp_332600.1
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.1
SM_V9_1 Liftoff exon    65427734        65430404        .       +
        .       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
        0       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
        0       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65365660        65366032        .       +
        2       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65387251        65387425        .       +
        1       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
        0       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
        2       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.1
SM_V9_1 Liftoff CDS     65427734        65428945        .       +
        0       Parent=Smp_332600.1
SM_V9_1 Liftoff mRNA    65357026        65430407        .       +
        .
ID=Smp_332600.7;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR000998,IPR013320
Pfam:PF00629;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    65357026        65357067        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65362153        65362198        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65372807        65373158        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65419870        65419920        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65419971        65420079        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65422085        65422172        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65423098        65423787        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff exon    65427734        65430407        .       +
        .       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
        0       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
        0       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65372807        65373158        .       +
```

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        2       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65419870        65419920        .       +
        1       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65419971        65420079        .       +
        1       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
        0       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
        2       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.7
SM_V9_1 Liftoff CDS     65427734        65428945        .       +
        0       Parent=Smp_332600.7
SM_V9_1 Liftoff mRNA    65357026        65430429        .       +
        .
ID=Smp_332600.3;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR000998;Ontology_term=GO:00160
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SM_V9_1 Liftoff exon    65357026        65357067        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65362153        65362198        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65371110        65371581        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65389668        65389712        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65390366        65390501        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65422085        65422172        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65423098        65423787        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff exon    65427734        65430429        .       +
        .       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
        0       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
        0       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65371110        65371581        .       +
        2       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65389668        65389712        .       +
        1       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65390366        65390501        .       +
        1       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
        0       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
        2       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.3
SM_V9_1 Liftoff CDS     65427734        65428945        .       +
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        0       Parent=Smp_332600.3
SM_V9_1 Liftoff mRNA    65357041        65430388        .       +
        .
ID=Smp_332600.9;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR000998;Ontology_term=GO:00160
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SM_V9_1 Liftoff exon    65357041        65357067        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65362153        65362198        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65373683        65374046        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65389668        65389712        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65390366        65390501        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65422085        65422172        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65423098        65423787        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff exon    65427734        65430388        .       +
        .       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
        0       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
        0       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65373683        65374046        .       +
        2       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65389668        65389712        .       +
        1       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65390366        65390501        .       +
        1       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
        0       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
        2       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.9
SM_V9_1 Liftoff CDS     65427734        65428945        .       +
        0       Parent=Smp_332600.9
SM_V9_1 Liftoff mRNA    65357050        65430388        .       +
        .
ID=Smp_332600.4;Parent=Smp_332600;geneID=Smp_332600;product=Hypothet
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Pfam:PF00629;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    65357050        65357067        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff exon    65362153        65362198        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff exon    65372807        65373158        .       +
        .       Parent=Smp_332600.4
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SM_V9_1 Liftoff exon    65418332        65418382        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff exon    65418432        65418528        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff exon    65422085        65422172        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff exon    65423098        65423787        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff exon    65425765        65425880        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff exon    65427634        65430388        .       +
        .       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65357065        65357067        .       +
        0       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65362153        65362198        .       +
        0       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65372807        65373158        .       +
        2       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65418332        65418382        .       +
        1       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65418432        65418528        .       +
        1       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65422085        65422172        .       +
        0       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65423098        65423787        .       +
        2       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65425765        65425880        .       +
        2       Parent=Smp_332600.4
SM_V9_1 Liftoff CDS     65427634        65427660        .       +
        0       Parent=Smp_332600.4
SM_V9_1 Liftoff pseudogene      65372717        65377093        .
        +       .       ID=Smp_319820;geneID=Smp_319820
SM_V9_1 Liftoff transcript      65372717        65377093        .
        +       .
ID=Smp_319820.1;Parent=Smp_319820;geneID=Smp_319820
SM_V9_1 Liftoff exon    65372717        65372948        .       +
        .       Parent=Smp_319820.1
SM_V9_1 Liftoff exon    65375078        65375184        .       +
        .       Parent=Smp_319820.1
SM_V9_1 Liftoff exon    65376098        65377093        .       +
        .       Parent=Smp_319820.1
SM_V9_1 Liftoff gene    65433193        65437723        .       +
        .       ID=Smp_148630;geneID=Smp_148630
SM_V9_1 Liftoff mRNA    65433193        65437723        .       +
        .
ID=Smp_148630.1;Parent=Smp_148630;geneID=Smp_148630;product=GTP-
binding protein Sar1
SM_V9_1 Liftoff exon    65433193        65437723        .       +
        .       Parent=Smp_148630.1
SM_V9_1 Liftoff CDS     65433235        65433849        .       +
        0       Parent=Smp_148630.1
SM_V9_1 Liftoff gene    65450123        65470909        .       +
        .
ID=Smp_344120;geneID=Smp_344120;previous_systematic_id=Smp_148640
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       .
ID=Smp_344120.1;Parent=Smp_344120;geneID=Smp_344120;product=Ribosoma
l RNA small subunit methyltransferase C
SM_V9_1 Liftoff exon    65450123        65450339        .       +
       .       Parent=Smp_344120.1
SM_V9_1 Liftoff exon    65464886        65464968        .       +
       .       Parent=Smp_344120.1
SM_V9_1 Liftoff exon    65468623        65468688        .       +
       .       Parent=Smp_344120.1
SM_V9_1 Liftoff exon    65470443        65470909        .       +
       .       Parent=Smp_344120.1
SM_V9_1 Liftoff CDS     65450174        65450339        .       +
       0       Parent=Smp_344120.1
SM_V9_1 Liftoff CDS     65464886        65464968        .       +
       2       Parent=Smp_344120.1
SM_V9_1 Liftoff CDS     65468623        65468688        .       +
       0       Parent=Smp_344120.1
SM_V9_1 Liftoff CDS     65470443        65470583        .       +
       0       Parent=Smp_344120.1
SM_V9_1 Liftoff gene    65481103        65569587        .       +
       .       ID=Smp_148650;geneID=Smp_148650
SM_V9_1 Liftoff mRNA    65481103        65569587        .       +
       .
ID=Smp_148650.1;Parent=Smp_148650;geneID=Smp_148650;product=Autophag
y-related protein 2 homolog B;polypeptide_domain=InterPro:IPR015412
Pfam:PF09333
SM_V9_1 Liftoff exon    65481103        65481289        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65481325        65481478        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65484130        65484426        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65487211        65487441        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65492029        65492243        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65493977        65494444        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65497316        65497463        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65497629        65497712        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65499435        65500089        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65511488        65511716        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65524563        65524718        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65524762        65525004        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65526426        65526602        .       +
       .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65529421        65529739        .       +
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        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65531489        65531576        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65533890        65534205        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65535635        65535780        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65539993        65540450        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65541139        65541501        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65542983        65543216        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65545368        65545963        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65548060        65548239        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65551103        65551453        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65552635        65552730        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65554117        65554840        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65556173        65556588        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65559368        65559958        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65561306        65561604        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65562767        65562836        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65564198        65564402        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65565700        65566016        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65567874        65568137        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff exon    65568911        65569587        .       +
        .       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65481143        65481289        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65481325        65481478        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65484130        65484426        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65487211        65487441        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65492029        65492243        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65493977        65494444        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65497316        65497463        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65497629        65497712        .       +
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        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65499435        65500089        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65511488        65511716        .       +
        1       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65524563        65524718        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65524762        65525004        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65526426        65526602        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65529421        65529739        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65531489        65531576        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65533890        65534205        .       +
        1       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65535635        65535780        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65539993        65540450        .       +
        1       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65541139        65541501        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65542983        65543216        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65545368        65545963        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65548060        65548239        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65551103        65551453        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65552635        65552730        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65554117        65554840        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65556173        65556588        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65559368        65559958        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65561306        65561604        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65562767        65562836        .       +
        1       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65564198        65564402        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65565700        65566016        .       +
        2       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65567874        65568137        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff CDS     65568911        65569006        .       +
        0       Parent=Smp_148650.1
SM_V9_1 Liftoff gene    65515267        65520779        .       -
        .       ID=Smp_302410;geneID=Smp_302410
SM_V9_1 Liftoff mRNA    65515267        65520779        .       -
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        .
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protein;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    65515267        65520779        .       -
        .       Parent=Smp_302410.1
SM_V9_1 Liftoff CDS     65515633        65520540        .       -
        0       Parent=Smp_302410.1
SM_V9_1 Liftoff gene    65570631        65589589        .       -
        .       ID=Smp_049500;geneID=Smp_049500
SM_V9_1 Liftoff mRNA    65570631        65589589        .       -
        .
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binding cassette sub-family F member
3;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR017871,IPR02741
7,IPR032781 Pfam:PF00005,PF12848;Ontology_term=GO:0005524,GO:0016887
SM_V9_1 Liftoff exon    65570631        65571059        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65572230        65572543        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65574772        65575023        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65578340        65578540        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65580817        65580966        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65581631        65581943        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65583626        65583730        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65588851        65588991        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65589028        65589249        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65589283        65589427        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff exon    65589463        65589589        .       -
        .       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65570783        65571059        .       -
        1       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65572230        65572543        .       -
        0       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65574772        65575023        .       -
        0       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65578340        65578540        .       -
        0       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65580817        65580966        .       -
        0       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65581631        65581943        .       -
        1       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65583626        65583730        .       -
        1       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65588851        65588991        .       -
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        1       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65589028        65589249        .       -
        1       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65589283        65589427        .       -
        2       Parent=Smp_049500.1
SM_V9_1 Liftoff CDS     65589463        65589550        .       -
        0       Parent=Smp_049500.1
SM_V9_1 Liftoff gene    65597963        65599437        .       +
        .       ID=Smp_319860;geneID=Smp_319860
SM_V9_1 Liftoff mRNA    65597963        65599437        .       +
        .
ID=Smp_319860.1;Parent=Smp_319860;geneID=Smp_319860;product=Acyl-
coenzyme A thioesterase
13;polypeptide_domain=InterPro:IPR006683,IPR029069 Pfam:PF03061
SM_V9_1 Liftoff exon    65597963        65599034        .       +
        .       Parent=Smp_319860.1
SM_V9_1 Liftoff exon    65599080        65599437        .       +
        .       Parent=Smp_319860.1
SM_V9_1 Liftoff CDS     65599003        65599034        .       +
        0       Parent=Smp_319860.1
SM_V9_1 Liftoff CDS     65599080        65599260        .       +
        1       Parent=Smp_319860.1
SM_V9_1 iris    gene    65600464        65614961        .       -
        .
ID=Smp_049510;geneID=Smp_049510;gene_name=Smp_049510;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    65600464        65614961        .       -
        .
ID=Smp_049510.1;Parent=Smp_049510;geneID=Smp_049510;gene_name=Smp_04
9510;owner=irisadmin@local.host;orig_id=Smp_049510.1;date_last_modif
ied=2022-07-18;Name=Smp_049510.1;product=pre-mRNA 3' end processing
protein WDR33;date_creation=2022-07-18
SM_V9_1 iris    exon    65600464        65601273        .       -
        .       Parent=Smp_049510.1;Name=6a766a87-5510-4f38-
a2b3-67c96c7ae8ea
SM_V9_1 iris    exon    65603170        65603963        .       -
        .       Parent=Smp_049510.1;Name=5a3a1685-f95d-4a59-
b9b8-58444c85faab
SM_V9_1 iris    exon    65605314        65605424        .       -
        .       Parent=Smp_049510.1;Name=94a212d8-45fd-47a5-9d39-
d0c0d53e3670
SM_V9_1 iris    exon    65606408        65606641        .       -
        .       Parent=Smp_049510.1;Name=24462d9c-dcfd-4aa7-bc66-
b354c4fdad7a
SM_V9_1 iris    exon    65607506        65607632        .       -
        .       Parent=Smp_049510.1;Name=fe340e1b-bbe2-4d12-957d-
b4cad77c636d
SM_V9_1 iris    exon    65609679        65609776        .       -
        .       Parent=Smp_049510.1;Name=1a1976f3-0202-4e90-95b9-
ac1872b3be4c
SM_V9_1 iris    exon    65611898        65612049        .       -
        .       Parent=Smp_049510.1;Name=bc0ee649-
cccb-47e0-8b0d-549b4ce029c4
SM_V9_1 iris    exon    65614385        65614480        .       -
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        .       Parent=Smp_049510.1;Name=5337bcf8-
d79f-44f3-9922-60426fc19b34
SM_V9_1 iris    exon    65614512        65614616        .       -
        .
Parent=Smp_049510.1;Name=fa9facff-4cab-462e-881f-4318073304d9
SM_V9_1 iris    exon    65614651        65614961        .       -
        .       Parent=Smp_049510.1;Name=2e51d07d-a90c-4f0a-87b3-
c33803c5aa1e
SM_V9_1 iris    CDS     65600567        65601273        .       -
        2       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65603170        65603963        .       -
        1       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65605314        65605424        .       -
        1       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65606408        65606641        .       -
        1       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65607506        65607632        .       -
        2       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65609679        65609776        .       -
        1       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65611898        65612049        .       -
        0       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65614385        65614480        .       -
        0       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65614512        65614616        .       -
        0       Parent=Smp_049510.1
SM_V9_1 iris    CDS     65614651        65614875        .       -
        0       Parent=Smp_049510.1
SM_V9_1 iris    gene    65641852        65653468        .       +
        .
ID=Smp_049520;geneID=Smp_049520;gene_name=Smp_049520;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    65641852        65653468        .       +
        .
ID=Smp_049520.1;Parent=Smp_049520;geneID=Smp_049520;gene_name=Smp_04
9520;owner=irisadmin@local.host;orig_id=Smp_049520.1;date_last_modif
ied=2022-07-18;Name=Smp_049520.1;product=WD repeat-containing
protein SL1-17;date_creation=2022-07-18
SM_V9_1 iris    exon    65641852        65641879        .       +
        .       Parent=Smp_049520.1;Name=3513ccf3-be03-4c01-
bd20-6d569940715e
SM_V9_1 iris    exon    65643621        65643726        .       +
        .       Parent=Smp_049520.1;Name=47b7d9a7-
df1e-4d79-95f6-3883da7866f0
SM_V9_1 iris    exon    65645204        65645318        .       +
        .       Parent=Smp_049520.1;Name=a7344f7a-cce0-47ca-841c-
e2e7524a3370
SM_V9_1 iris    exon    65648216        65648422        .       +
        .
Parent=Smp_049520.1;Name=4ac3c7c3-98f1-45e9-958e-29318c02e355
SM_V9_1 iris    exon    65649876        65650060        .       +
        .       Parent=Smp_049520.1;Name=50d13ee5-a5d3-44b0-90a0-
ecdbf8c3ea7f
SM_V9_1 iris    exon    65651734        65651908        .       +
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        .       Parent=Smp_049520.1;Name=15f7f2be-ec95-4a8d-
a271-2bdfabe01010
SM_V9_1 iris    exon    65653189        65653468        .       +
        .       Parent=Smp_049520.1;Name=9f590978-2237-4870-
a385-67fcb959dfb3
SM_V9_1 iris    CDS     65641852        65641879        .       +
        0       Parent=Smp_049520.1
SM_V9_1 iris    CDS     65643621        65643726        .       +
        2       Parent=Smp_049520.1
SM_V9_1 iris    CDS     65645204        65645318        .       +
        1       Parent=Smp_049520.1
SM_V9_1 iris    CDS     65648216        65648422        .       +
        0       Parent=Smp_049520.1
SM_V9_1 iris    CDS     65649876        65650060        .       +
        0       Parent=Smp_049520.1
SM_V9_1 iris    CDS     65651734        65651908        .       +
        1       Parent=Smp_049520.1
SM_V9_1 iris    CDS     65653189        65653275        .       +
        0       Parent=Smp_049520.1
SM_V9_1 iris    gene    65660219        65685195        .       +
        .
ID=Smp_148660;geneID=Smp_148660;gene_name=Smp_148660;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    65660219        65685195        .       +
        .
ID=Smp_148660.1;Parent=Smp_148660;geneID=Smp_148660;gene_name=Smp_14
8660;owner=irisadmin@local.host;orig_id=Smp_148660.2;date_last_modif
ied=2022-07-18;Name=Smp_148660.1;product=DNA ligase
4;date_creation=2022-07-18
SM_V9_1 iris    exon    65660219        65660299        .       +
        .
Parent=Smp_148660.1;Name=98510bc9-9dcc-4964-98ca-15add35c08d2
SM_V9_1 iris    exon    65662577        65663079        .       +
        .       Parent=Smp_148660.1;Name=c2020480-
e9d9-4986-8b47-52a981cf414e
SM_V9_1 iris    exon    65665588        65665800        .       +
        .       Parent=Smp_148660.1;Name=83ad6c48-a5d2-4860-bb56-
cb7a986e8203
SM_V9_1 iris    exon    65667577        65667834        .       +
        .       Parent=Smp_148660.1;Name=83a6e87f-8037-4c67-bfaf-
ad4324361985
SM_V9_1 iris    exon    65668659        65668961        .       +
        .       Parent=Smp_148660.1;Name=aa2937d7-313f-4e8c-
a9cc-24f4415d7847
SM_V9_1 iris    exon    65670957        65671454        .       +
        .       Parent=Smp_148660.1;Name=2e8cc362-ded2-4a4f-8adc-
c18791a1a044
SM_V9_1 iris    exon    65676234        65676404        .       +
        .       Parent=Smp_148660.1;Name=ee67fdc0-857b-46d1-
bfa5-4e2ed2e29b01
SM_V9_1 iris    exon    65677716        65677862        .       +
        .
Parent=Smp_148660.1;Name=7cd814ca-56dc-4212-8c7d-39a330e54a2b
SM_V9_1 iris    exon    65679317        65679568        .       +
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        .       Parent=Smp_148660.1;Name=0edb8491-c878-49cd-b462-
a818849dce4f
SM_V9_1 iris    exon    65680661        65680825        .       +
        .       Parent=Smp_148660.1;Name=87855bcc-204d-4668-87bc-
b3fb22973f53
SM_V9_1 iris    exon    65681803        65682102        .       +
        .       Parent=Smp_148660.1;Name=343b246c-e5ca-4ccb-
a38a-74a01deec367
SM_V9_1 iris    exon    65683116        65683484        .       +
        .       Parent=Smp_148660.1;Name=94b7591f-2ce8-4eba-
a1f1-0dd7487cc78e
SM_V9_1 iris    exon    65684459        65685195        .       +
        .       Parent=Smp_148660.1;Name=9bc43e38-afce-4cfe-a277-
d9b63614930a
SM_V9_1 iris    CDS     65662639        65663079        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65665588        65665800        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65667577        65667834        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65668659        65668961        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65670957        65671454        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65676234        65676404        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65677716        65677862        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65679317        65679568        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65680661        65680825        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65681803        65682102        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65683116        65683484        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    CDS     65684459        65684638        .       +
        0       Parent=Smp_148660.1
SM_V9_1 iris    gene    65689308        65733172        .       -
        .
ID=Smp_148670;geneID=Smp_148670;gene_name=Smp_148670;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    65689308        65733172        .       -
        .
ID=Smp_148670.1;Parent=Smp_148670;geneID=Smp_148670;gene_name=Smp_14
8670;owner=irisadmin@local.host;orig_id=Smp_148670.1;date_last_modif
ied=2022-07-18;Name=Smp_148670.1;product=Potassium voltage-gated
channel protein eag;date_creation=2022-07-18
SM_V9_1 iris    exon    65689308        65689956        .       -
        .       Parent=Smp_148670.1;Name=de2cd912-ed33-447c-
aace-4cc1eae7f834
SM_V9_1 iris    exon    65694195        65694428        .       -
        .       Parent=Smp_148670.1;Name=c1b23374-14b9-4ea3-8e0d-
bc11d7196573
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SM_V9_1 iris    exon    65699289        65699485        .       -
        .       Parent=Smp_148670.1;Name=81590d5b-3676-4648-9e79-
ee9148682a9d
SM_V9_1 iris    exon    65701373        65701625        .       -
        .       Parent=Smp_148670.1;Name=0c579f60-10f9-46bf-bcf0-
b3e602ecfd70
SM_V9_1 iris    exon    65703652        65703851        .       -
        .       Parent=Smp_148670.1;Name=3eae9189-0358-4b96-b98a-
f558c0538788
SM_V9_1 iris    exon    65708971        65709379        .       -
        .       Parent=Smp_148670.1;Name=2b3df3fa-e00d-4b02-9654-
ee5c7e1d08fb
SM_V9_1 iris    exon    65711227        65711622        .       -
        .       Parent=Smp_148670.1;Name=5cd480d8-8ebd-4ce3-b4dc-
cdb37159b06a
SM_V9_1 iris    exon    65714916        65715004        .       -
        .       Parent=Smp_148670.1;Name=0a63aa48-dcf1-43cd-8bf9-
fcad7723385b
SM_V9_1 iris    exon    65716539        65716670        .       -
        .       Parent=Smp_148670.1;Name=d9f23d33-239b-4ba0-
b99b-8d413c015fe9
SM_V9_1 iris    exon    65725163        65725393        .       -
        .       Parent=Smp_148670.1;Name=37f5c363-98b3-4416-
a96e-93a1d163f5a7
SM_V9_1 iris    exon    65732913        65733172        .       -
        .       Parent=Smp_148670.1;Name=f3603cf7-6d8e-402c-aca6-
abd6bb090e5d
SM_V9_1 iris    CDS     65689489        65689956        .       -
        0       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65694195        65694428        .       -
        0       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65699289        65699485        .       -
        2       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65701373        65701625        .       -
        0       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65703652        65703851        .       -
        2       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65708971        65709379        .       -
        0       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65711227        65711622        .       -
        0       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65714916        65715004        .       -
        2       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65716539        65716670        .       -
        2       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65725163        65725393        .       -
        2       Parent=Smp_148670.1
SM_V9_1 iris    CDS     65732913        65732991        .       -
        0       Parent=Smp_148670.1
SM_V9_1 Liftoff gene    65742313        65762267        .       +
        .       ID=Smp_319870;geneID=Smp_319870
SM_V9_1 Liftoff mRNA    65742313        65762267        .       +
        .
ID=Smp_319870.1;Parent=Smp_319870;geneID=Smp_319870;product=Dual
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specificity protein kinase Ttk
SM_V9_1 Liftoff exon    65742313        65742362        .       +
        .       Parent=Smp_319870.1
SM_V9_1 Liftoff exon    65753421        65753543        .       +
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SM_V9_1 Liftoff exon    65761951        65762267        .       +
        .       Parent=Smp_319870.1
SM_V9_1 Liftoff CDS     65742356        65742362        .       +
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SM_V9_1 Liftoff CDS     65753421        65753543        .       +
        2       Parent=Smp_319870.1
SM_V9_1 Liftoff CDS     65761951        65762060        .       +
        2       Parent=Smp_319870.1
SM_V9_1 Liftoff gene    65790571        65792905        .       +
        .       ID=Smp_049550;geneID=Smp_049550
SM_V9_1 Liftoff mRNA    65790571        65792905        .       +
        .
ID=Smp_049550.1;Parent=Smp_049550;geneID=Smp_049550;product=78 kDa
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protein;polypeptide_domain=InterPro:IPR013126,IPR018181,IPR029047,IP
R029048 Pfam:PF00012
SM_V9_1 Liftoff exon    65790571        65790860        .       +
        .       Parent=Smp_049550.1
SM_V9_1 Liftoff exon    65790898        65792905        .       +
        .       Parent=Smp_049550.1
SM_V9_1 Liftoff CDS     65790748        65790860        .       +
        0       Parent=Smp_049550.1
SM_V9_1 Liftoff CDS     65790898        65792731        .       +
        1       Parent=Smp_049550.1
SM_V9_1 Liftoff gene    65807165        65841238        .       -
        .
ID=Smp_344130;geneID=Smp_344130;previous_systematic_id=Smp_148680
SM_V9_1 Liftoff mRNA    65807165        65841238        .       -
        .
ID=Smp_344130.1;Parent=Smp_344130;geneID=Smp_344130;product=Axonemal
dynein light chain domain-containing protein 1
SM_V9_1 Liftoff exon    65807165        65807602        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65810325        65810452        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65810509        65810613        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65810677        65810752        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65819930        65820213        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65821654        65822094        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65824883        65824952        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65830710        65830978        .       -
        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65840011        65840169        .       -
        .       Parent=Smp_344130.1
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SM_V9_1 Liftoff exon    65840212        65840278        .       -
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        .       Parent=Smp_344130.1
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        .       Parent=Smp_344130.1
SM_V9_1 Liftoff exon    65840773        65840808        .       -
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SM_V9_1 Liftoff exon    65840841        65840979        .       -
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        .       Parent=Smp_344130.1
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SM_V9_1 Liftoff CDS     65810509        65810613        .       -
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SM_V9_1 Liftoff CDS     65810677        65810752        .       -
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SM_V9_1 Liftoff CDS     65819930        65820213        .       -
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SM_V9_1 Liftoff CDS     65821654        65822094        .       -
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SM_V9_1 Liftoff CDS     65824883        65824952        .       -
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SM_V9_1 Liftoff CDS     65840313        65840405        .       -
        1       Parent=Smp_344130.1
SM_V9_1 Liftoff CDS     65840435        65840529        .       -
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SM_V9_1 Liftoff CDS     65840564        65840735        .       -
        1       Parent=Smp_344130.1
SM_V9_1 Liftoff CDS     65840773        65840808        .       -
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SM_V9_1 Liftoff CDS     65840841        65840979        .       -
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SM_V9_1 Liftoff CDS     65841024        65841075        .       -
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SM_V9_1 iris    gene    65855771        65860234        .       +
        .
ID=Smp_337875;geneID=Smp_337875;gene_name=Smp_337875;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-18
SM_V9_1 iris    mRNA    65855771        65860234        .       +
        .
ID=Smp_337875.1;Parent=Smp_337875;geneID=Smp_337875;gene_name=Smp_33
7875;owner=irisadmin@local.host;orig_id=Smp_337870.1;date_last_modif
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SM_V9_1 iris    exon    65855771        65857670        .       +
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a374-9abbc314d713
SM_V9_1 iris    exon    65859586        65860234        .       +
        .       Parent=Smp_337875.1;Name=cdf76362-049f-448a-
bc68-3a70644c3f9b
SM_V9_1 iris    CDS     65855871        65857670        .       +
        0       Parent=Smp_337875.1
SM_V9_1 iris    CDS     65859586        65860191        .       +
        0       Parent=Smp_337875.1
SM_V9_1 iris    gene    65860289        65888606        .       +
        .
ID=Smp_337870;geneID=Smp_337870;gene_name=Smp_337870;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    65860289        65888606        .       +
        .
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7870;owner=irisadmin@local.host;orig_id=Smp_337870.1;date_last_modif
ied=2022-08-01;Name=Smp_337870.1;product=Citron Rho-interacting
kinase;date_creation=2022-08-01
SM_V9_1 iris    exon    65860289        65860851        .       +
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SM_V9_1 iris    exon    65861055        65861233        .       +
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d30b-4aff-8853-97f49433c1a3
SM_V9_1 iris    exon    65861290        65861450        .       +
        .
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SM_V9_1 iris    exon    65865756        65865851        .       +
        .       Parent=Smp_337870.1;Name=1880cf3e-055b-44b4-
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SM_V9_1 iris    exon    65866067        65866160        .       +
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c2d3038415f3
SM_V9_1 iris    exon    65872007        65872216        .       +
        .       Parent=Smp_337870.1;Name=2fbf980b-
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SM_V9_1 iris    exon    65872280        65872433        .       +
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SM_V9_1 iris    exon    65872989        65873508        .       +
        .
Parent=Smp_337870.1;Name=108287a5-080b-4f79-9174-1b10af994d0c
SM_V9_1 iris    exon    65874919        65875126        .       +
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f6618866d192
SM_V9_1 iris    exon    65876053        65876156        .       +
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SM_V9_1 iris    exon    65876365        65876488        .       +
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SM_V9_1 iris    exon    65877373        65877759        .       +
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SM_V9_1 iris    exon    65880414        65880555        .       +
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SM_V9_1 iris    exon    65881962        65882120        .       +
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SM_V9_1 iris    exon    65882572        65882691        .       +
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SM_V9_1 iris    exon    65882836        65882939        .       +
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SM_V9_1 iris    exon    65883172        65883268        .       +
        .       Parent=Smp_337870.1;Name=77ec8b38-0c6d-4838-
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SM_V9_1 iris    exon    65883804        65883878        .       +
        .
Parent=Smp_337870.1;Name=b9cd2800-28c9-481f-8e7a-1385773ec80d
SM_V9_1 iris    exon    65883964        65884376        .       +
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SM_V9_1 iris    exon    65884498        65884963        .       +
        .       Parent=Smp_337870.1;Name=560c83ed-50a6-447a-b91d-
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SM_V9_1 iris    exon    65887266        65887289        .       +
        .       Parent=Smp_337870.1;Name=ae49ba4c-dd0d-40db-9a5f-
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SM_V9_1 iris    exon    65888189        65888606        .       +
        .       Parent=Smp_337870.1;Name=ebce9742-2ecd-45a7-a150-
f59682ed5dec
SM_V9_1 iris    CDS     65860296        65860851        .       +
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SM_V9_1 iris    CDS     65861055        65861233        .       +
        2       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65861290        65861450        .       +
        0       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65865756        65865851        .       +
        1       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65866067        65866160        .       +
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SM_V9_1 iris    CDS     65872007        65872216        .       +
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SM_V9_1 iris    CDS     65877373        65877759        .       +
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SM_V9_1 iris    CDS     65880414        65880555        .       +
        1       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65881962        65882120        .       +
        0       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65882572        65882691        .       +
        0       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65882836        65882939        .       +
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SM_V9_1 iris    CDS     65883172        65883268        .       +
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SM_V9_1 iris    CDS     65883804        65883878        .       +
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SM_V9_1 iris    CDS     65883964        65884376        .       +
        0       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65884498        65884963        .       +
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SM_V9_1 iris    CDS     65887266        65887289        .       +
        0       Parent=Smp_337870.1
SM_V9_1 iris    CDS     65888189        65888281        .       +
        0       Parent=Smp_337870.1
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        .       ID=Smp_049580;geneID=Smp_049580
SM_V9_1 Liftoff mRNA    65891948        65918277        .       -
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ical protein;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    65891948        65918277        .       -
        .       Parent=Smp_049580.1
SM_V9_1 Liftoff CDS     65893015        65895909        .       -
        0       Parent=Smp_049580.1
SM_V9_1 Liftoff gene    65957422        65966423        .       -
        .       ID=Smp_049600;geneID=Smp_049600
SM_V9_1 Liftoff mRNA    65957422        65966423        .       -
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homolog subfamily C member
3;polypeptide_domain=InterPro:IPR001623,IPR011990,IPR013026,IPR01973
4 Pfam:PF00226,PF13432;Ontology_term=GO:0005515
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SM_V9_1 Liftoff exon    65958725        65959003        .       -
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SM_V9_1 Liftoff exon    65961995        65962112        .       -
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SM_V9_1 Liftoff exon    65965321        65965656        .       -
        .       Parent=Smp_049600.1
SM_V9_1 Liftoff exon    65965687        65965893        .       -
        .       Parent=Smp_049600.1
SM_V9_1 Liftoff exon    65965928        65966002        .       -
        .       Parent=Smp_049600.1
SM_V9_1 Liftoff exon    65966035        65966159        .       -
        .       Parent=Smp_049600.1
SM_V9_1 Liftoff exon    65966189        65966296        .       -
        .       Parent=Smp_049600.1
SM_V9_1 Liftoff exon    65966333        65966423        .       -
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SM_V9_1 Liftoff CDS     65958725        65959003        .       -
        2       Parent=Smp_049600.1
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SM_V9_1 Liftoff CDS     65965321        65965656        .       -
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        0       Parent=Smp_049600.1
SM_V9_1 Liftoff CDS     65965928        65966002        .       -
        0       Parent=Smp_049600.1
SM_V9_1 Liftoff CDS     65966035        65966159        .       -
        2       Parent=Smp_049600.1
SM_V9_1 Liftoff CDS     65966189        65966296        .       -
        2       Parent=Smp_049600.1
SM_V9_1 Liftoff CDS     65966333        65966396        .       -
        0       Parent=Smp_049600.1
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        .
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SM_V9_1 iris    mRNA    65975808        65985144        .       +
        .
ID=Smp_049610.1;Parent=Smp_049610;geneID=Smp_049610;gene_name=Smp_04
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ied=2022-08-01;Name=Smp_049610.1;product=Meckel syndrome type 1
protein homolog;date_creation=2022-08-01
SM_V9_1 iris    exon    65975808        65975894        .       +
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SM_V9_1 iris    exon    65975924        65976014        .       +
        .       Parent=Smp_049610.1;Name=669b8700-1d45-4e9b-
baf7-0d51e32d5a5d
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acda-9e2b36138ab6
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SM_V9_1 iris    exon    65978722        65978990        .       +
        .       Parent=Smp_049610.1;Name=26650297-22eb-42cc-
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SM_V9_1 iris    exon    65979025        65979107        .       +
        .
Parent=Smp_049610.1;Name=e971a95d-5647-4263-85a7-164f2fd0956b
SM_V9_1 iris    exon    65979143        65979199        .       +
        .       Parent=Smp_049610.1;Name=82bb1ea0-484c-43df-
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SM_V9_1 iris    exon    65979235        65979277        .       +
        .
Parent=Smp_049610.1;Name=6cb94148-3109-45c4-9c8f-27070c6c0678
SM_V9_1 iris    exon    65979306        65979368        .       +
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bc75fbd7ec03
SM_V9_1 iris    exon    65979404        65979474        .       +
        .       Parent=Smp_049610.1;Name=45889321-df6f-4cbc-9739-
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SM_V9_1 iris    exon    65979838        65979904        .       +
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SM_V9_1 iris    exon    65981132        65981251        .       +
        .       Parent=Smp_049610.1;Name=a0194997-31c8-4c68-
ba27-104f2c91d5d0
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        .
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        .       Parent=Smp_049610.1;Name=34c1cdc6-
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SM_V9_1 iris    exon    65984847        65984906        .       +
        .       Parent=Smp_049610.1;Name=246ad074-c284-4b77-a072-
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SM_V9_1 iris    exon    65984952        65984989        .       +
        .       Parent=Smp_049610.1;Name=9295bc97-fd5c-4290-9777-
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SM_V9_1 iris    exon    65985030        65985144        .       +
        .       Parent=Smp_049610.1;Name=0398ac6c-0d66-447e-9ca9-
d47c49419f50
SM_V9_1 iris    CDS     65975833        65975894        .       +
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SM_V9_1 iris    CDS     65975924        65976014        .       +
        1       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65978388        65978470        .       +
        0       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65978503        65978572        .       +
        1       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65978605        65978687        .       +
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SM_V9_1 iris    CDS     65978722        65978990        .       +
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SM_V9_1 iris    CDS     65979404        65979474        .       +
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SM_V9_1 iris    CDS     65979838        65979904        .       +
        0       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65981132        65981251        .       +
        2       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65981820        65981953        .       +
        2       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65983476        65983558        .       +
        0       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65984847        65984906        .       +
        1       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65984952        65984989        .       +
        1       Parent=Smp_049610.1
SM_V9_1 iris    CDS     65985030        65985106        .       +
        2       Parent=Smp_049610.1
SM_V9_1 Liftoff gene    65984715        65990546        .       -
        .       ID=Smp_049630;geneID=Smp_049630
SM_V9_1 Liftoff mRNA    65984715        65990546        .       -
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1;polypeptide_domain=InterPro:IPR001965,IPR011011,IPR013083,IPR01978
6,IPR019787
SM_V9_1 Liftoff exon    65984715        65986752        .       -
        .       Parent=Smp_049630.1
SM_V9_1 Liftoff exon    65989954        65990546        .       -
        .       Parent=Smp_049630.1
SM_V9_1 Liftoff CDS     65985208        65986752        .       -
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SM_V9_1 Liftoff CDS     65989954        65990217        .       -
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SM_V9_1 iris    mRNA    66016137        66020284        .       +
        .
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SM_V9_1 iris    exon    66016137        66016373        .       +
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SM_V9_1 iris    CDS     66016149        66016373        .       +
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SM_V9_1 Liftoff mRNA    66020877        66022067        .       -
        .
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SM_V9_1 Liftoff exon    66021307        66021458        .       -
        .       Parent=Smp_196260.1
SM_V9_1 Liftoff exon    66021490        66021640        .       -
        .       Parent=Smp_196260.1
SM_V9_1 Liftoff exon    66021655        66021735        .       -
        .       Parent=Smp_196260.1
SM_V9_1 Liftoff exon    66021768        66022067        .       -
        .       Parent=Smp_196260.1
SM_V9_1 Liftoff CDS     66021061        66021276        .       -
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SM_V9_1 Liftoff CDS     66021307        66021458        .       -
        2       Parent=Smp_196260.1
SM_V9_1 Liftoff CDS     66021490        66021640        .       -
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SM_V9_1 Liftoff CDS     66021768        66021827        .       -
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SM_V9_1 Liftoff gene    66032161        66033197        .       +
        .       ID=Smp_049680;geneID=Smp_049680
SM_V9_1 Liftoff mRNA    66032161        66033197        .       +
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sor interacting with RBPJ 1;polypeptide_domain=InterPro:IPR019339
Pfam:PF10197
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SM_V9_1 Liftoff exon    66032491        66033197        .       +
        .       Parent=Smp_049680.1
SM_V9_1 Liftoff CDS     66032213        66032452        .       +
        0       Parent=Smp_049680.1
SM_V9_1 Liftoff CDS     66032491        66032997        .       +
        0       Parent=Smp_049680.1
SM_V9_1 Liftoff gene    66036191        66071824        .       -
        .       ID=Smp_148720;geneID=Smp_148720
SM_V9_1 Liftoff mRNA    66036191        66071824        .       -
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075,IPR029262
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SM_V9_1 Liftoff exon    66038698        66038789        .       -
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        .       Parent=Smp_148720.1
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        .       Parent=Smp_148720.1
SM_V9_1 Liftoff exon    66045855        66045933        .       -
        .       Parent=Smp_148720.1
SM_V9_1 Liftoff exon    66047600        66047711        .       -
        .       Parent=Smp_148720.1
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        .       Parent=Smp_148720.1
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SM_V9_1 Liftoff exon    66058357        66058427        .       -
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SM_V9_1 Liftoff exon    66059382        66059475        .       -
        .       Parent=Smp_148720.1
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SM_V9_1 Liftoff exon    66062124        66062330        .       -
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SM_V9_1 Liftoff exon    66065694        66065951        .       -
        .       Parent=Smp_148720.1
SM_V9_1 Liftoff exon    66070170        66070298        .       -
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SM_V9_1 Liftoff exon    66071216        66071595        .       -
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SM_V9_1 Liftoff exon    66071645        66071824        .       -
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SM_V9_1 Liftoff CDS     66036310        66036359        .       -
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SM_V9_1 Liftoff CDS     66047600        66047711        .       -
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SM_V9_1 Liftoff CDS     66048860        66048944        .       -
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SM_V9_1 Liftoff CDS     66049410        66049530        .       -
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SM_V9_1 Liftoff CDS     66051268        66051365        .       -
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SM_V9_1 Liftoff CDS     66054123        66054271        .       -
        2       Parent=Smp_148720.1
SM_V9_1 Liftoff CDS     66055275        66055410        .       -
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        0       Parent=Smp_148720.1
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SM_V9_1 Liftoff CDS     66061039        66061212        .       -
        0       Parent=Smp_148720.1
SM_V9_1 Liftoff CDS     66062124        66062330        .       -
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SM_V9_1 Liftoff CDS     66065694        66065951        .       -
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        2       Parent=Smp_148720.1
SM_V9_1 Liftoff CDS     66071645        66071723        .       -
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SM_V9_1 iris    exon    66176466        66176528        .       +
        .       Parent=Smp_187800.1;Name=a6a51e10-
dbbe-46f4-8927-7b7b7cd2e0e6
SM_V9_1 iris    exon    66178242        66178363        .       +
        .       Parent=Smp_187800.1;Name=6394a41b-bf50-413b-aec5-
fb8406544106
SM_V9_1 iris    exon    66180733        66180905        .       +
        .       Parent=Smp_187800.1;Name=60865e46-d451-4e88-9361-
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SM_V9_1 iris    exon    66211380        66211581        .       +
        .       Parent=Smp_187800.1;Name=ee106c54-ad68-43f3-b48d-
dc2adf1cf97d
SM_V9_1 iris    exon    66228359        66228575        .       +
        .       Parent=Smp_187800.1;Name=640bb8f9-0d94-450b-
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SM_V9_1 iris    exon    66238536        66238697        .       +
        .       Parent=Smp_187800.1;Name=cb6a105c-b645-41db-bc35-
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SM_V9_1 iris    exon    66241062        66241394        .       +
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SM_V9_1 iris    exon    66273979        66274164        .       +
        .       Parent=Smp_187800.1;Name=5f35a8dc-5732-47cf-
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SM_V9_1 iris    exon    66291658        66293374        .       +
        .       Parent=Smp_187800.1;Name=d667b1fe-5cc0-485a-
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SM_V9_1 iris    exon    66299149        66299887        .       +
        .       Parent=Smp_187800.1;Name=ce2f150b-a29e-42e4-8617-
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SM_V9_1 iris    exon    66308920        66309549        .       +
        .       Parent=Smp_187800.1;Name=49684bf4-a999-48ee-a4fa-
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SM_V9_1 iris    exon    66330489        66330720        .       +
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SM_V9_1 iris    exon    66332512        66333373        .       +
        .       Parent=Smp_187800.1;Name=c8e686b3-
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SM_V9_1 iris    CDS     66141414        66141726        .       +
        0       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66176466        66176528        .       +
        2       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66178242        66178363        .       +
        2       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66180733        66180905        .       +
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        0       Parent=Smp_187800.1
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SM_V9_1 iris    CDS     66228359        66228575        .       +
        0       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66238536        66238697        .       +
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SM_V9_1 iris    CDS     66241062        66241394        .       +
        2       Parent=Smp_187800.1
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        2       Parent=Smp_187800.1
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        2       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66291658        66293374        .       +
        2       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66299149        66299887        .       +
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SM_V9_1 iris    CDS     66308920        66309549        .       +
        0       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66330489        66330720        .       +
        0       Parent=Smp_187800.1
SM_V9_1 iris    CDS     66332512        66333191        .       +
        2       Parent=Smp_187800.1
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SM_V9_1 iris    mRNA    66336670        66356222        .       -
        .
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dehydratase;date_creation=2022-07-18
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        .       Parent=Smp_049730.1;Name=5f559e0b-61a1-47ff-
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SM_V9_1 iris    exon    66340607        66340784        .       -
        .       Parent=Smp_049730.1;Name=c07f91e1-6e27-4a35-a656-
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SM_V9_1 iris    exon    66341820        66341938        .       -
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SM_V9_1 iris    exon    66346033        66346579        .       -
        .       Parent=Smp_049730.1;Name=2499a8d0-30dd-4961-
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SM_V9_1 iris    exon    66349583        66349892        .       -
        .
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SM_V9_1 iris    exon    66350209        66350612        .       -
        .       Parent=Smp_049730.1;Name=e678c90c-
bb0f-4f52-8ec8-2f6d02c91a67
SM_V9_1 iris    exon    66351122        66351371        .       -
        .       Parent=Smp_049730.1;Name=cadc0632-3fac-4cf2-
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SM_V9_1 iris    exon    66351616        66351683        .       -
        .       Parent=Smp_049730.1;Name=da7d2f33-7b59-4f0e-
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SM_V9_1 iris    exon    66356042        66356222        .       -
        .       Parent=Smp_049730.1;Name=a434e0b1-6eb8-43de-9424-
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SM_V9_1 iris    CDS     66337309        66337525        .       -
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SM_V9_1 iris    CDS     66340607        66340784        .       -
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SM_V9_1 iris    CDS     66341820        66341938        .       -
        1       Parent=Smp_049730.1
SM_V9_1 iris    CDS     66346033        66346579        .       -
        2       Parent=Smp_049730.1
SM_V9_1 iris    CDS     66349583        66349892        .       -
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SM_V9_1 iris    CDS     66350209        66350612        .       -
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SM_V9_1 iris    CDS     66351122        66351371        .       -
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SM_V9_1 iris    CDS     66351488        66351581        .       -
        0       Parent=Smp_049730.1
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        2       Parent=Smp_049730.1
SM_V9_1 iris    CDS     66356042        66356072        .       -
        0       Parent=Smp_049730.1
SM_V9_1 iris    gene    66366977        66425679        .       +
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        .
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protein;date_creation=2022-07-11
SM_V9_1 iris    exon    66366977        66368209        .       +
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SM_V9_1 iris    exon    66374475        66374635        .       +
        .       Parent=Smp_049740.1;Name=b59f4fa1-faa0-4c85-aa65-
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SM_V9_1 iris    exon    66376049        66376125        .       +
        .       Parent=Smp_049740.1;Name=f201f2d3-c743-4a73-ae13-
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SM_V9_1 iris    exon    66376769        66377272        .       +
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Parent=Smp_049740.1;Name=0f615316-6093-478a-9d14-7c313f2622d5
SM_V9_1 iris    exon    66403076        66403285        .       +
        .       Parent=Smp_049740.1;Name=a3f69c9b-0ac6-45c7-
b280-589f550b3a20
SM_V9_1 iris    exon    66409831        66410030        .       +
        .
Parent=Smp_049740.1;Name=d4ef18ea-250e-4062-91c3-53b4cca664d6
SM_V9_1 iris    exon    66412222        66412321        .       +
        .       Parent=Smp_049740.1;Name=0709944e-9271-4750-9278-
bd035789e5e5
SM_V9_1 iris    exon    66422049        66422230        .       +
        .       Parent=Smp_049740.1;Name=85a9366a-660e-4ecf-
b642-5737686ac023
SM_V9_1 iris    exon    66423450        66423579        .       +
        .
Parent=Smp_049740.1;Name=80e28031-50d1-4127-8a1f-720347788f64
SM_V9_1 iris    exon    66424377        66425679        .       +
        .       Parent=Smp_049740.1;Name=c48b7a7d-
e3a3-4d93-97f8-3edbc6c968d0
SM_V9_1 iris    CDS     66367335        66368209        .       +
        0       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66374475        66374635        .       +
        1       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66376049        66376125        .       +
        2       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66376769        66377272        .       +
        0       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66403076        66403285        .       +
        0       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66409831        66410030        .       +
        0       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66412222        66412321        .       +
        1       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66422049        66422230        .       +
        0       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66423450        66423579        .       +
        1       Parent=Smp_049740.1
SM_V9_1 iris    CDS     66424377        66424748        .       +
        0       Parent=Smp_049740.1
SM_V9_1 iris    gene    66454417        66464230        .       +
        .
ID=Smp_154340;geneID=Smp_154340;gene_name=Smp_154340;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    66454417        66464230        .       +
        .
ID=Smp_154340.1;Parent=Smp_154340;geneID=Smp_154340;gene_name=Smp_15
4340;owner=irisadmin@local.host;orig_id=Smp_154340.1;date_last_modif
ied=2022-07-11;Name=Smp_154340.1;product=Nuclear transcription
factor Y subunit beta;date_creation=2022-07-11
SM_V9_1 iris    exon    66454417        66454512        .       +
        .       Parent=Smp_154340.1;Name=32652260-
cbd2-417c-8f8c-7a7d9d695cf8
SM_V9_1 iris    exon    66460345        66460492        .       +
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        .       Parent=Smp_154340.1;Name=dc7f33c5-5052-41e3-805a-
e2810a702673
SM_V9_1 iris    exon    66460528        66460593        .       +
        .
Parent=Smp_154340.1;Name=19d55c1c-8e28-473d-8548-09821922c80a
SM_V9_1 iris    exon    66460639        66460706        .       +
        .       Parent=Smp_154340.1;Name=1b8ac5c2-
ac6d-4d6d-85fa-1d5f89608cd8
SM_V9_1 iris    exon    66460742        66460871        .       +
        .
Parent=Smp_154340.1;Name=5aed6210-93ca-4f42-88dd-94b74088bf27
SM_V9_1 iris    exon    66462213        66462533        .       +
        .
Parent=Smp_154340.1;Name=b2abf4c7-062e-4b3a-93aa-3413cbc4bab5
SM_V9_1 iris    exon    66463477        66464230        .       +
        .       Parent=Smp_154340.1;Name=dc1b11b7-2bbb-42eb-b03a-
adc5ac5a2f19
SM_V9_1 iris    CDS     66460349        66460492        .       +
        0       Parent=Smp_154340.1
SM_V9_1 iris    CDS     66460528        66460593        .       +
        0       Parent=Smp_154340.1
SM_V9_1 iris    CDS     66460639        66460706        .       +
        0       Parent=Smp_154340.1
SM_V9_1 iris    CDS     66460742        66460871        .       +
        1       Parent=Smp_154340.1
SM_V9_1 iris    CDS     66462213        66462533        .       +
        0       Parent=Smp_154340.1
SM_V9_1 iris    CDS     66463477        66463545        .       +
        0       Parent=Smp_154340.1
SM_V9_1 iris    gene    66465318        66480402        .       -
        .
ID=Smp_059820;geneID=Smp_059820;gene_name=Smp_059820;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    66465318        66480402        .       -
        .
ID=Smp_059820.1;Parent=Smp_059820;geneID=Smp_059820;gene_name=Smp_05
9820;owner=irisadmin@local.host;orig_id=Smp_059820.2;date_last_modif
ied=2022-07-11;Name=Smp_059820.1;product=Protein rolling
stone;date_creation=2022-07-11
SM_V9_1 iris    exon    66465318        66465871        .       -
        .       Parent=Smp_059820.1;Name=8f9c0fdf-31f4-4295-ad9f-
d71555d46f0c
SM_V9_1 iris    exon    66468267        66468544        .       -
        .       Parent=Smp_059820.1;Name=eb436d7f-3eb8-44c1-8e8f-
a5b5586048aa
SM_V9_1 iris    exon    66471418        66471534        .       -
        .       Parent=Smp_059820.1;Name=683906b7-5520-477c-
b2cc-7be6d806a887
SM_V9_1 iris    exon    66474735        66474951        .       -
        .       Parent=Smp_059820.1;Name=b6fac4b2-3698-4728-
b75a-2f8cc8c65423
SM_V9_1 iris    exon    66479960        66480402        .       -
        .
Parent=Smp_059820.1;Name=e9cd9585-8728-4d80-88b7-069211875bae
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SM_V9_1 iris    CDS     66465653        66465871        .       -
        0       Parent=Smp_059820.1
SM_V9_1 iris    CDS     66468267        66468544        .       -
        2       Parent=Smp_059820.1
SM_V9_1 iris    CDS     66471418        66471534        .       -
        2       Parent=Smp_059820.1
SM_V9_1 iris    CDS     66474735        66474951        .       -
        0       Parent=Smp_059820.1
SM_V9_1 iris    CDS     66479960        66480097        .       -
        0       Parent=Smp_059820.1
SM_V9_1 iris    gene    66498203        66502473        .       -
        .
ID=Smp_059810;geneID=Smp_059810;gene_name=Smp_059810;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    66498203        66502473        .       -
        .
ID=Smp_059810.1;Parent=Smp_059810;geneID=Smp_059810;gene_name=Smp_05
9810;owner=irisadmin@local.host;orig_id=Smp_059810.1;date_last_modif
ied=2022-07-11;Name=Smp_059810.1;product=THO complex subunit 7
homolog;date_creation=2022-07-11
SM_V9_1 iris    exon    66498203        66498433        .       -
        .
Parent=Smp_059810.1;Name=ad27c2fd-3bc3-4a67-88f4-298feb4b128e
SM_V9_1 iris    exon    66498487        66498623        .       -
        .       Parent=Smp_059810.1;Name=04c38738-
de64-4e66-90a5-9ee2080e6fe3
SM_V9_1 iris    exon    66500533        66500590        .       -
        .       Parent=Smp_059810.1;Name=8644fa76-ec2c-44f9-ade2-
cceacc046d09
SM_V9_1 iris    exon    66500624        66500710        .       -
        .       Parent=Smp_059810.1;Name=41c37471-ccd5-494d-
b40b-6df0316ce349
SM_V9_1 iris    exon    66500743        66500870        .       -
        .       Parent=Smp_059810.1;Name=4ada70f1-593c-4674-
ab23-787ab097c233
SM_V9_1 iris    exon    66500904        66501024        .       -
        .       Parent=Smp_059810.1;Name=82b8bf2b-42be-46d1-a32c-
b37f1d643e59
SM_V9_1 iris    exon    66501068        66501163        .       -
        .
Parent=Smp_059810.1;Name=7c4201af-98cb-4cb2-9374-3e878aac8861
SM_V9_1 iris    exon    66502444        66502473        .       -
        .       Parent=Smp_059810.1;Name=05545fbb-3ff2-4bb1-
b69f-15217e356a8d
SM_V9_1 iris    CDS     66498339        66498433        .       -
        2       Parent=Smp_059810.1
SM_V9_1 iris    CDS     66498487        66498623        .       -
        1       Parent=Smp_059810.1
SM_V9_1 iris    CDS     66500533        66500590        .       -
        2       Parent=Smp_059810.1
SM_V9_1 iris    CDS     66500624        66500710        .       -
        2       Parent=Smp_059810.1
SM_V9_1 iris    CDS     66500743        66500870        .       -
        1       Parent=Smp_059810.1
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SM_V9_1 iris    CDS     66500904        66501024        .       -
        2       Parent=Smp_059810.1
SM_V9_1 iris    CDS     66501068        66501086        .       -
        0       Parent=Smp_059810.1
SM_V9_1 iris    gene    66518058        66531011        .       +
        .
ID=Smp_302450;geneID=Smp_302450;gene_name=Smp_302450;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    66518058        66531011        .       +
        .
ID=Smp_302450.1;Parent=Smp_302450;geneID=Smp_302450;gene_name=Smp_30
2450;owner=irisadmin@local.host;orig_id=Smp_302450.1;date_last_modif
ied=2022-07-11;Name=Smp_302450.1;product=Decaprenyl-diphosphate
synthase subunit 1;date_creation=2022-07-11
SM_V9_1 iris    exon    66518058        66518175        .       +
        .       Parent=Smp_302450.1;Name=1da3bf2b-8223-4948-
aa34-8f9c086907c3
SM_V9_1 iris    exon    66518212        66518322        .       +
        .       Parent=Smp_302450.1;Name=abd6524c-aed2-459b-
b412-3118ff4ba46d
SM_V9_1 iris    exon    66518364        66518547        .       +
        .       Parent=Smp_302450.1;Name=e155b1aa-5139-4716-91bf-
a4d6791ad5dc
SM_V9_1 iris    exon    66518589        66518734        .       +
        .
Parent=Smp_302450.1;Name=7309e385-059f-4875-8c7f-5cc71b9d52f1
SM_V9_1 iris    exon    66519936        66520047        .       +
        .       Parent=Smp_302450.1;Name=471d1808-7f3b-464f-
aa29-099d96794c84
SM_V9_1 iris    exon    66520091        66520203        .       +
        .       Parent=Smp_302450.1;Name=a4b1487b-6d36-4b22-
a36a-2ad5f43eacfd
SM_V9_1 iris    exon    66526515        66526715        .       +
        .
Parent=Smp_302450.1;Name=99c63d2c-865d-41de-8008-5ed1c0e7e2c3
SM_V9_1 iris    exon    66528757        66528837        .       +
        .       Parent=Smp_302450.1;Name=f0ee2990-bd34-46bf-
b31a-2c7cb06ae447
SM_V9_1 iris    exon    66530545        66531011        .       +
        .       Parent=Smp_302450.1;Name=899b5f08-838d-4b15-8fdd-
b06ada9b5fb4
SM_V9_1 iris    CDS     66518122        66518175        .       +
        0       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66518212        66518322        .       +
        0       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66518364        66518547        .       +
        0       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66518589        66518734        .       +
        2       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66519936        66520047        .       +
        0       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66520091        66520203        .       +
        2       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66526515        66526715        .       +
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        0       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66528757        66528837        .       +
        0       Parent=Smp_302450.1
SM_V9_1 iris    CDS     66530545        66530685        .       +
        0       Parent=Smp_302450.1
SM_V9_1 iris    gene    66540859        66552827        .       +
        .
ID=Smp_302460;geneID=Smp_302460;gene_name=Smp_302460;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    66540859        66552827        .       +
        .
ID=Smp_302460.1;Parent=Smp_302460;geneID=Smp_302460;gene_name=Smp_30
2460;owner=irisadmin@local.host;orig_id=Smp_302460.1;date_last_modif
ied=2022-08-01;Name=Smp_302460.1;product=Transketolase;date_creation
=2022-08-01
SM_V9_1 iris    exon    66540859        66541014        .       +
        .       Parent=Smp_302460.1;Name=e649c657-2961-46b0-
afbc-27c8d401fed9
SM_V9_1 iris    exon    66541049        66541166        .       +
        .
Parent=Smp_302460.1;Name=cfeb5d5f-720c-4740-8b72-88049abd81d6
SM_V9_1 iris    exon    66541199        66541312        .       +
        .       Parent=Smp_302460.1;Name=cf139da9-
d8b4-4e83-8f14-3690a6a28cf5
SM_V9_1 iris    exon    66541342        66541631        .       +
        .       Parent=Smp_302460.1;Name=83df71cc-5a54-41f9-bc98-
dc0e0298ce5a
SM_V9_1 iris    exon    66543420        66543750        .       +
        .       Parent=Smp_302460.1;Name=bdbffd1b-
d142-4df0-87f3-76cfd7f43c2a
SM_V9_1 iris    exon    66543919        66544240        .       +
        .       Parent=Smp_302460.1;Name=1b96f67b-08e4-467e-
a904-34114ee37ee3
SM_V9_1 iris    exon    66549455        66549669        .       +
        .       Parent=Smp_302460.1;Name=ca87ccd4-8739-41b7-952e-
d78c7de21a69
SM_V9_1 iris    exon    66550313        66550535        .       +
        .       Parent=Smp_302460.1;Name=dd3911ba-
dbb5-4db7-9518-4d1656ce7c94
SM_V9_1 iris    exon    66552341        66552827        .       +
        .
Parent=Smp_302460.1;Name=ebee638c-4b6e-4e79-92ad-00e9902f656f
SM_V9_1 iris    CDS     66540932        66541014        .       +
        0       Parent=Smp_302460.1
SM_V9_1 iris    CDS     66541049        66541166        .       +
        1       Parent=Smp_302460.1
SM_V9_1 iris    CDS     66541199        66541312        .       +
        0       Parent=Smp_302460.1
SM_V9_1 iris    CDS     66541342        66541631        .       +
        0       Parent=Smp_302460.1
SM_V9_1 iris    CDS     66543420        66543750        .       +
        1       Parent=Smp_302460.1
SM_V9_1 iris    CDS     66543919        66544240        .       +
        0       Parent=Smp_302460.1
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SM_V9_1 iris    CDS     66549455        66549669        .       +
        2       Parent=Smp_302460.1
SM_V9_1 iris    CDS     66550313        66550535        .       +
        0       Parent=Smp_302460.1
SM_V9_1 iris    CDS     66552341        66552519        .       +
        2       Parent=Smp_302460.1
SM_V9_1 iris    gene    66562016        66572619        .       -
        .
ID=Smp_302470;geneID=Smp_302470;gene_name=Smp_302470;owner=irisadmin
@local.host;date_last_modified=2022-07-11;date_creation=2022-07-11
SM_V9_1 iris    mRNA    66562016        66572619        .       -
        .
ID=Smp_302470.1;Parent=Smp_302470;geneID=Smp_302470;gene_name=Smp_30
2470;owner=irisadmin@local.host;orig_id=Smp_302470.1;date_last_modif
ied=2022-07-11;Name=Smp_302470.1;product=Lon
protease;date_creation=2022-07-11
SM_V9_1 iris    exon    66562016        66562378        .       -
        .
Parent=Smp_302470.1;Name=b620f862-21e5-4c29-88b1-3d93891b81d3
SM_V9_1 iris    exon    66564290        66564434        .       -
        .       Parent=Smp_302470.1;Name=2b8ca6e7-b050-4c05-
a14f-8d2dc3d839a9
SM_V9_1 iris    exon    66564816        66564898        .       -
        .       Parent=Smp_302470.1;Name=d820308b-
b306-4270-9f0f-28c37d095857
SM_V9_1 iris    exon    66572343        66572619        .       -
        .       Parent=Smp_302470.1;Name=4342d8b6-9ddd-4b7a-
b988-1d7537ed69c7
SM_V9_1 iris    CDS     66562337        66562378        .       -
        0       Parent=Smp_302470.1
SM_V9_1 iris    CDS     66564290        66564434        .       -
        1       Parent=Smp_302470.1
SM_V9_1 iris    CDS     66564816        66564898        .       -
        0       Parent=Smp_302470.1
SM_V9_1 iris    CDS     66572343        66572588        .       -
        0       Parent=Smp_302470.1
SM_V9_1 iris    gene    66581202        66598196        .       +
        .
ID=Smp_302480;geneID=Smp_302480;gene_name=Smp_302480;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_1 iris    mRNA    66581202        66598196        .       +
        .
ID=Smp_302480.2;Parent=Smp_302480;geneID=Smp_302480;gene_name=Smp_30
2480;owner=irisadmin@local.host;date_last_modified=2022-10-06;Name=S
mp_302480.2;date_creation=2022-08-15
SM_V9_1 iris    exon    66581202        66581313        .       +
        .       Parent=Smp_302480.2;Name=75d2bc8c-ecf6-40d4-ad13-
daf13b34e3a0
SM_V9_1 iris    exon    66581348        66581441        .       +
        .       Parent=Smp_302480.2;Name=37a49a65-e816-4b0e-84c1-
eed212b01e22
SM_V9_1 iris    exon    66581483        66581532        .       +
        .       Parent=Smp_302480.2;Name=d8353678-5f6f-4e93-9b83-
e54c07f30278
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SM_V9_1 iris    exon    66585079        66585212        .       +
        .       Parent=Smp_302480.2;Name=840f4c77-83d2-4277-b710-
f237e93a27d8
SM_V9_1 iris    exon    66585254        66585399        .       +
        .       Parent=Smp_302480.2;Name=d6a53f2e-1182-49a1-bf94-
dcf4baead414
SM_V9_1 iris    exon    66586601        66586712        .       +
        .       Parent=Smp_302480.2;Name=945e15e7-c0b7-4561-
afc5-3851147c4e21
SM_V9_1 iris    exon    66586756        66586868        .       +
        .       Parent=Smp_302480.2;Name=d6241ed6-ae7f-4012-
a6a9-6e442f1d7faa
SM_V9_1 iris    exon    66593642        66593842        .       +
        .       Parent=Smp_302480.2;Name=ffe27ea0-
ffac-4857-8eb4-61c777266a9d
SM_V9_1 iris    exon    66595884        66595964        .       +
        .
Parent=Smp_302480.2;Name=a514d091-14e8-4c72-9e71-51bc2e53f62a
SM_V9_1 iris    exon    66597672        66598196        .       +
        .
Parent=Smp_302480.2;Name=0c8e61a8-6a22-4228-91fa-3ff83b215a6a
SM_V9_1 iris    CDS     66585301        66585399        .       +
        0       Parent=Smp_302480.2
SM_V9_1 iris    CDS     66586601        66586712        .       +
        0       Parent=Smp_302480.2
SM_V9_1 iris    CDS     66586756        66586868        .       +
        2       Parent=Smp_302480.2
SM_V9_1 iris    CDS     66593642        66593842        .       +
        0       Parent=Smp_302480.2
SM_V9_1 iris    CDS     66595884        66595964        .       +
        0       Parent=Smp_302480.2
SM_V9_1 iris    CDS     66597672        66597812        .       +
        0       Parent=Smp_302480.2
SM_V9_1 iris    mRNA    66593409        66598196        .       +
        .
ID=Smp_302480.1;Parent=Smp_302480;geneID=Smp_302480;gene_name=Smp_30
2480;owner=irisadmin@local.host;orig_id=Smp_302480.1;date_last_modif
ied=2022-08-15;Name=Smp_302480.1;product=Decaprenyl-diphosphate
synthase subunit 1;date_creation=2022-08-15
SM_V9_1 iris    exon    66593409        66593440        .       +
        .       Parent=Smp_302480.1;Name=e594ae0d-
af66-4e9f-902d-5d5954aa5e27
SM_V9_1 iris    exon    66593642        66593842        .       +
        .       Parent=Smp_302480.1;Name=86bcc8f9-
c1ed-4a5f-830d-77d45afd0d41
SM_V9_1 iris    exon    66595884        66595964        .       +
        .       Parent=Smp_302480.1;Name=04efd9ec-85d0-430e-
ba35-1572746d630d
SM_V9_1 iris    exon    66597672        66598196        .       +
        .
Parent=Smp_302480.1;Name=09aeec15-5d96-4b17-8b96-893d04d85813
SM_V9_1 iris    CDS     66593648        66593842        .       +
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SM_V9_1 iris    CDS     66595884        66595964        .       +
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        0       Parent=Smp_302480.1
SM_V9_1 iris    CDS     66597672        66597812        .       +
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SM_V9_1 iris    gene    66608009        66619935        .       +
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@local.host;date_last_modified=2022-11-09;date_creation=2022-11-09
SM_V9_1 iris    mRNA    66608009        66619935        .       +
        .
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9790;owner=irisadmin@local.host;orig_id=Smp_059790.1;date_last_modif
ied=2022-11-09;Name=Smp_059790.1;product=Transketolase;date_creation
=2022-11-09
SM_V9_1 iris    exon    66608009        66608141        .       +
        .       Parent=Smp_059790.1;Name=4ca464a9-02dc-4c78-99c2-
aae7f286e75c
SM_V9_1 iris    exon    66608176        66608293        .       +
        .       Parent=Smp_059790.1;Name=b2ba7f5e-0295-462c-a205-
de4abf73d0d3
SM_V9_1 iris    exon    66608326        66608439        .       +
        .       Parent=Smp_059790.1;Name=7e28f34e-0d7d-4383-a5d9-
b4fef58d4cad
SM_V9_1 iris    exon    66608469        66608758        .       +
        .
Parent=Smp_059790.1;Name=d2fda054-6871-4ff8-9bf0-2d8ac0b6eaa8
SM_V9_1 iris    exon    66610532        66610562        .       +
        .       Parent=Smp_059790.1;Name=03f4731c-6432-4023-
bee5-53c137272828
SM_V9_1 iris    exon    66610565        66610858        .       +
        .
Parent=Smp_059790.1;Name=d1e6d55f-580f-42f5-8181-544b3812e641
SM_V9_1 iris    exon    66611027        66611348        .       +
        .       Parent=Smp_059790.1;Name=bc9b6faa-cf02-4393-
b60e-51d6afb9e730
SM_V9_1 iris    exon    66616563        66616777        .       +
        .
Parent=Smp_059790.1;Name=42404835-6d7f-410b-92cd-8935b363b77d
SM_V9_1 iris    exon    66617421        66617643        .       +
        .       Parent=Smp_059790.1;Name=8e2178a0-0311-4973-
b8ea-1db496985d7f
SM_V9_1 iris    exon    66619449        66619935        .       +
        .       Parent=Smp_059790.1;Name=9385e0ca-76cf-44ba-8b7a-
fe0182a0ece9
SM_V9_1 iris    CDS     66608059        66608141        .       +
        0       Parent=Smp_059790.1
SM_V9_1 iris    CDS     66608176        66608293        .       +
        1       Parent=Smp_059790.1
SM_V9_1 iris    CDS     66608326        66608439        .       +
        0       Parent=Smp_059790.1
SM_V9_1 iris    CDS     66608469        66608758        .       +
        0       Parent=Smp_059790.1
SM_V9_1 iris    CDS     66610532        66610562        .       +
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SM_V9_1 iris    CDS     66610565        66610858        .       +
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        0       Parent=Smp_059790.1
SM_V9_1 iris    CDS     66611027        66611348        .       +
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SM_V9_1 iris    CDS     66616563        66616777        .       +
        2       Parent=Smp_059790.1
SM_V9_1 iris    CDS     66617421        66617643        .       +
        0       Parent=Smp_059790.1
SM_V9_1 iris    CDS     66619449        66619627        .       +
        2       Parent=Smp_059790.1
SM_V9_1 Liftoff gene    66629068        66648225        .       -
        .       ID=Smp_059780;geneID=Smp_059780
SM_V9_1 Liftoff mRNA    66629068        66648225        .       -
        .
ID=Smp_059780.1;Parent=Smp_059780;geneID=Smp_059780;product=BICD
family-like cargo adapter 1
SM_V9_1 Liftoff exon    66629068        66629494        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66631406        66631550        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66631932        66632014        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66633376        66633642        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66634417        66634629        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66644656        66644853        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66644887        66645033        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66645067        66645399        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff exon    66645434        66648225        .       -
        .       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66629453        66629494        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66631406        66631550        .       -
        1       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66631932        66632014        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66633376        66633642        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66634417        66634629        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66644656        66644853        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66644887        66645033        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66645067        66645399        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff CDS     66645434        66645559        .       -
        0       Parent=Smp_059780.1
SM_V9_1 Liftoff gene    66677539        66685584        .       +
        .       ID=Smp_093720;geneID=Smp_093720
SM_V9_1 Liftoff mRNA    66677539        66685584        .       +
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        .
ID=Smp_093720.1;Parent=Smp_093720;geneID=Smp_093720;product=Uncharac
terized protein C1orf50
homolog;polypeptide_domain=InterPro:IPR019534 Pfam:PF10504
SM_V9_1 Liftoff exon    66677539        66684627        .       +
        .       Parent=Smp_093720.1
SM_V9_1 Liftoff exon    66684671        66684817        .       +
        .       Parent=Smp_093720.1
SM_V9_1 Liftoff exon    66684858        66685584        .       +
        .       Parent=Smp_093720.1
SM_V9_1 Liftoff CDS     66684451        66684627        .       +
        0       Parent=Smp_093720.1
SM_V9_1 Liftoff CDS     66684671        66684817        .       +
        0       Parent=Smp_093720.1
SM_V9_1 Liftoff CDS     66684858        66685022        .       +
        0       Parent=Smp_093720.1
SM_V9_1 Liftoff gene    66690749        66692282        .       +
        .       ID=Smp_093710;geneID=Smp_093710
SM_V9_1 Liftoff mRNA    66690749        66692282        .       +
        .
ID=Smp_093710.1;Parent=Smp_093710;geneID=Smp_093710;product=Pectate
lyase L
SM_V9_1 Liftoff exon    66690749        66692282        .       +
        .       Parent=Smp_093710.1
SM_V9_1 Liftoff CDS     66691014        66691574        .       +
        0       Parent=Smp_093710.1
SM_V9_1 Liftoff gene    66698225        66702675        .       -
        .       ID=Smp_319900;geneID=Smp_319900
SM_V9_1 Liftoff mRNA    66698225        66702675        .       -
        .
ID=Smp_319900.1;Parent=Smp_319900;geneID=Smp_319900;product=Tubulin-
folding cofactor E
SM_V9_1 Liftoff exon    66698225        66702675        .       -
        .       Parent=Smp_319900.1
SM_V9_1 Liftoff CDS     66698411        66698722        .       -
        0       Parent=Smp_319900.1
SM_V9_1 Liftoff gene    66711999        66716403        .       +
        .       ID=Smp_093700;geneID=Smp_093700
SM_V9_1 Liftoff mRNA    66711999        66716403        .       +
        .
ID=Smp_093700.1;Parent=Smp_093700;geneID=Smp_093700;product=Membrane
-associated progesterone receptor component
2;polypeptide_domain=InterPro:IPR001199 Pfam:PF00173
SM_V9_1 Liftoff exon    66711999        66712328        .       +
        .       Parent=Smp_093700.1
SM_V9_1 Liftoff exon    66712361        66712507        .       +
        .       Parent=Smp_093700.1
SM_V9_1 Liftoff exon    66715885        66716403        .       +
        .       Parent=Smp_093700.1
SM_V9_1 Liftoff CDS     66712031        66712328        .       +
        0       Parent=Smp_093700.1
SM_V9_1 Liftoff CDS     66712361        66712507        .       +
        2       Parent=Smp_093700.1
SM_V9_1 Liftoff CDS     66715885        66716012        .       +
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        2       Parent=Smp_093700.1
SM_V9_1 iris    gene    66729943        66738699        .       +
        .
ID=Smp_093690;geneID=Smp_093690;gene_name=Smp_093690;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    66729943        66738699        .       +
        .
ID=Smp_093690.1;Parent=Smp_093690;geneID=Smp_093690;gene_name=Smp_09
3690;owner=irisadmin@local.host;orig_id=Smp_093690.1;date_last_modif
ied=2022-07-18;Name=Smp_093690.1;product=Probable ATP-dependent RNA
helicase DDX23;date_creation=2022-07-18
SM_V9_1 iris    exon    66729943        66730087        .       +
        .       Parent=Smp_093690.1;Name=4fb72a1d-5c9b-433b-bbd7-
ca0d09bf854b
SM_V9_1 iris    exon    66730124        66730258        .       +
        .       Parent=Smp_093690.1;Name=a754145f-2bf0-44eb-883b-
e27a0b912140
SM_V9_1 iris    exon    66730288        66730589        .       +
        .
Parent=Smp_093690.1;Name=d16369b6-1d20-471f-9ed2-5b80713c3ae6
SM_V9_1 iris    exon    66730621        66730943        .       +
        .       Parent=Smp_093690.1;Name=5fcab7ff-
c2a7-4beb-9bda-9dd1209aef63
SM_V9_1 iris    exon    66730978        66731057        .       +
        .       Parent=Smp_093690.1;Name=b1c9324f-9403-4e60-
bd3c-609631d6f283
SM_V9_1 iris    exon    66731091        66731304        .       +
        .       Parent=Smp_093690.1;Name=520aab4f-1468-4db3-
bd86-9918187a7547
SM_V9_1 iris    exon    66731340        66731504        .       +
        .
Parent=Smp_093690.1;Name=e6560cf2-6f4c-4ac4-9baf-24a493efcd0e
SM_V9_1 iris    exon    66731540        66731800        .       +
        .       Parent=Smp_093690.1;Name=2a592f63-7c2f-478e-
b370-1543d11c5f70
SM_V9_1 iris    exon    66735520        66735821        .       +
        .       Parent=Smp_093690.1;Name=05645a73-
ba11-40e3-9580-194b53b74f6c
SM_V9_1 iris    exon    66736841        66737124        .       +
        .       Parent=Smp_093690.1;Name=15e48c86-03a2-4925-8a77-
a3dcd0d2d086
SM_V9_1 iris    exon    66738302        66738699        .       +
        .       Parent=Smp_093690.1;Name=617f4706-ef6d-41ee-
bec5-1f858dba0403
SM_V9_1 iris    CDS     66730002        66730087        .       +
        0       Parent=Smp_093690.1
SM_V9_1 iris    CDS     66730124        66730258        .       +
        1       Parent=Smp_093690.1
SM_V9_1 iris    CDS     66730288        66730589        .       +
        1       Parent=Smp_093690.1
SM_V9_1 iris    CDS     66730621        66730943        .       +
        2       Parent=Smp_093690.1
SM_V9_1 iris    CDS     66730978        66731057        .       +
        0       Parent=Smp_093690.1
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SM_V9_1 iris    CDS     66731091        66731304        .       +
        1       Parent=Smp_093690.1
SM_V9_1 iris    CDS     66731340        66731504        .       +
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SM_V9_1 iris    CDS     66731540        66731800        .       +
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SM_V9_1 iris    CDS     66735520        66735821        .       +
        0       Parent=Smp_093690.1
SM_V9_1 iris    CDS     66736841        66737124        .       +
        1       Parent=Smp_093690.1
SM_V9_1 iris    CDS     66738302        66738531        .       +
        2       Parent=Smp_093690.1
SM_V9_1 Liftoff gene    66742559        66750443        .       +
        .       ID=Smp_173480;geneID=Smp_173480
SM_V9_1 Liftoff mRNA    66742559        66750443        .       +
        .
ID=Smp_173480.1;Parent=Smp_173480;geneID=Smp_173480;product=Putative
N(4)-(beta-N-acetylglucosaminyl)-L-asparaginase
GM21137;polypeptide_domain=InterPro:IPR000246,IPR029055
Pfam:PF01112;Ontology_term=GO:0016787
SM_V9_1 Liftoff exon    66742559        66742896        .       +
        .       Parent=Smp_173480.1
SM_V9_1 Liftoff exon    66745386        66745659        .       +
        .       Parent=Smp_173480.1
SM_V9_1 Liftoff exon    66746721        66746917        .       +
        .       Parent=Smp_173480.1
SM_V9_1 Liftoff exon    66747859        66747993        .       +
        .       Parent=Smp_173480.1
SM_V9_1 Liftoff exon    66749922        66750443        .       +
        .       Parent=Smp_173480.1
SM_V9_1 Liftoff CDS     66742585        66742896        .       +
        0       Parent=Smp_173480.1
SM_V9_1 Liftoff CDS     66745386        66745659        .       +
        0       Parent=Smp_173480.1
SM_V9_1 Liftoff CDS     66746721        66746917        .       +
        2       Parent=Smp_173480.1
SM_V9_1 Liftoff CDS     66747859        66747993        .       +
        0       Parent=Smp_173480.1
SM_V9_1 Liftoff CDS     66749922        66750083        .       +
        0       Parent=Smp_173480.1
SM_V9_1 iris    gene    66753939        66776415        .       -
        .
ID=Smp_334890;geneID=Smp_334890;gene_name=Smp_334890;owner=irisadmin
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SM_V9_1 iris    mRNA    66753939        66776415        .       -
        .
ID=Smp_334890.1;Parent=Smp_334890;geneID=Smp_334890;gene_name=Smp_33
4890;owner=irisadmin@local.host;orig_id=Smp_334890.2;date_last_modif
ied=2022-08-01;Name=Smp_334890.1;product=Mitotic spindle assembly
checkpoint protein MAD2B;date_creation=2022-08-01
SM_V9_1 iris    exon    66753939        66754033        .       -
        .       Parent=Smp_334890.1;Name=961641dc-1157-4bf0-
a8e8-9e2b576a46aa
SM_V9_1 iris    exon    66754087        66754188        .       -
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        .       Parent=Smp_334890.1;Name=d26e4f7d-
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SM_V9_1 iris    exon    66754718        66754770        .       -
        .
Parent=Smp_334890.1;Name=f5982b55-0612-4b21-97d6-2e087571d709
SM_V9_1 iris    exon    66757214        66757308        .       -
        .       Parent=Smp_334890.1;Name=c6c97dc9-
cb9b-420a-9fe2-74e391e7f654
SM_V9_1 iris    exon    66763162        66763343        .       -
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eba558bd11ce
SM_V9_1 iris    exon    66775814        66775929        .       -
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ad55-88c959ae9b7d
SM_V9_1 iris    exon    66775966        66776415        .       -
        .       Parent=Smp_334890.1;Name=16663b6c-302b-4a8b-8419-
d7cae9ae79f2
SM_V9_1 iris    CDS     66754007        66754033        .       -
        0       Parent=Smp_334890.1
SM_V9_1 iris    CDS     66754087        66754188        .       -
        0       Parent=Smp_334890.1
SM_V9_1 iris    CDS     66754718        66754770        .       -
        2       Parent=Smp_334890.1
SM_V9_1 iris    CDS     66757214        66757308        .       -
        1       Parent=Smp_334890.1
SM_V9_1 iris    CDS     66763162        66763343        .       -
        0       Parent=Smp_334890.1
SM_V9_1 iris    CDS     66775814        66775929        .       -
        2       Parent=Smp_334890.1
SM_V9_1 iris    CDS     66775966        66775993        .       -
        0       Parent=Smp_334890.1
SM_V9_1 Liftoff gene    66789029        66802883        .       +
        .
ID=Smp_213970;geneID=Smp_213970;previous_systematic_id=Smp_173470
SM_V9_1 Liftoff mRNA    66789029        66802883        .       +
        .
ID=Smp_213970.1;Parent=Smp_213970;geneID=Smp_213970;product=Telomeri
c repeat-binding factor 2-interacting protein
1;polypeptide_domain=InterPro:IPR009057,IPR015010
Pfam:PF08914;Ontology_term=GO:0003677
SM_V9_1 Liftoff exon    66789029        66789135        .       +
        .       Parent=Smp_213970.1
SM_V9_1 Liftoff exon    66795940        66796088        .       +
        .       Parent=Smp_213970.1
SM_V9_1 Liftoff exon    66797102        66797398        .       +
        .       Parent=Smp_213970.1
SM_V9_1 Liftoff exon    66798443        66798870        .       +
        .       Parent=Smp_213970.1
SM_V9_1 Liftoff exon    66799514        66799737        .       +
        .       Parent=Smp_213970.1
SM_V9_1 Liftoff exon    66802110        66802883        .       +
        .       Parent=Smp_213970.1
SM_V9_1 Liftoff CDS     66789097        66789135        .       +
        0       Parent=Smp_213970.1
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SM_V9_1 Liftoff CDS     66795940        66796088        .       +
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        1       Parent=Smp_213970.1
SM_V9_1 Liftoff CDS     66798443        66798870        .       +
        1       Parent=Smp_213970.1
SM_V9_1 Liftoff CDS     66799514        66799737        .       +
        2       Parent=Smp_213970.1
SM_V9_1 Liftoff CDS     66802110        66802508        .       +
        0       Parent=Smp_213970.1
SM_V9_1 Liftoff gene    66802939        66822233        .       +
        .
ID=Smp_213960;geneID=Smp_213960;previous_systematic_id=Smp_173470
SM_V9_1 Liftoff mRNA    66802939        66822233        .       +
        .
ID=Smp_213960.1;Parent=Smp_213960;geneID=Smp_213960;product=Bromodom
ain-containing protein 8
SM_V9_1 Liftoff exon    66802939        66805055        .       +
        .       Parent=Smp_213960.1
SM_V9_1 Liftoff exon    66805509        66806284        .       +
        .       Parent=Smp_213960.1
SM_V9_1 Liftoff exon    66811894        66812953        .       +
        .       Parent=Smp_213960.1
SM_V9_1 Liftoff exon    66816667        66817014        .       +
        .       Parent=Smp_213960.1
SM_V9_1 Liftoff exon    66818659        66818932        .       +
        .       Parent=Smp_213960.1
SM_V9_1 Liftoff exon    66820664        66820783        .       +
        .       Parent=Smp_213960.1
SM_V9_1 Liftoff exon    66821885        66822233        .       +
        .       Parent=Smp_213960.1
SM_V9_1 Liftoff CDS     66804667        66805055        .       +
        0       Parent=Smp_213960.1
SM_V9_1 Liftoff CDS     66805509        66806284        .       +
        1       Parent=Smp_213960.1
SM_V9_1 Liftoff CDS     66811894        66812953        .       +
        2       Parent=Smp_213960.1
SM_V9_1 Liftoff CDS     66816667        66817014        .       +
        1       Parent=Smp_213960.1
SM_V9_1 Liftoff CDS     66818659        66818932        .       +
        1       Parent=Smp_213960.1
SM_V9_1 Liftoff CDS     66820664        66820783        .       +
        0       Parent=Smp_213960.1
SM_V9_1 Liftoff CDS     66821885        66822001        .       +
        0       Parent=Smp_213960.1
SM_V9_1 iris    gene    66828220        66846356        .       -
        .
ID=Smp_093630;geneID=Smp_093630;gene_name=Smp_093630;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    66828220        66846356        .       -
        .
ID=Smp_093630.1;Parent=Smp_093630;geneID=Smp_093630;gene_name=Smp_09
3630;owner=irisadmin@local.host;orig_id=Smp_093630.1;date_last_modif
ied=2022-07-18;Name=Smp_093630.1;product=Mitochondrial thiamine
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pyrophosphate carrier;date_creation=2022-07-18
SM_V9_1 iris    exon    66828220        66829850        .       -
        .       Parent=Smp_093630.1;Name=af52ac44-9de1-47d6-
b2e6-9ca8ebe82273
SM_V9_1 iris    exon    66832442        66832539        .       -
        .       Parent=Smp_093630.1;Name=5960bb24-1c1f-41b7-b96f-
e476355b2f23
SM_V9_1 iris    exon    66834869        66835086        .       -
        .       Parent=Smp_093630.1;Name=e814c7b2-df82-4423-
ab4b-665ec668ff36
SM_V9_1 iris    exon    66840937        66841301        .       -
        .       Parent=Smp_093630.1;Name=c517e054-bf91-439b-
b936-2b1b744e0f40
SM_V9_1 iris    exon    66841337        66841542        .       -
        .       Parent=Smp_093630.1;Name=6a8e1cea-05cf-437a-
b1df-40d462d63056
SM_V9_1 iris    exon    66846307        66846356        .       -
        .       Parent=Smp_093630.1;Name=9095fa13-93b2-42ff-
abdb-1796fa2ac2cd
SM_V9_1 iris    CDS     66829638        66829850        .       -
        0       Parent=Smp_093630.1
SM_V9_1 iris    CDS     66832442        66832539        .       -
        2       Parent=Smp_093630.1
SM_V9_1 iris    CDS     66834869        66835086        .       -
        1       Parent=Smp_093630.1
SM_V9_1 iris    CDS     66840937        66841301        .       -
        0       Parent=Smp_093630.1
SM_V9_1 iris    CDS     66841337        66841462        .       -
        0       Parent=Smp_093630.1
SM_V9_1 iris    gene    66857149        66877019        .       -
        .
ID=Smp_158570;geneID=Smp_158570;gene_name=Smp_158570;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    66857149        66877019        .       -
        .
ID=Smp_158570.1;Parent=Smp_158570;geneID=Smp_158570;gene_name=Smp_15
8570;owner=irisadmin@local.host;orig_id=Smp_158570.1;date_last_modif
ied=2022-07-18;Name=Smp_158570.1;product=Arginine--tRNA
ligase;date_creation=2022-07-18
SM_V9_1 iris    exon    66857149        66857490        .       -
        .       Parent=Smp_158570.1;Name=57b09f85-c876-4e9f-9e36-
f39a8b6fcbf3
SM_V9_1 iris    exon    66859032        66859307        .       -
        .       Parent=Smp_158570.1;Name=c5b9d24b-3195-4933-
a0c2-2b839abe1302
SM_V9_1 iris    exon    66875008        66875307        .       -
        .       Parent=Smp_158570.1;Name=fe321942-2859-4aae-8168-
e88e69366e6f
SM_V9_1 iris    exon    66875955        66876224        .       -
        .
Parent=Smp_158570.1;Name=74be423d-18e4-4123-8d50-47ba550ff9f9
SM_V9_1 iris    exon    66876933        66877019        .       -
        .       Parent=Smp_158570.1;Name=393a116a-7e7e-4937-bdcf-
f4fa3c459f92
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SM_V9_1 iris    CDS     66857390        66857490        .       -
        2       Parent=Smp_158570.1
SM_V9_1 iris    CDS     66859032        66859307        .       -
        2       Parent=Smp_158570.1
SM_V9_1 iris    CDS     66875008        66875307        .       -
        2       Parent=Smp_158570.1
SM_V9_1 iris    CDS     66875955        66876224        .       -
        2       Parent=Smp_158570.1
SM_V9_1 iris    CDS     66876933        66876981        .       -
        0       Parent=Smp_158570.1
SM_V9_1 iris    mRNA    66857149        66877019        .       -
        .
ID=Smp_158570.2;Parent=Smp_158570;geneID=Smp_158570;gene_name=Smp_15
8570;owner=irisadmin@local.host;orig_id=Smp_158570.2;date_last_modif
ied=2022-07-18;Name=Smp_158570.2;product=Arginine--tRNA
ligase;date_creation=2022-07-18
SM_V9_1 iris    exon    66857149        66857490        .       -
        .       Parent=Smp_158570.2;Name=7b51a548-8cda-4e39-94c1-
ff1cdf19df0b
SM_V9_1 iris    exon    66859032        66859307        .       -
        .       Parent=Smp_158570.2;Name=e0b3feb7-
a42b-4ba1-9f00-273fcd65de7a
SM_V9_1 iris    exon    66860530        66860829        .       -
        .       Parent=Smp_158570.2;Name=43f617ed-be06-413c-
be38-3764a8214e71
SM_V9_1 iris    exon    66861477        66861746        .       -
        .       Parent=Smp_158570.2;Name=ece6d6a5-855b-4740-
b363-3327878ba57b
SM_V9_1 iris    exon    66873510        66873785        .       -
        .       Parent=Smp_158570.2;Name=829f6d88-c16f-486d-
b19b-8ba12a5b092a
SM_V9_1 iris    exon    66875008        66875307        .       -
        .       Parent=Smp_158570.2;Name=ba89ce0d-6c09-4c05-83de-
c58f715ee96e
SM_V9_1 iris    exon    66875955        66876224        .       -
        .
Parent=Smp_158570.2;Name=ba307314-2602-49b1-9cbc-364d2a5e5b38
SM_V9_1 iris    exon    66876933        66877019        .       -
        .       Parent=Smp_158570.2;Name=d2b9797f-
dbbe-41af-9366-542e4dac9c05
SM_V9_1 iris    CDS     66857390        66857490        .       -
        2       Parent=Smp_158570.2
SM_V9_1 iris    CDS     66859032        66859307        .       -
        2       Parent=Smp_158570.2
SM_V9_1 iris    CDS     66860530        66860829        .       -
        2       Parent=Smp_158570.2
SM_V9_1 iris    CDS     66861477        66861746        .       -
        2       Parent=Smp_158570.2
SM_V9_1 iris    CDS     66873510        66873785        .       -
        2       Parent=Smp_158570.2
SM_V9_1 iris    CDS     66875008        66875307        .       -
        2       Parent=Smp_158570.2
SM_V9_1 iris    CDS     66875955        66876224        .       -
        2       Parent=Smp_158570.2
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SM_V9_1 iris    CDS     66876933        66876981        .       -
        0       Parent=Smp_158570.2
SM_V9_1 iris    gene    66891889        66959113        .       +
        .
ID=Smp_158560;geneID=Smp_158560;gene_name=Smp_158560;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-18
SM_V9_1 iris    mRNA    66891889        66936471        .       +
        .
ID=Smp_158560.2;Parent=Smp_158560;geneID=Smp_158560;gene_name=Smp_15
8560;owner=irisadmin@local.host;orig_id=Smp_158560.1;date_last_modif
ied=2022-08-01;Name=Smp_158560.2;product=Serine/threonine-protein
kinase MRCK alpha;date_creation=2022-08-01
SM_V9_1 iris    exon    66891889        66892158        .       +
        .
Parent=Smp_158560.2;Name=5f28e127-8c94-4be6-9b54-65db42243881
SM_V9_1 iris    exon    66892191        66892366        .       +
        .       Parent=Smp_158560.2;Name=bef3d98c-e850-4355-88d7-
b5ec13dc3b18
SM_V9_1 iris    exon    66892401        66892505        .       +
        .       Parent=Smp_158560.2;Name=73aae796-74c1-4c2c-
be18-3fa9d78679ef
SM_V9_1 iris    exon    66892539        66892720        .       +
        .       Parent=Smp_158560.2;Name=1092a5ce-d34f-4e5e-
a00f-7631e8a6ccda
SM_V9_1 iris    exon    66897140        66897401        .       +
        .       Parent=Smp_158560.2;Name=4323748a-
b67a-4e5c-9cb4-09d4c9184b9b
SM_V9_1 iris    exon    66899217        66899382        .       +
        .       Parent=Smp_158560.2;Name=75d2cbc0-5468-4421-8758-
a15ecc21e332
SM_V9_1 iris    exon    66902630        66902709        .       +
        .       Parent=Smp_158560.2;Name=47e82b39-c346-4b28-a0c9-
df89ac75dc27
SM_V9_1 iris    exon    66904044        66904343        .       +
        .
Parent=Smp_158560.2;Name=1bb691d6-0a00-45d7-8b01-16d7b924039f
SM_V9_1 iris    exon    66906434        66906675        .       +
        .       Parent=Smp_158560.2;Name=8c548ba3-0177-458b-b8cf-
abe50ca4db77
SM_V9_1 iris    exon    66913599        66913734        .       +
        .       Parent=Smp_158560.2;Name=abe428e2-2f04-4e1e-a5ae-
ad0ad69e5e69
SM_V9_1 iris    exon    66914822        66915229        .       +
        .       Parent=Smp_158560.2;Name=687d9b1f-86a6-4d3d-8d59-
b07eb8459af1
SM_V9_1 iris    exon    66917470        66917610        .       +
        .       Parent=Smp_158560.2;Name=e28ce539-
ff67-4ad0-8903-4dfe86765d77
SM_V9_1 iris    exon    66918275        66918594        .       +
        .       Parent=Smp_158560.2;Name=eac9aca0-609e-4f28-9fc2-
fab576fac473
SM_V9_1 iris    exon    66923010        66923086        .       +
        .       Parent=Smp_158560.2;Name=e2afdebe-c1a4-4375-80e2-
bdc915d4ce86
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SM_V9_1 iris    exon    66924197        66924234        .       +
        .       Parent=Smp_158560.2;Name=c64f5381-aac7-4f59-8fc9-
e820f7cc6ef7
SM_V9_1 iris    exon    66929774        66929803        .       +
        .       Parent=Smp_158560.2;Name=e071e219-c211-49c5-bd7e-
c7b47ef36859
SM_V9_1 iris    exon    66933115        66933433        .       +
        .       Parent=Smp_158560.2;Name=e8419229-
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SM_V9_1 iris    exon    66934186        66934229        .       +
        .       Parent=Smp_158560.2;Name=89e7a503-a5eb-49a1-
b07b-60fedb249cf3
SM_V9_1 iris    exon    66935010        66935090        .       +
        .       Parent=Smp_158560.2;Name=154b4ae9-7d7d-4202-
bed5-6da78b00e550
SM_V9_1 iris    exon    66935465        66936471        .       +
        .
Parent=Smp_158560.2;Name=aafe37d3-0163-43e6-99d9-79193eb81f8f
SM_V9_1 iris    CDS     66891978        66892158        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66892191        66892366        .       +
        2       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66892401        66892505        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66892539        66892720        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66897140        66897401        .       +
        1       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66899217        66899382        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66902630        66902709        .       +
        2       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66904044        66904343        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66906434        66906675        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66913599        66913734        .       +
        1       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66914822        66915229        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66917470        66917610        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66918275        66918594        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66923010        66923086        .       +
        1       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66924197        66924234        .       +
        2       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66929774        66929803        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66933115        66933433        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66934186        66934229        .       +
        2       Parent=Smp_158560.2
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SM_V9_1 iris    CDS     66935010        66935090        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    CDS     66935465        66935557        .       +
        0       Parent=Smp_158560.2
SM_V9_1 iris    mRNA    66891889        66959113        .       +
        .
ID=Smp_158560.1;Parent=Smp_158560;geneID=Smp_158560;gene_name=Smp_15
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ied=2022-07-18;Name=Smp_158560.1;product=Serine/threonine-protein
kinase MRCK alpha;date_creation=2022-07-18
SM_V9_1 iris    exon    66891889        66892158        .       +
        .
Parent=Smp_158560.1;Name=b7bc58d1-053d-4629-9182-57c74d4a1926
SM_V9_1 iris    exon    66892191        66892366        .       +
        .       Parent=Smp_158560.1;Name=29c3420c-a55a-4d10-
beec-55f76b1786ec
SM_V9_1 iris    exon    66892401        66892505        .       +
        .       Parent=Smp_158560.1;Name=0d1e2adc-0a68-4b6e-
bd69-9af7065423d3
SM_V9_1 iris    exon    66892539        66892720        .       +
        .
Parent=Smp_158560.1;Name=ed1f33ff-24ca-447f-9531-076808544026
SM_V9_1 iris    exon    66897140        66897401        .       +
        .       Parent=Smp_158560.1;Name=874d09f5-
d358-4cfa-8e05-430468bb6c9d
SM_V9_1 iris    exon    66899217        66899382        .       +
        .       Parent=Smp_158560.1;Name=1effdbcb-5c87-414c-8974-
a177f5aa69f3
SM_V9_1 iris    exon    66902630        66902709        .       +
        .
Parent=Smp_158560.1;Name=b6e49fc7-182b-49ba-8cba-6fc1a8f7fb62
SM_V9_1 iris    exon    66904044        66904343        .       +
        .       Parent=Smp_158560.1;Name=2d87221b-43dc-4734-85df-
d7aa2b48a489
SM_V9_1 iris    exon    66906434        66906675        .       +
        .
Parent=Smp_158560.1;Name=7e1fb0f0-6908-41ce-824f-2166d193110b
SM_V9_1 iris    exon    66913599        66913734        .       +
        .       Parent=Smp_158560.1;Name=83454f9a-b97b-4972-88f3-
de431a33b2f6
SM_V9_1 iris    exon    66914822        66915229        .       +
        .       Parent=Smp_158560.1;Name=66d287af-75e4-4f78-9499-
ab0887448632
SM_V9_1 iris    exon    66917470        66917610        .       +
        .       Parent=Smp_158560.1;Name=5445309c-fd88-482f-
a925-6d375f16c8bf
SM_V9_1 iris    exon    66918275        66918594        .       +
        .       Parent=Smp_158560.1;Name=dc7ecbf8-
f26b-4c83-91cf-37601ff9bf49
SM_V9_1 iris    exon    66923010        66923086        .       +
        .       Parent=Smp_158560.1;Name=1dbc8ba0-
e0cf-4735-8b7f-1eb7ccde0f90
SM_V9_1 iris    exon    66924197        66924234        .       +
        .       Parent=Smp_158560.1;Name=a37fbef3-f3f0-433b-939a-
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bfe62c0d93d2
SM_V9_1 iris    exon    66929774        66929803        .       +
        .       Parent=Smp_158560.1;Name=6825fa86-eb6a-4b32-acb9-
eebd5e8682e8
SM_V9_1 iris    exon    66933115        66933433        .       +
        .
Parent=Smp_158560.1;Name=d33ed9d4-6f7e-4c4c-8b5f-2ad6c4e451fe
SM_V9_1 iris    exon    66934186        66934229        .       +
        .       Parent=Smp_158560.1;Name=34bb6083-5212-453f-
b9fa-2efa573842bd
SM_V9_1 iris    exon    66935010        66935090        .       +
        .       Parent=Smp_158560.1;Name=52a88e0d-2ee8-470c-a8bd-
a537e6016d6f
SM_V9_1 iris    exon    66936529        66936783        .       +
        .       Parent=Smp_158560.1;Name=3bc21dc9-5db4-4911-
bac6-2d55a410caad
SM_V9_1 iris    exon    66939003        66939143        .       +
        .       Parent=Smp_158560.1;Name=3f4dc3d5-91fa-4b8a-a262-
d0d4aa2e9db2
SM_V9_1 iris    exon    66941926        66942001        .       +
        .       Parent=Smp_158560.1;Name=293abe22-8a9d-436e-
a54d-32b42eaf4334
SM_V9_1 iris    exon    66942112        66942174        .       +
        .       Parent=Smp_158560.1;Name=c851a073-7eec-4bdc-aa25-
e38eaebce8b2
SM_V9_1 iris    exon    66943421        66943504        .       +
        .       Parent=Smp_158560.1;Name=409c1e18-0f2a-4d40-8955-
b11c2f2ae450
SM_V9_1 iris    exon    66944662        66944991        .       +
        .       Parent=Smp_158560.1;Name=a227abec-7351-4724-8db0-
b5a13d9ddc7d
SM_V9_1 iris    exon    66945630        66945749        .       +
        .       Parent=Smp_158560.1;Name=01a52aa9-3b5c-46f3-
a328-722ab85ad90c
SM_V9_1 iris    exon    66945869        66946374        .       +
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Parent=Smp_158560.1;Name=8e55672c-4140-479e-8d19-1ddcb3084d4f
SM_V9_1 iris    exon    66949789        66950292        .       +
        .       Parent=Smp_158560.1;Name=8db2f54a-7fd5-48e7-
af8f-1e0daa2d7d5c
SM_V9_1 iris    exon    66957031        66957405        .       +
        .       Parent=Smp_158560.1;Name=a192d521-fe19-425c-
b26f-91e215120834
SM_V9_1 iris    exon    66957950        66959113        .       +
        .       Parent=Smp_158560.1;Name=6758c90a-18c7-4eb3-
a9de-9db1be40ea61
SM_V9_1 iris    CDS     66891978        66892158        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66892191        66892366        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66892401        66892505        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66892539        66892720        .       +
        0       Parent=Smp_158560.1
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SM_V9_1 iris    CDS     66897140        66897401        .       +
        1       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66899217        66899382        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66902630        66902709        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66904044        66904343        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66906434        66906675        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66913599        66913734        .       +
        1       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66914822        66915229        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66917470        66917610        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66918275        66918594        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66923010        66923086        .       +
        1       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66924197        66924234        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66929774        66929803        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66933115        66933433        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66934186        66934229        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66935010        66935090        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66936529        66936783        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66939003        66939143        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66941926        66942001        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66942112        66942174        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66943421        66943504        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66944662        66944991        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66945630        66945749        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66945869        66946374        .       +
        2       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66949789        66950292        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66957031        66957405        .       +
        0       Parent=Smp_158560.1
SM_V9_1 iris    CDS     66957950        66957979        .       +
        0       Parent=Smp_158560.1
SM_V9_1 Liftoff gene    66969105        66977859        .       +
        .       ID=Smp_247270;geneID=Smp_247270
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SM_V9_1 Liftoff mRNA    66969105        66977859        .       +
       .
ID=Smp_247270.1;Parent=Smp_247270;geneID=Smp_247270;product=Histone-
lysine N-methyltransferase SMYD3
SM_V9_1 Liftoff exon    66969105        66969422        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff exon    66969458        66969491        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff exon    66969525        66969652        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff exon    66969686        66969753        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff exon    66969787        66969889        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff exon    66970826        66970936        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff exon    66974749        66974983        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff exon    66977030        66977859        .       +
       .       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66969291        66969422        .       +
       0       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66969458        66969491        .       +
       0       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66969525        66969652        .       +
       2       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66969686        66969753        .       +
       0       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66969787        66969889        .       +
       1       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66970826        66970936        .       +
       0       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66974749        66974983        .       +
       0       Parent=Smp_247270.1
SM_V9_1 Liftoff CDS     66977030        66977673        .       +
       2       Parent=Smp_247270.1
SM_V9_1 Liftoff gene    67013116        67039891        .       -
       .       ID=Smp_067280;geneID=Smp_067280
SM_V9_1 Liftoff mRNA    67013116        67039891        .       -
       .
ID=Smp_067280.1;Parent=Smp_067280;geneID=Smp_067280;product=Dynamin-
1-like
protein;polypeptide_domain=InterPro:IPR000375,IPR001401,IPR003130,IP
R020850,IPR022812,IPR027417,IPR030381
Pfam:PF00350,PF01031,PF02212;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    67013116        67013741        .       -
       .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67014237        67014448        .       -
       .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67017343        67017403        .       -
       .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67019406        67019603        .       -
       .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67024695        67024895        .       -
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        .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67026595        67026954        .       -
        .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67030381        67030494        .       -
        .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67032154        67032407        .       -
        .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67033473        67033722        .       -
        .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67036103        67036363        .       -
        .       Parent=Smp_067280.1
SM_V9_1 Liftoff exon    67039717        67039891        .       -
        .       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67013685        67013741        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67014237        67014448        .       -
        2       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67017343        67017403        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67019406        67019603        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67024695        67024895        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67026595        67026954        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67030381        67030494        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67032154        67032407        .       -
        2       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67033473        67033722        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67036103        67036363        .       -
        0       Parent=Smp_067280.1
SM_V9_1 Liftoff CDS     67039717        67039818        .       -
        0       Parent=Smp_067280.1
SM_V9_1 iris    gene    67044955        67086818        .       +
        .
ID=Smp_158550;geneID=Smp_158550;gene_name=Smp_158550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67044955        67086818        .       +
        .
ID=Smp_158550.1;Parent=Smp_158550;geneID=Smp_158550;gene_name=Smp_15
8550;owner=irisadmin@local.host;orig_id=Smp_158550.1;date_last_modif
ied=2022-07-18;Name=Smp_158550.1;product=Semaphorin-5B;date_creation
=2022-07-18
SM_V9_1 iris    exon    67044955        67045314        .       +
        .       Parent=Smp_158550.1;Name=930d7bdd-45f2-4b8c-
b626-704b32ff92d2
SM_V9_1 iris    exon    67051370        67051487        .       +
        .       Parent=Smp_158550.1;Name=c943ea69-b802-4019-
ba84-900325856848
SM_V9_1 iris    exon    67057064        67057175        .       +
        .       Parent=Smp_158550.1;Name=fe782526-6f2d-4507-
be2c-9cbbced11826
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SM_V9_1 iris    exon    67060101        67060241        .       +
        .       Parent=Smp_158550.1;Name=c7e10d2c-a8f4-40b8-
b880-1af38e5db751
SM_V9_1 iris    exon    67062394        67062643        .       +
        .       Parent=Smp_158550.1;Name=895852cb-7c19-40e3-
a7b9-28a6d3a6e57e
SM_V9_1 iris    exon    67065503        67065600        .       +
        .       Parent=Smp_158550.1;Name=d2ecf561-94c2-4539-
ac2c-2f1d119b8da5
SM_V9_1 iris    exon    67066898        67066930        .       +
        .       Parent=Smp_158550.1;Name=ebfe80eb-c174-446c-
ae1c-443df735edd9
SM_V9_1 iris    exon    67067952        67068118        .       +
        .       Parent=Smp_158550.1;Name=05169572-39ec-47b9-
a7ca-68b0dfeb0947
SM_V9_1 iris    exon    67069028        67069145        .       +
        .
Parent=Smp_158550.1;Name=af87b193-2b51-40a4-97ec-87139ed97dca
SM_V9_1 iris    exon    67070410        67070516        .       +
        .
Parent=Smp_158550.1;Name=b03aa510-7503-4f12-885e-64656c224461
SM_V9_1 iris    exon    67071357        67071576        .       +
        .       Parent=Smp_158550.1;Name=d0cab4d8-7624-46a6-
b9bb-691172a67391
SM_V9_1 iris    exon    67073760        67074420        .       +
        .       Parent=Smp_158550.1;Name=6529a84c-4c98-4e63-
b0ec-861562b46eac
SM_V9_1 iris    exon    67076815        67077066        .       +
        .
Parent=Smp_158550.1;Name=1434a2fa-2c3e-4181-840b-8fc8a4a327e1
SM_V9_1 iris    exon    67077791        67077988        .       +
        .       Parent=Smp_158550.1;Name=7ffe27ca-
f9e0-479e-96dd-188a90242fb2
SM_V9_1 iris    exon    67082288        67082467        .       +
        .       Parent=Smp_158550.1;Name=192ec1d4-ce92-4d2b-87dc-
ccc32bc7b2c6
SM_V9_1 iris    exon    67083957        67084250        .       +
        .       Parent=Smp_158550.1;Name=965c0603-0c25-4f76-9317-
bb3e10ca9eb2
SM_V9_1 iris    exon    67084617        67084769        .       +
        .       Parent=Smp_158550.1;Name=035b3911-36a7-470e-9c6d-
d2800f0a67a3
SM_V9_1 iris    exon    67085658        67086818        .       +
        .       Parent=Smp_158550.1;Name=b2bf33bc-ac9f-408d-
b208-356767f3a72b
SM_V9_1 iris    CDS     67051393        67051487        .       +
        0       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67057064        67057175        .       +
        1       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67060101        67060241        .       +
        0       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67062394        67062643        .       +
        0       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67065503        67065600        .       +
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        2       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67066898        67066930        .       +
        0       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67067952        67068118        .       +
        0       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67069028        67069145        .       +
        1       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67070410        67070516        .       +
        0       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67071357        67071576        .       +
        1       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67073760        67074420        .       +
        0       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67076815        67077066        .       +
        2       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67077791        67077988        .       +
        2       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67082288        67082467        .       +
        2       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67083957        67084250        .       +
        2       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67084617        67084769        .       +
        2       Parent=Smp_158550.1
SM_V9_1 iris    CDS     67085658        67086721        .       +
        2       Parent=Smp_158550.1
SM_V9_1 Liftoff gene    67087856        67103519        .       -
        .       ID=Smp_067260;geneID=Smp_067260
SM_V9_1 Liftoff mRNA    67087856        67103519        .       -
        .
ID=Smp_067260.1;Parent=Smp_067260;geneID=Smp_067260;product=DNA
polymerase alpha subunit
B;polypeptide_domain=InterPro:IPR007185,IPR016722
Pfam:PF04042;Ontology_term=GO:0003677,GO:0003887,GO:0006260
SM_V9_1 Liftoff exon    67087856        67088759        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67089411        67089594        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67091317        67091441        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67092496        67092675        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67094189        67094349        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67095613        67095655        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67096979        67097399        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67098403        67098514        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67102751        67102930        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67102975        67103081        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67103114        67103211        .       -
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        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67103243        67103370        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff exon    67103406        67103519        .       -
        .       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67088547        67088759        .       -
        0       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67089411        67089594        .       -
        1       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67091317        67091441        .       -
        0       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67092496        67092675        .       -
        0       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67094189        67094349        .       -
        2       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67095613        67095655        .       -
        0       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67096979        67097399        .       -
        1       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67098403        67098514        .       -
        2       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67102751        67102930        .       -
        2       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67102975        67103081        .       -
        1       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67103114        67103211        .       -
        0       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67103243        67103370        .       -
        2       Parent=Smp_067260.1
SM_V9_1 Liftoff CDS     67103406        67103481        .       -
        0       Parent=Smp_067260.1
SM_V9_1 iris    gene    67118375        67148971        .       +
        .
ID=Smp_067250;geneID=Smp_067250;gene_name=Smp_067250;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67118375        67148971        .       +
        .
ID=Smp_067250.1;Parent=Smp_067250;geneID=Smp_067250;gene_name=Smp_06
7250;owner=irisadmin@local.host;orig_id=Smp_067250.1;date_last_modif
ied=2022-07-18;Name=Smp_067250.1;product=THO complex subunit 5
homolog;date_creation=2022-07-18
SM_V9_1 iris    exon    67118375        67118412        .       +
        .       Parent=Smp_067250.1;Name=dbeedf34-
cc0f-4f63-8910-968fee36dced
SM_V9_1 iris    exon    67131757        67131805        .       +
        .
Parent=Smp_067250.1;Name=66197f48-0a07-464c-8df1-7eb44947c050
SM_V9_1 iris    exon    67131846        67131995        .       +
        .       Parent=Smp_067250.1;Name=6a2860b6-642d-4f2e-
b055-65e0eaae37f8
SM_V9_1 iris    exon    67132032        67132130        .       +
        .       Parent=Smp_067250.1;Name=859d9bfa-eb9e-45e6-b3b2-
a3c54e6061d3
SM_V9_1 iris    exon    67132178        67132275        .       +
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        .       Parent=Smp_067250.1;Name=954ab8fd-338f-4ff0-
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SM_V9_1 iris    exon    67132315        67132378        .       +
        .
Parent=Smp_067250.1;Name=a1028f8c-8895-40b1-935e-8390c8e620a8
SM_V9_1 iris    exon    67132413        67132480        .       +
        .       Parent=Smp_067250.1;Name=ccb1f017-2043-4fc0-
bcb8-95fc9b235cfa
SM_V9_1 iris    exon    67132519        67132633        .       +
        .
Parent=Smp_067250.1;Name=0c65836f-3219-4cf5-8737-13cefb641b25
SM_V9_1 iris    exon    67132679        67132811        .       +
        .       Parent=Smp_067250.1;Name=be132a32-4eaa-4ded-be01-
cabbe8a819f5
SM_V9_1 iris    exon    67134652        67134800        .       +
        .
Parent=Smp_067250.1;Name=9c341340-7dbe-46cf-913d-7a69e94b6fcb
SM_V9_1 iris    exon    67135565        67135685        .       +
        .       Parent=Smp_067250.1;Name=c8f3f24c-9317-464c-84cb-
b76f023d62de
SM_V9_1 iris    exon    67136357        67136489        .       +
        .       Parent=Smp_067250.1;Name=8a211dc3-
d4e0-46b1-9487-95137d0e3abe
SM_V9_1 iris    exon    67137771        67138098        .       +
        .       Parent=Smp_067250.1;Name=21d22a22-c80b-447a-
b4ba-4d3922640c54
SM_V9_1 iris    exon    67144119        67144235        .       +
        .       Parent=Smp_067250.1;Name=81f55d61-5389-4a4a-
a12d-05201d001349
SM_V9_1 iris    exon    67144713        67144803        .       +
        .       Parent=Smp_067250.1;Name=6f990df6-
e469-4574-9d8b-5afbe3a24b30
SM_V9_1 iris    exon    67145219        67145367        .       +
        .       Parent=Smp_067250.1;Name=02158360-32f1-4fd3-
be6f-1772e34145a7
SM_V9_1 iris    exon    67147025        67147329        .       +
        .       Parent=Smp_067250.1;Name=7d756cd1-85fc-48bc-
b629-3ad6b8b4e189
SM_V9_1 iris    exon    67148550        67148971        .       +
        .       Parent=Smp_067250.1;Name=813c6b5b-896a-485d-aa81-
fe3b8583f118
SM_V9_1 iris    CDS     67131761        67131805        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67131846        67131995        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67132032        67132130        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67132178        67132275        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67132315        67132378        .       +
        1       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67132413        67132480        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67132519        67132633        .       +
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        1       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67132679        67132811        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67134652        67134800        .       +
        2       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67135565        67135685        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67136357        67136489        .       +
        2       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67137771        67138098        .       +
        1       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67144119        67144235        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67144713        67144803        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67145219        67145367        .       +
        2       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67147025        67147329        .       +
        0       Parent=Smp_067250.1
SM_V9_1 iris    CDS     67148550        67148613        .       +
        1       Parent=Smp_067250.1
SM_V9_1 Liftoff gene    67179372        67181035        .       +
        .       ID=Smp_158540;geneID=Smp_158540
SM_V9_1 Liftoff mRNA    67179372        67181035        .       +
        .
ID=Smp_158540.1;Parent=Smp_158540;geneID=Smp_158540;product=tRNA-2-
methylthio-N(6)-dimethylallyladenosine synthase
SM_V9_1 Liftoff exon    67179372        67179433        .       +
        .       Parent=Smp_158540.1
SM_V9_1 Liftoff exon    67180663        67181035        .       +
        .       Parent=Smp_158540.1
SM_V9_1 Liftoff CDS     67179372        67179433        .       +
        0       Parent=Smp_158540.1
SM_V9_1 Liftoff CDS     67180663        67181035        .       +
        1       Parent=Smp_158540.1
SM_V9_1 iris    gene    67298645        67366177        .       +
        .
ID=Smp_154730;geneID=Smp_154730;gene_name=Smp_154730;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-23
SM_V9_1 iris    mRNA    67298645        67366177        .       +
        .
ID=Smp_154730.1;Parent=Smp_154730;geneID=Smp_154730;gene_name=Smp_15
4730;owner=irisadmin@local.host;orig_id=Smp_154730.1;date_last_modif
ied=2022-09-23;Name=Smp_154730.1;product=RNA-binding protein Musashi
homolog 2;date_creation=2022-09-23
SM_V9_1 iris    exon    67298645        67299222        .       +
        .       Parent=Smp_154730.1;Name=0ffe7f7b-96be-4174-bf07-
beeb91a1deb8
SM_V9_1 iris    exon    67323854        67323894        .       +
        .       Parent=Smp_154730.1;Name=65d28d1d-9623-47eb-b241-
d8aecb51ee59
SM_V9_1 iris    exon    67326903        67326984        .       +
        .       Parent=Smp_154730.1;Name=c2638ad7-
a038-4c74-8d2f-2e8039b49521
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SM_V9_1 iris    exon    67327666        67327750        .       +
        .       Parent=Smp_154730.1;Name=5f462905-aaf6-4861-
a06d-4b0e927cb31d
SM_V9_1 iris    exon    67330129        67330176        .       +
        .       Parent=Smp_154730.1;Name=571b27a2-e04e-4310-
b688-6f93db6a03f2
SM_V9_1 iris    exon    67346439        67346531        .       +
        .       Parent=Smp_154730.1;Name=0e56b4b7-da7c-4903-
a608-8d4687b1cce7
SM_V9_1 iris    exon    67355133        67355181        .       +
        .       Parent=Smp_154730.1;Name=61fbf7ee-94e1-4a1b-a51b-
db8914519645
SM_V9_1 iris    exon    67358074        67358156        .       +
        .       Parent=Smp_154730.1;Name=12316b39-2701-46e8-99aa-
c149c3693cb7
SM_V9_1 iris    exon    67364464        67364554        .       +
        .       Parent=Smp_154730.1;Name=2cb721ab-8a18-4ac7-abea-
a68fefdc06f2
SM_V9_1 iris    exon    67365377        67366177        .       +
        .       Parent=Smp_154730.1;Name=478df188-c9db-4848-
b427-5f9e91b3abba
SM_V9_1 iris    CDS     67298990        67299222        .       +
        0       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67323854        67323894        .       +
        1       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67326903        67326984        .       +
        2       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67327666        67327750        .       +
        1       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67330129        67330176        .       +
        0       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67346439        67346531        .       +
        0       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67355133        67355181        .       +
        0       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67358074        67358156        .       +
        2       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67364464        67364554        .       +
        0       Parent=Smp_154730.1
SM_V9_1 iris    CDS     67365377        67365612        .       +
        2       Parent=Smp_154730.1
SM_V9_1 iris    gene    67427693        67437528        .       +
        .
ID=Smp_060660;geneID=Smp_060660;gene_name=Smp_060660;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    67427693        67437528        .       +
        .
ID=Smp_060660.1;Parent=Smp_060660;geneID=Smp_060660;gene_name=Smp_06
0660;owner=irisadmin@local.host;orig_id=Smp_060660.1;date_last_modif
ied=2022-08-01;Name=Smp_060660.1;product=Hypothetical
protein;date_creation=2022-08-01
SM_V9_1 iris    exon    67427693        67428521        .       +
        .       Parent=Smp_060660.1;Name=bb8c0441-12f2-4851-
a7ae-4307da05ec7d
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SM_V9_1 iris    exon    67434470        67434560        .       +
        .       Parent=Smp_060660.1;Name=c61f04b0-0f7e-4377-
a6f9-895e7758388b
SM_V9_1 iris    exon    67436318        67437528        .       +
        .       Parent=Smp_060660.1;Name=e66052ed-f711-43fe-b6fc-
e9d1fd8f7642
SM_V9_1 iris    CDS     67427706        67428521        .       +
        0       Parent=Smp_060660.1
SM_V9_1 iris    CDS     67434470        67434505        .       +
        0       Parent=Smp_060660.1
SM_V9_1 iris    gene    67443441        67450340        .       -
        .
ID=Smp_154740;geneID=Smp_154740;gene_name=Smp_154740;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67443441        67448386        .       -
        .
ID=Smp_154740.2;Parent=Smp_154740;geneID=Smp_154740;gene_name=Smp_15
4740;owner=irisadmin@local.host;orig_id=Smp_154740.1;date_last_modif
ied=2022-08-01;Name=Smp_154740.2;product=Tubulin polyglutamylase
complex subunit 2;date_creation=2022-08-01
SM_V9_1 iris    exon    67443441        67443654        .       -
        .       Parent=Smp_154740.2;Name=4d3c0658-0539-43e4-
ad8c-2ede155c5f4d
SM_V9_1 iris    exon    67444850        67444915        .       -
        .
Parent=Smp_154740.2;Name=03348a49-8771-4677-8eb7-6fec36c24333
SM_V9_1 iris    exon    67446427        67446563        .       -
        .       Parent=Smp_154740.2;Name=659a0697-7d14-4cc3-
a369-65ee62d000cc
SM_V9_1 iris    exon    67446597        67446964        .       -
        .       Parent=Smp_154740.2;Name=aa30ecf9-b486-4bd6-
a2ed-81c602ff8d4f
SM_V9_1 iris    exon    67446998        67447165        .       -
        .       Parent=Smp_154740.2;Name=2ff04634-c6ba-4d5a-
bce1-4d24cb9b32e0
SM_V9_1 iris    exon    67447202        67448386        .       -
        .       Parent=Smp_154740.2;Name=4f2ecddb-5edd-4610-b26f-
fbceb81d5d78
SM_V9_1 iris    CDS     67443588        67443654        .       -
        1       Parent=Smp_154740.2
SM_V9_1 iris    CDS     67444850        67444915        .       -
        1       Parent=Smp_154740.2
SM_V9_1 iris    CDS     67446427        67446563        .       -
        0       Parent=Smp_154740.2
SM_V9_1 iris    CDS     67446597        67446964        .       -
        2       Parent=Smp_154740.2
SM_V9_1 iris    CDS     67446998        67447165        .       -
        2       Parent=Smp_154740.2
SM_V9_1 iris    CDS     67447202        67447241        .       -
        0       Parent=Smp_154740.2
SM_V9_1 iris    mRNA    67443441        67450340        .       -
        .
ID=Smp_154740.1;Parent=Smp_154740;geneID=Smp_154740;gene_name=Smp_15
4740;owner=irisadmin@local.host;orig_id=Smp_154740.1;date_last_modif
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ied=2022-07-18;Name=Smp_154740.1;product=Tubulin polyglutamylase
complex subunit 2;date_creation=2022-07-18
SM_V9_1 iris    exon    67443441        67443654        .       -
        .
Parent=Smp_154740.1;Name=915dc4ec-7be6-49ed-838c-35374e704377
SM_V9_1 iris    exon    67444850        67444918        .       -
        .       Parent=Smp_154740.1;Name=6fb38ca6-529b-403f-
a32f-90946a017383
SM_V9_1 iris    exon    67447202        67447388        .       -
        .       Parent=Smp_154740.1;Name=ec0928be-053e-44ce-
a388-5d40811bcd27
SM_V9_1 iris    exon    67450214        67450340        .       -
        .       Parent=Smp_154740.1;Name=129fd985-b346-461c-86a7-
e170dd52162b
SM_V9_1 iris    CDS     67443588        67443654        .       -
        1       Parent=Smp_154740.1
SM_V9_1 iris    CDS     67444850        67444914        .       -
        0       Parent=Smp_154740.1
SM_V9_1 iris    gene    67459429        67461670        .       +
        .
ID=Smp_210390;geneID=Smp_210390;gene_name=Smp_210390;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_1 iris    gene    67459429        67469183        .       +
        .
ID=Smp_210380;geneID=Smp_210380;gene_name=Smp_210380;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_1 iris    mRNA    67459429        67461670        .       +
        .
ID=Smp_210390.1;Parent=Smp_210390;geneID=Smp_210390;gene_name=Smp_21
0390;owner=irisadmin@local.host;orig_id=Smp_210390.1;date_last_modif
ied=2022-11-13;Name=Smp_210390.1;product=Splicing regulator
RBM11;date_creation=2022-11-13
SM_V9_1 iris    exon    67459429        67461670        .       +
        .       Parent=Smp_210390.1;Name=Smp_210390.1-CDS
SM_V9_1 iris    CDS     67459453        67460130        .       +
        0       Parent=Smp_210390.1
SM_V9_1 iris    mRNA    67459429        67469183        .       +
        .
ID=Smp_210380.1;Parent=Smp_210380;geneID=Smp_210380;gene_name=Smp_21
0380;owner=irisadmin@local.host;orig_id=Smp_210380.1;date_last_modif
ied=2022-11-13;Name=Smp_210380.1;product=Cytosolic Fe-S cluster
assembly factor NUBP2 homolog;date_creation=2022-11-13
SM_V9_1 iris    exon    67459429        67460460        .       +
        .       Parent=Smp_210380.1;Name=cc204135-d8cd-4a15-bc1b-
b222bed75dcf
SM_V9_1 iris    exon    67464212        67464508        .       +
        .       Parent=Smp_210380.1;Name=ef289a4b-5d76-406a-
a2d3-4575a00bf248
SM_V9_1 iris    exon    67467230        67467410        .       +
        .       Parent=Smp_210380.1;Name=1f8b230d-d19b-465c-
a98d-4e76549bfd3b
SM_V9_1 iris    exon    67468895        67469183        .       +
        .       Parent=Smp_210380.1;Name=6ed7fc1b-fcba-4f0d-a942-
c8013d5bb8a4
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SM_V9_1 iris    CDS     67460251        67460460        .       +
        0       Parent=Smp_210380.1
SM_V9_1 iris    CDS     67464212        67464508        .       +
        0       Parent=Smp_210380.1
SM_V9_1 iris    CDS     67467230        67467410        .       +
        0       Parent=Smp_210380.1
SM_V9_1 iris    CDS     67468895        67469022        .       +
        2       Parent=Smp_210380.1
SM_V9_1 iris    gene    67476106        67482742        .       -
        .
ID=Smp_060700;geneID=Smp_060700;gene_name=Smp_060700;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67476106        67482742        .       -
        .
ID=Smp_060700.1;Parent=Smp_060700;geneID=Smp_060700;gene_name=Smp_06
0700;owner=irisadmin@local.host;orig_id=Smp_060700.1;date_last_modif
ied=2022-07-18;Name=Smp_060700.1;product=AP-1 complex subunit
sigma-2;date_creation=2022-07-18
SM_V9_1 iris    exon    67476106        67477107        .       -
        .       Parent=Smp_060700.1;Name=76b50a93-9e8f-45d4-a3e9-
c00ae6a15411
SM_V9_1 iris    exon    67480277        67480414        .       -
        .       Parent=Smp_060700.1;Name=7a1cf0d0-34a1-4fe3-
bf96-5f427be851b2
SM_V9_1 iris    exon    67482298        67482406        .       -
        .       Parent=Smp_060700.1;Name=1e1cb3ef-
e95f-4357-9ac2-1c596fd180a8
SM_V9_1 iris    exon    67482443        67482621        .       -
        .
Parent=Smp_060700.1;Name=6c26e794-767a-454c-9327-5f73946a3dd6
SM_V9_1 iris    exon    67482658        67482742        .       -
        .       Parent=Smp_060700.1;Name=eeb57ce7-87e8-43c2-
b631-7182b61d54ac
SM_V9_1 iris    CDS     67477045        67477107        .       -
        0       Parent=Smp_060700.1
SM_V9_1 iris    CDS     67480277        67480414        .       -
        0       Parent=Smp_060700.1
SM_V9_1 iris    CDS     67482298        67482406        .       -
        1       Parent=Smp_060700.1
SM_V9_1 iris    CDS     67482443        67482621        .       -
        0       Parent=Smp_060700.1
SM_V9_1 iris    CDS     67482658        67482660        .       -
        0       Parent=Smp_060700.1
SM_V9_1 iris    gene    67518339        67595673        .       +
        .
ID=Smp_154760;geneID=Smp_154760;gene_name=Smp_154760;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67518339        67595673        .       +
        .
ID=Smp_154760.1;Parent=Smp_154760;geneID=Smp_154760;gene_name=Smp_15
4760;owner=irisadmin@local.host;orig_id=Smp_154760.5;date_last_modif
ied=2022-07-18;Name=Smp_154760.1;product=Tenascin-
X;date_creation=2022-07-18
SM_V9_1 iris    exon    67518339        67518756        .       +
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        .
Parent=Smp_154760.1;Name=a1cd5c9b-4cba-4ace-8467-81469b51bbb3
SM_V9_1 iris    exon    67526737        67526906        .       +
        .       Parent=Smp_154760.1;Name=16df6ab5-
babd-4b0b-990e-1a2a38427dc7
SM_V9_1 iris    exon    67527989        67528160        .       +
        .
Parent=Smp_154760.1;Name=d8510171-5f03-4fbb-8057-63556d4ca4cd
SM_V9_1 iris    exon    67530211        67530410        .       +
        .       Parent=Smp_154760.1;Name=fc06c3eb-ca82-4d22-
a9a2-4377e39d1a5e
SM_V9_1 iris    exon    67530906        67531471        .       +
        .       Parent=Smp_154760.1;Name=418db715-
bf9d-4293-8e25-0e99155cacca
SM_V9_1 iris    exon    67533647        67533886        .       +
        .       Parent=Smp_154760.1;Name=b5aff718-
db8b-4d8c-8e3c-203eec54810a
SM_V9_1 iris    exon    67535131        67535922        .       +
        .       Parent=Smp_154760.1;Name=7a0fce75-59a6-4254-bc7c-
a45dc4e53657
SM_V9_1 iris    exon    67538246        67538362        .       +
        .
Parent=Smp_154760.1;Name=df15e23f-0a3b-457c-968b-70b980b11f7a
SM_V9_1 iris    exon    67539129        67539146        .       +
        .       Parent=Smp_154760.1;Name=c9971bef-7b9f-44b4-b4f3-
d2cc732f6867
SM_V9_1 iris    exon    67540414        67540545        .       +
        .       Parent=Smp_154760.1;Name=aee22a6c-
b610-4c63-91b7-3be3d9f857ac
SM_V9_1 iris    exon    67549924        67550100        .       +
        .
Parent=Smp_154760.1;Name=3715781d-08f8-43d1-8640-49c1e2929074
SM_V9_1 iris    exon    67569425        67569538        .       +
        .       Parent=Smp_154760.1;Name=68cab7da-d356-40c0-
ae2d-44dcb9e9d6a6
SM_V9_1 iris    exon    67571910        67572023        .       +
        .       Parent=Smp_154760.1;Name=caed7678-fae2-4796-
aac5-166bab9a34b2
SM_V9_1 iris    exon    67574773        67574889        .       +
        .       Parent=Smp_154760.1;Name=2d197144-
cd9d-473f-8869-41547e6358de
SM_V9_1 iris    exon    67577269        67577382        .       +
        .       Parent=Smp_154760.1;Name=47f46b51-b8e2-402b-
bcf8-849fbc95ad61
SM_V9_1 iris    exon    67579053        67579166        .       +
        .
Parent=Smp_154760.1;Name=d843725b-0999-4046-84f4-71e37c4efd2f
SM_V9_1 iris    exon    67581924        67582037        .       +
        .       Parent=Smp_154760.1;Name=9be3887f-e816-43a5-a442-
e0bf09f262be
SM_V9_1 iris    exon    67582801        67582914        .       +
        .       Parent=Smp_154760.1;Name=66e56b75-
ee45-4353-8c9a-5e9d1bc26566
SM_V9_1 iris    exon    67584666        67585181        .       +
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        .       Parent=Smp_154760.1;Name=bce0db12-03c9-4106-
a6c0-5389d9c98547
SM_V9_1 iris    exon    67585472        67585759        .       +
        .       Parent=Smp_154760.1;Name=65762db6-f1ed-4ad5-92be-
f8ec828c31dc
SM_V9_1 iris    exon    67587143        67587235        .       +
        .       Parent=Smp_154760.1;Name=eff0f637-b276-46ba-
ba59-56406c19fc25
SM_V9_1 iris    exon    67589765        67590107        .       +
        .       Parent=Smp_154760.1;Name=413a40f3-e7ff-4c4f-a6a8-
ad7907a4a440
SM_V9_1 iris    exon    67590780        67591133        .       +
        .
Parent=Smp_154760.1;Name=17244cee-248d-4750-8f2a-0b8e046bcbb2
SM_V9_1 iris    exon    67592360        67592463        .       +
        .       Parent=Smp_154760.1;Name=05158a43-0f35-42fe-
b328-552d0aa33030
SM_V9_1 iris    exon    67595058        67595673        .       +
        .       Parent=Smp_154760.1;Name=c8eda6f6-93d0-4ddf-8dd8-
af93939026e0
SM_V9_1 iris    CDS     67518520        67518756        .       +
        0       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67526737        67526906        .       +
        0       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67527989        67528160        .       +
        1       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67530211        67530410        .       +
        0       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67530906        67531471        .       +
        1       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67533647        67533886        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67535131        67535922        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67538246        67538362        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67539129        67539146        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67540414        67540545        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67549924        67550100        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67569425        67569538        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67571910        67572023        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67574773        67574889        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67577269        67577382        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67579053        67579166        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67581924        67582037        .       +
        2       Parent=Smp_154760.1
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SM_V9_1 iris    CDS     67582801        67582914        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67584666        67585181        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67585472        67585759        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67587143        67587235        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67589765        67590107        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67590780        67591133        .       +
        1       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67592360        67592463        .       +
        1       Parent=Smp_154760.1
SM_V9_1 iris    CDS     67595058        67595182        .       +
        2       Parent=Smp_154760.1
SM_V9_1 iris    mRNA    67518339        67595673        .       +
        .
ID=Smp_154760.2;Parent=Smp_154760;geneID=Smp_154760;gene_name=Smp_15
4760;owner=irisadmin@local.host;orig_id=Smp_154760.1;date_last_modif
ied=2022-07-18;Name=Smp_154760.2;product=Tenascin-
X;date_creation=2022-07-18
SM_V9_1 iris    exon    67518339        67518756        .       +
        .       Parent=Smp_154760.2;Name=096bc469-d1b2-413e-
a511-102e26205a1f
SM_V9_1 iris    exon    67526737        67526906        .       +
        .       Parent=Smp_154760.2;Name=81669b82-f2c1-4063-b985-
b8f1499b46e6
SM_V9_1 iris    exon    67527989        67528160        .       +
        .       Parent=Smp_154760.2;Name=c2d1effb-6c6b-40db-
b43d-4c6e41261543
SM_V9_1 iris    exon    67530211        67530410        .       +
        .       Parent=Smp_154760.2;Name=e56888ff-6ae9-4abf-
a236-25297cee294d
SM_V9_1 iris    exon    67530906        67531471        .       +
        .
Parent=Smp_154760.2;Name=780284ca-7409-4e05-8c82-2c98016beaa1
SM_V9_1 iris    exon    67533647        67533886        .       +
        .       Parent=Smp_154760.2;Name=7bb075d6-473e-4972-8e45-
c27fd55c442c
SM_V9_1 iris    exon    67535131        67535922        .       +
        .       Parent=Smp_154760.2;Name=4081399d-4847-4017-9fa5-
dad0461a4e7e
SM_V9_1 iris    exon    67538246        67538362        .       +
        .       Parent=Smp_154760.2;Name=cfaad5e5-d6d7-4e20-8771-
ad2e3b15ac63
SM_V9_1 iris    exon    67539129        67539146        .       +
        .       Parent=Smp_154760.2;Name=476e1147-c19b-4477-b0ac-
c34248d5a7e1
SM_V9_1 iris    exon    67540414        67540545        .       +
        .       Parent=Smp_154760.2;Name=c3a09e8b-4699-4cac-
ade6-25a47aee8565
SM_V9_1 iris    exon    67549924        67550100        .       +
        .       Parent=Smp_154760.2;Name=c3a8804e-6b7f-4ca2-9bbe-
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dcd682274af0
SM_V9_1 iris    exon    67552392        67552505        .       +
        .
Parent=Smp_154760.2;Name=f6ef8357-7d84-43e0-94af-4aa6bd020fd3
SM_V9_1 iris    exon    67554488        67554601        .       +
        .       Parent=Smp_154760.2;Name=35f44a8a-333d-4582-8ed9-
e73034bc71a1
SM_V9_1 iris    exon    67556566        67556673        .       +
        .       Parent=Smp_154760.2;Name=c7fd96d6-00a1-4211-
a9f2-3f0dadee61e4
SM_V9_1 iris    exon    67558402        67558515        .       +
        .
Parent=Smp_154760.2;Name=dbb0ef3d-7ffb-4510-8fab-4a7fa6809c46
SM_V9_1 iris    exon    67560029        67560142        .       +
        .
Parent=Smp_154760.2;Name=4a6360a7-8abf-4bfb-9900-48e30afbe3ff
SM_V9_1 iris    exon    67560563        67560676        .       +
        .
Parent=Smp_154760.2;Name=2ff2e6a3-0077-4454-84d3-2812827e6cc5
SM_V9_1 iris    exon    67561262        67561375        .       +
        .       Parent=Smp_154760.2;Name=9e5e0d8a-415c-43f5-99db-
f2415f4bbfdc
SM_V9_1 iris    exon    67563143        67563256        .       +
        .
Parent=Smp_154760.2;Name=8cc5a27a-9ed2-448e-8b6c-2d80cb00b7cb
SM_V9_1 iris    exon    67563978        67564094        .       +
        .       Parent=Smp_154760.2;Name=e9c7f67f-bb8d-49a6-b3a6-
a05dfd80ca08
SM_V9_1 iris    exon    67569425        67569538        .       +
        .       Parent=Smp_154760.2;Name=39c0e769-
c6b6-4b90-8745-7c2b03e405eb
SM_V9_1 iris    exon    67571910        67572023        .       +
        .       Parent=Smp_154760.2;Name=56c99709-
da76-4c43-8f50-65fe687c5bb2
SM_V9_1 iris    exon    67574773        67574889        .       +
        .       Parent=Smp_154760.2;Name=31037de9-6994-46d4-
ba9f-4e0ea0a8ae21
SM_V9_1 iris    exon    67577269        67577382        .       +
        .
Parent=Smp_154760.2;Name=16ad2aea-27f3-4232-9611-8b1063f6d3a5
SM_V9_1 iris    exon    67579053        67579166        .       +
        .       Parent=Smp_154760.2;Name=44dfbef9-883b-4df6-bf33-
d26b0e7fea2f
SM_V9_1 iris    exon    67581924        67582037        .       +
        .       Parent=Smp_154760.2;Name=9e321fd6-a5cf-42de-92f2-
fec27e0864ed
SM_V9_1 iris    exon    67582801        67582914        .       +
        .       Parent=Smp_154760.2;Name=0297e382-df3c-4976-8f17-
af17111dec26
SM_V9_1 iris    exon    67584666        67585181        .       +
        .       Parent=Smp_154760.2;Name=88b9e9e9-43d7-4252-877f-
a1215faeb778
SM_V9_1 iris    exon    67585472        67585759        .       +
        .       Parent=Smp_154760.2;Name=de972a37-4cee-48e9-
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ab4d-49e3a080bfba
SM_V9_1 iris    exon    67587143        67587235        .       +
        .       Parent=Smp_154760.2;Name=ff588bc6-b212-40e7-8eaa-
fe403c4c7848
SM_V9_1 iris    exon    67589765        67590107        .       +
        .       Parent=Smp_154760.2;Name=d6dff801-f899-460a-
af17-8365ab852938
SM_V9_1 iris    exon    67590780        67591133        .       +
        .       Parent=Smp_154760.2;Name=ffa8f18c-e8c6-4092-8da4-
e346fc573eee
SM_V9_1 iris    exon    67592360        67592463        .       +
        .       Parent=Smp_154760.2;Name=da7378c0-56f7-4fa7-98bf-
c9ff6c55272c
SM_V9_1 iris    exon    67595058        67595673        .       +
        .       Parent=Smp_154760.2;Name=fb39f5f0-ae79-446a-967a-
ff45215ce7dd
SM_V9_1 iris    CDS     67518520        67518756        .       +
        0       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67526737        67526906        .       +
        0       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67527989        67528160        .       +
        1       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67530211        67530410        .       +
        0       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67530906        67531471        .       +
        1       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67533647        67533886        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67535131        67535922        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67538246        67538362        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67539129        67539146        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67540414        67540545        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67549924        67550100        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67552392        67552505        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67554488        67554601        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67556566        67556673        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67558402        67558515        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67560029        67560142        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67560563        67560676        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67561262        67561375        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67563143        67563256        .       +
        2       Parent=Smp_154760.2
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SM_V9_1 iris    CDS     67563978        67564094        .       +
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SM_V9_1 iris    CDS     67569425        67569538        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67571910        67572023        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67574773        67574889        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67577269        67577382        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67579053        67579166        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67581924        67582037        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67582801        67582914        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67584666        67585181        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67585472        67585759        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67587143        67587235        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67589765        67590107        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67590780        67591133        .       +
        1       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67592360        67592463        .       +
        1       Parent=Smp_154760.2
SM_V9_1 iris    CDS     67595058        67595182        .       +
        2       Parent=Smp_154760.2
SM_V9_1 iris    gene    67599589        67605333        .       -
        .
ID=Smp_247240;geneID=Smp_247240;gene_name=Smp_247240;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_1 iris    mRNA    67599589        67605333        .       -
        .
ID=Smp_247240.1;Parent=Smp_247240;geneID=Smp_247240;gene_name=Smp_24
7240;owner=irisadmin@local.host;orig_id=Smp_247240.1;date_last_modif
ied=2022-09-04;Name=Smp_247240.1;product=Protein
Simiate;date_creation=2022-09-04
SM_V9_1 iris    exon    67599589        67600217        .       -
        .       Parent=Smp_247240.1;Name=56756bb7-8193-4c8b-bd4d-
cd6b847fe88b
SM_V9_1 iris    exon    67603925        67604276        .       -
        .       Parent=Smp_247240.1;Name=dd9f3a9d-3ec0-46ad-8fee-
da1878ee119b
SM_V9_1 iris    exon    67605223        67605333        .       -
        .       Parent=Smp_247240.1;Name=aa8215ec-7a48-44d5-af38-
cab27710cea6
SM_V9_1 iris    CDS     67599660        67600217        .       -
        0       Parent=Smp_247240.1
SM_V9_1 iris    CDS     67603925        67604269        .       -
        0       Parent=Smp_247240.1
SM_V9_1 iris    gene    67613025        67652811        .       -
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ID=Smp_247250;geneID=Smp_247250;gene_name=Smp_247250;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67613025        67652811        .       -
        .
ID=Smp_247250.1;Parent=Smp_247250;geneID=Smp_247250;gene_name=Smp_24
7250;owner=irisadmin@local.host;orig_id=Smp_247250.1;date_last_modif
ied=2022-07-18;Name=Smp_247250.1;product=Signal peptide peptidase-
like 2B;date_creation=2022-07-18
SM_V9_1 iris    exon    67613025        67613642        .       -
        .       Parent=Smp_247250.1;Name=7eab8a65-8556-496a-9aba-
f5dcbee53bc6
SM_V9_1 iris    exon    67618857        67618937        .       -
        .       Parent=Smp_247250.1;Name=2405f007-1025-41ac-
b252-129a8b4ab397
SM_V9_1 iris    exon    67623112        67623349        .       -
        .       Parent=Smp_247250.1;Name=10853705-26ad-4cdb-b7de-
d61044292c84
SM_V9_1 iris    exon    67625474        67625545        .       -
        .       Parent=Smp_247250.1;Name=5f486f57-946b-44df-
b7fa-74ddec583fe9
SM_V9_1 iris    exon    67627657        67627741        .       -
        .       Parent=Smp_247250.1;Name=e71fd0e3-1a85-48b0-bfee-
b2386080a4ce
SM_V9_1 iris    exon    67628916        67629038        .       -
        .       Parent=Smp_247250.1;Name=2db5970e-fd19-4b5c-
b705-7f7a0481a8ac
SM_V9_1 iris    exon    67635703        67635802        .       -
        .       Parent=Smp_247250.1;Name=b88f4c98-921f-4a57-
bced-66feb7501b8b
SM_V9_1 iris    exon    67637852        67637982        .       -
        .       Parent=Smp_247250.1;Name=b114fa91-9197-442f-
bc67-48bfc1f0c4f1
SM_V9_1 iris    exon    67642507        67642670        .       -
        .
Parent=Smp_247250.1;Name=49e07c9a-1d9b-4399-98e1-748569d7a5d0
SM_V9_1 iris    exon    67646264        67646518        .       -
        .       Parent=Smp_247250.1;Name=fde1a55e-6d17-4454-8150-
cc5a42ff2c70
SM_V9_1 iris    exon    67649325        67649423        .       -
        .       Parent=Smp_247250.1;Name=47170d52-1a93-4a84-857e-
c01d7a6de88e
SM_V9_1 iris    exon    67652703        67652811        .       -
        .       Parent=Smp_247250.1;Name=1383ce59-36bb-4c39-9c16-
a4095a5115e9
SM_V9_1 iris    CDS     67613329        67613642        .       -
        2       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67618857        67618937        .       -
        2       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67623112        67623349        .       -
        0       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67625474        67625545        .       -
        0       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67627657        67627741        .       -
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        1       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67628916        67629038        .       -
        1       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67635703        67635802        .       -
        2       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67637852        67637982        .       -
        1       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67642507        67642670        .       -
        0       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67646264        67646518        .       -
        0       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67649325        67649423        .       -
        0       Parent=Smp_247250.1
SM_V9_1 iris    CDS     67652703        67652768        .       -
        0       Parent=Smp_247250.1
SM_V9_1 iris    gene    67657909        67678163        .       +
        .
ID=Smp_154780;geneID=Smp_154780;gene_name=Smp_154780;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67657909        67678163        .       +
        .
ID=Smp_154780.1;Parent=Smp_154780;geneID=Smp_154780;gene_name=Smp_15
4780;owner=irisadmin@local.host;orig_id=Smp_154780.1;date_last_modif
ied=2022-07-18;Name=Smp_154780.1;product=Trimethylguanosine
synthase;date_creation=2022-07-18
SM_V9_1 iris    exon    67657909        67657946        .       +
        .       Parent=Smp_154780.1;Name=6bef6826-fb8f-49e8-
b847-5c3a793e1657
SM_V9_1 iris    exon    67659601        67659753        .       +
        .       Parent=Smp_154780.1;Name=e50ac670-5264-45dc-a1fa-
f3aa9d8d96de
SM_V9_1 iris    exon    67659788        67660349        .       +
        .       Parent=Smp_154780.1;Name=23627a8c-e235-4fcc-
a6f3-6ef1c0cdb2db
SM_V9_1 iris    exon    67660393        67660430        .       +
        .       Parent=Smp_154780.1;Name=dcf156b8-cf47-4d22-93b4-
fa03835f51ef
SM_V9_1 iris    exon    67662052        67662182        .       +
        .       Parent=Smp_154780.1;Name=3271a940-bb64-48d3-
b3b5-38ca7fe14816
SM_V9_1 iris    exon    67664907        67665075        .       +
        .
Parent=Smp_154780.1;Name=04583056-8448-4753-915a-7c7545c21227
SM_V9_1 iris    exon    67670464        67670534        .       +
        .       Parent=Smp_154780.1;Name=9aea8fa1-39de-43a0-8dea-
e65d3a63481b
SM_V9_1 iris    exon    67675157        67675327        .       +
        .       Parent=Smp_154780.1;Name=ad58fc2a-
fc42-4922-928a-693e4f712797
SM_V9_1 iris    exon    67675455        67675613        .       +
        .       Parent=Smp_154780.1;Name=6d356328-f552-441f-b47c-
ff05ac4e8253
SM_V9_1 iris    exon    67677347        67678163        .       +
        .       Parent=Smp_154780.1;Name=8c91a599-3ed1-42f8-
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a939-9b5e6ecc637a
SM_V9_1 iris    CDS     67659659        67659753        .       +
        0       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67659788        67660349        .       +
        1       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67660393        67660430        .       +
        0       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67662052        67662182        .       +
        1       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67664907        67665075        .       +
        2       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67670464        67670534        .       +
        1       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67675157        67675327        .       +
        2       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67675455        67675613        .       +
        2       Parent=Smp_154780.1
SM_V9_1 iris    CDS     67677347        67677891        .       +
        2       Parent=Smp_154780.1
SM_V9_1 Liftoff gene    67691709        67707379        .       +
        .       ID=Smp_060750;geneID=Smp_060750
SM_V9_1 Liftoff mRNA    67691709        67707379        .       +
        .
ID=Smp_060750.1;Parent=Smp_060750;geneID=Smp_060750;product=Muscle-
specific homeobox protein
tinman;polypeptide_domain=InterPro:IPR001356,IPR009057
Pfam:PF00046;Ontology_term=GO:0003677
SM_V9_1 Liftoff exon    67691709        67692153        .       +
        .       Parent=Smp_060750.1
SM_V9_1 Liftoff exon    67693967        67694463        .       +
        .       Parent=Smp_060750.1
SM_V9_1 Liftoff exon    67698299        67707379        .       +
        .       Parent=Smp_060750.1
SM_V9_1 Liftoff CDS     67691748        67692153        .       +
        0       Parent=Smp_060750.1
SM_V9_1 Liftoff CDS     67693967        67694463        .       +
        2       Parent=Smp_060750.1
SM_V9_1 Liftoff CDS     67698299        67698337        .       +
        0       Parent=Smp_060750.1
SM_V9_1 iris    gene    67737946        67739520        .       -
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@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    67737946        67739520        .       -
        .
ID=Smp_060760.1;Parent=Smp_060760;geneID=Smp_060760;gene_name=Smp_06
0760;owner=irisadmin@local.host;orig_id=Smp_060760.1;date_last_modif
ied=2022-08-01;Name=Smp_060760.1;product=Histone
H2A;date_creation=2022-08-01
SM_V9_1 iris    exon    67737946        67738737        .       -
        .       Parent=Smp_060760.1;Name=81d2b7a2-cbe5-4a2f-8289-
abf099368e7e
SM_V9_1 iris    exon    67739154        67739520        .       -
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Parent=Smp_060760.1;Name=19887b2d-7177-453a-9572-9154791192bf
SM_V9_1 iris    CDS     67738297        67738737        .       -
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SM_V9_1 iris    CDS     67739154        67739234        .       -
        0       Parent=Smp_060760.1
SM_V9_1 Liftoff gene    67739659        67813548        .       +
        .
ID=Smp_247220;geneID=Smp_247220;previous_systematic_id=Smp_154790
SM_V9_1 Liftoff mRNA    67739659        67813548        .       +
        .
ID=Smp_247220.1;Parent=Smp_247220;geneID=Smp_247220;product=Homeobox
protein
PKNOX1;polypeptide_domain=InterPro:IPR001356,IPR008422,IPR009057,IPR
032453 Pfam:PF05920,PF16493;Ontology_term=GO:0003677,GO:0006355
SM_V9_1 Liftoff exon    67739659        67740623        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67751844        67751918        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67754148        67754868        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67761299        67761431        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67771726        67771865        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67778885        67779295        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67806123        67806370        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67808425        67809029        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff exon    67811021        67813548        .       +
        .       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67740352        67740623        .       +
        0       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67751844        67751918        .       +
        1       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67754148        67754868        .       +
        1       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67761299        67761431        .       +
        0       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67771726        67771865        .       +
        2       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67778885        67779295        .       +
        0       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67806123        67806370        .       +
        0       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67808425        67809029        .       +
        1       Parent=Smp_247220.1
SM_V9_1 Liftoff CDS     67811021        67812645        .       +
        2       Parent=Smp_247220.1
SM_V9_1 Liftoff gene    67816539        67822982        .       +
        .
ID=Smp_247210;geneID=Smp_247210;previous_systematic_id=Smp_154790
SM_V9_1 Liftoff mRNA    67816539        67822982        .       +
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        .
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Pfam:PF07782;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    67816539        67817513        .       +
        .       Parent=Smp_247210.1
SM_V9_1 Liftoff exon    67817559        67818322        .       +
        .       Parent=Smp_247210.1
SM_V9_1 Liftoff exon    67819521        67820009        .       +
        .       Parent=Smp_247210.1
SM_V9_1 Liftoff exon    67822337        67822982        .       +
        .       Parent=Smp_247210.1
SM_V9_1 Liftoff CDS     67816580        67817513        .       +
        0       Parent=Smp_247210.1
SM_V9_1 Liftoff CDS     67817559        67818322        .       +
        2       Parent=Smp_247210.1
SM_V9_1 Liftoff CDS     67819521        67820009        .       +
        0       Parent=Smp_247210.1
SM_V9_1 Liftoff CDS     67822337        67822915        .       +
        0       Parent=Smp_247210.1
SM_V9_1 Liftoff gene    67826539        67833577        .       +
        .
ID=Smp_344660;geneID=Smp_344660;previous_systematic_id=Smp_154800
SM_V9_1 Liftoff mRNA    67826539        67833577        .       +
        .
ID=Smp_344660.1;Parent=Smp_344660;geneID=Smp_344660;product=DC-STAMP
domain-containing protein 2;polypeptide_domain=InterPro:IPR012858
Pfam:PF07782;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    67826539        67827955        .       +
        .       Parent=Smp_344660.1
SM_V9_1 Liftoff exon    67830538        67831044        .       +
        .       Parent=Smp_344660.1
SM_V9_1 Liftoff exon    67832957        67833577        .       +
        .       Parent=Smp_344660.1
SM_V9_1 Liftoff CDS     67826603        67827955        .       +
        0       Parent=Smp_344660.1
SM_V9_1 Liftoff CDS     67830538        67831044        .       +
        0       Parent=Smp_344660.1
SM_V9_1 Liftoff CDS     67832957        67833376        .       +
        0       Parent=Smp_344660.1
SM_V9_1 iris    gene    67837864        67863863        .       -
        .
ID=Smp_168270;geneID=Smp_168270;gene_name=Smp_168270;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    67837864        67863863        .       -
        .
ID=Smp_168270.1;Parent=Smp_168270;geneID=Smp_168270;gene_name=Smp_16
8270;owner=irisadmin@local.host;orig_id=Smp_168270.1;date_last_modif
ied=2022-07-18;Name=Smp_168270.1;product=Thioredoxin domain-
containing protein 3 homolog;date_creation=2022-07-18
SM_V9_1 iris    exon    67837864        67838321        .       -
        .       Parent=Smp_168270.1;Name=ed43428f-b368-4d35-b27f-
eb96403c978b
SM_V9_1 iris    exon    67840221        67840241        .       -
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        .       Parent=Smp_168270.1;Name=85758a37-e8bc-4cb6-a226-
f34c5d680413
SM_V9_1 iris    exon    67841243        67841446        .       -
        .       Parent=Smp_168270.1;Name=730d25ad-6db8-4920-abcb-
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SM_V9_1 iris    exon    67844575        67844616        .       -
        .
Parent=Smp_168270.1;Name=71451fa5-06b2-45f9-8b67-1e75ec9b6958
SM_V9_1 iris    exon    67846458        67846487        .       -
        .       Parent=Smp_168270.1;Name=e035465f-67bb-4aeb-
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SM_V9_1 iris    exon    67848139        67848171        .       -
        .       Parent=Smp_168270.1;Name=917a5312-ba63-4bd1-
ad12-4e35f9bea40a
SM_V9_1 iris    exon    67850198        67850227        .       -
        .       Parent=Smp_168270.1;Name=c391c38f-2ada-4b20-
b164-07e6213e2b1f
SM_V9_1 iris    exon    67852085        67852206        .       -
        .       Parent=Smp_168270.1;Name=f7443b93-b4e6-4f7d-af4d-
e9538e03b95a
SM_V9_1 iris    exon    67853006        67853113        .       -
        .       Parent=Smp_168270.1;Name=c3f4c8da-3f3f-45af-
bb5c-57c5dd272994
SM_V9_1 iris    exon    67855123        67855499        .       -
        .       Parent=Smp_168270.1;Name=06df10aa-
daae-4154-873e-97354743a05f
SM_V9_1 iris    exon    67857384        67857726        .       -
        .
Parent=Smp_168270.1;Name=62035e09-95b2-4447-805d-8760154b9c66
SM_V9_1 iris    exon    67860529        67860603        .       -
        .       Parent=Smp_168270.1;Name=5ed09bd9-
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SM_V9_1 iris    exon    67862861        67863105        .       -
        .       Parent=Smp_168270.1;Name=2bc883b7-1fea-4371-b731-
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SM_V9_1 iris    exon    67863140        67863219        .       -
        .       Parent=Smp_168270.1;Name=f817ec74-4977-463c-a6dc-
dd38fc4744c4
SM_V9_1 iris    exon    67863264        67863336        .       -
        .       Parent=Smp_168270.1;Name=8947aeff-484c-4116-
ba58-5409e521b006
SM_V9_1 iris    exon    67863373        67863489        .       -
        .       Parent=Smp_168270.1;Name=b540c817-a65b-4d48-8ac4-
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SM_V9_1 iris    exon    67863522        67863697        .       -
        .       Parent=Smp_168270.1;Name=8bc0579c-ce02-4491-b632-
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SM_V9_1 iris    exon    67863731        67863863        .       -
        .       Parent=Smp_168270.1;Name=ef3fbcad-d490-4d9c-
b2f3-3de90152ed63
SM_V9_1 iris    CDS     67838314        67838321        .       -
        2       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67840221        67840241        .       -
        2       Parent=Smp_168270.1
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SM_V9_1 iris    CDS     67841243        67841446        .       -
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SM_V9_1 iris    CDS     67844575        67844616        .       -
        2       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67846458        67846487        .       -
        2       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67848139        67848171        .       -
        2       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67850198        67850227        .       -
        2       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67852085        67852206        .       -
        1       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67853006        67853113        .       -
        1       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67855123        67855499        .       -
        0       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67857384        67857726        .       -
        1       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67860529        67860603        .       -
        1       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67862861        67863105        .       -
        0       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67863140        67863219        .       -
        2       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67863264        67863336        .       -
        0       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67863373        67863489        .       -
        0       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67863522        67863697        .       -
        2       Parent=Smp_168270.1
SM_V9_1 iris    CDS     67863731        67863821        .       -
        0       Parent=Smp_168270.1
SM_V9_1 Liftoff gene    67870192        67884977        .       +
        .
ID=Smp_345780;geneID=Smp_345780;previous_systematic_id=Smp_168260
SM_V9_1 Liftoff mRNA    67870192        67884977        .       +
        .
ID=Smp_345780.1;Parent=Smp_345780;geneID=Smp_345780;product=UPF0454
protein C12orf49 homolog;polypeptide_domain=InterPro:IPR019352
Pfam:PF10218
SM_V9_1 Liftoff exon    67870192        67872287        .       +
        .       Parent=Smp_345780.1
SM_V9_1 Liftoff exon    67872322        67872385        .       +
        .       Parent=Smp_345780.1
SM_V9_1 Liftoff exon    67873098        67873321        .       +
        .       Parent=Smp_345780.1
SM_V9_1 Liftoff exon    67879334        67879444        .       +
        .       Parent=Smp_345780.1
SM_V9_1 Liftoff exon    67880616        67884977        .       +
        .       Parent=Smp_345780.1
SM_V9_1 Liftoff CDS     67872186        67872287        .       +
        0       Parent=Smp_345780.1
SM_V9_1 Liftoff CDS     67872322        67872385        .       +
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SM_V9_1 Liftoff CDS     67873098        67873321        .       +
        2       Parent=Smp_345780.1
SM_V9_1 Liftoff CDS     67879334        67879444        .       +
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SM_V9_1 Liftoff CDS     67880616        67880699        .       +
        0       Parent=Smp_345780.1
SM_V9_1 Liftoff mRNA    67870192        67884977        .       +
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ID=Smp_345780.2;Parent=Smp_345780;geneID=Smp_345780;product=Ig
lambda-2 chain V region
SM_V9_1 Liftoff exon    67870192        67882796        .       +
        .       Parent=Smp_345780.2
SM_V9_1 Liftoff exon    67884164        67884977        .       +
        .       Parent=Smp_345780.2
SM_V9_1 Liftoff CDS     67882482        67882796        .       +
        0       Parent=Smp_345780.2
SM_V9_1 Liftoff CDS     67884164        67884613        .       +
        0       Parent=Smp_345780.2
SM_V9_1 Liftoff gene    67909801        67917589        .       +
        .       ID=Smp_168250;geneID=Smp_168250
SM_V9_1 Liftoff mRNA    67909801        67917589        .       +
        .
ID=Smp_168250.1;Parent=Smp_168250;geneID=Smp_168250;product=Protein
NPAT
SM_V9_1 Liftoff exon    67909801        67909957        .       +
        .       Parent=Smp_168250.1
SM_V9_1 Liftoff exon    67917561        67917589        .       +
        .       Parent=Smp_168250.1
SM_V9_1 Liftoff CDS     67909801        67909957        .       +
        0       Parent=Smp_168250.1
SM_V9_1 Liftoff CDS     67917561        67917589        .       +
        2       Parent=Smp_168250.1
SM_V9_1 iris    gene    67970223        68012388        .       -
        .
ID=Smp_168240;geneID=Smp_168240;gene_name=Smp_168240;owner=irisadmin
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SM_V9_1 iris    mRNA    67970223        68012388        .       -
        .
ID=Smp_168240.1;Parent=Smp_168240;geneID=Smp_168240;gene_name=Smp_16
8240;owner=irisadmin@local.host;orig_id=Smp_168240.1;date_last_modif
ied=2022-07-18;Name=Smp_168240.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    67970223        67972431        .       -
        .       Parent=Smp_168240.1;Name=3b33b256-aa8c-4e26-
bd88-6b246a552ac6
SM_V9_1 iris    exon    67977664        67979152        .       -
        .       Parent=Smp_168240.1;Name=9d6a61b7-831c-4ddb-8cfd-
eebfc496972d
SM_V9_1 iris    exon    68011792        68012388        .       -
        .       Parent=Smp_168240.1;Name=2d22e32b-ef80-42b5-954b-
d3889558b9ee
SM_V9_1 iris    CDS     67971689        67972431        .       -
        2       Parent=Smp_168240.1
SM_V9_1 iris    CDS     67977664        67979152        .       -
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        0       Parent=Smp_168240.1
SM_V9_1 iris    CDS     68011792        68012172        .       -
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        .
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SM_V9_1 Liftoff mRNA    68059166        68066038        .       -
        .
ID=Smp_335600.1;Parent=Smp_335600;geneID=Smp_335600;product=Sialidas
e
SM_V9_1 Liftoff exon    68059166        68063675        .       -
        .       Parent=Smp_335600.1
SM_V9_1 Liftoff exon    68063711        68066038        .       -
        .       Parent=Smp_335600.1
SM_V9_1 Liftoff CDS     68059849        68063675        .       -
        2       Parent=Smp_335600.1
SM_V9_1 Liftoff CDS     68063711        68064908        .       -
        0       Parent=Smp_335600.1
SM_V9_1 iris    gene    68067412        68109647        .       +
        .
ID=Smp_196900;geneID=Smp_196900;gene_name=Smp_196900;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    68067412        68109647        .       +
        .
ID=Smp_196900.1;Parent=Smp_196900;geneID=Smp_196900;gene_name=Smp_19
6900;owner=irisadmin@local.host;orig_id=Smp_196900.1;date_last_modif
ied=2022-08-01;Name=Smp_196900.1;product=Cohesin subunit
SA-2;date_creation=2022-07-28
SM_V9_1 iris    exon    68067412        68067775        .       +
        .       Parent=Smp_196900.1;Name=0632f35b-8d58-4ff8-983e-
f9e729bbfc6b
SM_V9_1 iris    exon    68069807        68069930        .       +
        .       Parent=Smp_196900.1;Name=eb8c8780-
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SM_V9_1 iris    exon    68072627        68072861        .       +
        .       Parent=Smp_196900.1;Name=ac22c2f2-549a-4814-b285-
a16c9e9567bf
SM_V9_1 iris    exon    68074537        68074739        .       +
        .
Parent=Smp_196900.1;Name=f6354078-813a-42b6-952e-47ec5f12d3ec
SM_V9_1 iris    exon    68079139        68079300        .       +
        .       Parent=Smp_196900.1;Name=fea3e6d5-9f29-49ab-8287-
cb5fe41fb6ef
SM_V9_1 iris    exon    68081056        68081180        .       +
        .       Parent=Smp_196900.1;Name=04b44cc1-6154-40d7-
b7e7-1d992c783eaa
SM_V9_1 iris    exon    68086877        68086985        .       +
        .       Parent=Smp_196900.1;Name=170deedb-3e3c-44b5-
aae0-748b22b1ddcd
SM_V9_1 iris    exon    68087298        68087576        .       +
        .       Parent=Smp_196900.1;Name=86d0e321-92c1-4dba-b434-
d76bab4994b8
SM_V9_1 iris    exon    68091682        68091853        .       +
        .       Parent=Smp_196900.1;Name=91e9ec6c-
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fbf7-4ba8-9716-83f00048b125
SM_V9_1 iris    exon    68093578        68093773        .       +
        .
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SM_V9_1 iris    exon    68096520        68096688        .       +
        .       Parent=Smp_196900.1;Name=b905d110-e62c-41ea-
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SM_V9_1 iris    exon    68099331        68099588        .       +
        .       Parent=Smp_196900.1;Name=4f4a0a6d-ab40-44d5-
a918-0eb1e13810d9
SM_V9_1 iris    exon    68101512        68101689        .       +
        .       Parent=Smp_196900.1;Name=18ac1942-7117-4fef-
b2f4-8a85ca1808e5
SM_V9_1 iris    exon    68102333        68102515        .       +
        .       Parent=Smp_196900.1;Name=1d5ac85b-07c4-4ded-9d73-
a9e3b9962a50
SM_V9_1 iris    exon    68103862        68104025        .       +
        .
Parent=Smp_196900.1;Name=94477582-556d-41d0-881b-6cf1390921e8
SM_V9_1 iris    exon    68105059        68105270        .       +
        .
Parent=Smp_196900.1;Name=8a288ea2-13d2-4d86-8fc4-292977002bbd
SM_V9_1 iris    exon    68106419        68106545        .       +
        .       Parent=Smp_196900.1;Name=dedb6288-ba53-412e-
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SM_V9_1 iris    exon    68107386        68107463        .       +
        .       Parent=Smp_196900.1;Name=2a3a1d5b-ba19-4a39-
a845-465f982e5af8
SM_V9_1 iris    exon    68107863        68108069        .       +
        .       Parent=Smp_196900.1;Name=b806a1b9-59ab-4a63-
abb7-67a4b60b354c
SM_V9_1 iris    exon    68109132        68109647        .       +
        .       Parent=Smp_196900.1;Name=f52ec3a1-bdeb-48d6-
b6f6-9abe4b61c594
SM_V9_1 iris    CDS     68067486        68067775        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68069807        68069930        .       +
        1       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68072627        68072861        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68074537        68074739        .       +
        2       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68079139        68079300        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68081056        68081180        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68086877        68086985        .       +
        1       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68087298        68087576        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68091682        68091853        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68093578        68093773        .       +
        2       Parent=Smp_196900.1
```

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SM_V9_1 iris    CDS     68096520        68096688        .       +
        1       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68099331        68099588        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68101512        68101689        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68102333        68102515        .       +
        2       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68103862        68104025        .       +
        2       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68105059        68105270        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68106419        68106545        .       +
        1       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68107386        68107463        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68107863        68108069        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    CDS     68109132        68109185        .       +
        0       Parent=Smp_196900.1
SM_V9_1 iris    gene    68111304        68123029        .       -
        .
ID=Smp_247190;geneID=Smp_247190;gene_name=Smp_247190;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_1 iris    mRNA    68111304        68123029        .       -
        .
ID=Smp_247190.1;Parent=Smp_247190;geneID=Smp_247190;gene_name=Smp_24
7190;owner=irisadmin@local.host;orig_id=Smp_247190.1;date_last_modif
ied=2022-08-03;Name=Smp_247190.1;product=Lachesin;date_creation=2022
-08-03
SM_V9_1 iris    exon    68111304        68111526        .       -
        .       Parent=Smp_247190.1;Name=9944caaf-0f27-4704-
bada-76ffab4e96aa
SM_V9_1 iris    exon    68112765        68112882        .       -
        .
Parent=Smp_247190.1;Name=673b8841-2c68-4efd-94bc-27477ebb04f8
SM_V9_1 iris    exon    68115175        68115348        .       -
        .       Parent=Smp_247190.1;Name=1ae87b7a-023b-4dbe-
b62d-278e2b8036e1
SM_V9_1 iris    exon    68116013        68116174        .       -
        .       Parent=Smp_247190.1;Name=fc225bb0-e289-4a6e-
bec3-117614eb4569
SM_V9_1 iris    exon    68116374        68116588        .       -
        .       Parent=Smp_247190.1;Name=25463607-9539-437e-
a31f-31a5aabaa656
SM_V9_1 iris    exon    68117787        68118030        .       -
        .       Parent=Smp_247190.1;Name=4d895a01-
d7f8-43e1-8ae1-8fc34d81e481
SM_V9_1 iris    exon    68122774        68122877        .       -
        .       Parent=Smp_247190.1;Name=8ef6bbc5-19c4-4606-88ca-
db25b2bc3111
SM_V9_1 iris    exon    68122918        68123029        .       -
        .       Parent=Smp_247190.1;Name=5f061d57-
c0f1-4eb5-8395-89ef2fc24d90
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SM_V9_1 iris    CDS     68111432        68111526        .       -
        2       Parent=Smp_247190.1
SM_V9_1 iris    CDS     68112765        68112882        .       -
        0       Parent=Smp_247190.1
SM_V9_1 iris    CDS     68115175        68115348        .       -
        0       Parent=Smp_247190.1
SM_V9_1 iris    CDS     68116013        68116174        .       -
        0       Parent=Smp_247190.1
SM_V9_1 iris    CDS     68116374        68116588        .       -
        2       Parent=Smp_247190.1
SM_V9_1 iris    CDS     68117787        68118030        .       -
        0       Parent=Smp_247190.1
SM_V9_1 iris    CDS     68122774        68122877        .       -
        2       Parent=Smp_247190.1
SM_V9_1 iris    CDS     68122918        68122993        .       -
        0       Parent=Smp_247190.1
SM_V9_1 iris    gene    68136071        68198815        .       -
        .
ID=Smp_247200;geneID=Smp_247200;gene_name=Smp_247200;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    68136071        68198815        .       -
        .
ID=Smp_247200.1;Parent=Smp_247200;geneID=Smp_247200;gene_name=Smp_24
7200;owner=irisadmin@local.host;orig_id=Smp_247200.1;date_last_modif
ied=2022-08-01;Name=Smp_247200.1;product=Active breakpoint cluster
region-related protein;date_creation=2022-07-28
SM_V9_1 iris    exon    68136071        68136506        .       -
        .       Parent=Smp_247200.1;Name=4f8c2b37-0dfb-4cc4-a5a7-
a6a5f6b12a6b
SM_V9_1 iris    exon    68137146        68137251        .       -
        .       Parent=Smp_247200.1;Name=07850885-8bcf-44cf-
bf2d-5858fe9ea204
SM_V9_1 iris    exon    68138809        68138943        .       -
        .       Parent=Smp_247200.1;Name=b6d42c6e-0d8d-4ab7-a28b-
dde605f48cac
SM_V9_1 iris    exon    68141691        68141872        .       -
        .
Parent=Smp_247200.1;Name=6975fe78-05ca-4e20-8b1c-5cb32559ad01
SM_V9_1 iris    exon    68143748        68143857        .       -
        .       Parent=Smp_247200.1;Name=5033581d-1e7c-4a44-906c-
ee1c05a227d3
SM_V9_1 iris    exon    68145127        68145201        .       -
        .       Parent=Smp_247200.1;Name=ef3b2469-9907-496c-
bb1a-93481315afcb
SM_V9_1 iris    exon    68146557        68146643        .       -
        .       Parent=Smp_247200.1;Name=81704584-ad86-4108-843b-
c9675d1501f9
SM_V9_1 iris    exon    68147842        68147936        .       -
        .       Parent=Smp_247200.1;Name=698aefa5-3e48-4131-b0bb-
cabe585a3756
SM_V9_1 iris    exon    68150460        68150528        .       -
        .       Parent=Smp_247200.1;Name=c69f7c14-e7ba-4adf-
bc23-13e329bae4af
SM_V9_1 iris    exon    68152355        68152394        .       -
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        .       Parent=Smp_247200.1;Name=872fa749-921d-4bed-
a98a-31f9a233371b
SM_V9_1 iris    exon    68155990        68156268        .       -
        .       Parent=Smp_247200.1;Name=2d499d60-971a-4370-
acc8-3921255f9237
SM_V9_1 iris    exon    68160146        68160196        .       -
        .       Parent=Smp_247200.1;Name=9dab1452-ad25-49fc-
be4b-66d3ba1d277f
SM_V9_1 iris    exon    68161134        68161225        .       -
        .       Parent=Smp_247200.1;Name=8f03a77d-428b-4aa4-be85-
cf4a928f3ac3
SM_V9_1 iris    exon    68162915        68163069        .       -
        .       Parent=Smp_247200.1;Name=e23bf7e1-42ec-4c81-999c-
d18b8985e4e3
SM_V9_1 iris    exon    68168626        68168759        .       -
        .
Parent=Smp_247200.1;Name=c919843d-1f39-4634-8646-291df48dd764
SM_V9_1 iris    exon    68172282        68172401        .       -
        .       Parent=Smp_247200.1;Name=6608e697-c030-4373-
a010-5bc6dd6e7128
SM_V9_1 iris    exon    68174774        68174826        .       -
        .       Parent=Smp_247200.1;Name=05cd7c9a-3a57-45a5-
b206-0d01fdea2258
SM_V9_1 iris    exon    68176129        68176144        .       -
        .       Parent=Smp_247200.1;Name=d08ea637-2605-47df-a442-
a21969b403cb
SM_V9_1 iris    exon    68182542        68182634        .       -
        .       Parent=Smp_247200.1;Name=d806e30b-a505-4b18-975a-
bc59573e535d
SM_V9_1 iris    exon    68183652        68183819        .       -
        .       Parent=Smp_247200.1;Name=04bda4e1-d0d7-446b-ace8-
d4f9eba8b1ac
SM_V9_1 iris    exon    68187527        68187613        .       -
        .       Parent=Smp_247200.1;Name=aff30978-8306-4514-b71f-
a5e13439c8f3
SM_V9_1 iris    exon    68188848        68188903        .       -
        .       Parent=Smp_247200.1;Name=d6e2870b-bdaa-43a1-82b2-
fd1e13ccf5ba
SM_V9_1 iris    exon    68190618        68190760        .       -
        .       Parent=Smp_247200.1;Name=9f8cdfab-3902-41aa-
a3ef-8d4f3a69c90c
SM_V9_1 iris    exon    68192389        68192433        .       -
        .       Parent=Smp_247200.1;Name=2fa3e454-
e4fd-46e5-93fe-6fb5e41beb38
SM_V9_1 iris    exon    68195091        68195398        .       -
        .       Parent=Smp_247200.1;Name=f94a7de9-2d90-4cb3-92c1-
c50162b37a02
SM_V9_1 iris    exon    68198588        68198815        .       -
        .       Parent=Smp_247200.1;Name=5985d232-f376-44d3-
b3db-0f3f3f6a1de3
SM_V9_1 iris    CDS     68136230        68136506        .       -
        1       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68137146        68137251        .       -
        2       Parent=Smp_247200.1
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SM_V9_1 iris    CDS     68138809        68138943        .       -
        2       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68141691        68141872        .       -
        1       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68143748        68143857        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68145127        68145201        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68146557        68146643        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68147842        68147936        .       -
        2       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68150460        68150528        .       -
        2       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68152355        68152394        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68155990        68156268        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68160146        68160196        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68161134        68161225        .       -
        2       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68162915        68163069        .       -
        1       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68168626        68168759        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68172282        68172401        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68174774        68174826        .       -
        2       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68176129        68176144        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68182542        68182634        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68183652        68183819        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68187527        68187613        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68188848        68188903        .       -
        2       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68190618        68190760        .       -
        1       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68192389        68192433        .       -
        1       Parent=Smp_247200.1
SM_V9_1 iris    CDS     68195091        68195326        .       -
        0       Parent=Smp_247200.1
SM_V9_1 iris    gene    68203433        68247368        .       -
        .
ID=Smp_306290;geneID=Smp_306290;gene_name=Smp_306290;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_1 iris    mRNA    68203433        68247368        .       -
        .
ID=Smp_306290.1;Parent=Smp_306290;geneID=Smp_306290;gene_name=Smp_30
6290;owner=irisadmin@local.host;orig_id=Smp_306290.1;date_last_modif
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ied=2022-09-04;Name=Smp_306290.1;product=Sodium-dependent phosphate
transporter 2;date_creation=2022-09-04
SM_V9_1 iris    exon    68203433        68204445        .       -
        .       Parent=Smp_306290.1;Name=1f3472a8-
fd36-4f85-8b18-052a04c8da06
SM_V9_1 iris    exon    68206083        68206268        .       -
        .       Parent=Smp_306290.1;Name=0907b8ab-
b13f-4514-9d7d-9a3ae3980c89
SM_V9_1 iris    exon    68208477        68208592        .       -
        .       Parent=Smp_306290.1;Name=b691cb87-7717-4190-
bbba-8e22de28f0c8
SM_V9_1 iris    exon    68209897        68210069        .       -
        .
Parent=Smp_306290.1;Name=c9687859-6413-4680-8a88-15859a359435
SM_V9_1 iris    exon    68214008        68214313        .       -
        .       Parent=Smp_306290.1;Name=36f8f332-
fbab-4174-8696-75a930d11d1b
SM_V9_1 iris    exon    68216375        68216494        .       -
        .       Parent=Smp_306290.1;Name=4e257d7c-
f991-43ef-83c3-25b88fc1e13a
SM_V9_1 iris    exon    68218032        68218128        .       -
        .       Parent=Smp_306290.1;Name=13f449e9-9863-4700-82fc-
fce7d7f96275
SM_V9_1 iris    exon    68229738        68229823        .       -
        .       Parent=Smp_306290.1;Name=d4b3c7f5-f0ea-49de-a6fd-
dffc3efd6f71
SM_V9_1 iris    exon    68234865        68235005        .       -
        .       Parent=Smp_306290.1;Name=b4bfa4be-
ae65-49d9-8703-5a883fb21471
SM_V9_1 iris    exon    68242881        68242991        .       -
        .       Parent=Smp_306290.1;Name=2d2b372b-8e82-456e-
bc30-4b69a5d8a7f4
SM_V9_1 iris    exon    68243035        68243279        .       -
        .
Parent=Smp_306290.1;Name=a173b60e-1fb0-490e-84a6-532f86218741
SM_V9_1 iris    exon    68247299        68247368        .       -
        .
Parent=Smp_306290.1;Name=c356d3a8-743e-4ad5-9dca-24343646f2c5
SM_V9_1 iris    CDS     68204208        68204445        .       -
        1       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68206083        68206268        .       -
        1       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68208477        68208592        .       -
        0       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68209897        68210069        .       -
        2       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68214008        68214313        .       -
        2       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68216375        68216494        .       -
        2       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68218032        68218128        .       -
        0       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68229738        68229823        .       -
        2       Parent=Smp_306290.1
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SM_V9_1 iris    CDS     68234865        68235005        .       -
        2       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68242881        68242991        .       -
        2       Parent=Smp_306290.1
SM_V9_1 iris    CDS     68243035        68243224        .       -
        0       Parent=Smp_306290.1
SM_V9_1 iris    gene    68257892        68299101        .       +
        .
ID=Smp_306300;geneID=Smp_306300;gene_name=Smp_306300;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    68257892        68299101        .       +
        .
ID=Smp_306300.1;Parent=Smp_306300;geneID=Smp_306300;gene_name=Smp_30
6300;owner=irisadmin@local.host;orig_id=Smp_306300.1;date_last_modif
ied=2022-08-01;Name=Smp_306300.1;product=Sodium-dependent phosphate
transporter 2;date_creation=2022-07-28
SM_V9_1 iris    exon    68257892        68258227        .       +
        .       Parent=Smp_306300.1;Name=82f615d2-ce9c-4edc-
a851-3669f17a799c
SM_V9_1 iris    exon    68260862        68261106        .       +
        .
Parent=Smp_306300.1;Name=f6433cdc-4104-43ba-9507-89cfd91dfd04
SM_V9_1 iris    exon    68261150        68261260        .       +
        .       Parent=Smp_306300.1;Name=f8293c4f-b4d7-41f7-
aef4-462ed9378708
SM_V9_1 iris    exon    68267173        68267313        .       +
        .       Parent=Smp_306300.1;Name=851b69b6-9aa4-4490-
a143-3d6544867f52
SM_V9_1 iris    exon    68272363        68272448        .       +
        .       Parent=Smp_306300.1;Name=7da2c956-229f-462b-b797-
ef6ceb08b758
SM_V9_1 iris    exon    68282812        68282908        .       +
        .       Parent=Smp_306300.1;Name=5cac43c1-7f5b-477d-
b73f-19ef1a2eac8d
SM_V9_1 iris    exon    68284498        68284617        .       +
        .       Parent=Smp_306300.1;Name=e4d69ffc-000d-415f-bc1b-
b8e9aabedbcf
SM_V9_1 iris    exon    68286679        68286984        .       +
        .       Parent=Smp_306300.1;Name=bced8a9c-
bc38-4396-9091-660e26bda40b
SM_V9_1 iris    exon    68293171        68293343        .       +
        .       Parent=Smp_306300.1;Name=ec1c90ca-4030-4c01-8d0e-
d1c282d35b25
SM_V9_1 iris    exon    68294651        68294766        .       +
        .       Parent=Smp_306300.1;Name=896715e0-abc6-4cd0-
a533-3baf8d3e37e6
SM_V9_1 iris    exon    68296778        68296967        .       +
        .       Parent=Smp_306300.1;Name=8bce7c1d-1ed3-4585-
bd24-43d006fc2f21
SM_V9_1 iris    exon    68297970        68299101        .       +
        .       Parent=Smp_306300.1;Name=99cf5dcc-9213-47fb-
afdc-63a8aed560de
SM_V9_1 iris    CDS     68260917        68261106        .       +
        0       Parent=Smp_306300.1
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SM_V9_1 iris    CDS     68261150        68261260        .       +
        2       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68267173        68267313        .       +
        2       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68272363        68272448        .       +
        2       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68282812        68282908        .       +
        0       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68284498        68284617        .       +
        2       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68286679        68286984        .       +
        2       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68293171        68293343        .       +
        2       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68294651        68294766        .       +
        0       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68296778        68296967        .       +
        1       Parent=Smp_306300.1
SM_V9_1 iris    CDS     68297970        68298023        .       +
        0       Parent=Smp_306300.1
SM_V9_1 Liftoff gene    68319248        68334554        .       +
        .       ID=Smp_172160;geneID=Smp_172160
SM_V9_1 Liftoff mRNA    68319248        68334554        .       +
        .
ID=Smp_172160.1;Parent=Smp_172160;geneID=Smp_172160;product=RNA
polymerase-associated protein
LEO1;polypeptide_domain=InterPro:IPR007149
Pfam:PF04004;Ontology_term=GO:0006368,GO:0016570,GO:0016593
SM_V9_1 Liftoff exon    68319248        68319339        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68319379        68319474        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68319515        68319564        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68322007        68322347        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68324060        68324192        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68325297        68325526        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68330913        68330988        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68333044        68333311        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68333710        68333753        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff exon    68334410        68334554        .       +
        .       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68319291        68319339        .       +
        0       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68319379        68319474        .       +
        2       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68319515        68319564        .       +
        2       Parent=Smp_172160.1
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SM_V9_1 Liftoff CDS     68322007        68322347        .       +
        0       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68324060        68324192        .       +
        1       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68325297        68325526        .       +
        0       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68330913        68330988        .       +
        1       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68333044        68333311        .       +
        0       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68333710        68333753        .       +
        2       Parent=Smp_172160.1
SM_V9_1 Liftoff CDS     68334410        68334475        .       +
        0       Parent=Smp_172160.1
SM_V9_1 iris    gene    68340027        68382224        .       -
        .
ID=Smp_172150;geneID=Smp_172150;gene_name=Smp_172150;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-28
SM_V9_1 iris    mRNA    68340027        68382224        .       -
        .
ID=Smp_172150.1;Parent=Smp_172150;geneID=Smp_172150;gene_name=Smp_17
2150;owner=irisadmin@local.host;orig_id=Smp_172150.1;date_last_modif
ied=2022-08-01;Name=Smp_172150.1;product=Probable ATP-dependent RNA
helicase YTHDC2;date_creation=2022-07-28
SM_V9_1 iris    exon    68340027        68340764        .       -
        .       Parent=Smp_172150.1;Name=3e8a682c-
d534-41c5-9d57-3dc03a3d7e08
SM_V9_1 iris    exon    68342135        68342644        .       -
        .
Parent=Smp_172150.1;Name=dc901f76-2ba0-4d07-99d7-933d13ec881d
SM_V9_1 iris    exon    68343850        68344538        .       -
        .
Parent=Smp_172150.1;Name=25950f2c-65a1-4a6f-82d5-3fef83dda729
SM_V9_1 iris    exon    68349533        68349815        .       -
        .
Parent=Smp_172150.1;Name=4331407f-13db-497e-81ce-9816a0ba47cd
SM_V9_1 iris    exon    68350574        68350769        .       -
        .
Parent=Smp_172150.1;Name=6c262c54-27cd-4e44-858d-39aa9f4c53d2
SM_V9_1 iris    exon    68351986        68352080        .       -
        .       Parent=Smp_172150.1;Name=29ce6ba5-8009-4289-
b40f-3c69b1406f03
SM_V9_1 iris    exon    68352134        68352240        .       -
        .       Parent=Smp_172150.1;Name=9f5edeb0-da40-47a4-8223-
c0cfbe5628b9
SM_V9_1 iris    exon    68353454        68353619        .       -
        .       Parent=Smp_172150.1;Name=d1a9c8da-1671-4723-
ad02-86504b4fdff3
SM_V9_1 iris    exon    68354390        68354509        .       -
        .
Parent=Smp_172150.1;Name=74022cdf-851d-4cbc-85b1-328d227bdd76
SM_V9_1 iris    exon    68356305        68356410        .       -
        .       Parent=Smp_172150.1;Name=2542fcc8-141e-459e-8ff7-
e823811a626b
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SM_V9_1 iris    exon    68357609        68357691        .       -
        .       Parent=Smp_172150.1;Name=6a936b3c-ac89-4afb-a447-
f00416c4eaff
SM_V9_1 iris    exon    68359229        68359309        .       -
        .       Parent=Smp_172150.1;Name=702dec84-
a71b-4f7f-969e-2af7c139be39
SM_V9_1 iris    exon    68360250        68360340        .       -
        .       Parent=Smp_172150.1;Name=f3e540b3-7fde-4edf-
a5a5-0b68161a5c50
SM_V9_1 iris    exon    68361415        68361508        .       -
        .
Parent=Smp_172150.1;Name=799922cb-23c1-4b41-86b1-85687540aa1d
SM_V9_1 iris    exon    68362391        68362695        .       -
        .       Parent=Smp_172150.1;Name=977f2120-b1cd-4363-
b97a-7b40207ec8eb
SM_V9_1 iris    exon    68362945        68363221        .       -
        .       Parent=Smp_172150.1;Name=7279a9e7-
b9bc-4dab-9c07-9bdc96294b2e
SM_V9_1 iris    exon    68364639        68364747        .       -
        .       Parent=Smp_172150.1;Name=e04ddc85-3016-4c0d-8db0-
db5fdedd73d9
SM_V9_1 iris    exon    68366352        68366546        .       -
        .       Parent=Smp_172150.1;Name=b1b27b4c-736f-4099-
b176-36f992cac15d
SM_V9_1 iris    exon    68367671        68367831        .       -
        .       Parent=Smp_172150.1;Name=50f4eff6-50be-40aa-8eff-
d03fb3d3c677
SM_V9_1 iris    exon    68369505        68369612        .       -
        .       Parent=Smp_172150.1;Name=0eea1138-
da62-4f50-8b07-008f42db8159
SM_V9_1 iris    exon    68370832        68371105        .       -
        .       Parent=Smp_172150.1;Name=32be8c02-c5d3-4432-9fad-
d2883101da3f
SM_V9_1 iris    exon    68372363        68372786        .       -
        .
Parent=Smp_172150.1;Name=0f5b66ac-8ae5-4292-8655-2db79b673dcc
SM_V9_1 iris    exon    68373699        68373856        .       -
        .       Parent=Smp_172150.1;Name=11e12ee8-684a-4e81-8dbe-
fe9ce44d3235
SM_V9_1 iris    exon    68374582        68374814        .       -
        .       Parent=Smp_172150.1;Name=2fe7295c-e6f3-4d3c-baca-
cc9cc273d3c1
SM_V9_1 iris    exon    68375190        68375380        .       -
        .       Parent=Smp_172150.1;Name=023214a4-75b9-42ec-8684-
d2922e9f6479
SM_V9_1 iris    exon    68378642        68378882        .       -
        .
Parent=Smp_172150.1;Name=0a4904f5-89a4-4761-9ece-7ab88b84a9a2
SM_V9_1 iris    exon    68381741        68382224        .       -
        .       Parent=Smp_172150.1;Name=649baab6-9f69-4eff-b417-
aebbb7ff58b6
SM_V9_1 iris    CDS     68340369        68340764        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68342135        68342644        .       -
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        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68343850        68344538        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68349533        68349815        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68350574        68350769        .       -
        1       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68351986        68352080        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68352134        68352240        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68353454        68353619        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68354390        68354509        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68356305        68356410        .       -
        1       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68357609        68357691        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68359229        68359309        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68360250        68360340        .       -
        1       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68361415        68361508        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68362391        68362695        .       -
        1       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68362945        68363221        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68364639        68364747        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68366352        68366546        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68367671        68367831        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68369505        68369612        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68370832        68371105        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68372363        68372786        .       -
        1       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68373699        68373856        .       -
        0       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68374582        68374814        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68375190        68375380        .       -
        1       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68378642        68378882        .       -
        2       Parent=Smp_172150.1
SM_V9_1 iris    CDS     68381741        68381843        .       -
        0       Parent=Smp_172150.1
SM_V9_1 Liftoff gene    68387818        68400802        .       +
        .       ID=Smp_172140;geneID=Smp_172140
SM_V9_1 Liftoff mRNA    68387818        68400802        .       +
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        .
ID=Smp_172140.1;Parent=Smp_172140;geneID=Smp_172140;product=Cilia-
and flagella-associated protein 45;polypeptide_domain=Pfam:PF13868
SM_V9_1 Liftoff exon    68387818        68387929        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68387975        68388139        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68388174        68388343        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68388377        68388521        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68390067        68390408        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68393068        68393352        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68395421        68395728        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68397010        68397234        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff exon    68400472        68400802        .       +
        .       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68387927        68387929        .       +
        0       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68387975        68388139        .       +
        0       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68388174        68388343        .       +
        0       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68388377        68388521        .       +
        1       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68390067        68390408        .       +
        0       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68393068        68393352        .       +
        0       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68395421        68395728        .       +
        0       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68397010        68397234        .       +
        1       Parent=Smp_172140.1
SM_V9_1 Liftoff CDS     68400472        68400553        .       +
        1       Parent=Smp_172140.1
SM_V9_1 iris    gene    68411747        68444806        .       -
        .
ID=Smp_172130;geneID=Smp_172130;gene_name=Smp_172130;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    68411747        68444806        .       -
        .
ID=Smp_172130.1;Parent=Smp_172130;geneID=Smp_172130;gene_name=Smp_17
2130;owner=irisadmin@local.host;orig_id=Smp_172130.1;date_last_modif
ied=2022-08-12;Name=Smp_172130.1;product=E3 SUMO-protein ligase
PIAS1;date_creation=2022-08-12
SM_V9_1 iris    exon    68411747        68413150        .       -
        .       Parent=Smp_172130.1;Name=550ae04b-daff-4092-9ab9-
eb6ffc3dae94
SM_V9_1 iris    exon    68414473        68414601        .       -
        .       Parent=Smp_172130.1;Name=a1fc467a-4f05-4e82-
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ad90-59386f0c3fb2
SM_V9_1 iris    exon    68414968        68415617        .       -
        .       Parent=Smp_172130.1;Name=c43f96d1-dc8e-4225-
adab-57d178c4a38d
SM_V9_1 iris    exon    68417049        68417513        .       -
        .       Parent=Smp_172130.1;Name=2047977d-742f-4a35-a88e-
dce49b716243
SM_V9_1 iris    exon    68422058        68422136        .       -
        .       Parent=Smp_172130.1;Name=39d982cd-0395-45eb-
bc34-5c8d634c3b1e
SM_V9_1 iris    exon    68423004        68423571        .       -
        .       Parent=Smp_172130.1;Name=d9f20abf-f0d1-4f3f-
a88f-49fa42fc4d8d
SM_V9_1 iris    exon    68426672        68426985        .       -
        .
Parent=Smp_172130.1;Name=605934a2-93c5-47ee-809b-23ea62bf3541
SM_V9_1 iris    exon    68428172        68428339        .       -
        .       Parent=Smp_172130.1;Name=6259fd74-59f9-4470-
b113-379f7e2808b8
SM_V9_1 iris    exon    68429208        68429505        .       -
        .
Parent=Smp_172130.1;Name=a30bd37d-1530-48a6-8d44-1c645ed2aebc
SM_V9_1 iris    exon    68431707        68431908        .       -
        .
Parent=Smp_172130.1;Name=db544345-8f94-4759-84dd-831bb2e62102
SM_V9_1 iris    exon    68437170        68437814        .       -
        .       Parent=Smp_172130.1;Name=3cfe3090-e0de-432c-b5e9-
a1a7f3f444cd
SM_V9_1 iris    exon    68444418        68444598        .       -
        .       Parent=Smp_172130.1;Name=a5f79b46-bb2c-4f5c-86ed-
c5f7e2dcb96f
SM_V9_1 iris    exon    68444632        68444699        .       -
        .       Parent=Smp_172130.1;Name=19348106-fb99-45e0-8f28-
d1e7979d0a76
SM_V9_1 iris    exon    68444745        68444806        .       -
        .       Parent=Smp_172130.1;Name=48a5b0e9-e814-45fe-9944-
f6467690cc78
SM_V9_1 iris    CDS     68414488        68414601        .       -
        0       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68414968        68415617        .       -
        2       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68417049        68417513        .       -
        2       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68422058        68422136        .       -
        0       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68423004        68423571        .       -
        1       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68426672        68426985        .       -
        0       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68428172        68428339        .       -
        0       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68429208        68429505        .       -
        1       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68431707        68431908        .       -
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        2       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68437170        68437814        .       -
        2       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68444418        68444598        .       -
        0       Parent=Smp_172130.1
SM_V9_1 iris    CDS     68444632        68444664        .       -
        0       Parent=Smp_172130.1
SM_V9_1 Liftoff gene    68464338        68470222        .       +
        .       ID=Smp_172120;geneID=Smp_172120
SM_V9_1 Liftoff mRNA    68464338        68470222        .       +
        .
ID=Smp_172120.1;Parent=Smp_172120;geneID=Smp_172120;product=UPF0565
protein C2orf69;polypeptide_domain=InterPro:IPR018881 Pfam:PF10561
SM_V9_1 Liftoff exon    68464338        68465774        .       +
        .       Parent=Smp_172120.1
SM_V9_1 Liftoff exon    68468275        68468883        .       +
        .       Parent=Smp_172120.1
SM_V9_1 Liftoff exon    68469524        68470222        .       +
        .       Parent=Smp_172120.1
SM_V9_1 Liftoff CDS     68465649        68465774        .       +
        0       Parent=Smp_172120.1
SM_V9_1 Liftoff CDS     68468275        68468883        .       +
        0       Parent=Smp_172120.1
SM_V9_1 Liftoff CDS     68469524        68469733        .       +
        0       Parent=Smp_172120.1
SM_V9_1 Liftoff mRNA    68464338        68470222        .       +
        .
ID=Smp_172120.2;Parent=Smp_172120;geneID=Smp_172120;product=Coiled-
coil domain-containing protein 89
SM_V9_1 Liftoff exon    68464338        68470222        .       +
        .       Parent=Smp_172120.2
SM_V9_1 Liftoff CDS     68469527        68469733        .       +
        0       Parent=Smp_172120.2
SM_V9_1 iris    gene    68485688        68502164        .       +
        .
ID=Smp_172110;geneID=Smp_172110;gene_name=Smp_172110;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_1 iris    mRNA    68485688        68502164        .       +
        .
ID=Smp_172110.1;Parent=Smp_172110;geneID=Smp_172110;gene_name=Smp_17
2110;owner=irisadmin@local.host;orig_id=Smp_172110.1;date_last_modif
ied=2022-09-04;Name=Smp_172110.1;product=Protein disulfide-isomerase
A6;date_creation=2022-09-04
SM_V9_1 iris    exon    68485688        68485765        .       +
        .       Parent=Smp_172110.1;Name=20fd4120-8bae-49e0-b23b-
a77eb2337d1e
SM_V9_1 iris    exon    68487450        68487640        .       +
        .       Parent=Smp_172110.1;Name=11c81855-bd72-4749-9ebb-
b9e721795028
SM_V9_1 iris    exon    68487677        68487803        .       +
        .       Parent=Smp_172110.1;Name=bf58b552-
d3f7-492d-9ffa-3725d54c5a51
SM_V9_1 iris    exon    68487839        68487924        .       +
        .       Parent=Smp_172110.1;Name=7bcfcead-
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ff19-4abe-98f4-01a2ca962b82
SM_V9_1 iris    exon    68492702        68492816        .       +
        .       Parent=Smp_172110.1;Name=89548261-09b6-4651-8bbb-
efb011b33d5b
SM_V9_1 iris    exon    68494238        68494347        .       +
        .       Parent=Smp_172110.1;Name=9cd1c9c1-e7bc-4329-
a01e-910ccba5a222
SM_V9_1 iris    exon    68496004        68496311        .       +
        .       Parent=Smp_172110.1;Name=34c93b77-
f1bc-4923-806f-778ff0fd5d0c
SM_V9_1 iris    exon    68497784        68497856        .       +
        .       Parent=Smp_172110.1;Name=31b4544c-0965-4a32-afbd-
a423ee322ab3
SM_V9_1 iris    exon    68499525        68499707        .       +
        .       Parent=Smp_172110.1;Name=9281d6f0-7ceb-4369-a1e6-
c487518771b5
SM_V9_1 iris    exon    68501932        68502164        .       +
        .       Parent=Smp_172110.1;Name=c28d3fd5-882d-4479-b63b-
c6548f75339e
SM_V9_1 iris    CDS     68485750        68485765        .       +
        0       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68487450        68487640        .       +
        2       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68487677        68487803        .       +
        0       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68487839        68487924        .       +
        2       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68492702        68492816        .       +
        0       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68494238        68494347        .       +
        2       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68496004        68496311        .       +
        0       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68497784        68497856        .       +
        1       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68499525        68499707        .       +
        0       Parent=Smp_172110.1
SM_V9_1 iris    CDS     68501932        68501976        .       +
        0       Parent=Smp_172110.1
SM_V9_1 iris    gene    68509598        68528935        .       +
        .
ID=Smp_196040;geneID=Smp_196040;gene_name=Smp_196040;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    68509598        68528935        .       +
        .
ID=Smp_196040.1;Parent=Smp_196040;geneID=Smp_196040;gene_name=Smp_19
6040;owner=irisadmin@local.host;orig_id=Smp_196040.1;date_last_modif
ied=2022-07-18;Name=Smp_196040.1;product=SHC-transforming protein
3;date_creation=2022-07-18
SM_V9_1 iris    exon    68509598        68509832        .       +
        .       Parent=Smp_196040.1;Name=3e786953-
f427-408b-8d45-48bf48232361
SM_V9_1 iris    exon    68515916        68516093        .       +
        .       Parent=Smp_196040.1;Name=97030243-70cd-49c6-8479-
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b4db75107829
SM_V9_1 iris    exon    68518703        68518891        .       +
        .       Parent=Smp_196040.1;Name=5445c840-6af0-4123-
b3d9-1848de8a6964
SM_V9_1 iris    exon    68523820        68523990        .       +
        .       Parent=Smp_196040.1;Name=d776a0b9-054c-4c01-b818-
fd91e3bdf6fd
SM_V9_1 iris    exon    68525184        68525316        .       +
        .
Parent=Smp_196040.1;Name=11d31e33-7bd0-4768-8029-30abd2495dcc
SM_V9_1 iris    exon    68526094        68526491        .       +
        .       Parent=Smp_196040.1;Name=f86d1d21-
db82-4213-954e-593569cb78f7
SM_V9_1 iris    exon    68527336        68527490        .       +
        .       Parent=Smp_196040.1;Name=4b549c52-77b4-4051-861f-
a9a3bee4a7e3
SM_V9_1 iris    exon    68528508        68528935        .       +
        .       Parent=Smp_196040.1;Name=6c812cef-51cf-452c-8c67-
e85b9c8acdaf
SM_V9_1 iris    CDS     68509675        68509832        .       +
        0       Parent=Smp_196040.1
SM_V9_1 iris    CDS     68515916        68516093        .       +
        1       Parent=Smp_196040.1
SM_V9_1 iris    CDS     68518703        68518891        .       +
        0       Parent=Smp_196040.1
SM_V9_1 iris    CDS     68523820        68523990        .       +
        0       Parent=Smp_196040.1
SM_V9_1 iris    CDS     68525184        68525316        .       +
        0       Parent=Smp_196040.1
SM_V9_1 iris    CDS     68526094        68526491        .       +
        2       Parent=Smp_196040.1
SM_V9_1 iris    CDS     68527336        68527476        .       +
        0       Parent=Smp_196040.1
SM_V9_1 iris    gene    68529712        68535425        .       -
        .
ID=Smp_091480;geneID=Smp_091480;gene_name=Smp_091480;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    68529712        68535425        .       -
        .
ID=Smp_091480.1;Parent=Smp_091480;geneID=Smp_091480;gene_name=Smp_09
1480;owner=irisadmin@local.host;orig_id=Smp_091480.1;date_last_modif
ied=2022-08-01;Name=Smp_091480.1;product=Kinetochore protein
spc25;date_creation=2022-07-29
SM_V9_1 iris    exon    68529712        68530279        .       -
        .       Parent=Smp_091480.1;Name=e04758d9-7d8f-4022-96ae-
a04b75f5a711
SM_V9_1 iris    exon    68532828        68533132        .       -
        .
Parent=Smp_091480.1;Name=0f5a866a-5c2c-49a6-8cdf-746d0f9e735c
SM_V9_1 iris    exon    68535338        68535425        .       -
        .       Parent=Smp_091480.1;Name=f95e2344-6dac-4360-a9d8-
c5168ddae13f
SM_V9_1 iris    CDS     68529863        68530279        .       -
        0       Parent=Smp_091480.1
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SM_V9_1 iris    CDS     68532828        68533109        .       -
        0       Parent=Smp_091480.1
SM_V9_1 Liftoff gene    68561958        68595218        .       +
        .       ID=Smp_091470;geneID=Smp_091470
SM_V9_1 Liftoff mRNA    68561958        68595218        .       +
        .
ID=Smp_091470.1;Parent=Smp_091470;geneID=Smp_091470;product=Puromyci
n-sensitive
aminopeptidase;polypeptide_domain=InterPro:IPR014782,IPR024571,IPR03
4016 Pfam:PF01433,PF11838;Ontology_term=GO:0008237,GO:0008270
SM_V9_1 Liftoff exon    68561958        68562146        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68562179        68562251        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68562286        68562353        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68562393        68562515        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68562550        68562657        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68565004        68565120        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68566917        68567134        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68569603        68569810        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68573572        68573643        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68579290        68579635        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68580269        68580561        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68582957        68583161        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68587984        68588213        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68589152        68589457        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68594253        68594300        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff exon    68594968        68595218        .       +
        .       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68562027        68562146        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68562179        68562251        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68562286        68562353        .       +
        2       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68562393        68562515        .       +
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SM_V9_1 Liftoff CDS     68562550        68562657        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68565004        68565120        .       +
        0       Parent=Smp_091470.1
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SM_V9_1 Liftoff CDS     68566917        68567134        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68569603        68569810        .       +
        1       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68573572        68573643        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68579290        68579635        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68580269        68580561        .       +
        2       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68582957        68583161        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68587984        68588213        .       +
        2       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68589152        68589457        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68594253        68594300        .       +
        0       Parent=Smp_091470.1
SM_V9_1 Liftoff CDS     68594968        68595111        .       +
        0       Parent=Smp_091470.1
SM_V9_1 iris    gene    68616056        68634407        .       +
        .
ID=Smp_091460;geneID=Smp_091460;gene_name=Smp_091460;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    68616056        68634407        .       +
        .
ID=Smp_091460.1;Parent=Smp_091460;geneID=Smp_091460;gene_name=Smp_09
1460;owner=irisadmin@local.host;orig_id=Smp_091460.1;date_last_modif
ied=2022-08-01;Name=Smp_091460.1;product=Glutamine
synthetase;date_creation=2022-07-29
SM_V9_1 iris    exon    68616056        68616292        .       +
        .       Parent=Smp_091460.1;Name=e2ac9806-17bb-457c-
b70c-32f02c4817d5
SM_V9_1 iris    exon    68619402        68619563        .       +
        .       Parent=Smp_091460.1;Name=ac4a653a-a7a9-4653-bb4c-
bb32be0f4500
SM_V9_1 iris    exon    68623159        68623305        .       +
        .       Parent=Smp_091460.1;Name=83fe504d-9918-4d4a-a24a-
ea3a9654152b
SM_V9_1 iris    exon    68625856        68625983        .       +
        .       Parent=Smp_091460.1;Name=3679bb39-1abd-43c1-
b33f-8210ac271e16
SM_V9_1 iris    exon    68628211        68628413        .       +
        .
Parent=Smp_091460.1;Name=5daa85b7-2a82-42b4-8cf7-5f9e171d8bcb
SM_V9_1 iris    exon    68631739        68631878        .       +
        .
Parent=Smp_091460.1;Name=1caed4da-3e00-492b-842d-2615fa238c13
SM_V9_1 iris    exon    68633647        68634407        .       +
        .
Parent=Smp_091460.1;Name=0766c7c4-5bb0-4753-9590-19f1aa032df7
SM_V9_1 iris    CDS     68616121        68616292        .       +
        0       Parent=Smp_091460.1
SM_V9_1 iris    CDS     68619402        68619563        .       +
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        2       Parent=Smp_091460.1
SM_V9_1 iris    CDS     68623159        68623305        .       +
        2       Parent=Smp_091460.1
SM_V9_1 iris    CDS     68625856        68625983        .       +
        2       Parent=Smp_091460.1
SM_V9_1 iris    CDS     68628211        68628413        .       +
        0       Parent=Smp_091460.1
SM_V9_1 iris    CDS     68631739        68631878        .       +
        1       Parent=Smp_091460.1
SM_V9_1 iris    CDS     68633647        68633789        .       +
        2       Parent=Smp_091460.1
SM_V9_1 Liftoff gene    68642489        68694314        .       -
        .
ID=Smp_332610;geneID=Smp_332610;previous_systematic_id=Smp_172080,Sm
p_172100
SM_V9_1 Liftoff mRNA    68642489        68694314        .       -
        .
ID=Smp_332610.1;Parent=Smp_332610;geneID=Smp_332610;product=E3
ubiquitin-protein ligase
TRIM56;polypeptide_domain=InterPro:IPR000315,IPR001258,IPR001841,IPR
011042,IPR013017,IPR013083,IPR017907
Pfam:PF01436;Ontology_term=GO:0005515,GO:0005622,GO:0008270
SM_V9_1 Liftoff exon    68642489        68643063        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68649419        68649811        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68651105        68651242        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68652959        68653199        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68655968        68656298        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68660628        68660710        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68662453        68662643        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68665581        68665692        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68665734        68665993        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68672458        68672551        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68686905        68687308        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff exon    68694019        68694314        .       -
        .       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68642707        68643063        .       -
        0       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68649419        68649811        .       -
        0       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68651105        68651242        .       -
        0       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68652959        68653199        .       -
        1       Parent=Smp_332610.1
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SM_V9_1 Liftoff CDS     68655968        68656298        .       -
        2       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68660628        68660710        .       -
        1       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68662453        68662643        .       -
        0       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68665581        68665692        .       -
        1       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68665734        68665993        .       -
        0       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68672458        68672551        .       -
        1       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68686905        68687308        .       -
        0       Parent=Smp_332610.1
SM_V9_1 Liftoff CDS     68694019        68694297        .       -
        0       Parent=Smp_332610.1
SM_V9_1 Liftoff gene    68702947        68722704        .       -
        .       ID=Smp_172070;geneID=Smp_172070
SM_V9_1 Liftoff mRNA    68702947        68722704        .       -
        .
ID=Smp_172070.1;Parent=Smp_172070;geneID=Smp_172070;product=Neural
cell adhesion molecule L1-like
protein;polypeptide_domain=InterPro:IPR007110,IPR013783,IPR026966
Pfam:PF13882
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SM_V9_1 Liftoff exon    68706520        68706601        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68708309        68708422        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68708546        68708774        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68709768        68709976        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68710988        68711237        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68715096        68715262        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68716560        68716713        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68718155        68718372        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68718817        68719080        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68720656        68720790        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68720826        68720922        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68722256        68722494        .       -
        .       Parent=Smp_172070.1
SM_V9_1 Liftoff exon    68722533        68722704        .       -
        .       Parent=Smp_172070.1
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SM_V9_1 Liftoff CDS     68704365        68704474        .       -
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SM_V9_1 Liftoff CDS     68704845        68704948        .       -
        1       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68706520        68706601        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68708309        68708422        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68708546        68708774        .       -
        0       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68709768        68709976        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68710988        68711237        .       -
        0       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68715096        68715262        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68716560        68716713        .       -
        0       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68718155        68718372        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68718817        68719080        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68720656        68720790        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68720826        68720922        .       -
        0       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68722256        68722494        .       -
        2       Parent=Smp_172070.1
SM_V9_1 Liftoff CDS     68722533        68722581        .       -
        0       Parent=Smp_172070.1
SM_V9_1 iris    gene    68738271        68763322        .       +
        .
ID=Smp_172060;geneID=Smp_172060;gene_name=Smp_172060;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_1 iris    mRNA    68738271        68763322        .       +
        .
ID=Smp_172060.1;Parent=Smp_172060;geneID=Smp_172060;gene_name=Smp_17
2060;owner=irisadmin@local.host;orig_id=Smp_172060.1;date_last_modif
ied=2022-09-04;Name=Smp_172060.1;product=Exostosin-1b;date_creation=
2022-09-04
SM_V9_1 iris    exon    68738271        68738644        .       +
        .       Parent=Smp_172060.1;Name=65dedf44-8f6f-4192-b7a9-
b8d89d5e84f5
SM_V9_1 iris    exon    68739888        68740303        .       +
        .       Parent=Smp_172060.1;Name=83945f30-6df8-4039-
ac50-735572b384a6
SM_V9_1 iris    exon    68745392        68745629        .       +
        .
Parent=Smp_172060.1;Name=3355ee78-1657-4889-93f2-597bb4d25d60
SM_V9_1 iris    exon    68746458        68746762        .       +
        .
Parent=Smp_172060.1;Name=7deecf62-76a0-4c06-8ef9-7b5b0d74b23f
SM_V9_1 iris    exon    68748288        68748448        .       +
        .       Parent=Smp_172060.1;Name=3925419b-c3aa-4098-
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bfa9-01d6483c4d0c
SM_V9_1 iris    exon    68749731        68749805        .       +
        .
Parent=Smp_172060.1;Name=9fc20388-2569-4707-9476-550e8782d9f0
SM_V9_1 iris    exon    68751334        68751580        .       +
        .       Parent=Smp_172060.1;Name=018759d5-574c-462f-
a04f-0659821adb06
SM_V9_1 iris    exon    68753270        68753408        .       +
        .       Parent=Smp_172060.1;Name=dddab584-8832-484b-
a051-13feadfeb955
SM_V9_1 iris    exon    68754307        68754425        .       +
        .       Parent=Smp_172060.1;Name=725f78cc-945a-4531-896c-
bb0f3835650c
SM_V9_1 iris    exon    68756089        68756307        .       +
        .       Parent=Smp_172060.1;Name=5d46bbbc-cc2c-4835-8e1a-
b5e6800b7ff2
SM_V9_1 iris    exon    68759187        68759350        .       +
        .       Parent=Smp_172060.1;Name=16f12b8a-255f-42ce-95c6-
f4a2e65cce72
SM_V9_1 iris    exon    68761193        68761555        .       +
        .       Parent=Smp_172060.1;Name=accacf69-3b8f-4662-
a6a1-616077824b5f
SM_V9_1 iris    exon    68762419        68763322        .       +
        .       Parent=Smp_172060.1;Name=b9bdfb2e-c37c-43d4-b5bc-
f54b43a8f4eb
SM_V9_1 iris    CDS     68740016        68740303        .       +
        0       Parent=Smp_172060.1
SM_V9_1 iris    CDS     68745392        68745629        .       +
        0       Parent=Smp_172060.1
SM_V9_1 iris    CDS     68746458        68746762        .       +
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SM_V9_1 iris    CDS     68748288        68748448        .       +
        0       Parent=Smp_172060.1
SM_V9_1 iris    CDS     68749731        68749805        .       +
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SM_V9_1 iris    CDS     68751334        68751580        .       +
        1       Parent=Smp_172060.1
SM_V9_1 iris    CDS     68753270        68753408        .       +
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SM_V9_1 iris    CDS     68754307        68754425        .       +
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SM_V9_1 iris    CDS     68756089        68756307        .       +
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SM_V9_1 iris    CDS     68762419        68762437        .       +
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SM_V9_1 iris    gene    68762806        68778923        .       -
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@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_1 iris    mRNA    68762806        68778923        .       -
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ied=2022-09-04;Name=Smp_091390.1;product=Thyroid hormone receptor-
associated protein 3;date_creation=2022-09-04
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        .       Parent=Smp_091390.1;Name=183aeb4d-95cd-4ae6-
aa14-1e2c40ea90cd
SM_V9_1 iris    exon    68764182        68764257        .       -
        .       Parent=Smp_091390.1;Name=8718b33b-1fab-4836-901e-
cb4208edc3d3
SM_V9_1 iris    exon    68765745        68765794        .       -
        .       Parent=Smp_091390.1;Name=99824ca7-2eb6-418d-
b0c9-3108b7adf835
SM_V9_1 iris    exon    68767479        68767597        .       -
        .       Parent=Smp_091390.1;Name=51b72c23-93b3-422e-b8fa-
a963de2f61b7
SM_V9_1 iris    exon    68768184        68768263        .       -
        .
Parent=Smp_091390.1;Name=f987be45-8037-4d9d-9e18-5ed46932106c
SM_V9_1 iris    exon    68770158        68770270        .       -
        .
Parent=Smp_091390.1;Name=c8390844-1885-4fbf-857c-66177d3c551b
SM_V9_1 iris    exon    68772292        68772597        .       -
        .       Parent=Smp_091390.1;Name=6fed2be7-8a12-471a-a488-
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SM_V9_1 iris    exon    68772643        68772713        .       -
        .       Parent=Smp_091390.1;Name=8dbff720-45d3-4c50-
abb2-4f83f0dfe4e8
SM_V9_1 iris    exon    68773631        68773672        .       -
        .
Parent=Smp_091390.1;Name=5f0a0251-298d-406a-92dc-97f8413ee134
SM_V9_1 iris    exon    68778809        68778923        .       -
        .       Parent=Smp_091390.1;Name=2a5a0d12-f0d3-4ee2-
af77-4882cda9d423
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SM_V9_1 iris    CDS     68764182        68764257        .       -
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        2       Parent=Smp_091390.1
SM_V9_1 iris    CDS     68767479        68767597        .       -
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SM_V9_1 iris    CDS     68768184        68768263        .       -
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SM_V9_1 iris    CDS     68770158        68770270        .       -
        2       Parent=Smp_091390.1
SM_V9_1 iris    CDS     68772292        68772597        .       -
        2       Parent=Smp_091390.1
SM_V9_1 iris    CDS     68772643        68772713        .       -
        1       Parent=Smp_091390.1
SM_V9_1 iris    CDS     68773631        68773672        .       -
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SM_V9_1 iris    CDS     68778809        68778894        .       -
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        .
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ical protein
SM_V9_1 Liftoff exon    68785763        68786522        .       -
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SM_V9_1 Liftoff exon    68787271        68787470        .       -
        .       Parent=Smp_091380.1
SM_V9_1 Liftoff exon    68787508        68787548        .       -
        .       Parent=Smp_091380.1
SM_V9_1 Liftoff exon    68787586        68787967        .       -
        .       Parent=Smp_091380.1
SM_V9_1 Liftoff CDS     68785977        68786522        .       -
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SM_V9_1 Liftoff CDS     68787271        68787470        .       -
        2       Parent=Smp_091380.1
SM_V9_1 Liftoff CDS     68787508        68787548        .       -
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SM_V9_1 Liftoff CDS     68787586        68787842        .       -
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        .       ID=Smp_172050;geneID=Smp_172050
SM_V9_1 Liftoff mRNA    68799641        68830704        .       +
        .
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Y;polypeptide_domain=InterPro:IPR006671,IPR012399,IPR013763
Pfam:PF00134;Ontology_term=GO:0000079,GO:0019901
SM_V9_1 Liftoff exon    68799641        68802004        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff exon    68808544        68808621        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff exon    68813908        68813942        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff exon    68815190        68815405        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff exon    68818822        68818941        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff exon    68820602        68820768        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff exon    68828075        68828228        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff exon    68829278        68830704        .       +
        .       Parent=Smp_172050.1
SM_V9_1 Liftoff CDS     68801590        68802004        .       +
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SM_V9_1 Liftoff CDS     68808544        68808621        .       +
        2       Parent=Smp_172050.1
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        0       Parent=Smp_172050.1
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SM_V9_1 Liftoff CDS     68828075        68828228        .       +
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        .       ID=Smp_091360;geneID=Smp_091360
SM_V9_1 Liftoff mRNA    68831813        68837567        .       -
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ID=Smp_091360.1;Parent=Smp_091360;geneID=Smp_091360;product=Partner
of Y14 and mago;polypeptide_domain=InterPro:IPR015362 Pfam:PF09282
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SM_V9_1 Liftoff exon    68833661        68833857        .       -
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        .       Parent=Smp_091360.1
SM_V9_1 Liftoff exon    68834874        68837567        .       -
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SM_V9_1 Liftoff CDS     68832477        68832769        .       -
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SM_V9_1 Liftoff CDS     68833661        68833857        .       -
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SM_V9_1 Liftoff CDS     68834736        68834832        .       -
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SM_V9_1 Liftoff CDS     68834874        68834916        .       -
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        .       ID=Smp_172040;geneID=Smp_172040
SM_V9_1 Liftoff mRNA    68841411        68981811        .       +
        .
ID=Smp_172040.1;Parent=Smp_172040;geneID=Smp_172040;product=Protein
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B;polypeptide_domain=InterPro:IPR000008,IPR002219,IPR010439,IPR01477
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68850262        68850379        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68855879        68856002        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68857979        68858302        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68859769        68860180        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68861513        68861572        .       +
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SM_V9_1 Liftoff exon    68869142        68869381        .       +
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68877452        68877544        .       +
        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68883087        68883571        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68885080        68885246        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68886337        68888320        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68892819        68892942        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68894965        68895373        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68896422        68896447        .       +
        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68918523        68918650        .       +
        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68933735        68933809        .       +
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68940823        68940973        .       +
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68947001        68947090        .       +
        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68952323        68952447        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68953998        68954108        .       +
        .       Parent=Smp_172040.1
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        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68965500        68965571        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68966636        68966746        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68967373        68967607        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68969679        68969774        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68977288        68977447        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff exon    68979910        68981811        .       +
        .       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68841461        68841482        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68845236        68845365        .       +
        2       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68850262        68850379        .       +
        1       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68855879        68856002        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68857979        68858302        .       +
        2       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68859769        68860180        .       +
        2       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68861513        68861572        .       +
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SM_V9_1 Liftoff CDS     68869142        68869381        .       +
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        0       Parent=Smp_172040.1
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SM_V9_1 Liftoff CDS     68896422        68896447        .       +
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        2       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68933735        68933809        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68935159        68935256        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68940823        68940973        .       +
        1       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68944906        68944974        .       +
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SM_V9_1 Liftoff CDS     68947001        68947090        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68950904        68951029        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68952323        68952447        .       +
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SM_V9_1 Liftoff CDS     68953998        68954108        .       +
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SM_V9_1 Liftoff CDS     68957999        68958239        .       +
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SM_V9_1 Liftoff CDS     68960408        68960707        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68962515        68962649        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68965500        68965571        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68966636        68966746        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68967373        68967607        .       +
        0       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68969679        68969774        .       +
        2       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68977288        68977447        .       +
        2       Parent=Smp_172040.1
SM_V9_1 Liftoff CDS     68979910        68980318        .       +
        1       Parent=Smp_172040.1
SM_V9_1 Liftoff gene    68985125        68996697        .       -
        .       ID=Smp_072180;geneID=Smp_072180
SM_V9_1 Liftoff mRNA    68985125        68996697        .       -
        .
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SM_V9_1 Liftoff exon    68988919        68996697        .       -
        .       Parent=Smp_072180.1
SM_V9_1 Liftoff CDS     68986210        68986362        .       -
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SM_V9_1 Liftoff CDS     68988919        68989398        .       -
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SM_V9_1 iris    gene    69005481        69016075        .       +
        .
ID=Smp_161330;geneID=Smp_161330;gene_name=Smp_161330;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    69005481        69016075        .       +
        .
ID=Smp_161330.1;Parent=Smp_161330;geneID=Smp_161330;gene_name=Smp_16
1330;owner=irisadmin@local.host;orig_id=Smp_161330.1;date_last_modif
ied=2022-08-01;Name=Smp_161330.1;product=PIH1 domain-containing
protein 2;date_creation=2022-07-29
SM_V9_1 iris    exon    69005481        69005727        .       +
        .       Parent=Smp_161330.1;Name=4c205db5-95e7-4c5d-
b31b-2b6d4e3b45d5
SM_V9_1 iris    exon    69008130        69008306        .       +
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SM_V9_1 iris    exon    69009713        69009827        .       +
        .       Parent=Smp_161330.1;Name=1143427c-
c6d3-4ed5-9843-7ff8caa2c88f
SM_V9_1 iris    exon    69011195        69011919        .       +
        .       Parent=Smp_161330.1;Name=9be46e57-29cf-406d-8135-
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SM_V9_1 iris    exon    69015831        69016075        .       +
        .       Parent=Smp_161330.1;Name=4be84f0b-7dfd-4ea1-
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SM_V9_1 iris    CDS     69008136        69008306        .       +
        0       Parent=Smp_161330.1
SM_V9_1 iris    CDS     69009713        69009827        .       +
        0       Parent=Smp_161330.1
SM_V9_1 iris    CDS     69011195        69011919        .       +
        2       Parent=Smp_161330.1
SM_V9_1 iris    CDS     69015831        69015986        .       +
        0       Parent=Smp_161330.1
SM_V9_1 Liftoff gene    69043965        69051307        .       -
        .
ID=Smp_334900;geneID=Smp_334900;previous_systematic_id=Smp_161340
SM_V9_1 Liftoff mRNA    69043965        69051307        .       -
        .
ID=Smp_334900.1;Parent=Smp_334900;geneID=Smp_334900;product=Dual
specificity protein kinase CLK1
SM_V9_1 Liftoff exon    69043965        69044345        .       -
        .       Parent=Smp_334900.1
SM_V9_1 Liftoff exon    69046104        69046186        .       -
        .       Parent=Smp_334900.1
```

```
SM_V9_1 Liftoff exon    69047141        69051307        .       -
        .       Parent=Smp_334900.1
SM_V9_1 Liftoff CDS     69044163        69044345        .       -
        0       Parent=Smp_334900.1
SM_V9_1 Liftoff CDS     69046104        69046186        .       -
        2       Parent=Smp_334900.1
SM_V9_1 Liftoff CDS     69047141        69047153        .       -
        0       Parent=Smp_334900.1
SM_V9_1 iris    gene    69056614        69061765        .       -
        .
ID=Smp_072190;geneID=Smp_072190;gene_name=Smp_072190;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    69056614        69061765        .       -
        .
ID=Smp_072190.1;Parent=Smp_072190;geneID=Smp_072190;gene_name=Smp_07
2190;owner=irisadmin@local.host;orig_id=Smp_072190.1;date_last_modif
ied=2022-08-01;Name=Smp_072190.1;product=Long neurotoxin
1;date_creation=2022-07-29
SM_V9_1 iris    exon    69056614        69056997        .       -
        .       Parent=Smp_072190.1;Name=09c02ba5-f8d7-4bd7-
a1bc-632eeb3df3b3
SM_V9_1 iris    exon    69057888        69057967        .       -
        .       Parent=Smp_072190.1;Name=13d07809-3e1d-48a3-aec6-
f41093370477
SM_V9_1 iris    exon    69058511        69058531        .       -
        .       Parent=Smp_072190.1;Name=200d23e9-c80b-4377-
b9cd-98100958d7a5
SM_V9_1 iris    exon    69058927        69059059        .       -
        .       Parent=Smp_072190.1;Name=8567db43-7f60-47b8-bb87-
f7fedad5849f
SM_V9_1 iris    exon    69059528        69059622        .       -
        .       Parent=Smp_072190.1;Name=d7650845-693d-4d4f-bc79-
da84a3308a5a
SM_V9_1 iris    exon    69061614        69061765        .       -
        .       Parent=Smp_072190.1;Name=dae48d32-937e-48f7-87c8-
e1484b65761a
SM_V9_1 iris    CDS     69056815        69056997        .       -
        0       Parent=Smp_072190.1
SM_V9_1 iris    CDS     69057888        69057967        .       -
        2       Parent=Smp_072190.1
SM_V9_1 iris    CDS     69058511        69058531        .       -
        2       Parent=Smp_072190.1
SM_V9_1 iris    CDS     69058927        69059059        .       -
        0       Parent=Smp_072190.1
SM_V9_1 iris    CDS     69059528        69059622        .       -
        2       Parent=Smp_072190.1
SM_V9_1 iris    CDS     69061614        69061677        .       -
        0       Parent=Smp_072190.1
SM_V9_1 Liftoff gene    69089096        69096997        .       -
        .       ID=Smp_319910;geneID=Smp_319910
SM_V9_1 Liftoff mRNA    69089096        69096997        .       -
        .
ID=Smp_319910.1;Parent=Smp_319910;geneID=Smp_319910;product=Weak
neurotoxin OH-72 (Fragment)
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SM_V9_1 Liftoff exon    69089096        69089527        .       -
        .       Parent=Smp_319910.1
SM_V9_1 Liftoff exon    69094053        69094138        .       -
        .       Parent=Smp_319910.1
SM_V9_1 Liftoff exon    69096727        69096997        .       -
        .       Parent=Smp_319910.1
SM_V9_1 Liftoff CDS     69089333        69089527        .       -
        0       Parent=Smp_319910.1
SM_V9_1 Liftoff CDS     69094053        69094138        .       -
        2       Parent=Smp_319910.1
SM_V9_1 Liftoff CDS     69096727        69096796        .       -
        0       Parent=Smp_319910.1
SM_V9_1 iris    gene    69104237        69119608        .       -
        .
ID=Smp_161350;geneID=Smp_161350;gene_name=Smp_161350;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_1 iris    mRNA    69104237        69119608        .       -
        .
ID=Smp_161350.1;Parent=Smp_161350;geneID=Smp_161350;gene_name=Smp_16
1350;owner=irisadmin@local.host;orig_id=Smp_161350.1;date_last_modif
ied=2022-09-04;Name=Smp_161350.1;product=Succinate-semialdehyde
dehydrogenase, mitochondrial;date_creation=2022-09-04
SM_V9_1 iris    exon    69104237        69105293        .       -
        .       Parent=Smp_161350.1;Name=4c6d07dd-0210-4ab2-
a550-292165d24fcf
SM_V9_1 iris    exon    69106876        69107075        .       -
        .       Parent=Smp_161350.1;Name=64fa4c90-080b-411a-
a420-713cb75ba646
SM_V9_1 iris    exon    69108606        69108761        .       -
        .       Parent=Smp_161350.1;Name=ae903e6b-
bcff-46ad-9db8-4006d2268099
SM_V9_1 iris    exon    69109967        69110110        .       -
        .       Parent=Smp_161350.1;Name=b9bbf825-a5b2-4e07-b625-
d2b90b8403a1
SM_V9_1 iris    exon    69112799        69113068        .       -
        .       Parent=Smp_161350.1;Name=7f46369e-bf1f-4685-a440-
da44a61605af
SM_V9_1 iris    exon    69114482        69114655        .       -
        .
Parent=Smp_161350.1;Name=c32b2786-8599-486e-8dc6-642678dbbc47
SM_V9_1 iris    exon    69115356        69115561        .       -
        .       Parent=Smp_161350.1;Name=2ca10ce3-9f8a-4ac8-99b7-
a8a41e1f1e80
SM_V9_1 iris    exon    69116888        69117059        .       -
        .       Parent=Smp_161350.1;Name=43028c62-acbc-4f2c-a0a5-
fca963fde802
SM_V9_1 iris    exon    69119484        69119608        .       -
        .       Parent=Smp_161350.1;Name=8e6e79da-9d28-41b1-9f72-
e6fd9588f251
SM_V9_1 iris    CDS     69105023        69105293        .       -
        1       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69106876        69107075        .       -
        0       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69108606        69108761        .       -
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        0       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69109967        69110110        .       -
        0       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69112799        69113068        .       -
        0       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69114482        69114655        .       -
        0       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69115356        69115561        .       -
        2       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69116888        69117059        .       -
        0       Parent=Smp_161350.1
SM_V9_1 iris    CDS     69119484        69119510        .       -
        0       Parent=Smp_161350.1
SM_V9_1 iris    gene    69170192        69179927        .       -
        .
ID=Smp_072210;geneID=Smp_072210;gene_name=Smp_072210;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_1 iris    mRNA    69170192        69179927        .       -
        .
ID=Smp_072210.1;Parent=Smp_072210;geneID=Smp_072210;gene_name=Smp_07
2210;owner=irisadmin@local.host;orig_id=Smp_072210.1;date_last_modif
ied=2022-09-04;Name=Smp_072210.1;product=Zinc finger protein
395;date_creation=2022-09-04
SM_V9_1 iris    exon    69170192        69171709        .       -
        .       Parent=Smp_072210.1;Name=9c31d326-7b90-46d5-828c-
c6f5e5532c16
SM_V9_1 iris    exon    69173378        69173878        .       -
        .       Parent=Smp_072210.1;Name=9a7ced27-e471-405e-8872-
d72f7dbffd1c
SM_V9_1 iris    exon    69175285        69175838        .       -
        .
Parent=Smp_072210.1;Name=bbe56140-4ae0-4de4-9a41-32a2737d45ad
SM_V9_1 iris    exon    69176645        69177159        .       -
        .       Parent=Smp_072210.1;Name=967db820-8415-4a6e-
a0de-0ea1513a533c
SM_V9_1 iris    exon    69179283        69179927        .       -
        .
Parent=Smp_072210.1;Name=08854635-2587-4f93-984b-09c0e7a10de1
SM_V9_1 iris    CDS     69171035        69171709        .       -
        0       Parent=Smp_072210.1
SM_V9_1 iris    CDS     69173378        69173878        .       -
        0       Parent=Smp_072210.1
SM_V9_1 iris    CDS     69175285        69175838        .       -
        2       Parent=Smp_072210.1
SM_V9_1 iris    CDS     69176645        69177159        .       -
        1       Parent=Smp_072210.1
SM_V9_1 iris    CDS     69179283        69179542        .       -
        0       Parent=Smp_072210.1
SM_V9_1 Liftoff gene    69194029        69208275        .       +
        .       ID=Smp_161360;geneID=Smp_161360
SM_V9_1 Liftoff mRNA    69194029        69208275        .       +
        .
ID=Smp_161360.1;Parent=Smp_161360;geneID=Smp_161360;product=Syndecan
;polypeptide_domain=InterPro:IPR000716,IPR003585,IPR027789
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Pfam:PF01034
SM_V9_1 Liftoff exon    69194029        69194193        .       +
        .       Parent=Smp_161360.1
SM_V9_1 Liftoff exon    69195191        69195499        .       +
        .       Parent=Smp_161360.1
SM_V9_1 Liftoff exon    69197133        69197549        .       +
        .       Parent=Smp_161360.1
SM_V9_1 Liftoff exon    69200307        69200359        .       +
        .       Parent=Smp_161360.1
SM_V9_1 Liftoff exon    69201049        69201151        .       +
        .       Parent=Smp_161360.1
SM_V9_1 Liftoff exon    69202412        69202651        .       +
        .       Parent=Smp_161360.1
SM_V9_1 Liftoff exon    69206954        69208275        .       +
        .       Parent=Smp_161360.1
SM_V9_1 Liftoff CDS     69194055        69194193        .       +
        0       Parent=Smp_161360.1
SM_V9_1 Liftoff CDS     69195191        69195499        .       +
        2       Parent=Smp_161360.1
SM_V9_1 Liftoff CDS     69197133        69197549        .       +
        2       Parent=Smp_161360.1
SM_V9_1 Liftoff CDS     69200307        69200359        .       +
        2       Parent=Smp_161360.1
SM_V9_1 Liftoff CDS     69201049        69201151        .       +
        0       Parent=Smp_161360.1
SM_V9_1 Liftoff CDS     69202412        69202651        .       +
        2       Parent=Smp_161360.1
SM_V9_1 Liftoff CDS     69206954        69207123        .       +
        2       Parent=Smp_161360.1
SM_V9_1 iris    gene    69267644        69319388        .       +
        .
ID=Smp_161370;geneID=Smp_161370;gene_name=Smp_161370;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    69267644        69319388        .       +
        .
ID=Smp_161370.1;Parent=Smp_161370;geneID=Smp_161370;gene_name=Smp_16
1370;owner=irisadmin@local.host;orig_id=Smp_161370.1;date_last_modif
ied=2022-07-18;Name=Smp_161370.1;product=Deoxynucleotidyltransferase
terminal-interacting protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    69267644        69267754        .       +
        .       Parent=Smp_161370.1;Name=44be5f3b-01eb-4af0-8965-
cfeed069caab
SM_V9_1 iris    exon    69269656        69269870        .       +
        .
Parent=Smp_161370.1;Name=05e2c209-4aac-42af-8dcd-5464e8fa7761
SM_V9_1 iris    exon    69274192        69275312        .       +
        .       Parent=Smp_161370.1;Name=205ff3ca-
e4b5-4417-9e3c-8ba696fa2fdc
SM_V9_1 iris    exon    69281758        69281855        .       +
        .       Parent=Smp_161370.1;Name=14920c1f-aa3d-46c1-80de-
e487c9458f6e
SM_V9_1 iris    exon    69286680        69286788        .       +
        .       Parent=Smp_161370.1;Name=305bc301-1e98-4fb4-
a78b-04987adb127b
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SM_V9_1 iris    exon    69291327        69291428        .       +
        .
Parent=Smp_161370.1;Name=f131f562-1c1f-4366-8e76-1c5497b7ea77
SM_V9_1 iris    exon    69309262        69310224        .       +
        .
Parent=Smp_161370.1;Name=0b2ebeec-28b5-43c9-8672-39097dd41886
SM_V9_1 iris    exon    69310985        69311025        .       +
        .       Parent=Smp_161370.1;Name=b1b98a66-c685-4382-9d9b-
b57c0bc9e385
SM_V9_1 iris    exon    69312434        69312679        .       +
        .       Parent=Smp_161370.1;Name=14ab3c9e-d3ca-4c58-9d96-
ee76258cb396
SM_V9_1 iris    exon    69313376        69313628        .       +
        .
Parent=Smp_161370.1;Name=9e17bb3f-4de0-4f3a-98ae-2667adf86af4
SM_V9_1 iris    exon    69315390        69315683        .       +
        .       Parent=Smp_161370.1;Name=89d403e5-054f-4cc3-
bb0c-2fa002fcf771
SM_V9_1 iris    exon    69317678        69319388        .       +
        .       Parent=Smp_161370.1;Name=7267274d-
eef6-4931-802e-4cbb980d3c8b
SM_V9_1 iris    CDS     69269723        69269870        .       +
        0       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69274192        69275312        .       +
        2       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69281758        69281855        .       +
        0       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69286680        69286788        .       +
        1       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69291327        69291428        .       +
        0       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69309262        69310224        .       +
        0       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69310985        69311025        .       +
        0       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69312434        69312679        .       +
        1       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69313376        69313628        .       +
        1       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69315390        69315683        .       +
        0       Parent=Smp_161370.1
SM_V9_1 iris    CDS     69317678        69318013        .       +
        0       Parent=Smp_161370.1
SM_V9_1 Liftoff gene    69342660        69353559        .       -
        .
ID=Smp_210430;geneID=Smp_210430;previous_systematic_id=Smp_072290
SM_V9_1 Liftoff mRNA    69342660        69353559        .       -
        .
ID=Smp_210430.1;Parent=Smp_210430;geneID=Smp_210430;product=Ras-
related protein
Rab-1A;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    69342660        69343442        .       -
        .       Parent=Smp_210430.1
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SM_V9_1 Liftoff exon    69344910        69345041        .       -
        .       Parent=Smp_210430.1
SM_V9_1 Liftoff exon    69353081        69353224        .       -
        .       Parent=Smp_210430.1
SM_V9_1 Liftoff exon    69353255        69353302        .       -
        .       Parent=Smp_210430.1
SM_V9_1 Liftoff exon    69353343        69353415        .       -
        .       Parent=Smp_210430.1
SM_V9_1 Liftoff exon    69353489        69353559        .       -
        .       Parent=Smp_210430.1
SM_V9_1 Liftoff CDS     69343254        69343442        .       -
        0       Parent=Smp_210430.1
SM_V9_1 Liftoff CDS     69344910        69345041        .       -
        0       Parent=Smp_210430.1
SM_V9_1 Liftoff CDS     69353081        69353224        .       -
        0       Parent=Smp_210430.1
SM_V9_1 Liftoff CDS     69353255        69353302        .       -
        0       Parent=Smp_210430.1
SM_V9_1 Liftoff CDS     69353343        69353415        .       -
        1       Parent=Smp_210430.1
SM_V9_1 Liftoff CDS     69353489        69353502        .       -
        0       Parent=Smp_210430.1
SM_V9_1 Liftoff gene    69361521        69365425        .       -
        .
ID=Smp_210420;geneID=Smp_210420;previous_systematic_id=Smp_072290
SM_V9_1 Liftoff mRNA    69361521        69365425        .       -
        .
ID=Smp_210420.1;Parent=Smp_210420;geneID=Smp_210420;product=Traffick
ing protein particle complex subunit
6B;polypeptide_domain=InterPro:IPR007194,IPR024096 Pfam:PF04051
SM_V9_1 Liftoff exon    69361521        69363369        .       -
        .       Parent=Smp_210420.1
SM_V9_1 Liftoff exon    69363407        69363500        .       -
        .       Parent=Smp_210420.1
SM_V9_1 Liftoff exon    69363534        69363617        .       -
        .       Parent=Smp_210420.1
SM_V9_1 Liftoff exon    69363651        69363768        .       -
        .       Parent=Smp_210420.1
SM_V9_1 Liftoff exon    69363805        69363866        .       -
        .       Parent=Smp_210420.1
SM_V9_1 Liftoff exon    69363919        69365425        .       -
        .       Parent=Smp_210420.1
SM_V9_1 Liftoff CDS     69363326        69363369        .       -
        2       Parent=Smp_210420.1
SM_V9_1 Liftoff CDS     69363407        69363500        .       -
        0       Parent=Smp_210420.1
SM_V9_1 Liftoff CDS     69363534        69363617        .       -
        0       Parent=Smp_210420.1
SM_V9_1 Liftoff CDS     69363651        69363768        .       -
        1       Parent=Smp_210420.1
SM_V9_1 Liftoff CDS     69363805        69363866        .       -
        0       Parent=Smp_210420.1
SM_V9_1 Liftoff CDS     69363919        69364005        .       -
        0       Parent=Smp_210420.1
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SM_V9_1 iris    gene    69371205        69427690        .       -
        .
ID=Smp_161380;geneID=Smp_161380;gene_name=Smp_161380;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    69371205        69427690        .       -
        .
ID=Smp_161380.1;Parent=Smp_161380;geneID=Smp_161380;gene_name=Smp_16
1380;owner=irisadmin@local.host;orig_id=Smp_161380.2;date_last_modif
ied=2022-07-18;Name=Smp_161380.1;product=DNA polymerase subunit
gamma-1 (Fragment);date_creation=2022-07-18
SM_V9_1 iris    exon    69371205        69371540        .       -
        .
Parent=Smp_161380.1;Name=0c1ba74b-9ea8-4430-90ab-3b7ab8190ef4
SM_V9_1 iris    exon    69375273        69375335        .       -
        .       Parent=Smp_161380.1;Name=d07911aa-
d038-407c-8626-3330537633eb
SM_V9_1 iris    exon    69376410        69376598        .       -
        .       Parent=Smp_161380.1;Name=d8101390-aac6-40fe-b54f-
c91c184bcc4d
SM_V9_1 iris    exon    69377885        69378124        .       -
        .       Parent=Smp_161380.1;Name=8c39a602-
f684-417c-8180-31ac657ac456
SM_V9_1 iris    exon    69378750        69378934        .       -
        .       Parent=Smp_161380.1;Name=24abaa10-1026-461d-
b0a8-3db719bdb5ad
SM_V9_1 iris    exon    69381791        69382041        .       -
        .       Parent=Smp_161380.1;Name=77527302-
d3d1-4070-98ef-6245517c9e4e
SM_V9_1 iris    exon    69382353        69382406        .       -
        .       Parent=Smp_161380.1;Name=8acb0a33-c7e7-4b8f-898e-
a60839cec45e
SM_V9_1 iris    exon    69385697        69385911        .       -
        .       Parent=Smp_161380.1;Name=663905bc-f2ca-40b3-
bcfb-2c8120feb803
SM_V9_1 iris    exon    69387388        69387540        .       -
        .       Parent=Smp_161380.1;Name=e2619cdf-6ce1-4ed1-
a1c9-5129c70651b6
SM_V9_1 iris    exon    69392842        69392883        .       -
        .       Parent=Smp_161380.1;Name=28caa405-6f90-43b2-ac3c-
e454b7bd6e9f
SM_V9_1 iris    exon    69394293        69394593        .       -
        .
Parent=Smp_161380.1;Name=a73889e0-0604-4ab5-8239-41b8547081f2
SM_V9_1 iris    exon    69395425        69395660        .       -
        .       Parent=Smp_161380.1;Name=36da6bcc-d71b-479b-a832-
d63c9e4f2df3
SM_V9_1 iris    exon    69397160        69397295        .       -
        .       Parent=Smp_161380.1;Name=07dffc38-bb2b-4869-9bd0-
cb0865fa5063
SM_V9_1 iris    exon    69398181        69398218        .       -
        .       Parent=Smp_161380.1;Name=a46457e7-
b118-4b8e-90c6-0f296b15e000
SM_V9_1 iris    exon    69400514        69400571        .       -
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Parent=Smp_161380.1;Name=ccf39458-5a14-4ffe-972c-5c9c451c7da1
SM_V9_1 iris    exon    69405476        69405661        .       -
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        .       Parent=Smp_161380.1;Name=f6c17dd6-02f1-4861-
baed-009faa4a7ac4
SM_V9_1 iris    exon    69423717        69423908        .       -
        .       Parent=Smp_161380.1;Name=fbaa6323-2a5c-4f6b-
a71c-0ccf8f6fa4fb
SM_V9_1 iris    exon    69423945        69424122        .       -
        .
Parent=Smp_161380.1;Name=8ec462ad-6044-43ec-8940-5098eb76a178
SM_V9_1 iris    exon    69424156        69424281        .       -
        .       Parent=Smp_161380.1;Name=c011b04c-4929-4e18-
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SM_V9_1 iris    exon    69424321        69427690        .       -
        .       Parent=Smp_161380.1;Name=fc9ca9dd-c56b-4f57-b42e-
e31bb71fecb7
SM_V9_1 iris    CDS     69371364        69371540        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69375273        69375335        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69376410        69376598        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69377885        69378124        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69378750        69378934        .       -
        2       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69381791        69382041        .       -
        1       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69382353        69382406        .       -
        1       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69385697        69385911        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69387388        69387540        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69392842        69392883        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69394293        69394593        .       -
        1       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69395425        69395660        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69397160        69397295        .       -
        1       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69398181        69398218        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69400514        69400571        .       -
        1       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69405476        69405661        .       -
        1       Parent=Smp_161380.1
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SM_V9_1 iris    CDS     69407025        69407104        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69414255        69414398        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69423717        69423908        .       -
        0       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69423945        69424122        .       -
        1       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69424156        69424281        .       -
        1       Parent=Smp_161380.1
SM_V9_1 iris    CDS     69424321        69424733        .       -
        0       Parent=Smp_161380.1
SM_V9_1 Liftoff gene    69429409        69438485        .       +
        .       ID=Smp_072320;geneID=Smp_072320
SM_V9_1 Liftoff mRNA    69429409        69438485        .       +
        .
ID=Smp_072320.1;Parent=Smp_072320;geneID=Smp_072320;product=Heat
shock 70 kDa protein homolog;polypeptide_domain=InterPro:IPR013126
Pfam:PF00012
SM_V9_1 Liftoff exon    69429409        69438485        .       +
        .       Parent=Smp_072320.1
SM_V9_1 Liftoff CDS     69429601        69429828        .       +
        0       Parent=Smp_072320.1
SM_V9_1 iris    gene    69445194        69447546        .       -
        .
ID=Smp_072330;geneID=Smp_072330;gene_name=Smp_072330;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    69445194        69447546        .       -
        .
ID=Smp_072330.1;Parent=Smp_072330;geneID=Smp_072330;gene_name=Smp_07
2330;owner=irisadmin@local.host;orig_id=Smp_072330.1;date_last_modif
ied=2022-07-18;Name=Smp_072330.1;product=Heat shock protein
83;date_creation=2022-07-18
SM_V9_1 iris    exon    69445194        69447546        .       -
        .       Parent=Smp_072330.1;Name=984bc831-8a71-44fd-90b6-
fe3441f96bc4
SM_V9_1 iris    CDS     69445283        69447439        .       -
        0       Parent=Smp_072330.1
SM_V9_1 iris    gene    69482612        69492365        .       -
        .
ID=Smp_072340;geneID=Smp_072340;gene_name=Smp_072340;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    69482612        69492365        .       -
        .
ID=Smp_072340.1;Parent=Smp_072340;geneID=Smp_072340;gene_name=Smp_07
2340;owner=irisadmin@local.host;orig_id=Smp_072340.1;date_last_modif
ied=2022-08-12;Name=Smp_072340.1;product=26S proteasome subunit
RPT3;date_creation=2022-08-12
SM_V9_1 iris    exon    69482612        69482834        .       -
        .       Parent=Smp_072340.1;Name=fdb47cf7-5ca2-4dad-
a66f-4c3016127d47
SM_V9_1 iris    exon    69483035        69483259        .       -
        .       Parent=Smp_072340.1;Name=23542b8e-6847-4cb4-992c-
c167636fcdbf
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SM_V9_1 iris    exon    69484536        69484612        .       -
        .
Parent=Smp_072340.1;Name=ccd02150-58dd-4fba-8b8c-9541e264bfc7
SM_V9_1 iris    exon    69489464        69489835        .       -
        .
Parent=Smp_072340.1;Name=67fb41bd-91f5-42c4-9bc8-30d3e965b8bb
SM_V9_1 iris    exon    69491754        69491900        .       -
        .       Parent=Smp_072340.1;Name=7d162cac-2baa-4fab-
b0fb-7535ae60ae0a
SM_V9_1 iris    exon    69491939        69492125        .       -
        .
Parent=Smp_072340.1;Name=18259293-1899-407c-9b33-6e8c5dae2590
SM_V9_1 iris    exon    69492163        69492252        .       -
        .       Parent=Smp_072340.1;Name=cbe3d0d9-149e-4fe7-9f41-
d1c232ce4ffb
SM_V9_1 iris    exon    69492286        69492365        .       -
        .       Parent=Smp_072340.1;Name=648636a5-791b-423b-
a009-19407598a2d5
SM_V9_1 iris    CDS     69482721        69482834        .       -
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SM_V9_1 iris    CDS     69483035        69483259        .       -
        0       Parent=Smp_072340.1
SM_V9_1 iris    CDS     69484536        69484612        .       -
        2       Parent=Smp_072340.1
SM_V9_1 iris    CDS     69489464        69489835        .       -
        2       Parent=Smp_072340.1
SM_V9_1 iris    CDS     69491754        69491900        .       -
        2       Parent=Smp_072340.1
SM_V9_1 iris    CDS     69491939        69492125        .       -
        0       Parent=Smp_072340.1
SM_V9_1 iris    CDS     69492163        69492252        .       -
        0       Parent=Smp_072340.1
SM_V9_1 iris    CDS     69492286        69492321        .       -
        0       Parent=Smp_072340.1
SM_V9_1 Liftoff gene    69514239        69540405        .       +
        .       ID=Smp_072350;geneID=Smp_072350
SM_V9_1 Liftoff mRNA    69514239        69540405        .       +
        .
ID=Smp_072350.1;Parent=Smp_072350;geneID=Smp_072350;product=Serine/
threonine-protein phosphatase 4 regulatory subunit
3;polypeptide_domain=InterPro:IPR006887,IPR011989,IPR011993,IPR01602
4 Pfam:PF04802;Ontology_term=GO:0005488
SM_V9_1 Liftoff exon    69514239        69523778        .       +
        .       Parent=Smp_072350.1
SM_V9_1 Liftoff exon    69523821        69523897        .       +
        .       Parent=Smp_072350.1
SM_V9_1 Liftoff exon    69527723        69527825        .       +
        .       Parent=Smp_072350.1
SM_V9_1 Liftoff exon    69527873        69528031        .       +
        .       Parent=Smp_072350.1
SM_V9_1 Liftoff exon    69528076        69528412        .       +
        .       Parent=Smp_072350.1
SM_V9_1 Liftoff exon    69536193        69537159        .       +
        .       Parent=Smp_072350.1
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SM_V9_1 Liftoff exon    69539601        69540405        .       +
        .       Parent=Smp_072350.1
SM_V9_1 Liftoff CDS     69522476        69523778        .       +
        0       Parent=Smp_072350.1
SM_V9_1 Liftoff CDS     69523821        69523897        .       +
        2       Parent=Smp_072350.1
SM_V9_1 Liftoff CDS     69527723        69527825        .       +
        0       Parent=Smp_072350.1
SM_V9_1 Liftoff CDS     69527873        69528031        .       +
        2       Parent=Smp_072350.1
SM_V9_1 Liftoff CDS     69528076        69528412        .       +
        2       Parent=Smp_072350.1
SM_V9_1 Liftoff CDS     69536193        69537159        .       +
        1       Parent=Smp_072350.1
SM_V9_1 Liftoff CDS     69539601        69539798        .       +
        0       Parent=Smp_072350.1
SM_V9_1 iris    gene    69543370        69560235        .       -
        .
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SM_V9_1 iris    mRNA    69543370        69560235        .       -
        .
ID=Smp_072360.1;Parent=Smp_072360;geneID=Smp_072360;gene_name=Smp_07
2360;owner=irisadmin@local.host;orig_id=Smp_072360.1;date_last_modif
ied=2022-07-18;Name=Smp_072360.1;product=A-kinase anchor protein
17A;date_creation=2022-07-18
SM_V9_1 iris    exon    69543370        69543713        .       -
        .       Parent=Smp_072360.1;Name=e70990d9-9940-43e3-
bc6e-925e70a4c3a2
SM_V9_1 iris    exon    69548407        69548733        .       -
        .       Parent=Smp_072360.1;Name=fc0691e2-c024-4bd7-
bbaa-61092584d013
SM_V9_1 iris    exon    69551447        69551581        .       -
        .       Parent=Smp_072360.1;Name=c521aeaf-
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SM_V9_1 iris    exon    69552667        69552921        .       -
        .       Parent=Smp_072360.1;Name=b28fe0a0-
bbd3-4960-8fad-1dd595d2939c
SM_V9_1 iris    exon    69557120        69557635        .       -
        .       Parent=Smp_072360.1;Name=bd68e159-ec6d-48f6-
b710-544dad6bfa62
SM_V9_1 iris    exon    69558072        69558374        .       -
        .
Parent=Smp_072360.1;Name=2dbd809c-492b-4fd0-9bff-16aa7fd8cb9f
SM_V9_1 iris    exon    69559875        69560235        .       -
        .       Parent=Smp_072360.1;Name=3ee39108-5b36-4494-
b200-3ad8d0f4bcaf
SM_V9_1 iris    CDS     69543606        69543713        .       -
        0       Parent=Smp_072360.1
SM_V9_1 iris    CDS     69548407        69548733        .       -
        0       Parent=Smp_072360.1
SM_V9_1 iris    CDS     69551447        69551581        .       -
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SM_V9_1 iris    CDS     69552667        69552921        .       -
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SM_V9_1 iris    CDS     69558072        69558374        .       -
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SM_V9_1 iris    CDS     69559875        69560198        .       -
        0       Parent=Smp_072360.1
SM_V9_1 Liftoff gene    69570459        69605053        .       +
        .       ID=Smp_072370;geneID=Smp_072370
SM_V9_1 Liftoff mRNA    69570459        69605053        .       +
        .
ID=Smp_072370.1;Parent=Smp_072370;geneID=Smp_072370;product=RNA
polymerase-associated protein CTR9
homolog;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13181,PF13432,PF14559;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    69570459        69570574        .       +
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SM_V9_1 Liftoff exon    69575062        69575387        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69576637        69577084        .       +
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SM_V9_1 Liftoff exon    69580446        69580778        .       +
        .       Parent=Smp_072370.1
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        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69584252        69584449        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69586068        69586290        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69588963        69589051        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69590954        69591154        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69594038        69594259        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69594422        69594538        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69595970        69596115        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69597496        69597652        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69602040        69602189        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff exon    69604116        69605053        .       +
        .       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69570569        69570574        .       +
        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69575062        69575387        .       +
        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69576637        69577084        .       +
        1       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69580446        69580778        .       +
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SM_V9_1 Liftoff CDS     69582197        69582328        .       +
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        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69584252        69584449        .       +
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SM_V9_1 Liftoff CDS     69586068        69586290        .       +
        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69588963        69589051        .       +
        2       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69590954        69591154        .       +
        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69594038        69594259        .       +
        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69594422        69594538        .       +
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SM_V9_1 Liftoff CDS     69595970        69596115        .       +
        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69597496        69597652        .       +
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SM_V9_1 Liftoff CDS     69602040        69602189        .       +
        0       Parent=Smp_072370.1
SM_V9_1 Liftoff CDS     69604116        69604643        .       +
        0       Parent=Smp_072370.1
SM_V9_1 iris    gene    69606749        69609577        .       -
        .
ID=Smp_072380;geneID=Smp_072380;gene_name=Smp_072380;owner=irisadmin
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SM_V9_1 iris    mRNA    69606749        69609577        .       -
        .
ID=Smp_072380.1;Parent=Smp_072380;geneID=Smp_072380;gene_name=Smp_07
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ied=2022-08-01;Name=Smp_072380.1;product=Elongin-
B;date_creation=2022-07-29
SM_V9_1 iris    exon    69606749        69607442        .       -
        .       Parent=Smp_072380.1;Name=9139b616-
bfad-4364-9f96-7d4db262690d
SM_V9_1 iris    exon    69609206        69609449        .       -
        .       Parent=Smp_072380.1;Name=88a0ff66-9402-4be2-
bb2c-9b063848e78f
SM_V9_1 iris    exon    69609529        69609577        .       -
        .       Parent=Smp_072380.1;Name=93752e47-42c8-4029-
a449-6d4cefc9b5ed
SM_V9_1 iris    CDS     69607312        69607442        .       -
        2       Parent=Smp_072380.1
SM_V9_1 iris    CDS     69609206        69609440        .       -
        0       Parent=Smp_072380.1
SM_V9_1 Liftoff gene    69695469        69742569        .       +
        .       ID=Smp_161400;geneID=Smp_161400
SM_V9_1 Liftoff mRNA    69695469        69742569        .       +
        .
ID=Smp_161400.1;Parent=Smp_161400;geneID=Smp_161400;product=Lysine-
specific demethylase 3B;polypeptide_domain=InterPro:IPR003347
Pfam:PF02373
SM_V9_1 Liftoff exon    69695469        69697100        .       +
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SM_V9_1 Liftoff exon    69705359        69706619        .       +
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        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69709162        69710458        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69713724        69714195        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69718152        69718252        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69719740        69720186        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69721540        69722297        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69728454        69728646        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69733097        69733338        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69736162        69736447        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69737580        69737830        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff exon    69740035        69742569        .       +
        .       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69695875        69697100        .       +
        0       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69705359        69706619        .       +
        1       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69709162        69710458        .       +
        0       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69713724        69714195        .       +
        2       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69718152        69718252        .       +
        1       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69719740        69720186        .       +
        2       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69721540        69722297        .       +
        2       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69728454        69728646        .       +
        0       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69733097        69733338        .       +
        2       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69736162        69736447        .       +
        0       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69737580        69737830        .       +
        2       Parent=Smp_161400.1
SM_V9_1 Liftoff CDS     69740035        69741228        .       +
        0       Parent=Smp_161400.1
SM_V9_1 Liftoff gene    69748820        69758157        .       -
        .
ID=Smp_335610;geneID=Smp_335610;previous_systematic_id=Smp_072430
SM_V9_1 Liftoff mRNA    69748820        69758157        .       -
        .
ID=Smp_335610.1;Parent=Smp_335610;geneID=Smp_335610;product=IgA FC
receptor
SM_V9_1 Liftoff exon    69748820        69748935        .       -
        .       Parent=Smp_335610.1
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SM_V9_1 Liftoff exon    69749873        69749968        .       -
        .       Parent=Smp_335610.1
SM_V9_1 Liftoff exon    69750343        69750480        .       -
        .       Parent=Smp_335610.1
SM_V9_1 Liftoff exon    69758070        69758157        .       -
        .       Parent=Smp_335610.1
SM_V9_1 Liftoff CDS     69748904        69748935        .       -
        2       Parent=Smp_335610.1
SM_V9_1 Liftoff CDS     69749873        69749968        .       -
        2       Parent=Smp_335610.1
SM_V9_1 Liftoff CDS     69750343        69750480        .       -
        2       Parent=Smp_335610.1
SM_V9_1 Liftoff CDS     69758070        69758127        .       -
        0       Parent=Smp_335610.1
SM_V9_1 Liftoff gene    69758695        69776757        .       -
        .       ID=Smp_319920;geneID=Smp_319920
SM_V9_1 Liftoff mRNA    69758695        69776757        .       -
        .
ID=Smp_319920.1;Parent=Smp_319920;geneID=Smp_319920;product=IgA FC
receptor
SM_V9_1 Liftoff exon    69758695        69758806        .       -
        .       Parent=Smp_319920.1
SM_V9_1 Liftoff exon    69759170        69759217        .       -
        .       Parent=Smp_319920.1
SM_V9_1 Liftoff exon    69760463        69760528        .       -
        .       Parent=Smp_319920.1
SM_V9_1 Liftoff exon    69760819        69760875        .       -
        .       Parent=Smp_319920.1
SM_V9_1 Liftoff exon    69775441        69775536        .       -
        .       Parent=Smp_319920.1
SM_V9_1 Liftoff exon    69775911        69776039        .       -
        .       Parent=Smp_319920.1
SM_V9_1 Liftoff exon    69776601        69776757        .       -
        .       Parent=Smp_319920.1
SM_V9_1 Liftoff CDS     69758781        69758806        .       -
        2       Parent=Smp_319920.1
SM_V9_1 Liftoff CDS     69759170        69759217        .       -
        2       Parent=Smp_319920.1
SM_V9_1 Liftoff CDS     69760463        69760528        .       -
        2       Parent=Smp_319920.1
SM_V9_1 Liftoff CDS     69760819        69760875        .       -
        2       Parent=Smp_319920.1
SM_V9_1 Liftoff CDS     69775441        69775536        .       -
        2       Parent=Smp_319920.1
SM_V9_1 Liftoff CDS     69775911        69776039        .       -
        2       Parent=Smp_319920.1
SM_V9_1 Liftoff CDS     69776601        69776619        .       -
        0       Parent=Smp_319920.1
SM_V9_1 Liftoff gene    69781862        69784137        .       -
        .       ID=Smp_319930;geneID=Smp_319930
SM_V9_1 Liftoff mRNA    69781862        69784137        .       -
        .
ID=Smp_319930.1;Parent=Smp_319930;geneID=Smp_319930;product=Holo-
[acyl-carrier-protein] synthase
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SM_V9_1 Liftoff exon    69781862        69781973        .       -
        .       Parent=Smp_319930.1
SM_V9_1 Liftoff exon    69782337        69782384        .       -
        .       Parent=Smp_319930.1
SM_V9_1 Liftoff exon    69783630        69783695        .       -
        .       Parent=Smp_319930.1
SM_V9_1 Liftoff exon    69783982        69784042        .       -
        .       Parent=Smp_319930.1
SM_V9_1 Liftoff exon    69784100        69784137        .       -
        .       Parent=Smp_319930.1
SM_V9_1 Liftoff CDS     69781948        69781973        .       -
        2       Parent=Smp_319930.1
SM_V9_1 Liftoff CDS     69782337        69782384        .       -
        2       Parent=Smp_319930.1
SM_V9_1 Liftoff CDS     69783630        69783695        .       -
        2       Parent=Smp_319930.1
SM_V9_1 Liftoff CDS     69783982        69784042        .       -
        0       Parent=Smp_319930.1
SM_V9_1 Liftoff CDS     69784100        69784114        .       -
        0       Parent=Smp_319930.1
SM_V9_1 Liftoff gene    69784671        69786948        .       +
        .       ID=Smp_319940;geneID=Smp_319940
SM_V9_1 Liftoff mRNA    69784671        69786948        .       +
        .
ID=Smp_319940.1;Parent=Smp_319940;geneID=Smp_319940;product=Holo-
[acyl-carrier-protein] synthase
SM_V9_1 Liftoff exon    69784671        69784711        .       +
        .       Parent=Smp_319940.1
SM_V9_1 Liftoff exon    69784769        69784829        .       +
        .       Parent=Smp_319940.1
SM_V9_1 Liftoff exon    69785120        69785185        .       +
        .       Parent=Smp_319940.1
SM_V9_1 Liftoff exon    69786426        69786473        .       +
        .       Parent=Smp_319940.1
SM_V9_1 Liftoff exon    69786837        69786948        .       +
        .       Parent=Smp_319940.1
SM_V9_1 Liftoff CDS     69784697        69784711        .       +
        0       Parent=Smp_319940.1
SM_V9_1 Liftoff CDS     69784769        69784829        .       +
        0       Parent=Smp_319940.1
SM_V9_1 Liftoff CDS     69785120        69785185        .       +
        2       Parent=Smp_319940.1
SM_V9_1 Liftoff CDS     69786426        69786473        .       +
        2       Parent=Smp_319940.1
SM_V9_1 Liftoff CDS     69786837        69786862        .       +
        2       Parent=Smp_319940.1
SM_V9_1 Liftoff gene    69792671        69797782        .       +
        .       ID=Smp_072140;geneID=Smp_072140
SM_V9_1 Liftoff mRNA    69792671        69797782        .       +
        .
ID=Smp_072140.1;Parent=Smp_072140;geneID=Smp_072140;product=Rho2
GTPase;evidence=Traceable Author
Statement;literature=PMID:12814652;polypeptide_domain=InterPro:IPR00
1806,IPR003578,IPR005225,IPR027417
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Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0005622,GO:00072
64
SM_V9_1 Liftoff exon    69792671        69792971        .       +
        .       Parent=Smp_072140.1
SM_V9_1 Liftoff exon    69795329        69795519        .       +
        .       Parent=Smp_072140.1
SM_V9_1 Liftoff exon    69796600        69797782        .       +
        .       Parent=Smp_072140.1
SM_V9_1 Liftoff CDS     69792709        69792971        .       +
        0       Parent=Smp_072140.1
SM_V9_1 Liftoff CDS     69795329        69795519        .       +
        1       Parent=Smp_072140.1
SM_V9_1 Liftoff CDS     69796600        69796724        .       +
        2       Parent=Smp_072140.1
SM_V9_1 Liftoff gene    69829950        69847855        .       -
        .       ID=Smp_319960;geneID=Smp_319960
SM_V9_1 Liftoff mRNA    69829950        69847855        .       -
        .
ID=Smp_319960.1;Parent=Smp_319960;geneID=Smp_319960;product=Circumsp
orozoite protein
SM_V9_1 Liftoff exon    69829950        69830065        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff exon    69830559        69830606        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff exon    69830947        69831042        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff exon    69831417        69831545        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff exon    69832115        69832175        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff exon    69844896        69844959        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff exon    69845795        69846162        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff exon    69847792        69847855        .       -
        .       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69830034        69830065        .       -
        2       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69830559        69830606        .       -
        2       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69830947        69831042        .       -
        2       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69831417        69831545        .       -
        2       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69832115        69832175        .       -
        0       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69844896        69844959        .       -
        1       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69845795        69846162        .       -
        0       Parent=Smp_319960.1
SM_V9_1 Liftoff CDS     69847792        69847794        .       -
        0       Parent=Smp_319960.1
SM_V9_1 Liftoff gene    69857601        69861787        .       +
        .       ID=Smp_086470;geneID=Smp_086470
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SM_V9_1 Liftoff mRNA    69857601        69861787        .       +
        .
ID=Smp_086470.1;Parent=Smp_086470;geneID=Smp_086470;product=tegument
-associated antigen (TAL8);evidence=Traceable Author
Statement;literature=PMID:19409948
PMID:22509417;polypeptide_domain=InterPro:IPR001372,IPR002048,IPR011
992,IPR018247
Pfam:PF01221;Ontology_term=GO:0005509,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    69857601        69857957        .       +
        .       Parent=Smp_086470.1
SM_V9_1 Liftoff exon    69859441        69859529        .       +
        .       Parent=Smp_086470.1
SM_V9_1 Liftoff exon    69861273        69861787        .       +
        .       Parent=Smp_086470.1
SM_V9_1 Liftoff CDS     69857838        69857957        .       +
        0       Parent=Smp_086470.1
SM_V9_1 Liftoff CDS     69859441        69859529        .       +
        0       Parent=Smp_086470.1
SM_V9_1 Liftoff CDS     69861273        69861615        .       +
        1       Parent=Smp_086470.1
SM_V9_1 Liftoff gene    69888428        69893017        .       -
        .       ID=Smp_086480;geneID=Smp_086480
SM_V9_1 Liftoff mRNA    69888428        69893017        .       -
        .
ID=Smp_086480.1;Parent=Smp_086480;geneID=Smp_086480;product=tegument
-allergen-like protein (antigen Sm21.7);evidence=Traceable Author
Statement;literature=PMID:1371327 PMID:16297461
PMID:22509417;polypeptide_domain=InterPro:IPR001372,IPR002048,IPR011
992,IPR018247
Pfam:PF00036,PF01221;Ontology_term=GO:0005509,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    69888428        69889006        .       -
        .       Parent=Smp_086480.1
SM_V9_1 Liftoff exon    69891968        69892056        .       -
        .       Parent=Smp_086480.1
SM_V9_1 Liftoff exon    69892442        69893017        .       -
        .       Parent=Smp_086480.1
SM_V9_1 Liftoff CDS     69888670        69889006        .       -
        1       Parent=Smp_086480.1
SM_V9_1 Liftoff CDS     69891968        69892056        .       -
        0       Parent=Smp_086480.1
SM_V9_1 Liftoff CDS     69892442        69892570        .       -
        0       Parent=Smp_086480.1
SM_V9_1 iris    gene    69925795        69979709        .       +
        .
ID=Smp_169180;geneID=Smp_169180;gene_name=Smp_169180;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    69925795        69979709        .       +
        .
ID=Smp_169180.1;Parent=Smp_169180;geneID=Smp_169180;gene_name=Smp_16
9180;owner=irisadmin@local.host;orig_id=Smp_169180.1;date_last_modif
ied=2022-07-18;Name=Smp_169180.1;product=E3 ubiquitin-protein ligase
HECTD1;date_creation=2022-07-18
SM_V9_1 iris    exon    69925795        69925837        .       +
        .       Parent=Smp_169180.1;Name=1c0f4afc-04dc-4ebf-
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b90f-0bb058635787
SM_V9_1 iris    exon    69931409        69931801        .       +
        .       Parent=Smp_169180.1;Name=4fa3fcd5-
d5b3-4f3e-937c-70ab7142ec9b
SM_V9_1 iris    exon    69932538        69932937        .       +
        .       Parent=Smp_169180.1;Name=35b98fbd-9e79-4759-
a44b-65cc09516599
SM_V9_1 iris    exon    69934308        69934862        .       +
        .
Parent=Smp_169180.1;Name=3cfeda7e-3943-472d-9b0e-2c783cfa7d71
SM_V9_1 iris    exon    69936000        69936335        .       +
        .
Parent=Smp_169180.1;Name=1f5eb63f-2a81-4b61-9c4d-7a91cb61c968
SM_V9_1 iris    exon    69937878        69938091        .       +
        .       Parent=Smp_169180.1;Name=e85eb436-22e6-470b-83ea-
eeba31c6a4a6
SM_V9_1 iris    exon    69939761        69939899        .       +
        .       Parent=Smp_169180.1;Name=f0010947-3d34-4aa9-
b52c-75782c01428c
SM_V9_1 iris    exon    69941407        69942030        .       +
        .
Parent=Smp_169180.1;Name=95f38cbc-5b2e-4121-9595-83533ba45415
SM_V9_1 iris    exon    69946327        69946552        .       +
        .       Parent=Smp_169180.1;Name=f642c855-a728-4a46-
b20a-80336330cb82
SM_V9_1 iris    exon    69948023        69949208        .       +
        .       Parent=Smp_169180.1;Name=36ada257-
ff40-48d6-9d3e-299d947e3546
SM_V9_1 iris    exon    69951064        69951493        .       +
        .       Parent=Smp_169180.1;Name=b1197658-0914-4c22-aec5-
b75d4571b865
SM_V9_1 iris    exon    69952110        69952897        .       +
        .       Parent=Smp_169180.1;Name=006d8a3a-525e-480a-bc22-
a90268c78940
SM_V9_1 iris    exon    69954747        69955320        .       +
        .
Parent=Smp_169180.1;Name=3816eef3-9042-400f-908d-6d1cc08c4233
SM_V9_1 iris    exon    69956835        69957128        .       +
        .       Parent=Smp_169180.1;Name=579ad78c-3e7b-4e6e-
b5fc-01fbb50a5333
SM_V9_1 iris    exon    69958591        69959313        .       +
        .       Parent=Smp_169180.1;Name=b9440e99-7cbd-40f3-
abe6-3993e6436a13
SM_V9_1 iris    exon    69960123        69960222        .       +
        .       Parent=Smp_169180.1;Name=b43f8c35-
ae56-49b3-95c3-607448e38a7c
SM_V9_1 iris    exon    69961017        69961234        .       +
        .       Parent=Smp_169180.1;Name=f3f90e8e-
f9bf-4655-9471-7b7dfb1e6167
SM_V9_1 iris    exon    69962397        69962753        .       +
        .
Parent=Smp_169180.1;Name=890cedcc-8cf1-46ae-95ce-80d778c43aba
SM_V9_1 iris    exon    69963790        69964237        .       +
        .
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Parent=Smp_169180.1;Name=22817db9-7133-4f43-9f6e-177fecc78b97
SM_V9_1 iris    exon    69965182        69965288        .       +
        .       Parent=Smp_169180.1;Name=fad48acd-0792-414e-
bd1e-6fa881f70b3d
SM_V9_1 iris    exon    69967683        69967904        .       +
        .       Parent=Smp_169180.1;Name=d135fbd2-9513-4b80-b74d-
c0f97933214d
SM_V9_1 iris    exon    69968454        69969013        .       +
        .       Parent=Smp_169180.1;Name=a94162d7-
c980-48ea-91f0-94d713d60756
SM_V9_1 iris    exon    69969324        69970219        .       +
        .       Parent=Smp_169180.1;Name=0639438f-1ec0-4b7a-
a642-780ebfa4c694
SM_V9_1 iris    exon    69973118        69973479        .       +
        .       Parent=Smp_169180.1;Name=682ce069-6ab0-439c-83ad-
fc2cb44f749d
SM_V9_1 iris    exon    69975242        69975871        .       +
        .       Parent=Smp_169180.1;Name=ed5bc912-b104-408d-
a805-6b0b140f2230
SM_V9_1 iris    exon    69977259        69977493        .       +
        .
Parent=Smp_169180.1;Name=00889ca8-0d0d-42a7-8f8e-84bc6615e66e
SM_V9_1 iris    exon    69978543        69979709        .       +
        .       Parent=Smp_169180.1;Name=7a2b8321-7470-46f1-93bd-
e95a9b512814
SM_V9_1 iris    CDS     69931430        69931801        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69932538        69932937        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69934308        69934862        .       +
        2       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69936000        69936335        .       +
        2       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69937878        69938091        .       +
        2       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69939761        69939899        .       +
        1       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69941407        69942030        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69946327        69946552        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69948023        69949208        .       +
        2       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69951064        69951493        .       +
        1       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69952110        69952897        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69954747        69955320        .       +
        1       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69956835        69957128        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69958591        69959313        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69960123        69960222        .       +
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        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69961017        69961234        .       +
        2       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69962397        69962753        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69963790        69964237        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69965182        69965288        .       +
        2       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69967683        69967904        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69968454        69969013        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69969324        69970219        .       +
        1       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69973118        69973479        .       +
        2       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69975242        69975871        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69977259        69977493        .       +
        0       Parent=Smp_169180.1
SM_V9_1 iris    CDS     69978543        69978976        .       +
        2       Parent=Smp_169180.1
SM_V9_1 Liftoff gene    69986995        69992396        .       +
        .       ID=Smp_086530;geneID=Smp_086530
SM_V9_1 Liftoff mRNA    69986995        69992396        .       +
        .
ID=Smp_086530.1;Parent=Smp_086530;geneID=Smp_086530;product=tegument
-allergen-like protein;evidence=Inferred from
Experiment;literature=PMID:1371327
PMID:22509417;polypeptide_domain=InterPro:IPR001372,IPR002048,IPR011
992 Pfam:PF01221;Ontology_term=GO:0005509,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    69986995        69987580        .       +
        .       Parent=Smp_086530.1
SM_V9_1 Liftoff exon    69990609        69990697        .       +
        .       Parent=Smp_086530.1
SM_V9_1 Liftoff exon    69991931        69992396        .       +
        .       Parent=Smp_086530.1
SM_V9_1 Liftoff CDS     69987464        69987580        .       +
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        1       Parent=Smp_086530.1
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        1       Parent=Smp_169190.1
SM_V9_1 Liftoff gene    70017065        70024684        .       +
        .       ID=Smp_169200;geneID=Smp_169200
SM_V9_1 Liftoff mRNA    70017065        70024684        .       +
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Pfam:PF01221;Ontology_term=GO:0005509,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    70017065        70017302        .       +
        .       Parent=Smp_169200.1
SM_V9_1 Liftoff exon    70023172        70023260        .       +
        .       Parent=Smp_169200.1
SM_V9_1 Liftoff exon    70024302        70024684        .       +
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        1       Parent=Smp_169200.1
SM_V9_1 Liftoff gene    70037924        70041798        .       +
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SM_V9_1 Liftoff exon    70040304        70040392        .       +
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SM_V9_1 Liftoff exon    70041141        70041798        .       +
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SM_V9_1 Liftoff CDS     70038061        70038177        .       +
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SM_V9_1 Liftoff CDS     70040304        70040392        .       +
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SM_V9_1 Liftoff CDS     70041141        70041453        .       +
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SM_V9_1 Liftoff gene    70046795        70049413        .       +
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        .       ID=Smp_072630;geneID=Smp_072630
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        .       Parent=Smp_072630.1
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        .       Parent=Smp_072630.1
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SM_V9_1 Liftoff CDS     70054945        70055061        .       -
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        .
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        .
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Pfam:PF01221;Ontology_term=GO:0005509,GO:0007017,GO:0030286
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SM_V9_1 Liftoff CDS     70110210        70110347        .       -
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SM_V9_1 Liftoff CDS     70110385        70110556        .       -
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88E;polypeptide_domain=InterPro:IPR001054,IPR007858,IPR011644,IPR011
645,IPR024096,IPR029787
Pfam:PF00211,PF05186,PF07700,PF07701;Ontology_term=GO:0004383,GO:000
6182,GO:0009190,GO:0016849,GO:0020037,GO:0035556
SM_V9_1 Liftoff exon    70125975        70126788        .       +
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SM_V9_1 Liftoff exon    70130501        70130553        .       +
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SM_V9_1 Liftoff exon    70130953        70131793        .       +
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        .       Parent=Smp_300310.1
SM_V9_1 Liftoff exon    70137503        70137605        .       +
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SM_V9_1 Liftoff exon    70139526        70139655        .       +
        .       Parent=Smp_300310.1
SM_V9_1 Liftoff exon    70141733        70141879        .       +
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SM_V9_1 Liftoff exon    70145912        70146001        .       +
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SM_V9_1 Liftoff exon    70152533        70152631        .       +
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SM_V9_1 Liftoff CDS     70135718        70135778        .       +
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SM_V9_1 Liftoff CDS     70137503        70137605        .       +
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SM_V9_1 Liftoff CDS     70139526        70139655        .       +
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SM_V9_1 Liftoff CDS     70141733        70141879        .       +
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SM_V9_1 Liftoff CDS     70142520        70142666        .       +
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SM_V9_1 Liftoff CDS     70149624        70150650        .       +
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SM_V9_1 Liftoff CDS     70152533        70152631        .       +
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SM_V9_1 Liftoff CDS     70153230        70153348        .       +
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SM_V9_1 Liftoff gene    70168785        70185520        .       +
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SM_V9_1 Liftoff mRNA    70168785        70180064        .       +
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protein;polypeptide_domain=InterPro:IPR000408,IPR009091
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SM_V9_1 Liftoff CDS     70169048        70169261        .       +
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SM_V9_1 Liftoff CDS     70169304        70169482        .       +
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SM_V9_1 Liftoff CDS     70173298        70173618        .       +
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SM_V9_1 Liftoff CDS     70175039        70175193        .       +
        0       Parent=Smp_211320.1
SM_V9_1 Liftoff CDS     70176893        70177148        .       +
        1       Parent=Smp_211320.1
SM_V9_1 Liftoff CDS     70179416        70179763        .       +
        0       Parent=Smp_211320.1
SM_V9_1 Liftoff mRNA    70169044        70185520        .       +
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like G exchanging factor-like
protein;polypeptide_domain=InterPro:IPR000408,IPR009091
Pfam:PF00415,PF13540
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SM_V9_1 Liftoff exon    70169304        70169482        .       +
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SM_V9_1 Liftoff exon    70173298        70173618        .       +
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SM_V9_1 Liftoff exon    70176893        70177148        .       +
        .       Parent=Smp_211320.2
SM_V9_1 Liftoff exon    70182125        70185520        .       +
        .       Parent=Smp_211320.2
SM_V9_1 Liftoff CDS     70169048        70169261        .       +
        0       Parent=Smp_211320.2
SM_V9_1 Liftoff CDS     70169304        70169482        .       +
        2       Parent=Smp_211320.2
SM_V9_1 Liftoff CDS     70173298        70173618        .       +
        0       Parent=Smp_211320.2
SM_V9_1 Liftoff CDS     70175039        70175193        .       +
        0       Parent=Smp_211320.2
SM_V9_1 Liftoff CDS     70176893        70177148        .       +
        1       Parent=Smp_211320.2
SM_V9_1 Liftoff CDS     70182125        70182136        .       +
        0       Parent=Smp_211320.2
SM_V9_1 Liftoff gene    70189776        70212831        .       -
        .       ID=Smp_072560;geneID=Smp_072560
SM_V9_1 Liftoff mRNA    70189776        70212831        .       -
        .
ID=Smp_072560.1;Parent=Smp_072560;geneID=Smp_072560;product=Inner
centromere protein
SM_V9_1 Liftoff exon    70189776        70190354        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70193712        70193800        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70194725        70195011        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70200140        70200432        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70204681        70205158        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70206309        70206464        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70206764        70206928        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70212299        70212527        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff exon    70212563        70212831        .       -
        .       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70190134        70190354        .       -
        2       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70193712        70193800        .       -
        1       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70194725        70195011        .       -
        0       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70200140        70200432        .       -
        2       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70204681        70205158        .       -
        0       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70206309        70206464        .       -
        0       Parent=Smp_072560.1
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SM_V9_1 Liftoff CDS     70206764        70206928        .       -
        0       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70212299        70212527        .       -
        1       Parent=Smp_072560.1
SM_V9_1 Liftoff CDS     70212563        70212726        .       -
        0       Parent=Smp_072560.1
SM_V9_1 Liftoff gene    70215865        70216858        .       -
        .
ID=Smp_345290;geneID=Smp_345290;previous_systematic_id=Smp_161460
SM_V9_1 Liftoff mRNA    70215865        70216858        .       -
        .
ID=Smp_345290.1;Parent=Smp_345290;geneID=Smp_345290;product=U4/U6
small nuclear ribonucleoprotein
Prp31;polypeptide_domain=InterPro:IPR019175 Pfam:PF09785
SM_V9_1 Liftoff exon    70215865        70216858        .       -
        .       Parent=Smp_345290.1
SM_V9_1 Liftoff CDS     70216059        70216505        .       -
        0       Parent=Smp_345290.1
SM_V9_1 iris    gene    70231489        70347461        .       -
        .
ID=Smp_161450;geneID=Smp_161450;gene_name=Smp_161450;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    70231489        70347461        .       -
        .
ID=Smp_161450.1;Parent=Smp_161450;geneID=Smp_161450;gene_name=Smp_16
1450;owner=irisadmin@local.host;orig_id=Smp_161450.1;date_last_modif
ied=2022-07-18;Name=Smp_161450.1;product=Small conductance calcium-
activated potassium channel protein 2;date_creation=2022-07-18
SM_V9_1 iris    exon    70231489        70232144        .       -
        .       Parent=Smp_161450.1;Name=d642b910-09f4-4533-
a5b3-026e3051e1e8
SM_V9_1 iris    exon    70236303        70236404        .       -
        .       Parent=Smp_161450.1;Name=328064b9-cf2a-45ec-8d25-
e0386ad2dea9
SM_V9_1 iris    exon    70257709        70257746        .       -
        .       Parent=Smp_161450.1;Name=23d134b5-2734-4ace-
b48d-979f43786363
SM_V9_1 iris    exon    70259052        70259121        .       -
        .       Parent=Smp_161450.1;Name=0267f3e7-3281-4ca0-aea5-
ec692a2beb70
SM_V9_1 iris    exon    70264597        70264724        .       -
        .       Parent=Smp_161450.1;Name=0f61fdfc-2925-47dc-
a2a3-0911fc2fb842
SM_V9_1 iris    exon    70266699        70266809        .       -
        .       Parent=Smp_161450.1;Name=19546e60-4f66-475e-8411-
e27a9a8f95c9
SM_V9_1 iris    exon    70268533        70268668        .       -
        .       Parent=Smp_161450.1;Name=b102d803-1b1d-4626-
b5c0-9c3687d7f9e3
SM_V9_1 iris    exon    70273766        70274412        .       -
        .
Parent=Smp_161450.1;Name=0f100524-962e-43fb-8cf2-45afa3db149c
SM_V9_1 iris    exon    70276495        70276590        .       -
        .       Parent=Smp_161450.1;Name=5dd1b593-
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bd15-49da-9f22-6235f10b0e36
SM_V9_1 iris    exon    70293581        70293767        .       -
        .       Parent=Smp_161450.1;Name=370a3607-96f3-458b-
ab31-220b1c7a8fd6
SM_V9_1 iris    exon    70312199        70313831        .       -
        .       Parent=Smp_161450.1;Name=93a95286-1727-4018-921a-
ee0d4dda8720
SM_V9_1 iris    exon    70344744        70347461        .       -
        .       Parent=Smp_161450.1;Name=0867d764-
f18f-4747-925b-1b084ae5f5e8
SM_V9_1 iris    CDS     70236326        70236404        .       -
        1       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70257709        70257746        .       -
        0       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70259052        70259121        .       -
        1       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70264597        70264724        .       -
        0       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70266699        70266809        .       -
        0       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70268533        70268668        .       -
        1       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70273766        70274412        .       -
        0       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70276495        70276590        .       -
        0       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70293581        70293767        .       -
        1       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70312199        70313831        .       -
        2       Parent=Smp_161450.1
SM_V9_1 iris    CDS     70344744        70344768        .       -
        0       Parent=Smp_161450.1
SM_V9_1 iris    gene    70416118        70457396        .       -
        .
ID=Smp_345280;geneID=Smp_345280;gene_name=Smp_345280;owner=irisadmin
@local.host;date_last_modified=2022-07-29;date_creation=2022-07-18
SM_V9_1 iris    mRNA    70416118        70457396        .       -
        .
ID=Smp_345280.1;Parent=Smp_345280;geneID=Smp_345280;gene_name=Smp_34
5280;owner=irisadmin@local.host;orig_id=Smp_345280.1;date_last_modif
ied=2022-07-29;Name=Smp_345280.1;product=Monocarboxylate transporter
1;date_creation=2022-07-18
SM_V9_1 iris    exon    70416118        70417198        .       -
        .       Parent=Smp_345280.1;Name=f7f5d537-b7c9-480d-aecd-
c3c4360cf424
SM_V9_1 iris    exon    70419798        70420135        .       -
        .       Parent=Smp_345280.1;Name=c65a9238-e58d-4707-930d-
ae362377569f
SM_V9_1 iris    exon    70423275        70423400        .       -
        .       Parent=Smp_345280.1;Name=f9512a9a-
b911-4ac3-8011-5faaf76a9e07
SM_V9_1 iris    exon    70424628        70424888        .       -
        .       Parent=Smp_345280.1;Name=907dd62a-4322-4d72-aa82-
f1afeb062c0c
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SM_V9_1 iris    exon    70426739        70426957        .       -
        .       Parent=Smp_345280.1;Name=b68a2ee2-b743-4e4e-
b040-5a7f0b7ecb8d
SM_V9_1 iris    exon    70426960        70426983        .       -
        .       Parent=Smp_345280.1;Name=7fc9ae6d-2834-4dc5-
a1d3-69894490c9ab
SM_V9_1 iris    exon    70428379        70428697        .       -
        .       Parent=Smp_345280.1;Name=7498213c-66fa-42fb-bf61-
e0777cb160b8
SM_V9_1 iris    exon    70431522        70431788        .       -
        .
Parent=Smp_345280.1;Name=b34eb378-132c-4a34-8de1-7f901416db23
SM_V9_1 iris    exon    70435960        70436403        .       -
        .       Parent=Smp_345280.1;Name=3e23d7b8-f361-4a3f-
a510-06e245c74d9e
SM_V9_1 iris    exon    70443552        70443975        .       -
        .
Parent=Smp_345280.1;Name=a7205ef8-31c1-4969-925e-7a3420506ce8
SM_V9_1 iris    exon    70445867        70446036        .       -
        .       Parent=Smp_345280.1;Name=ab575575-f813-4b16-
aa49-891089a3192a
SM_V9_1 iris    exon    70449699        70449904        .       -
        .       Parent=Smp_345280.1;Name=abea03ff-0b91-4440-
b3d7-14572617c26e
SM_V9_1 iris    exon    70450847        70450993        .       -
        .
Parent=Smp_345280.1;Name=e6118698-0694-4124-9844-484ed1dfa415
SM_V9_1 iris    exon    70453806        70454045        .       -
        .       Parent=Smp_345280.1;Name=860bd0d9-8a2b-4f97-
a607-87a8eb407385
SM_V9_1 iris    exon    70455542        70456018        .       -
        .       Parent=Smp_345280.1;Name=2971cdbf-11fa-436f-
b380-434a3c1832e7
SM_V9_1 iris    exon    70457328        70457396        .       -
        .       Parent=Smp_345280.1;Name=ecef0dff-
a6ab-4093-9337-2a8e7ca5959d
SM_V9_1 iris    CDS     70417163        70417198        .       -
        0       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70419798        70420135        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70423275        70423400        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70424628        70424888        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70426739        70426957        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70426960        70426983        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70428379        70428697        .       -
        0       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70431522        70431788        .       -
        0       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70435960        70436403        .       -
        0       Parent=Smp_345280.1
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SM_V9_1 iris    CDS     70443552        70443975        .       -
        1       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70445867        70446036        .       -
        0       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70449699        70449904        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70450847        70450993        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70453806        70454045        .       -
        2       Parent=Smp_345280.1
SM_V9_1 iris    CDS     70455542        70455974        .       -
        0       Parent=Smp_345280.1
SM_V9_1 iris    gene    70466341        70483125        .       +
        .
ID=Smp_072500;geneID=Smp_072500;gene_name=Smp_072500;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    70466341        70483125        .       +
        .
ID=Smp_072500.1;Parent=Smp_072500;geneID=Smp_072500;gene_name=Smp_07
2500;owner=irisadmin@local.host;orig_id=Smp_072500.1;date_last_modif
ied=2022-07-18;Name=Smp_072500.1;product=LisH domain and HEAT
repeat-containing protein KIAA1468 homolog;date_creation=2022-07-18
SM_V9_1 iris    exon    70466341        70466396        .       +
        .       Parent=Smp_072500.1;Name=d47ce9da-195f-49a6-
a7a4-2e5746b55a01
SM_V9_1 iris    exon    70466434        70466487        .       +
        .       Parent=Smp_072500.1;Name=18f0ec38-91d0-460e-
b45d-97fdf8fdebef
SM_V9_1 iris    exon    70468706        70468895        .       +
        .       Parent=Smp_072500.1;Name=3f055c18-0dbb-4b89-9489-
b1336122d598
SM_V9_1 iris    exon    70470231        70470319        .       +
        .       Parent=Smp_072500.1;Name=c9bc1f2e-4f5e-4cbb-ad59-
bae92c86e805
SM_V9_1 iris    exon    70471154        70471219        .       +
        .       Parent=Smp_072500.1;Name=ec7291e9-6950-48e1-a86d-
ff38ad0bb8cb
SM_V9_1 iris    exon    70474040        70474256        .       +
        .       Parent=Smp_072500.1;Name=91d9e430-e77d-4127-ba3a-
ffdc63aa2a50
SM_V9_1 iris    exon    70475644        70475958        .       +
        .
Parent=Smp_072500.1;Name=dd981fec-1450-4b52-9e04-920ac734aa2b
SM_V9_1 iris    exon    70478290        70478645        .       +
        .       Parent=Smp_072500.1;Name=75e1213f-c1a0-48ba-
b417-3a695ad1e23d
SM_V9_1 iris    exon    70479699        70480269        .       +
        .       Parent=Smp_072500.1;Name=a82db857-d24b-4c0e-9d29-
f10e7665a3b1
SM_V9_1 iris    exon    70481798        70483125        .       +
        .       Parent=Smp_072500.1;Name=c3e6fa2f-c786-48d6-b340-
aee87da4f6d3
SM_V9_1 iris    CDS     70468740        70468895        .       +
        0       Parent=Smp_072500.1
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SM_V9_1 iris    CDS     70470231        70470319        .       +
        0       Parent=Smp_072500.1
SM_V9_1 iris    CDS     70471154        70471219        .       +
        1       Parent=Smp_072500.1
SM_V9_1 iris    CDS     70474040        70474256        .       +
        1       Parent=Smp_072500.1
SM_V9_1 iris    CDS     70475644        70475958        .       +
        0       Parent=Smp_072500.1
SM_V9_1 iris    CDS     70478290        70478645        .       +
        0       Parent=Smp_072500.1
SM_V9_1 iris    CDS     70479699        70480269        .       +
        1       Parent=Smp_072500.1
SM_V9_1 iris    CDS     70481798        70482178        .       +
        0       Parent=Smp_072500.1
SM_V9_1 Liftoff gene    70483782        70500877        .       -
        .       ID=Smp_072490;geneID=Smp_072490
SM_V9_1 Liftoff mRNA    70483782        70500877        .       -
        .
ID=Smp_072490.1;Parent=Smp_072490;geneID=Smp_072490;product=Ubiquiti
n-associated protein 1
SM_V9_1 Liftoff exon    70483782        70484573        .       -
        .       Parent=Smp_072490.1
SM_V9_1 Liftoff exon    70487623        70487786        .       -
        .       Parent=Smp_072490.1
SM_V9_1 Liftoff exon    70492281        70492515        .       -
        .       Parent=Smp_072490.1
SM_V9_1 Liftoff exon    70496442        70497323        .       -
        .       Parent=Smp_072490.1
SM_V9_1 Liftoff exon    70500655        70500877        .       -
        .       Parent=Smp_072490.1
SM_V9_1 Liftoff CDS     70484358        70484573        .       -
        0       Parent=Smp_072490.1
SM_V9_1 Liftoff CDS     70487623        70487786        .       -
        2       Parent=Smp_072490.1
SM_V9_1 Liftoff CDS     70492281        70492515        .       -
        0       Parent=Smp_072490.1
SM_V9_1 Liftoff CDS     70496442        70497323        .       -
        0       Parent=Smp_072490.1
SM_V9_1 Liftoff CDS     70500655        70500747        .       -
        0       Parent=Smp_072490.1
SM_V9_1 iris    gene    70524740        70610665        .       +
        .
ID=Smp_301420;geneID=Smp_301420;gene_name=Smp_301420;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    70524740        70610665        .       +
        .
ID=Smp_301420.1;Parent=Smp_301420;geneID=Smp_301420;gene_name=Smp_30
1420;owner=irisadmin@local.host;orig_id=Smp_301420.1;date_last_modif
ied=2022-08-01;Name=Smp_301420.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    70524740        70525102        .       +
        .       Parent=Smp_301420.1;Name=61b6a216-
dc13-4b49-9ff2-3d303f12111c
SM_V9_1 iris    exon    70599192        70599664        .       +
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        .       Parent=Smp_301420.1;Name=26a105ec-9851-459d-b9be-
ca43cd16fd4b
SM_V9_1 iris    exon    70601754        70602047        .       +
        .       Parent=Smp_301420.1;Name=e983d15f-
e350-4bf6-9e65-0e54c0f20682
SM_V9_1 iris    exon    70603389        70603506        .       +
        .       Parent=Smp_301420.1;Name=4b794bf3-e95b-4383-
afd0-239583c812a9
SM_V9_1 iris    exon    70606252        70606351        .       +
        .       Parent=Smp_301420.1;Name=73c91b60-8c9d-468b-a5e0-
a2541bfe117c
SM_V9_1 iris    exon    70607711        70608005        .       +
        .       Parent=Smp_301420.1;Name=81616eee-5ccd-41b2-a8c4-
e64bf2caf7e8
SM_V9_1 iris    exon    70609660        70610665        .       +
        .       Parent=Smp_301420.1;Name=9f88b5bd-c993-40b8-9acb-
bee1c8fdd8d7
SM_V9_1 iris    CDS     70524933        70525102        .       +
        0       Parent=Smp_301420.1
SM_V9_1 iris    CDS     70599192        70599664        .       +
        1       Parent=Smp_301420.1
SM_V9_1 iris    CDS     70601754        70602047        .       +
        2       Parent=Smp_301420.1
SM_V9_1 iris    CDS     70603389        70603506        .       +
        2       Parent=Smp_301420.1
SM_V9_1 iris    CDS     70606252        70606351        .       +
        1       Parent=Smp_301420.1
SM_V9_1 iris    CDS     70607711        70608005        .       +
        0       Parent=Smp_301420.1
SM_V9_1 iris    CDS     70609660        70610141        .       +
        2       Parent=Smp_301420.1
SM_V9_1 Liftoff gene    70616046        70629481        .       +
        .       ID=Smp_072470;geneID=Smp_072470
SM_V9_1 Liftoff mRNA    70616046        70629481        .       +
        .
ID=Smp_072470.1;Parent=Smp_072470;geneID=Smp_072470;product=Neurogen
ic differentiation factor
1;polypeptide_domain=InterPro:IPR011598,IPR022575
Pfam:PF00010,PF12533;Ontology_term=GO:0046983
SM_V9_1 Liftoff exon    70616046        70629481        .       +
        .       Parent=Smp_072470.1
SM_V9_1 Liftoff CDS     70627600        70629093        .       +
        0       Parent=Smp_072470.1
SM_V9_1 Liftoff gene    70645323        70650884        .       -
        .       ID=Smp_072460;geneID=Smp_072460
SM_V9_1 Liftoff mRNA    70645323        70650884        .       -
        .
ID=Smp_072460.1;Parent=Smp_072460;geneID=Smp_072460;product=phosphom
evalonate kinase;polypeptide_domain=InterPro:IPR005919,IPR027417
Pfam:PF04275;Ontology_term=GO:0004631,GO:0005737,GO:0006695
SM_V9_1 Liftoff exon    70645323        70650884        .       -
        .       Parent=Smp_072460.1
SM_V9_1 Liftoff CDS     70645754        70646365        .       -
        0       Parent=Smp_072460.1
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SM_V9_1 Liftoff gene    70774309        70776352        .       -
        .       ID=Smp_072450;geneID=Smp_072450
SM_V9_1 Liftoff mRNA    70774309        70776352        .       -
        .
ID=Smp_072450.1;Parent=Smp_072450;geneID=Smp_072450;product=Apelin
receptor A;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    70774309        70776352        .       -
        .       Parent=Smp_072450.1
SM_V9_1 Liftoff CDS     70774864        70776246        .       -
        0       Parent=Smp_072450.1
SM_V9_1 Liftoff gene    70810481        70811408        .       +
        .       ID=Smp_320050;geneID=Smp_320050
SM_V9_1 Liftoff mRNA    70810481        70811408        .       +
        .
ID=Smp_320050.1;Parent=Smp_320050;geneID=Smp_320050;product=Phosphat
e-specific transport system accessory protein PhoU homolog
SM_V9_1 Liftoff exon    70810481        70811408        .       +
        .       Parent=Smp_320050.1
SM_V9_1 Liftoff CDS     70810630        70810809        .       +
        0       Parent=Smp_320050.1
SM_V9_1 Liftoff gene    70819783        70851142        .       -
        .       ID=Smp_072440;geneID=Smp_072440
SM_V9_1 Liftoff mRNA    70819783        70851142        .       -
        .
ID=Smp_072440.1;Parent=Smp_072440;geneID=Smp_072440;product=G patch
domain-containing protein 1;polypeptide_domain=InterPro:IPR011666
Pfam:PF07713;Ontology_term=GO:0006397
SM_V9_1 Liftoff exon    70819783        70820646        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70821297        70821388        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70822594        70822719        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70822783        70822848        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70822905        70823142        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70823571        70824051        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70828912        70829045        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70830411        70830781        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70833316        70833567        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70838848        70839090        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70839596        70839850        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70840542        70840784        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70841589        70841752        .       -
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        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70843499        70843653        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70846757        70846854        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70849433        70849594        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff exon    70849632        70851142        .       -
        .       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70820485        70820646        .       -
        0       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70821297        70821388        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70822594        70822719        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70822783        70822848        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70822905        70823142        .       -
        0       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70823571        70824051        .       -
        1       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70828912        70829045        .       -
        0       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70830411        70830781        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70833316        70833567        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70838848        70839090        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70839596        70839850        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70840542        70840784        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70841589        70841752        .       -
        1       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70843499        70843653        .       -
        0       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70846757        70846854        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70849433        70849594        .       -
        2       Parent=Smp_072440.1
SM_V9_1 Liftoff CDS     70849632        70849704        .       -
        0       Parent=Smp_072440.1
SM_V9_1 iris    gene    70860535        70871531        .       +
        .
ID=Smp_176960;geneID=Smp_176960;gene_name=Smp_176960;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    70860535        70871531        .       +
        .
ID=Smp_176960.1;Parent=Smp_176960;geneID=Smp_176960;gene_name=Smp_17
6960;owner=irisadmin@local.host;orig_id=Smp_176960.1;date_last_modif
ied=2022-07-18;Name=Smp_176960.1;product=Centrosomal protein of 152
kDa;date_creation=2022-07-18
SM_V9_1 iris    exon    70860535        70860646        .       +
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        .
Parent=Smp_176960.1;Name=bd334e08-1118-4625-975b-2d4df612be1b
SM_V9_1 iris    exon    70860681        70860722        .       +
        .       Parent=Smp_176960.1;Name=2c1bd689-eeff-4032-
a967-754a46107d33
SM_V9_1 iris    exon    70861302        70861399        .       +
        .       Parent=Smp_176960.1;Name=f25e3b21-1230-48f9-a2e6-
ff4bc2a375a4
SM_V9_1 iris    exon    70862616        70862729        .       +
        .       Parent=Smp_176960.1;Name=b45e63e5-9e2f-4cd7-b220-
b239dad64389
SM_V9_1 iris    exon    70862773        70862844        .       +
        .       Parent=Smp_176960.1;Name=1e968af4-50e7-48b1-
be52-8717fa222666
SM_V9_1 iris    exon    70865732        70865798        .       +
        .
Parent=Smp_176960.1;Name=1e1cb397-6c77-4044-88ae-42a5dc9363cd
SM_V9_1 iris    exon    70867031        70867062        .       +
        .       Parent=Smp_176960.1;Name=4c1e6146-
df1a-4534-9057-11e3e99b96f7
SM_V9_1 iris    exon    70869440        70869728        .       +
        .       Parent=Smp_176960.1;Name=950199f1-b9b4-4bfe-
a9f8-264bdc14e0c7
SM_V9_1 iris    exon    70871168        70871531        .       +
        .       Parent=Smp_176960.1;Name=fc934293-a4ee-40b2-aec1-
c48cfbf0a451
SM_V9_1 iris    CDS     70860566        70860646        .       +
        0       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70860681        70860722        .       +
        0       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70861302        70861399        .       +
        0       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70862616        70862729        .       +
        1       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70862773        70862844        .       +
        1       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70865732        70865798        .       +
        1       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70867031        70867062        .       +
        0       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70869440        70869728        .       +
        1       Parent=Smp_176960.1
SM_V9_1 iris    CDS     70871168        70871260        .       +
        0       Parent=Smp_176960.1
SM_V9_1 Liftoff gene    70876727        70880959        .       +
        .       ID=Smp_348220;geneID=Smp_348220;note=added from
PMID:29497070
SM_V9_1 Liftoff mRNA    70876727        70880959        .       +
        .
ID=Smp_348220.1;Parent=Smp_348220;geneID=Smp_348220;product=STE20-
related kinase adapter protein alpha
SM_V9_1 Liftoff exon    70876727        70876959        .       +
        .       Parent=Smp_348220.1
SM_V9_1 Liftoff exon    70880757        70880959        .       +
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        .       Parent=Smp_348220.1
SM_V9_1 Liftoff CDS     70876879        70876959        .       +
        0       Parent=Smp_348220.1
SM_V9_1 Liftoff CDS     70880757        70880807        .       +
        0       Parent=Smp_348220.1
SM_V9_1 Liftoff gene    70945840        70953681        .       -
        .       ID=Smp_176950;geneID=Smp_176950
SM_V9_1 Liftoff mRNA    70945840        70953681        .       -
        .
ID=Smp_176950.1;Parent=Smp_176950;geneID=Smp_176950;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    70945840        70953681        .       -
        .       Parent=Smp_176950.1
SM_V9_1 Liftoff CDS     70945994        70948525        .       -
        0       Parent=Smp_176950.1
SM_V9_1 Liftoff gene    70987018        70987893        .       +
        .       ID=Smp_200060;geneID=Smp_200060
SM_V9_1 Liftoff mRNA    70987018        70987893        .       +
        .
ID=Smp_200060.1;Parent=Smp_200060;geneID=Smp_200060;product=Acetyl-
coenzyme A carboxylase carboxyl transferase subunit beta,
chloroplastic
SM_V9_1 Liftoff exon    70987018        70987893        .       +
        .       Parent=Smp_200060.1
SM_V9_1 Liftoff CDS     70987018        70987893        .       +
        0       Parent=Smp_200060.1
SM_V9_1 iris    gene    71062652        71074321        .       -
        .
ID=Smp_308360;geneID=Smp_308360;gene_name=Smp_308360;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    71062652        71074321        .       -
        .
ID=Smp_308360.1;Parent=Smp_308360;geneID=Smp_308360;gene_name=Smp_30
8360;owner=irisadmin@local.host;orig_id=Smp_308360.1;date_last_modif
ied=2022-08-12;Name=Smp_308360.1;product=Zinc finger CCCH domain-
containing protein 15 homolog;date_creation=2022-08-12
SM_V9_1 iris    exon    71062652        71063064        .       -
        .
Parent=Smp_308360.1;Name=60291825-0a4b-4d60-8772-948ccb0ac5cb
SM_V9_1 iris    exon    71067064        71067144        .       -
        .
Parent=Smp_308360.1;Name=33a9ac2d-946e-4c1b-9d2a-9a8485574cb1
SM_V9_1 iris    exon    71068461        71068527        .       -
        .       Parent=Smp_308360.1;Name=9a6d5dd3-
ba48-4be1-8f68-01bd2ebb4fe3
SM_V9_1 iris    exon    71069954        71070067        .       -
        .
Parent=Smp_308360.1;Name=bc8488da-8e33-4a8c-9429-415cfb77324c
SM_V9_1 iris    exon    71072093        71072170        .       -
        .
Parent=Smp_308360.1;Name=cf23e97f-6a28-4283-8e74-4ca597823f15
SM_V9_1 iris    exon    71072210        71072278        .       -
        .       Parent=Smp_308360.1;Name=3b1e8abe-c71b-4507-b486-
df68e4aad2f3
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SM_V9_1 iris    exon    71073427        71073502        .       -
        .       Parent=Smp_308360.1;Name=9ab915d5-1876-4c48-b8c7-
c1773a6872b1
SM_V9_1 iris    exon    71073534        71073640        .       -
        .
Parent=Smp_308360.1;Name=5fc9dce6-87a1-44b5-9a9a-9e2d88181923
SM_V9_1 iris    exon    71073673        71073908        .       -
        .       Parent=Smp_308360.1;Name=e3dc4953-324a-43ae-
bb6f-753e27f14678
SM_V9_1 iris    exon    71073945        71074044        .       -
        .
Parent=Smp_308360.1;Name=82c4cee4-6035-4677-80de-1c62b3760be8
SM_V9_1 iris    exon    71074079        71074180        .       -
        .       Parent=Smp_308360.1;Name=45d8be50-dc97-418a-a0da-
ddca3904ac90
SM_V9_1 iris    exon    71074219        71074321        .       -
        .       Parent=Smp_308360.1;Name=e12a3792-89bd-4659-8394-
edb38a1776de
SM_V9_1 iris    CDS     71062979        71063064        .       -
        2       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71067064        71067144        .       -
        2       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71068461        71068527        .       -
        0       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71069954        71070067        .       -
        0       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71072093        71072170        .       -
        0       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71072210        71072278        .       -
        0       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71073427        71073502        .       -
        1       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71073534        71073640        .       -
        0       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71073673        71073908        .       -
        2       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71073945        71074044        .       -
        0       Parent=Smp_308360.1
SM_V9_1 iris    CDS     71074079        71074165        .       -
        0       Parent=Smp_308360.1
SM_V9_1 iris    gene    71093920        71100251        .       -
        .
ID=Smp_099890;geneID=Smp_099890;gene_name=Smp_099890;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    71093920        71100251        .       -
        .
ID=Smp_099890.1;Parent=Smp_099890;geneID=Smp_099890;gene_name=Smp_09
9890;owner=irisadmin@local.host;orig_id=Smp_099890.1;date_last_modif
ied=2022-08-29;Name=Smp_099890.1;product=Receptor expression-
enhancing protein 5;date_creation=2022-08-29
SM_V9_1 iris    exon    71093920        71094885        .       -
        .
Parent=Smp_099890.1;Name=d1d05fe1-5523-44c8-8374-84204b5c4c7e
SM_V9_1 iris    exon    71099608        71099764        .       -
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        .       Parent=Smp_099890.1;Name=1930e920-43ca-4437-
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        .       Parent=Smp_099890.1;Name=88f44da2-04c3-404b-
a565-1f5efa7f9e7a
SM_V9_1 iris    exon    71099969        71100062        .       -
        .       Parent=Smp_099890.1;Name=4349c0f6-
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SM_V9_1 iris    exon    71100099        71100251        .       -
        .       Parent=Smp_099890.1;Name=7b35dcae-032a-4c5a-9acd-
fb619f84c0f5
SM_V9_1 iris    CDS     71094830        71094885        .       -
        2       Parent=Smp_099890.1
SM_V9_1 iris    CDS     71099608        71099764        .       -
        0       Parent=Smp_099890.1
SM_V9_1 iris    CDS     71099797        71099935        .       -
        1       Parent=Smp_099890.1
SM_V9_1 iris    CDS     71099969        71100062        .       -
        2       Parent=Smp_099890.1
SM_V9_1 iris    CDS     71100099        71100222        .       -
        0       Parent=Smp_099890.1
SM_V9_1 Liftoff gene    71134347        71135951        .       -
        .
ID=Smp_308370;geneID=Smp_308370;previous_systematic_id=Smp_099870
SM_V9_1 Liftoff mRNA    71134347        71135951        .       -
        .
ID=Smp_308370.1;Parent=Smp_308370;geneID=Smp_308370;product=elongati
on factor 1-alpha;evidence=Traceable Author
Statement;literature=PMID:9039706;polypeptide_domain=InterPro:IPR000
795,IPR004160,IPR004161,IPR004539,IPR009000,IPR009001,IPR027417,IPR0
31157
Pfam:PF00009,PF03143,PF03144;Ontology_term=GO:0003746,GO:0003924,GO:
0005525,GO:0005737,GO:0006414
SM_V9_1 Liftoff exon    71134347        71135642        .       -
        .       Parent=Smp_308370.1
SM_V9_1 Liftoff exon    71135677        71135951        .       -
        .       Parent=Smp_308370.1
SM_V9_1 Liftoff CDS     71134389        71135642        .       -
        0       Parent=Smp_308370.1
SM_V9_1 Liftoff CDS     71135677        71135820        .       -
        0       Parent=Smp_308370.1
SM_V9_1 iris    gene    71155162        71204718        .       +
        .
ID=Smp_099850;geneID=Smp_099850;gene_name=Smp_099850;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    71155162        71204718        .       +
        .
ID=Smp_099850.1;Parent=Smp_099850;geneID=Smp_099850;gene_name=Smp_09
9850;owner=irisadmin@local.host;orig_id=Smp_099850.1;date_last_modif
ied=2022-07-18;Name=Smp_099850.1;product=Natural resistance-
associated macrophage protein 2;date_creation=2022-07-18
SM_V9_1 iris    exon    71155162        71155234        .       +
        .       Parent=Smp_099850.1;Name=f619458c-ecde-4232-
b512-706c0c85c3e2
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SM_V9_1 iris    exon    71162036        71162107        .       +
        .       Parent=Smp_099850.1;Name=0357c6d8-8486-41a2-a883-
f32d3bde2b45
SM_V9_1 iris    exon    71162147        71162292        .       +
        .       Parent=Smp_099850.1;Name=d3af14b9-
f4fe-4fd1-96a2-0cee2a75ba3d
SM_V9_1 iris    exon    71167355        71167483        .       +
        .       Parent=Smp_099850.1;Name=22d6dde8-6556-411b-9a17-
fe780d40c472
SM_V9_1 iris    exon    71169124        71169303        .       +
        .       Parent=Smp_099850.1;Name=71548b14-a54a-4859-8e1c-
d110f584dcf7
SM_V9_1 iris    exon    71173476        71173661        .       +
        .       Parent=Smp_099850.1;Name=37fdac63-1c91-4bff-
a685-59f50cb9dd37
SM_V9_1 iris    exon    71178813        71179001        .       +
        .
Parent=Smp_099850.1;Name=736db4c8-8312-416d-845f-2eba47f2e6fa
SM_V9_1 iris    exon    71182206        71182331        .       +
        .       Parent=Smp_099850.1;Name=e5f6f16c-76ad-4e26-
af6f-1bb95a934349
SM_V9_1 iris    exon    71183263        71183313        .       +
        .       Parent=Smp_099850.1;Name=615e6a6c-225a-49d7-
b9e4-5bf23adca8f3
SM_V9_1 iris    exon    71189941        71189982        .       +
        .       Parent=Smp_099850.1;Name=e02b4020-f202-4c54-
a759-23aaab3ba064
SM_V9_1 iris    exon    71192515        71192728        .       +
        .       Parent=Smp_099850.1;Name=a564f81a-816b-419a-8d5d-
f769f5d23afc
SM_V9_1 iris    exon    71194618        71194747        .       +
        .       Parent=Smp_099850.1;Name=1b5e9df0-93ea-4190-acb2-
c686122820ae
SM_V9_1 iris    exon    71197240        71197272        .       +
        .       Parent=Smp_099850.1;Name=d309b884-f329-48a5-b7a8-
a21f13aa6f0f
SM_V9_1 iris    exon    71199104        71199263        .       +
        .
Parent=Smp_099850.1;Name=17658f9b-3f79-4ca1-977b-6be9e09841c0
SM_V9_1 iris    exon    71201827        71201865        .       +
        .       Parent=Smp_099850.1;Name=7ac5867d-
b2d1-4d88-9c0a-28b9fdae5159
SM_V9_1 iris    exon    71204186        71204718        .       +
        .       Parent=Smp_099850.1;Name=a69f43de-2581-430e-b865-
f7145669b110
SM_V9_1 iris    CDS     71162092        71162107        .       +
        0       Parent=Smp_099850.1
SM_V9_1 iris    CDS     71162147        71162292        .       +
        2       Parent=Smp_099850.1
SM_V9_1 iris    CDS     71167355        71167483        .       +
        0       Parent=Smp_099850.1
SM_V9_1 iris    CDS     71169124        71169303        .       +
        0       Parent=Smp_099850.1
SM_V9_1 iris    CDS     71173476        71173661        .       +
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SM_V9_1 iris    CDS     71178813        71179001        .       +
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SM_V9_1 iris    CDS     71182206        71182331        .       +
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SM_V9_1 iris    CDS     71194618        71194747        .       +
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SM_V9_1 iris    CDS     71197240        71197272        .       +
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SM_V9_1 iris    CDS     71199104        71199263        .       +
        1       Parent=Smp_099850.1
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        0       Parent=Smp_099850.1
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SM_V9_1 iris    mRNA    71220232        71250836        .       -
        .
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ied=2022-08-12;Name=Smp_176940.1;product=High affinity cationic
amino acid transporter 1;date_creation=2022-08-12
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        .       Parent=Smp_176940.1;Name=69405898-80e5-4e63-
b071-734578c975ea
SM_V9_1 iris    exon    71222527        71222635        .       -
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d397-4980-8e7b-935ae1c62c02
SM_V9_1 iris    exon    71224383        71224703        .       -
        .
Parent=Smp_176940.1;Name=5988711e-24a8-4040-886b-2af368c2226d
SM_V9_1 iris    exon    71225773        71225994        .       -
        .       Parent=Smp_176940.1;Name=7b76a1d4-e318-4bec-a7bc-
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SM_V9_1 iris    exon    71230306        71230987        .       -
        .
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SM_V9_1 iris    exon    71232840        71233021        .       -
        .       Parent=Smp_176940.1;Name=3b5711cf-9763-4b2b-9847-
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SM_V9_1 iris    exon    71236126        71236277        .       -
        .
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SM_V9_1 iris    exon    71250564        71250836        .       -
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SM_V9_1 iris    CDS     71222527        71222635        .       -
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SM_V9_1 iris    CDS     71224383        71224703        .       -
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        0       Parent=Smp_176940.1
SM_V9_1 iris    CDS     71230306        71230987        .       -
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SM_V9_1 iris    CDS     71232840        71233021        .       -
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        2       Parent=Smp_176940.1
SM_V9_1 iris    CDS     71250564        71250729        .       -
        0       Parent=Smp_176940.1
SM_V9_1 iris    gene    71263526        71293289        .       +
        .
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@local.host;date_last_modified=2022-08-12;date_creation=2022-07-18
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        .
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ied=2022-08-12;Name=Smp_176930.1;product=Cationic amino acid
transporter 4;date_creation=2022-07-18
SM_V9_1 iris    exon    71263526        71263789        .       +
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f5d9e5d87209
SM_V9_1 iris    exon    71275920        71276071        .       +
        .       Parent=Smp_176930.1;Name=c58e4197-25c6-4858-9e2d-
b97a612293ec
SM_V9_1 iris    exon    71277889        71278070        .       +
        .       Parent=Smp_176930.1;Name=3660bc84-7e34-40cf-
b578-5133a1ce7fd8
SM_V9_1 iris    exon    71281676        71282345        .       +
        .
Parent=Smp_176930.1;Name=bd02e2b4-1958-40c2-8a84-7e899a9a5edc
SM_V9_1 iris    exon    71284047        71284268        .       +
        .       Parent=Smp_176930.1;Name=d7e638b7-d9b5-447c-94cb-
a7cba020fc69
SM_V9_1 iris    exon    71286194        71286502        .       +
        .       Parent=Smp_176930.1;Name=002ed26c-6070-4347-ae68-
e4cf17d6e764
SM_V9_1 iris    exon    71289548        71289656        .       +
        .       Parent=Smp_176930.1;Name=fd386dad-245c-4898-
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SM_V9_1 iris    exon    71292807        71293289        .       +
        .       Parent=Smp_176930.1;Name=7b6c6259-97c6-4cb6-8aae-
d148adde52bc
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SM_V9_1 iris    CDS     71275920        71276071        .       +
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        2       Parent=Smp_176930.1
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SM_V9_1 iris    CDS     71281676        71282345        .       +
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SM_V9_1 iris    CDS     71284047        71284268        .       +
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SM_V9_1 iris    CDS     71286194        71286502        .       +
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SM_V9_1 iris    CDS     71289548        71289656        .       +
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SM_V9_1 iris    CDS     71292807        71292979        .       +
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        .
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SM_V9_1 Liftoff mRNA    71300422        71300523        .       +
        .
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SM_V9_1 Liftoff exon    71300422        71300523        .       +
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SM_V9_1 Liftoff CDS     71300422        71300523        .       +
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SM_V9_1 Liftoff gene    71316850        71356816        .       +
        .
ID=Smp_346700;geneID=Smp_346700;previous_systematic_id=Smp_181200
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        .
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responsive element-binding protein
1;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
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        .       Parent=Smp_346700.1
SM_V9_1 Liftoff exon    71347280        71347490        .       +
        .       Parent=Smp_346700.1
SM_V9_1 Liftoff exon    71348243        71349411        .       +
        .       Parent=Smp_346700.1
SM_V9_1 Liftoff exon    71350571        71350679        .       +
        .       Parent=Smp_346700.1
SM_V9_1 Liftoff exon    71352385        71352469        .       +
        .       Parent=Smp_346700.1
SM_V9_1 Liftoff exon    71353199        71353410        .       +
        .       Parent=Smp_346700.1
SM_V9_1 Liftoff exon    71353446        71353946        .       +
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SM_V9_1 Liftoff exon    71355087        71356816        .       +
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SM_V9_1 Liftoff CDS     71343235        71343330        .       +
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SM_V9_1 Liftoff CDS     71355087        71356393        .       +
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        .
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Pfam:PF14646
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SM_V9_1 Liftoff exon    71361300        71361364        .       -
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SM_V9_1 Liftoff exon    71362799        71362899        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71364242        71364393        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71365808        71365954        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71367879        71368019        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71370124        71370326        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71371479        71371551        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71372688        71372765        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71374720        71374951        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71376532        71376721        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71377156        71377238        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71379258        71379324        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71381314        71381433        .       -
        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71382844        71383144        .       -
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SM_V9_1 Liftoff exon    71384239        71384470        .       -
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        .       Parent=Smp_181180.1
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        .       Parent=Smp_181180.1
SM_V9_1 Liftoff exon    71391999        71392136        .       -
        .       Parent=Smp_181180.1
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SM_V9_1 Liftoff CDS     71361300        71361364        .       -
        2       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71362799        71362899        .       -
        1       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71364242        71364393        .       -
        0       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71365808        71365954        .       -
        0       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71367879        71368019        .       -
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SM_V9_1 Liftoff CDS     71370124        71370326        .       -
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SM_V9_1 Liftoff CDS     71374720        71374951        .       -
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        2       Parent=Smp_181180.1
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        1       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71379258        71379324        .       -
        2       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71381314        71381433        .       -
        2       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71382844        71383144        .       -
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SM_V9_1 Liftoff CDS     71384239        71384470        .       -
        1       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71386104        71386234        .       -
        0       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71387805        71387971        .       -
        2       Parent=Smp_181180.1
SM_V9_1 Liftoff CDS     71391999        71392008        .       -
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        .
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Pfam:PF14646
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        .       Parent=Smp_181180.2
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        .       Parent=Smp_181180.2
SM_V9_1 Liftoff exon    71365808        71365954        .       -
        .       Parent=Smp_181180.2
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SM_V9_1 Liftoff exon    71370124        71370326        .       -
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SM_V9_1 Liftoff exon    71374720        71374951        .       -
        .       Parent=Smp_181180.2
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SM_V9_1 Liftoff exon    71379258        71379324        .       -
        .       Parent=Smp_181180.2
SM_V9_1 Liftoff exon    71381314        71381433        .       -
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SM_V9_1 Liftoff exon    71387805        71387971        .       -
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SM_V9_1 Liftoff exon    71391597        71392136        .       -
        .       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71359733        71359966        .       -
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SM_V9_1 Liftoff CDS     71361300        71361364        .       -
        2       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71362799        71362899        .       -
        1       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71364242        71364393        .       -
        0       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71365808        71365954        .       -
        0       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71367879        71368019        .       -
        0       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71370124        71370326        .       -
        2       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71371479        71371551        .       -
        0       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71372688        71372765        .       -
        0       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71374720        71374951        .       -
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SM_V9_1 Liftoff CDS     71376532        71376721        .       -
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SM_V9_1 Liftoff CDS     71377156        71377238        .       -
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SM_V9_1 Liftoff CDS     71379258        71379324        .       -
        2       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71381314        71381433        .       -
        2       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71382844        71383144        .       -
        0       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71384239        71384470        .       -
        1       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71386104        71386234        .       -
        0       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71387805        71387971        .       -
        2       Parent=Smp_181180.2
SM_V9_1 Liftoff CDS     71391597        71391609        .       -
        0       Parent=Smp_181180.2
SM_V9_1 iris    gene    71394216        71410869        .       +
        .
ID=Smp_181170;geneID=Smp_181170;gene_name=Smp_181170;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    71394216        71410869        .       +
        .
ID=Smp_181170.1;Parent=Smp_181170;geneID=Smp_181170;gene_name=Smp_18
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protein;date_creation=2022-07-18
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        .
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        .       Parent=Smp_181170.1;Name=9a1f400b-b836-49ec-
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SM_V9_1 iris    exon    71400543        71400692        .       +
        .
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        .       Parent=Smp_181170.1;Name=e8dc6f0c-e8e4-45fe-962d-
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SM_V9_1 iris    exon    71409625        71410869        .       +
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SM_V9_1 iris    CDS     71394520        71395206        .       +
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SM_V9_1 iris    CDS     71396632        71396730        .       +
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SM_V9_1 iris    CDS     71400543        71400692        .       +
        0       Parent=Smp_181170.1
SM_V9_1 iris    CDS     71403549        71403734        .       +
        0       Parent=Smp_181170.1
SM_V9_1 iris    CDS     71409625        71410614        .       +
        0       Parent=Smp_181170.1
SM_V9_1 iris    gene    71442563        71477653        .       +
```

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        .
ID=Smp_181160;geneID=Smp_181160;gene_name=Smp_181160;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    71442563        71477653        .       +
        .
ID=Smp_181160.1;Parent=Smp_181160;geneID=Smp_181160;gene_name=Smp_18
1160;owner=irisadmin@local.host;orig_id=Smp_181160.1;date_last_modif
ied=2022-08-12;Name=Smp_181160.1;product=Tubulin polyglutamylase
TTLL4;date_creation=2022-08-12
SM_V9_1 iris    exon    71442563        71442761        .       +
        .       Parent=Smp_181160.1;Name=234726af-ad09-498e-
ad59-8731941b7649
SM_V9_1 iris    exon    71447539        71447644        .       +
        .       Parent=Smp_181160.1;Name=a797183c-
f964-4a2d-9c84-3841b9cbbbe6
SM_V9_1 iris    exon    71447739        71448458        .       +
        .       Parent=Smp_181160.1;Name=bac6ae4c-06b8-46f4-
a7e6-1144c4976d2b
SM_V9_1 iris    exon    71450406        71450547        .       +
        .
Parent=Smp_181160.1;Name=37132fa5-6be6-4e93-9485-8f57dbd7dae3
SM_V9_1 iris    exon    71452065        71452175        .       +
        .       Parent=Smp_181160.1;Name=86eedee6-ec0b-4a34-
a92f-75af249a38e3
SM_V9_1 iris    exon    71453072        71453385        .       +
        .
Parent=Smp_181160.1;Name=85a0858e-2d2f-4ec5-9c3a-1d9e16eb0ea4
SM_V9_1 iris    exon    71457194        71457405        .       +
        .       Parent=Smp_181160.1;Name=f34cd2a5-e079-4fc7-9299-
e82a71401cae
SM_V9_1 iris    exon    71458186        71458293        .       +
        .       Parent=Smp_181160.1;Name=262fce98-d7ae-435f-
b0e0-4e494fce1807
SM_V9_1 iris    exon    71460889        71461122        .       +
        .
Parent=Smp_181160.1;Name=31aca057-1721-4e1e-9a74-3ac8bbf609ad
SM_V9_1 iris    exon    71465004        71465640        .       +
        .       Parent=Smp_181160.1;Name=9102a7ca-71d5-425d-
ad9b-0158d1aae8f5
SM_V9_1 iris    exon    71467387        71467476        .       +
        .       Parent=Smp_181160.1;Name=27824562-
dc72-45fd-8fa1-100787e1736c
SM_V9_1 iris    exon    71472636        71473084        .       +
        .       Parent=Smp_181160.1;Name=aea16a7f-
b7d0-40bb-98e3-83e922c7199a
SM_V9_1 iris    exon    71474360        71475537        .       +
        .
Parent=Smp_181160.1;Name=6197cc2e-6b5f-4079-9e7a-4c76b192740f
SM_V9_1 iris    exon    71477057        71477653        .       +
        .       Parent=Smp_181160.1;Name=333e995c-8edb-44e0-
ad42-7c16053bfa04
SM_V9_1 iris    CDS     71447751        71448458        .       +
        0       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71450406        71450547        .       +
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        0       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71452065        71452175        .       +
        2       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71453072        71453385        .       +
        2       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71457194        71457405        .       +
        0       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71458186        71458293        .       +
        1       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71460889        71461122        .       +
        1       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71465004        71465640        .       +
        1       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71467387        71467476        .       +
        0       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71472636        71473084        .       +
        0       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71474360        71475537        .       +
        1       Parent=Smp_181160.1
SM_V9_1 iris    CDS     71477057        71477172        .       +
        2       Parent=Smp_181160.1
SM_V9_1 iris    gene    71496700        71539088        .       +
        .
ID=Smp_181150;geneID=Smp_181150;gene_name=Smp_181150;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    71496700        71539088        .       +
        .
ID=Smp_181150.1;Parent=Smp_181150;geneID=Smp_181150;gene_name=Smp_18
1150;owner=irisadmin@local.host;orig_id=Smp_181150.1;date_last_modif
ied=2022-07-18;Name=Smp_181150.1;product=ATP-binding cassette sub-
family G member 1;date_creation=2022-07-18
SM_V9_1 iris    exon    71496700        71496939        .       +
        .       Parent=Smp_181150.1;Name=aafb3c0a-4f7e-4df7-8b56-
b56434a421de
SM_V9_1 iris    exon    71496977        71497287        .       +
        .       Parent=Smp_181150.1;Name=1875ef9e-f977-44ad-92ea-
eeefe882023b
SM_V9_1 iris    exon    71499428        71499573        .       +
        .       Parent=Smp_181150.1;Name=b297e35c-bfc9-46df-9c20-
b4bcbfe9cc18
SM_V9_1 iris    exon    71506943        71507066        .       +
        .
Parent=Smp_181150.1;Name=890efffe-3a99-4fa2-9591-3387a8d4c8d5
SM_V9_1 iris    exon    71514670        71514784        .       +
        .
Parent=Smp_181150.1;Name=4a84eb82-1f5e-4bff-8be6-4518182d3570
SM_V9_1 iris    exon    71515940        71516226        .       +
        .       Parent=Smp_181150.1;Name=5a83a65b-b3d6-4d30-8b34-
f30c568941ed
SM_V9_1 iris    exon    71517618        71517719        .       +
        .       Parent=Smp_181150.1;Name=db27e9f2-438e-4753-b09a-
bf6defbc7ea2
SM_V9_1 iris    exon    71522270        71522362        .       +
        .       Parent=Smp_181150.1;Name=059f61e6-5e95-46b1-b554-
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b9a6927209c7
SM_V9_1 iris    exon    71524795        71524963        .       +
        .
Parent=Smp_181150.1;Name=458dcb61-1dec-465b-878b-59b8f17b3395
SM_V9_1 iris    exon    71528916        71529016        .       +
        .       Parent=Smp_181150.1;Name=71824c70-3cfd-4445-
ac8a-995c06c8e299
SM_V9_1 iris    exon    71530298        71530453        .       +
        .
Parent=Smp_181150.1;Name=27fc490e-8f7f-45e0-8c48-28120da95aea
SM_V9_1 iris    exon    71536378        71536521        .       +
        .       Parent=Smp_181150.1;Name=bfa7e827-6d47-42b6-
b188-0dc5d589ad12
SM_V9_1 iris    exon    71537525        71539088        .       +
        .
Parent=Smp_181150.1;Name=8b0ed44a-1b66-4768-99aa-52e362021601
SM_V9_1 iris    CDS     71496795        71496939        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71496977        71497287        .       +
        2       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71499428        71499573        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71506943        71507066        .       +
        1       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71514670        71514784        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71515940        71516226        .       +
        2       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71517618        71517719        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71522270        71522362        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71524795        71524963        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71528916        71529016        .       +
        2       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71530298        71530453        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71536378        71536521        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    CDS     71537525        71537743        .       +
        0       Parent=Smp_181150.1
SM_V9_1 iris    gene    71553270        71566276        .       +
        .
ID=Smp_196690;geneID=Smp_196690;gene_name=Smp_196690;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    71553270        71566276        .       +
        .
ID=Smp_196690.1;Parent=Smp_196690;geneID=Smp_196690;gene_name=Smp_19
6690;owner=irisadmin@local.host;orig_id=Smp_196690.1;date_last_modif
ied=2022-08-01;Name=Smp_196690.1;product=CTD small phosphatase-like
protein 2;date_creation=2022-07-29
SM_V9_1 iris    exon    71553270        71553756        .       +
        .       Parent=Smp_196690.1;Name=634028d2-82e0-47ed-
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a857-327605d80b8f
SM_V9_1 iris    exon    71555331        71555401        .       +
        .
Parent=Smp_196690.1;Name=22ada700-86a3-46f4-84d3-35a8e907b0d0
SM_V9_1 iris    exon    71555672        71556222        .       +
        .       Parent=Smp_196690.1;Name=7ea54d28-6b79-4f2a-
ae12-44a89084fe63
SM_V9_1 iris    exon    71557180        71557378        .       +
        .       Parent=Smp_196690.1;Name=33b64c53-e39a-4947-ade3-
f5b7ceddf05e
SM_V9_1 iris    exon    71557984        71558126        .       +
        .       Parent=Smp_196690.1;Name=449e95f8-9137-4ce9-98b0-
ce514096e2d0
SM_V9_1 iris    exon    71558783        71558909        .       +
        .
Parent=Smp_196690.1;Name=1c2e6141-034e-48cb-953e-50266eaa82a9
SM_V9_1 iris    exon    71563378        71563473        .       +
        .       Parent=Smp_196690.1;Name=0b28c2bf-
fd13-4f8c-88cd-57b6eb69a6f5
SM_V9_1 iris    exon    71564841        71566276        .       +
        .
Parent=Smp_196690.1;Name=b63791bf-5834-4bf6-8413-599a1b86a864
SM_V9_1 iris    CDS     71553594        71553756        .       +
        0       Parent=Smp_196690.1
SM_V9_1 iris    CDS     71555331        71555401        .       +
        2       Parent=Smp_196690.1
SM_V9_1 iris    CDS     71555672        71556222        .       +
        0       Parent=Smp_196690.1
SM_V9_1 iris    CDS     71557180        71557378        .       +
        1       Parent=Smp_196690.1
SM_V9_1 iris    CDS     71557984        71558126        .       +
        0       Parent=Smp_196690.1
SM_V9_1 iris    CDS     71558783        71558909        .       +
        1       Parent=Smp_196690.1
SM_V9_1 iris    CDS     71563378        71563473        .       +
        0       Parent=Smp_196690.1
SM_V9_1 iris    CDS     71564841        71564930        .       +
        0       Parent=Smp_196690.1
SM_V9_1 Liftoff gene    71567124        71601260        .       -
        .       ID=Smp_159160;geneID=Smp_159160
SM_V9_1 Liftoff mRNA    71567124        71601260        .       -
        .
ID=Smp_159160.1;Parent=Smp_159160;geneID=Smp_159160;product=EF-hand
domain-containing protein
1;polypeptide_domain=InterPro:IPR002048,IPR006602,IPR010554,IPR01199
2 Pfam:PF06565;Ontology_term=GO:0005509
SM_V9_1 Liftoff exon    71567124        71567412        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71574401        71574593        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71579274        71579549        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71582607        71582740        .       -
        .       Parent=Smp_159160.1
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SM_V9_1 Liftoff exon    71590105        71590245        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71593057        71593244        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71594447        71594600        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71596623        71596850        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71597857        71597993        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71600326        71600701        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff exon    71600738        71601260        .       -
        .       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71567341        71567412        .       -
        0       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71574401        71574593        .       -
        1       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71579274        71579549        .       -
        1       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71582607        71582740        .       -
        0       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71590105        71590245        .       -
        0       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71593057        71593244        .       -
        2       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71594447        71594600        .       -
        0       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71596623        71596850        .       -
        0       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71597857        71597993        .       -
        2       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71600326        71600701        .       -
        0       Parent=Smp_159160.1
SM_V9_1 Liftoff CDS     71600738        71600785        .       -
        0       Parent=Smp_159160.1
SM_V9_1 iris    gene    71607941        71651861        .       -
        .
ID=Smp_159150;geneID=Smp_159150;gene_name=Smp_159150;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    71607941        71651861        .       -
        .
ID=Smp_159150.1;Parent=Smp_159150;geneID=Smp_159150;gene_name=Smp_15
9150;owner=irisadmin@local.host;orig_id=Smp_159150.2;date_last_modif
ied=2022-07-18;Name=Smp_159150.1;product=Transmembrane and coiled-
coil domains protein 3;date_creation=2022-07-18
SM_V9_1 iris    exon    71607941        71609355        .       -
        .       Parent=Smp_159150.1;Name=8db86a54-5176-479d-91c9-
cc62d0519ea4
SM_V9_1 iris    exon    71611124        71611314        .       -
        .       Parent=Smp_159150.1;Name=6573f144-0318-4be6-bbe0-
e9a5ae3b9fc2
SM_V9_1 iris    exon    71613812        71614033        .       -
        .       Parent=Smp_159150.1;Name=33b772d0-
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ddac-4e53-9c71-48dce372d1cb
SM_V9_1 iris    exon    71617096        71617851        .       -
        .       Parent=Smp_159150.1;Name=25f572d6-bab7-4c8a-
bd25-4eeb84d06a8c
SM_V9_1 iris    exon    71628842        71628905        .       -
        .       Parent=Smp_159150.1;Name=f4764899-800b-4796-
a0f6-0a6f7d886121
SM_V9_1 iris    exon    71631991        71632057        .       -
        .       Parent=Smp_159150.1;Name=1f10d334-4109-4ddb-
addc-083a720c8961
SM_V9_1 iris    exon    71635826        71636062        .       -
        .
Parent=Smp_159150.1;Name=181c6f00-9865-4af0-85a0-68332fc04d61
SM_V9_1 iris    exon    71640638        71640941        .       -
        .
Parent=Smp_159150.1;Name=9d7793d3-76f8-4817-90b1-0f3d43ec685e
SM_V9_1 iris    exon    71649212        71649338        .       -
        .       Parent=Smp_159150.1;Name=4a5e545e-057d-44c6-9377-
a24de586aa8b
SM_V9_1 iris    exon    71650605        71650968        .       -
        .       Parent=Smp_159150.1;Name=2b90256e-
b95d-432d-97d9-05d794d74396
SM_V9_1 iris    exon    71651722        71651861        .       -
        .       Parent=Smp_159150.1;Name=5e11d12e-20de-4576-9958-
a7456df1d14a
SM_V9_1 iris    CDS     71609145        71609355        .       -
        1       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71611124        71611314        .       -
        0       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71613812        71614033        .       -
        0       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71617096        71617851        .       -
        0       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71628842        71628905        .       -
        1       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71631991        71632057        .       -
        2       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71635826        71636062        .       -
        2       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71640638        71640941        .       -
        0       Parent=Smp_159150.1
SM_V9_1 iris    CDS     71649212        71649328        .       -
        0       Parent=Smp_159150.1
SM_V9_1 Liftoff gene    71658902        71684456        .       -
        .
ID=Smp_334910;geneID=Smp_334910;previous_systematic_id=Smp_206060
SM_V9_1 Liftoff mRNA    71658902        71684456        .       -
        .
ID=Smp_334910.1;Parent=Smp_334910;geneID=Smp_334910;product=CD59
glycoprotein
SM_V9_1 Liftoff exon    71658902        71659212        .       -
        .       Parent=Smp_334910.1
SM_V9_1 Liftoff exon    71665499        71665584        .       -
        .       Parent=Smp_334910.1
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SM_V9_1 Liftoff exon    71674426        71684456        .       -
        .       Parent=Smp_334910.1
SM_V9_1 Liftoff CDS     71659006        71659212        .       -
        0       Parent=Smp_334910.1
SM_V9_1 Liftoff CDS     71665499        71665584        .       -
        2       Parent=Smp_334910.1
SM_V9_1 Liftoff CDS     71674426        71674429        .       -
        0       Parent=Smp_334910.1
SM_V9_1 Liftoff gene    71684380        71702477        .       +
        .       ID=Smp_068350;geneID=Smp_068350
SM_V9_1 Liftoff mRNA    71684380        71702477        .       +
        .
ID=Smp_068350.1;Parent=Smp_068350;geneID=Smp_068350;product=Meiosis-
specific nuclear structural protein
1;polypeptide_domain=Pfam:PF13868
SM_V9_1 Liftoff exon    71684380        71684443        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff exon    71686698        71686822        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff exon    71688018        71688120        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff exon    71689902        71690131        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff exon    71691908        71692118        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff exon    71694635        71694835        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff exon    71698636        71698932        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff exon    71702265        71702477        .       +
        .       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71684441        71684443        .       +
        0       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71686698        71686822        .       +
        0       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71688018        71688120        .       +
        1       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71689902        71690131        .       +
        0       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71691908        71692118        .       +
        1       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71694635        71694835        .       +
        0       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71698636        71698932        .       +
        0       Parent=Smp_068350.1
SM_V9_1 Liftoff CDS     71702265        71702324        .       +
        0       Parent=Smp_068350.1
SM_V9_1 Liftoff gene    71703905        71708322        .       -
        .       ID=Smp_068340;geneID=Smp_068340
SM_V9_1 Liftoff mRNA    71703905        71708322        .       -
        .
ID=Smp_068340.1;Parent=Smp_068340;geneID=Smp_068340;product=Multifun
ctional 2-oxoglutarate metabolism enzyme
SM_V9_1 Liftoff exon    71703905        71704981        .       -
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        .       Parent=Smp_068340.1
SM_V9_1 Liftoff exon    71707803        71707990        .       -
        .       Parent=Smp_068340.1
SM_V9_1 Liftoff exon    71708035        71708178        .       -
        .       Parent=Smp_068340.1
SM_V9_1 Liftoff exon    71708213        71708322        .       -
        .       Parent=Smp_068340.1
SM_V9_1 Liftoff CDS     71704592        71704981        .       -
        0       Parent=Smp_068340.1
SM_V9_1 Liftoff CDS     71707803        71707990        .       -
        2       Parent=Smp_068340.1
SM_V9_1 Liftoff CDS     71708035        71708178        .       -
        2       Parent=Smp_068340.1
SM_V9_1 Liftoff CDS     71708213        71708219        .       -
        0       Parent=Smp_068340.1
SM_V9_1 iris    gene    71714940        71758044        .       +
        .
ID=Smp_159140;geneID=Smp_159140;gene_name=Smp_159140;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    71714940        71758044        .       +
        .
ID=Smp_159140.1;Parent=Smp_159140;geneID=Smp_159140;gene_name=Smp_15
9140;owner=irisadmin@local.host;orig_id=Smp_159140.1;date_last_modif
ied=2022-07-18;Name=Smp_159140.1;product=Solute carrier organic
anion transporter family member 5A1;date_creation=2022-07-18
SM_V9_1 iris    exon    71714940        71715081        .       +
        .
Parent=Smp_159140.1;Name=1578a804-503e-403e-9e28-8659dde4d9b8
SM_V9_1 iris    exon    71717418        71718198        .       +
        .       Parent=Smp_159140.1;Name=c3b18c78-8d5f-4230-a010-
fdf19ffa9917
SM_V9_1 iris    exon    71719528        71719692        .       +
        .       Parent=Smp_159140.1;Name=4ad09301-917e-41db-
b785-3776afe64c76
SM_V9_1 iris    exon    71721226        71721369        .       +
        .       Parent=Smp_159140.1;Name=950582f6-630b-4875-bfbb-
b2f4348559a7
SM_V9_1 iris    exon    71723572        71723651        .       +
        .       Parent=Smp_159140.1;Name=85d818b9-1a7a-48f4-91f5-
f72c0db1d588
SM_V9_1 iris    exon    71733198        71733303        .       +
        .       Parent=Smp_159140.1;Name=09f8e044-9451-4d8f-
a808-7e3c0bdce4e1
SM_V9_1 iris    exon    71734607        71734771        .       +
        .       Parent=Smp_159140.1;Name=bf965932-d6bd-489d-
b352-0947d28eab3b
SM_V9_1 iris    exon    71741430        71741510        .       +
        .       Parent=Smp_159140.1;Name=31d586f8-d8ca-4fd8-
be6e-96ce19580ab5
SM_V9_1 iris    exon    71742214        71742331        .       +
        .       Parent=Smp_159140.1;Name=42fde527-d4af-4545-
b500-415119adde43
SM_V9_1 iris    exon    71753755        71753917        .       +
        .       Parent=Smp_159140.1;Name=df9eedcc-a852-4b3a-bce6-
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b99d1339b925
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        .       Parent=Smp_159140.1;Name=726a1622-62ff-40da-9add-
cca84053b86a
SM_V9_1 iris    exon    71756937        71758044        .       +
        .       Parent=Smp_159140.1;Name=2501a7b0-8d84-4263-
a91a-5c1a261f121b
SM_V9_1 iris    CDS     71717487        71718198        .       +
        0       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71719528        71719692        .       +
        2       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71721226        71721369        .       +
        2       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71723572        71723651        .       +
        2       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71733198        71733303        .       +
        0       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71734607        71734771        .       +
        2       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71741430        71741510        .       +
        2       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71742214        71742331        .       +
        2       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71753755        71753917        .       +
        1       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71755485        71755869        .       +
        0       Parent=Smp_159140.1
SM_V9_1 iris    CDS     71756937        71757130        .       +
        2       Parent=Smp_159140.1
SM_V9_1 iris    gene    71809571        71836054        .       -
        .
ID=Smp_157470;geneID=Smp_157470;gene_name=Smp_157470;owner=irisadmin
@local.host;date_last_modified=2022-07-29;date_creation=2022-07-18
SM_V9_1 iris    mRNA    71809571        71836054        .       -
        .
ID=Smp_157470.1;Parent=Smp_157470;geneID=Smp_157470;gene_name=Smp_15
7470;owner=irisadmin@local.host;orig_id=Smp_157470.1;date_last_modif
ied=2022-07-29;Name=Smp_157470.1;product=Tetratricopeptide repeat
protein 23-like;date_creation=2022-07-18
SM_V9_1 iris    exon    71809571        71809706        .       -
        .       Parent=Smp_157470.1;Name=1c908421-
ad56-45d4-87f6-410998d65d5a
SM_V9_1 iris    exon    71810827        71810909        .       -
        .       Parent=Smp_157470.1;Name=1879c42d-38c8-46db-
b9ec-73fc9a7f28e3
SM_V9_1 iris    exon    71812044        71812193        .       -
        .       Parent=Smp_157470.1;Name=bb7aa8bb-742b-4361-94ae-
b9ee0465b220
SM_V9_1 iris    exon    71817512        71817792        .       -
        .
Parent=Smp_157470.1;Name=118c787e-7b65-410c-96e6-36a21e72c141
SM_V9_1 iris    exon    71822436        71822536        .       -
        .       Parent=Smp_157470.1;Name=5adf00ab-45ce-4a71-
a13e-5b630adb5f83
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SM_V9_1 iris    exon    71823841        71823923        .       -
        .
Parent=Smp_157470.1;Name=f3a1395a-8496-4fc6-88d3-209a42123e6d
SM_V9_1 iris    exon    71825793        71825919        .       -
        .       Parent=Smp_157470.1;Name=60cb5c66-9b6c-4c9a-9a50-
b4de01142577
SM_V9_1 iris    exon    71826592        71826834        .       -
        .       Parent=Smp_157470.1;Name=b995cebe-a192-4f77-b88e-
b2467f8e802e
SM_V9_1 iris    exon    71828625        71828805        .       -
        .       Parent=Smp_157470.1;Name=a31b33db-2906-4729-
a0db-4ac5d0f53304
SM_V9_1 iris    exon    71829772        71829904        .       -
        .       Parent=Smp_157470.1;Name=41e1ef38-a026-4f57-9ff2-
efa95e04c925
SM_V9_1 iris    exon    71829958        71830056        .       -
        .       Parent=Smp_157470.1;Name=bb0d862a-
cf45-4b2e-868d-5d625065179f
SM_V9_1 iris    exon    71835615        71836054        .       -
        .       Parent=Smp_157470.1;Name=227eed9a-
b970-46fd-8b7a-0eeff4c73e24
SM_V9_1 iris    CDS     71809676        71809706        .       -
        1       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71810827        71810909        .       -
        0       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71812044        71812193        .       -
        0       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71817512        71817792        .       -
        2       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71822436        71822536        .       -
        1       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71823841        71823923        .       -
        0       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71825793        71825919        .       -
        1       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71826592        71826834        .       -
        1       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71828625        71828805        .       -
        2       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71829772        71829904        .       -
        0       Parent=Smp_157470.1
SM_V9_1 iris    CDS     71829958        71830050        .       -
        0       Parent=Smp_157470.1
SM_V9_1 iris    gene    71842399        71858747        .       -
        .
ID=Smp_065470;geneID=Smp_065470;gene_name=Smp_065470;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    71842399        71858747        .       -
        .
ID=Smp_065470.1;Parent=Smp_065470;geneID=Smp_065470;gene_name=Smp_06
5470;owner=irisadmin@local.host;orig_id=Smp_065470.1;date_last_modif
ied=2022-08-29;Name=Smp_065470.1;product=Uncharacterized protein
F13E6.1;date_creation=2022-08-29
SM_V9_1 iris    exon    71842399        71843196        .       -
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        .       Parent=Smp_065470.1;Name=504ec585-bd4f-448f-8d7c-
d5ce29213c39
SM_V9_1 iris    exon    71850771        71850831        .       -
        .       Parent=Smp_065470.1;Name=9fe63288-f7d2-407c-b35f-
fb7297e61721
SM_V9_1 iris    exon    71850898        71850999        .       -
        .       Parent=Smp_065470.1;Name=21d611bd-f38a-4b09-91ac-
e01c0af8967a
SM_V9_1 iris    exon    71855423        71855571        .       -
        .       Parent=Smp_065470.1;Name=6f21945c-
bec9-4035-9be2-47d8c37db756
SM_V9_1 iris    exon    71858350        71858535        .       -
        .       Parent=Smp_065470.1;Name=d0b90661-ff81-4c06-858a-
f660501c1689
SM_V9_1 iris    exon    71858705        71858747        .       -
        .       Parent=Smp_065470.1;Name=8d412e05-69ab-4b60-
a732-3304ecf459bc
SM_V9_1 iris    CDS     71843116        71843196        .       -
        0       Parent=Smp_065470.1
SM_V9_1 iris    CDS     71850771        71850831        .       -
        1       Parent=Smp_065470.1
SM_V9_1 iris    CDS     71850898        71850999        .       -
        1       Parent=Smp_065470.1
SM_V9_1 iris    CDS     71855423        71855571        .       -
        0       Parent=Smp_065470.1
SM_V9_1 iris    CDS     71858350        71858451        .       -
        0       Parent=Smp_065470.1
SM_V9_1 Liftoff gene    71887401        72003575        .       +
        .
ID=Smp_196370;geneID=Smp_196370;previous_systematic_id=Smp_157490
SM_V9_1 Liftoff mRNA    71887401        72003575        .       +
        .
ID=Smp_196370.1;Parent=Smp_196370;geneID=Smp_196370;product=Potassiu
m voltage-gated channel subfamily H member
4;polypeptide_domain=InterPro:IPR000014,IPR000595,IPR003938,IPR00582
1,IPR014710,IPR018490
Pfam:PF00520,PF13426;Ontology_term=GO:0005216,GO:0005249,GO:0006811,
GO:0006813,GO:0016020,GO:0055085
SM_V9_1 Liftoff exon    71887401        71887716        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71929645        71929875        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71936883        71937107        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71938788        71939434        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71945751        71946167        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71950585        71950822        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71955399        71955697        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71957806        71957998        .       +
        .       Parent=Smp_196370.1
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SM_V9_1 Liftoff exon    71975483        71975677        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71987029        71987228        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71989902        71990151        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    71991523        71991770        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    72000691        72001622        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff exon    72003309        72003575        .       +
        .       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71887641        71887716        .       +
        0       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71929645        71929875        .       +
        2       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71936883        71937107        .       +
        2       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71938788        71939434        .       +
        2       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71945751        71946167        .       +
        0       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71950585        71950822        .       +
        0       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71955399        71955697        .       +
        2       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71957806        71957998        .       +
        0       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71975483        71975677        .       +
        2       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71987029        71987228        .       +
        2       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71989902        71990151        .       +
        0       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     71991523        71991770        .       +
        2       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     72000691        72001622        .       +
        0       Parent=Smp_196370.1
SM_V9_1 Liftoff CDS     72003309        72003537        .       +
        1       Parent=Smp_196370.1
SM_V9_1 Liftoff mRNA    71887401        72003575        .       +
        .
ID=Smp_196370.2;Parent=Smp_196370;geneID=Smp_196370;product=Potassiu
m voltage-gated channel subfamily H member
4;polypeptide_domain=InterPro:IPR000014,IPR000595,IPR003938,IPR00582
1,IPR014710,IPR018490
Pfam:PF00520;Ontology_term=GO:0005216,GO:0005249,GO:0006811,GO:00068
13,GO:0016020,GO:0055085
SM_V9_1 Liftoff exon    71887401        71887716        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71929645        71929875        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71934235        71934282        .       +
        .       Parent=Smp_196370.2
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SM_V9_1 Liftoff exon    71936883        71937107        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71938788        71939434        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71945751        71946167        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71950585        71950822        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71955399        71955697        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71957806        71957998        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71975483        71975677        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71987029        71987228        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    71989902        71990151        .       +
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SM_V9_1 Liftoff exon    71991523        71991770        .       +
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SM_V9_1 Liftoff exon    72000691        72001622        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff exon    72003309        72003575        .       +
        .       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71887641        71887716        .       +
        0       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71929645        71929875        .       +
        2       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71934235        71934282        .       +
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SM_V9_1 Liftoff CDS     71936883        71937107        .       +
        2       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71938788        71939434        .       +
        2       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71945751        71946167        .       +
        0       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71950585        71950822        .       +
        0       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71955399        71955697        .       +
        2       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71957806        71957998        .       +
        0       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71975483        71975677        .       +
        2       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71987029        71987228        .       +
        2       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71989902        71990151        .       +
        0       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     71991523        71991770        .       +
        2       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     72000691        72001622        .       +
        0       Parent=Smp_196370.2
SM_V9_1 Liftoff CDS     72003309        72003537        .       +
        1       Parent=Smp_196370.2
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SM_V9_1 Liftoff gene    72014591        72065093        .       +
        .
ID=Smp_214180;geneID=Smp_214180;previous_systematic_id=Smp_157500
SM_V9_1 Liftoff mRNA    72014591        72065093        .       +
        .
ID=Smp_214180.1;Parent=Smp_214180;geneID=Smp_214180;product=calpain;
evidence=Traceable Author Statement;literature=PMID:1775175
PMID:1869543;polypeptide_domain=InterPro:IPR000169,IPR001300,IPR0119
92,IPR022682,IPR022683,IPR022684,IPR033883
Pfam:PF00648,PF01067;Ontology_term=GO:0004198,GO:0005622,GO:0006508
SM_V9_1 Liftoff exon    72014591        72014690        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72026863        72026932        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72028438        72028526        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72032603        72032755        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72034508        72034669        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72038404        72038473        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72038949        72039210        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72044111        72044285        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72045370        72045444        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72046169        72046335        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72048913        72049085        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72049907        72050061        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72051947        72052155        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72053157        72053196        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72054985        72055017        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72056200        72056308        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72057342        72057406        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72058638        72058706        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72060557        72060632        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72063030        72063208        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff exon    72064841        72065093        .       +
        .       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72014637        72014690        .       +
        0       Parent=Smp_214180.1
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SM_V9_1 Liftoff CDS     72026863        72026932        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72028438        72028526        .       +
        2       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72032603        72032755        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72034508        72034669        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72038404        72038473        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72038949        72039210        .       +
        2       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72044111        72044285        .       +
        1       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72045370        72045444        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72046169        72046335        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72048913        72049085        .       +
        1       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72049907        72050061        .       +
        2       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72051947        72052155        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72053157        72053196        .       +
        1       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72054985        72055017        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72056200        72056308        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72057342        72057406        .       +
        2       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72058638        72058706        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72060557        72060632        .       +
        0       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72063030        72063208        .       +
        2       Parent=Smp_214180.1
SM_V9_1 Liftoff CDS     72064841        72064867        .       +
        0       Parent=Smp_214180.1
SM_V9_1 iris    gene    72074948        72116495        .       +
        .
ID=Smp_214190;geneID=Smp_214190;gene_name=Smp_214190;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    72074948        72116495        .       +
        .
ID=Smp_214190.1;Parent=Smp_214190;geneID=Smp_214190;gene_name=Smp_21
4190;owner=irisadmin@local.host;orig_id=Smp_214190.1;date_last_modif
ied=2022-08-29;Name=Smp_214190.1;product=calpain;date_creation=2022-
08-29
SM_V9_1 iris    exon    72074948        72075169        .       +
        .       Parent=Smp_214190.1;Name=fd248345-7393-4b91-
ade4-6ab462523258
SM_V9_1 iris    exon    72075214        72075331        .       +
```

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        .       Parent=Smp_214190.1;Name=dd522f22-de44-49fe-
a91b-010457ab5785
SM_V9_1 iris    exon    72076270        72076384        .       +
        .
Parent=Smp_214190.1;Name=c8207c8f-5836-4002-81c5-110d04e4cc3b
SM_V9_1 iris    exon    72080345        72080433        .       +
        .       Parent=Smp_214190.1;Name=4e9e60e7-7493-42bb-
a0ac-2c934140d356
SM_V9_1 iris    exon    72081824        72081985        .       +
        .
Parent=Smp_214190.1;Name=c523a60f-4086-44a1-927f-3b81db516fa5
SM_V9_1 iris    exon    72084085        72084154        .       +
        .       Parent=Smp_214190.1;Name=016588da-2e45-4ee2-
b6e4-871b2159fc8c
SM_V9_1 iris    exon    72087331        72087592        .       +
        .       Parent=Smp_214190.1;Name=363c6d0a-3289-4573-9eaf-
e2a7e02bf38f
SM_V9_1 iris    exon    72089541        72089715        .       +
        .       Parent=Smp_214190.1;Name=19fc9d60-3b69-4996-9fc8-
a62b2c853c8a
SM_V9_1 iris    exon    72092261        72092335        .       +
        .       Parent=Smp_214190.1;Name=b254c76c-059a-449e-8e12-
fc307022bce0
SM_V9_1 iris    exon    72093682        72093848        .       +
        .       Parent=Smp_214190.1;Name=4e61558c-eba6-480a-
b881-4f9367cde77e
SM_V9_1 iris    exon    72094829        72095001        .       +
        .
Parent=Smp_214190.1;Name=767c1a3c-3e20-4e26-82cc-96e121b1e363
SM_V9_1 iris    exon    72096181        72096338        .       +
        .       Parent=Smp_214190.1;Name=18483544-6f1d-4edd-
aef0-7e5d7ef47244
SM_V9_1 iris    exon    72100494        72100702        .       +
        .       Parent=Smp_214190.1;Name=5c6c30fb-7d4c-4c64-8ffc-
f1220ebfc164
SM_V9_1 iris    exon    72102036        72102075        .       +
        .
Parent=Smp_214190.1;Name=8b66a1fb-5dbf-4480-95f2-79b97f448fe5
SM_V9_1 iris    exon    72103618        72103656        .       +
        .       Parent=Smp_214190.1;Name=d57ea247-3149-40f6-bca3-
f3917d1bf24c
SM_V9_1 iris    exon    72106077        72106185        .       +
        .       Parent=Smp_214190.1;Name=34a1f28b-5067-4275-
a673-6710a60bfa01
SM_V9_1 iris    exon    72107211        72107272        .       +
        .       Parent=Smp_214190.1;Name=ca59f32c-253c-4010-
b27f-315ae6759e72
SM_V9_1 iris    exon    72110417        72110485        .       +
        .       Parent=Smp_214190.1;Name=75259bcf-995c-4571-
a3b7-37fa3a7afdde
SM_V9_1 iris    exon    72111873        72111951        .       +
        .       Parent=Smp_214190.1;Name=8284087b-7143-48e3-
b707-14fb550d8f93
SM_V9_1 iris    exon    72113623        72113801        .       +
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        .       Parent=Smp_214190.1;Name=eb055ffa-
d8b8-4976-8edd-8ea700d002a6
SM_V9_1 iris    exon    72116204        72116495        .       +
        .
Parent=Smp_214190.1;Name=0cd6da85-1e73-4e90-9db4-817993484cea
SM_V9_1 iris    CDS     72075314        72075331        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72076270        72076384        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72080345        72080433        .       +
        2       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72081824        72081985        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72084085        72084154        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72087331        72087592        .       +
        2       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72089541        72089715        .       +
        1       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72092261        72092335        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72093682        72093848        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72094829        72095001        .       +
        1       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72096181        72096338        .       +
        2       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72100494        72100702        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72102036        72102075        .       +
        1       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72103618        72103656        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72106077        72106185        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72107211        72107272        .       +
        2       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72110417        72110485        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72111873        72111951        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72113623        72113801        .       +
        2       Parent=Smp_214190.1
SM_V9_1 iris    CDS     72116204        72116230        .       +
        0       Parent=Smp_214190.1
SM_V9_1 iris    gene    72119861        72129991        .       -
        .
ID=Smp_065530;geneID=Smp_065530;gene_name=Smp_065530;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    72119861        72129991        .       -
        .
ID=Smp_065530.1;Parent=Smp_065530;geneID=Smp_065530;gene_name=Smp_06
5530;owner=irisadmin@local.host;orig_id=Smp_065530.1;date_last_modif
ied=2022-08-29;Name=Smp_065530.1;product=Acrosin;date_creation=2022-
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08-29
SM_V9_1 iris    exon    72119861        72120118        .       -
        .       Parent=Smp_065530.1;Name=6fa74e95-5a39-4ce2-95d2-
b063f71bf354
SM_V9_1 iris    exon    72123253        72123530        .       -
        .       Parent=Smp_065530.1;Name=c518a4fb-5afc-4ff7-92e7-
fb43dc6f2b82
SM_V9_1 iris    exon    72123586        72123923        .       -
        .
Parent=Smp_065530.1;Name=095e7d19-5798-4f69-8333-2a2f9008eece
SM_V9_1 iris    exon    72123964        72124345        .       -
        .       Parent=Smp_065530.1;Name=6e88ceec-2267-4963-
a1d1-84fd1b100564
SM_V9_1 iris    exon    72129903        72129991        .       -
        .
Parent=Smp_065530.1;Name=9136afeb-91cd-4964-98e2-1e5e5dbef83e
SM_V9_1 iris    CDS     72119978        72120118        .       -
        0       Parent=Smp_065530.1
SM_V9_1 iris    CDS     72123253        72123530        .       -
        2       Parent=Smp_065530.1
SM_V9_1 iris    CDS     72123586        72123923        .       -
        1       Parent=Smp_065530.1
SM_V9_1 iris    CDS     72123964        72124345        .       -
        2       Parent=Smp_065530.1
SM_V9_1 iris    CDS     72129903        72129921        .       -
        0       Parent=Smp_065530.1
SM_V9_1 iris    gene    72167952        72169513        .       -
        .
ID=Smp_200090;geneID=Smp_200090;gene_name=Smp_200090;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    72167952        72169513        .       -
        .
ID=Smp_200090.1;Parent=Smp_200090;geneID=Smp_200090;gene_name=Smp_20
0090;owner=irisadmin@local.host;orig_id=Smp_200090.1;date_last_modif
ied=2022-11-03;Name=Smp_200090.1;product=Ubiquitin thioesterase
Zranb1;date_creation=2022-07-29
SM_V9_1 iris    exon    72167952        72169121        .       -
        .       Parent=Smp_200090.1;Name=Smp_200090.1-CDS
SM_V9_1 iris    exon    72169443        72169513        .       -
        .       Parent=Smp_200090.1;Name=1bd7292d-e97b-4fad-a9c0-
bd9ae332a70a
SM_V9_1 iris    CDS     72168987        72169082        .       -
        0       Parent=Smp_200090.1
SM_V9_1 Liftoff gene    72221782        72257610        .       -
        .       ID=Smp_157510;geneID=Smp_157510
SM_V9_1 Liftoff mRNA    72221782        72257610        .       -
        .
ID=Smp_157510.1;Parent=Smp_157510;geneID=Smp_157510;product=ATP-
dependent RNA helicase
DHX8;polypeptide_domain=InterPro:IPR001650,IPR002464,IPR003029,IPR00
7502,IPR011545,IPR011709,IPR012340,IPR014001,IPR022967,IPR027417
Pfam:PF00270,PF00271,PF00575,PF04408,PF07717;Ontology_term=GO:000367
6,GO:0004386,GO:0005524
SM_V9_1 Liftoff exon    72221782        72222398        .       -
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SM_V9_1 Liftoff exon    72224742        72224921        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72226406        72226602        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72227376        72227504        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72233008        72233088        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72233929        72234141        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72236015        72236337        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72237733        72237856        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72238972        72239280        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72240282        72240440        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72241943        72242124        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72244497        72244707        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72245487        72245670        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72245834        72246111        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72246947        72247313        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72248309        72248422        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72252457        72252510        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72252546        72252751        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72252801        72252995        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72253047        72253132        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff exon    72253180        72257610        .       -
        .       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72222161        72222398        .       -
        1       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72224742        72224921        .       -
        1       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72226406        72226602        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72227376        72227504        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72233008        72233088        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72233929        72234141        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72236015        72236337        .       -
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        2       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72237733        72237856        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72238972        72239280        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72240282        72240440        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72241943        72242124        .       -
        2       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72244497        72244707        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72245487        72245670        .       -
        1       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72245834        72246111        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72246947        72247313        .       -
        1       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72248309        72248422        .       -
        1       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72252457        72252510        .       -
        1       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72252546        72252751        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72252801        72252995        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72253047        72253132        .       -
        2       Parent=Smp_157510.1
SM_V9_1 Liftoff CDS     72253180        72253291        .       -
        0       Parent=Smp_157510.1
SM_V9_1 Liftoff gene    72307874        72336532        .       +
        .       ID=Smp_065580;geneID=Smp_065580
SM_V9_1 Liftoff mRNA    72307874        72336532        .       +
        .
ID=Smp_065580.1;Parent=Smp_065580;geneID=Smp_065580;product=Heteroge
neous nuclear ribonucleoprotein
K;polypeptide_domain=InterPro:IPR004087,IPR004088
Pfam:PF00013;Ontology_term=GO:0003676,GO:0003723
SM_V9_1 Liftoff exon    72307874        72308070        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72308106        72308162        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72308414        72308457        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72308524        72308587        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72308624        72308731        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72308770        72308898        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72308930        72309085        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72309947        72310182        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72333888        72333957        .       +
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        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72334036        72334205        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff exon    72336149        72336532        .       +
        .       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72308017        72308070        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72308106        72308162        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72308414        72308457        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72308524        72308587        .       +
        1       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72308624        72308731        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72308770        72308898        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72308930        72309085        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72309947        72310182        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72333888        72333957        .       +
        1       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72334036        72334205        .       +
        0       Parent=Smp_065580.1
SM_V9_1 Liftoff CDS     72336149        72336176        .       +
        1       Parent=Smp_065580.1
SM_V9_1 iris    gene    72340312        72388136        .       -
        .
ID=Smp_302650;geneID=Smp_302650;gene_name=Smp_302650;owner=irisadmin
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SM_V9_1 iris    mRNA    72340312        72388136        .       -
        .
ID=Smp_302650.1;Parent=Smp_302650;geneID=Smp_302650;gene_name=Smp_30
2650;owner=irisadmin@local.host;orig_id=Smp_302650.1;date_last_modif
ied=2022-07-18;Name=Smp_302650.1;product=Transcription factor
HIVEP3;date_creation=2022-07-18
SM_V9_1 iris    exon    72340312        72340960        .       -
        .       Parent=Smp_302650.1;Name=a0775e59-a533-4148-
a38e-47002b357309
SM_V9_1 iris    exon    72342009        72342273        .       -
        .
Parent=Smp_302650.1;Name=3f056ab3-8f54-4e89-868f-61df4d74170f
SM_V9_1 iris    exon    72344030        72344519        .       -
        .
Parent=Smp_302650.1;Name=e05a377c-3aca-400c-9c65-61db0ad7a594
SM_V9_1 iris    exon    72348035        72348755        .       -
        .
Parent=Smp_302650.1;Name=29ca971d-0358-4a7c-8e0e-9b2a059e23a0
SM_V9_1 iris    exon    72354682        72354823        .       -
        .       Parent=Smp_302650.1;Name=f13cbff4-1054-481d-
be09-3f3a84f3de88
SM_V9_1 iris    exon    72356164        72356942        .       -
        .       Parent=Smp_302650.1;Name=d97a6ca9-cfab-46ee-ac7c-
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cae729dbdbc1
SM_V9_1 iris    exon    72359359        72359841        .       -
        .
Parent=Smp_302650.1;Name=4df25c02-99bd-4a17-980d-306e133e914f
SM_V9_1 iris    exon    72363645        72363983        .       -
        .
Parent=Smp_302650.1;Name=96f669f8-39be-40ef-9c9e-1b8d0416b9ed
SM_V9_1 iris    exon    72366861        72367197        .       -
        .       Parent=Smp_302650.1;Name=4234599d-9d5b-41e4-
a3e9-42ff8567bd9a
SM_V9_1 iris    exon    72375999        72376036        .       -
        .
Parent=Smp_302650.1;Name=360842a7-67db-4ab8-994a-45486c8bda83
SM_V9_1 iris    exon    72382752        72382810        .       -
        .       Parent=Smp_302650.1;Name=a1f5c6cc-fe6f-44e0-a432-
dc1f25ed6496
SM_V9_1 iris    exon    72385296        72385509        .       -
        .       Parent=Smp_302650.1;Name=96f37fe0-7103-416c-
bee6-9f115a5fcd60
SM_V9_1 iris    exon    72386100        72386501        .       -
        .       Parent=Smp_302650.1;Name=a03b89e3-5606-41a0-
a9b3-3fcc8605d74e
SM_V9_1 iris    exon    72387937        72388035        .       -
        .       Parent=Smp_302650.1;Name=b9725b5c-a23c-40b8-
a5b2-6f8db35fd5ec
SM_V9_1 iris    exon    72388076        72388136        .       -
        .       Parent=Smp_302650.1;Name=c015d582-66d8-41f7-
b22b-641fa1408894
SM_V9_1 iris    CDS     72340338        72340960        .       -
        2       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72342009        72342273        .       -
        0       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72344030        72344519        .       -
        1       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72348035        72348755        .       -
        2       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72354682        72354823        .       -
        0       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72356164        72356942        .       -
        2       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72359359        72359841        .       -
        2       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72363645        72363983        .       -
        2       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72366861        72367197        .       -
        0       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72375999        72376036        .       -
        2       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72382752        72382810        .       -
        1       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72385296        72385509        .       -
        2       Parent=Smp_302650.1
SM_V9_1 iris    CDS     72386100        72386490        .       -
        0       Parent=Smp_302650.1
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       .
ID=Smp_200100;geneID=Smp_200100;gene_name=Smp_200100;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    72395044        72397764        .       +
       .
ID=Smp_200100.1;Parent=Smp_200100;geneID=Smp_200100;gene_name=Smp_20
0100;owner=irisadmin@local.host;orig_id=Smp_200100.1;date_last_modif
ied=2022-08-29;Name=Smp_200100.1;product=Succinoglycan biosynthesis
protein ExoL;date_creation=2022-08-29
SM_V9_1 iris    exon    72395044        72397764        .       +
       .       Parent=Smp_200100.1;Name=0d50bd4e-0add-416a-
a3d3-32bf61cff1de
SM_V9_1 iris    CDS     72396537        72396746        .       +
       0       Parent=Smp_200100.1
SM_V9_1 iris    gene    72459955        72479550        .       -
       .
ID=Smp_065610;geneID=Smp_065610;gene_name=Smp_065610;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    72459955        72479550        .       -
       .
ID=Smp_065610.1;Parent=Smp_065610;geneID=Smp_065610;gene_name=Smp_06
5610;owner=irisadmin@local.host;orig_id=Smp_065610.1;date_last_modif
ied=2022-07-18;Name=Smp_065610.1;product=Pyruvate kinase
PKM;date_creation=2022-07-18
SM_V9_1 iris    exon    72459955        72460734        .       -
       .       Parent=Smp_065610.1;Name=084e148a-035c-483a-
b12c-4f5d99fb0c92
SM_V9_1 iris    exon    72460825        72460943        .       -
       .       Parent=Smp_065610.1;Name=e8ea7539-fad8-481f-
b3f6-6826ab7b251e
SM_V9_1 iris    exon    72469480        72469699        .       -
       .
Parent=Smp_065610.1;Name=36b66dcc-8399-4e03-94eb-1d8cd9b8fe6b
SM_V9_1 iris    exon    72470737        72470987        .       -
       .       Parent=Smp_065610.1;Name=2b967a82-d93a-407e-
a946-3c38459760c1
SM_V9_1 iris    exon    72475580        72475707        .       -
       .       Parent=Smp_065610.1;Name=98a08a1a-346d-4f27-
b7a3-14aa098e0608
SM_V9_1 iris    exon    72476093        72476235        .       -
       .       Parent=Smp_065610.1;Name=46c1857c-9f79-4f6e-b97e-
b475d4d3f119
SM_V9_1 iris    exon    72476935        72477121        .       -
       .       Parent=Smp_065610.1;Name=aed70fe3-e57e-4112-b488-
cbc2eb6d074a
SM_V9_1 iris    exon    72477707        72477921        .       -
       .       Parent=Smp_065610.1;Name=c150fd45-6fcb-4349-97bc-
c6c019eb84b8
SM_V9_1 iris    exon    72479110        72479291        .       -
       .       Parent=Smp_065610.1;Name=3002f14f-3ee3-4b6c-af3a-
efef13b5e90d
SM_V9_1 iris    exon    72479335        72479550        .       -
       .       Parent=Smp_065610.1;Name=938d942f-c8a2-400d-abcb-
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cd8d54038cb4
SM_V9_1 iris    CDS     72460511        72460734        .       -
        2       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72460825        72460943        .       -
        1       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72469480        72469699        .       -
        2       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72470737        72470987        .       -
        1       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72475580        72475707        .       -
        0       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72476093        72476235        .       -
        2       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72476935        72477121        .       -
        0       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72477707        72477921        .       -
        2       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72479110        72479291        .       -
        1       Parent=Smp_065610.1
SM_V9_1 iris    CDS     72479335        72479351        .       -
        0       Parent=Smp_065610.1
SM_V9_1 Liftoff gene    72493864        72536130        .       +
        .       ID=Smp_157540;geneID=Smp_157540
SM_V9_1 Liftoff mRNA    72493864        72536130        .       +
        .
ID=Smp_157540.1;Parent=Smp_157540;geneID=Smp_157540;product=Mothers
against decapentaplegic homolog
2;polypeptide_domain=InterPro:IPR001132,IPR008984,IPR017855
Pfam:PF03166;Ontology_term=GO:0005515,GO:0005622,GO:0006355
SM_V9_1 Liftoff exon    72493864        72501946        .       +
        .       Parent=Smp_157540.1
SM_V9_1 Liftoff exon    72510133        72510222        .       +
        .       Parent=Smp_157540.1
SM_V9_1 Liftoff exon    72522011        72522496        .       +
        .       Parent=Smp_157540.1
SM_V9_1 Liftoff exon    72523636        72523950        .       +
        .       Parent=Smp_157540.1
SM_V9_1 Liftoff exon    72525183        72525320        .       +
        .       Parent=Smp_157540.1
SM_V9_1 Liftoff exon    72531164        72531308        .       +
        .       Parent=Smp_157540.1
SM_V9_1 Liftoff exon    72534422        72536130        .       +
        .       Parent=Smp_157540.1
SM_V9_1 Liftoff CDS     72501565        72501946        .       +
        0       Parent=Smp_157540.1
SM_V9_1 Liftoff CDS     72510133        72510222        .       +
        2       Parent=Smp_157540.1
SM_V9_1 Liftoff CDS     72522011        72522496        .       +
        2       Parent=Smp_157540.1
SM_V9_1 Liftoff CDS     72523636        72523950        .       +
        2       Parent=Smp_157540.1
SM_V9_1 Liftoff CDS     72525183        72525320        .       +
        2       Parent=Smp_157540.1
SM_V9_1 Liftoff CDS     72531164        72531308        .       +
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        2       Parent=Smp_157540.1
SM_V9_1 Liftoff CDS     72534422        72534545        .       +
        1       Parent=Smp_157540.1
SM_V9_1 iris    gene    72537369        72605990        .       -
        .
ID=Smp_344870;geneID=Smp_344870;gene_name=Smp_344870;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    72537369        72605990        .       -
        .
ID=Smp_344870.1;Parent=Smp_344870;geneID=Smp_344870;gene_name=Smp_34
4870;owner=irisadmin@local.host;orig_id=Smp_344870.1;date_last_modif
ied=2022-07-18;Name=Smp_344870.1;product=Partitioning defective 3
homolog B;date_creation=2022-07-18
SM_V9_1 iris    exon    72537369        72538756        .       -
        .       Parent=Smp_344870.1;Name=8b328536-45c0-4881-8512-
d2ce2234ac13
SM_V9_1 iris    exon    72545439        72545485        .       -
        .
Parent=Smp_344870.1;Name=c3a560ac-594f-42f1-990d-5c79323b31cd
SM_V9_1 iris    exon    72546707        72547232        .       -
        .
Parent=Smp_344870.1;Name=58f70185-82d5-48a6-8ee9-91180a016e13
SM_V9_1 iris    exon    72548389        72548736        .       -
        .       Parent=Smp_344870.1;Name=232050f6-
ca10-414f-9b1f-9af8d8081805
SM_V9_1 iris    exon    72549843        72549915        .       -
        .       Parent=Smp_344870.1;Name=57041cf9-374e-458c-
aa24-40e4c269a429
SM_V9_1 iris    exon    72554874        72555557        .       -
        .       Parent=Smp_344870.1;Name=f4889600-
e611-45db-8189-9b0705f067f1
SM_V9_1 iris    exon    72556853        72557007        .       -
        .       Parent=Smp_344870.1;Name=cacd4b11-
de2f-4192-9476-0f659536fe96
SM_V9_1 iris    exon    72559736        72559959        .       -
        .       Parent=Smp_344870.1;Name=b36f38d5-b527-4016-
b2e1-393472b63375
SM_V9_1 iris    exon    72564005        72564091        .       -
        .       Parent=Smp_344870.1;Name=a242fd99-6f48-4036-
b526-9c46157d1a42
SM_V9_1 iris    exon    72569493        72569762        .       -
        .       Parent=Smp_344870.1;Name=5f8ebe98-bcfe-4ff4-9d2a-
c46ee8d7d3d7
SM_V9_1 iris    exon    72570595        72570864        .       -
        .       Parent=Smp_344870.1;Name=a2a6ac37-b914-4b8b-aff8-
ea9bdb617147
SM_V9_1 iris    exon    72575500        72575943        .       -
        .
Parent=Smp_344870.1;Name=c7323515-4d03-4cea-9b65-1b9c0f9ae4d3
SM_V9_1 iris    exon    72582530        72582934        .       -
        .       Parent=Smp_344870.1;Name=674e65a5-1dcb-4c64-
b4ef-77e325197f4c
SM_V9_1 iris    exon    72584075        72584217        .       -
        .       Parent=Smp_344870.1;Name=d8b13888-9de4-4afe-8e7d-
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bf6d010d5c31
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        .       Parent=Smp_344870.1;Name=c4293677-dea1-452a-
aa72-66c5a8023542
SM_V9_1 iris    exon    72588004        72588129        .       -
        .       Parent=Smp_344870.1;Name=66e3f0bf-4f22-4ab9-b23b-
b7de86cb1d8f
SM_V9_1 iris    exon    72591704        72592231        .       -
        .
Parent=Smp_344870.1;Name=f9dec01f-5333-4f97-9153-5b71fb1d15bb
SM_V9_1 iris    exon    72593936        72594263        .       -
        .       Parent=Smp_344870.1;Name=a537baf0-859a-4475-bfb1-
cc6c2c372860
SM_V9_1 iris    exon    72596556        72596688        .       -
        .       Parent=Smp_344870.1;Name=8ea9d358-956e-4500-9301-
ef8b9a342ed4
SM_V9_1 iris    exon    72597705        72598328        .       -
        .       Parent=Smp_344870.1;Name=5a2747f9-3d40-4562-
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SM_V9_1 iris    exon    72601352        72601590        .       -
        .       Parent=Smp_344870.1;Name=b99ad930-98e0-40a0-
a422-9c2b81ec7fcb
SM_V9_1 iris    exon    72604447        72604885        .       -
        .
Parent=Smp_344870.1;Name=e835e9f2-5b57-41dd-980a-81818f382c68
SM_V9_1 iris    exon    72605526        72605633        .       -
        .       Parent=Smp_344870.1;Name=608a5f84-3154-4084-807e-
bb5e06d691d8
SM_V9_1 iris    exon    72605758        72605990        .       -
        .       Parent=Smp_344870.1;Name=b81b6af0-3b30-4cfc-882a-
d77f07aab030
SM_V9_1 iris    CDS     72538648        72538756        .       -
        1       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72545439        72545485        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72546707        72547232        .       -
        1       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72548389        72548736        .       -
        1       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72549843        72549915        .       -
        2       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72554874        72555557        .       -
        2       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72556853        72557007        .       -
        1       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72559736        72559959        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72564005        72564091        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72569493        72569762        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72570595        72570864        .       -
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SM_V9_1 iris    CDS     72575500        72575943        .       -
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SM_V9_1 iris    CDS     72582530        72582934        .       -
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SM_V9_1 iris    CDS     72584075        72584217        .       -
        2       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72586138        72586616        .       -
        1       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72588004        72588129        .       -
        1       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72591704        72592231        .       -
        1       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72593936        72594263        .       -
        2       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72596556        72596688        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72597705        72598328        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72601352        72601590        .       -
        2       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72604447        72604885        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72605526        72605633        .       -
        0       Parent=Smp_344870.1
SM_V9_1 iris    CDS     72605758        72605877        .       -
        0       Parent=Smp_344870.1
SM_V9_1 Liftoff gene    72614074        72615068        .       +
        .
ID=Smp_341040;geneID=Smp_341040;previous_systematic_id=Smp_065650
SM_V9_1 Liftoff mRNA    72614074        72615068        .       +
        .
ID=Smp_341040.1;Parent=Smp_341040;geneID=Smp_341040;product=Co-
chaperone protein
HscB;polypeptide_domain=InterPro:IPR001623,IPR004640,IPR009073
Pfam:PF07743;Ontology_term=GO:0001671,GO:0051087,GO:0051259,GO:00974
28
SM_V9_1 Liftoff exon    72614074        72615068        .       +
        .       Parent=Smp_341040.1
SM_V9_1 Liftoff CDS     72614436        72614942        .       +
        0       Parent=Smp_341040.1
SM_V9_1 Liftoff gene    72622065        72677530        .       -
        .       ID=Smp_157560;geneID=Smp_157560
SM_V9_1 Liftoff mRNA    72622065        72677530        .       -
        .
ID=Smp_157560.1;Parent=Smp_157560;geneID=Smp_157560;product=N-
acetylneuraminate 9-O-
acetyltransferase;polypeptide_domain=InterPro:IPR012419 Pfam:PF07779
SM_V9_1 Liftoff exon    72622065        72623175        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72626231        72626323        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72628827        72628904        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72630342        72631038        .       -
        .       Parent=Smp_157560.1
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SM_V9_1 Liftoff exon    72631830        72633097        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72634685        72634780        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72637405        72637530        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72638820        72638909        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72642954        72643062        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72644422        72644653        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72646175        72646224        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72656129        72656253        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72657446        72657546        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72662658        72662797        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72666363        72666453        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72668870        72668938        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72670238        72670289        .       -
        .       Parent=Smp_157560.1
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        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72672346        72672541        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff exon    72672580        72677530        .       -
        .       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72622906        72623175        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72626231        72626323        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72628827        72628904        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72630342        72631038        .       -
        1       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72631830        72633097        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72634685        72634780        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72637405        72637530        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72638820        72638909        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72642954        72643062        .       -
        1       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72644422        72644653        .       -
        2       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72646175        72646224        .       -
        1       Parent=Smp_157560.1
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SM_V9_1 Liftoff CDS     72656129        72656253        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72657446        72657546        .       -
        2       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72662658        72662797        .       -
        1       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72666363        72666453        .       -
        2       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72668870        72668938        .       -
        2       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72670238        72670289        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72670874        72671029        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72672346        72672541        .       -
        1       Parent=Smp_157560.1
SM_V9_1 Liftoff CDS     72672580        72672830        .       -
        0       Parent=Smp_157560.1
SM_V9_1 Liftoff gene    72685692        72724356        .       -
        .       ID=Smp_157570;geneID=Smp_157570
SM_V9_1 Liftoff mRNA    72685692        72713606        .       -
        .
ID=Smp_157570.2;Parent=Smp_157570;geneID=Smp_157570;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    72685692        72686235        .       -
        .       Parent=Smp_157570.2
SM_V9_1 Liftoff exon    72693031        72693405        .       -
        .       Parent=Smp_157570.2
SM_V9_1 Liftoff exon    72695794        72695881        .       -
        .       Parent=Smp_157570.2
SM_V9_1 Liftoff exon    72701348        72713606        .       -
        .       Parent=Smp_157570.2
SM_V9_1 Liftoff CDS     72686060        72686235        .       -
        2       Parent=Smp_157570.2
SM_V9_1 Liftoff CDS     72693031        72693405        .       -
        2       Parent=Smp_157570.2
SM_V9_1 Liftoff CDS     72695794        72695881        .       -
        0       Parent=Smp_157570.2
SM_V9_1 Liftoff CDS     72701348        72701800        .       -
        0       Parent=Smp_157570.2
SM_V9_1 Liftoff mRNA    72685692        72724356        .       -
        .
ID=Smp_157570.1;Parent=Smp_157570;geneID=Smp_157570;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    72685692        72686235        .       -
        .       Parent=Smp_157570.1
SM_V9_1 Liftoff exon    72693031        72693405        .       -
        .       Parent=Smp_157570.1
SM_V9_1 Liftoff exon    72695794        72695881        .       -
        .       Parent=Smp_157570.1
SM_V9_1 Liftoff exon    72701348        72701864        .       -
        .       Parent=Smp_157570.1
SM_V9_1 Liftoff exon    72722833        72724356        .       -
        .       Parent=Smp_157570.1
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SM_V9_1 Liftoff CDS     72686060        72686235        .       -
        2       Parent=Smp_157570.1
SM_V9_1 Liftoff CDS     72693031        72693405        .       -
        2       Parent=Smp_157570.1
SM_V9_1 Liftoff CDS     72695794        72695881        .       -
        0       Parent=Smp_157570.1
SM_V9_1 Liftoff CDS     72701348        72701864        .       -
        1       Parent=Smp_157570.1
SM_V9_1 Liftoff CDS     72722833        72722948        .       -
        0       Parent=Smp_157570.1
SM_V9_1 iris    gene    72741897        72801949        .       -
        .
ID=Smp_157590;geneID=Smp_157590;gene_name=Smp_157590;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    72741897        72801949        .       -
        .
ID=Smp_157590.1;Parent=Smp_157590;geneID=Smp_157590;gene_name=Smp_15
7590;owner=irisadmin@local.host;orig_id=Smp_157590.1;date_last_modif
ied=2022-07-18;Name=Smp_157590.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    72741897        72743470        .       -
        .       Parent=Smp_157590.1;Name=84e87eda-81b6-4998-95d0-
a6fbf62204b3
SM_V9_1 iris    exon    72745398        72745913        .       -
        .
Parent=Smp_157590.1;Name=ba3510fa-0b93-4b46-8696-934e5ca84dfb
SM_V9_1 iris    exon    72747743        72748277        .       -
        .       Parent=Smp_157590.1;Name=bd4da937-7e16-4e30-b22d-
b5770342800f
SM_V9_1 iris    exon    72752146        72752691        .       -
        .
Parent=Smp_157590.1;Name=d4ecf9bb-5659-4638-9ffc-046822f419f9
SM_V9_1 iris    exon    72756219        72756779        .       -
        .       Parent=Smp_157590.1;Name=bf11f85f-46ce-4178-
bf09-30fd0620223c
SM_V9_1 iris    exon    72765706        72766040        .       -
        .       Parent=Smp_157590.1;Name=4b062202-2fbf-47bf-b31c-
d919225085a1
SM_V9_1 iris    exon    72774131        72774200        .       -
        .       Parent=Smp_157590.1;Name=ca4c6b09-
e77d-4c95-89bf-4238be659dfb
SM_V9_1 iris    exon    72781511        72781605        .       -
        .       Parent=Smp_157590.1;Name=0547a2c4-1ded-4f6c-8fd0-
ba7500f5309a
SM_V9_1 iris    exon    72797242        72797335        .       -
        .       Parent=Smp_157590.1;Name=b394b8b7-902d-454b-
b1e2-8112c74ccfac
SM_V9_1 iris    exon    72800404        72800446        .       -
        .       Parent=Smp_157590.1;Name=d17ed5bf-0fda-4541-
aafa-8f2ce213909a
SM_V9_1 iris    exon    72801452        72801561        .       -
        .       Parent=Smp_157590.1;Name=dbf9e695-4d75-4df9-b869-
c8b6de3be9fc
SM_V9_1 iris    exon    72801595        72801668        .       -
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        .       Parent=Smp_157590.1;Name=e9a7abdf-2fea-41c8-a29c-
fd6765266fdb
SM_V9_1 iris    exon    72801700        72801786        .       -
        .       Parent=Smp_157590.1;Name=e4190c91-ade3-4c20-b0c1-
e7a58ba1f9cc
SM_V9_1 iris    exon    72801822        72801949        .       -
        .       Parent=Smp_157590.1;Name=7f8a942b-c256-45d4-8696-
c1f684938eb9
SM_V9_1 iris    CDS     72743468        72743470        .       -
        0       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72745398        72745913        .       -
        0       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72747743        72748277        .       -
        1       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72752146        72752691        .       -
        1       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72756219        72756779        .       -
        1       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72765706        72766040        .       -
        0       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72774131        72774200        .       -
        1       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72781511        72781605        .       -
        0       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72797242        72797335        .       -
        1       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72800404        72800446        .       -
        2       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72801452        72801561        .       -
        1       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72801595        72801668        .       -
        0       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72801700        72801786        .       -
        0       Parent=Smp_157590.1
SM_V9_1 iris    CDS     72801822        72801911        .       -
        0       Parent=Smp_157590.1
SM_V9_1 Liftoff gene    72808790        72827540        .       +
        .       ID=Smp_200110;geneID=Smp_200110
SM_V9_1 Liftoff mRNA    72808790        72827540        .       +
        .
ID=Smp_200110.1;Parent=Smp_200110;geneID=Smp_200110;product=UPF0506
protein SJCHGC03144
SM_V9_1 Liftoff exon    72808790        72809085        .       +
        .       Parent=Smp_200110.1
SM_V9_1 Liftoff exon    72823758        72824069        .       +
        .       Parent=Smp_200110.1
SM_V9_1 Liftoff exon    72827384        72827540        .       +
        .       Parent=Smp_200110.1
SM_V9_1 Liftoff CDS     72809084        72809085        .       +
        0       Parent=Smp_200110.1
SM_V9_1 Liftoff CDS     72823758        72824069        .       +
        1       Parent=Smp_200110.1
SM_V9_1 Liftoff CDS     72827384        72827393        .       +
        1       Parent=Smp_200110.1
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SM_V9_1 iris    gene    72835436        72967440        .       +
       .
ID=Smp_157620;geneID=Smp_157620;gene_name=Smp_157620;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-07-18;date_crea
tion=2022-01-18
SM_V9_1 iris    mRNA    72835436        72967440        .       +
       .
ID=Smp_157620.1;Parent=Smp_157620;geneID=Smp_157620;gene_name=Smp_15
7620;owner=irisadmin@local.host;orig_id=Smp_157620.1;date_last_modif
ied=2022-07-18;Name=Smp_157620.1;product=Immunoglobulin superfamily
DCC subclass member 4;date_creation=2022-01-18
SM_V9_1 iris    exon    72835436        72835553        .       +
       .       Parent=Smp_157620.1;Name=0216dad9-ce22-44d8-
b961-4056f9cc87f2
SM_V9_1 iris    exon    72846483        72846618        .       +
       .       Parent=Smp_157620.1;Name=9cd09c46-e2cb-4d6d-
b002-8b8c1a8e427c
SM_V9_1 iris    exon    72856457        72856536        .       +
       .       Parent=Smp_157620.1;Name=cf13d308-786a-4f86-
adc6-7947a7a4693f
SM_V9_1 iris    exon    72872276        72872402        .       +
       .       Parent=Smp_157620.1;Name=4b7ab1b4-
ec67-4ae0-86cc-4ba18d717094
SM_V9_1 iris    exon    72878307        72878469        .       +
       .       Parent=Smp_157620.1;Name=4dcfa5de-
cedd-4cc1-89aa-470f2db124ad
SM_V9_1 iris    exon    72895649        72895970        .       +
       .
Parent=Smp_157620.1;Name=a3268e07-551f-4b00-8b40-826ad83b0ea6
SM_V9_1 iris    exon    72900959        72901007        .       +
       .       Parent=Smp_157620.1;Name=761bbee1-fe8a-4335-bd07-
c2f837b2282c
SM_V9_1 iris    exon    72905552        72905616        .       +
       .       Parent=Smp_157620.1;Name=01470307-a31d-4633-
a3a1-47dfec7f347e
SM_V9_1 iris    exon    72911544        72911673        .       +
       .
Parent=Smp_157620.1;Name=92635d51-7cba-4e02-86fa-06e348c97044
SM_V9_1 iris    exon    72914793        72915093        .       +
       .       Parent=Smp_157620.1;Name=281df747-dcf6-496c-86dd-
fd5c256435ac
SM_V9_1 iris    exon    72915440        72915611        .       +
       .
Parent=Smp_157620.1;Name=5456fe21-9ba5-48df-8b2c-946e337599b8
SM_V9_1 iris    exon    72917673        72917947        .       +
       .       Parent=Smp_157620.1;Name=b6086eff-9f98-483e-8f78-
e82c7d90af7d
SM_V9_1 iris    exon    72919287        72919590        .       +
       .
Parent=Smp_157620.1;Name=c744369b-5c6d-4db4-8925-626472f0827f
SM_V9_1 iris    exon    72925303        72925401        .       +
       .       Parent=Smp_157620.1;Name=f7a32ca1-9350-4909-8a00-
c8fc7dbc1626
SM_V9_1 iris    exon    72926462        72926941        .       +
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        .       Parent=Smp_157620.1;Name=2f53db29-509f-4e2e-
a8ec-63ee5af9a34b
SM_V9_1 iris    exon    72931969        72932397        .       +
        .       Parent=Smp_157620.1;Name=0a50ba74-
e9df-441c-9bd7-35505b0aec91
SM_V9_1 iris    exon    72945220        72945544        .       +
        .       Parent=Smp_157620.1;Name=f71c14ed-5168-45bf-
b223-81dce35b322e
SM_V9_1 iris    exon    72957690        72958282        .       +
        .
Parent=Smp_157620.1;Name=7c347cf5-5f57-4ecc-9753-068e81f940bf
SM_V9_1 iris    exon    72960067        72960618        .       +
        .
Parent=Smp_157620.1;Name=f417e223-3404-4ee2-9e9d-09596b238ff3
SM_V9_1 iris    exon    72962464        72962655        .       +
        .
Parent=Smp_157620.1;Name=5e17f881-252e-4d12-8089-6610aa4492ec
SM_V9_1 iris    exon    72964501        72964976        .       +
        .       Parent=Smp_157620.1;Name=da33b578-3839-4eb1-abdc-
a6c9e71e4708
SM_V9_1 iris    exon    72966350        72967440        .       +
        .       Parent=Smp_157620.1;Name=0e33f686-b24c-4679-
a553-3be409ac0ae8
SM_V9_1 iris    CDS     72835520        72835553        .       +
        0       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72846483        72846618        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72856457        72856536        .       +
        1       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72872276        72872402        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72878307        72878469        .       +
        1       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72895649        72895970        .       +
        0       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72900959        72901007        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72905552        72905616        .       +
        1       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72911544        72911673        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72914793        72915093        .       +
        1       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72915440        72915611        .       +
        0       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72917673        72917947        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72919287        72919590        .       +
        0       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72925303        72925401        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72926462        72926941        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72931969        72932397        .       +
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        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72945220        72945544        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72957690        72958282        .       +
        1       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72960067        72960618        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72962464        72962655        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72964501        72964976        .       +
        2       Parent=Smp_157620.1
SM_V9_1 iris    CDS     72966350        72966448        .       +
        0       Parent=Smp_157620.1
SM_V9_1 Liftoff gene    73038755        73040615        .       +
        .       ID=Smp_157640;geneID=Smp_157640
SM_V9_1 Liftoff mRNA    73038755        73040615        .       +
        .
ID=Smp_157640.1;Parent=Smp_157640;geneID=Smp_157640;product=FMRFamid
e receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    73038755        73040615        .       +
        .       Parent=Smp_157640.1
SM_V9_1 Liftoff CDS     73038861        73040342        .       +
        0       Parent=Smp_157640.1
SM_V9_1 Liftoff gene    73147364        73195761        .       -
        .       ID=Smp_170560;geneID=Smp_170560
SM_V9_1 Liftoff mRNA    73147364        73195761        .       -
        .
ID=Smp_170560.1;Parent=Smp_170560;geneID=Smp_170560;product=Parathyr
oid hormone/parathyroid hormone-related peptide
receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000832,IPR001879,IPR017
981,IPR017983
Pfam:PF00002,PF02793;Ontology_term=GO:0004888,GO:0004930,GO:0007166,
GO:0007186,GO:0016020,GO:0016021
SM_V9_1 Liftoff exon    73147364        73148261        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73149808        73149849        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73151237        73151396        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73154099        73154184        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73157896        73158035        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73163484        73163640        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73166127        73166229        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73169075        73169169        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73170795        73171054        .       -
        .       Parent=Smp_170560.1
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SM_V9_1 Liftoff exon    73176154        73176247        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff exon    73195045        73195761        .       -
        .       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73147959        73148261        .       -
        0       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73149808        73149849        .       -
        0       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73151237        73151396        .       -
        1       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73154099        73154184        .       -
        0       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73157896        73158035        .       -
        2       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73163484        73163640        .       -
        0       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73166127        73166229        .       -
        1       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73169075        73169169        .       -
        0       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73170795        73171054        .       -
        2       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73176154        73176247        .       -
        0       Parent=Smp_170560.1
SM_V9_1 Liftoff CDS     73195045        73195059        .       -
        0       Parent=Smp_170560.1
SM_V9_1 iris    gene    73261807        73278701        .       -
        .
ID=Smp_170570;geneID=Smp_170570;gene_name=Smp_170570;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    73261807        73278701        .       -
        .
ID=Smp_170570.1;Parent=Smp_170570;geneID=Smp_170570;gene_name=Smp_17
0570;owner=irisadmin@local.host;orig_id=Smp_170570.1;date_last_modif
ied=2022-07-18;Name=Smp_170570.1;product=Pre-mRNA-processing factor
39;date_creation=2022-07-18
SM_V9_1 iris    exon    73261807        73262172        .       -
        .       Parent=Smp_170570.1;Name=301c649b-9659-47ec-a161-
f4adf977ea1b
SM_V9_1 iris    exon    73262447        73262867        .       -
        .       Parent=Smp_170570.1;Name=4349b16a-8535-4cb6-953e-
c2a57ab21ee5
SM_V9_1 iris    exon    73264390        73264574        .       -
        .       Parent=Smp_170570.1;Name=4c187294-79bd-45f0-
a320-2fd9c5ead41e
SM_V9_1 iris    exon    73265371        73266360        .       -
        .       Parent=Smp_170570.1;Name=9375960f-6e84-4f13-9c32-
abd5ac3a1554
SM_V9_1 iris    exon    73268269        73268520        .       -
        .
Parent=Smp_170570.1;Name=ecd6587d-10d5-4766-9341-4699217c368e
SM_V9_1 iris    exon    73269085        73269369        .       -
        .       Parent=Smp_170570.1;Name=ac67c85f-af18-48d2-9c5c-
b6b1705fa149
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SM_V9_1 iris    exon    73269962        73270072        .       -
        .       Parent=Smp_170570.1;Name=669d198e-bb24-4121-
b442-9067ffdff199
SM_V9_1 iris    exon    73272374        73272554        .       -
        .       Parent=Smp_170570.1;Name=57e8c438-d06b-466c-ac7e-
c2911b3e9ef1
SM_V9_1 iris    exon    73275700        73275867        .       -
        .       Parent=Smp_170570.1;Name=2e673781-
a8a5-42e4-9b08-77c378672ce3
SM_V9_1 iris    exon    73275966        73276081        .       -
        .
Parent=Smp_170570.1;Name=d66425c6-3523-414c-9171-397c390e45ee
SM_V9_1 iris    exon    73278269        73278394        .       -
        .       Parent=Smp_170570.1;Name=074c49e7-d67b-4675-
a636-606daa14021b
SM_V9_1 iris    exon    73278429        73278701        .       -
        .       Parent=Smp_170570.1;Name=cbc49b90-b636-41e7-
ab25-4f14297aa58c
SM_V9_1 iris    CDS     73261960        73262172        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73262447        73262867        .       -
        1       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73264390        73264574        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73265371        73266360        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73268269        73268520        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73269085        73269369        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73269962        73270072        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73272374        73272554        .       -
        1       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73275700        73275867        .       -
        1       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73275966        73276081        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    CDS     73278269        73278394        .       -
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SM_V9_1 iris    CDS     73278429        73278518        .       -
        0       Parent=Smp_170570.1
SM_V9_1 iris    gene    73290887        73298735        .       -
        .
ID=Smp_170580;geneID=Smp_170580;gene_name=Smp_170580;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    73290887        73298735        .       -
        .
ID=Smp_170580.1;Parent=Smp_170580;geneID=Smp_170580;gene_name=Smp_17
0580;owner=irisadmin@local.host;orig_id=Smp_170580.1;date_last_modif
ied=2022-08-01;Name=Smp_170580.1;product=Bromodomain adjacent to
zinc finger domain protein 2A;date_creation=2022-07-29
SM_V9_1 iris    exon    73290887        73291076        .       -
        .       Parent=Smp_170580.1;Name=31fb4820-d67c-45cb-8832-
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abd54d05662e
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        .       Parent=Smp_170580.1;Name=4de5767b-1762-42de-
bf7d-7cca19cfe6fd
SM_V9_1 iris    exon    73293841        73293984        .       -
        .       Parent=Smp_170580.1;Name=48b73648-7702-4fb5-
ad1c-1c640f2eddb8
SM_V9_1 iris    exon    73298700        73298735        .       -
        .       Parent=Smp_170580.1;Name=49f9704a-78e9-4483-
b286-2629d4340fe2
SM_V9_1 iris    CDS     73290975        73291076        .       -
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SM_V9_1 iris    CDS     73291914        73292255        .       -
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SM_V9_1 iris    CDS     73293841        73293960        .       -
        0       Parent=Smp_170580.1
SM_V9_1 Liftoff gene    73303214        73348687        .       +
        .       ID=Smp_247380;geneID=Smp_247380
SM_V9_1 Liftoff mRNA    73303214        73348687        .       +
        .
ID=Smp_247380.1;Parent=Smp_247380;geneID=Smp_247380;product=Centroso
mal protein of 152 kDa
SM_V9_1 Liftoff exon    73303214        73303436        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73303472        73303642        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73305048        73305265        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73305631        73305740        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73306446        73306676        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73308384        73308635        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73309176        73309315        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73313984        73314184        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73315479        73315626        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73316916        73317007        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73327351        73327664        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73328440        73328746        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73328950        73329087        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73329178        73329413        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73331240        73331342        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73335792        73335851        .       +
        .       Parent=Smp_247380.1
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SM_V9_1 Liftoff exon    73336872        73336950        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73339241        73339332        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73342031        73342330        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73343407        73343803        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73345915        73346236        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73346865        73347249        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff exon    73347928        73348687        .       +
        .       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73303347        73303436        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73303472        73303642        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73305048        73305265        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73305631        73305740        .       +
        1       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73306446        73306676        .       +
        2       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73308384        73308635        .       +
        2       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73309176        73309315        .       +
        2       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73313984        73314184        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73315479        73315626        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73316916        73317007        .       +
        2       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73327351        73327664        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73328440        73328746        .       +
        1       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73328950        73329087        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73329178        73329413        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73331240        73331342        .       +
        1       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73335792        73335851        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73336872        73336950        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73339241        73339332        .       +
        2       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73342031        73342330        .       +
        0       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73343407        73343803        .       +
        0       Parent=Smp_247380.1
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SM_V9_1 Liftoff CDS     73345915        73346236        .       +
        2       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73346865        73347249        .       +
        1       Parent=Smp_247380.1
SM_V9_1 Liftoff CDS     73347928        73348230        .       +
        0       Parent=Smp_247380.1
SM_V9_1 iris    gene    73366267        73387431        .       +
        .
ID=Smp_247390;geneID=Smp_247390;gene_name=Smp_247390;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    73366267        73387431        .       +
        .
ID=Smp_247390.1;Parent=Smp_247390;geneID=Smp_247390;gene_name=Smp_24
7390;owner=irisadmin@local.host;orig_id=Smp_247390.1;date_last_modif
ied=2022-07-18;Name=Smp_247390.1;product=Zinc transporter
5;date_creation=2022-07-18
SM_V9_1 iris    exon    73366267        73366351        .       +
        .
Parent=Smp_247390.1;Name=f76896bd-866f-4ab0-9691-3baa6a3ff54c
SM_V9_1 iris    exon    73366389        73366511        .       +
        .       Parent=Smp_247390.1;Name=918b3c22-6808-4cd3-82db-
a8ac76e1dfb2
SM_V9_1 iris    exon    73366550        73366613        .       +
        .
Parent=Smp_247390.1;Name=77a876e2-27fc-4d25-974a-67eabe10aa46
SM_V9_1 iris    exon    73366648        73366733        .       +
        .       Parent=Smp_247390.1;Name=a81ee807-03b7-4398-bbb1-
d023c2526d70
SM_V9_1 iris    exon    73366768        73366852        .       +
        .       Parent=Smp_247390.1;Name=10b927ce-
b142-453b-9f42-6aae2638a9e4
SM_V9_1 iris    exon    73366889        73366973        .       +
        .       Parent=Smp_247390.1;Name=c76d7bec-8767-4801-9ab9-
c97b06cab2ec
SM_V9_1 iris    exon    73367721        73367797        .       +
        .       Parent=Smp_247390.1;Name=22a13f2d-f2a6-4a2f-840a-
fc4362d1f9b6
SM_V9_1 iris    exon    73369273        73369461        .       +
        .       Parent=Smp_247390.1;Name=827386e9-6cd0-4da0-
a937-6a8531d87755
SM_V9_1 iris    exon    73371128        73371354        .       +
        .
Parent=Smp_247390.1;Name=7ee45374-49d4-4863-89b1-46f79ae605cb
SM_V9_1 iris    exon    73373235        73373368        .       +
        .       Parent=Smp_247390.1;Name=cbdc8caf-7ece-429e-ab4d-
a45746289f42
SM_V9_1 iris    exon    73374951        73375195        .       +
        .       Parent=Smp_247390.1;Name=2fef37a4-2c9b-4a16-af63-
e6cc921bd218
SM_V9_1 iris    exon    73376839        73376996        .       +
        .       Parent=Smp_247390.1;Name=3afd9674-b806-4688-a801-
ed2d1cf05c0b
SM_V9_1 iris    exon    73379071        73379200        .       +
        .       Parent=Smp_247390.1;Name=832a7568-c8d7-456e-b9f9-
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fe724531f0f1
SM_V9_1 iris    exon    73380178        73380535        .       +
        .       Parent=Smp_247390.1;Name=5a4580ca-f0ee-4f49-8218-
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SM_V9_1 iris    exon    73382079        73382299        .       +
        .       Parent=Smp_247390.1;Name=f37ee1bb-
b1e3-46bb-8385-03b0359c0909
SM_V9_1 iris    exon    73383775        73383903        .       +
        .
Parent=Smp_247390.1;Name=7f13b6b0-515a-4dda-9be6-106bc5a7cfb8
SM_V9_1 iris    exon    73385919        73387431        .       +
        .       Parent=Smp_247390.1;Name=f5e97f49-a630-4b21-b04e-
a49a33133672
SM_V9_1 iris    CDS     73366299        73366351        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73366389        73366511        .       +
        1       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73366550        73366613        .       +
        1       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73366648        73366733        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73366768        73366852        .       +
        1       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73366889        73366973        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73367721        73367797        .       +
        2       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73369273        73369461        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73371128        73371354        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73373235        73373368        .       +
        1       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73374951        73375195        .       +
        2       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73376839        73376996        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73379071        73379200        .       +
        1       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73380178        73380535        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73382079        73382299        .       +
        2       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73383775        73383903        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    CDS     73385919        73386179        .       +
        0       Parent=Smp_247390.1
SM_V9_1 iris    gene    73393758        73453643        .       -
        .
ID=Smp_088920;geneID=Smp_088920;gene_name=Smp_088920;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    73393758        73453643        .       -
        .
ID=Smp_088920.1;Parent=Smp_088920;geneID=Smp_088920;gene_name=Smp_08
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ied=2022-07-18;Name=Smp_088920.1;product=Myosin light chain kinase,
smooth muscle;date_creation=2022-07-18
SM_V9_1 iris    exon    73393758        73394212        .       -
        .       Parent=Smp_088920.1;Name=d4cb84cb-a7b1-4c6c-ab28-
ce6443b71318
SM_V9_1 iris    exon    73396183        73396306        .       -
        .       Parent=Smp_088920.1;Name=7b0f589b-db11-4019-8e5c-
da3518876d00
SM_V9_1 iris    exon    73400927        73401106        .       -
        .       Parent=Smp_088920.1;Name=37dc3b43-d358-42d8-ad0e-
e11b621624df
SM_V9_1 iris    exon    73403511        73403849        .       -
        .       Parent=Smp_088920.1;Name=a0f02ba6-c810-4429-
b34b-6ed993d864ac
SM_V9_1 iris    exon    73405291        73405497        .       -
        .       Parent=Smp_088920.1;Name=7b30a7d3-9090-4f07-ad9e-
c2f036bfe596
SM_V9_1 iris    exon    73408087        73408183        .       -
        .       Parent=Smp_088920.1;Name=a9ba875d-bc4d-4cc3-b027-
a4eff3770d25
SM_V9_1 iris    exon    73410198        73412033        .       -
        .       Parent=Smp_088920.1;Name=be317c1f-f52b-4c1d-
a36b-20aab408012e
SM_V9_1 iris    exon    73415042        73415378        .       -
        .
Parent=Smp_088920.1;Name=2f638c6a-5a35-41d0-9b98-1bc21214a557
SM_V9_1 iris    exon    73417046        73417091        .       -
        .       Parent=Smp_088920.1;Name=95485de6-0f39-4617-8003-
ba56ea3fa72b
SM_V9_1 iris    exon    73418370        73418595        .       -
        .       Parent=Smp_088920.1;Name=0d3e3777-16f4-4f0a-
a4db-2eaff295f442
SM_V9_1 iris    exon    73418647        73419427        .       -
        .
Parent=Smp_088920.1;Name=5bbfa879-0005-44af-9008-13d21aa70f27
SM_V9_1 iris    exon    73420604        73421027        .       -
        .       Parent=Smp_088920.1;Name=5dd6eee3-1ca3-439f-
ba31-8d0bdcb47bc3
SM_V9_1 iris    exon    73453208        73453643        .       -
        .       Parent=Smp_088920.1;Name=0f9e2a5b-9eb3-4104-aaef-
fa66aa25e6d3
SM_V9_1 iris    CDS     73394141        73394212        .       -
        0       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73396183        73396306        .       -
        1       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73400927        73401106        .       -
        1       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73403511        73403849        .       -
        1       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73405291        73405497        .       -
        1       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73408087        73408183        .       -
        2       Parent=Smp_088920.1
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SM_V9_1 iris    CDS     73410198        73412033        .       -
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SM_V9_1 iris    CDS     73415042        73415378        .       -
        0       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73417046        73417091        .       -
        1       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73418370        73418595        .       -
        2       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73418647        73419427        .       -
        0       Parent=Smp_088920.1
SM_V9_1 iris    CDS     73420604        73421026        .       -
        0       Parent=Smp_088920.1
SM_V9_1 iris    gene    73466630        73483422        .       +
        .
ID=Smp_088940;geneID=Smp_088940;gene_name=Smp_088940;owner=irisadmin
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SM_V9_1 iris    mRNA    73466630        73483422        .       +
        .
ID=Smp_088940.1;Parent=Smp_088940;geneID=Smp_088940;gene_name=Smp_08
8940;owner=irisadmin@local.host;orig_id=Smp_088940.1;date_last_modif
ied=2022-07-18;Name=Smp_088940.1;product=Zinc finger C2HC domain-
containing protein 1A;date_creation=2022-07-18
SM_V9_1 iris    exon    73466630        73466930        .       +
        .       Parent=Smp_088940.1;Name=a7f5249d-ec8d-449c-b4c2-
bae6711eaf6d
SM_V9_1 iris    exon    73466969        73467042        .       +
        .
Parent=Smp_088940.1;Name=777d52c7-5589-445d-845f-413d1733422a
SM_V9_1 iris    exon    73471711        73472005        .       +
        .       Parent=Smp_088940.1;Name=69b2beec-c961-4abb-af5a-
fcb446ab8816
SM_V9_1 iris    exon    73478066        73478223        .       +
        .
Parent=Smp_088940.1;Name=553a2129-186a-4ee9-9a5d-809d83523cf9
SM_V9_1 iris    exon    73479586        73479760        .       +
        .       Parent=Smp_088940.1;Name=2c2d8c92-0daf-4cf7-
bad1-7551a6968be0
SM_V9_1 iris    exon    73480745        73480806        .       +
        .       Parent=Smp_088940.1;Name=c7a88443-47b3-4105-
b033-07bebc5ba676
SM_V9_1 iris    exon    73481752        73481837        .       +
        .       Parent=Smp_088940.1;Name=635a4fd6-6443-4cb2-
b3ca-5852cd87c078
SM_V9_1 iris    exon    73482605        73483422        .       +
        .       Parent=Smp_088940.1;Name=d3240bc2-
cd06-4e22-92fb-9c95ad6b54e0
SM_V9_1 iris    CDS     73466924        73466930        .       +
        0       Parent=Smp_088940.1
SM_V9_1 iris    CDS     73466969        73467042        .       +
        2       Parent=Smp_088940.1
SM_V9_1 iris    CDS     73471711        73472005        .       +
        0       Parent=Smp_088940.1
SM_V9_1 iris    CDS     73478066        73478223        .       +
        2       Parent=Smp_088940.1
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SM_V9_1 iris    CDS     73479586        73479760        .       +
        0       Parent=Smp_088940.1
SM_V9_1 iris    CDS     73480745        73480806        .       +
        2       Parent=Smp_088940.1
SM_V9_1 iris    CDS     73481752        73481837        .       +
        0       Parent=Smp_088940.1
SM_V9_1 iris    CDS     73482605        73482767        .       +
        1       Parent=Smp_088940.1
SM_V9_1 iris    gene    73486867        73508563        .       -
        .
ID=Smp_088950;geneID=Smp_088950;gene_name=Smp_088950;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    73486867        73508563        .       -
        .
ID=Smp_088950.1;Parent=Smp_088950;geneID=Smp_088950;gene_name=Smp_08
8950;owner=irisadmin@local.host;orig_id=Smp_088950.2;date_last_modif
ied=2022-07-18;Name=Smp_088950.1;product=Hypoxia up-regulated
protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    73486867        73487172        .       -
        .       Parent=Smp_088950.1;Name=f938efcf-ee94-4cea-
a042-794b6abdeeb4
SM_V9_1 iris    exon    73488156        73488260        .       -
        .
Parent=Smp_088950.1;Name=0f8d9174-4724-43d0-8e17-5ba923da85d4
SM_V9_1 iris    exon    73489300        73489504        .       -
        .
Parent=Smp_088950.1;Name=1d0ee1d5-3677-4e73-9827-48f8bfd97fc3
SM_V9_1 iris    exon    73490332        73490643        .       -
        .       Parent=Smp_088950.1;Name=f993ff70-f03c-49ce-8f37-
c4b120cfc5cc
SM_V9_1 iris    exon    73492443        73492650        .       -
        .       Parent=Smp_088950.1;Name=b374952d-5aea-448e-b8c0-
fe2908b44dea
SM_V9_1 iris    exon    73493224        73493318        .       -
        .       Parent=Smp_088950.1;Name=f1a0ea75-170e-4c17-b574-
e7bba51eb2e1
SM_V9_1 iris    exon    73495424        73495575        .       -
        .       Parent=Smp_088950.1;Name=1f3faacb-dae2-4ef3-
bd8f-0397e3cc6b1d
SM_V9_1 iris    exon    73496048        73496265        .       -
        .       Parent=Smp_088950.1;Name=f64115da-8e4d-42d2-
a210-80cf2bdedb6e
SM_V9_1 iris    exon    73496998        73497206        .       -
        .       Parent=Smp_088950.1;Name=b7ec703b-afc0-4bc0-b87b-
c16b86c5968e
SM_V9_1 iris    exon    73497811        73497943        .       -
        .
Parent=Smp_088950.1;Name=ad6fe76a-2884-428e-93b8-29c384eabc6b
SM_V9_1 iris    exon    73499015        73499226        .       -
        .       Parent=Smp_088950.1;Name=3251f86a-c199-4a51-
a130-579d4c4f743d
SM_V9_1 iris    exon    73499922        73500111        .       -
        .
Parent=Smp_088950.1;Name=ae3671f2-74ac-4816-8a6d-2b8fa0c3deb4
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SM_V9_1 iris    exon    73500877        73500949        .       -
        .       Parent=Smp_088950.1;Name=5bff0c0a-f0ea-455c-
b3cc-76f039c4948d
SM_V9_1 iris    exon    73502991        73503224        .       -
        .       Parent=Smp_088950.1;Name=b443d09e-e901-4dec-938c-
b1b934ae1684
SM_V9_1 iris    exon    73504395        73504626        .       -
        .       Parent=Smp_088950.1;Name=51c622b6-4349-4287-9df9-
b70524ca396b
SM_V9_1 iris    exon    73508056        73508134        .       -
        .       Parent=Smp_088950.1;Name=1313e2bc-
d147-4260-85fb-4940d22379e6
SM_V9_1 iris    exon    73508167        73508198        .       -
        .       Parent=Smp_088950.1;Name=16241ebc-1afb-40a6-ae8e-
cca7dc744b7f
SM_V9_1 iris    exon    73508243        73508304        .       -
        .
Parent=Smp_088950.1;Name=78445532-3467-474d-972d-4f6c260878cc
SM_V9_1 iris    exon    73508338        73508563        .       -
        .       Parent=Smp_088950.1;Name=66178555-1573-412d-
b500-6c0bcce4f962
SM_V9_1 iris    CDS     73487150        73487172        .       -
        2       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73488156        73488260        .       -
        2       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73489300        73489504        .       -
        0       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73490332        73490643        .       -
        0       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73492443        73492650        .       -
        1       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73493224        73493318        .       -
        0       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73495424        73495575        .       -
        2       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73496048        73496265        .       -
        1       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73496998        73497206        .       -
        0       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73497811        73497943        .       -
        1       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73499015        73499226        .       -
        0       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73499922        73500111        .       -
        1       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73500877        73500949        .       -
        2       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73502991        73503224        .       -
        2       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73504395        73504626        .       -
        0       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73508056        73508134        .       -
        1       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73508167        73508198        .       -
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        0       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73508243        73508304        .       -
        2       Parent=Smp_088950.1
SM_V9_1 iris    CDS     73508338        73508383        .       -
        0       Parent=Smp_088950.1
SM_V9_1 iris    mRNA    73486867        73508563        .       -
        .
ID=Smp_088950.2;Parent=Smp_088950;geneID=Smp_088950;gene_name=Smp_08
8950;owner=irisadmin@local.host;orig_id=Smp_088950.1;date_last_modif
ied=2022-07-18;Name=Smp_088950.2;product=Hypoxia up-regulated
protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    73486867        73487172        .       -
        .       Parent=Smp_088950.2;Name=6c9d8138-4ae3-4aa3-b547-
d47832c510b0
SM_V9_1 iris    exon    73488156        73488260        .       -
        .       Parent=Smp_088950.2;Name=7c71d0d8-
f0ee-4553-91cd-8aec0a0a474c
SM_V9_1 iris    exon    73489300        73489504        .       -
        .       Parent=Smp_088950.2;Name=8acdc78a-3efd-4ee9-
beb7-1b2975584b16
SM_V9_1 iris    exon    73490332        73490643        .       -
        .       Parent=Smp_088950.2;Name=317b6450-f81c-4c91-
a2ff-3c19dceb569c
SM_V9_1 iris    exon    73492443        73492650        .       -
        .
Parent=Smp_088950.2;Name=a09e9b1b-71b2-4ee1-8965-8442860bf50d
SM_V9_1 iris    exon    73493224        73493318        .       -
        .       Parent=Smp_088950.2;Name=e02b95c3-1252-475b-
b03b-9dbb5ac7fe77
SM_V9_1 iris    exon    73493615        73493692        .       -
        .
Parent=Smp_088950.2;Name=0e75560a-84ed-4ec1-9684-2184fb66ae2e
SM_V9_1 iris    exon    73495424        73495575        .       -
        .       Parent=Smp_088950.2;Name=bdee2e3a-eb4d-42b4-
ae54-5c58f40be283
SM_V9_1 iris    exon    73496048        73496265        .       -
        .
Parent=Smp_088950.2;Name=68824f68-233e-4355-9048-8765f7ef0e46
SM_V9_1 iris    exon    73496998        73497206        .       -
        .       Parent=Smp_088950.2;Name=595811d7-140c-444d-
a39c-2ed9b2392a2c
SM_V9_1 iris    exon    73497811        73497943        .       -
        .       Parent=Smp_088950.2;Name=a08425bb-15c7-40bd-
b51e-8fb2424dc1c9
SM_V9_1 iris    exon    73499015        73499226        .       -
        .       Parent=Smp_088950.2;Name=3736162d-13f4-41d2-8980-
aa7086647509
SM_V9_1 iris    exon    73499922        73500111        .       -
        .       Parent=Smp_088950.2;Name=e6644e02-f5cc-4c36-
b219-6826d9eaf4ec
SM_V9_1 iris    exon    73500877        73500949        .       -
        .
Parent=Smp_088950.2;Name=a54a0418-2729-487a-9632-50be43561216
SM_V9_1 iris    exon    73502991        73503224        .       -
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        .       Parent=Smp_088950.2;Name=b6b6a0f8-8994-433a-
bb71-664a82bf3daa
SM_V9_1 iris    exon    73504395        73504626        .       -
        .       Parent=Smp_088950.2;Name=1148cb14-3b27-4e9d-
b905-6ed31e0d04a3
SM_V9_1 iris    exon    73508056        73508134        .       -
        .       Parent=Smp_088950.2;Name=57de610c-a588-479f-a714-
cf953ac0f9ff
SM_V9_1 iris    exon    73508167        73508198        .       -
        .       Parent=Smp_088950.2;Name=76991252-5f8a-48ee-
ad55-2c3078902f4a
SM_V9_1 iris    exon    73508243        73508304        .       -
        .       Parent=Smp_088950.2;Name=d2af4618-
e881-4084-8da1-7a82205d5a97
SM_V9_1 iris    exon    73508338        73508563        .       -
        .       Parent=Smp_088950.2;Name=a08fcf80-59f4-4a9b-
b7a1-6d14c14a3b60
SM_V9_1 iris    CDS     73487150        73487172        .       -
        2       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73488156        73488260        .       -
        2       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73489300        73489504        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73490332        73490643        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73492443        73492650        .       -
        1       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73493224        73493318        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73493615        73493692        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73495424        73495575        .       -
        2       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73496048        73496265        .       -
        1       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73496998        73497206        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73497811        73497943        .       -
        1       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73499015        73499226        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73499922        73500111        .       -
        1       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73500877        73500949        .       -
        2       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73502991        73503224        .       -
        2       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73504395        73504626        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73508056        73508134        .       -
        1       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73508167        73508198        .       -
        0       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73508243        73508304        .       -
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        2       Parent=Smp_088950.2
SM_V9_1 iris    CDS     73508338        73508383        .       -
        0       Parent=Smp_088950.2
SM_V9_1 Liftoff gene    73522887        73539543        .       +
        .       ID=Smp_170600;geneID=Smp_170600
SM_V9_1 Liftoff mRNA    73522887        73539543        .       +
        .
ID=Smp_170600.1;Parent=Smp_170600;geneID=Smp_170600;product=Sperm-
associated antigen 8
SM_V9_1 Liftoff exon    73522887        73522943        .       +
        .       Parent=Smp_170600.1
SM_V9_1 Liftoff exon    73522986        73523025        .       +
        .       Parent=Smp_170600.1
SM_V9_1 Liftoff exon    73523067        73523181        .       +
        .       Parent=Smp_170600.1
SM_V9_1 Liftoff exon    73532533        73532595        .       +
        .       Parent=Smp_170600.1
SM_V9_1 Liftoff exon    73539231        73539543        .       +
        .       Parent=Smp_170600.1
SM_V9_1 Liftoff CDS     73522916        73522943        .       +
        0       Parent=Smp_170600.1
SM_V9_1 Liftoff CDS     73522986        73523025        .       +
        2       Parent=Smp_170600.1
SM_V9_1 Liftoff CDS     73523067        73523181        .       +
        1       Parent=Smp_170600.1
SM_V9_1 Liftoff CDS     73532533        73532595        .       +
        0       Parent=Smp_170600.1
SM_V9_1 Liftoff CDS     73539231        73539353        .       +
        0       Parent=Smp_170600.1
SM_V9_1 Liftoff gene    73602897        73604978        .       -
        .       ID=Smp_170610;geneID=Smp_170610
SM_V9_1 Liftoff mRNA    73602897        73604978        .       -
        .
ID=Smp_170610.1;Parent=Smp_170610;geneID=Smp_170610;product=C-C
chemokine receptor type
2;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    73602897        73604978        .       -
        .       Parent=Smp_170610.1
SM_V9_1 Liftoff CDS     73603446        73604804        .       -
        0       Parent=Smp_170610.1
SM_V9_1 Liftoff gene    73672801        73676375        .       -
        .       ID=Smp_170620;geneID=Smp_170620
SM_V9_1 Liftoff mRNA    73672801        73676375        .       -
        .
ID=Smp_170620.1;Parent=Smp_170620;geneID=Smp_170620;product=Nematoci
n receptor
2;polypeptide_domain=InterPro:IPR017452;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    73672801        73676375        .       -
        .       Parent=Smp_170620.1
SM_V9_1 Liftoff CDS     73673636        73676344        .       -
        0       Parent=Smp_170620.1
SM_V9_1 Liftoff gene    73775929        73779926        .       +
        .       ID=Smp_179180;geneID=Smp_179180
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SM_V9_1 Liftoff mRNA    73775929        73779926        .       +
        .
ID=Smp_179180.1;Parent=Smp_179180;geneID=Smp_179180;product=40S
ribosomal protein
SA;polypeptide_domain=InterPro:IPR001865,IPR005707,IPR018130,IPR0235
91,IPR027498
Pfam:PF00318;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12,GO:0015935
SM_V9_1 Liftoff exon    73775929        73776325        .       +
        .       Parent=Smp_179180.1
SM_V9_1 Liftoff exon    73776357        73776515        .       +
        .       Parent=Smp_179180.1
SM_V9_1 Liftoff exon    73776549        73776732        .       +
        .       Parent=Smp_179180.1
SM_V9_1 Liftoff exon    73779002        73779926        .       +
        .       Parent=Smp_179180.1
SM_V9_1 Liftoff CDS     73775987        73776325        .       +
        0       Parent=Smp_179180.1
SM_V9_1 Liftoff CDS     73776357        73776515        .       +
        0       Parent=Smp_179180.1
SM_V9_1 Liftoff CDS     73776549        73776732        .       +
        0       Parent=Smp_179180.1
SM_V9_1 Liftoff CDS     73779002        73779159        .       +
        2       Parent=Smp_179180.1
SM_V9_1 iris    gene    73792809        73819927        .       +
        .
ID=Smp_166370;geneID=Smp_166370;gene_name=Smp_166370;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    73792809        73819927        .       +
        .
ID=Smp_166370.1;Parent=Smp_166370;geneID=Smp_166370;gene_name=Smp_16
6370;owner=irisadmin@local.host;orig_id=Smp_166370.1;date_last_modif
ied=2022-07-18;Name=Smp_166370.1;product=Coiled-coil domain-
containing protein 186;date_creation=2022-07-18
SM_V9_1 iris    exon    73792809        73792845        .       +
        .
Parent=Smp_166370.1;Name=a56f5b9d-2b95-4f5f-8e53-533b67c83dc1
SM_V9_1 iris    exon    73797108        73797974        .       +
        .
Parent=Smp_166370.1;Name=281706ab-0db7-4411-868a-0ce474464573
SM_V9_1 iris    exon    73800808        73801041        .       +
        .       Parent=Smp_166370.1;Name=3c3451fc-bbb3-4dbf-
bdae-1cf502223610
SM_V9_1 iris    exon    73805638        73805835        .       +
        .       Parent=Smp_166370.1;Name=6aa81835-a3ee-4429-
aa00-61b367796626
SM_V9_1 iris    exon    73808575        73808750        .       +
        .       Parent=Smp_166370.1;Name=1428fae9-7266-4ee5-81a4-
dc2f355026f3
SM_V9_1 iris    exon    73809940        73810225        .       +
        .       Parent=Smp_166370.1;Name=808626d6-f36e-4a4f-
bf77-2b087edde038
SM_V9_1 iris    exon    73811906        73812187        .       +
        .       Parent=Smp_166370.1;Name=1f33f0cf-6a53-416c-
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b53f-32a1251dca95
SM_V9_1 iris    exon    73814932        73815228        .       +
        .       Parent=Smp_166370.1;Name=7aca4c29-e8ac-4ca5-bcdd-
eaf067fa6d78
SM_V9_1 iris    exon    73816693        73816926        .       +
        .
Parent=Smp_166370.1;Name=198b3af8-42e5-412a-8c27-8dc7ec090a74
SM_V9_1 iris    exon    73818969        73819927        .       +
        .       Parent=Smp_166370.1;Name=92acddac-ac77-4040-bf98-
e26b8eee9579
SM_V9_1 iris    CDS     73797327        73797974        .       +
        0       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73800808        73801041        .       +
        0       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73805638        73805835        .       +
        0       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73808575        73808750        .       +
        0       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73809940        73810225        .       +
        1       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73811906        73812187        .       +
        0       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73814932        73815228        .       +
        0       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73816693        73816926        .       +
        0       Parent=Smp_166370.1
SM_V9_1 iris    CDS     73818969        73819184        .       +
        0       Parent=Smp_166370.1
SM_V9_1 Liftoff gene    73827179        73831843        .       +
        .       ID=Smp_334920;geneID=Smp_334920
SM_V9_1 Liftoff mRNA    73827179        73831843        .       +
        .
ID=Smp_334920.1;Parent=Smp_334920;geneID=Smp_334920;product=Isochori
smatase family protein 1A
SM_V9_1 Liftoff exon    73827179        73827263        .       +
        .       Parent=Smp_334920.1
SM_V9_1 Liftoff exon    73830417        73830514        .       +
        .       Parent=Smp_334920.1
SM_V9_1 Liftoff exon    73831617        73831843        .       +
        .       Parent=Smp_334920.1
SM_V9_1 Liftoff CDS     73827227        73827263        .       +
        0       Parent=Smp_334920.1
SM_V9_1 Liftoff CDS     73830417        73830514        .       +
        2       Parent=Smp_334920.1
SM_V9_1 Liftoff CDS     73831617        73831832        .       +
        0       Parent=Smp_334920.1
SM_V9_1 Liftoff mRNA    73827179        73831843        .       +
        .
ID=Smp_334920.2;Parent=Smp_334920;geneID=Smp_334920;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    73827179        73827263        .       +
        .       Parent=Smp_334920.2
SM_V9_1 Liftoff exon    73830205        73831843        .       +
        .       Parent=Smp_334920.2
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```
SM_V9_1 Liftoff CDS     73827227        73827263        .       +
        0       Parent=Smp_334920.2
SM_V9_1 Liftoff CDS     73830205        73830209        .       +
        2       Parent=Smp_334920.2
SM_V9_1 Liftoff gene    73850139        73855545        .       +
        .
ID=Smp_348070;geneID=Smp_348070;previous_systematic_id=Smp_081920
SM_V9_1 Liftoff mRNA    73850139        73855545        .       +
        .
ID=Smp_348070.1;Parent=Smp_348070;geneID=Smp_348070;product=SmCD59.5
;evidence=Traceable Author
Statement;literature=PMID:24205416,26147973
SM_V9_1 Liftoff exon    73850139        73851413        .       +
        .       Parent=Smp_348070.1
SM_V9_1 Liftoff exon    73854532        73854629        .       +
        .       Parent=Smp_348070.1
SM_V9_1 Liftoff exon    73855062        73855545        .       +
        .       Parent=Smp_348070.1
SM_V9_1 Liftoff CDS     73851347        73851413        .       +
        0       Parent=Smp_348070.1
SM_V9_1 Liftoff CDS     73854532        73854629        .       +
        2       Parent=Smp_348070.1
SM_V9_1 Liftoff CDS     73855062        73855184        .       +
        0       Parent=Smp_348070.1
SM_V9_1 Liftoff gene    73866592        73870862        .       +
        .       ID=Smp_166350;geneID=Smp_166350
SM_V9_1 Liftoff mRNA    73866592        73870862        .       +
        .
ID=Smp_166350.1;Parent=Smp_166350;geneID=Smp_166350;product=SmCD59.6
;evidence=Traceable Author
Statement;literature=PMID:24205416,26147973
SM_V9_1 Liftoff exon    73866592        73866746        .       +
        .       Parent=Smp_166350.1
SM_V9_1 Liftoff exon    73868788        73868885        .       +
        .       Parent=Smp_166350.1
SM_V9_1 Liftoff exon    73870489        73870862        .       +
        .       Parent=Smp_166350.1
SM_V9_1 Liftoff CDS     73866686        73866746        .       +
        0       Parent=Smp_166350.1
SM_V9_1 Liftoff CDS     73868788        73868885        .       +
        2       Parent=Smp_166350.1
SM_V9_1 Liftoff CDS     73870489        73870695        .       +
        0       Parent=Smp_166350.1
SM_V9_1 iris    gene    73878029        73885029        .       +
        .
ID=Smp_166340;geneID=Smp_166340;gene_name=Smp_166340;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    73878029        73885029        .       +
        .
ID=Smp_166340.1;Parent=Smp_166340;geneID=Smp_166340;gene_name=Smp_16
6340;owner=irisadmin@local.host;orig_id=Smp_166340.1;date_last_modif
ied=2022-07-18;Name=Smp_166340.1;product=CD59
glycoprotein;date_creation=2022-07-18
SM_V9_1 iris    exon    73878029        73878158        .       +
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        .       Parent=Smp_166340.1;Name=0faebcd7-e5a0-4e21-
a330-929c619d6a53
SM_V9_1 iris    exon    73881666        73881763        .       +
        .       Parent=Smp_166340.1;Name=77161586-0cb0-4bac-a0a2-
be06dbbd81a7
SM_V9_1 iris    exon    73884516        73885029        .       +
        .       Parent=Smp_166340.1;Name=cd04aa9b-bbd3-4233-8e7a-
b15efff33959
SM_V9_1 iris    CDS     73878107        73878158        .       +
        0       Parent=Smp_166340.1
SM_V9_1 iris    CDS     73881666        73881763        .       +
        2       Parent=Smp_166340.1
SM_V9_1 iris    CDS     73884516        73884722        .       +
        0       Parent=Smp_166340.1
SM_V9_1 Liftoff gene    73890493        73892260        .       +
        .       ID=Smp_081900;geneID=Smp_081900
SM_V9_1 Liftoff mRNA    73890493        73892260        .       +
        .
ID=Smp_081900.1;Parent=Smp_081900;geneID=Smp_081900;product=Long
neurotoxin homolog NTL2
SM_V9_1 Liftoff exon    73890493        73890611        .       +
        .       Parent=Smp_081900.1
SM_V9_1 Liftoff exon    73890993        73891087        .       +
        .       Parent=Smp_081900.1
SM_V9_1 Liftoff exon    73891794        73892260        .       +
        .       Parent=Smp_081900.1
SM_V9_1 Liftoff CDS     73890551        73890611        .       +
        0       Parent=Smp_081900.1
SM_V9_1 Liftoff CDS     73890993        73891087        .       +
        2       Parent=Smp_081900.1
SM_V9_1 Liftoff CDS     73891794        73892003        .       +
        0       Parent=Smp_081900.1
SM_V9_1 Liftoff gene    73904828        73908466        .       -
        .       ID=Smp_320100;geneID=Smp_320100
SM_V9_1 Liftoff mRNA    73904828        73908466        .       -
        .
ID=Smp_320100.1;Parent=Smp_320100;geneID=Smp_320100;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    73904828        73905064        .       -
        .       Parent=Smp_320100.1
SM_V9_1 Liftoff exon    73907554        73907651        .       -
        .       Parent=Smp_320100.1
SM_V9_1 Liftoff exon    73908255        73908466        .       -
        .       Parent=Smp_320100.1
SM_V9_1 Liftoff CDS     73904858        73905064        .       -
        0       Parent=Smp_320100.1
SM_V9_1 Liftoff CDS     73907554        73907651        .       -
        2       Parent=Smp_320100.1
SM_V9_1 Liftoff CDS     73908255        73908315        .       -
        0       Parent=Smp_320100.1
SM_V9_1 Liftoff gene    73918832        73925136        .       -
        .       ID=Smp_320110;geneID=Smp_320110
SM_V9_1 Liftoff mRNA    73918832        73925136        .       -
        .
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ID=Smp_320110.1;Parent=Smp_320110;geneID=Smp_320110;product=Ly6/
PLAUR domain-containing protein 2
SM_V9_1 Liftoff exon    73918832        73919071        .       -
        .       Parent=Smp_320110.1
SM_V9_1 Liftoff exon    73921542        73921639        .       -
        .       Parent=Smp_320110.1
SM_V9_1 Liftoff exon    73924887        73925136        .       -
        .       Parent=Smp_320110.1
SM_V9_1 Liftoff CDS     73918865        73919071        .       -
        0       Parent=Smp_320110.1
SM_V9_1 Liftoff CDS     73921542        73921639        .       -
        2       Parent=Smp_320110.1
SM_V9_1 Liftoff CDS     73924887        73924947        .       -
        0       Parent=Smp_320110.1
SM_V9_1 Liftoff gene    73934320        73938595        .       -
        .       ID=Smp_166320;geneID=Smp_166320
SM_V9_1 Liftoff mRNA    73934320        73938595        .       -
        .
ID=Smp_166320.1;Parent=Smp_166320;geneID=Smp_166320;product=Membrane
alanyl aminopeptidase (Fragment)
SM_V9_1 Liftoff exon    73934320        73935374        .       -
        .       Parent=Smp_166320.1
SM_V9_1 Liftoff exon    73938463        73938595        .       -
        .       Parent=Smp_166320.1
SM_V9_1 Liftoff CDS     73934765        73935374        .       -
        1       Parent=Smp_166320.1
SM_V9_1 Liftoff CDS     73938463        73938566        .       -
        0       Parent=Smp_166320.1
SM_V9_1 iris    gene    73951709        74010547        .       +
        .
ID=Smp_104030;geneID=Smp_104030;gene_name=Smp_104030;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    73951709        74010547        .       +
        .
ID=Smp_104030.1;Parent=Smp_104030;geneID=Smp_104030;gene_name=Smp_10
4030;owner=irisadmin@local.host;orig_id=Smp_104030.1;date_last_modif
ied=2022-07-18;Name=Smp_104030.1;product=Protein
lap4;date_creation=2022-07-18
SM_V9_1 iris    exon    73951709        73951905        .       +
        .       Parent=Smp_104030.1;Name=0d3bbcd5-653e-43fd-90e3-
ad0f42aa3277
SM_V9_1 iris    exon    73951982        73952099        .       +
        .
Parent=Smp_104030.1;Name=4c8e50d8-6b66-4c5d-8966-3ab60fb68374
SM_V9_1 iris    exon    73952135        73952213        .       +
        .       Parent=Smp_104030.1;Name=8a2d2454-d3f8-4cdd-
a41f-052b0e3e07e2
SM_V9_1 iris    exon    73954507        73954596        .       +
        .
Parent=Smp_104030.1;Name=5518afa8-01ec-4bc6-8944-33a443b56749
SM_V9_1 iris    exon    73955951        73956071        .       +
        .       Parent=Smp_104030.1;Name=bf653b84-c858-4787-aae5-
a0390d9a38c6
SM_V9_1 iris    exon    73956536        73956610        .       +
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        .
Parent=Smp_104030.1;Name=9df8f42e-3b85-4ca8-81aa-099d1d891214
SM_V9_1 iris    exon    73957302        73957446        .       +
        .       Parent=Smp_104030.1;Name=8d7fa4bc-e8a7-4dea-8c1e-
f612b1aa12d1
SM_V9_1 iris    exon    73959271        73959343        .       +
        .       Parent=Smp_104030.1;Name=5bd5a70a-0480-4dcb-b938-
ad8d6b560135
SM_V9_1 iris    exon    73960413        73960458        .       +
        .       Parent=Smp_104030.1;Name=feb1e484-b60c-4d1c-8ad2-
e9ed55927c2e
SM_V9_1 iris    exon    73962674        73962757        .       +
        .       Parent=Smp_104030.1;Name=bc084bad-469d-43b6-b442-
fc87ef66eb22
SM_V9_1 iris    exon    73966879        73966994        .       +
        .       Parent=Smp_104030.1;Name=959d0d75-e72f-41a9-826d-
abaddff71c77
SM_V9_1 iris    exon    73969491        73969666        .       +
        .       Parent=Smp_104030.1;Name=b5ca03b7-e9bc-4bbc-8240-
d7bed84b9932
SM_V9_1 iris    exon    73974068        73974561        .       +
        .       Parent=Smp_104030.1;Name=a867430a-7f38-43d9-b0d0-
eb7030d67dff
SM_V9_1 iris    exon    73975768        73975878        .       +
        .       Parent=Smp_104030.1;Name=ad799c52-68ad-41c2-
bcc2-10e7da923755
SM_V9_1 iris    exon    73978018        73978256        .       +
        .       Parent=Smp_104030.1;Name=52e7d0ab-0516-457e-
b8eb-5871c51df776
SM_V9_1 iris    exon    73981127        73981388        .       +
        .
Parent=Smp_104030.1;Name=73766377-9dea-4979-9258-1ef2db15e270
SM_V9_1 iris    exon    73984963        73985107        .       +
        .
Parent=Smp_104030.1;Name=2e50ce44-3d59-410c-91d6-9913d688608f
SM_V9_1 iris    exon    73986872        73986954        .       +
        .       Parent=Smp_104030.1;Name=fafdf697-5f1d-4c15-987a-
ee91d0919a94
SM_V9_1 iris    exon    73989137        73989442        .       +
        .
Parent=Smp_104030.1;Name=8b19f94f-5090-4910-93ed-585230d0f0df
SM_V9_1 iris    exon    73989560        73989745        .       +
        .       Parent=Smp_104030.1;Name=6e8412af-21ed-4cd3-
af9c-2d59f368e5f9
SM_V9_1 iris    exon    73995994        73996029        .       +
        .       Parent=Smp_104030.1;Name=64e37980-021d-4160-be58-
de06305d31ea
SM_V9_1 iris    exon    73999595        73999687        .       +
        .       Parent=Smp_104030.1;Name=484804b1-4806-4752-
bbfa-1ddd4c7410d1
SM_V9_1 iris    exon    74005571        74005651        .       +
        .       Parent=Smp_104030.1;Name=212c64b7-cba9-47ae-
ad67-29a9588a3ed4
SM_V9_1 iris    exon    74006293        74006431        .       +
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        .       Parent=Smp_104030.1;Name=73a1f5c1-32a4-4ae6-
b115-66cf38f00765
SM_V9_1 iris    exon    74006993        74007267        .       +
        .       Parent=Smp_104030.1;Name=56b43feb-
bbb6-4465-8260-045866227b44
SM_V9_1 iris    exon    74008148        74008324        .       +
        .       Parent=Smp_104030.1;Name=cd97193d-
afd8-4f83-8e5d-5a37a31542c0
SM_V9_1 iris    exon    74008404        74008658        .       +
        .
Parent=Smp_104030.1;Name=f837aa6b-40e8-4f84-87e5-59fc72deb960
SM_V9_1 iris    exon    74009544        74009783        .       +
        .       Parent=Smp_104030.1;Name=70f7922a-816d-4eab-
a689-4be8bed06935
SM_V9_1 iris    exon    74010210        74010547        .       +
        .       Parent=Smp_104030.1;Name=4f28ed30-6cf2-4c6a-b12a-
c94cb14f8d9f
SM_V9_1 iris    CDS     73951744        73951905        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73951982        73952099        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73952135        73952213        .       +
        2       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73954507        73954596        .       +
        1       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73955951        73956071        .       +
        1       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73956536        73956610        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73957302        73957446        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73959271        73959343        .       +
        2       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73960413        73960458        .       +
        1       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73962674        73962757        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73966879        73966994        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73969491        73969666        .       +
        1       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73974068        73974561        .       +
        2       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73975768        73975878        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73978018        73978256        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73981127        73981388        .       +
        1       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73984963        73985107        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73986872        73986954        .       +
        2       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73989137        73989442        .       +
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        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73989560        73989745        .       +
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SM_V9_1 iris    CDS     73995994        73996029        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     73999595        73999687        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     74005571        74005651        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     74006293        74006431        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     74006993        74007267        .       +
        2       Parent=Smp_104030.1
SM_V9_1 iris    CDS     74008148        74008324        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     74008404        74008658        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     74009544        74009783        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    CDS     74010210        74010230        .       +
        0       Parent=Smp_104030.1
SM_V9_1 iris    gene    74010550        74027681        .       -
        .
ID=Smp_302740;geneID=Smp_302740;gene_name=Smp_302740;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    74010550        74027681        .       -
        .
ID=Smp_302740.1;Parent=Smp_302740;geneID=Smp_302740;gene_name=Smp_30
2740;owner=irisadmin@local.host;orig_id=Smp_302740.3;date_last_modif
ied=2022-07-18;Name=Smp_302740.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    74010550        74011025        .       -
        .       Parent=Smp_302740.1;Name=8728f7a1-6b0c-4b31-a6c2-
a9243a10249f
SM_V9_1 iris    exon    74012478        74012605        .       -
        .       Parent=Smp_302740.1;Name=ab7b0c0c-5d38-4a6f-
b8f1-478323832724
SM_V9_1 iris    exon    74012690        74013095        .       -
        .       Parent=Smp_302740.1;Name=fb6d12da-85d4-44d8-
aba4-410ef7dc7ea1
SM_V9_1 iris    exon    74016368        74016434        .       -
        .       Parent=Smp_302740.1;Name=93174a97-
bf98-4ac6-92d5-5cebd0a1e480
SM_V9_1 iris    exon    74020164        74020358        .       -
        .       Parent=Smp_302740.1;Name=32ffc4e6-282e-4aa1-a766-
b8386b28cecc
SM_V9_1 iris    exon    74021226        74021670        .       -
        .       Parent=Smp_302740.1;Name=cc715118-5589-44f2-8973-
d71cfae5b690
SM_V9_1 iris    exon    74025910        74026286        .       -
        .
Parent=Smp_302740.1;Name=3a08171a-3cd6-45c5-98ad-6857fc077bb1
SM_V9_1 iris    exon    74026576        74026857        .       -
        .       Parent=Smp_302740.1;Name=6655eb69-90be-400f-a5ee-
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f69f392b1dc2
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Parent=Smp_302740.1;Name=e0000cb0-735f-446a-8cbb-05e0898fd291
SM_V9_1 iris    exon    74026986        74027145        .       -
        .       Parent=Smp_302740.1;Name=df41eeed-
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SM_V9_1 iris    exon    74027178        74027361        .       -
        .       Parent=Smp_302740.1;Name=0279edd3-8881-4091-
af08-0d8a3b5a5e8f
SM_V9_1 iris    exon    74027400        74027482        .       -
        .
Parent=Smp_302740.1;Name=ab2a7a25-3540-4f35-883c-1257064b6144
SM_V9_1 iris    exon    74027519        74027681        .       -
        .       Parent=Smp_302740.1;Name=1488bf1c-d59e-4f03-
b5cc-6c72d15e754f
SM_V9_1 iris    CDS     74010941        74011025        .       -
        1       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74012478        74012605        .       -
        0       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74012690        74013095        .       -
        1       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74016368        74016434        .       -
        2       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74020164        74020358        .       -
        2       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74021226        74021670        .       -
        0       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74025910        74026286        .       -
        2       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74026576        74026857        .       -
        2       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74026896        74026954        .       -
        1       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74026986        74027145        .       -
        2       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74027178        74027361        .       -
        0       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74027400        74027482        .       -
        2       Parent=Smp_302740.1
SM_V9_1 iris    CDS     74027519        74027525        .       -
        0       Parent=Smp_302740.1
SM_V9_1 iris    gene    74037899        74044064        .       +
        .
ID=Smp_104000;geneID=Smp_104000;gene_name=Smp_104000;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    74037899        74044064        .       +
        .
ID=Smp_104000.1;Parent=Smp_104000;geneID=Smp_104000;gene_name=Smp_10
4000;owner=irisadmin@local.host;orig_id=Smp_104000.1;date_last_modif
ied=2022-07-18;Name=Smp_104000.1;product=Transmembrane protein
18;date_creation=2022-07-18
SM_V9_1 iris    exon    74037899        74037967        .       +
        .       Parent=Smp_104000.1;Name=f1923d9d-bd33-4fbb-
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addd-60461d084b2a
SM_V9_1 iris    exon    74043196        74043260        .       +
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Parent=Smp_104000.1;Name=f4ece921-1265-42d1-8d99-3502c379afb3
SM_V9_1 iris    exon    74043311        74043423        .       +
        .       Parent=Smp_104000.1;Name=51eea0b5-8185-4597-b558-
e55d9bbba7ec
SM_V9_1 iris    exon    74043458        74043578        .       +
        .       Parent=Smp_104000.1;Name=c280a504-b178-47bc-a091-
c24758e430fe
SM_V9_1 iris    exon    74043612        74043666        .       +
        .
Parent=Smp_104000.1;Name=09ce3dca-055e-4053-9281-5bd1f9e04cd1
SM_V9_1 iris    exon    74043702        74043795        .       +
        .       Parent=Smp_104000.1;Name=1411fa1c-acb0-43fc-
aa22-9f4ed257b602
SM_V9_1 iris    exon    74043832        74044064        .       +
        .       Parent=Smp_104000.1;Name=117ecfed-af74-43de-
b7c2-91dfe7812719
SM_V9_1 iris    CDS     74043349        74043423        .       +
        0       Parent=Smp_104000.1
SM_V9_1 iris    CDS     74043458        74043578        .       +
        0       Parent=Smp_104000.1
SM_V9_1 iris    CDS     74043612        74043666        .       +
        2       Parent=Smp_104000.1
SM_V9_1 iris    CDS     74043702        74043795        .       +
        1       Parent=Smp_104000.1
SM_V9_1 iris    CDS     74043832        74043918        .       +
        0       Parent=Smp_104000.1
SM_V9_1 iris    gene    74045900        74059665        .       -
        .
ID=Smp_103990;geneID=Smp_103990;gene_name=Smp_103990;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    74045900        74059665        .       -
        .
ID=Smp_103990.1;Parent=Smp_103990;geneID=Smp_103990;gene_name=Smp_10
3990;owner=irisadmin@local.host;orig_id=Smp_103990.1;date_last_modif
ied=2022-07-18;Name=Smp_103990.1;product=RNA-binding protein
42;date_creation=2022-07-18
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        .       Parent=Smp_103990.1;Name=7fbfcd40-
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SM_V9_1 iris    exon    74052037        74052231        .       -
        .       Parent=Smp_103990.1;Name=56f7fbc8-0dbc-4934-
b18e-0910f6d38116
SM_V9_1 iris    exon    74054807        74055067        .       -
        .
Parent=Smp_103990.1;Name=e08dc6d0-8967-4e7c-9dfb-4990a2a77d01
SM_V9_1 iris    exon    74056888        74057292        .       -
        .       Parent=Smp_103990.1;Name=5d89fe7b-aeae-4019-8236-
ca88a34fbc62
SM_V9_1 iris    exon    74059189        74059343        .       -
        .
Parent=Smp_103990.1;Name=4b1a6bcd-527a-4c4f-88da-9afa5d8082d0
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SM_V9_1 iris    exon    74059384        74059665        .       -
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Parent=Smp_103990.1;Name=e65e72a8-64b7-4145-95d0-955c4edf0573
SM_V9_1 iris    CDS     74046031        74046146        .       -
        2       Parent=Smp_103990.1
SM_V9_1 iris    CDS     74052037        74052231        .       -
        2       Parent=Smp_103990.1
SM_V9_1 iris    CDS     74054807        74055067        .       -
        2       Parent=Smp_103990.1
SM_V9_1 iris    CDS     74056888        74057292        .       -
        2       Parent=Smp_103990.1
SM_V9_1 iris    CDS     74059189        74059343        .       -
        1       Parent=Smp_103990.1
SM_V9_1 iris    CDS     74059384        74059433        .       -
        0       Parent=Smp_103990.1
SM_V9_1 iris    gene    74069108        74126472        .       +
        .
ID=Smp_180200;geneID=Smp_180200;gene_name=Smp_180200;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    74069108        74126472        .       +
        .
ID=Smp_180200.1;Parent=Smp_180200;geneID=Smp_180200;gene_name=Smp_18
0200;owner=irisadmin@local.host;orig_id=Smp_180200.2;date_last_modif
ied=2022-07-18;Name=Smp_180200.1;product=Terminal
uridylyltransferase 4;date_creation=2022-07-18
SM_V9_1 iris    exon    74069108        74069240        .       +
        .       Parent=Smp_180200.1;Name=3e361859-ee04-472d-959c-
f8f57b78c694
SM_V9_1 iris    exon    74071268        74071389        .       +
        .       Parent=Smp_180200.1;Name=cddeead0-6c44-4ed3-acc6-
e54a10e3a04e
SM_V9_1 iris    exon    74073989        74074053        .       +
        .       Parent=Smp_180200.1;Name=dc870640-e6bf-4591-ae31-
ba6310147cf9
SM_V9_1 iris    exon    74081614        74081712        .       +
        .
Parent=Smp_180200.1;Name=f4033d87-0fe5-461a-9912-12f39ca65c9e
SM_V9_1 iris    exon    74085420        74085597        .       +
        .       Parent=Smp_180200.1;Name=6808de2c-a005-436c-9627-
e3dc3de22675
SM_V9_1 iris    exon    74086325        74086781        .       +
        .
Parent=Smp_180200.1;Name=78cc6989-7e4d-49fe-9ad5-1902a6a41f4d
SM_V9_1 iris    exon    74088960        74089137        .       +
        .       Parent=Smp_180200.1;Name=8977368e-6387-4aa3-
afc1-90576b744c88
SM_V9_1 iris    exon    74092631        74092792        .       +
        .       Parent=Smp_180200.1;Name=e1fe1f66-ded0-4f29-8b9b-
e4cce4cf712a
SM_V9_1 iris    exon    74094384        74094459        .       +
        .       Parent=Smp_180200.1;Name=09593a8f-
d869-40eb-89e3-86652ec26af4
SM_V9_1 iris    exon    74095089        74095253        .       +
        .       Parent=Smp_180200.1;Name=9d8b7e2e-8937-471e-
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b290-6d177efd44ab
SM_V9_1 iris    exon    74097667        74097986        .       +
        .       Parent=Smp_180200.1;Name=b8b302ed-115e-4395-9239-
cf2aa074f654
SM_V9_1 iris    exon    74098823        74099051        .       +
        .
Parent=Smp_180200.1;Name=4d639f0b-4f70-4d9a-849a-68cb75196912
SM_V9_1 iris    exon    74100337        74100548        .       +
        .       Parent=Smp_180200.1;Name=8d990397-
e4d4-4f5b-92f0-5da69bc57a27
SM_V9_1 iris    exon    74101481        74101567        .       +
        .       Parent=Smp_180200.1;Name=5ab8fabe-1b52-48d6-b778-
cd10e5a41e77
SM_V9_1 iris    exon    74101962        74102357        .       +
        .       Parent=Smp_180200.1;Name=bd831b38-e0a3-4f5b-
b549-206608a31597
SM_V9_1 iris    exon    74105163        74105495        .       +
        .       Parent=Smp_180200.1;Name=4a1ae2af-6d43-46c4-
a369-7073cde64313
SM_V9_1 iris    exon    74108795        74109193        .       +
        .       Parent=Smp_180200.1;Name=6a5a6f4b-75e9-400a-9a2a-
b4597b301fbc
SM_V9_1 iris    exon    74110299        74110478        .       +
        .       Parent=Smp_180200.1;Name=c1baaad1-9611-4bc1-86e5-
c8cb5c6d6cb9
SM_V9_1 iris    exon    74115160        74115249        .       +
        .       Parent=Smp_180200.1;Name=24462634-c1ef-4b33-862e-
eafc8c6ddfc6
SM_V9_1 iris    exon    74115819        74115926        .       +
        .       Parent=Smp_180200.1;Name=2302d5bf-f471-4b08-
ab90-21b1e44a723e
SM_V9_1 iris    exon    74116094        74116171        .       +
        .
Parent=Smp_180200.1;Name=f4d5211d-3580-4477-86eb-9c0be2d619e1
SM_V9_1 iris    exon    74117979        74118150        .       +
        .       Parent=Smp_180200.1;Name=d386440a-4aeb-462d-90ea-
a9e96172e9f8
SM_V9_1 iris    exon    74119330        74119377        .       +
        .
Parent=Smp_180200.1;Name=356f843b-4833-4deb-85b7-01a5f4436ee1
SM_V9_1 iris    exon    74120764        74120854        .       +
        .       Parent=Smp_180200.1;Name=071a2aee-2fc2-40e3-82a6-
fcff3dd6f099
SM_V9_1 iris    exon    74123011        74123933        .       +
        .       Parent=Smp_180200.1;Name=e8cdfc4f-6391-48d8-
b508-49927154b874
SM_V9_1 iris    exon    74125848        74126472        .       +
        .       Parent=Smp_180200.1;Name=2535ebdb-ba15-4d3a-8efb-
cfd41d5d0d7e
SM_V9_1 iris    CDS     74071338        74071389        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74073989        74074053        .       +
        2       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74081614        74081712        .       +
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        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74085420        74085597        .       +
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SM_V9_1 iris    CDS     74086325        74086781        .       +
        2       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74088960        74089137        .       +
        1       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74092631        74092792        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74094384        74094459        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74095089        74095253        .       +
        2       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74097667        74097986        .       +
        2       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74098823        74099051        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74100337        74100548        .       +
        2       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74101481        74101567        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74101962        74102357        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74105163        74105495        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74108795        74109193        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74110299        74110478        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74115160        74115249        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74115819        74115926        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74116094        74116171        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74117979        74118150        .       +
        0       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74119330        74119377        .       +
        2       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74120764        74120854        .       +
        2       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74123011        74123933        .       +
        1       Parent=Smp_180200.1
SM_V9_1 iris    CDS     74125848        74126299        .       +
        2       Parent=Smp_180200.1
SM_V9_1 Liftoff gene    74130177        74133594        .       -
        .       ID=Smp_320120;geneID=Smp_320120
SM_V9_1 Liftoff mRNA    74130177        74133594        .       -
        .
ID=Smp_320120.1;Parent=Smp_320120;geneID=Smp_320120;product=Terminal
uridylyltransferase 7
SM_V9_1 Liftoff exon    74130177        74130388        .       -
        .       Parent=Smp_320120.1
SM_V9_1 Liftoff exon    74130556        74130663        .       -
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        .       Parent=Smp_320120.1
SM_V9_1 Liftoff exon    74131233        74133594        .       -
        .       Parent=Smp_320120.1
SM_V9_1 Liftoff CDS     74130287        74130388        .       -
        0       Parent=Smp_320120.1
SM_V9_1 Liftoff CDS     74130556        74130663        .       -
        0       Parent=Smp_320120.1
SM_V9_1 Liftoff CDS     74131233        74131304        .       -
        0       Parent=Smp_320120.1
SM_V9_1 Liftoff gene    74140491        74140739        .       +
        .       ID=Smp_200130;geneID=Smp_200130
SM_V9_1 Liftoff mRNA    74140491        74140739        .       +
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ID=Smp_200130.1;Parent=Smp_200130;geneID=Smp_200130;product=Ribonucl
ease Z 2, mitochondrial
SM_V9_1 Liftoff exon    74140491        74140739        .       +
        .       Parent=Smp_200130.1
SM_V9_1 Liftoff CDS     74140491        74140739        .       +
        0       Parent=Smp_200130.1
SM_V9_1 iris    gene    74143691        74156070        .       -
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ID=Smp_103950;geneID=Smp_103950;gene_name=Smp_103950;owner=irisadmin
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SM_V9_1 iris    mRNA    74143691        74156070        .       -
        .
ID=Smp_103950.1;Parent=Smp_103950;geneID=Smp_103950;gene_name=Smp_10
3950;owner=irisadmin@local.host;orig_id=Smp_103950.1;date_last_modif
ied=2022-08-29;Name=Smp_103950.1;product=Cyclin-dependent kinase
10;date_creation=2022-08-29
SM_V9_1 iris    exon    74143691        74143968        .       -
        .       Parent=Smp_103950.1;Name=f6b07f29-a6ec-4341-
baa9-7722e824b605
SM_V9_1 iris    exon    74145399        74145538        .       -
        .       Parent=Smp_103950.1;Name=c61239a2-db88-41b7-
a5a3-3a6026534ae0
SM_V9_1 iris    exon    74146186        74146328        .       -
        .       Parent=Smp_103950.1;Name=5e76bc07-dc2b-4886-ad7a-
eb7d64b45c60
SM_V9_1 iris    exon    74149798        74149847        .       -
        .       Parent=Smp_103950.1;Name=e2dc7136-13dd-4bf5-a675-
a059bbd8775c
SM_V9_1 iris    exon    74149886        74150009        .       -
        .       Parent=Smp_103950.1;Name=ff67cf9b-6fd6-4dd2-
bfc1-823505d31419
SM_V9_1 iris    exon    74150054        74150113        .       -
        .
Parent=Smp_103950.1;Name=7ee10702-954d-4943-921b-54a8d8f5289b
SM_V9_1 iris    exon    74155249        74155436        .       -
        .       Parent=Smp_103950.1;Name=fd27b381-2bdb-4f2e-
b774-904d22dc32bc
SM_V9_1 iris    exon    74155472        74155553        .       -
        .       Parent=Smp_103950.1;Name=ef767dde-51bd-4721-b067-
acd7006ad35f
SM_V9_1 iris    exon    74155584        74155686        .       -
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        .       Parent=Smp_103950.1;Name=5442c462-f679-482d-94c7-
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SM_V9_1 iris    exon    74155721        74155792        .       -
        .       Parent=Smp_103950.1;Name=3190eb7d-8bfa-432e-967e-
fc6a5252bce0
SM_V9_1 iris    exon    74155823        74155895        .       -
        .       Parent=Smp_103950.1;Name=158c40d8-5fb1-41cd-83b5-
fb5de2888867
SM_V9_1 iris    exon    74155927        74156070        .       -
        .
Parent=Smp_103950.1;Name=a4001616-28b4-4df0-80e3-81fe1279aa69
SM_V9_1 iris    CDS     74143948        74143968        .       -
        0       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74145399        74145538        .       -
        2       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74146186        74146328        .       -
        1       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74149798        74149847        .       -
        0       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74149886        74150009        .       -
        1       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74150054        74150113        .       -
        1       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74155249        74155436        .       -
        0       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74155472        74155553        .       -
        1       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74155584        74155686        .       -
        2       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74155721        74155792        .       -
        2       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74155823        74155895        .       -
        0       Parent=Smp_103950.1
SM_V9_1 iris    CDS     74155927        74156034        .       -
        0       Parent=Smp_103950.1
SM_V9_1 Liftoff gene    74176401        74177014        .       -
        .
ID=Smp_334940;geneID=Smp_334940;previous_systematic_id=Smp_194360
SM_V9_1 Liftoff mRNA    74176401        74177014        .       -
        .
ID=Smp_334940.1;Parent=Smp_334940;geneID=Smp_334940;product=Flagella
r P-ring protein
SM_V9_1 Liftoff exon    74176401        74177014        .       -
        .       Parent=Smp_334940.1
SM_V9_1 Liftoff CDS     74176510        74176731        .       -
        0       Parent=Smp_334940.1
SM_V9_1 iris    gene    74178234        74187844        .       -
        .
ID=Smp_121320;geneID=Smp_121320;gene_name=Smp_121320;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    74178234        74187844        .       -
        .
ID=Smp_121320.1;Parent=Smp_121320;geneID=Smp_121320;gene_name=Smp_12
1320;owner=irisadmin@local.host;orig_id=Smp_121320.1;date_last_modif
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C4orf22 homolog;date_creation=2022-07-29
SM_V9_1 iris    exon    74178234        74178863        .       -
        .       Parent=Smp_121320.1;Name=53fa71e7-a408-4b2e-
a34d-626d5cef22a8
SM_V9_1 iris    exon    74179554        74179683        .       -
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SM_V9_1 Liftoff CDS     74206721        74206809        .       -
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or of cytokine signaling
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SM_V9_1 iris    exon    74394770        74394833        .       +
        .       Parent=Smp_121940.1;Name=483e53e8-2d87-4ed2-
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SM_V9_1 iris    exon    74395573        74395673        .       +
        .       Parent=Smp_121940.1;Name=678ffb92-e97c-42ea-95bd-
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SM_V9_1 iris    exon    74397825        74397890        .       +
        .       Parent=Smp_121940.1;Name=0e992382-3e54-41a9-ad0a-
b8cdeae79366
SM_V9_1 iris    exon    74400742        74400813        .       +
        .       Parent=Smp_121940.1;Name=0acd9792-7ea4-4502-b37f-
c1f652144e0e
SM_V9_1 iris    exon    74403941        74404330        .       +
        .       Parent=Smp_121940.1;Name=b0ff3911-a1d3-411f-b10b-
d5a2edafd213
SM_V9_1 iris    exon    74406696        74408111        .       +
        .       Parent=Smp_121940.1;Name=3fd67b9f-
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SM_V9_1 iris    CDS     74358542        74358733        .       +
        0       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74367642        74367749        .       +
        0       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74369644        74369686        .       +
        0       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74371914        74371995        .       +
        2       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74376139        74376236        .       +
        1       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74379177        74379303        .       +
        2       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74381916        74382003        .       +
        1       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74389798        74389886        .       +
        0       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74394770        74394833        .       +
        1       Parent=Smp_121940.1
SM_V9_1 iris    CDS     74395573        74395673        .       +
        0       Parent=Smp_121940.1
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SM_V9_1 iris    CDS     74397825        74397890        .       +
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SM_V9_1 iris    CDS     74403941        74404330        .       +
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SM_V9_1 iris    CDS     74406696        74406711        .       +
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SM_V9_1 iris    mRNA    74415996        74470649        .       -
        .
ID=Smp_121950.1;Parent=Smp_121950;geneID=Smp_121950;gene_name=Smp_12
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protein;date_creation=2022-07-18
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a42a-625f8c4b3ed6
SM_V9_1 iris    exon    74418560        74419045        .       -
        .
Parent=Smp_121950.1;Name=75394604-386f-4357-9f5a-4b920ad58a42
SM_V9_1 iris    exon    74421613        74421799        .       -
        .       Parent=Smp_121950.1;Name=f65ef9ba-af47-4aba-955c-
fbdaea43438d
SM_V9_1 iris    exon    74424033        74424313        .       -
        .       Parent=Smp_121950.1;Name=a48eacff-
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SM_V9_1 iris    exon    74429695        74430023        .       -
        .       Parent=Smp_121950.1;Name=f9104a85-53c9-4fab-b409-
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SM_V9_1 iris    exon    74431585        74431717        .       -
        .       Parent=Smp_121950.1;Name=8b622602-
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SM_V9_1 iris    exon    74433954        74434064        .       -
        .
Parent=Smp_121950.1;Name=3ba4144c-45aa-44af-8595-2e1da3824952
SM_V9_1 iris    exon    74439876        74440058        .       -
        .       Parent=Smp_121950.1;Name=0663dc03-1757-4405-85bd-
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SM_V9_1 iris    exon    74445172        74445342        .       -
        .       Parent=Smp_121950.1;Name=7e1086ee-bfab-41bb-a25f-
b23b715b8115
SM_V9_1 iris    exon    74448532        74448593        .       -
        .       Parent=Smp_121950.1;Name=7e38c7c2-44f7-4a11-
a4ba-0a5ec4e9d1ad
SM_V9_1 iris    exon    74453836        74453889        .       -
        .       Parent=Smp_121950.1;Name=cd007fb5-05d1-4c7a-
b10e-7ca0f8360a48
SM_V9_1 iris    exon    74455811        74455870        .       -
        .       Parent=Smp_121950.1;Name=1f1add68-e098-4aa4-a7f8-
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SM_V9_1 iris    exon    74460498        74460563        .       -
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SM_V9_1 iris    exon    74461207        74461305        .       -
        .       Parent=Smp_121950.1;Name=411b0c79-
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SM_V9_1 iris    exon    74470318        74470649        .       -
        .
Parent=Smp_121950.1;Name=3f3d4d5f-331f-4ac2-8ec7-678cf0b40e49
SM_V9_1 iris    CDS     74416404        74416568        .       -
        0       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74418560        74419045        .       -
        0       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74421613        74421799        .       -
        1       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74424033        74424313        .       -
        0       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74429695        74430023        .       -
        2       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74431585        74431717        .       -
        0       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74433954        74434064        .       -
        0       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74439876        74440058        .       -
        0       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74445172        74445342        .       -
        0       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74448532        74448593        .       -
        2       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74453836        74453889        .       -
        2       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74455811        74455870        .       -
        2       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74460498        74460563        .       -
        2       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74461207        74461305        .       -
        2       Parent=Smp_121950.1
SM_V9_1 iris    CDS     74470318        74470333        .       -
        0       Parent=Smp_121950.1
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        .       ID=Smp_194740;geneID=Smp_194740
SM_V9_1 Liftoff mRNA    74514898        74546591        .       -
        .
ID=Smp_194740.1;Parent=Smp_194740;geneID=Smp_194740;product=Sex
peptide receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452,IPR019
427
Pfam:PF10324;Ontology_term=GO:0004930,GO:0007186,GO:0008528,GO:00160
21
SM_V9_1 Liftoff exon    74514898        74516813        .       -
        .       Parent=Smp_194740.1
SM_V9_1 Liftoff exon    74517935        74546591        .       -
        .       Parent=Smp_194740.1
SM_V9_1 Liftoff CDS     74515344        74516813        .       -
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        0       Parent=Smp_194740.1
SM_V9_1 Liftoff CDS     74517935        74517991        .       -
        0       Parent=Smp_194740.1
SM_V9_1 iris    gene    74625904        74641264        .       +
        .
ID=Smp_194750;geneID=Smp_194750;gene_name=Smp_194750;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    74625904        74641264        .       +
        .
ID=Smp_194750.1;Parent=Smp_194750;geneID=Smp_194750;gene_name=Smp_19
4750;owner=irisadmin@local.host;orig_id=Smp_194750.1;date_last_modif
ied=2022-08-29;Name=Smp_194750.1;product=Protein
TBATA;date_creation=2022-08-29
SM_V9_1 iris    exon    74625904        74626581        .       +
        .
Parent=Smp_194750.1;Name=483a1337-3a0d-49af-8693-8dbebaed0630
SM_V9_1 iris    exon    74629759        74630024        .       +
        .       Parent=Smp_194750.1;Name=7513f5de-487c-48e0-
ad48-3a4a16cd584e
SM_V9_1 iris    exon    74635490        74635641        .       +
        .       Parent=Smp_194750.1;Name=41b2eb96-df10-42ba-9996-
c2d90b6230dd
SM_V9_1 iris    exon    74636759        74636906        .       +
        .       Parent=Smp_194750.1;Name=5e2b06a7-6c18-457a-be20-
a3409f80c6a5
SM_V9_1 iris    exon    74638612        74638717        .       +
        .       Parent=Smp_194750.1;Name=234237ba-7e42-495c-
a342-2c908203549d
SM_V9_1 iris    exon    74640874        74641264        .       +
        .       Parent=Smp_194750.1;Name=3694b8dd-e84f-4396-9a35-
e121084d35f5
SM_V9_1 iris    CDS     74625957        74626581        .       +
        0       Parent=Smp_194750.1
SM_V9_1 iris    CDS     74629759        74630024        .       +
        2       Parent=Smp_194750.1
SM_V9_1 iris    CDS     74635490        74635641        .       +
        0       Parent=Smp_194750.1
SM_V9_1 iris    CDS     74636759        74636906        .       +
        1       Parent=Smp_194750.1
SM_V9_1 iris    CDS     74638612        74638717        .       +
        0       Parent=Smp_194750.1
SM_V9_1 iris    CDS     74640874        74641031        .       +
        2       Parent=Smp_194750.1
SM_V9_1 iris    mRNA    74636653        74641264        .       +
        .
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4750;owner=irisadmin@local.host;date_last_modified=2022-11-10;Name=S
mp_194750.2;date_creation=2022-08-29
SM_V9_1 iris    exon    74636653        74636906        .       +
        .       Parent=Smp_194750.2;Name=Smp_194750.2-CDS
SM_V9_1 iris    exon    74638612        74638717        .       +
        .
Parent=Smp_194750.2;Name=2a4298c9-9a9e-4c7e-8f35-8528e342f6f1
SM_V9_1 iris    exon    74640874        74641264        .       +
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SM_V9_1 iris    CDS     74636727        74636906        .       +
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SM_V9_1 iris    CDS     74638612        74638717        .       +
        0       Parent=Smp_194750.2
SM_V9_1 iris    CDS     74640874        74641031        .       +
        2       Parent=Smp_194750.2
SM_V9_1 Liftoff gene    74650975        74662020        .       -
        .
ID=Smp_346890;geneID=Smp_346890;previous_systematic_id=Smp_194760
SM_V9_1 Liftoff mRNA    74650975        74662020        .       -
        .
ID=Smp_346890.1;Parent=Smp_346890;geneID=Smp_346890;product=Low-
density lipoprotein receptor-related protein
2;polypeptide_domain=InterPro:IPR002172;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    74650975        74652546        .       -
        .       Parent=Smp_346890.1
SM_V9_1 Liftoff exon    74653991        74654135        .       -
        .       Parent=Smp_346890.1
SM_V9_1 Liftoff exon    74659498        74659904        .       -
        .       Parent=Smp_346890.1
SM_V9_1 Liftoff exon    74661500        74662020        .       -
        .       Parent=Smp_346890.1
SM_V9_1 Liftoff CDS     74651789        74652546        .       -
        2       Parent=Smp_346890.1
SM_V9_1 Liftoff CDS     74653991        74654135        .       -
        0       Parent=Smp_346890.1
SM_V9_1 Liftoff CDS     74659498        74659904        .       -
        2       Parent=Smp_346890.1
SM_V9_1 Liftoff CDS     74661500        74661590        .       -
        0       Parent=Smp_346890.1
SM_V9_1 Liftoff gene    74667121        74703720        .       -
        .       ID=Smp_121990;geneID=Smp_121990
SM_V9_1 Liftoff mRNA    74667121        74703720        .       -
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mitochondrial;polypeptide_domain=InterPro:IPR000447,IPR002048,IPR006
076,IPR011992,IPR018247,IPR031656,IPR036188,IPR038299
Pfam:PF01266,PF13499,PF16901;Ontology_term=GO:0004368,GO:0005509,GO:
0006072,GO:0009331,GO:0016491,GO:0055114
SM_V9_1 Liftoff exon    74667121        74668003        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74673046        74673144        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74676301        74676462        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74678926        74679105        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74682223        74682474        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74682849        74683042        .       -
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SM_V9_1 Liftoff exon    74684446        74684639        .       -
        .       Parent=Smp_121990.1
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        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74695657        74695820        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74696523        74696745        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74699244        74699415        .       -
        .       Parent=Smp_121990.1
SM_V9_1 Liftoff exon    74702242        74703720        .       -
        .       Parent=Smp_121990.1
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SM_V9_1 Liftoff CDS     74673046        74673144        .       -
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SM_V9_1 Liftoff CDS     74676301        74676462        .       -
        0       Parent=Smp_121990.1
SM_V9_1 Liftoff CDS     74678926        74679105        .       -
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SM_V9_1 Liftoff CDS     74682223        74682474        .       -
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SM_V9_1 Liftoff CDS     74684446        74684639        .       -
        1       Parent=Smp_121990.1
SM_V9_1 Liftoff CDS     74691840        74692188        .       -
        2       Parent=Smp_121990.1
SM_V9_1 Liftoff CDS     74695657        74695820        .       -
        1       Parent=Smp_121990.1
SM_V9_1 Liftoff CDS     74696523        74696745        .       -
        2       Parent=Smp_121990.1
SM_V9_1 Liftoff CDS     74699244        74699415        .       -
        0       Parent=Smp_121990.1
SM_V9_1 Liftoff CDS     74702242        74702358        .       -
        0       Parent=Smp_121990.1
SM_V9_1 Liftoff mRNA    74667121        74703720        .       -
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mitochondrial;polypeptide_domain=InterPro:IPR000447,IPR002048,IPR006
076,IPR011992,IPR018247,IPR031656,IPR036188,IPR038299
Pfam:PF01266,PF13499,PF16901;Ontology_term=GO:0004368,GO:0005509,GO:
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SM_V9_1 Liftoff exon    74673046        74673144        .       -
        .       Parent=Smp_121990.2
SM_V9_1 Liftoff exon    74676301        74676462        .       -
        .       Parent=Smp_121990.2
SM_V9_1 Liftoff exon    74678926        74679105        .       -
        .       Parent=Smp_121990.2
SM_V9_1 Liftoff exon    74682223        74682474        .       -
        .       Parent=Smp_121990.2
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SM_V9_1 Liftoff exon    74682849        74683042        .       -
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SM_V9_1 Liftoff exon    74695657        74695820        .       -
        .       Parent=Smp_121990.2
SM_V9_1 Liftoff exon    74696523        74696745        .       -
        .       Parent=Smp_121990.2
SM_V9_1 Liftoff exon    74699244        74699415        .       -
        .       Parent=Smp_121990.2
SM_V9_1 Liftoff exon    74702242        74703720        .       -
        .       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74670027        74670086        .       -
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SM_V9_1 Liftoff CDS     74673046        74673144        .       -
        0       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74676301        74676462        .       -
        0       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74678926        74679105        .       -
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SM_V9_1 Liftoff CDS     74682223        74682474        .       -
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SM_V9_1 Liftoff CDS     74682849        74683042        .       -
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SM_V9_1 Liftoff CDS     74684446        74684639        .       -
        1       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74691840        74692188        .       -
        2       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74695657        74695820        .       -
        1       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74696523        74696745        .       -
        2       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74699244        74699415        .       -
        0       Parent=Smp_121990.2
SM_V9_1 Liftoff CDS     74702242        74702358        .       -
        0       Parent=Smp_121990.2
SM_V9_1 iris    gene    74725563        74740311        .       +
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ID=Smp_194770;geneID=Smp_194770;gene_name=Smp_194770;owner=irisadmin
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SM_V9_1 iris    mRNA    74725563        74740311        .       +
        .
ID=Smp_194770.1;Parent=Smp_194770;geneID=Smp_194770;gene_name=Smp_19
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kinase;date_creation=2022-07-18
SM_V9_1 iris    exon    74725563        74725812        .       +
        .       Parent=Smp_194770.1;Name=d05add0c-1c9c-4998-ab63-
a2d1c1d8f181
SM_V9_1 iris    exon    74726508        74726608        .       +
        .       Parent=Smp_194770.1;Name=feedfa53-8b84-4481-9e11-
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        .       Parent=Smp_194770.1;Name=f0e5f2fd-6608-4d51-
b902-7255d29c2994
SM_V9_1 iris    exon    74726970        74727094        .       +
        .       Parent=Smp_194770.1;Name=d42811fb-d120-49a6-
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SM_V9_1 iris    exon    74728282        74728447        .       +
        .       Parent=Smp_194770.1;Name=4a28ee7a-da23-4521-b2f9-
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SM_V9_1 iris    exon    74729638        74729784        .       +
        .       Parent=Smp_194770.1;Name=3b5c1ea2-40bd-40ce-
a62f-5e19b7072477
SM_V9_1 iris    exon    74730550        74730748        .       +
        .
Parent=Smp_194770.1;Name=4f774538-932e-4657-8700-215536ac2065
SM_V9_1 iris    exon    74732208        74732372        .       +
        .
Parent=Smp_194770.1;Name=d1997600-60f4-4a9c-8c42-06f3c19d5fb0
SM_V9_1 iris    exon    74733889        74734071        .       +
        .       Parent=Smp_194770.1;Name=a95cdd9b-
b1c7-47b9-94c7-2b8820e7504f
SM_V9_1 iris    exon    74736146        74736374        .       +
        .
Parent=Smp_194770.1;Name=521c0ff9-6b31-4611-8cd6-9ab821dc6848
SM_V9_1 iris    exon    74736900        74737065        .       +
        .       Parent=Smp_194770.1;Name=c1770470-f1ba-4d1f-
b894-078c57c583d4
SM_V9_1 iris    exon    74739244        74739427        .       +
        .       Parent=Smp_194770.1;Name=292fdd22-13c3-4401-b730-
e032f51791bb
SM_V9_1 iris    exon    74739945        74740311        .       +
        .       Parent=Smp_194770.1;Name=9b8c4826-46e9-4eae-
b129-935ad0100c61
SM_V9_1 iris    CDS     74725656        74725812        .       +
        0       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74726508        74726608        .       +
        2       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74726698        74726883        .       +
        0       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74726970        74727094        .       +
        0       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74728282        74728447        .       +
        1       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74729638        74729784        .       +
        0       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74730550        74730748        .       +
        0       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74732208        74732372        .       +
        2       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74733889        74734071        .       +
        2       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74736146        74736374        .       +
        2       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74736900        74737065        .       +
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        1       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74739244        74739427        .       +
        0       Parent=Smp_194770.1
SM_V9_1 iris    CDS     74739945        74740087        .       +
        2       Parent=Smp_194770.1
SM_V9_1 Liftoff gene    74769036        74769209        .       +
        .       ID=Smp_200160;geneID=Smp_200160
SM_V9_1 Liftoff mRNA    74769036        74769209        .       +
        .
ID=Smp_200160.1;Parent=Smp_200160;geneID=Smp_200160;product=Ras/Rap
GTPase-activating protein SynGAP
SM_V9_1 Liftoff exon    74769036        74769209        .       +
        .       Parent=Smp_200160.1
SM_V9_1 Liftoff CDS     74769036        74769209        .       +
        0       Parent=Smp_200160.1
SM_V9_1 Liftoff gene    74774725        74775350        .       +
        .       ID=Smp_122020;geneID=Smp_122020
SM_V9_1 Liftoff mRNA    74774725        74775350        .       +
        .
ID=Smp_122020.1;Parent=Smp_122020;geneID=Smp_122020;product=Craniofa
cial development protein 2;polypeptide_domain=InterPro:IPR005135
SM_V9_1 Liftoff exon    74774725        74775350        .       +
        .       Parent=Smp_122020.1
SM_V9_1 Liftoff CDS     74774891        74775271        .       +
        0       Parent=Smp_122020.1
SM_V9_1 iris    gene    74779913        74814750        .       -
        .
ID=Smp_122030;geneID=Smp_122030;gene_name=Smp_122030;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    74779913        74814750        .       -
        .
ID=Smp_122030.1;Parent=Smp_122030;geneID=Smp_122030;gene_name=Smp_12
2030;owner=irisadmin@local.host;orig_id=Smp_122030.1;date_last_modif
ied=2022-07-18;Name=Smp_122030.1;product=Endophilin-
A2;date_creation=2022-07-18
SM_V9_1 iris    exon    74779913        74780845        .       -
        .       Parent=Smp_122030.1;Name=1cf019d8-f2f5-4be1-849c-
a09cb1b1edef
SM_V9_1 iris    exon    74782031        74782137        .       -
        .       Parent=Smp_122030.1;Name=e23b7193-4f6c-465d-
b857-5aeca344a3a0
SM_V9_1 iris    exon    74782599        74782714        .       -
        .       Parent=Smp_122030.1;Name=77a80f76-ad50-48a7-
bc89-6a281a69e54c
SM_V9_1 iris    exon    74794721        74794732        .       -
        .
Parent=Smp_122030.1;Name=aaaaa033-9f36-49da-968a-5a0794db4f13
SM_V9_1 iris    exon    74797154        74797257        .       -
        .       Parent=Smp_122030.1;Name=4727d559-
c8e8-4700-9d67-95deda01a8bd
SM_V9_1 iris    exon    74800547        74800647        .       -
        .
Parent=Smp_122030.1;Name=ec268fe8-903d-4e78-93f5-031270889ad7
SM_V9_1 iris    exon    74805441        74805507        .       -
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        .       Parent=Smp_122030.1;Name=6a6ecb5d-0d9f-4e7a-878e-
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SM_V9_1 iris    exon    74806739        74806872        .       -
        .       Parent=Smp_122030.1;Name=9e60a683-5f79-4e04-ac4f-
dc01c9b9bb22
SM_V9_1 iris    exon    74807645        74807861        .       -
        .
Parent=Smp_122030.1;Name=676b71d4-8b95-4033-9d39-3e9aee8c3795
SM_V9_1 iris    exon    74814326        74814394        .       -
        .
Parent=Smp_122030.1;Name=7d42c3a1-2c22-4ab0-8512-3ed61fa13d3a
SM_V9_1 iris    exon    74814434        74814535        .       -
        .       Parent=Smp_122030.1;Name=7ba62594-4427-4210-8c8f-
eda69db23407
SM_V9_1 iris    exon    74814584        74814750        .       -
        .       Parent=Smp_122030.1;Name=ee5dccc1-a291-47fd-
a684-95fed30c41d6
SM_V9_1 iris    CDS     74780756        74780845        .       -
        0       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74782031        74782137        .       -
        2       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74782599        74782714        .       -
        1       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74794721        74794732        .       -
        1       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74797154        74797257        .       -
        0       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74800547        74800647        .       -
        2       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74805441        74805507        .       -
        0       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74806739        74806872        .       -
        2       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74807645        74807861        .       -
        0       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74814326        74814394        .       -
        0       Parent=Smp_122030.1
SM_V9_1 iris    CDS     74814434        74814478        .       -
        0       Parent=Smp_122030.1
SM_V9_1 iris    gene    74821427        74881417        .       +
        .
ID=Smp_194780;geneID=Smp_194780;gene_name=Smp_194780;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    74821427        74881417        .       +
        .
ID=Smp_194780.1;Parent=Smp_194780;geneID=Smp_194780;gene_name=Smp_19
4780;owner=irisadmin@local.host;orig_id=Smp_194780.1;date_last_modif
ied=2022-08-29;Name=Smp_194780.1;product=Hemicentin-2;date_creation=
2022-08-29
SM_V9_1 iris    exon    74821427        74821772        .       +
        .       Parent=Smp_194780.1;Name=c13524f9-8357-475a-
b1ad-6f6000cb694a
SM_V9_1 iris    exon    74834477        74834950        .       +
        .       Parent=Smp_194780.1;Name=aee85508-691d-47ee-a228-
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e52c58e849e8
SM_V9_1 iris    exon    74838070        74838453        .       +
        .       Parent=Smp_194780.1;Name=9fb63073-
a8cf-4cee-99b3-9ea491b1475b
SM_V9_1 iris    exon    74850212        74850349        .       +
        .       Parent=Smp_194780.1;Name=164aff1b-5f35-483d-a10e-
abd68d88f5ca
SM_V9_1 iris    exon    74852311        74852424        .       +
        .       Parent=Smp_194780.1;Name=8228dc6d-
d333-4b20-9c7e-122af65fdece
SM_V9_1 iris    exon    74854741        74855112        .       +
        .       Parent=Smp_194780.1;Name=2fbc52fe-c62c-4f1f-b25c-
d7126b8a9ce6
SM_V9_1 iris    exon    74855975        74856067        .       +
        .
Parent=Smp_194780.1;Name=c7131556-42cc-42e2-8c1c-414fc831809e
SM_V9_1 iris    exon    74856747        74856971        .       +
        .       Parent=Smp_194780.1;Name=6b3d16ac-
f666-4371-93e4-25f310ee1895
SM_V9_1 iris    exon    74860062        74860613        .       +
        .       Parent=Smp_194780.1;Name=169ebd0a-d23d-4927-a477-
d4fecc4b8542
SM_V9_1 iris    exon    74862930        74863180        .       +
        .
Parent=Smp_194780.1;Name=c34cd5b8-3fb8-40f6-9a4e-288a04bc118f
SM_V9_1 iris    exon    74865042        74865294        .       +
        .       Parent=Smp_194780.1;Name=5d9843b5-39cc-4465-
b804-209e64a36e1b
SM_V9_1 iris    exon    74867377        74867817        .       +
        .       Parent=Smp_194780.1;Name=c8e6380a-1421-448d-
a5c4-7e9aa2096b33
SM_V9_1 iris    exon    74869975        74870070        .       +
        .       Parent=Smp_194780.1;Name=4e44e338-3950-496f-
a801-6554bc1dd666
SM_V9_1 iris    exon    74876868        74877251        .       +
        .       Parent=Smp_194780.1;Name=254b3802-1e21-4875-92ca-
b26c323f49c8
SM_V9_1 iris    exon    74880959        74881417        .       +
        .       Parent=Smp_194780.1;Name=d01c9e49-e02c-4dce-ba42-
b1fa392beaa3
SM_V9_1 iris    CDS     74821721        74821772        .       +
        0       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74834477        74834950        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74838070        74838453        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74850212        74850349        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74852311        74852424        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74854741        74855112        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74855975        74856067        .       +
        2       Parent=Smp_194780.1
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SM_V9_1 iris    CDS     74856747        74856971        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74860062        74860613        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74862930        74863180        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74865042        74865294        .       +
        0       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74867377        74867817        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74869975        74870070        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74876868        74877251        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    CDS     74880959        74881074        .       +
        2       Parent=Smp_194780.1
SM_V9_1 iris    gene    74913540        74928430        .       -
        .
ID=Smp_122050;geneID=Smp_122050;gene_name=Smp_122050;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    74913540        74928430        .       -
        .
ID=Smp_122050.1;Parent=Smp_122050;geneID=Smp_122050;gene_name=Smp_12
2050;owner=irisadmin@local.host;orig_id=Smp_122050.1;date_last_modif
ied=2022-07-18;Name=Smp_122050.1;product=Ceramide synthase
1;date_creation=2022-07-18
SM_V9_1 iris    exon    74913540        74915048        .       -
        .
Parent=Smp_122050.1;Name=58bbd0e8-5380-4178-9a3a-0affb7294573
SM_V9_1 iris    exon    74918676        74918829        .       -
        .
Parent=Smp_122050.1;Name=58a96a9a-12c4-41b6-8cc5-5cf4c22ebc32
SM_V9_1 iris    exon    74921310        74921471        .       -
        .       Parent=Smp_122050.1;Name=3ab08398-1e70-45de-bb89-
c1f3ea1be01c
SM_V9_1 iris    exon    74923675        74923855        .       -
        .       Parent=Smp_122050.1;Name=1852f8bd-b125-441e-
afdd-56c16910c16c
SM_V9_1 iris    exon    74926265        74926439        .       -
        .       Parent=Smp_122050.1;Name=a02e75d4-16c2-4714-
b0be-4256c969eca7
SM_V9_1 iris    exon    74927884        74928430        .       -
        .       Parent=Smp_122050.1;Name=1e8760bc-91ba-4280-
a037-2ba9277ff0c9
SM_V9_1 iris    CDS     74914746        74915048        .       -
        0       Parent=Smp_122050.1
SM_V9_1 iris    CDS     74918676        74918829        .       -
        1       Parent=Smp_122050.1
SM_V9_1 iris    CDS     74921310        74921471        .       -
        1       Parent=Smp_122050.1
SM_V9_1 iris    CDS     74923675        74923855        .       -
        2       Parent=Smp_122050.1
SM_V9_1 iris    CDS     74926265        74926439        .       -
        0       Parent=Smp_122050.1
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SM_V9_1 iris    CDS     74927884        74928300        .       -
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SM_V9_1 iris    gene    74929795        74934860        .       -
        .
ID=Smp_334950;geneID=Smp_334950;gene_name=Smp_334950;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    74929795        74934860        .       -
        .
ID=Smp_334950.1;Parent=Smp_334950;geneID=Smp_334950;gene_name=Smp_33
4950;owner=irisadmin@local.host;orig_id=Smp_334950.1;date_last_modif
ied=2022-08-01;Name=Smp_334950.1;product=RNA-binding protein
44;date_creation=2022-07-29
SM_V9_1 iris    exon    74929795        74931935        .       -
        .
Parent=Smp_334950.1;Name=74368a09-2e05-4de3-8dd4-2ba74f00629b
SM_V9_1 iris    exon    74934425        74934860        .       -
        .       Parent=Smp_334950.1;Name=229d3c1f-f13d-4556-b71d-
d92dfd34b2e3
SM_V9_1 iris    CDS     74930958        74931128        .       -
        0       Parent=Smp_334950.1
SM_V9_1 iris    gene    74962007        74995672        .       +
        .
ID=Smp_040190;geneID=Smp_040190;gene_name=Smp_040190;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    74962007        74995672        .       +
        .
ID=Smp_040190.1;Parent=Smp_040190;geneID=Smp_040190;gene_name=Smp_04
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ied=2022-08-01;Name=Smp_040190.1;product=Serine/threonine-protein
kinase SIK2;date_creation=2022-07-29
SM_V9_1 iris    exon    74962007        74962124        .       +
        .
Parent=Smp_040190.1;Name=21c7eb3d-9029-4bca-9d40-4e62e1502d99
SM_V9_1 iris    exon    74962174        74962880        .       +
        .       Parent=Smp_040190.1;Name=f09abaa1-5af5-456c-
a598-1641d36d18e3
SM_V9_1 iris    exon    74962918        74963034        .       +
        .
Parent=Smp_040190.1;Name=551e93fd-318c-4612-86f1-0e06a2dc5b39
SM_V9_1 iris    exon    74963067        74963130        .       +
        .       Parent=Smp_040190.1;Name=78d5ec1e-f909-40b7-8a52-
bc95e1fe9612
SM_V9_1 iris    exon    74967930        74968091        .       +
        .       Parent=Smp_040190.1;Name=8f9fe18b-dc45-48b9-abb8-
cff7dca726b4
SM_V9_1 iris    exon    74969553        74969680        .       +
        .       Parent=Smp_040190.1;Name=3586047b-0941-44bd-
b8aa-4ee7bb31ec03
SM_V9_1 iris    exon    74971761        74971884        .       +
        .       Parent=Smp_040190.1;Name=fe7680ac-c2ce-48c5-
bfa5-8f87186c2ccb
SM_V9_1 iris    exon    74988345        74988724        .       +
        .       Parent=Smp_040190.1;Name=865e8334-8102-4765-bc7a-
a03a47178a6d
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SM_V9_1 iris    exon    74990101        74990172        .       +
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a80c-84b5c48380ad
SM_V9_1 iris    exon    74992124        74992687        .       +
        .
Parent=Smp_040190.1;Name=5a09e0e6-8045-4cd1-9e0e-6f289104381d
SM_V9_1 iris    exon    74994288        74995672        .       +
        .       Parent=Smp_040190.1;Name=b07555cc-
a488-4baa-8319-49853d622fc5
SM_V9_1 iris    CDS     74962524        74962880        .       +
        0       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74962918        74963034        .       +
        0       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74963067        74963130        .       +
        0       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74967930        74968091        .       +
        2       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74969553        74969680        .       +
        2       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74971761        74971884        .       +
        0       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74988345        74988724        .       +
        2       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74990101        74990172        .       +
        0       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74992124        74992687        .       +
        0       Parent=Smp_040190.1
SM_V9_1 iris    CDS     74994288        74994503        .       +
        0       Parent=Smp_040190.1
SM_V9_1 iris    gene    75009726        75028623        .       -
        .
ID=Smp_144070;geneID=Smp_144070;gene_name=Smp_144070;owner=irisadmin
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SM_V9_1 iris    mRNA    75009726        75028623        .       -
        .
ID=Smp_144070.1;Parent=Smp_144070;geneID=Smp_144070;gene_name=Smp_14
4070;owner=irisadmin@local.host;orig_id=Smp_144070.1;date_last_modif
ied=2022-07-18;Name=Smp_144070.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    75009726        75010963        .       -
        .       Parent=Smp_144070.1;Name=be3f84ad-ebaa-40b4-83a2-
eb5fb5b08d33
SM_V9_1 iris    exon    75011805        75014574        .       -
        .       Parent=Smp_144070.1;Name=6fb693e8-31b4-4a16-
af80-417a1af04191
SM_V9_1 iris    exon    75015681        75021366        .       -
        .       Parent=Smp_144070.1;Name=6d541130-fb13-4798-
aa61-651d9a11dd45
SM_V9_1 iris    exon    75028523        75028623        .       -
        .       Parent=Smp_144070.1;Name=5ff49bc3-0be3-4f15-afb4-
d5426809da6f
SM_V9_1 iris    CDS     75009914        75010963        .       -
        0       Parent=Smp_144070.1
SM_V9_1 iris    CDS     75011805        75014574        .       -
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        1       Parent=Smp_144070.1
SM_V9_1 iris    CDS     75015681        75021355        .       -
        0       Parent=Smp_144070.1
SM_V9_1 iris    gene    75037551        75135261        .       +
        .
ID=Smp_144080;geneID=Smp_144080;gene_name=Smp_144080;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75037551        75135261        .       +
        .
ID=Smp_144080.1;Parent=Smp_144080;geneID=Smp_144080;gene_name=Smp_14
4080;owner=irisadmin@local.host;orig_id=Smp_144080.2;date_last_modif
ied=2022-08-12;Name=Smp_144080.1;product=Proprotein convertase
subtilisin/kexin type 6;date_creation=2022-07-18
SM_V9_1 iris    exon    75037551        75037885        .       +
        .
Parent=Smp_144080.1;Name=3d0ab8f3-48d4-4aff-9286-7e524c352ee0
SM_V9_1 iris    exon    75037919        75038014        .       +
        .       Parent=Smp_144080.1;Name=e3a6f8e4-
d506-4bc2-96ce-320cb186479d
SM_V9_1 iris    exon    75038046        75038147        .       +
        .       Parent=Smp_144080.1;Name=f80a22dd-e0d8-485c-8b6c-
eaeb3c6beddb
SM_V9_1 iris    exon    75042204        75042341        .       +
        .       Parent=Smp_144080.1;Name=8802f69b-4ec3-4367-
a6dc-68fc79a9b00f
SM_V9_1 iris    exon    75046628        75046701        .       +
        .       Parent=Smp_144080.1;Name=699e16d4-a3a0-4cc3-aff5-
b34eb25d27dc
SM_V9_1 iris    exon    75050240        75050328        .       +
        .       Parent=Smp_144080.1;Name=54a7d248-341f-4073-8756-
b123fe1b4e62
SM_V9_1 iris    exon    75064507        75064679        .       +
        .       Parent=Smp_144080.1;Name=38b89aa2-88ce-4de0-
a66e-4de6bdbd21ab
SM_V9_1 iris    exon    75079001        75079213        .       +
        .       Parent=Smp_144080.1;Name=82c1337f-c9d7-4ecd-
a255-80ab5c3512a1
SM_V9_1 iris    exon    75084205        75084305        .       +
        .       Parent=Smp_144080.1;Name=88f4eb2c-354f-493e-
b655-181b92670f3c
SM_V9_1 iris    exon    75091819        75091922        .       +
        .       Parent=Smp_144080.1;Name=6a392bc5-a798-408e-86b7-
c02c6927dd43
SM_V9_1 iris    exon    75092494        75092611        .       +
        .       Parent=Smp_144080.1;Name=e34e2fcb-0998-46bd-a655-
ca188bc40aec
SM_V9_1 iris    exon    75094164        75094375        .       +
        .
Parent=Smp_144080.1;Name=5f34699c-9524-4ced-9d89-3df759eecdfb
SM_V9_1 iris    exon    75095421        75095695        .       +
        .       Parent=Smp_144080.1;Name=c775e475-
a45a-417f-99d7-0c91063e288b
SM_V9_1 iris    exon    75101760        75101822        .       +
        .       Parent=Smp_144080.1;Name=1557d2d0-0f80-424f-
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a8d3-20d3954512d0
SM_V9_1 iris    exon    75103471        75103559        .       +
        .
Parent=Smp_144080.1;Name=ed98a903-5936-4d01-83dc-98940f5867f1
SM_V9_1 iris    exon    75106284        75106796        .       +
        .
Parent=Smp_144080.1;Name=1203dca8-4b51-4b18-992f-91dc536a7958
SM_V9_1 iris    exon    75114387        75114514        .       +
        .       Parent=Smp_144080.1;Name=a9928526-61ce-4cf2-994c-
b8b49858f3c3
SM_V9_1 iris    exon    75115862        75115964        .       +
        .       Parent=Smp_144080.1;Name=beff51e8-2882-4a51-
bf5a-3d97bb385fc9
SM_V9_1 iris    exon    75117079        75117354        .       +
        .       Parent=Smp_144080.1;Name=b9794930-dd39-496d-9cae-
be3e6738abd2
SM_V9_1 iris    exon    75120584        75121212        .       +
        .       Parent=Smp_144080.1;Name=c3a88857-75b0-4e11-a067-
d5936dd1f37f
SM_V9_1 iris    exon    75126821        75126933        .       +
        .
Parent=Smp_144080.1;Name=38dabbfc-0441-4d7d-946f-32624381baa1
SM_V9_1 iris    exon    75130109        75130379        .       +
        .       Parent=Smp_144080.1;Name=f15abfd8-
b233-4304-94f7-67ad4d5331fa
SM_V9_1 iris    exon    75132480        75135261        .       +
        .       Parent=Smp_144080.1;Name=6b5eb2ff-bb4a-40c1-8f1f-
e25381902ef9
SM_V9_1 iris    CDS     75037700        75037885        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75037919        75038014        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75038046        75038147        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75042204        75042341        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75046628        75046701        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75050240        75050328        .       +
        1       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75064507        75064679        .       +
        2       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75079001        75079213        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75084205        75084305        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75091819        75091922        .       +
        1       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75092494        75092611        .       +
        2       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75094164        75094375        .       +
        1       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75095421        75095695        .       +
        2       Parent=Smp_144080.1
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SM_V9_1 iris    CDS     75101760        75101822        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75103471        75103559        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75106284        75106796        .       +
        1       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75114387        75114514        .       +
        1       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75115862        75115964        .       +
        2       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75117079        75117354        .       +
        1       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75120584        75121212        .       +
        1       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75126821        75126933        .       +
        2       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75130109        75130379        .       +
        0       Parent=Smp_144080.1
SM_V9_1 iris    CDS     75132480        75133366        .       +
        2       Parent=Smp_144080.1
SM_V9_1 iris    gene    75138171        75148177        .       -
        .
ID=Smp_332630;geneID=Smp_332630;gene_name=Smp_332630;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75138171        75148177        .       -
        .
ID=Smp_332630.1;Parent=Smp_332630;geneID=Smp_332630;gene_name=Smp_33
2630;owner=irisadmin@local.host;orig_id=Smp_332630.1;date_last_modif
ied=2022-07-18;Name=Smp_332630.1;product=Parafibromin;date_creation=
2022-07-18
SM_V9_1 iris    exon    75138171        75138438        .       -
        .       Parent=Smp_332630.1;Name=3e149b41-2944-4c68-
b5fc-83c165edd1f8
SM_V9_1 iris    exon    75138732        75138969        .       -
        .
Parent=Smp_332630.1;Name=0cae7429-8af4-4ed5-9792-981b0ae30c61
SM_V9_1 iris    exon    75141577        75141713        .       -
        .       Parent=Smp_332630.1;Name=d9e4d65e-548e-4cae-86e4-
ae2b6eba7a57
SM_V9_1 iris    exon    75142443        75142971        .       -
        .       Parent=Smp_332630.1;Name=714a9040-a0f1-4518-b9da-
e4d786ba5b06
SM_V9_1 iris    exon    75144377        75144772        .       -
        .       Parent=Smp_332630.1;Name=dbc560a0-f9f6-44bb-
a99a-840e89faaf8a
SM_V9_1 iris    exon    75144852        75145138        .       -
        .
Parent=Smp_332630.1;Name=14ffe50f-1010-4def-8c6c-37250c01bcd8
SM_V9_1 iris    exon    75147656        75147821        .       -
        .       Parent=Smp_332630.1;Name=a14046ca-176d-4fd3-9706-
fa26d6d168b7
SM_V9_1 iris    exon    75147863        75147968        .       -
        .
Parent=Smp_332630.1;Name=8ed635fe-5889-468b-87fb-9c82a7059954
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SM_V9_1 iris    exon    75148008        75148177        .       -
        .       Parent=Smp_332630.1;Name=30916ff9-93c3-4fa4-
b8ef-0812116afd20
SM_V9_1 iris    CDS     75138263        75138438        .       -
        2       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75138732        75138969        .       -
        0       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75141577        75141713        .       -
        2       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75142443        75142971        .       -
        0       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75144377        75144772        .       -
        0       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75144852        75145138        .       -
        2       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75147656        75147821        .       -
        0       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75147863        75147968        .       -
        1       Parent=Smp_332630.1
SM_V9_1 iris    CDS     75148008        75148138        .       -
        0       Parent=Smp_332630.1
SM_V9_1 Liftoff gene    75158807        75163871        .       +
        .       ID=Smp_040270;geneID=Smp_040270
SM_V9_1 Liftoff mRNA    75158807        75163871        .       +
        .
ID=Smp_040270.1;Parent=Smp_040270;geneID=Smp_040270;product=Protein
LTV1 homolog;polypeptide_domain=InterPro:IPR007307 Pfam:PF04180
SM_V9_1 Liftoff exon    75158807        75159204        .       +
        .       Parent=Smp_040270.1
SM_V9_1 Liftoff exon    75159746        75160189        .       +
        .       Parent=Smp_040270.1
SM_V9_1 Liftoff exon    75160228        75160343        .       +
        .       Parent=Smp_040270.1
SM_V9_1 Liftoff exon    75160951        75161111        .       +
        .       Parent=Smp_040270.1
SM_V9_1 Liftoff exon    75163465        75163871        .       +
        .       Parent=Smp_040270.1
SM_V9_1 Liftoff CDS     75159031        75159204        .       +
        0       Parent=Smp_040270.1
SM_V9_1 Liftoff CDS     75159746        75160189        .       +
        0       Parent=Smp_040270.1
SM_V9_1 Liftoff CDS     75160228        75160343        .       +
        0       Parent=Smp_040270.1
SM_V9_1 Liftoff CDS     75160951        75161111        .       +
        1       Parent=Smp_040270.1
SM_V9_1 Liftoff CDS     75163465        75163775        .       +
        2       Parent=Smp_040270.1
SM_V9_1 iris    gene    75166437        75172823        .       -
        .
ID=Smp_040280;geneID=Smp_040280;gene_name=Smp_040280;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75166437        75172823        .       -
        .
ID=Smp_040280.1;Parent=Smp_040280;geneID=Smp_040280;gene_name=Smp_04
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0280;owner=irisadmin@local.host;orig_id=Smp_040280.1;date_last_modif
ied=2022-07-18;Name=Smp_040280.1;product=Protein
CNPPD1;date_creation=2022-07-18
SM_V9_1 iris    exon    75166437        75167022        .       -
        .
Parent=Smp_040280.1;Name=29af8afc-17b5-43fa-87ea-5f363e5688bc
SM_V9_1 iris    exon    75167560        75167886        .       -
        .
Parent=Smp_040280.1;Name=d5057f17-17c1-4bbf-98a1-3eb6444270f6
SM_V9_1 iris    exon    75167927        75168053        .       -
        .
Parent=Smp_040280.1;Name=456f9712-734c-4458-9f9d-06b5b7e0bf62
SM_V9_1 iris    exon    75168094        75168181        .       -
        .       Parent=Smp_040280.1;Name=14a49980-dd40-40b6-
b33f-47ed8e263b81
SM_V9_1 iris    exon    75172649        75172823        .       -
        .       Parent=Smp_040280.1;Name=73bb0fd7-3a85-404b-8aac-
e8ede0d8e0e9
SM_V9_1 iris    CDS     75166723        75167022        .       -
        0       Parent=Smp_040280.1
SM_V9_1 iris    CDS     75167560        75167886        .       -
        0       Parent=Smp_040280.1
SM_V9_1 iris    CDS     75167927        75168053        .       -
        1       Parent=Smp_040280.1
SM_V9_1 iris    CDS     75168094        75168181        .       -
        2       Parent=Smp_040280.1
SM_V9_1 iris    CDS     75172649        75172766        .       -
        0       Parent=Smp_040280.1
SM_V9_1 Liftoff gene    75202415        75202852        .       +
        .       ID=Smp_144100;geneID=Smp_144100
SM_V9_1 Liftoff mRNA    75202415        75202852        .       +
        .
ID=Smp_144100.1;Parent=Smp_144100;geneID=Smp_144100;product=Nephrocy
stin-3
SM_V9_1 Liftoff exon    75202415        75202540        .       +
        .       Parent=Smp_144100.1
SM_V9_1 Liftoff exon    75202799        75202852        .       +
        .       Parent=Smp_144100.1
SM_V9_1 Liftoff CDS     75202415        75202540        .       +
        0       Parent=Smp_144100.1
SM_V9_1 Liftoff CDS     75202799        75202852        .       +
        0       Parent=Smp_144100.1
SM_V9_1 Liftoff gene    75222337        75273418        .       +
        .       ID=Smp_144110;geneID=Smp_144110
SM_V9_1 Liftoff mRNA    75222337        75273418        .       +
        .
ID=Smp_144110.1;Parent=Smp_144110;geneID=Smp_144110;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_1 Liftoff exon    75222337        75273418        .       +
        .       Parent=Smp_144110.1
SM_V9_1 Liftoff CDS     75270642        75272777        .       +
        0       Parent=Smp_144110.1
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SM_V9_1 iris    gene    75325437        75340778        .       +
        .
ID=Smp_144120;geneID=Smp_144120;gene_name=Smp_144120;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75325437        75340778        .       +
        .
ID=Smp_144120.1;Parent=Smp_144120;geneID=Smp_144120;gene_name=Smp_14
4120;owner=irisadmin@local.host;orig_id=Smp_144120.1;date_last_modif
ied=2022-07-18;Name=Smp_144120.1;product=LIM/homeobox protein
Awh;date_creation=2022-07-18
SM_V9_1 iris    exon    75325437        75325723        .       +
        .       Parent=Smp_144120.1;Name=30bfae95-
e694-4c27-8d6d-9e7ec5925f70
SM_V9_1 iris    exon    75327782        75328080        .       +
        .       Parent=Smp_144120.1;Name=3c7c4246-
f3c9-4d54-829f-7f3abba3287f
SM_V9_1 iris    exon    75329440        75329777        .       +
        .       Parent=Smp_144120.1;Name=a5ce7d2a-29d2-4633-b568-
a32b8d4fde27
SM_V9_1 iris    exon    75335662        75336179        .       +
        .       Parent=Smp_144120.1;Name=964e7bca-fa21-404a-bc31-
acb33d61bf7e
SM_V9_1 iris    exon    75337340        75337841        .       +
        .       Parent=Smp_144120.1;Name=9e18b887-
fdef-4e68-8057-8826df3ba848
SM_V9_1 iris    exon    75339918        75340778        .       +
        .       Parent=Smp_144120.1;Name=4416f509-b7d6-4cf4-a3d1-
b0c829ebd399
SM_V9_1 iris    CDS     75325703        75325723        .       +
        0       Parent=Smp_144120.1
SM_V9_1 iris    CDS     75327782        75328080        .       +
        0       Parent=Smp_144120.1
SM_V9_1 iris    CDS     75329440        75329777        .       +
        1       Parent=Smp_144120.1
SM_V9_1 iris    CDS     75335662        75336179        .       +
        2       Parent=Smp_144120.1
SM_V9_1 iris    CDS     75337340        75337841        .       +
        0       Parent=Smp_144120.1
SM_V9_1 iris    CDS     75339918        75340267        .       +
        2       Parent=Smp_144120.1
SM_V9_1 Liftoff gene    75354887        75409894        .       +
        .       ID=Smp_144130;geneID=Smp_144130
SM_V9_1 Liftoff mRNA    75354887        75409894        .       +
        .
ID=Smp_144130.1;Parent=Smp_144130;geneID=Smp_144130;product=Limbic
system-associated membrane
protein;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR007110,IP
R013783 Pfam:PF13927
SM_V9_1 Liftoff exon    75354887        75355229        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75374222        75374475        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75377589        75377805        .       +
        .       Parent=Smp_144130.1
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SM_V9_1 Liftoff exon    75378760        75378930        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75382466        75382594        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75384316        75384504        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75390124        75390258        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75395708        75395737        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75399594        75399680        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff exon    75409290        75409894        .       +
        .       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75355109        75355229        .       +
        0       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75374222        75374475        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75377589        75377805        .       +
        0       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75378760        75378930        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75382466        75382594        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75384316        75384504        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75390124        75390258        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75395708        75395737        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75399594        75399680        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff CDS     75409290        75409618        .       +
        2       Parent=Smp_144130.1
SM_V9_1 Liftoff mRNA    75354887        75409894        .       +
        .
ID=Smp_144130.2;Parent=Smp_144130;geneID=Smp_144130;product=Limbic
system-associated membrane
protein;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR007110,IP
R013783 Pfam:PF13927
SM_V9_1 Liftoff exon    75354887        75355229        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75374222        75374475        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75377589        75377805        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75378760        75378930        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75382466        75382594        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75384316        75384504        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75390124        75390258        .       +
        .       Parent=Smp_144130.2
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SM_V9_1 Liftoff exon    75395708        75395737        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75399594        75399680        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff exon    75409359        75409894        .       +
        .       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75355109        75355229        .       +
        0       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75374222        75374475        .       +
        2       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75377589        75377805        .       +
        0       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75378760        75378930        .       +
        2       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75382466        75382594        .       +
        2       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75384316        75384504        .       +
        2       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75390124        75390258        .       +
        2       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75395708        75395737        .       +
        2       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75399594        75399680        .       +
        2       Parent=Smp_144130.2
SM_V9_1 Liftoff CDS     75409359        75409618        .       +
        2       Parent=Smp_144130.2
SM_V9_1 iris    gene    75422457        75428183        .       -
        .
ID=Smp_144140;geneID=Smp_144140;gene_name=Smp_144140;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75422457        75428183        .       -
        .
ID=Smp_144140.1;Parent=Smp_144140;geneID=Smp_144140;gene_name=Smp_14
4140;owner=irisadmin@local.host;orig_id=Smp_144140.1;date_last_modif
ied=2022-07-18;Name=Smp_144140.1;product=Zinc transporter
ZIP3;date_creation=2022-07-18
SM_V9_1 iris    exon    75422457        75424173        .       -
        .
Parent=Smp_144140.1;Name=d6bf7e44-2b08-4a11-8086-590cabf72a56
SM_V9_1 iris    exon    75426507        75426849        .       -
        .
Parent=Smp_144140.1;Name=ca9a1b0b-6c0e-400a-834a-920ca73c050f
SM_V9_1 iris    exon    75426852        75427313        .       -
        .       Parent=Smp_144140.1;Name=e95aa36e-377d-452a-
ae05-31fec7b13a5e
SM_V9_1 iris    exon    75428150        75428183        .       -
        .       Parent=Smp_144140.1;Name=72612de7-3dcc-4462-
a4bc-75fabfd5b476
SM_V9_1 iris    CDS     75423035        75424173        .       -
        2       Parent=Smp_144140.1
SM_V9_1 iris    CDS     75426507        75426849        .       -
        0       Parent=Smp_144140.1
SM_V9_1 iris    CDS     75426852        75427313        .       -
        0       Parent=Smp_144140.1
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SM_V9_1 iris    CDS     75428150        75428152        .       -
        0       Parent=Smp_144140.1
SM_V9_1 Liftoff gene    75445821        75465102        .       +
        .       ID=Smp_040350;geneID=Smp_040350
SM_V9_1 Liftoff mRNA    75445821        75465102        .       +
        .
ID=Smp_040350.1;Parent=Smp_040350;geneID=Smp_040350;product=DNA-
binding protein RFX7;polypeptide_domain=InterPro:IPR003150,IPR011991
Pfam:PF02257;Ontology_term=GO:0003677,GO:0006355
SM_V9_1 Liftoff exon    75445821        75446057        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75446099        75446437        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75450114        75450230        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75455306        75455802        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75456932        75457030        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75457729        75458081        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75458511        75458794        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75458957        75459046        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75459130        75459244        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75459969        75460415        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75461019        75461673        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75462586        75462659        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff exon    75464304        75465102        .       +
        .       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75445975        75446057        .       +
        0       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75446099        75446437        .       +
        1       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75450114        75450230        .       +
        1       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75455306        75455802        .       +
        1       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75456932        75457030        .       +
        2       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75457729        75458081        .       +
        2       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75458511        75458794        .       +
        0       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75458957        75459046        .       +
        1       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75459130        75459244        .       +
        1       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75459969        75460415        .       +
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        0       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75461019        75461673        .       +
        0       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75462586        75462659        .       +
        2       Parent=Smp_040350.1
SM_V9_1 Liftoff CDS     75464304        75464357        .       +
        0       Parent=Smp_040350.1
SM_V9_1 Liftoff gene    75481759        75499034        .       +
        .       ID=Smp_040360;geneID=Smp_040360
SM_V9_1 Liftoff mRNA    75481759        75499034        .       +
        .
ID=Smp_040360.1;Parent=Smp_040360;geneID=Smp_040360;product=Endoplas
mic reticulum-Golgi intermediate compartment protein
3;polypeptide_domain=InterPro:IPR012936 Pfam:PF07970,PF13850
SM_V9_1 Liftoff exon    75481759        75481894        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75481940        75482098        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75482136        75482252        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75482284        75482368        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75484920        75485175        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75486362        75486458        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75490252        75490316        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75497253        75497308        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff exon    75498633        75499034        .       +
        .       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75481804        75481894        .       +
        0       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75481940        75482098        .       +
        2       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75482136        75482252        .       +
        2       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75482284        75482368        .       +
        2       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75484920        75485175        .       +
        1       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75486362        75486458        .       +
        0       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75490252        75490316        .       +
        2       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75497253        75497308        .       +
        0       Parent=Smp_040360.1
SM_V9_1 Liftoff CDS     75498633        75498684        .       +
        1       Parent=Smp_040360.1
SM_V9_1 iris    gene    75501510        75554659        .       -
        .
ID=Smp_144160;geneID=Smp_144160;gene_name=Smp_144160;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
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SM_V9_1 iris    mRNA    75501510        75554659        .       -
       .
ID=Smp_144160.1;Parent=Smp_144160;geneID=Smp_144160;gene_name=Smp_14
4160;owner=irisadmin@local.host;orig_id=Smp_144160.1;date_last_modif
ied=2022-07-18;Name=Smp_144160.1;product=Telomere-associated protein
RIF1;date_creation=2022-07-18
SM_V9_1 iris    exon    75501510        75502387        .       -
       .       Parent=Smp_144160.1;Name=6350bb36-d220-476c-8dfd-
b8f1a550f57e
SM_V9_1 iris    exon    75505882        75506485        .       -
       .       Parent=Smp_144160.1;Name=96b2014f-84ae-4e20-a0e8-
feca161d490d
SM_V9_1 iris    exon    75507291        75507690        .       -
       .       Parent=Smp_144160.1;Name=4eb4542d-446f-439e-
a9e0-56e34314a21e
SM_V9_1 iris    exon    75508964        75509173        .       -
       .
Parent=Smp_144160.1;Name=3acb49bf-20f1-409e-8318-5904979b7b27
SM_V9_1 iris    exon    75510899        75511084        .       -
       .       Parent=Smp_144160.1;Name=e4ac48ce-83f7-431a-
b6e7-2a967a6a5233
SM_V9_1 iris    exon    75512396        75512498        .       -
       .       Parent=Smp_144160.1;Name=02810e83-ff85-408c-9eb6-
fe8cff85f627
SM_V9_1 iris    exon    75514228        75514276        .       -
       .       Parent=Smp_144160.1;Name=a061e783-7ce7-4356-
a46b-48d661bead62
SM_V9_1 iris    exon    75516647        75516940        .       -
       .       Parent=Smp_144160.1;Name=c18bd4e7-7d21-415f-bad3-
f620033ca411
SM_V9_1 iris    exon    75518072        75518160        .       -
       .       Parent=Smp_144160.1;Name=ba4e7ff7-c431-4b6b-a428-
aa6d4c64668e
SM_V9_1 iris    exon    75518679        75519094        .       -
       .       Parent=Smp_144160.1;Name=8dcf8cad-14f8-45a0-a5b8-
b2117958eb0b
SM_V9_1 iris    exon    75519928        75520108        .       -
       .       Parent=Smp_144160.1;Name=2def5cf1-9109-4e67-
a9b5-0c8b9a7da621
SM_V9_1 iris    exon    75520871        75521310        .       -
       .
Parent=Smp_144160.1;Name=7e7b7423-3c5d-42b0-960e-34fe6977248c
SM_V9_1 iris    exon    75522686        75522929        .       -
       .       Parent=Smp_144160.1;Name=840c3932-b2d4-4d9c-bc08-
a03e461b728f
SM_V9_1 iris    exon    75523371        75523541        .       -
       .
Parent=Smp_144160.1;Name=5daa52d5-70ea-4a1c-8070-3d9ee17090a3
SM_V9_1 iris    exon    75524451        75524663        .       -
       .       Parent=Smp_144160.1;Name=75412dc2-3cf5-4812-
b32a-303880423b5e
SM_V9_1 iris    exon    75526163        75526290        .       -
       .
Parent=Smp_144160.1;Name=9445ea46-6c3f-42f1-9c44-865d149eebdf
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SM_V9_1 iris    exon    75526391        75526484        .       -
        .       Parent=Smp_144160.1;Name=135f5248-d089-4577-
a5d7-086d0bb2569c
SM_V9_1 iris    exon    75528161        75528322        .       -
        .       Parent=Smp_144160.1;Name=2489b3d3-06db-4ac2-
b1ef-7a15fa4981bf
SM_V9_1 iris    exon    75529838        75530064        .       -
        .       Parent=Smp_144160.1;Name=f944501d-39be-4037-807c-
e4d82f2fd4b9
SM_V9_1 iris    exon    75530838        75531079        .       -
        .       Parent=Smp_144160.1;Name=7711deec-693d-4132-8fd6-
c96c1b6126c8
SM_V9_1 iris    exon    75531203        75531273        .       -
        .
Parent=Smp_144160.1;Name=b5e52b85-1988-43bc-9a42-8f73a574c50e
SM_V9_1 iris    exon    75531835        75531921        .       -
        .       Parent=Smp_144160.1;Name=1a4ed21d-7233-4b83-
b67a-1285201f1cad
SM_V9_1 iris    exon    75533521        75533580        .       -
        .       Parent=Smp_144160.1;Name=9c60b0a2-34a1-4b5b-87e6-
a64b736778c2
SM_V9_1 iris    exon    75535325        75535498        .       -
        .       Parent=Smp_144160.1;Name=f140f773-0dc6-4af0-83a1-
a5ffd76b6eb2
SM_V9_1 iris    exon    75536215        75536450        .       -
        .       Parent=Smp_144160.1;Name=7c3d3439-
b1c1-4368-81f8-180a96e9e1ee
SM_V9_1 iris    exon    75539857        75539985        .       -
        .       Parent=Smp_144160.1;Name=84e57ab6-
aab7-463c-97c6-1f7b63c7256b
SM_V9_1 iris    exon    75541721        75541787        .       -
        .
Parent=Smp_144160.1;Name=de4f823f-37c5-4929-91ab-63294b54829d
SM_V9_1 iris    exon    75542666        75542808        .       -
        .       Parent=Smp_144160.1;Name=89ebb3f5-
e1c9-4ec4-821e-30d8110459a4
SM_V9_1 iris    exon    75543029        75543227        .       -
        .       Parent=Smp_144160.1;Name=0c0bc0a1-3be3-45ac-86e2-
e3f7889bacb3
SM_V9_1 iris    exon    75546857        75546946        .       -
        .       Parent=Smp_144160.1;Name=bbbd5750-3702-4528-93b1-
d9057bcb011e
SM_V9_1 iris    exon    75548493        75548733        .       -
        .       Parent=Smp_144160.1;Name=3c5abc26-cea0-49c3-af97-
ab42911f9028
SM_V9_1 iris    exon    75554043        75554104        .       -
        .       Parent=Smp_144160.1;Name=853ab01c-525f-49fe-
ae1a-120f94893b2f
SM_V9_1 iris    exon    75554164        75554320        .       -
        .       Parent=Smp_144160.1;Name=a6d7d8bb-
cba5-4408-9cf2-5371e39971d4
SM_V9_1 iris    exon    75554357        75554512        .       -
        .       Parent=Smp_144160.1;Name=e8b9bacf-d313-4861-9e65-
c4c6e92c2ed9
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SM_V9_1 iris    exon    75554544        75554659        .       -
        .
Parent=Smp_144160.1;Name=0bfcdea8-543c-4624-8b4f-2e71ec7d085a
SM_V9_1 iris    CDS     75502004        75502387        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75505882        75506485        .       -
        1       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75507291        75507690        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75508964        75509173        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75510899        75511084        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75512396        75512498        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75514228        75514276        .       -
        1       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75516647        75516940        .       -
        1       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75518072        75518160        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75518679        75519094        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75519928        75520108        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75520871        75521310        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75522686        75522929        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75523371        75523541        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75524451        75524663        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75526163        75526290        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75526391        75526484        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75528161        75528322        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75529838        75530064        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75530838        75531079        .       -
        1       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75531203        75531273        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75531835        75531921        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75533521        75533580        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75535325        75535498        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75536215        75536450        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75539857        75539985        .       -
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        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75541721        75541787        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75542666        75542808        .       -
        2       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75543029        75543227        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75546857        75546946        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75548493        75548733        .       -
        1       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75554043        75554104        .       -
        0       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75554164        75554320        .       -
        1       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75554357        75554512        .       -
        1       Parent=Smp_144160.1
SM_V9_1 iris    CDS     75554544        75554623        .       -
        0       Parent=Smp_144160.1
SM_V9_1 Liftoff gene    75568751        75589398        .       +
        .       ID=Smp_144170;geneID=Smp_144170
SM_V9_1 Liftoff mRNA    75568751        75589398        .       +
        .
ID=Smp_144170.1;Parent=Smp_144170;geneID=Smp_144170;product=nuclear
receptor subfamily 1;evidence=Traceable Author
Statement;literature=PMID:16406405
PMID:17173548;polypeptide_domain=InterPro:IPR000536,IPR001628,IPR001
723,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003677,GO:0003700,GO:0003707,
GO:0005634,GO:0006355,GO:0008270,GO:0043401,GO:0043565
SM_V9_1 Liftoff exon    75568751        75574649        .       +
        .       Parent=Smp_144170.1
SM_V9_1 Liftoff exon    75576447        75576583        .       +
        .       Parent=Smp_144170.1
SM_V9_1 Liftoff exon    75579401        75579542        .       +
        .       Parent=Smp_144170.1
SM_V9_1 Liftoff exon    75582854        75583299        .       +
        .       Parent=Smp_144170.1
SM_V9_1 Liftoff exon    75584627        75584797        .       +
        .       Parent=Smp_144170.1
SM_V9_1 Liftoff exon    75586081        75586339        .       +
        .       Parent=Smp_144170.1
SM_V9_1 Liftoff exon    75588155        75589398        .       +
        .       Parent=Smp_144170.1
SM_V9_1 Liftoff CDS     75573923        75574649        .       +
        0       Parent=Smp_144170.1
SM_V9_1 Liftoff CDS     75576447        75576583        .       +
        2       Parent=Smp_144170.1
SM_V9_1 Liftoff CDS     75579401        75579542        .       +
        0       Parent=Smp_144170.1
SM_V9_1 Liftoff CDS     75582854        75583299        .       +
        2       Parent=Smp_144170.1
SM_V9_1 Liftoff CDS     75584627        75584797        .       +
        0       Parent=Smp_144170.1
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SM_V9_1 Liftoff CDS     75586081        75586339        .       +
        0       Parent=Smp_144170.1
SM_V9_1 Liftoff CDS     75588155        75588417        .       +
        2       Parent=Smp_144170.1
SM_V9_1 iris    gene    75604711        75616101        .       -
        .
ID=Smp_040390;geneID=Smp_040390;gene_name=Smp_040390;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_1 iris    mRNA    75604711        75616101        .       -
        .
ID=Smp_040390.1;Parent=Smp_040390;geneID=Smp_040390;gene_name=Smp_04
0390;owner=irisadmin@local.host;orig_id=Smp_040390.1;date_last_modif
ied=2022-09-05;Name=Smp_040390.1;product=Transcription factor
Sp8;date_creation=2022-09-05
SM_V9_1 iris    exon    75604711        75605568        .       -
        .       Parent=Smp_040390.1;Name=36a4edc1-
ca85-49dc-8461-8860f9966843
SM_V9_1 iris    exon    75605673        75606489        .       -
        .
Parent=Smp_040390.1;Name=955cea26-05d9-458e-9ca2-8a5f58ac60a4
SM_V9_1 iris    exon    75615993        75616101        .       -
        .       Parent=Smp_040390.1;Name=b540af66-56ac-463a-b651-
e3c5573bee9d
SM_V9_1 iris    CDS     75604852        75605568        .       -
        0       Parent=Smp_040390.1
SM_V9_1 iris    CDS     75605673        75606479        .       -
        0       Parent=Smp_040390.1
SM_V9_1 iris    gene    75645059        75687921        .       +
        .
ID=Smp_144180;geneID=Smp_144180;gene_name=Smp_144180;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75645059        75687921        .       +
        .
ID=Smp_144180.1;Parent=Smp_144180;geneID=Smp_144180;gene_name=Smp_14
4180;owner=irisadmin@local.host;orig_id=Smp_144180.2;date_last_modif
ied=2022-07-18;Name=Smp_144180.1;product=Histone-lysine N-
methyltransferase 2A;date_creation=2022-07-18
SM_V9_1 iris    exon    75645059        75645317        .       +
        .
Parent=Smp_144180.1;Name=4eb312eb-73e6-4c53-8413-50a7a842ecf6
SM_V9_1 iris    exon    75645352        75645641        .       +
        .       Parent=Smp_144180.1;Name=089178d0-eb90-474b-8e8e-
e77dff54a2b2
SM_V9_1 iris    exon    75646481        75646596        .       +
        .       Parent=Smp_144180.1;Name=436903f3-1766-4819-
bdb5-7f04142a3334
SM_V9_1 iris    exon    75647898        75649099        .       +
        .       Parent=Smp_144180.1;Name=b03b9caf-9b08-4657-
abaa-3d7191c7e3c4
SM_V9_1 iris    exon    75652534        75652876        .       +
        .       Parent=Smp_144180.1;Name=79898c11-
bb64-4d74-9087-36fee93ab680
SM_V9_1 iris    exon    75654192        75654519        .       +
        .       Parent=Smp_144180.1;Name=984e50c1-7e22-4f76-a7ea-
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acaa019780a3
SM_V9_1 iris    exon    75655207        75655245        .       +
        .       Parent=Smp_144180.1;Name=9696cd6d-89cd-4b4d-ac02-
b6d18e9751af
SM_V9_1 iris    exon    75655597        75655666        .       +
        .       Parent=Smp_144180.1;Name=d7ea5957-
cb74-4c21-8d23-9443e7a0dc6c
SM_V9_1 iris    exon    75657193        75657606        .       +
        .       Parent=Smp_144180.1;Name=096c6240-4608-46df-a9fb-
d38479133d44
SM_V9_1 iris    exon    75661231        75661341        .       +
        .
Parent=Smp_144180.1;Name=bccec258-755c-409f-8d9d-3d9430565922
SM_V9_1 iris    exon    75662799        75663020        .       +
        .       Parent=Smp_144180.1;Name=33ab9600-
ea5c-4fb1-92a6-381f41569639
SM_V9_1 iris    exon    75664516        75664786        .       +
        .       Parent=Smp_144180.1;Name=d45bd8c5-ae14-4a2d-a61c-
f4b7b14ed261
SM_V9_1 iris    exon    75665899        75666470        .       +
        .
Parent=Smp_144180.1;Name=a7a402f9-76e4-4286-92f8-960639faf760
SM_V9_1 iris    exon    75667421        75668059        .       +
        .       Parent=Smp_144180.1;Name=b9f9e74a-d572-4ee9-
a262-076b5cdaded2
SM_V9_1 iris    exon    75669649        75669811        .       +
        .       Parent=Smp_144180.1;Name=4ec85470-1472-4af4-99f7-
eab7085c1616
SM_V9_1 iris    exon    75670983        75671387        .       +
        .       Parent=Smp_144180.1;Name=d8fee539-2cff-444a-8902-
da8b10ce8a1a
SM_V9_1 iris    exon    75672718        75673391        .       +
        .       Parent=Smp_144180.1;Name=5f3430c6-3f6c-4b49-ad91-
d46b16ade6d3
SM_V9_1 iris    exon    75674075        75674593        .       +
        .       Parent=Smp_144180.1;Name=ad836d59-b69b-4d7e-
a884-43f407ab30ce
SM_V9_1 iris    exon    75674695        75675080        .       +
        .       Parent=Smp_144180.1;Name=de8a0b9b-43dd-4295-
bff9-85bfbba07d12
SM_V9_1 iris    exon    75676172        75676824        .       +
        .       Parent=Smp_144180.1;Name=b787ce5b-
dfa8-4d58-9212-55e007d269b8
SM_V9_1 iris    exon    75677889        75678104        .       +
        .       Parent=Smp_144180.1;Name=f8a7b7e7-2e82-4736-b3be-
f2650ab4d99e
SM_V9_1 iris    exon    75678882        75679317        .       +
        .       Parent=Smp_144180.1;Name=bdf041ca-72da-43da-b68f-
e84cc6002ffb
SM_V9_1 iris    exon    75680409        75680460        .       +
        .       Parent=Smp_144180.1;Name=44a13606-f96f-4b5f-
b6c2-012391089bd6
SM_V9_1 iris    exon    75680954        75681349        .       +
        .       Parent=Smp_144180.1;Name=3d98a7e0-114f-41ca-
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a7a6-1ff87fe86568
SM_V9_1 iris    exon    75681972        75682110        .       +
        .       Parent=Smp_144180.1;Name=22f8bbc1-f5a1-4a9c-8230-
c35b1b5b01d3
SM_V9_1 iris    exon    75682534        75682670        .       +
        .       Parent=Smp_144180.1;Name=7ca2fe01-40ff-475b-
a587-0174095fc0dc
SM_V9_1 iris    exon    75682965        75683486        .       +
        .       Parent=Smp_144180.1;Name=6ae46f1b-51e5-4a3e-
aaef-07a7d6464c33
SM_V9_1 iris    exon    75684392        75684685        .       +
        .       Parent=Smp_144180.1;Name=b7751a2e-bae5-4394-97f9-
f5b105d04105
SM_V9_1 iris    exon    75686511        75686578        .       +
        .       Parent=Smp_144180.1;Name=7cedf893-
af96-4115-8cac-19ad45c452bc
SM_V9_1 iris    exon    75687283        75687921        .       +
        .
Parent=Smp_144180.1;Name=d13d50c3-797f-4ad4-88ee-949ae3d3d67a
SM_V9_1 iris    CDS     75645111        75645317        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75645352        75645641        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75646481        75646596        .       +
        1       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75647898        75649099        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75652534        75652876        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75654192        75654519        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75655207        75655245        .       +
        1       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75655597        75655666        .       +
        1       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75657193        75657606        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75661231        75661341        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75662799        75663020        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75664516        75664786        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75665899        75666470        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75667421        75668059        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75669649        75669811        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75670983        75671387        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75672718        75673391        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75674075        75674593        .       +
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        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75674695        75675080        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75676172        75676824        .       +
        1       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75677889        75678104        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75678882        75679317        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75680409        75680460        .       +
        1       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75680954        75681349        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75681972        75682110        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75682534        75682670        .       +
        2       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75682965        75683486        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75684392        75684685        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75686511        75686578        .       +
        0       Parent=Smp_144180.1
SM_V9_1 iris    CDS     75687283        75687388        .       +
        1       Parent=Smp_144180.1
SM_V9_1 Liftoff gene    75690172        75713087        .       -
        .       ID=Smp_144190;geneID=Smp_144190
SM_V9_1 Liftoff mRNA    75690172        75713087        .       -
        .
ID=Smp_144190.1;Parent=Smp_144190;geneID=Smp_144190;product=Leucine-
rich repeat-containing protein
49;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF14580;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    75690172        75690455        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff exon    75692065        75692607        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff exon    75695536        75695733        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff exon    75697266        75698064        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff exon    75699658        75699875        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff exon    75703585        75703735        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff exon    75706929        75707405        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff exon    75709450        75713087        .       -
        .       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75690312        75690455        .       -
        0       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75692065        75692607        .       -
        0       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75695536        75695733        .       -
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        0       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75697266        75698064        .       -
        1       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75699658        75699875        .       -
        0       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75703585        75703735        .       -
        1       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75706929        75707405        .       -
        1       Parent=Smp_144190.1
SM_V9_1 Liftoff CDS     75709450        75709595        .       -
        0       Parent=Smp_144190.1
SM_V9_1 iris    gene    75720077        75749921        .       +
        .
ID=Smp_331720;geneID=Smp_331720;gene_name=Smp_331720;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75720077        75749921        .       +
        .
ID=Smp_331720.1;Parent=Smp_331720;geneID=Smp_331720;gene_name=Smp_33
1720;owner=irisadmin@local.host;orig_id=Smp_331720.1;date_last_modif
ied=2022-07-18;Name=Smp_331720.1;product=Centrosomal protein of 76
kDa;date_creation=2022-07-18
SM_V9_1 iris    exon    75720077        75720628        .       +
        .       Parent=Smp_331720.1;Name=a6096779-d774-4a5b-81f5-
d3be134b3442
SM_V9_1 iris    exon    75727342        75727560        .       +
        .       Parent=Smp_331720.1;Name=3190c8d4-2859-4886-
abca-755cf4a2f1fb
SM_V9_1 iris    exon    75728748        75729070        .       +
        .       Parent=Smp_331720.1;Name=c54c93a6-0e86-4b96-
b2b6-958331c27ae7
SM_V9_1 iris    exon    75730876        75731015        .       +
        .       Parent=Smp_331720.1;Name=fbfc9343-9e08-4b17-95d1-
e782f434b046
SM_V9_1 iris    exon    75731939        75732117        .       +
        .       Parent=Smp_331720.1;Name=29573293-a6ac-4a52-a93e-
bb47eb53fb4b
SM_V9_1 iris    exon    75735170        75735358        .       +
        .       Parent=Smp_331720.1;Name=936971ac-
f71c-4f9b-87d2-7c97d9a344f9
SM_V9_1 iris    exon    75736857        75737246        .       +
        .       Parent=Smp_331720.1;Name=418a1652-0c2d-4ea5-a17a-
ef475993f177
SM_V9_1 iris    exon    75739696        75739944        .       +
        .       Parent=Smp_331720.1;Name=44bdc0c2-3871-4405-
b166-79142e4152fc
SM_V9_1 iris    exon    75749297        75749921        .       +
        .       Parent=Smp_331720.1;Name=b1756eb8-2873-4e15-
afef-218fddaa9585
SM_V9_1 iris    CDS     75720278        75720628        .       +
        0       Parent=Smp_331720.1
SM_V9_1 iris    CDS     75727342        75727560        .       +
        0       Parent=Smp_331720.1
SM_V9_1 iris    CDS     75728748        75729070        .       +
        0       Parent=Smp_331720.1
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SM_V9_1 iris    CDS     75730876        75731015        .       +
        1       Parent=Smp_331720.1
SM_V9_1 iris    CDS     75731939        75732117        .       +
        2       Parent=Smp_331720.1
SM_V9_1 iris    CDS     75735170        75735358        .       +
        0       Parent=Smp_331720.1
SM_V9_1 iris    CDS     75736857        75737246        .       +
        0       Parent=Smp_331720.1
SM_V9_1 iris    CDS     75739696        75739878        .       +
        0       Parent=Smp_331720.1
SM_V9_1 iris    gene    75775315        75783335        .       +
        .
ID=Smp_241860;geneID=Smp_241860;gene_name=Smp_241860;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75775315        75783335        .       +
        .
ID=Smp_241860.1;Parent=Smp_241860;geneID=Smp_241860;gene_name=Smp_24
1860;owner=irisadmin@local.host;orig_id=Smp_241860.1;date_last_modif
ied=2022-07-18;Name=Smp_241860.1;product=Ribosome biogenesis protein
WDR12 homolog;date_creation=2022-07-18
SM_V9_1 iris    exon    75775315        75775418        .       +
        .       Parent=Smp_241860.1;Name=caa8b2cb-3e45-4511-
bd14-3f7e740ed707
SM_V9_1 iris    exon    75775454        75775539        .       +
        .       Parent=Smp_241860.1;Name=8d89944d-fc8f-4af2-8309-
cb6784ec4ed7
SM_V9_1 iris    exon    75775572        75775675        .       +
        .
Parent=Smp_241860.1;Name=4dd87db6-32e0-4f3c-977e-5d6df1808274
SM_V9_1 iris    exon    75775711        75775814        .       +
        .
Parent=Smp_241860.1;Name=6ff2189a-59df-40d6-87ed-3d729be720de
SM_V9_1 iris    exon    75776989        75777104        .       +
        .       Parent=Smp_241860.1;Name=17726d40-6ccb-4bbd-a10f-
e3ab59b0e34a
SM_V9_1 iris    exon    75781034        75781258        .       +
        .       Parent=Smp_241860.1;Name=49421d90-7ad8-411f-
b2ea-3a6cd0405750
SM_V9_1 iris    exon    75781360        75781439        .       +
        .       Parent=Smp_241860.1;Name=2a1561ba-
bc90-467b-9ad6-0bb1675c0b5b
SM_V9_1 iris    exon    75781720        75782011        .       +
        .       Parent=Smp_241860.1;Name=3c276c78-
efd9-43b8-90a8-578720904e90
SM_V9_1 iris    exon    75782839        75783335        .       +
        .       Parent=Smp_241860.1;Name=70c1d668-f06e-43bf-
b40a-2e7896752804
SM_V9_1 iris    CDS     75775375        75775418        .       +
        0       Parent=Smp_241860.1
SM_V9_1 iris    CDS     75775454        75775539        .       +
        1       Parent=Smp_241860.1
SM_V9_1 iris    CDS     75775572        75775675        .       +
        2       Parent=Smp_241860.1
SM_V9_1 iris    CDS     75775711        75775814        .       +
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        0       Parent=Smp_241860.1
SM_V9_1 iris    CDS     75776989        75777104        .       +
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SM_V9_1 iris    CDS     75781034        75781258        .       +
        2       Parent=Smp_241860.1
SM_V9_1 iris    CDS     75781360        75781439        .       +
        2       Parent=Smp_241860.1
SM_V9_1 iris    CDS     75781720        75782011        .       +
        0       Parent=Smp_241860.1
SM_V9_1 iris    CDS     75782839        75783128        .       +
        2       Parent=Smp_241860.1
SM_V9_1 iris    gene    75785730        75788982        .       +
        .
ID=Smp_196910;geneID=Smp_196910;gene_name=Smp_196910;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_1 iris    mRNA    75785730        75788982        .       +
        .
ID=Smp_196910.1;Parent=Smp_196910;geneID=Smp_196910;gene_name=Smp_19
6910;owner=irisadmin@local.host;orig_id=Smp_196910.1;date_last_modif
ied=2022-08-30;Name=Smp_196910.1;product=Protein KTI12
homolog;date_creation=2022-08-30
SM_V9_1 iris    exon    75785730        75786013        .       +
        .       Parent=Smp_196910.1;Name=c3036e08-40d3-4a62-
a456-9fd31681a368
SM_V9_1 iris    exon    75786438        75786608        .       +
        .
Parent=Smp_196910.1;Name=56b4c6db-0dda-4050-976d-26915ea4dbe3
SM_V9_1 iris    exon    75787489        75787734        .       +
        .       Parent=Smp_196910.1;Name=be6209d7-ac70-42ae-9216-
ad4a88614ca6
SM_V9_1 iris    exon    75788432        75788982        .       +
        .       Parent=Smp_196910.1;Name=b1a4ed2f-cd0a-49b0-b236-
e539eb0e6a11
SM_V9_1 iris    CDS     75785786        75786013        .       +
        0       Parent=Smp_196910.1
SM_V9_1 iris    CDS     75786438        75786608        .       +
        0       Parent=Smp_196910.1
SM_V9_1 iris    CDS     75787489        75787734        .       +
        0       Parent=Smp_196910.1
SM_V9_1 iris    CDS     75788432        75788737        .       +
        0       Parent=Smp_196910.1
SM_V9_1 Liftoff gene    75790721        75803277        .       -
        .       ID=Smp_040460;geneID=Smp_040460
SM_V9_1 Liftoff mRNA    75790721        75803277        .       -
        .
ID=Smp_040460.1;Parent=Smp_040460;geneID=Smp_040460;product=YTH
domain-containing family protein
2;polypeptide_domain=InterPro:IPR007275
Pfam:PF04146;Ontology_term=GO:0003723
SM_V9_1 Liftoff exon    75790721        75791935        .       -
        .       Parent=Smp_040460.1
SM_V9_1 Liftoff exon    75793900        75794964        .       -
        .       Parent=Smp_040460.1
SM_V9_1 Liftoff exon    75796343        75803277        .       -
```

```
        .       Parent=Smp_040460.1
SM_V9_1 Liftoff CDS     75791897        75791935        .       -
        0       Parent=Smp_040460.1
SM_V9_1 Liftoff CDS     75793900        75794964        .       -
        0       Parent=Smp_040460.1
SM_V9_1 Liftoff CDS     75796343        75797449        .       -
        0       Parent=Smp_040460.1
SM_V9_1 iris    gene    75809295        75811109        .       +
        .
ID=Smp_144200;geneID=Smp_144200;gene_name=Smp_144200;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75809295        75811109        .       +
        .
ID=Smp_144200.1;Parent=Smp_144200;geneID=Smp_144200;gene_name=Smp_14
4200;owner=irisadmin@local.host;orig_id=Smp_144200.1;date_last_modif
ied=2022-09-05;Name=Smp_144200.1;product=Protein N-terminal
glutamine amidohydrolase;date_creation=2022-07-18
SM_V9_1 iris    exon    75809295        75809428        .       +
        .       Parent=Smp_144200.1;Name=269e951f-12fd-4f56-8b78-
c5bbcc8c049f
SM_V9_1 iris    exon    75809465        75809615        .       +
        .       Parent=Smp_144200.1;Name=c4f6ede1-925e-409c-8cd6-
c4cb6a5d1a2c
SM_V9_1 iris    exon    75809651        75809744        .       +
        .       Parent=Smp_144200.1;Name=23e3f932-e5aa-4177-
a0a5-7ca4b8ffc6dc
SM_V9_1 iris    exon    75809779        75809835        .       +
        .       Parent=Smp_144200.1;Name=8008022f-b0fe-460d-9b0d-
ba3391df99df
SM_V9_1 iris    exon    75809877        75810022        .       +
        .       Parent=Smp_144200.1;Name=ef4223fb-f65b-4b49-
a478-8fa1b7620383
SM_V9_1 iris    exon    75810752        75811109        .       +
        .       Parent=Smp_144200.1;Name=3d5d46c2-27bc-44f1-
b006-8cc92a493629
SM_V9_1 iris    CDS     75809563        75809615        .       +
        0       Parent=Smp_144200.1
SM_V9_1 iris    CDS     75809651        75809744        .       +
        1       Parent=Smp_144200.1
SM_V9_1 iris    CDS     75809779        75809835        .       +
        0       Parent=Smp_144200.1
SM_V9_1 iris    CDS     75809877        75810022        .       +
        0       Parent=Smp_144200.1
SM_V9_1 iris    CDS     75810752        75811013        .       +
        1       Parent=Smp_144200.1
SM_V9_1 Liftoff gene    75820865        75887343        .       +
        .       ID=Smp_144210;geneID=Smp_144210
SM_V9_1 Liftoff mRNA    75820865        75887343        .       +
        .
ID=Smp_144210.1;Parent=Smp_144210;geneID=Smp_144210;product=Death-
associated protein kinase
1;polypeptide_domain=InterPro:IPR002110,IPR020683,IPR027417
Pfam:PF00023,PF12796;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    75820865        75830243        .       +
```

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        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75831674        75831781        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75839689        75839787        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75843612        75843713        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75847487        75847585        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75849200        75849298        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75852658        75852756        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75854570        75854668        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75859988        75860065        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75862906        75863101        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75866810        75866902        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75872038        75872232        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75874981        75875125        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75876787        75876901        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75879169        75879354        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75880544        75881578        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff exon    75885806        75887343        .       +
        .       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75830184        75830243        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75831674        75831781        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75839689        75839787        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75843612        75843713        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75847487        75847585        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75849200        75849298        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75852658        75852756        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75854570        75854668        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75859988        75860065        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75862906        75863101        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75866810        75866902        .       +
```

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        2       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75872038        75872232        .       +
        2       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75874981        75875125        .       +
        2       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75876787        75876901        .       +
        1       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75879169        75879354        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75880544        75881578        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff CDS     75885806        75886819        .       +
        0       Parent=Smp_144210.1
SM_V9_1 Liftoff gene    75904245        75919681        .       +
        .       ID=Smp_144220;geneID=Smp_144220
SM_V9_1 Liftoff mRNA    75904245        75919681        .       +
        .
ID=Smp_144220.1;Parent=Smp_144220;geneID=Smp_144220;product=Glycine
amidinotransferase, mitochondrial
SM_V9_1 Liftoff exon    75904245        75904342        .       +
        .       Parent=Smp_144220.1
SM_V9_1 Liftoff exon    75907494        75907685        .       +
        .       Parent=Smp_144220.1
SM_V9_1 Liftoff exon    75909194        75909401        .       +
        .       Parent=Smp_144220.1
SM_V9_1 Liftoff exon    75911400        75911587        .       +
        .       Parent=Smp_144220.1
SM_V9_1 Liftoff exon    75914816        75914950        .       +
        .       Parent=Smp_144220.1
SM_V9_1 Liftoff exon    75917889        75918120        .       +
        .       Parent=Smp_144220.1
SM_V9_1 Liftoff exon    75919298        75919681        .       +
        .       Parent=Smp_144220.1
SM_V9_1 Liftoff CDS     75904304        75904342        .       +
        0       Parent=Smp_144220.1
SM_V9_1 Liftoff CDS     75907494        75907685        .       +
        0       Parent=Smp_144220.1
SM_V9_1 Liftoff CDS     75909194        75909401        .       +
        0       Parent=Smp_144220.1
SM_V9_1 Liftoff CDS     75911400        75911587        .       +
        2       Parent=Smp_144220.1
SM_V9_1 Liftoff CDS     75914816        75914950        .       +
        0       Parent=Smp_144220.1
SM_V9_1 Liftoff CDS     75917889        75918120        .       +
        0       Parent=Smp_144220.1
SM_V9_1 Liftoff CDS     75919298        75919554        .       +
        2       Parent=Smp_144220.1
SM_V9_1 iris    gene    75938985        75962796        .       +
        .
ID=Smp_144240;geneID=Smp_144240;gene_name=Smp_144240;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    75938985        75962796        .       +
        .
ID=Smp_144240.1;Parent=Smp_144240;geneID=Smp_144240;gene_name=Smp_14
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4240;owner=irisadmin@local.host;orig_id=Smp_144240.1;date_last_modif
ied=2022-08-01;Name=Smp_144240.1;product=Proline and serine-rich
protein 3;date_creation=2022-07-29
SM_V9_1 iris    exon    75938985        75939022        .       +
        .
Parent=Smp_144240.1;Name=7847816f-3566-444f-8fce-004a2dbdd1cd
SM_V9_1 iris    exon    75941520        75941598        .       +
        .       Parent=Smp_144240.1;Name=fdc76e2e-b73b-4650-bca6-
ac58f3368061
SM_V9_1 iris    exon    75945569        75945849        .       +
        .
Parent=Smp_144240.1;Name=1f6968cc-4827-476e-95d9-6612be5a332d
SM_V9_1 iris    exon    75950242        75950333        .       +
        .
Parent=Smp_144240.1;Name=6596179d-7b08-4ed3-8b05-0befc222e8d2
SM_V9_1 iris    exon    75950390        75950571        .       +
        .       Parent=Smp_144240.1;Name=8ebeb698-e536-462b-
bd5f-7d311d782733
SM_V9_1 iris    exon    75953936        75954141        .       +
        .
Parent=Smp_144240.1;Name=28a97262-3193-406b-9118-20c74bcc9f8b
SM_V9_1 iris    exon    75956074        75956242        .       +
        .       Parent=Smp_144240.1;Name=7b26a02c-
e44b-42df-921f-29e3017098b2
SM_V9_1 iris    exon    75959827        75960139        .       +
        .       Parent=Smp_144240.1;Name=b4a3ae46-99e0-4a6c-
a2bc-8deead385850
SM_V9_1 iris    exon    75960851        75961085        .       +
        .       Parent=Smp_144240.1;Name=60206e47-1f22-485b-9c7c-
de92647d194f
SM_V9_1 iris    exon    75962616        75962796        .       +
        .       Parent=Smp_144240.1;Name=e68c03b4-474c-4e2a-a428-
c67321282264
SM_V9_1 iris    CDS     75939009        75939022        .       +
        0       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75941520        75941598        .       +
        1       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75945569        75945849        .       +
        0       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75950242        75950333        .       +
        1       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75950390        75950571        .       +
        2       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75953936        75954141        .       +
        0       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75956074        75956242        .       +
        1       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75959827        75960139        .       +
        0       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75960851        75961085        .       +
        2       Parent=Smp_144240.1
SM_V9_1 iris    CDS     75962616        75962667        .       +
        1       Parent=Smp_144240.1
SM_V9_1 iris    gene    75966228        75974551        .       -
```

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        .
ID=Smp_040500;geneID=Smp_040500;gene_name=Smp_040500;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    75966228        75974551        .       -
        .
ID=Smp_040500.1;Parent=Smp_040500;geneID=Smp_040500;gene_name=Smp_04
0500;owner=irisadmin@local.host;orig_id=Smp_040500.1;date_last_modif
ied=2022-09-05;Name=Smp_040500.1;product=Peptidyl-prolyl cis-trans
isomerase FKBP8;date_creation=2022-07-18
SM_V9_1 iris    exon    75966228        75967028        .       -
        .       Parent=Smp_040500.1;Name=011d1de0-103c-488f-b9fb-
c3bc193cf4a1
SM_V9_1 iris    exon    75967625        75967849        .       -
        .       Parent=Smp_040500.1;Name=704bf5ab-8272-4231-a385-
eff47e6457d6
SM_V9_1 iris    exon    75969666        75969755        .       -
        .       Parent=Smp_040500.1;Name=ac0463a3-cca6-447c-
acbb-66cf1339a610
SM_V9_1 iris    exon    75972184        75972364        .       -
        .
Parent=Smp_040500.1;Name=0875b4fa-13a1-4601-8647-2a84cd65cd9d
SM_V9_1 iris    exon    75972402        75972548        .       -
        .       Parent=Smp_040500.1;Name=aee534dd-9957-4f7e-a2ab-
b081d677bf5b
SM_V9_1 iris    exon    75974008        75974095        .       -
        .       Parent=Smp_040500.1;Name=8115e5c4-a252-4456-a317-
da54d5fc5183
SM_V9_1 iris    exon    75974132        75974279        .       -
        .       Parent=Smp_040500.1;Name=ee291d94-3d07-403b-
b07c-509078bd2e41
SM_V9_1 iris    exon    75974312        75974551        .       -
        .
Parent=Smp_040500.1;Name=ffb94a4b-3fbc-4575-959f-7d70adaa777b
SM_V9_1 iris    CDS     75966924        75967028        .       -
        0       Parent=Smp_040500.1
SM_V9_1 iris    CDS     75967625        75967849        .       -
        0       Parent=Smp_040500.1
SM_V9_1 iris    CDS     75969666        75969755        .       -
        0       Parent=Smp_040500.1
SM_V9_1 iris    CDS     75972184        75972364        .       -
        1       Parent=Smp_040500.1
SM_V9_1 iris    CDS     75972402        75972548        .       -
        1       Parent=Smp_040500.1
SM_V9_1 iris    CDS     75974008        75974095        .       -
        2       Parent=Smp_040500.1
SM_V9_1 iris    CDS     75974132        75974279        .       -
        0       Parent=Smp_040500.1
SM_V9_1 iris    CDS     75974312        75974512        .       -
        0       Parent=Smp_040500.1
SM_V9_1 iris    gene    75981258        76024031        .       -
        .
ID=Smp_040510;geneID=Smp_040510;gene_name=Smp_040510;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    75981258        76024031        .       -
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        .
ID=Smp_040510.1;Parent=Smp_040510;geneID=Smp_040510;gene_name=Smp_04
0510;owner=irisadmin@local.host;orig_id=Smp_040510.1;date_last_modif
ied=2022-08-01;Name=Smp_040510.1;product=Alpha-1,6-
mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase
A;date_creation=2022-07-29
SM_V9_1 iris    exon    75981258        75982345        .       -
        .       Parent=Smp_040510.1;Name=9c0ca9f1-245a-4276-b905-
fc63966a636c
SM_V9_1 iris    exon    75988606        75988725        .       -
        .       Parent=Smp_040510.1;Name=0caece98-7cb7-4bb7-
a458-13f7915c44cb
SM_V9_1 iris    exon    75990497        75990643        .       -
        .       Parent=Smp_040510.1;Name=d7b1a281-7953-4858-bbc2-
cbb88135bd3d
SM_V9_1 iris    exon    75992101        75992247        .       -
        .       Parent=Smp_040510.1;Name=a2006525-be7d-4cb6-a41f-
b8c3ec28b952
SM_V9_1 iris    exon    75994795        75994922        .       -
        .       Parent=Smp_040510.1;Name=757614b3-b799-4513-
ac82-09ad4ab36eb1
SM_V9_1 iris    exon    75995320        75995438        .       -
        .
Parent=Smp_040510.1;Name=253962c4-556f-42cb-8930-1ec64e49602f
SM_V9_1 iris    exon    75997538        75997651        .       -
        .       Parent=Smp_040510.1;Name=7500b509-ffea-4bfa-
b9fd-5b8ffc74b651
SM_V9_1 iris    exon    75999937        76000039        .       -
        .       Parent=Smp_040510.1;Name=ce4694d1-faa3-4cf9-
a062-815cded794d9
SM_V9_1 iris    exon    76001110        76001179        .       -
        .       Parent=Smp_040510.1;Name=aa4d67a7-d21d-4fb5-
b13e-2025825ec594
SM_V9_1 iris    exon    76002077        76002352        .       -
        .       Parent=Smp_040510.1;Name=44db63cf-d1e5-4324-9e5f-
ddf8a51af8a0
SM_V9_1 iris    exon    76004459        76004521        .       -
        .       Parent=Smp_040510.1;Name=0deb751b-8815-4519-94e2-
f698fe26826f
SM_V9_1 iris    exon    76011965        76012054        .       -
        .
Parent=Smp_040510.1;Name=551c80f4-13fe-4b14-8ea7-17f3f4a36aad
SM_V9_1 iris    exon    76019102        76019184        .       -
        .       Parent=Smp_040510.1;Name=ae6f4f86-f873-4da9-b8ac-
b69bd6a1a981
SM_V9_1 iris    exon    76020223        76020435        .       -
        .       Parent=Smp_040510.1;Name=372dd6e1-391c-44be-
b34f-645d8169f080
SM_V9_1 iris    exon    76021596        76021695        .       -
        .       Parent=Smp_040510.1;Name=6a066d03-3005-4abf-ad13-
f68d180f9c3e
SM_V9_1 iris    exon    76023631        76023805        .       -
        .       Parent=Smp_040510.1;Name=716bfde4-2d8a-4a85-
ab8d-4a6e4aeb60e3
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SM_V9_1 iris    exon    76023870        76024031        .       -
        .
Parent=Smp_040510.1;Name=1ce5b911-755c-4d41-8d44-9644f9b32be0
SM_V9_1 iris    CDS     75981662        75982345        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     75988606        75988725        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     75990497        75990643        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     75992101        75992247        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     75994795        75994922        .       -
        2       Parent=Smp_040510.1
SM_V9_1 iris    CDS     75995320        75995438        .       -
        1       Parent=Smp_040510.1
SM_V9_1 iris    CDS     75997538        75997651        .       -
        1       Parent=Smp_040510.1
SM_V9_1 iris    CDS     75999937        76000039        .       -
        2       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76001110        76001179        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76002077        76002352        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76004459        76004521        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76011965        76012054        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76019102        76019184        .       -
        2       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76020223        76020435        .       -
        2       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76021596        76021695        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    CDS     76023631        76023744        .       -
        0       Parent=Smp_040510.1
SM_V9_1 iris    gene    76038084        76038768        .       +
        .
ID=Smp_348230;geneID=Smp_348230;gene_name=Smp_348230;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_1 iris    mRNA    76038084        76038768        .       +
        .
ID=Smp_348230.1;Parent=Smp_348230;geneID=Smp_348230;gene_name=Smp_34
8230;owner=irisadmin@local.host;orig_id=Smp_348230.1;date_last_modif
ied=2022-08-03;Name=Smp_348230.1;product=Hypothetical
protein;date_creation=2022-08-03
SM_V9_1 iris    exon    76038084        76038148        .       +
        .       Parent=Smp_348230.1;Name=addeff8d-0f44-42de-
ac44-0f21db675767
SM_V9_1 iris    exon    76038290        76038383        .       +
        .       Parent=Smp_348230.1;Name=dd7a5a0b-79fc-40d8-9597-
c100d3396736
SM_V9_1 iris    exon    76038513        76038544        .       +
        .       Parent=Smp_348230.1;Name=fc65b50a-2ae4-4506-8e75-
d6b7d1207268
```

```
SM_V9_1 iris    exon    76038664        76038768        .       +
        .       Parent=Smp_348230.1;Name=65d1f9b6-f930-4ba6-8030-
f1e5810e991d
SM_V9_1 iris    CDS     76038138        76038148        .       +
        0       Parent=Smp_348230.1
SM_V9_1 iris    CDS     76038290        76038383        .       +
        1       Parent=Smp_348230.1
SM_V9_1 iris    CDS     76038513        76038521        .       +
        0       Parent=Smp_348230.1
SM_V9_1 Liftoff gene    76040324        76050873        .       -
        .       ID=Smp_144250;geneID=Smp_144250
SM_V9_1 Liftoff mRNA    76040324        76050873        .       -
        .
ID=Smp_144250.1;Parent=Smp_144250;geneID=Smp_144250;product=GDP-D-
glucose phosphorylase
1;polypeptide_domain=InterPro:IPR011146;Ontology_term=GO:0003824
SM_V9_1 Liftoff exon    76040324        76040852        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff exon    76042907        76043016        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff exon    76046036        76046138        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff exon    76047877        76047935        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff exon    76047966        76048052        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff exon    76048080        76048220        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff exon    76048253        76048378        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff exon    76048411        76050873        .       -
        .       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76040492        76040852        .       -
        1       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76042907        76043016        .       -
        0       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76046036        76046138        .       -
        1       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76047877        76047935        .       -
        0       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76047966        76048052        .       -
        0       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76048080        76048220        .       -
        0       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76048253        76048378        .       -
        0       Parent=Smp_144250.1
SM_V9_1 Liftoff CDS     76048411        76048470        .       -
        0       Parent=Smp_144250.1
SM_V9_1 Liftoff gene    76066915        76067803        .       +
        .
ID=Smp_346600;geneID=Smp_346600;previous_systematic_id=Smp_179090
SM_V9_1 Liftoff mRNA    76066915        76067803        .       +
        .
ID=Smp_346600.1;Parent=Smp_346600;geneID=Smp_346600;product=Fibronec
```

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tin
SM_V9_1 Liftoff exon    76066915        76067803        .       +
        .       Parent=Smp_346600.1
SM_V9_1 Liftoff CDS     76067127        76067723        .       +
        0       Parent=Smp_346600.1
SM_V9_1 iris    gene    76085946        76122523        .       +
        .
ID=Smp_102430;geneID=Smp_102430;gene_name=Smp_102430;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    76085946        76122523        .       +
        .
ID=Smp_102430.1;Parent=Smp_102430;geneID=Smp_102430;gene_name=Smp_10
2430;owner=irisadmin@local.host;orig_id=Smp_102430.1;date_last_modif
ied=2022-08-03;Name=Smp_102430.1;product=Alpha-1,6-
mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase
B;date_creation=2022-08-01
SM_V9_1 iris    exon    76085946        76087477        .       +
        .       Parent=Smp_102430.1;Name=f66886ea-103c-4cc3-
a85e-6c99e529b467
SM_V9_1 iris    exon    76088685        76088784        .       +
        .       Parent=Smp_102430.1;Name=0b838d3e-3d81-44b0-
a86d-1be675cbd7d7
SM_V9_1 iris    exon    76089446        76089525        .       +
        .
Parent=Smp_102430.1;Name=be93e75c-66e0-481e-8ec1-26b0feba58b2
SM_V9_1 iris    exon    76092240        76092329        .       +
        .       Parent=Smp_102430.1;Name=a6835018-
fd7d-4a77-8b4c-27ead5904396
SM_V9_1 iris    exon    76094741        76094803        .       +
        .       Parent=Smp_102430.1;Name=cb49385d-243a-4dc1-
ba9d-6bd62257894f
SM_V9_1 iris    exon    76096176        76096445        .       +
        .       Parent=Smp_102430.1;Name=7e4d3582-be7f-4e19-a83a-
e58bf8f13d43
SM_V9_1 iris    exon    76100702        76100771        .       +
        .
Parent=Smp_102430.1;Name=e8358dfc-6fcd-480d-8f54-0f75e4153174
SM_V9_1 iris    exon    76101298        76101400        .       +
        .       Parent=Smp_102430.1;Name=f463e48b-f1e1-4327-
b46b-439c5425f06e
SM_V9_1 iris    exon    76106148        76106255        .       +
        .       Parent=Smp_102430.1;Name=0d5e6d2d-a348-472c-a323-
cd857dd1e85f
SM_V9_1 iris    exon    76107057        76107175        .       +
        .
Parent=Smp_102430.1;Name=277dc37a-7b77-4dd9-9530-8af0c91e32a6
SM_V9_1 iris    exon    76110341        76110465        .       +
        .       Parent=Smp_102430.1;Name=cf249e2e-
e61f-4781-8a6a-9e5ccdce3d31
SM_V9_1 iris    exon    76113653        76113799        .       +
        .       Parent=Smp_102430.1;Name=4e8f8446-3dce-4863-9cde-
cdcf670d54af
SM_V9_1 iris    exon    76115348        76115494        .       +
        .       Parent=Smp_102430.1;Name=65fec04b-3348-4eda-81a4-
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db8330989dce
SM_V9_1 iris    exon    76120613        76120732        .       +
        .       Parent=Smp_102430.1;Name=b48dbb45-a0ef-4948-8b2f-
bb6d647abb2a
SM_V9_1 iris    exon    76121070        76122523        .       +
        .       Parent=Smp_102430.1;Name=935cc77f-5927-4c7d-98a9-
b85c549bc7d9
SM_V9_1 iris    CDS     76087334        76087477        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76088685        76088784        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76089446        76089525        .       +
        2       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76092240        76092329        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76094741        76094803        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76096176        76096445        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76100702        76100771        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76101298        76101400        .       +
        2       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76106148        76106255        .       +
        1       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76107057        76107175        .       +
        1       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76110341        76110465        .       +
        2       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76113653        76113799        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76115348        76115494        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76120613        76120732        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    CDS     76121070        76121753        .       +
        0       Parent=Smp_102430.1
SM_V9_1 iris    gene    76141500        76156951        .       +
        .
ID=Smp_309240;geneID=Smp_309240;gene_name=Smp_309240;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    76141500        76156951        .       +
        .
ID=Smp_309240.1;Parent=Smp_309240;geneID=Smp_309240;gene_name=Smp_30
9240;owner=irisadmin@local.host;orig_id=Smp_309240.1;date_last_modif
ied=2022-08-01;Name=Smp_309240.1;product=ATP-binding cassette sub-
family F member 2;date_creation=2022-07-29
SM_V9_1 iris    exon    76141500        76141816        .       +
        .       Parent=Smp_309240.1;Name=e4feee1b-2596-4e20-ba5a-
bc3ce4d7b441
SM_V9_1 iris    exon    76142844        76143060        .       +
        .       Parent=Smp_309240.1;Name=1021e053-d3de-4b1b-b7dc-
c85017961a9f
SM_V9_1 iris    exon    76144514        76144731        .       +
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        .
Parent=Smp_309240.1;Name=79f13b00-8ee5-4a26-91e8-8620224bc88c
SM_V9_1 iris    exon    76149481        76149605        .       +
        .       Parent=Smp_309240.1;Name=978a201d-bf44-4a28-ae35-
ff2fe33c13df
SM_V9_1 iris    exon    76149702        76149947        .       +
        .
Parent=Smp_309240.1;Name=8780e944-7ac3-4620-9666-6cd9f4e54ced
SM_V9_1 iris    exon    76150855        76150950        .       +
        .       Parent=Smp_309240.1;Name=b8ec3e5a-df3e-45ef-be87-
ec4bba60f7d8
SM_V9_1 iris    exon    76151103        76151312        .       +
        .       Parent=Smp_309240.1;Name=c0fcb486-1926-4f0b-a098-
cefea6989126
SM_V9_1 iris    exon    76152652        76152762        .       +
        .       Parent=Smp_309240.1;Name=0a31f963-42b5-4127-
bf95-83a9b352dcb9
SM_V9_1 iris    exon    76152900        76152962        .       +
        .
Parent=Smp_309240.1;Name=e81096f8-69db-436b-8d4a-913878068f7c
SM_V9_1 iris    exon    76153071        76153199        .       +
        .       Parent=Smp_309240.1;Name=608d92bb-f1e3-4ee7-
acab-1543c5c6b891
SM_V9_1 iris    exon    76154285        76154488        .       +
        .
Parent=Smp_309240.1;Name=cdacce76-46a6-4c26-8581-3477ee1639a8
SM_V9_1 iris    exon    76156565        76156951        .       +
        .
Parent=Smp_309240.1;Name=293c839a-4b9c-4449-844f-0126e5e4ceb4
SM_V9_1 iris    CDS     76141612        76141816        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76142844        76143060        .       +
        2       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76144514        76144731        .       +
        1       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76149481        76149605        .       +
        2       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76149702        76149947        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76150855        76150950        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76151103        76151312        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76152652        76152762        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76152900        76152962        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76153071        76153199        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76154285        76154488        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    CDS     76156565        76156675        .       +
        0       Parent=Smp_309240.1
SM_V9_1 iris    gene    76160841        76225782        .       -
```

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        .
ID=Smp_343690;geneID=Smp_343690;gene_name=Smp_343690;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76160841        76225782        .       -
        .
ID=Smp_343690.1;Parent=Smp_343690;geneID=Smp_343690;gene_name=Smp_34
3690;owner=irisadmin@local.host;orig_id=Smp_343690.1;date_last_modif
ied=2022-07-18;Name=Smp_343690.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    76160841        76162339        .       -
        .       Parent=Smp_343690.1;Name=d1121ebd-
f0a2-4287-9167-674d4bd7eca9
SM_V9_1 iris    exon    76163791        76163909        .       -
        .       Parent=Smp_343690.1;Name=e4a1cdb9-fa33-47c8-
b26e-7396ff559eab
SM_V9_1 iris    exon    76165305        76165373        .       -
        .       Parent=Smp_343690.1;Name=532780e1-
cba7-41cf-9cbc-61b26628ff63
SM_V9_1 iris    exon    76169213        76169588        .       -
        .       Parent=Smp_343690.1;Name=a76725e1-
f062-470a-82b4-830d47da4f5b
SM_V9_1 iris    exon    76177489        76177783        .       -
        .       Parent=Smp_343690.1;Name=6575a247-0cae-48f9-8696-
b44495b3c632
SM_V9_1 iris    exon    76179587        76179900        .       -
        .       Parent=Smp_343690.1;Name=0775deee-4379-4f1f-
bff4-08d3ea0ee10f
SM_V9_1 iris    exon    76183141        76183453        .       -
        .       Parent=Smp_343690.1;Name=5ae322ea-62b6-4258-96b3-
adcaa1183725
SM_V9_1 iris    exon    76192671        76193023        .       -
        .       Parent=Smp_343690.1;Name=c05c363f-
c3da-4ffd-86bc-7cfb1632382b
SM_V9_1 iris    exon    76216165        76216559        .       -
        .       Parent=Smp_343690.1;Name=6eaeee97-7c8c-4045-b8a1-
c2a711aa1641
SM_V9_1 iris    exon    76225238        76225313        .       -
        .       Parent=Smp_343690.1;Name=135e9c2b-
c214-4c70-9b87-5954d8a00772
SM_V9_1 iris    exon    76225349        76225782        .       -
        .       Parent=Smp_343690.1;Name=2dbf03be-7e0a-448d-be70-
e1cd77527232
SM_V9_1 iris    CDS     76161024        76162339        .       -
        2       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76163791        76163909        .       -
        1       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76165305        76165373        .       -
        1       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76169213        76169588        .       -
        2       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76177489        76177783        .       -
        0       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76179587        76179900        .       -
        2       Parent=Smp_343690.1
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SM_V9_1 iris    CDS     76183141        76183453        .       -
        0       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76192671        76193023        .       -
        2       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76216165        76216559        .       -
        1       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76225238        76225313        .       -
        2       Parent=Smp_343690.1
SM_V9_1 iris    CDS     76225349        76225424        .       -
        0       Parent=Smp_343690.1
SM_V9_1 iris    gene    76225905        76236973        .       +
        .
ID=Smp_040550;geneID=Smp_040550;gene_name=Smp_040550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76225905        76236973        .       +
        .
ID=Smp_040550.1;Parent=Smp_040550;geneID=Smp_040550;gene_name=Smp_04
0550;owner=irisadmin@local.host;orig_id=Smp_040550.1;date_last_modif
ied=2022-07-18;Name=Smp_040550.1;product=Protein tyrosine
phosphatase type IVA 3;date_creation=2022-07-18
SM_V9_1 iris    exon    76225905        76226108        .       +
        .       Parent=Smp_040550.1;Name=a7fe89dc-7745-414d-8a7c-
a34b6aa29408
SM_V9_1 iris    exon    76226150        76226242        .       +
        .       Parent=Smp_040550.1;Name=1e8aafde-881d-4ce2-
acc9-5e95319288a2
SM_V9_1 iris    exon    76227928        76228091        .       +
        .       Parent=Smp_040550.1;Name=9106a6d7-c1b6-4a95-
beb1-03679dbfafbb
SM_V9_1 iris    exon    76232963        76233037        .       +
        .       Parent=Smp_040550.1;Name=60a6bd70-2ea6-465d-
a91f-82ee774721de
SM_V9_1 iris    exon    76235286        76236973        .       +
        .       Parent=Smp_040550.1;Name=5b4cc0f2-fefc-45f6-9ca4-
cf21d195cfbb
SM_V9_1 iris    CDS     76225998        76226108        .       +
        0       Parent=Smp_040550.1
SM_V9_1 iris    CDS     76226150        76226242        .       +
        0       Parent=Smp_040550.1
SM_V9_1 iris    CDS     76227928        76228091        .       +
        0       Parent=Smp_040550.1
SM_V9_1 iris    CDS     76232963        76233037        .       +
        1       Parent=Smp_040550.1
SM_V9_1 iris    CDS     76235286        76235388        .       +
        1       Parent=Smp_040550.1
SM_V9_1 iris    gene    76244799        76261201        .       -
        .
ID=Smp_040560;geneID=Smp_040560;gene_name=Smp_040560;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76244799        76261201        .       -
        .
ID=Smp_040560.1;Parent=Smp_040560;geneID=Smp_040560;gene_name=Smp_04
0560;owner=irisadmin@local.host;orig_id=Smp_040560.1;date_last_modif
ied=2022-07-18;Name=Smp_040560.1;product=Cytoplasmic tRNA 2-
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thiolation protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    76244799        76245106        .       -
        .       Parent=Smp_040560.1;Name=7e57c1a4-0416-4727-a200-
f926265277db
SM_V9_1 iris    exon    76246714        76246773        .       -
        .       Parent=Smp_040560.1;Name=f13c454c-6cbc-4ee0-a1ac-
f66c88f46211
SM_V9_1 iris    exon    76246819        76246877        .       -
        .       Parent=Smp_040560.1;Name=74fba87d-b936-47df-bd3d-
b97ecedc5845
SM_V9_1 iris    exon    76246916        76247046        .       -
        .       Parent=Smp_040560.1;Name=4d17821c-928d-4e8b-9525-
b79ee295c8dd
SM_V9_1 iris    exon    76247106        76247155        .       -
        .       Parent=Smp_040560.1;Name=99bf9d06-f61b-40e5-
b42d-6749cef06788
SM_V9_1 iris    exon    76247282        76247401        .       -
        .       Parent=Smp_040560.1;Name=9f1765a0-417f-425f-
a050-5db3ce58c36f
SM_V9_1 iris    exon    76247447        76247504        .       -
        .       Parent=Smp_040560.1;Name=f180ae16-f57f-4d3b-aa17-
c12c2712bb29
SM_V9_1 iris    exon    76247542        76247598        .       -
        .       Parent=Smp_040560.1;Name=db5a42e1-05c9-4dfd-9093-
f69d84745bb2
SM_V9_1 iris    exon    76247651        76247769        .       -
        .       Parent=Smp_040560.1;Name=36228056-64fb-4ba6-
a9e5-0c46b6050155
SM_V9_1 iris    exon    76252153        76252276        .       -
        .       Parent=Smp_040560.1;Name=ff84094b-86cd-480f-
a255-3157dee48cb4
SM_V9_1 iris    exon    76252318        76252390        .       -
        .       Parent=Smp_040560.1;Name=4e5e72a2-8ac7-45ee-97a3-
e6551f0b7c1b
SM_V9_1 iris    exon    76261138        76261201        .       -
        .       Parent=Smp_040560.1;Name=fac7137b-456d-4e05-
b0ef-3570be02de54
SM_V9_1 iris    CDS     76244994        76245106        .       -
        2       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76246714        76246773        .       -
        2       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76246819        76246877        .       -
        1       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76246916        76247046        .       -
        0       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76247106        76247155        .       -
        2       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76247282        76247401        .       -
        2       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76247447        76247504        .       -
        0       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76247542        76247598        .       -
        0       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76247651        76247769        .       -
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        2       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76252153        76252276        .       -
        0       Parent=Smp_040560.1
SM_V9_1 iris    CDS     76252318        76252374        .       -
        0       Parent=Smp_040560.1
SM_V9_1 Liftoff gene    76272043        76276499        .       +
        .       ID=Smp_320200;geneID=Smp_320200
SM_V9_1 Liftoff mRNA    76272043        76276499        .       +
        .
ID=Smp_320200.1;Parent=Smp_320200;geneID=Smp_320200;product=Ras-
related protein
Rab-5A;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    76272043        76272319        .       +
        .       Parent=Smp_320200.1
SM_V9_1 Liftoff exon    76272352        76272426        .       +
        .       Parent=Smp_320200.1
SM_V9_1 Liftoff exon    76274205        76274410        .       +
        .       Parent=Smp_320200.1
SM_V9_1 Liftoff exon    76276245        76276499        .       +
        .       Parent=Smp_320200.1
SM_V9_1 Liftoff CDS     76272199        76272319        .       +
        0       Parent=Smp_320200.1
SM_V9_1 Liftoff CDS     76272352        76272426        .       +
        2       Parent=Smp_320200.1
SM_V9_1 Liftoff CDS     76274205        76274410        .       +
        2       Parent=Smp_320200.1
SM_V9_1 Liftoff CDS     76276245        76276361        .       +
        0       Parent=Smp_320200.1
SM_V9_1 Liftoff gene    76307123        76319947        .       +
        .       ID=Smp_040570;geneID=Smp_040570
SM_V9_1 Liftoff mRNA    76307123        76319947        .       +
        .
ID=Smp_040570.1;Parent=Smp_040570;geneID=Smp_040570;product=Ras-
related protein
Rab-5C;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
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        .       Parent=Smp_040570.1
SM_V9_1 Liftoff exon    76307407        76307481        .       +
        .       Parent=Smp_040570.1
SM_V9_1 Liftoff exon    76309261        76309466        .       +
        .       Parent=Smp_040570.1
SM_V9_1 Liftoff exon    76311301        76311394        .       +
        .       Parent=Smp_040570.1
SM_V9_1 Liftoff exon    76318970        76319947        .       +
        .       Parent=Smp_040570.1
SM_V9_1 Liftoff CDS     76307254        76307374        .       +
        0       Parent=Smp_040570.1
SM_V9_1 Liftoff CDS     76307407        76307481        .       +
        2       Parent=Smp_040570.1
SM_V9_1 Liftoff CDS     76309261        76309466        .       +
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SM_V9_1 Liftoff CDS     76311301        76311394        .       +
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SM_V9_1 Liftoff CDS     76318970        76319070        .       +
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ID=Smp_343700;geneID=Smp_343700;gene_name=Smp_343700;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    76331827        76414739        .       -
        .
ID=Smp_343700.2;Parent=Smp_343700;geneID=Smp_343700;gene_name=Smp_34
3700;owner=irisadmin@local.host;orig_id=Smp_343700.2;date_last_modif
ied=2022-08-01;Name=Smp_343700.2;product=Tensin-3;date_creation=2022
-07-29
SM_V9_1 iris    exon    76331827        76333062        .       -
        .       Parent=Smp_343700.2;Name=51ce5a1c-1d4c-4c9e-
b4b6-9b8a47aa2595
SM_V9_1 iris    exon    76335034        76335078        .       -
        .       Parent=Smp_343700.2;Name=dedc569b-fe4a-4869-a0ee-
c77242d1cca4
SM_V9_1 iris    exon    76337122        76337395        .       -
        .       Parent=Smp_343700.2;Name=dd498d19-5c66-49a6-
a811-4e09e9c47260
SM_V9_1 iris    exon    76340284        76340775        .       -
        .       Parent=Smp_343700.2;Name=9a0a8981-710a-4fce-
a2c0-08d090bd4ceb
SM_V9_1 iris    exon    76344931        76344960        .       -
        .       Parent=Smp_343700.2;Name=279f03d2-ac9c-4f80-b636-
b2483df81952
SM_V9_1 iris    exon    76349929        76350054        .       -
        .       Parent=Smp_343700.2;Name=c486127f-b8e7-4f0e-
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SM_V9_1 iris    exon    76352542        76352829        .       -
        .       Parent=Smp_343700.2;Name=edaf2e5a-7a71-43cf-8ff8-
fcce7ec3710b
SM_V9_1 iris    exon    76353854        76353927        .       -
        .
Parent=Smp_343700.2;Name=13ec4b70-9a72-480e-8592-736b25ae352b
SM_V9_1 iris    exon    76354780        76354861        .       -
        .
Parent=Smp_343700.2;Name=728a5900-2e1e-41a2-886c-100f2ce66f92
SM_V9_1 iris    exon    76357761        76358501        .       -
        .       Parent=Smp_343700.2;Name=69f34610-5aa9-4cab-9d20-
cc30ab92e75e
SM_V9_1 iris    exon    76363695        76363839        .       -
        .       Parent=Smp_343700.2;Name=db85fe54-a6c6-4763-a001-
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SM_V9_1 iris    exon    76364090        76364119        .       -
        .       Parent=Smp_343700.2;Name=af4fe8c2-f2e9-4977-b931-
ca2a063cf390
SM_V9_1 iris    exon    76368913        76369142        .       -
        .
Parent=Smp_343700.2;Name=befd67f4-023e-444b-87db-2e997906d792
SM_V9_1 iris    exon    76370728        76370847        .       -
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c76e-4f5c-8642-964b409e067c
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        .       Parent=Smp_343700.2;Name=ead788ca-8ea6-4440-
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SM_V9_1 iris    exon    76389140        76389435        .       -
        .       Parent=Smp_343700.2;Name=36d30e72-f51a-4e51-
b2d7-9439b9cad49d
SM_V9_1 iris    exon    76397264        76397784        .       -
        .       Parent=Smp_343700.2;Name=ef0bd82b-8643-4245-b053-
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SM_V9_1 iris    exon    76413806        76414739        .       -
        .       Parent=Smp_343700.2;Name=81c19bb2-ad42-41ce-bc29-
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SM_V9_1 iris    CDS     76332930        76333062        .       -
        1       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76335034        76335078        .       -
        1       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76337122        76337395        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76340284        76340775        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76344931        76344960        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76349929        76350054        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76352542        76352829        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76353854        76353927        .       -
        1       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76354780        76354861        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76357761        76358501        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76363695        76363839        .       -
        0       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76364090        76364119        .       -
        0       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76368913        76369142        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76370728        76370847        .       -
        2       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76386027        76386073        .       -
        1       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76389140        76389435        .       -
        0       Parent=Smp_343700.2
SM_V9_1 iris    CDS     76397264        76397722        .       -
        0       Parent=Smp_343700.2
SM_V9_1 iris    mRNA    76331827        76501979        .       -
        .
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ied=2022-08-01;Name=Smp_343700.1;product=Tensin-3;date_creation=2022
-07-29
SM_V9_1 iris    exon    76331827        76333062        .       -
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        .       Parent=Smp_343700.1;Name=56d600fa-
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SM_V9_1 iris    exon    76337122        76337395        .       -
        .       Parent=Smp_343700.1;Name=bf53f8cf-e316-4eb0-acb8-
b002cc4ecdc6
SM_V9_1 iris    exon    76340284        76340775        .       -
        .       Parent=Smp_343700.1;Name=1d104e5a-56ce-41db-
b3db-4f39359d0cbf
SM_V9_1 iris    exon    76344931        76344960        .       -
        .       Parent=Smp_343700.1;Name=54c492d5-507a-494b-8973-
b2e766a81d76
SM_V9_1 iris    exon    76349929        76350054        .       -
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SM_V9_1 iris    exon    76352542        76352829        .       -
        .
Parent=Smp_343700.1;Name=9a1a7071-9cd2-4cf6-9144-8027d2151d46
SM_V9_1 iris    exon    76353854        76353927        .       -
        .       Parent=Smp_343700.1;Name=18ff739c-b016-4489-
b1da-0f5a7d12ad10
SM_V9_1 iris    exon    76354780        76354861        .       -
        .
Parent=Smp_343700.1;Name=4dadc42e-33c3-4848-9797-5fa4decf0706
SM_V9_1 iris    exon    76357761        76358501        .       -
        .
Parent=Smp_343700.1;Name=797c742e-7321-44bc-8f8d-29ad3210dfc4
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        .       Parent=Smp_343700.1;Name=31834ef5-8966-4cc5-970a-
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SM_V9_1 iris    exon    76364090        76364119        .       -
        .       Parent=Smp_343700.1;Name=022d0f32-77af-44d2-af84-
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SM_V9_1 iris    exon    76368913        76369142        .       -
        .       Parent=Smp_343700.1;Name=11a92140-ea89-4bb5-
bd01-146a27dccb73
SM_V9_1 iris    exon    76370728        76370847        .       -
        .       Parent=Smp_343700.1;Name=181e1399-0538-40a1-
b362-4235e4e61a78
SM_V9_1 iris    exon    76386027        76386073        .       -
        .       Parent=Smp_343700.1;Name=eb00bee8-1e60-48b4-
b9af-1173a4e52b77
SM_V9_1 iris    exon    76389140        76389435        .       -
        .
Parent=Smp_343700.1;Name=c181d807-3f23-4882-8fc0-4286abcc1839
SM_V9_1 iris    exon    76397264        76397784        .       -
        .
Parent=Smp_343700.1;Name=2a65fbe6-3d70-4ff2-8b98-5649490c0b4e
SM_V9_1 iris    exon    76419726        76420133        .       -
        .       Parent=Smp_343700.1;Name=0eac41b5-1bb6-4b19-
bc1c-4e3f730b5ee1
SM_V9_1 iris    exon    76421291        76421968        .       -
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        .       Parent=Smp_343700.1;Name=632ee4b3-c8a0-4643-a951-
dde730664c87
SM_V9_1 iris    exon    76432759        76432821        .       -
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SM_V9_1 iris    exon    76454237        76454323        .       -
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Parent=Smp_343700.1;Name=8758e7d6-2b22-447e-93b3-2ba998a18db4
SM_V9_1 iris    exon    76456476        76456669        .       -
        .       Parent=Smp_343700.1;Name=1a35728b-ae5a-4256-b067-
e465cd451b4d
SM_V9_1 iris    exon    76459151        76459201        .       -
        .       Parent=Smp_343700.1;Name=04284010-2f7c-4716-a884-
c2e9934aa665
SM_V9_1 iris    exon    76462640        76462740        .       -
        .
Parent=Smp_343700.1;Name=47d8db31-536e-403a-9f23-894b4c0316bf
SM_V9_1 iris    exon    76466556        76466611        .       -
        .       Parent=Smp_343700.1;Name=2c9ad151-a0bf-4c8a-
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SM_V9_1 iris    exon    76479651        76479712        .       -
        .       Parent=Smp_343700.1;Name=bb8bb369-4189-4327-9970-
e7e5befc6c2e
SM_V9_1 iris    exon    76481057        76481224        .       -
        .       Parent=Smp_343700.1;Name=d36fb915-a93b-4eb5-9458-
a870a9fbf925
SM_V9_1 iris    exon    76483538        76483841        .       -
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SM_V9_1 iris    CDS     76332930        76333062        .       -
        1       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76335034        76335078        .       -
        1       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76337122        76337395        .       -
        2       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76340284        76340775        .       -
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SM_V9_1 iris    CDS     76344931        76344960        .       -
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SM_V9_1 iris    CDS     76349929        76350054        .       -
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SM_V9_1 iris    CDS     76352542        76352829        .       -
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SM_V9_1 iris    CDS     76357761        76358501        .       -
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SM_V9_1 iris    CDS     76364090        76364119        .       -
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SM_V9_1 iris    CDS     76368913        76369142        .       -
        2       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76370728        76370847        .       -
        2       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76386027        76386073        .       -
        1       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76389140        76389435        .       -
        0       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76397264        76397784        .       -
        2       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76419726        76420133        .       -
        2       Parent=Smp_343700.1
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SM_V9_1 iris    CDS     76432759        76432821        .       -
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SM_V9_1 iris    CDS     76449378        76449557        .       -
        1       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76454237        76454323        .       -
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SM_V9_1 iris    CDS     76456476        76456669        .       -
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        0       Parent=Smp_343700.1
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        2       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76466556        76466611        .       -
        1       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76479651        76479712        .       -
        0       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76481057        76481224        .       -
        0       Parent=Smp_343700.1
SM_V9_1 iris    CDS     76483538        76483666        .       -
        0       Parent=Smp_343700.1
SM_V9_1 Liftoff gene    76510623        76512112        .       +
        .       ID=Smp_200180;geneID=Smp_200180
SM_V9_1 Liftoff mRNA    76510623        76512112        .       +
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ID=Smp_200180.1;Parent=Smp_200180;geneID=Smp_200180;product=Dynein
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cytoplasmic;polypeptide_domain=InterPro:IPR001372,IPR019763
Pfam:PF01221;Ontology_term=GO:0005875,GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    76510623        76510885        .       +
        .       Parent=Smp_200180.1
SM_V9_1 Liftoff exon    76511652        76512112        .       +
        .       Parent=Smp_200180.1
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SM_V9_1 Liftoff CDS     76511652        76511730        .       +
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        .       ID=Smp_200650;geneID=Smp_200650
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tional myosin-VI
SM_V9_1 Liftoff exon    76515671        76515922        .       -
        .       Parent=Smp_200650.1
SM_V9_1 Liftoff CDS     76515671        76515922        .       -
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        .
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        .
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Pfam:PF01221;Ontology_term=GO:0005875,GO:0007017,GO:0030286
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        .       Parent=Smp_312630.1
SM_V9_1 Liftoff exon    76528780        76529104        .       +
        .       Parent=Smp_312630.1
SM_V9_1 Liftoff CDS     76527461        76527654        .       +
        0       Parent=Smp_312630.1
SM_V9_1 Liftoff CDS     76528780        76528858        .       +
        1       Parent=Smp_312630.1
SM_V9_1 iris    gene    76546517        76547979        .       -
        .
ID=Smp_302860;geneID=Smp_302860;gene_name=Smp_302860;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76546517        76547979        .       -
        .
ID=Smp_302860.1;Parent=Smp_302860;geneID=Smp_302860;gene_name=Smp_30
2860;owner=irisadmin@local.host;orig_id=Smp_302860.1;date_last_modif
ied=2022-07-18;Name=Smp_302860.1;product=Dynein light chain 1,
cytoplasmic;date_creation=2022-07-18
SM_V9_1 iris    exon    76546517        76546995        .       -
        .       Parent=Smp_302860.1;Name=3f6f5eae-6e5f-463c-b4d5-
c3e70bf9f70e
SM_V9_1 iris    exon    76547720        76547979        .       -
        .       Parent=Smp_302860.1;Name=731b5619-4281-41a2-b6bc-
c99b2ef2b994
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SM_V9_1 iris    CDS     76546917        76546995        .       -
        1       Parent=Smp_302860.1
SM_V9_1 iris    CDS     76547720        76547913        .       -
        0       Parent=Smp_302860.1
SM_V9_1 Liftoff gene    76558764        76560749        .       -
        .       ID=Smp_320210;geneID=Smp_320210
SM_V9_1 Liftoff mRNA    76558764        76560749        .       -
        .
ID=Smp_320210.1;Parent=Smp_320210;geneID=Smp_320210;product=Dynein
light chain 2, cytoplasmic;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    76558764        76559235        .       -
        .       Parent=Smp_320210.1
SM_V9_1 Liftoff exon    76560361        76560749        .       -
        .       Parent=Smp_320210.1
SM_V9_1 Liftoff CDS     76559157        76559235        .       -
        1       Parent=Smp_320210.1
SM_V9_1 Liftoff CDS     76560361        76560557        .       -
        0       Parent=Smp_320210.1
SM_V9_1 iris    gene    76576423        76635684        .       +
        .
ID=Smp_196920;geneID=Smp_196920;gene_name=Smp_196920;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76576423        76635684        .       +
        .
ID=Smp_196920.1;Parent=Smp_196920;geneID=Smp_196920;gene_name=Smp_19
6920;owner=irisadmin@local.host;orig_id=Smp_196920.1;date_last_modif
ied=2022-07-18;Name=Smp_196920.1;product=Neogenin;date_creation=2022
-07-18
SM_V9_1 iris    exon    76576423        76576615        .       +
        .       Parent=Smp_196920.1;Name=0cd4725a-
c4f1-40bc-9914-6f103dfb571e
SM_V9_1 iris    exon    76577413        76577516        .       +
        .       Parent=Smp_196920.1;Name=2ae2ed1d-
a72e-499b-8a96-0a3cc077918d
SM_V9_1 iris    exon    76585407        76585829        .       +
        .       Parent=Smp_196920.1;Name=cd2c6106-9a5b-4f90-
b1ee-98d7e73fc95f
SM_V9_1 iris    exon    76588563        76588703        .       +
        .       Parent=Smp_196920.1;Name=35e5b252-c3e2-47f0-
bc63-1c5c7f9786f7
SM_V9_1 iris    exon    76590469        76590627        .       +
        .       Parent=Smp_196920.1;Name=fdace37d-7dfc-4f4f-a633-
cfa919cd8e98
SM_V9_1 iris    exon    76605784        76606008        .       +
        .       Parent=Smp_196920.1;Name=fe4e019e-15e8-47c3-
be62-2420599c4ae1
SM_V9_1 iris    exon    76606113        76606208        .       +
        .       Parent=Smp_196920.1;Name=cc0a53f9-74de-4656-
bbaf-14faaaa086d4
SM_V9_1 iris    exon    76607599        76607748        .       +
        .       Parent=Smp_196920.1;Name=712b1d56-5259-404a-8772-
d0b84efe900e
SM_V9_1 iris    exon    76611587        76611727        .       +
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        .       Parent=Smp_196920.1;Name=af9bb786-
c47a-4c5d-86c2-8b07e57020ec
SM_V9_1 iris    exon    76613943        76614428        .       +
        .
Parent=Smp_196920.1;Name=e6aa7413-2d20-4dd4-8d3c-7260a0fd7d9a
SM_V9_1 iris    exon    76614923        76615141        .       +
        .       Parent=Smp_196920.1;Name=af61f3ab-5563-49ad-8f7e-
cd476a77c4ca
SM_V9_1 iris    exon    76616300        76616457        .       +
        .       Parent=Smp_196920.1;Name=0bc7d892-1fe7-4e75-8370-
db571a9be22d
SM_V9_1 iris    exon    76617691        76617924        .       +
        .
Parent=Smp_196920.1;Name=21a9a1d1-9c2b-408b-8387-6f9a97a3c94c
SM_V9_1 iris    exon    76618798        76618959        .       +
        .       Parent=Smp_196920.1;Name=aaa47c03-a8a2-45a9-
a5b1-6eab8b2991dc
SM_V9_1 iris    exon    76619622        76619786        .       +
        .
Parent=Smp_196920.1;Name=71be5ee3-1da1-4188-852e-8d92c87d8301
SM_V9_1 iris    exon    76621772        76622060        .       +
        .       Parent=Smp_196920.1;Name=302e32c7-
e6b2-4cac-9b1e-45f413f15112
SM_V9_1 iris    exon    76624442        76625119        .       +
        .
Parent=Smp_196920.1;Name=d955fe7a-0d61-4c7f-9748-163dad68689c
SM_V9_1 iris    exon    76631077        76631764        .       +
        .       Parent=Smp_196920.1;Name=786c6afd-0bcb-4376-
bf49-0fbce7d87cca
SM_V9_1 iris    exon    76632929        76633203        .       +
        .
Parent=Smp_196920.1;Name=df47f01c-3c79-4bec-88c9-54684729c845
SM_V9_1 iris    exon    76634782        76635684        .       +
        .       Parent=Smp_196920.1;Name=b4bf74a4-895d-4f3c-
abc4-6e800de01abf
SM_V9_1 iris    CDS     76577423        76577516        .       +
        0       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76585407        76585829        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76588563        76588703        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76590469        76590627        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76605784        76606008        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76606113        76606208        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76607599        76607748        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76611587        76611727        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76613943        76614428        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76614923        76615141        .       +
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        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76616300        76616457        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76617691        76617924        .       +
        0       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76618798        76618959        .       +
        0       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76619622        76619786        .       +
        0       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76621772        76622060        .       +
        0       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76624442        76625119        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76631077        76631764        .       +
        2       Parent=Smp_196920.1
SM_V9_1 iris    CDS     76632929        76633058        .       +
        1       Parent=Smp_196920.1
SM_V9_1 iris    gene    76638456        76643924        .       +
        .
ID=Smp_196925;geneID=Smp_196925;gene_name=Smp_196925;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76638456        76643924        .       +
        .
ID=Smp_196925.1;Parent=Smp_196925;geneID=Smp_196925;gene_name=Smp_19
6925;owner=irisadmin@local.host;orig_id=Smp_196920.1;date_last_modif
ied=2022-07-18;Name=Smp_196925.1;date_creation=2022-07-18
SM_V9_1 iris    exon    76638456        76638535        .       +
        .       Parent=Smp_196925.1;Name=Smp_196925.1-CDS
SM_V9_1 iris    exon    76643750        76643924        .       +
        .
Parent=Smp_196925.1;Name=2a31ea7e-8197-43a8-960a-9868e2839c3e
SM_V9_1 iris    CDS     76638477        76638535        .       +
        0       Parent=Smp_196925.1
SM_V9_1 iris    CDS     76643750        76643762        .       +
        1       Parent=Smp_196925.1
SM_V9_1 iris    gene    76652636        76654665        .       -
        .
ID=Smp_200190;geneID=Smp_200190;gene_name=Smp_200190;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76652636        76654665        .       -
        .
ID=Smp_200190.1;Parent=Smp_200190;geneID=Smp_200190;gene_name=Smp_20
0190;owner=irisadmin@local.host;orig_id=Smp_200190.1;date_last_modif
ied=2022-07-18;Name=Smp_200190.1;product=Dynein light chain 2,
cytoplasmic;date_creation=2022-07-18
SM_V9_1 iris    exon    76652636        76653065        .       -
        .       Parent=Smp_200190.1;Name=27309ee8-06c0-4e3e-
b9fe-5fff0f5eec22
SM_V9_1 iris    exon    76654234        76654665        .       -
        .       Parent=Smp_200190.1;Name=11af08fb-4868-4516-
aa6d-057b66f5b377
SM_V9_1 iris    CDS     76652987        76653065        .       -
        1       Parent=Smp_200190.1
SM_V9_1 iris    CDS     76654234        76654424        .       -
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        0       Parent=Smp_200190.1
SM_V9_1 iris    gene    76724084        76808291        .       +
        .
ID=Smp_144310;geneID=Smp_144310;gene_name=Smp_144310;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76724084        76808291        .       +
        .
ID=Smp_144310.1;Parent=Smp_144310;geneID=Smp_144310;gene_name=Smp_14
4310;owner=irisadmin@local.host;orig_id=Smp_144310.3;date_last_modif
ied=2022-07-18;Name=Smp_144310.1;product=Potassium voltage-gated
channel subfamily KQT member 2;date_creation=2022-07-18
SM_V9_1 iris    exon    76724084        76724818        .       +
        .       Parent=Smp_144310.1;Name=73915480-137a-44d5-812e-
fe668c4bfc0d
SM_V9_1 iris    exon    76762494        76762584        .       +
        .       Parent=Smp_144310.1;Name=de8758c9-
d171-4511-9c19-561ba95c44b0
SM_V9_1 iris    exon    76766688        76766814        .       +
        .       Parent=Smp_144310.1;Name=1a796ec3-4240-42b7-ac9e-
d5d8dd06bda3
SM_V9_1 iris    exon    76769523        76769698        .       +
        .
Parent=Smp_144310.1;Name=914f8b27-236d-4311-81ee-281982023af5
SM_V9_1 iris    exon    76772213        76772338        .       +
        .       Parent=Smp_144310.1;Name=469728dd-
f3b6-488a-8242-0ab5d0eb0365
SM_V9_1 iris    exon    76775191        76775301        .       +
        .
Parent=Smp_144310.1;Name=a3a63453-33b2-4a6b-97ec-7344603e3193
SM_V9_1 iris    exon    76785955        76786065        .       +
        .       Parent=Smp_144310.1;Name=b3e7d33d-7a2e-4113-9122-
a9c9a8d4208d
SM_V9_1 iris    exon    76790982        76791166        .       +
        .
Parent=Smp_144310.1;Name=25d1152f-2d40-4f11-8302-0885a546e845
SM_V9_1 iris    exon    76797345        76797578        .       +
        .       Parent=Smp_144310.1;Name=2175a9f5-1215-4554-9094-
b2b11795eb1b
SM_V9_1 iris    exon    76800263        76800321        .       +
        .       Parent=Smp_144310.1;Name=a1b42f0a-c9b6-4d12-
a617-78bcd68fe675
SM_V9_1 iris    exon    76802802        76803189        .       +
        .       Parent=Smp_144310.1;Name=4a438aca-3b54-460f-
ba6b-7c1c5aa48577
SM_V9_1 iris    exon    76804187        76804283        .       +
        .
Parent=Smp_144310.1;Name=5b2c7d8d-2e58-434a-983f-99ad796988b9
SM_V9_1 iris    exon    76806627        76808291        .       +
        .       Parent=Smp_144310.1;Name=279deac9-d892-49fe-
a2cc-26201861e07e
SM_V9_1 iris    CDS     76724265        76724818        .       +
        0       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76762494        76762584        .       +
        1       Parent=Smp_144310.1
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SM_V9_1 iris    CDS     76766688        76766814        .       +
        0       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76769523        76769698        .       +
        2       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76772213        76772338        .       +
        0       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76775191        76775301        .       +
        0       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76785955        76786065        .       +
        0       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76790982        76791166        .       +
        0       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76797345        76797578        .       +
        1       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76800263        76800321        .       +
        1       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76802802        76803189        .       +
        2       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76804187        76804283        .       +
        1       Parent=Smp_144310.1
SM_V9_1 iris    CDS     76806627        76807544        .       +
        0       Parent=Smp_144310.1
SM_V9_1 iris    gene    76842918        76872903        .       -
        .
ID=Smp_040610;geneID=Smp_040610;gene_name=Smp_040610;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    76842918        76872903        .       -
        .
ID=Smp_040610.1;Parent=Smp_040610;geneID=Smp_040610;gene_name=Smp_04
0610;owner=irisadmin@local.host;orig_id=Smp_040610.1;date_last_modif
ied=2022-07-18;Name=Smp_040610.1;product=LETM1 domain-containing
protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    76842918        76843276        .       -
        .       Parent=Smp_040610.1;Name=46dd5f73-9d5b-478a-
b8b6-62ec6524def4
SM_V9_1 iris    exon    76845945        76846041        .       -
        .       Parent=Smp_040610.1;Name=74e1fb86-fb74-4630-8b84-
fb44b86c07ed
SM_V9_1 iris    exon    76848549        76848776        .       -
        .       Parent=Smp_040610.1;Name=259ae4ad-
befd-4002-986c-5b6435074e44
SM_V9_1 iris    exon    76857285        76857383        .       -
        .
Parent=Smp_040610.1;Name=e5e18c35-6c97-4ad2-841d-9d0e9e197dc3
SM_V9_1 iris    exon    76868058        76868274        .       -
        .       Parent=Smp_040610.1;Name=847de376-f325-4e9d-
accd-5cd11a1c115f
SM_V9_1 iris    exon    76870544        76870623        .       -
        .       Parent=Smp_040610.1;Name=4354c732-44f1-42b1-
aada-0da7d1c6d5ff
SM_V9_1 iris    exon    76871109        76871236        .       -
        .       Parent=Smp_040610.1;Name=24e79f91-ba7d-403c-b9a5-
d0ad38bc4d59
SM_V9_1 iris    exon    76872676        76872903        .       -
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        .
Parent=Smp_040610.1;Name=4626f705-3f50-4534-84aa-1efda4f63214
SM_V9_1 iris    CDS     76843188        76843276        .       -
        2       Parent=Smp_040610.1
SM_V9_1 iris    CDS     76845945        76846041        .       -
        0       Parent=Smp_040610.1
SM_V9_1 iris    CDS     76848549        76848776        .       -
        0       Parent=Smp_040610.1
SM_V9_1 iris    CDS     76857285        76857383        .       -
        0       Parent=Smp_040610.1
SM_V9_1 iris    CDS     76868058        76868274        .       -
        1       Parent=Smp_040610.1
SM_V9_1 iris    CDS     76870544        76870623        .       -
        0       Parent=Smp_040610.1
SM_V9_1 iris    CDS     76871109        76871236        .       -
        2       Parent=Smp_040610.1
SM_V9_1 iris    CDS     76872676        76872814        .       -
        0       Parent=Smp_040610.1
SM_V9_1 iris    gene    76882680        76902270        .       -
        .
ID=Smp_102920;geneID=Smp_102920;gene_name=Smp_102920;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    76882680        76902270        .       -
        .
ID=Smp_102920.1;Parent=Smp_102920;geneID=Smp_102920;gene_name=Smp_10
2920;owner=irisadmin@local.host;orig_id=Smp_102920.2;date_last_modif
ied=2022-08-01;Name=Smp_102920.1;product=tRNA
dimethylallyltransferase, mitochondrial;date_creation=2022-07-29
SM_V9_1 iris    exon    76882680        76883195        .       -
        .       Parent=Smp_102920.1;Name=83261a97-
cec4-46bb-8fac-89b4af281865
SM_V9_1 iris    exon    76885967        76886199        .       -
        .       Parent=Smp_102920.1;Name=1d1ef582-120c-448c-
b547-190928b41f2b
SM_V9_1 iris    exon    76892125        76892528        .       -
        .       Parent=Smp_102920.1;Name=1c645900-8078-4ca0-b8d0-
c68dc7d5c2f7
SM_V9_1 iris    exon    76895400        76895647        .       -
        .       Parent=Smp_102920.1;Name=18878ee7-3411-42c1-ba2f-
fdd0a6134f26
SM_V9_1 iris    exon    76897687        76897882        .       -
        .       Parent=Smp_102920.1;Name=d663676a-
ea52-4af6-976a-8eecfb5126ec
SM_V9_1 iris    exon    76897917        76898021        .       -
        .       Parent=Smp_102920.1;Name=be9f89da-1614-4605-a240-
b69da1c4f5ff
SM_V9_1 iris    exon    76902187        76902270        .       -
        .
Parent=Smp_102920.1;Name=60ea0955-0f33-4baf-8233-94306943362d
SM_V9_1 iris    CDS     76882743        76883195        .       -
        0       Parent=Smp_102920.1
SM_V9_1 iris    CDS     76885967        76886199        .       -
        2       Parent=Smp_102920.1
SM_V9_1 iris    CDS     76892125        76892528        .       -
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        1       Parent=Smp_102920.1
SM_V9_1 iris    CDS     76895400        76895647        .       -
        0       Parent=Smp_102920.1
SM_V9_1 iris    CDS     76897687        76897882        .       -
        1       Parent=Smp_102920.1
SM_V9_1 iris    CDS     76897917        76897951        .       -
        0       Parent=Smp_102920.1
SM_V9_1 iris    mRNA    76882680        76902270        .       -
        .
ID=Smp_102920.2;Parent=Smp_102920;geneID=Smp_102920;gene_name=Smp_10
2920;owner=irisadmin@local.host;date_last_modified=2022-08-01;Name=S
mp_102920.2;product=tRNA dimethylallyltransferase,
mitochondrial;date_creation=2022-07-29
SM_V9_1 iris    exon    76882680        76883195        .       -
        .       Parent=Smp_102920.2;Name=a0ee4150-6152-41c5-ad4a-
dc0e8dc01b52
SM_V9_1 iris    exon    76885967        76886199        .       -
        .       Parent=Smp_102920.2;Name=4d99069b-bca6-469c-8b11-
d02e0f30d329
SM_V9_1 iris    exon    76892125        76892528        .       -
        .
Parent=Smp_102920.2;Name=ea0e61f1-8177-41ce-9496-5d8ebd2e9447
SM_V9_1 iris    exon    76897687        76897854        .       -
        .
Parent=Smp_102920.2;Name=d4400ebf-5d2a-44a6-8615-20a7d4b77c36
SM_V9_1 iris    exon    76897917        76898021        .       -
        .       Parent=Smp_102920.2;Name=0e384835-f731-42f2-8d5e-
eebabf5ad790
SM_V9_1 iris    exon    76902187        76902270        .       -
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bd4c-976eb6b86c4f
SM_V9_1 iris    CDS     76882743        76883195        .       -
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SM_V9_1 iris    CDS     76885967        76886199        .       -
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SM_V9_1 iris    CDS     76892125        76892528        .       -
        1       Parent=Smp_102920.2
SM_V9_1 iris    CDS     76897687        76897730        .       -
        0       Parent=Smp_102920.2
SM_V9_1 iris    gene    76926054        76986475        .       +
        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    76926054        76986475        .       +
        .
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ied=2022-08-01;Name=Smp_152000.1;product=Ubiquitin carboxyl-terminal
hydrolase 8;date_creation=2022-07-29
SM_V9_1 iris    exon    76926054        76926161        .       +
        .       Parent=Smp_152000.1;Name=13ba47e9-6c65-4a76-b16b-
ab1848077626
SM_V9_1 iris    exon    76933820        76933923        .       +
        .       Parent=Smp_152000.1;Name=818beed4-631c-47ad-8bae-
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b68ffeca349f
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        .       Parent=Smp_152000.1;Name=e1b79d21-e8a7-4a14-
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SM_V9_1 iris    exon    76936591        76936735        .       +
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e3a21143d611
SM_V9_1 iris    exon    76936777        76936951        .       +
        .       Parent=Smp_152000.1;Name=614b83aa-cb4e-4197-
b2f3-9a7021ecebad
SM_V9_1 iris    exon    76942697        76942874        .       +
        .       Parent=Smp_152000.1;Name=23ede10f-8c0a-48b6-
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SM_V9_1 iris    exon    76943922        76944069        .       +
        .       Parent=Smp_152000.1;Name=792e72bf-7667-44a3-a125-
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SM_V9_1 iris    exon    76947894        76948174        .       +
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SM_V9_1 iris    exon    76957910        76957977        .       +
        .       Parent=Smp_152000.1;Name=cc9594c2-5c41-494c-
afe0-529cc28a7c07
SM_V9_1 iris    exon    76961434        76961512        .       +
        .
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b2c3-0f690987ca71
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SM_V9_1 iris    exon    76971791        76971895        .       +
        .       Parent=Smp_152000.1;Name=67b225b7-
b83d-43bf-9bd6-0b9b5bb8cb85
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        .       Parent=Smp_152000.1;Name=1f13a0d6-ba3f-4248-
a0bf-91ce157fcdb6
SM_V9_1 iris    exon    76975755        76975865        .       +
        .       Parent=Smp_152000.1;Name=d893d17a-1a63-4176-89da-
db52a78ef5e5
SM_V9_1 iris    exon    76976400        76976542        .       +
        .       Parent=Smp_152000.1;Name=c226f054-591f-47f7-
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SM_V9_1 iris    exon    76978583        76978715        .       +
        .       Parent=Smp_152000.1;Name=fc651088-
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SM_V9_1 iris    exon    76980715        76980745        .       +
        .       Parent=Smp_152000.1;Name=570ff9e7-5dc9-4765-
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SM_V9_1 iris    exon    76983072        76983160        .       +
        .       Parent=Smp_152000.1;Name=5f10b1b9-
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SM_V9_1 iris    exon    76985864        76986475        .       +
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SM_V9_1 iris    CDS     76936591        76936735        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76936777        76936951        .       +
        2       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76942697        76942874        .       +
        1       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76943922        76944069        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76947894        76948174        .       +
        2       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76957910        76957977        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76961434        76961512        .       +
        1       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76962631        76962925        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76964496        76964740        .       +
        2       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76971791        76971895        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76974252        76974395        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76975755        76975865        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76976400        76976542        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76978583        76978715        .       +
        1       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76980715        76980745        .       +
        0       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76983072        76983160        .       +
        2       Parent=Smp_152000.1
SM_V9_1 iris    CDS     76985864        76985947        .       +
        0       Parent=Smp_152000.1
SM_V9_1 Liftoff gene    76986705        76991660        .       -
        .       ID=Smp_055920;geneID=Smp_055920
SM_V9_1 Liftoff mRNA    76986705        76991660        .       -
        .
ID=Smp_055920.1;Parent=Smp_055920;geneID=Smp_055920;product=Ubiquiti
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kDa;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_1 Liftoff exon    76986705        76987842        .       -
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SM_V9_1 Liftoff exon    76991096        76991167        .       -
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SM_V9_1 Liftoff exon    76991203        76991335        .       -
        .       Parent=Smp_055920.1
SM_V9_1 Liftoff exon    76991367        76991417        .       -
        .       Parent=Smp_055920.1
SM_V9_1 Liftoff exon    76991454        76991660        .       -
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SM_V9_1 Liftoff CDS     76991096        76991167        .       -
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SM_V9_1 Liftoff CDS     76991203        76991335        .       -
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SM_V9_1 Liftoff CDS     76991367        76991417        .       -
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SM_V9_1 Liftoff CDS     76991454        76991617        .       -
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SM_V9_1 iris    gene    76998970        77012830        .       +
        .
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SM_V9_1 iris    mRNA    76998970        77012830        .       +
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ID=Smp_347880.1;Parent=Smp_347880;geneID=Smp_347880;gene_name=Smp_34
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methyltransferase CARMER;date_creation=2022-07-18
SM_V9_1 iris    exon    76998970        76999290        .       +
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aa5e-09bb0a813e52
SM_V9_1 iris    exon    76999327        76999441        .       +
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feaf51db4415
SM_V9_1 iris    exon    76999480        76999544        .       +
        .       Parent=Smp_347880.1;Name=a121dd6b-a6f1-4cc0-
b097-3060c7ea8627
SM_V9_1 iris    exon    76999595        76999671        .       +
        .       Parent=Smp_347880.1;Name=03df0f2b-43af-42e9-
b31a-79f71419087b
SM_V9_1 iris    exon    76999712        76999850        .       +
        .       Parent=Smp_347880.1;Name=a369a74f-8007-419b-
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SM_V9_1 iris    exon    77006097        77006176        .       +
        .       Parent=Smp_347880.1;Name=2b013f15-f58e-4f69-b419-
b4b86b002fdf
SM_V9_1 iris    exon    77009863        77009904        .       +
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f32904158fb5
SM_V9_1 iris    exon    77010804        77010914        .       +
        .
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SM_V9_1 iris    exon    77012655        77012830        .       +
        .       Parent=Smp_347880.1;Name=efaa0f74-a690-4013-
b2a0-5e56adabe7c2
SM_V9_1 iris    CDS     76999069        76999290        .       +
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SM_V9_1 iris    CDS     76999327        76999441        .       +
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SM_V9_1 iris    CDS     76999480        76999544        .       +
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SM_V9_1 iris    CDS     76999595        76999671        .       +
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SM_V9_1 iris    CDS     77006097        77006176        .       +
        0       Parent=Smp_347880.1
SM_V9_1 iris    CDS     77009863        77009904        .       +
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SM_V9_1 iris    CDS     77010804        77010914        .       +
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SM_V9_1 iris    CDS     77012655        77012739        .       +
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        .
ID=Smp_247560;geneID=Smp_247560;previous_systematic_id=Smp_152010
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        .
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SM_V9_1 Liftoff exon    77022193        77022313        .       +
        .       Parent=Smp_247560.1
SM_V9_1 Liftoff exon    77022352        77022583        .       +
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SM_V9_1 Liftoff exon    77025507        77025661        .       +
        .       Parent=Smp_247560.1
SM_V9_1 Liftoff exon    77028505        77031297        .       +
        .       Parent=Smp_247560.1
SM_V9_1 Liftoff CDS     77021915        77022155        .       +
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SM_V9_1 Liftoff CDS     77022193        77022313        .       +
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SM_V9_1 Liftoff CDS     77022352        77022583        .       +
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SM_V9_1 Liftoff CDS     77025507        77025661        .       +
        0       Parent=Smp_247560.1
SM_V9_1 Liftoff CDS     77028505        77028700        .       +
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SM_V9_1 Liftoff gene    77034239        77091098        .       -
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Pfam:PF13965;Ontology_term=GO:0016021,GO:0033227,GO:0051033
SM_V9_1 Liftoff exon    77034239        77034622        .       -
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SM_V9_1 Liftoff exon    77035953        77036066        .       -
        .       Parent=Smp_344430.1
SM_V9_1 Liftoff exon    77041477        77041587        .       -
        .       Parent=Smp_344430.1
SM_V9_1 Liftoff exon    77046349        77046454        .       -
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SM_V9_1 Liftoff exon    77053401        77053503        .       -
        .       Parent=Smp_344430.1
SM_V9_1 Liftoff exon    77058190        77058326        .       -
        .       Parent=Smp_344430.1
SM_V9_1 Liftoff exon    77059254        77059371        .       -
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SM_V9_1 Liftoff exon    77062086        77062131        .       -
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SM_V9_1 Liftoff exon    77063275        77063423        .       -
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SM_V9_1 Liftoff exon    77064623        77064689        .       -
        .       Parent=Smp_344430.1
SM_V9_1 Liftoff exon    77065458        77065531        .       -
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SM_V9_1 Liftoff exon    77068691        77069382        .       -
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SM_V9_1 Liftoff exon    77077683        77077776        .       -
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        0       Parent=Smp_344430.1
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SM_V9_1 Liftoff CDS     77051224        77051344        .       -
        2       Parent=Smp_344430.1
SM_V9_1 Liftoff CDS     77053401        77053503        .       -
        0       Parent=Smp_344430.1
SM_V9_1 Liftoff CDS     77058190        77058326        .       -
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SM_V9_1 Liftoff CDS     77059254        77059371        .       -
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SM_V9_1 Liftoff CDS     77064623        77064689        .       -
        1       Parent=Smp_344430.1
SM_V9_1 Liftoff CDS     77065458        77065531        .       -
        0       Parent=Smp_344430.1
SM_V9_1 Liftoff CDS     77068691        77069382        .       -
        2       Parent=Smp_344430.1
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SM_V9_1 Liftoff CDS     77075499        77075524        .       -
        1       Parent=Smp_344430.1
SM_V9_1 Liftoff CDS     77077683        77077776        .       -
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SM_V9_1 Liftoff CDS     77079430        77079519        .       -
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SM_V9_1 Liftoff CDS     77082239        77082335        .       -
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        0       Parent=Smp_344430.1
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Pfam:PF13965;Ontology_term=GO:0016021,GO:0033227,GO:0051033
SM_V9_1 Liftoff exon    77034239        77034622        .       -
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SM_V9_1 Liftoff exon    77035953        77036066        .       -
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SM_V9_1 Liftoff exon    77041477        77041587        .       -
        .       Parent=Smp_344430.2
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        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77051224        77051344        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77053401        77053503        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77058190        77058326        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77059254        77059371        .       -
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SM_V9_1 Liftoff exon    77065458        77065531        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77068691        77069382        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77075499        77075524        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77077683        77077776        .       -
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SM_V9_1 Liftoff exon    77079430        77079519        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77082239        77082335        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77082386        77082469        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77082520        77082664        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77082708        77082863        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77082917        77083038        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff exon    77083098        77091098        .       -
        .       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77034560        77034622        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77035953        77036066        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77041477        77041587        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77046349        77046454        .       -
        1       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77051224        77051344        .       -
        2       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77053401        77053503        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77058190        77058326        .       -
        2       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77059254        77059371        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77062086        77062131        .       -
        1       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77063275        77063423        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77064623        77064689        .       -
        1       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77065458        77065531        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77068691        77069382        .       -
        2       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77075499        77075524        .       -
        1       Parent=Smp_344430.2
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SM_V9_1 Liftoff CDS     77077683        77077776        .       -
        2       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77079430        77079519        .       -
        2       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77082239        77082335        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77082386        77082469        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77082520        77082664        .       -
        1       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77082708        77082863        .       -
        1       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77082917        77083038        .       -
        0       Parent=Smp_344430.2
SM_V9_1 Liftoff CDS     77083098        77083253        .       -
        0       Parent=Smp_344430.2
SM_V9_1 iris    gene    77097784        77100076        .       +
        .
ID=Smp_055960;geneID=Smp_055960;gene_name=Smp_055960;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    77097784        77100076        .       +
        .
ID=Smp_055960.1;Parent=Smp_055960;geneID=Smp_055960;gene_name=Smp_05
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ied=2022-08-01;Name=Smp_055960.1;product=Ubiquitin-conjugating
enzyme E2 R2;date_creation=2022-07-29
SM_V9_1 iris    exon    77097784        77098001        .       +
        .       Parent=Smp_055960.1;Name=cf174cc3-0ed8-4356-80a8-
fee6aa0c2575
SM_V9_1 iris    exon    77098033        77098217        .       +
        .
Parent=Smp_055960.1;Name=6c92f3e3-3271-47d5-99f9-67c5dabf845a
SM_V9_1 iris    exon    77098253        77098387        .       +
        .       Parent=Smp_055960.1;Name=8194a024-7a39-4659-
abda-4c540cd513a1
SM_V9_1 iris    exon    77099363        77100076        .       +
        .       Parent=Smp_055960.1;Name=74b2667b-0619-4770-8e84-
a2b3905b8367
SM_V9_1 iris    CDS     77097822        77098001        .       +
        0       Parent=Smp_055960.1
SM_V9_1 iris    CDS     77098033        77098217        .       +
        0       Parent=Smp_055960.1
SM_V9_1 iris    CDS     77098253        77098387        .       +
        1       Parent=Smp_055960.1
SM_V9_1 iris    CDS     77099363        77099732        .       +
        1       Parent=Smp_055960.1
SM_V9_1 Liftoff gene    77103738        77117372        .       +
        .       ID=Smp_152030;geneID=Smp_152030
SM_V9_1 Liftoff mRNA    77103738        77117372        .       +
        .
ID=Smp_152030.1;Parent=Smp_152030;geneID=Smp_152030;product=Uncharac
terized protein MJ0906
SM_V9_1 Liftoff exon    77103738        77103749        .       +
        .       Parent=Smp_152030.1
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SM_V9_1 Liftoff exon    77109928        77110014        .       +
        .       Parent=Smp_152030.1
SM_V9_1 Liftoff exon    77117265        77117372        .       +
        .       Parent=Smp_152030.1
SM_V9_1 Liftoff CDS     77103738        77103749        .       +
        0       Parent=Smp_152030.1
SM_V9_1 Liftoff CDS     77109928        77110014        .       +
        0       Parent=Smp_152030.1
SM_V9_1 Liftoff CDS     77117265        77117372        .       +
        0       Parent=Smp_152030.1
SM_V9_1 Liftoff gene    77124701        77125342        .       +
        .       ID=Smp_152040;geneID=Smp_152040
SM_V9_1 Liftoff mRNA    77124701        77125342        .       +
        .
ID=Smp_152040.1;Parent=Smp_152040;geneID=Smp_152040;product=NRAMP-
like transporter smf-3
SM_V9_1 Liftoff exon    77124701        77124757        .       +
        .       Parent=Smp_152040.1
SM_V9_1 Liftoff exon    77125244        77125342        .       +
        .       Parent=Smp_152040.1
SM_V9_1 Liftoff CDS     77124701        77124757        .       +
        0       Parent=Smp_152040.1
SM_V9_1 Liftoff CDS     77125244        77125342        .       +
        0       Parent=Smp_152040.1
SM_V9_1 iris    gene    77132347        77151160        .       +
        .
ID=Smp_344440;geneID=Smp_344440;gene_name=Smp_344440;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    77132347        77151160        .       +
        .
ID=Smp_344440.1;Parent=Smp_344440;geneID=Smp_344440;gene_name=Smp_34
4440;owner=irisadmin@local.host;orig_id=Smp_344440.1;date_last_modif
ied=2022-08-01;Name=Smp_344440.1;product=Tetraspanin-1;date_creation
=2022-07-29
SM_V9_1 iris    exon    77132347        77132460        .       +
        .       Parent=Smp_344440.1;Name=b3d86ce5-b2ec-497c-a52c-
a5cb82aae640
SM_V9_1 iris    exon    77132497        77132587        .       +
        .       Parent=Smp_344440.1;Name=13de9641-c029-4edb-
a5e3-8c8e4a0197c8
SM_V9_1 iris    exon    77138257        77138493        .       +
        .       Parent=Smp_344440.1;Name=c3615fe7-e423-4407-9598-
d1ed00292d25
SM_V9_1 iris    exon    77141951        77142025        .       +
        .       Parent=Smp_344440.1;Name=e239e1ba-
b0ba-4cf1-9a97-614ec33871cd
SM_V9_1 iris    exon    77144641        77144766        .       +
        .       Parent=Smp_344440.1;Name=ddab3bd8-
e38e-4f62-982e-73e30030f114
SM_V9_1 iris    exon    77145593        77145749        .       +
        .       Parent=Smp_344440.1;Name=7c361618-1107-49c4-9d19-
e078624a924e
SM_V9_1 iris    exon    77149312        77149472        .       +
        .       Parent=Smp_344440.1;Name=c0c75c64-7f02-4f4f-95b7-
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e525078a2214
SM_V9_1 iris    exon    77150503        77151160        .       +
        .       Parent=Smp_344440.1;Name=50bbc1a7-fed8-4f02-
b91e-923d70b9eea3
SM_V9_1 iris    CDS     77132528        77132587        .       +
        0       Parent=Smp_344440.1
SM_V9_1 iris    CDS     77138257        77138493        .       +
        0       Parent=Smp_344440.1
SM_V9_1 iris    CDS     77141951        77142025        .       +
        0       Parent=Smp_344440.1
SM_V9_1 iris    CDS     77144641        77144766        .       +
        0       Parent=Smp_344440.1
SM_V9_1 iris    CDS     77145593        77145749        .       +
        0       Parent=Smp_344440.1
SM_V9_1 iris    CDS     77149312        77149472        .       +
        2       Parent=Smp_344440.1
SM_V9_1 iris    CDS     77150503        77150574        .       +
        0       Parent=Smp_344440.1
SM_V9_1 Liftoff gene    77173640        77204693        .       -
        .       ID=Smp_152060;geneID=Smp_152060
SM_V9_1 Liftoff mRNA    77173640        77204693        .       -
        .
ID=Smp_152060.1;Parent=Smp_152060;geneID=Smp_152060;product=C2
domain-containing protein 2;polypeptide_domain=InterPro:IPR000008
SM_V9_1 Liftoff exon    77173640        77174335        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77177300        77177407        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77178959        77179549        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77180994        77181039        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77186554        77186573        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77186693        77187293        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77188455        77188756        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77190202        77190263        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77199323        77199428        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77200668        77201358        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77203711        77203845        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77203883        77203990        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77204023        77204136        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77204169        77204270        .       -
        .       Parent=Smp_152060.1
SM_V9_1 Liftoff exon    77204306        77204693        .       -
        .       Parent=Smp_152060.1
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SM_V9_1 Liftoff CDS     77174202        77174335        .       -
        2       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77177300        77177407        .       -
        2       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77178959        77179549        .       -
        2       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77180994        77181039        .       -
        0       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77186554        77186573        .       -
        2       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77186693        77187293        .       -
        0       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77188455        77188756        .       -
        2       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77190202        77190263        .       -
        1       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77199323        77199428        .       -
        2       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77200668        77201358        .       -
        0       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77203711        77203845        .       -
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SM_V9_1 Liftoff CDS     77203883        77203990        .       -
        0       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77204023        77204136        .       -
        0       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77204169        77204270        .       -
        0       Parent=Smp_152060.1
SM_V9_1 Liftoff CDS     77204306        77204650        .       -
        0       Parent=Smp_152060.1
SM_V9_1 Liftoff gene    77209617        77220701        .       +
        .       ID=Smp_055990;geneID=Smp_055990
SM_V9_1 Liftoff mRNA    77209617        77220701        .       +
        .
ID=Smp_055990.1;Parent=Smp_055990;geneID=Smp_055990;product=adenylos
uccinate synthetase;evidence=Inferred from Sequence or structural
Similarity;polypeptide_domain=InterPro:IPR001114,IPR018220,IPR027417
,IPR033128
Pfam:PF00709;Ontology_term=GO:0004019,GO:0005525,GO:0006164
SM_V9_1 Liftoff exon    77209617        77209899        .       +
        .       Parent=Smp_055990.1
SM_V9_1 Liftoff exon    77209931        77210055        .       +
        .       Parent=Smp_055990.1
SM_V9_1 Liftoff exon    77210093        77210203        .       +
        .       Parent=Smp_055990.1
SM_V9_1 Liftoff exon    77210239        77210442        .       +
        .       Parent=Smp_055990.1
SM_V9_1 Liftoff exon    77213291        77213531        .       +
        .       Parent=Smp_055990.1
SM_V9_1 Liftoff exon    77217771        77217988        .       +
        .       Parent=Smp_055990.1
SM_V9_1 Liftoff exon    77220004        77220701        .       +
        .       Parent=Smp_055990.1
SM_V9_1 Liftoff CDS     77209764        77209899        .       +
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        0       Parent=Smp_055990.1
SM_V9_1 Liftoff CDS     77209931        77210055        .       +
        2       Parent=Smp_055990.1
SM_V9_1 Liftoff CDS     77210093        77210203        .       +
        0       Parent=Smp_055990.1
SM_V9_1 Liftoff CDS     77210239        77210442        .       +
        0       Parent=Smp_055990.1
SM_V9_1 Liftoff CDS     77213291        77213531        .       +
        0       Parent=Smp_055990.1
SM_V9_1 Liftoff CDS     77217771        77217988        .       +
        2       Parent=Smp_055990.1
SM_V9_1 Liftoff CDS     77220004        77220270        .       +
        0       Parent=Smp_055990.1
SM_V9_1 iris    gene    77272085        77331628        .       +
        .
ID=Smp_152090;geneID=Smp_152090;gene_name=Smp_152090;owner=irisadmin
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SM_V9_1 iris    mRNA    77272085        77331628        .       +
        .
ID=Smp_152090.1;Parent=Smp_152090;geneID=Smp_152090;gene_name=Smp_15
2090;owner=irisadmin@local.host;orig_id=Smp_152090.1;date_last_modif
ied=2022-07-18;Name=Smp_152090.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    77272085        77272442        .       +
        .       Parent=Smp_152090.1;Name=58bdf083-f2d2-4252-9308-
c0c5c620d801
SM_V9_1 iris    exon    77313914        77314209        .       +
        .       Parent=Smp_152090.1;Name=7986d01b-
a3fd-45e4-84f3-471d877aaee5
SM_V9_1 iris    exon    77317202        77317496        .       +
        .       Parent=Smp_152090.1;Name=9d520b84-5ae6-4f42-
b2be-7f65a6feb215
SM_V9_1 iris    exon    77327799        77328324        .       +
        .       Parent=Smp_152090.1;Name=2d3bce0b-2425-468d-b3f1-
fcf4483c8387
SM_V9_1 iris    exon    77330097        77331628        .       +
        .       Parent=Smp_152090.1;Name=2efd3e6c-3793-47dd-a7b7-
b0cb96d65c4b
SM_V9_1 iris    CDS     77272358        77272442        .       +
        0       Parent=Smp_152090.1
SM_V9_1 iris    CDS     77313914        77314209        .       +
        2       Parent=Smp_152090.1
SM_V9_1 iris    CDS     77317202        77317496        .       +
        0       Parent=Smp_152090.1
SM_V9_1 iris    CDS     77327799        77328324        .       +
        2       Parent=Smp_152090.1
SM_V9_1 iris    CDS     77330097        77331468        .       +
        1       Parent=Smp_152090.1
SM_V9_1 iris    gene    77338859        77361935        .       -
        .
ID=Smp_152110;geneID=Smp_152110;gene_name=Smp_152110;owner=irisadmin
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SM_V9_1 iris    mRNA    77338859        77361935        .       -
        .
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ID=Smp_152110.1;Parent=Smp_152110;geneID=Smp_152110;gene_name=Smp_15
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ied=2022-07-18;Name=Smp_152110.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    77338859        77339420        .       -
        .       Parent=Smp_152110.1;Name=adf51e15-0579-40c9-a79d-
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SM_V9_1 iris    exon    77341006        77341186        .       -
        .
Parent=Smp_152110.1;Name=25a1ef7d-28c7-4156-8f76-37e9f750f049
SM_V9_1 iris    exon    77341779        77341976        .       -
        .       Parent=Smp_152110.1;Name=825710ee-0efa-475a-
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SM_V9_1 iris    exon    77344497        77344653        .       -
        .       Parent=Smp_152110.1;Name=3e24d8e3-9421-4005-
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SM_V9_1 iris    exon    77345890        77346032        .       -
        .       Parent=Smp_152110.1;Name=0406070f-ed09-49d7-89ca-
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SM_V9_1 iris    exon    77346354        77346537        .       -
        .       Parent=Smp_152110.1;Name=0ec4f7cd-7f10-4fe7-
a1a6-2db26d78c7d6
SM_V9_1 iris    exon    77350558        77350700        .       -
        .       Parent=Smp_152110.1;Name=1b598945-
fe6d-40d1-843b-7db29bf10026
SM_V9_1 iris    exon    77351022        77351205        .       -
        .       Parent=Smp_152110.1;Name=2878f64d-
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SM_V9_1 iris    exon    77352638        77352747        .       -
        .       Parent=Smp_152110.1;Name=f0e515d3-567f-4379-854c-
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SM_V9_1 iris    exon    77353330        77353498        .       -
        .       Parent=Smp_152110.1;Name=61d5a7ad-f29c-4ce1-
b06a-47221703c225
SM_V9_1 iris    exon    77355878        77355975        .       -
        .       Parent=Smp_152110.1;Name=d0442ed7-f409-4191-994a-
f0f57ac950d0
SM_V9_1 iris    exon    77357317        77357437        .       -
        .       Parent=Smp_152110.1;Name=190e7d20-ee0f-41a9-
ae4f-4be11088e653
SM_V9_1 iris    exon    77360036        77360125        .       -
        .       Parent=Smp_152110.1;Name=c324bc34-5b25-4d89-
a66b-87cbbb3dab0a
SM_V9_1 iris    exon    77360731        77361341        .       -
        .       Parent=Smp_152110.1;Name=0eead7c4-4d60-49bc-8d9f-
fc3be627473d
SM_V9_1 iris    exon    77361384        77361426        .       -
        .       Parent=Smp_152110.1;Name=3f126d7b-a3f8-4571-b75d-
ad5850140bdd
SM_V9_1 iris    exon    77361806        77361935        .       -
        .       Parent=Smp_152110.1;Name=bbbab8a9-7e97-4d47-
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SM_V9_1 iris    CDS     77341065        77341186        .       -
        2       Parent=Smp_152110.1
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SM_V9_1 iris    CDS     77341779        77341976        .       -
        2       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77344497        77344653        .       -
        0       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77345890        77346032        .       -
        2       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77346354        77346537        .       -
        0       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77350558        77350700        .       -
        2       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77351022        77351205        .       -
        0       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77352638        77352747        .       -
        2       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77353330        77353498        .       -
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SM_V9_1 iris    CDS     77355878        77355975        .       -
        2       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77357317        77357437        .       -
        0       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77360036        77360125        .       -
        0       Parent=Smp_152110.1
SM_V9_1 iris    CDS     77360731        77361255        .       -
        0       Parent=Smp_152110.1
SM_V9_1 Liftoff gene    77369918        77440188        .       -
        .       ID=Smp_152130;geneID=Smp_152130
SM_V9_1 Liftoff mRNA    77369918        77440188        .       -
        .
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in-regulated spectrin-associated protein 1-
B;polypeptide_domain=InterPro:IPR011033,IPR014797
Pfam:PF08683;Ontology_term=GO:0008017
SM_V9_1 Liftoff exon    77369918        77371715        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77372385        77372548        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77373866        77374053        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77378617        77379052        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77381195        77381389        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77382580        77382777        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77385293        77385917        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77388562        77389484        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77391017        77391283        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77392943        77393222        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77399761        77399914        .       -
        .       Parent=Smp_152130.1
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SM_V9_1 Liftoff exon    77402293        77402368        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77403892        77404535        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77413869        77414348        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77422714        77422828        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff exon    77435238        77435412        .       -
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SM_V9_1 Liftoff exon    77438245        77440188        .       -
        .       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77371568        77371715        .       -
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SM_V9_1 Liftoff CDS     77372385        77372548        .       -
        0       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77373866        77374053        .       -
        2       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77378617        77379052        .       -
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        0       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77382580        77382777        .       -
        0       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77385293        77385917        .       -
        1       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77388562        77389484        .       -
        0       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77391017        77391283        .       -
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SM_V9_1 Liftoff CDS     77392943        77393222        .       -
        1       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77399761        77399914        .       -
        2       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77402293        77402368        .       -
        0       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77403892        77404535        .       -
        2       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77413869        77414348        .       -
        2       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77422714        77422828        .       -
        0       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77435238        77435412        .       -
        1       Parent=Smp_152130.1
SM_V9_1 Liftoff CDS     77438245        77438300        .       -
        0       Parent=Smp_152130.1
SM_V9_1 Liftoff gene    77511935        77512171        .       +
        .       ID=Smp_200210;geneID=Smp_200210
SM_V9_1 Liftoff mRNA    77511935        77512171        .       +
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3-galactosidase A
SM_V9_1 Liftoff exon    77511935        77512171        .       +
        .       Parent=Smp_200210.1
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SM_V9_1 Liftoff CDS     77511935        77512171        .       +
        0       Parent=Smp_200210.1
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SM_V9_1 iris    mRNA    77534001        77553220        .       -
        .
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ied=2022-08-01;Name=Smp_056060.1;product=Sex peptide
receptor;date_creation=2022-07-29
SM_V9_1 iris    exon    77534001        77536073        .       -
        .       Parent=Smp_056060.1;Name=7ffae151-c3e7-4fcb-
b468-0080bc179dcd
SM_V9_1 iris    exon    77543204        77543323        .       -
        .       Parent=Smp_056060.1;Name=655410ca-8884-4bdb-
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SM_V9_1 iris    exon    77553079        77553220        .       -
        .
Parent=Smp_056060.1;Name=004e35f8-7b68-4c88-8f5b-01264ae9bc41
SM_V9_1 iris    CDS     77534163        77536001        .       -
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SM_V9_1 iris    gene    77610854        77630761        .       -
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    77610854        77630761        .       -
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GPCR;date_creation=2022-07-29
SM_V9_1 iris    exon    77610854        77612707        .       -
        .       Parent=Smp_056080.1;Name=a3c9f7e7-cc0a-432c-93fa-
bd5cecc48942
SM_V9_1 iris    exon    77630648        77630761        .       -
        .
Parent=Smp_056080.1;Name=accf4688-98b0-4a19-82fb-0ec62f1be3aa
SM_V9_1 iris    CDS     77611015        77612706        .       -
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SM_V9_1 Liftoff gene    77650728        77687067        .       +
        .
ID=Smp_310140;geneID=Smp_310140;previous_systematic_id=Smp_152140
SM_V9_1 Liftoff mRNA    77650728        77687067        .       +
        .
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secretory pathway protein AVL9
homolog;polypeptide_domain=InterPro:IPR018307 Pfam:PF09794
SM_V9_1 Liftoff exon    77650728        77650817        .       +
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SM_V9_1 Liftoff exon    77650857        77650974        .       +
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SM_V9_1 Liftoff exon    77651009        77651094        .       +
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        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77658336        77658486        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77662027        77662191        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77663352        77663542        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77664406        77664451        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77665641        77665852        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77668687        77669124        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77669627        77669939        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77678462        77678542        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77679829        77680034        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77682937        77683061        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77684493        77684566        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff exon    77686075        77687067        .       +
        .       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77650752        77650817        .       +
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SM_V9_1 Liftoff CDS     77650857        77650974        .       +
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SM_V9_1 Liftoff CDS     77651009        77651094        .       +
        2       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77653122        77653193        .       +
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SM_V9_1 Liftoff CDS     77658336        77658486        .       +
        0       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77662027        77662191        .       +
        2       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77663352        77663542        .       +
        2       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77664406        77664451        .       +
        0       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77665641        77665852        .       +
        2       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77668687        77669124        .       +
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SM_V9_1 Liftoff CDS     77669627        77669939        .       +
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SM_V9_1 Liftoff CDS     77678462        77678542        .       +
        2       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77679829        77680034        .       +
        2       Parent=Smp_310140.1
SM_V9_1 Liftoff CDS     77682937        77683061        .       +
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SM_V9_1 Liftoff CDS     77686075        77686259        .       +
        2       Parent=Smp_310140.1
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ied=2022-07-18;Name=Smp_332650.1;product=Nuclear receptor
coactivator 7;date_creation=2022-07-18
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        .       Parent=Smp_332650.1;Name=e823c0d2-7bbd-4924-
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SM_V9_1 iris    exon    77693604        77693755        .       +
        .       Parent=Smp_332650.1;Name=12ff4c54-7239-45e5-926c-
f6466ed72f83
SM_V9_1 iris    exon    77709854        77710053        .       +
        .       Parent=Smp_332650.1;Name=725eb79a-96f7-49b3-8d11-
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SM_V9_1 iris    exon    77712368        77712563        .       +
        .       Parent=Smp_332650.1;Name=98e0fb07-9f91-4887-
a950-085fd3f6e666
SM_V9_1 iris    exon    77714228        77714427        .       +
        .       Parent=Smp_332650.1;Name=114aca19-8cc8-46c7-855b-
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SM_V9_1 iris    exon    77720724        77720801        .       +
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SM_V9_1 iris    exon    77722731        77722900        .       +
        .       Parent=Smp_332650.1;Name=21415dde-6c79-4df9-946b-
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SM_V9_1 iris    exon    77726648        77726907        .       +
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SM_V9_1 iris    exon    77731560        77731686        .       +
        .       Parent=Smp_332650.1;Name=6be77cad-7dc3-4c12-
b294-61e9163d4d57
SM_V9_1 iris    exon    77734123        77734789        .       +
        .
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SM_V9_1 iris    exon    77738534        77738689        .       +
        .       Parent=Smp_332650.1;Name=b0337e0c-ecce-40d3-
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SM_V9_1 iris    exon    77740954        77741193        .       +
        .       Parent=Smp_332650.1;Name=cdee8714-295f-40a5-
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SM_V9_1 iris    exon    77748571        77748960        .       +
        .
Parent=Smp_332650.1;Name=6acedca1-9b2d-4cf9-968c-2af3b97afafa
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        .       Parent=Smp_332650.1;Name=9989b4a7-a5f1-4154-
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SM_V9_1 iris    CDS     77693562        77693563        .       +
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SM_V9_1 iris    CDS     77693604        77693755        .       +
        1       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77709854        77710053        .       +
        2       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77712368        77712563        .       +
        0       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77714228        77714427        .       +
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SM_V9_1 iris    CDS     77720724        77720801        .       +
        0       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77722731        77722900        .       +
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        2       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77734123        77734789        .       +
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SM_V9_1 iris    CDS     77738534        77738689        .       +
        0       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77740954        77741193        .       +
        0       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77748571        77748960        .       +
        0       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77750323        77750396        .       +
        0       Parent=Smp_332650.1
SM_V9_1 iris    CDS     77753591        77753729        .       +
        1       Parent=Smp_332650.1
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        .
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SM_V9_1 Liftoff mRNA    77761064        77798114        .       -
        .
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9,IPR018980,IPR019747,IPR019748,IPR019749,IPR029071
Pfam:PF00373,PF09379,PF09380;Ontology_term=GO:0005856
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        .       Parent=Smp_149640.1
SM_V9_1 Liftoff exon    77765778        77765997        .       -
        .       Parent=Smp_149640.1
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        .       Parent=Smp_149640.1
SM_V9_1 Liftoff exon    77773757        77773866        .       -
        .       Parent=Smp_149640.1
SM_V9_1 Liftoff exon    77774259        77774437        .       -
        .       Parent=Smp_149640.1
SM_V9_1 Liftoff exon    77775713        77775944        .       -
        .       Parent=Smp_149640.1
SM_V9_1 Liftoff exon    77777473        77777560        .       -
        .       Parent=Smp_149640.1
SM_V9_1 Liftoff exon    77780893        77781510        .       -
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SM_V9_1 Liftoff exon    77782933        77783056        .       -
        .       Parent=Smp_149640.1
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        .       Parent=Smp_149640.1
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SM_V9_1 Liftoff exon    77796452        77798114        .       -
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SM_V9_1 Liftoff CDS     77761691        77761855        .       -
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SM_V9_1 Liftoff CDS     77764195        77764419        .       -
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SM_V9_1 Liftoff CDS     77765778        77765997        .       -
        1       Parent=Smp_149640.1
SM_V9_1 Liftoff CDS     77768213        77768526        .       -
        0       Parent=Smp_149640.1
SM_V9_1 Liftoff CDS     77769090        77769208        .       -
        2       Parent=Smp_149640.1
SM_V9_1 Liftoff CDS     77771938        77772158        .       -
        1       Parent=Smp_149640.1
SM_V9_1 Liftoff CDS     77773757        77773866        .       -
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SM_V9_1 Liftoff CDS     77774259        77774437        .       -
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SM_V9_1 Liftoff CDS     77780893        77781510        .       -
        1       Parent=Smp_149640.1
SM_V9_1 Liftoff CDS     77782933        77783056        .       -
        2       Parent=Smp_149640.1
SM_V9_1 Liftoff CDS     77793696        77793738        .       -
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SM_V9_1 Liftoff CDS     77794584        77794886        .       -
        0       Parent=Smp_149640.1
SM_V9_1 Liftoff CDS     77796452        77796826        .       -
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SM_V9_1 iris    gene    77819798        77857459        .       +
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SM_V9_1 iris    mRNA    77819798        77857459        .       +
       .
ID=Smp_332660.1;Parent=Smp_332660;geneID=Smp_332660;gene_name=Smp_33
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protein 2;date_creation=2022-08-01
SM_V9_1 iris    exon    77819798        77819912        .       +
       .       Parent=Smp_332660.1;Name=f9913b79-9292-4d25-86b8-
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SM_V9_1 iris    exon    77820924        77821129        .       +
       .       Parent=Smp_332660.1;Name=f3f71e24-dc59-483a-8296-
db7a96974f88
SM_V9_1 iris    exon    77821164        77821328        .       +
       .
Parent=Smp_332660.1;Name=910ae403-157b-4d47-84ec-6a57a561da04
SM_V9_1 iris    exon    77825885        77826100        .       +
       .       Parent=Smp_332660.1;Name=d57fd147-2e20-41d9-
a305-77faa0a5661a
SM_V9_1 iris    exon    77826851        77827173        .       +
       .       Parent=Smp_332660.1;Name=7316682c-585c-42b4-a359-
c42004fa5b12
SM_V9_1 iris    exon    77830525        77830646        .       +
       .       Parent=Smp_332660.1;Name=c37eb6bc-1290-4e4d-80a4-
aa14adc910f9
SM_V9_1 iris    exon    77832946        77833309        .       +
       .       Parent=Smp_332660.1;Name=bc7d2be1-333c-4fdd-
bf7e-372728f28fde
SM_V9_1 iris    exon    77839321        77839429        .       +
       .       Parent=Smp_332660.1;Name=9dc34cb8-a37d-40f3-
ba65-08eee84e2b34
SM_V9_1 iris    exon    77845725        77845868        .       +
       .       Parent=Smp_332660.1;Name=dcdaa133-e26c-4124-ab6d-
a18a9c2f456a
SM_V9_1 iris    exon    77847264        77847512        .       +
       .       Parent=Smp_332660.1;Name=0aa05274-7ef9-4264-
be6a-6c054195cdd7
SM_V9_1 iris    exon    77855902        77855975        .       +
       .       Parent=Smp_332660.1;Name=81687c70-4680-44a8-a7ad-
e1e3261693f2
SM_V9_1 iris    exon    77856883        77857459        .       +
       .       Parent=Smp_332660.1;Name=00775a52-0ef9-4b31-
abfb-8ef5b0e48e41
SM_V9_1 iris    CDS     77821097        77821129        .       +
       0       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77821164        77821328        .       +
       0       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77825885        77826100        .       +
       0       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77826851        77827173        .       +
       0       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77830525        77830646        .       +
       1       Parent=Smp_332660.1
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SM_V9_1 iris    CDS     77832946        77833309        .       +
        2       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77839321        77839429        .       +
        1       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77845725        77845868        .       +
        0       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77847264        77847512        .       +
        0       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77855902        77855975        .       +
        0       Parent=Smp_332660.1
SM_V9_1 iris    CDS     77856883        77857177        .       +
        1       Parent=Smp_332660.1
SM_V9_1 Liftoff gene    77863709        77932604        .       -
        .
ID=Smp_302930;geneID=Smp_302930;previous_systematic_id=Smp_051510,Sm
p_149650,Smp_188190
SM_V9_1 Liftoff mRNA    77863709        77932604        .       -
        .
ID=Smp_302930.1;Parent=Smp_302930;geneID=Smp_302930;product=Pericent
rin;polypeptide_domain=InterPro:IPR019528 Pfam:PF10495
SM_V9_1 Liftoff exon    77863709        77864851        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77866465        77866863        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77867893        77868140        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77868662        77868814        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77869291        77869812        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77870581        77870776        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77871820        77871917        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77873090        77873207        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77875304        77875484        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77876530        77876629        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77876879        77877175        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77877438        77877665        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77878010        77878234        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77878939        77879103        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77880472        77880564        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77881719        77881814        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77884000        77884101        .       -
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SM_V9_1 Liftoff exon    77885397        77885801        .       -
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SM_V9_1 Liftoff exon    77887125        77887244        .       -
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SM_V9_1 Liftoff exon    77887881        77888255        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77889530        77889634        .       -
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SM_V9_1 Liftoff exon    77892639        77893128        .       -
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SM_V9_1 Liftoff exon    77896352        77896449        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77897976        77898193        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77898874        77899083        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77902813        77902923        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77904891        77905069        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77907443        77907522        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77911168        77911274        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77911819        77911864        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77912575        77912646        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77914421        77914621        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77915345        77915390        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77918925        77919270        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77927900        77928215        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77928776        77929047        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77930923        77931111        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff exon    77932354        77932604        .       -
        .       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77864521        77864851        .       -
        1       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77866465        77866863        .       -
        1       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77867893        77868140        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77868662        77868814        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77869291        77869812        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77870581        77870776        .       -
        1       Parent=Smp_302930.1
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SM_V9_1 Liftoff CDS     77871820        77871917        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77873090        77873207        .       -
        1       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77875304        77875484        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77876530        77876629        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77876879        77877175        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77877438        77877665        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77878010        77878234        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77878939        77879103        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77880472        77880564        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77881719        77881814        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77884000        77884101        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77885397        77885801        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77887125        77887244        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77887881        77888255        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77889530        77889634        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77892639        77893128        .       -
        1       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77896352        77896449        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77897976        77898193        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77898874        77899083        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77902813        77902923        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77904891        77905069        .       -
        1       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77907443        77907522        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77911168        77911274        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77911819        77911864        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77912575        77912646        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77914421        77914621        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77915345        77915390        .       -
        1       Parent=Smp_302930.1
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SM_V9_1 Liftoff CDS     77918925        77919270        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77927900        77928215        .       -
        0       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77928776        77929047        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77930923        77931111        .       -
        2       Parent=Smp_302930.1
SM_V9_1 Liftoff CDS     77932354        77932552        .       -
        0       Parent=Smp_302930.1
SM_V9_1 iris    gene    77945717        77956359        .       -
        .
ID=Smp_051530;geneID=Smp_051530;gene_name=Smp_051530;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_1 iris    mRNA    77945717        77956359        .       -
        .
ID=Smp_051530.1;Parent=Smp_051530;geneID=Smp_051530;gene_name=Smp_05
1530;owner=irisadmin@local.host;orig_id=Smp_051530.3;date_last_modif
ied=2022-08-01;Name=Smp_051530.1;product=Heterogeneous nuclear
ribonucleoprotein L;date_creation=2022-08-01
SM_V9_1 iris    exon    77945717        77947472        .       -
        .
Parent=Smp_051530.1;Name=32efc2ad-2482-44a4-8ff8-2692b7bfb3e4
SM_V9_1 iris    exon    77952063        77952331        .       -
        .       Parent=Smp_051530.1;Name=34fd31fe-4ca7-48b5-ab7e-
f6bc50dd741b
SM_V9_1 iris    exon    77953163        77953404        .       -
        .       Parent=Smp_051530.1;Name=335b8dca-d987-4c77-
b7f7-61e3bb908e3e
SM_V9_1 iris    exon    77954502        77954658        .       -
        .       Parent=Smp_051530.1;Name=c7c10ae0-2c22-47c4-aeac-
b78f44bd45d5
SM_V9_1 iris    exon    77955276        77955534        .       -
        .
Parent=Smp_051530.1;Name=0b231724-96ec-4d03-86f9-31913e85ae21
SM_V9_1 iris    exon    77955567        77955789        .       -
        .       Parent=Smp_051530.1;Name=544804db-7af2-4cb1-bf4f-
a9bcbc73a453
SM_V9_1 iris    exon    77955823        77956069        .       -
        .       Parent=Smp_051530.1;Name=30bc7026-6659-418b-b0b3-
b70366df1a42
SM_V9_1 iris    exon    77956107        77956359        .       -
        .       Parent=Smp_051530.1;Name=6370f16f-
c4a0-4f2d-9afa-0125910862e3
SM_V9_1 iris    CDS     77952070        77952331        .       -
        1       Parent=Smp_051530.1
SM_V9_1 iris    CDS     77953163        77953404        .       -
        0       Parent=Smp_051530.1
SM_V9_1 iris    CDS     77954502        77954658        .       -
        1       Parent=Smp_051530.1
SM_V9_1 iris    CDS     77955276        77955534        .       -
        2       Parent=Smp_051530.1
SM_V9_1 iris    CDS     77955567        77955789        .       -
        0       Parent=Smp_051530.1
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SM_V9_1 iris    CDS     77955823        77956069        .       -
        1       Parent=Smp_051530.1
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        0       Parent=Smp_051530.1
SM_V9_1 iris    mRNA    77945726        77956359        .       -
        .
ID=Smp_051530.2;Parent=Smp_051530;geneID=Smp_051530;gene_name=Smp_05
1530;owner=irisadmin@local.host;orig_id=Smp_051530.2;date_last_modif
ied=2022-08-01;Name=Smp_051530.2;product=Heterogeneous nuclear
ribonucleoprotein L;date_creation=2022-08-01
SM_V9_1 iris    exon    77945726        77949278        .       -
        .       Parent=Smp_051530.2;Name=1026684f-886d-4dd2-
b437-6d6b61f4a68d
SM_V9_1 iris    exon    77952063        77952331        .       -
        .       Parent=Smp_051530.2;Name=9ac4f7bb-
f441-45dd-9e7b-0ebe344f7332
SM_V9_1 iris    exon    77953163        77953404        .       -
        .       Parent=Smp_051530.2;Name=f5ceeff3-090c-40e3-b646-
f70009410f0a
SM_V9_1 iris    exon    77954502        77954658        .       -
        .       Parent=Smp_051530.2;Name=8bfad30a-
e643-498b-8502-62df9dd3788c
SM_V9_1 iris    exon    77955276        77955534        .       -
        .       Parent=Smp_051530.2;Name=d66b4780-
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SM_V9_1 iris    exon    77955567        77955789        .       -
        .
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SM_V9_1 iris    exon    77955823        77956069        .       -
        .
Parent=Smp_051530.2;Name=3a2e9f56-75d2-417a-8ce1-9b953c2b9952
SM_V9_1 iris    exon    77956107        77956359        .       -
        .       Parent=Smp_051530.2;Name=1ea8d933-d2e4-4c63-97a7-
f0b1570f9590
SM_V9_1 iris    CDS     77952070        77952331        .       -
        1       Parent=Smp_051530.2
SM_V9_1 iris    CDS     77953163        77953404        .       -
        0       Parent=Smp_051530.2
SM_V9_1 iris    CDS     77954502        77954658        .       -
        1       Parent=Smp_051530.2
SM_V9_1 iris    CDS     77955276        77955534        .       -
        2       Parent=Smp_051530.2
SM_V9_1 iris    CDS     77955567        77955789        .       -
        0       Parent=Smp_051530.2
SM_V9_1 iris    CDS     77955823        77956069        .       -
        1       Parent=Smp_051530.2
SM_V9_1 iris    CDS     77956107        77956351        .       -
        0       Parent=Smp_051530.2
SM_V9_1 iris    gene    77975028        78001429        .       +
        .
ID=Smp_149660;geneID=Smp_149660;gene_name=Smp_149660;owner=irisadmin
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SM_V9_1 iris    mRNA    77975028        78001429        .       +
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ied=2022-07-18;Name=Smp_149660.1;product=Double-stranded RNA-binding
protein Staufen homolog 2;date_creation=2022-07-18
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SM_V9_1 iris    exon    77976303        77976700        .       +
        .       Parent=Smp_149660.1;Name=a4f4b7dd-8998-4ba5-ab13-
d20c3a0799a9
SM_V9_1 iris    exon    77977018        77977152        .       +
        .       Parent=Smp_149660.1;Name=8b37bb36-90c3-4b76-
b08f-4ececf71fa19
SM_V9_1 iris    exon    77979254        77979361        .       +
        .       Parent=Smp_149660.1;Name=7e275590-6fff-4ee8-9bbe-
ed04ce394555
SM_V9_1 iris    exon    77980963        77981127        .       +
        .       Parent=Smp_149660.1;Name=9150e4f1-8ad3-4b4a-b298-
e3e8c943e9af
SM_V9_1 iris    exon    77984324        77984560        .       +
        .       Parent=Smp_149660.1;Name=e1ecfc31-2ff3-4189-
b8f1-30f9d84b320f
SM_V9_1 iris    exon    77986543        77986722        .       +
        .       Parent=Smp_149660.1;Name=f0a9aa9b-80af-4bfd-a2b3-
f8a73664bfc0
SM_V9_1 iris    exon    77987974        77988181        .       +
        .       Parent=Smp_149660.1;Name=14026be5-31f6-42e1-b70e-
a4bcea856a8b
SM_V9_1 iris    exon    77991750        77991841        .       +
        .       Parent=Smp_149660.1;Name=bc3eb884-47ff-4a87-a363-
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SM_V9_1 iris    exon    77993852        77993952        .       +
        .       Parent=Smp_149660.1;Name=a2fe590a-9cd5-4d95-
a042-8e52401735cd
SM_V9_1 iris    exon    77995517        77995646        .       +
        .
Parent=Smp_149660.1;Name=297ffc2f-2f3e-407d-8a39-8153ad2df887
SM_V9_1 iris    exon    77997333        77997405        .       +
        .       Parent=Smp_149660.1;Name=e8d3cd4c-
f84c-46cd-868e-64e79740d19e
SM_V9_1 iris    exon    77999628        77999980        .       +
        .       Parent=Smp_149660.1;Name=b1784337-
cfc7-4d55-8288-8d37719df07f
SM_V9_1 iris    exon    78001146        78001429        .       +
        .       Parent=Smp_149660.1;Name=50dd0443-d622-4544-af0e-
ddcb83b38598
SM_V9_1 iris    CDS     77976380        77976700        .       +
        0       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77977018        77977152        .       +
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SM_V9_1 iris    CDS     77979254        77979361        .       +
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SM_V9_1 iris    CDS     77980963        77981127        .       +
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SM_V9_1 iris    CDS     77984324        77984560        .       +
        0       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77986543        77986722        .       +
        0       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77987974        77988181        .       +
        0       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77991750        77991841        .       +
        2       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77993852        77993952        .       +
        0       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77995517        77995646        .       +
        1       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77997333        77997405        .       +
        0       Parent=Smp_149660.1
SM_V9_1 iris    CDS     77999628        77999980        .       +
        2       Parent=Smp_149660.1
SM_V9_1 iris    CDS     78001146        78001337        .       +
        0       Parent=Smp_149660.1
SM_V9_1 iris    gene    78002451        78017140        .       -
        .
ID=Smp_051550;geneID=Smp_051550;gene_name=Smp_051550;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    78002451        78017140        .       -
        .
ID=Smp_051550.1;Parent=Smp_051550;geneID=Smp_051550;gene_name=Smp_05
1550;owner=irisadmin@local.host;orig_id=Smp_051550.1;date_last_modif
ied=2022-08-01;Name=Smp_051550.1;product=Pyridoxine-5'-phosphate
oxidase;date_creation=2022-07-29
SM_V9_1 iris    exon    78002451        78002806        .       -
        .       Parent=Smp_051550.1;Name=5050bc9c-03dc-4d61-9063-
c19c20e4b17c
SM_V9_1 iris    exon    78005579        78005652        .       -
        .       Parent=Smp_051550.1;Name=7067d3bc-370c-48a4-8b3e-
ffaac3fe5e8c
SM_V9_1 iris    exon    78006648        78006776        .       -
        .       Parent=Smp_051550.1;Name=8606946b-145c-49a4-9a5b-
b888306b31f0
SM_V9_1 iris    exon    78009594        78009747        .       -
        .       Parent=Smp_051550.1;Name=32057f70-f97e-443c-a530-
e9ee780f6964
SM_V9_1 iris    exon    78011671        78011827        .       -
        .       Parent=Smp_051550.1;Name=96aaf1dc-b208-444b-
bb92-5eff71d4eb58
SM_V9_1 iris    exon    78011873        78011971        .       -
        .       Parent=Smp_051550.1;Name=c03012b8-cb7f-4b3c-
bc9f-577b23e217f4
SM_V9_1 iris    exon    78017092        78017140        .       -
        .       Parent=Smp_051550.1;Name=0e93dcc5-7306-4729-9823-
b405d4c737e2
SM_V9_1 iris    CDS     78002638        78002806        .       -
        1       Parent=Smp_051550.1
SM_V9_1 iris    CDS     78005579        78005652        .       -
        0       Parent=Smp_051550.1
SM_V9_1 iris    CDS     78006648        78006776        .       -
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        0       Parent=Smp_051550.1
SM_V9_1 iris    CDS     78009594        78009747        .       -
        1       Parent=Smp_051550.1
SM_V9_1 iris    CDS     78011671        78011827        .       -
        2       Parent=Smp_051550.1
SM_V9_1 iris    CDS     78011873        78011930        .       -
        0       Parent=Smp_051550.1
SM_V9_1 iris    gene    78019740        78062245        .       +
        .
ID=Smp_344240;geneID=Smp_344240;gene_name=Smp_344240;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    78019740        78062245        .       +
        .
ID=Smp_344240.1;Parent=Smp_344240;geneID=Smp_344240;gene_name=Smp_34
4240;owner=irisadmin@local.host;orig_id=Smp_344240.1;date_last_modif
ied=2022-07-18;Name=Smp_344240.1;product=Early growth response
protein 3;date_creation=2022-07-18
SM_V9_1 iris    exon    78019740        78019797        .       +
        .       Parent=Smp_344240.1;Name=0b510f74-dba7-4e55-
ad43-76ffaf33d6ed
SM_V9_1 iris    exon    78036701        78036858        .       +
        .       Parent=Smp_344240.1;Name=10c6982f-041d-48f1-83b1-
a98f230d92d4
SM_V9_1 iris    exon    78039390        78039552        .       +
        .       Parent=Smp_344240.1;Name=4f65d834-68d5-495b-
a25e-9060ca9504df
SM_V9_1 iris    exon    78047157        78047569        .       +
        .
Parent=Smp_344240.1;Name=4d9aebd0-1c1a-4ff9-9bab-31f4c88e793f
SM_V9_1 iris    exon    78052286        78052433        .       +
        .       Parent=Smp_344240.1;Name=5d12f5a7-883c-4ab9-a514-
ff9c63b128d4
SM_V9_1 iris    exon    78053439        78053746        .       +
        .       Parent=Smp_344240.1;Name=d3cb5ca4-
eb62-42f5-800e-3b2c4a3c2557
SM_V9_1 iris    exon    78054991        78055612        .       +
        .       Parent=Smp_344240.1;Name=1d94c380-fb9d-4009-
bfca-58db5853629b
SM_V9_1 iris    exon    78056771        78057546        .       +
        .       Parent=Smp_344240.1;Name=2568412c-
abc5-495a-8f2d-979de6440707
SM_V9_1 iris    exon    78059001        78059317        .       +
        .       Parent=Smp_344240.1;Name=94700b5f-696a-41d5-
b763-7cc0efb3feca
SM_V9_1 iris    exon    78060451        78062245        .       +
        .       Parent=Smp_344240.1;Name=d7cfaf00-2b25-414e-
a7fe-7c46d66c5bc4
SM_V9_1 iris    CDS     78036832        78036858        .       +
        0       Parent=Smp_344240.1
SM_V9_1 iris    CDS     78039390        78039552        .       +
        0       Parent=Smp_344240.1
SM_V9_1 iris    CDS     78047157        78047569        .       +
        2       Parent=Smp_344240.1
SM_V9_1 iris    CDS     78052286        78052433        .       +
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        0       Parent=Smp_344240.1
SM_V9_1 iris    CDS     78053439        78053746        .       +
        2       Parent=Smp_344240.1
SM_V9_1 iris    CDS     78054991        78055612        .       +
        0       Parent=Smp_344240.1
SM_V9_1 iris    CDS     78056771        78057546        .       +
        2       Parent=Smp_344240.1
SM_V9_1 iris    CDS     78059001        78059186        .       +
        0       Parent=Smp_344240.1
SM_V9_1 iris    gene    78075959        78092348        .       -
        .
ID=Smp_149700;geneID=Smp_149700;gene_name=Smp_149700;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    78075959        78092348        .       -
        .
ID=Smp_149700.2;Parent=Smp_149700;geneID=Smp_149700;gene_name=Smp_14
9700;owner=irisadmin@local.host;date_last_modified=2022-08-01;Name=S
mp_149700.2;date_creation=2022-07-29
SM_V9_1 iris    exon    78075959        78076652        .       -
        .
Parent=Smp_149700.2;Name=a003c6e8-4eb1-4fd4-97e8-00f97a160335
SM_V9_1 iris    exon    78083048        78083293        .       -
        .       Parent=Smp_149700.2;Name=e7480d20-9bf2-4c2e-
b5fe-2dae0c5c481c
SM_V9_1 iris    exon    78085330        78085571        .       -
        .
Parent=Smp_149700.2;Name=8dd39861-210e-4d14-9175-45588d84f31d
SM_V9_1 iris    exon    78087744        78087900        .       -
        .
Parent=Smp_149700.2;Name=31fd317d-44d2-4ac6-95d8-8f847078ea67
SM_V9_1 iris    exon    78089719        78089944        .       -
        .       Parent=Smp_149700.2;Name=dd773e8c-6df4-4d67-
a2d6-1e9e56b8c93e
SM_V9_1 iris    exon    78089980        78090199        .       -
        .       Parent=Smp_149700.2;Name=e8742beb-b586-4bbb-ba05-
dd107542d927
SM_V9_1 iris    exon    78090235        78090481        .       -
        .       Parent=Smp_149700.2;Name=466ac973-94e4-49a0-
bb00-4a54f8b71d99
SM_V9_1 iris    exon    78092043        78092348        .       -
        .       Parent=Smp_149700.2;Name=8bba0ce7-94de-4c12-
bc24-3adbca642543
SM_V9_1 iris    CDS     78083053        78083293        .       -
        1       Parent=Smp_149700.2
SM_V9_1 iris    CDS     78085330        78085571        .       -
        0       Parent=Smp_149700.2
SM_V9_1 iris    CDS     78087744        78087900        .       -
        1       Parent=Smp_149700.2
SM_V9_1 iris    CDS     78089719        78089944        .       -
        2       Parent=Smp_149700.2
SM_V9_1 iris    CDS     78089980        78090199        .       -
        0       Parent=Smp_149700.2
SM_V9_1 iris    CDS     78090235        78090481        .       -
        1       Parent=Smp_149700.2
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SM_V9_1 iris    CDS     78092043        78092278        .       -
        0       Parent=Smp_149700.2
SM_V9_1 iris    mRNA    78081698        78092348        .       -
        .
ID=Smp_149700.1;Parent=Smp_149700;geneID=Smp_149700;gene_name=Smp_14
9700;owner=irisadmin@local.host;orig_id=Smp_149700.1;date_last_modif
ied=2022-08-01;Name=Smp_149700.1;product=Heterogeneous nuclear
ribonucleoprotein L;date_creation=2022-07-29
SM_V9_1 iris    exon    78081698        78082076        .       -
        .       Parent=Smp_149700.1;Name=7f891738-1c37-44e4-85fb-
af05fc5914d1
SM_V9_1 iris    exon    78083048        78083293        .       -
        .       Parent=Smp_149700.1;Name=a9024d57-e0ec-4ea2-
b035-100c3372e75f
SM_V9_1 iris    exon    78085330        78085571        .       -
        .       Parent=Smp_149700.1;Name=40d18dcb-1fe7-4eba-9db3-
f19d7bd707ff
SM_V9_1 iris    exon    78087744        78087900        .       -
        .       Parent=Smp_149700.1;Name=89a12c1b-
e1b5-4150-9281-1c0b25226ee1
SM_V9_1 iris    exon    78089719        78089944        .       -
        .       Parent=Smp_149700.1;Name=c5485009-1bb6-42d1-
b18e-0801f31172aa
SM_V9_1 iris    exon    78089980        78090199        .       -
        .       Parent=Smp_149700.1;Name=aee45d9a-
f757-47b9-831b-34c29cfa4a39
SM_V9_1 iris    exon    78090235        78090481        .       -
        .
Parent=Smp_149700.1;Name=a65b13ae-3b3d-4504-8c65-3dafeeb07734
SM_V9_1 iris    exon    78092043        78092348        .       -
        .       Parent=Smp_149700.1;Name=b368afaa-4aff-404b-9886-
f0d64011792a
SM_V9_1 iris    CDS     78083053        78083293        .       -
        1       Parent=Smp_149700.1
SM_V9_1 iris    CDS     78085330        78085571        .       -
        0       Parent=Smp_149700.1
SM_V9_1 iris    CDS     78087744        78087900        .       -
        1       Parent=Smp_149700.1
SM_V9_1 iris    CDS     78089719        78089944        .       -
        2       Parent=Smp_149700.1
SM_V9_1 iris    CDS     78089980        78090199        .       -
        0       Parent=Smp_149700.1
SM_V9_1 iris    CDS     78090235        78090481        .       -
        1       Parent=Smp_149700.1
SM_V9_1 iris    CDS     78092043        78092278        .       -
        0       Parent=Smp_149700.1
SM_V9_1 Liftoff gene    78107290        78118178        .       +
        .       ID=Smp_149710;geneID=Smp_149710
SM_V9_1 Liftoff mRNA    78107290        78118178        .       +
        .
ID=Smp_149710.1;Parent=Smp_149710;geneID=Smp_149710;product=Aspartat
e--tRNA(Asp/Asn) ligase
SM_V9_1 Liftoff exon    78107290        78112043        .       +
        .       Parent=Smp_149710.1
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SM_V9_1 Liftoff exon    78113684        78113951        .       +
        .       Parent=Smp_149710.1
SM_V9_1 Liftoff exon    78116159        78116499        .       +
        .       Parent=Smp_149710.1
SM_V9_1 Liftoff exon    78117509        78117612        .       +
        .       Parent=Smp_149710.1
SM_V9_1 Liftoff exon    78117822        78118178        .       +
        .       Parent=Smp_149710.1
SM_V9_1 Liftoff CDS     78111870        78112043        .       +
        0       Parent=Smp_149710.1
SM_V9_1 Liftoff CDS     78113684        78113951        .       +
        0       Parent=Smp_149710.1
SM_V9_1 Liftoff CDS     78116159        78116499        .       +
        2       Parent=Smp_149710.1
SM_V9_1 Liftoff CDS     78117509        78117612        .       +
        0       Parent=Smp_149710.1
SM_V9_1 Liftoff CDS     78117822        78118119        .       +
        1       Parent=Smp_149710.1
SM_V9_1 Liftoff gene    78178964        78180386        .       -
        .       ID=Smp_149720;geneID=Smp_149720
SM_V9_1 Liftoff mRNA    78178964        78180386        .       -
        .
ID=Smp_149720.1;Parent=Smp_149720;geneID=Smp_149720;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    78178964        78180386        .       -
        .       Parent=Smp_149720.1
SM_V9_1 Liftoff CDS     78179424        78180284        .       -
        0       Parent=Smp_149720.1
SM_V9_1 iris    gene    78227640        78292589        .       +
        .
ID=Smp_302950;geneID=Smp_302950;gene_name=Smp_302950;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    78227640        78292589        .       +
        .
ID=Smp_302950.1;Parent=Smp_302950;geneID=Smp_302950;gene_name=Smp_30
2950;owner=irisadmin@local.host;orig_id=Smp_302950.1;date_last_modif
ied=2022-07-18;Name=Smp_302950.1;product=Disco-interacting protein 2
homolog B;date_creation=2022-07-18
SM_V9_1 iris    exon    78227640        78227760        .       +
        .       Parent=Smp_302950.1;Name=7f7588ec-eb7f-457d-
a276-943189b47456
SM_V9_1 iris    exon    78229807        78229875        .       +
        .       Parent=Smp_302950.1;Name=5d2a1ba8-402b-4547-
afdc-860c97521503
SM_V9_1 iris    exon    78230760        78230972        .       +
        .       Parent=Smp_302950.1;Name=faef2dfd-7d10-461f-a7c1-
f876fa55f80e
SM_V9_1 iris    exon    78231894        78232028        .       +
        .       Parent=Smp_302950.1;Name=20d2b810-
dbf2-4106-9a7f-8095d4e2ccf7
SM_V9_1 iris    exon    78234051        78234142        .       +
        .       Parent=Smp_302950.1;Name=275d3527-194f-4fe9-
a28b-818b2bb88ef3
SM_V9_1 iris    exon    78236240        78236384        .       +
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        .       Parent=Smp_302950.1;Name=88a2ef09-73e3-4fa4-8e09-
a1292dabe11b
SM_V9_1 iris    exon    78237716        78237961        .       +
        .       Parent=Smp_302950.1;Name=fcb4b033-db6f-4618-b5bf-
f47bc52b5f17
SM_V9_1 iris    exon    78240161        78240696        .       +
        .       Parent=Smp_302950.1;Name=fe921e1c-1610-4125-9b35-
e4ea68b51ae3
SM_V9_1 iris    exon    78240814        78240951        .       +
        .       Parent=Smp_302950.1;Name=a285bdad-82dc-4551-
b648-2b315d48c1a3
SM_V9_1 iris    exon    78242583        78242771        .       +
        .       Parent=Smp_302950.1;Name=f7a543a6-f729-486f-a2c3-
a8c0b0ed1776
SM_V9_1 iris    exon    78243181        78243417        .       +
        .       Parent=Smp_302950.1;Name=68c5a858-24cf-4132-
b4d5-2e09f1023ac0
SM_V9_1 iris    exon    78251613        78251780        .       +
        .       Parent=Smp_302950.1;Name=8a52aa17-21fe-4f71-a200-
f76ba5cd5c4c
SM_V9_1 iris    exon    78252554        78252647        .       +
        .       Parent=Smp_302950.1;Name=08102165-d9ce-4ddd-8779-
b7ebd6e62808
SM_V9_1 iris    exon    78254649        78254768        .       +
        .       Parent=Smp_302950.1;Name=cf7fac3c-21b6-47b7-
b295-5b5c54ccd366
SM_V9_1 iris    exon    78257002        78257313        .       +
        .       Parent=Smp_302950.1;Name=b2f0948b-7302-4e71-b45c-
a50cf47ad4c9
SM_V9_1 iris    exon    78257431        78257669        .       +
        .       Parent=Smp_302950.1;Name=76e537f1-9a1a-46c1-
b277-22a9f977016e
SM_V9_1 iris    exon    78258115        78258242        .       +
        .       Parent=Smp_302950.1;Name=dc16a607-cf09-4d74-a4e8-
c6cb6dac5e7a
SM_V9_1 iris    exon    78258598        78258781        .       +
        .       Parent=Smp_302950.1;Name=b763f2e1-3552-495e-
ac9d-42a3261bd2c6
SM_V9_1 iris    exon    78267103        78267363        .       +
        .       Parent=Smp_302950.1;Name=5fde9027-b6b4-46d2-86de-
eaea2a34cc99
SM_V9_1 iris    exon    78267934        78268138        .       +
        .       Parent=Smp_302950.1;Name=8f349f3f-
e626-4fb0-82cb-0eef6e93fbbb
SM_V9_1 iris    exon    78271647        78272053        .       +
        .       Parent=Smp_302950.1;Name=f5d2063f-66fd-4938-a753-
f801f2ce1ab0
SM_V9_1 iris    exon    78274444        78274588        .       +
        .       Parent=Smp_302950.1;Name=3840db27-b2a0-47ce-82d4-
e1751492af35
SM_V9_1 iris    exon    78280508        78280750        .       +
        .       Parent=Smp_302950.1;Name=6e841f75-65d4-4dae-9de7-
b1c43a249744
SM_V9_1 iris    exon    78281863        78281939        .       +
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        .       Parent=Smp_302950.1;Name=d5b615f1-8791-48a0-8fa7-
f5818f3106ae
SM_V9_1 iris    exon    78284199        78284369        .       +
        .
Parent=Smp_302950.1;Name=fb3bd0a7-554d-4dab-8808-1bdae412f496
SM_V9_1 iris    exon    78286818        78286937        .       +
        .
Parent=Smp_302950.1;Name=74b09823-3733-4abb-8c91-2137028fb543
SM_V9_1 iris    exon    78287610        78287904        .       +
        .       Parent=Smp_302950.1;Name=be14f258-
ea15-4daf-8874-2a145d444a66
SM_V9_1 iris    exon    78289165        78289288        .       +
        .
Parent=Smp_302950.1;Name=037b3140-4d9e-4934-9f6b-6b12bedf9d5c
SM_V9_1 iris    exon    78290270        78292589        .       +
        .       Parent=Smp_302950.1;Name=f436d353-58c3-4476-858b-
c3b18fcc07cd
SM_V9_1 iris    CDS     78227682        78227760        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78229807        78229875        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78230760        78230972        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78231894        78232028        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78234051        78234142        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78236240        78236384        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78237716        78237961        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78240161        78240696        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78240814        78240951        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78242583        78242771        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78243181        78243417        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78251613        78251780        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78252554        78252647        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78254649        78254768        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78257002        78257313        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78257431        78257669        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78258115        78258242        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78258598        78258781        .       +
        1       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78267103        78267363        .       +
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        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78267934        78268138        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78271647        78272053        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78274444        78274588        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78280508        78280750        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78281863        78281939        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78284199        78284369        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78286818        78286937        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78287610        78287904        .       +
        0       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78289165        78289288        .       +
        2       Parent=Smp_302950.1
SM_V9_1 iris    CDS     78290270        78290522        .       +
        1       Parent=Smp_302950.1
SM_V9_1 Liftoff gene    78294820        78308077        .       +
        .       ID=Smp_149730;geneID=Smp_149730
SM_V9_1 Liftoff mRNA    78294820        78308077        .       +
        .
ID=Smp_149730.1;Parent=Smp_149730;geneID=Smp_149730;product=Cathepsi
n L-like
proteinase;polypeptide_domain=InterPro:IPR000169,IPR000668,IPR013201
,IPR025660,IPR025661
Pfam:PF00112,PF08246;Ontology_term=GO:0006508,GO:0008234
SM_V9_1 Liftoff exon    78294820        78295717        .       +
        .       Parent=Smp_149730.1
SM_V9_1 Liftoff exon    78297769        78297990        .       +
        .       Parent=Smp_149730.1
SM_V9_1 Liftoff exon    78305413        78305570        .       +
        .       Parent=Smp_149730.1
SM_V9_1 Liftoff exon    78307270        78308077        .       +
        .       Parent=Smp_149730.1
SM_V9_1 Liftoff CDS     78295229        78295717        .       +
        0       Parent=Smp_149730.1
SM_V9_1 Liftoff CDS     78297769        78297990        .       +
        0       Parent=Smp_149730.1
SM_V9_1 Liftoff CDS     78305413        78305570        .       +
        0       Parent=Smp_149730.1
SM_V9_1 Liftoff CDS     78307270        78307480        .       +
        1       Parent=Smp_149730.1
SM_V9_1 Liftoff gene    78323510        78338675        .       +
        .       ID=Smp_149740;geneID=Smp_149740
SM_V9_1 Liftoff mRNA    78323510        78338675        .       +
        .
ID=Smp_149740.1;Parent=Smp_149740;geneID=Smp_149740;product=Beta-
amyloid-like
protein;polypeptide_domain=InterPro:IPR008154,IPR015849,IPR024329
Pfam:PF02177,PF12925;Ontology_term=GO:0008201
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SM_V9_1 Liftoff exon    78323510        78324160        .       +
        .       Parent=Smp_149740.1
SM_V9_1 Liftoff exon    78324200        78324451        .       +
        .       Parent=Smp_149740.1
SM_V9_1 Liftoff exon    78325750        78326099        .       +
        .       Parent=Smp_149740.1
SM_V9_1 Liftoff exon    78329284        78329442        .       +
        .       Parent=Smp_149740.1
SM_V9_1 Liftoff exon    78334173        78334482        .       +
        .       Parent=Smp_149740.1
SM_V9_1 Liftoff exon    78335413        78335630        .       +
        .       Parent=Smp_149740.1
SM_V9_1 Liftoff exon    78337452        78338675        .       +
        .       Parent=Smp_149740.1
SM_V9_1 Liftoff CDS     78323827        78324160        .       +
        0       Parent=Smp_149740.1
SM_V9_1 Liftoff CDS     78324200        78324451        .       +
        2       Parent=Smp_149740.1
SM_V9_1 Liftoff CDS     78325750        78326099        .       +
        2       Parent=Smp_149740.1
SM_V9_1 Liftoff CDS     78329284        78329442        .       +
        0       Parent=Smp_149740.1
SM_V9_1 Liftoff CDS     78334173        78334482        .       +
        0       Parent=Smp_149740.1
SM_V9_1 Liftoff CDS     78335413        78335630        .       +
        2       Parent=Smp_149740.1
SM_V9_1 Liftoff CDS     78337452        78337907        .       +
        0       Parent=Smp_149740.1
SM_V9_1 Liftoff gene    78364706        78376526        .       -
        .
ID=Smp_320240;geneID=Smp_320240;previous_systematic_id=Smp_051630,Sm
p_189230,Smp_198230,Smp_212450
SM_V9_1 Liftoff mRNA    78364706        78376526        .       -
        .
ID=Smp_320240.1;Parent=Smp_320240;geneID=Smp_320240;product=Poly(U)-
specific endoribonuclease-B;polypeptide_domain=InterPro:IPR018998
Pfam:PF09412;Ontology_term=GO:0016788
SM_V9_1 Liftoff exon    78364706        78365053        .       -
        .       Parent=Smp_320240.1
SM_V9_1 Liftoff exon    78367673        78367811        .       -
        .       Parent=Smp_320240.1
SM_V9_1 Liftoff exon    78369258        78369483        .       -
        .       Parent=Smp_320240.1
SM_V9_1 Liftoff exon    78370682        78370780        .       -
        .       Parent=Smp_320240.1
SM_V9_1 Liftoff exon    78372529        78372635        .       -
        .       Parent=Smp_320240.1
SM_V9_1 Liftoff exon    78376384        78376526        .       -
        .       Parent=Smp_320240.1
SM_V9_1 Liftoff CDS     78364823        78365053        .       -
        0       Parent=Smp_320240.1
SM_V9_1 Liftoff CDS     78367673        78367811        .       -
        1       Parent=Smp_320240.1
SM_V9_1 Liftoff CDS     78369258        78369483        .       -
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        2       Parent=Smp_320240.1
SM_V9_1 Liftoff CDS     78370682        78370780        .       -
        2       Parent=Smp_320240.1
SM_V9_1 Liftoff CDS     78372529        78372635        .       -
        1       Parent=Smp_320240.1
SM_V9_1 Liftoff CDS     78376384        78376463        .       -
        0       Parent=Smp_320240.1
SM_V9_1 Liftoff gene    78387424        78397836        .       -
        .       ID=Smp_331730;geneID=Smp_331730
SM_V9_1 Liftoff mRNA    78387424        78397836        .       -
        .
ID=Smp_331730.1;Parent=Smp_331730;geneID=Smp_331730;product=Poly(U)-
specific endoribonuclease-A;polypeptide_domain=InterPro:IPR018998
Pfam:PF09412;Ontology_term=GO:0016788
SM_V9_1 Liftoff exon    78387424        78387762        .       -
        .       Parent=Smp_331730.1
SM_V9_1 Liftoff exon    78390414        78390552        .       -
        .       Parent=Smp_331730.1
SM_V9_1 Liftoff exon    78394023        78394248        .       -
        .       Parent=Smp_331730.1
SM_V9_1 Liftoff exon    78394938        78395036        .       -
        .       Parent=Smp_331730.1
SM_V9_1 Liftoff exon    78396507        78396613        .       -
        .       Parent=Smp_331730.1
SM_V9_1 Liftoff exon    78397725        78397836        .       -
        .       Parent=Smp_331730.1
SM_V9_1 Liftoff CDS     78387532        78387762        .       -
        0       Parent=Smp_331730.1
SM_V9_1 Liftoff CDS     78390414        78390552        .       -
        1       Parent=Smp_331730.1
SM_V9_1 Liftoff CDS     78394023        78394248        .       -
        2       Parent=Smp_331730.1
SM_V9_1 Liftoff CDS     78394938        78395036        .       -
        2       Parent=Smp_331730.1
SM_V9_1 Liftoff CDS     78396507        78396613        .       -
        1       Parent=Smp_331730.1
SM_V9_1 Liftoff CDS     78397725        78397807        .       -
        0       Parent=Smp_331730.1
SM_V9_1 iris    gene    78406490        78424473        .       -
        .
ID=Smp_051640;geneID=Smp_051640;gene_name=Smp_051640;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    78406490        78424473        .       -
        .
ID=Smp_051640.1;Parent=Smp_051640;geneID=Smp_051640;gene_name=Smp_05
1640;owner=irisadmin@local.host;orig_id=Smp_051640.1;date_last_modif
ied=2022-08-01;Name=Smp_051640.1;product=Poly(U)-specific
endoribonuclease-A;date_creation=2022-07-29
SM_V9_1 iris    exon    78406490        78406905        .       -
        .       Parent=Smp_051640.1;Name=4eed85ca-6bc6-48d5-
b9ef-2229697ba39c
SM_V9_1 iris    exon    78407250        78407388        .       -
        .       Parent=Smp_051640.1;Name=516005e0-db2b-4e29-
a118-65f9dbbf5732
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SM_V9_1 iris    exon    78408656        78408881        .       -
        .       Parent=Smp_051640.1;Name=8e8502ce-
bfbc-43a3-8081-8f25c1063988
SM_V9_1 iris    exon    78415383        78415481        .       -
        .       Parent=Smp_051640.1;Name=68b7304f-3edd-4901-
a87e-1c773420b034
SM_V9_1 iris    exon    78417381        78417487        .       -
        .       Parent=Smp_051640.1;Name=9d0c437d-2c22-4aee-986b-
c63e3f32e378
SM_V9_1 iris    exon    78424366        78424473        .       -
        .       Parent=Smp_051640.1;Name=74a476fe-4065-440f-bc47-
f30d540694a7
SM_V9_1 iris    CDS     78406675        78406905        .       -
        0       Parent=Smp_051640.1
SM_V9_1 iris    CDS     78407250        78407388        .       -
        1       Parent=Smp_051640.1
SM_V9_1 iris    CDS     78408656        78408881        .       -
        2       Parent=Smp_051640.1
SM_V9_1 iris    CDS     78415383        78415481        .       -
        2       Parent=Smp_051640.1
SM_V9_1 iris    CDS     78417381        78417487        .       -
        1       Parent=Smp_051640.1
SM_V9_1 iris    CDS     78424366        78424370        .       -
        0       Parent=Smp_051640.1
SM_V9_1 iris    gene    78470685        78477076        .       -
        .
ID=Smp_051660;geneID=Smp_051660;gene_name=Smp_051660;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    78470685        78477076        .       -
        .
ID=Smp_051660.1;Parent=Smp_051660;geneID=Smp_051660;gene_name=Smp_05
1660;owner=irisadmin@local.host;orig_id=Smp_051660.1;date_last_modif
ied=2022-08-01;Name=Smp_051660.1;product=Solute carrier family 22
member 5;date_creation=2022-07-29
SM_V9_1 iris    exon    78470685        78471476        .       -
        .       Parent=Smp_051660.1;Name=44c982eb-2844-498a-
b294-7fa0823dce36
SM_V9_1 iris    exon    78477016        78477076        .       -
        .       Parent=Smp_051660.1;Name=1b8e0fe5-
e320-4f5b-8c64-1edf7a80fdac
SM_V9_1 iris    CDS     78471057        78471383        .       -
        0       Parent=Smp_051660.1
SM_V9_1 Liftoff gene    78474673        78475133        .       +
        .       ID=Smp_051670;geneID=Smp_051670
SM_V9_1 Liftoff mRNA    78474673        78475133        .       +
        .
ID=Smp_051670.1;Parent=Smp_051670;geneID=Smp_051670;product=Chitin
synthase 2
SM_V9_1 Liftoff exon    78474673        78475133        .       +
        .       Parent=Smp_051670.1
SM_V9_1 Liftoff CDS     78474728        78475042        .       +
        0       Parent=Smp_051670.1
SM_V9_1 Liftoff gene    78497168        78508842        .       +
        .       ID=Smp_051420;geneID=Smp_051420
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SM_V9_1 Liftoff mRNA    78497168        78508842        .       +
        .
ID=Smp_051420.1;Parent=Smp_051420;geneID=Smp_051420;product=ERI1
exoribonuclease 2;polypeptide_domain=InterPro:IPR012337,IPR013520
Pfam:PF00929;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    78497168        78500432        .       +
        .       Parent=Smp_051420.1
SM_V9_1 Liftoff exon    78500476        78500531        .       +
        .       Parent=Smp_051420.1
SM_V9_1 Liftoff exon    78500564        78500638        .       +
        .       Parent=Smp_051420.1
SM_V9_1 Liftoff exon    78500676        78500803        .       +
        .       Parent=Smp_051420.1
SM_V9_1 Liftoff exon    78500842        78500974        .       +
        .       Parent=Smp_051420.1
SM_V9_1 Liftoff exon    78504116        78504216        .       +
        .       Parent=Smp_051420.1
SM_V9_1 Liftoff exon    78508364        78508842        .       +
        .       Parent=Smp_051420.1
SM_V9_1 Liftoff CDS     78500407        78500432        .       +
        0       Parent=Smp_051420.1
SM_V9_1 Liftoff CDS     78500476        78500531        .       +
        1       Parent=Smp_051420.1
SM_V9_1 Liftoff CDS     78500564        78500638        .       +
        2       Parent=Smp_051420.1
SM_V9_1 Liftoff CDS     78500676        78500803        .       +
        2       Parent=Smp_051420.1
SM_V9_1 Liftoff CDS     78500842        78500974        .       +
        0       Parent=Smp_051420.1
SM_V9_1 Liftoff CDS     78504116        78504216        .       +
        2       Parent=Smp_051420.1
SM_V9_1 Liftoff CDS     78508364        78508543        .       +
        0       Parent=Smp_051420.1
SM_V9_1 Liftoff gene    78511978        78524800        .       +
        .       ID=Smp_051410;geneID=Smp_051410
SM_V9_1 Liftoff mRNA    78511978        78524800        .       +
        .
ID=Smp_051410.1;Parent=Smp_051410;geneID=Smp_051410;product=Uncharac
terized rhomboid protein P4H10.10, mitochondrial
SM_V9_1 Liftoff exon    78511978        78512274        .       +
        .       Parent=Smp_051410.1
SM_V9_1 Liftoff exon    78517998        78518147        .       +
        .       Parent=Smp_051410.1
SM_V9_1 Liftoff exon    78524153        78524800        .       +
        .       Parent=Smp_051410.1
SM_V9_1 Liftoff CDS     78512010        78512274        .       +
        0       Parent=Smp_051410.1
SM_V9_1 Liftoff CDS     78517998        78518147        .       +
        2       Parent=Smp_051410.1
SM_V9_1 Liftoff CDS     78524153        78524613        .       +
        2       Parent=Smp_051410.1
SM_V9_1 Liftoff gene    78535758        78548091        .       +
        .       ID=Smp_051400;geneID=Smp_051400
SM_V9_1 Liftoff mRNA    78535758        78548091        .       +
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        .
ID=Smp_051400.1;Parent=Smp_051400;geneID=Smp_051400;product=Probable
dynein light chain;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    78535758        78536201        .       +
        .       Parent=Smp_051400.1
SM_V9_1 Liftoff exon    78547819        78548091        .       +
        .       Parent=Smp_051400.1
SM_V9_1 Liftoff CDS     78536011        78536201        .       +
        0       Parent=Smp_051400.1
SM_V9_1 Liftoff CDS     78547819        78547897        .       +
        1       Parent=Smp_051400.1
SM_V9_1 Liftoff gene    78578584        78588276        .       -
        .
ID=Smp_341810;geneID=Smp_341810;previous_systematic_id=Smp_114620
SM_V9_1 Liftoff mRNA    78578584        78588276        .       -
        .
ID=Smp_341810.1;Parent=Smp_341810;geneID=Smp_341810;product=Dynein
light chain LC6, flagellar outer
arm;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    78578584        78579347        .       -
        .       Parent=Smp_341810.1
SM_V9_1 Liftoff exon    78587973        78588276        .       -
        .       Parent=Smp_341810.1
SM_V9_1 Liftoff CDS     78579266        78579347        .       -
        1       Parent=Smp_341810.1
SM_V9_1 Liftoff CDS     78587973        78588169        .       -
        0       Parent=Smp_341810.1
SM_V9_1 iris    gene    78592412        78599994        .       -
        .
ID=Smp_051390;geneID=Smp_051390;gene_name=Smp_051390;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    78592412        78599994        .       -
        .
ID=Smp_051390.1;Parent=Smp_051390;geneID=Smp_051390;gene_name=Smp_05
1390;owner=irisadmin@local.host;orig_id=Smp_051390.1;date_last_modif
ied=2022-08-01;Name=Smp_051390.1;product=NIF3-like protein
1;date_creation=2022-07-29
SM_V9_1 iris    exon    78592412        78593071        .       -
        .       Parent=Smp_051390.1;Name=392c2d03-7074-4e32-9d68-
a3f82ae65b80
SM_V9_1 iris    exon    78597792        78597924        .       -
        .
Parent=Smp_051390.1;Name=3602585e-113f-4407-869b-06ceb0a053c1
SM_V9_1 iris    exon    78597956        78598067        .       -
        .       Parent=Smp_051390.1;Name=6bcf313d-b943-4fde-
b1ed-306316cc0c9c
SM_V9_1 iris    exon    78598102        78598237        .       -
        .       Parent=Smp_051390.1;Name=7a8a3bb9-903f-495b-9aaa-
d77c5d5058c5
SM_V9_1 iris    exon    78598271        78598640        .       -
        .
Parent=Smp_051390.1;Name=3ebf2ff5-029f-452c-80ee-5958374de9b6
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SM_V9_1 iris    exon    78599901        78599994        .       -
        .       Parent=Smp_051390.1;Name=24756581-
ed09-440f-9adf-7759cb3a82e1
SM_V9_1 iris    CDS     78592764        78593071        .       -
        2       Parent=Smp_051390.1
SM_V9_1 iris    CDS     78597792        78597924        .       -
        0       Parent=Smp_051390.1
SM_V9_1 iris    CDS     78597956        78598067        .       -
        1       Parent=Smp_051390.1
SM_V9_1 iris    CDS     78598102        78598237        .       -
        2       Parent=Smp_051390.1
SM_V9_1 iris    CDS     78598271        78598625        .       -
        0       Parent=Smp_051390.1
SM_V9_1 Liftoff gene    78611598        78630461        .       +
        .
ID=Smp_302970;geneID=Smp_302970;previous_systematic_id=Smp_149610
SM_V9_1 Liftoff mRNA    78611598        78630461        .       +
        .
ID=Smp_302970.1;Parent=Smp_302970;geneID=Smp_302970;product=Nuclear
pore complex protein NUP54
SM_V9_1 Liftoff exon    78611598        78611846        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff exon    78611886        78612086        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff exon    78616537        78616742        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff exon    78617628        78617799        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff exon    78619224        78619370        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff exon    78622239        78622353        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff exon    78625996        78626155        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff exon    78630173        78630461        .       +
        .       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78611784        78611846        .       +
        0       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78611886        78612086        .       +
        0       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78616537        78616742        .       +
        0       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78617628        78617799        .       +
        1       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78619224        78619370        .       +
        0       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78622239        78622353        .       +
        0       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78625996        78626155        .       +
        2       Parent=Smp_302970.1
SM_V9_1 Liftoff CDS     78630173        78630410        .       +
        1       Parent=Smp_302970.1
SM_V9_1 Liftoff gene    78645238        78657165        .       +
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ID=Smp_302980;geneID=Smp_302980;previous_systematic_id=Smp_149610
SM_V9_1 Liftoff mRNA    78645238        78657165        .       +
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ID=Smp_302980.1;Parent=Smp_302980;geneID=Smp_302980;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR001304,IPR016186,IPR016187
SM_V9_1 Liftoff exon    78645238        78646069        .       +
        .       Parent=Smp_302980.1
SM_V9_1 Liftoff exon    78654134        78657165        .       +
        .       Parent=Smp_302980.1
SM_V9_1 Liftoff CDS     78645275        78646069        .       +
        0       Parent=Smp_302980.1
SM_V9_1 Liftoff CDS     78654134        78657025        .       +
        0       Parent=Smp_302980.1
SM_V9_1 Liftoff gene    78664945        78677600        .       -
        .       ID=Smp_051360;geneID=Smp_051360
SM_V9_1 Liftoff mRNA    78664945        78677600        .       -
        .
ID=Smp_051360.1;Parent=Smp_051360;geneID=Smp_051360;product=UDP-N-
acetylglucosamine--dolichyl-phosphate N-
acetylglucosaminephosphotransferase;polypeptide_domain=InterPro:IPR0
00715,IPR033895
Pfam:PF00953;Ontology_term=GO:0003975,GO:0006487,GO:0006488,GO:00089
63,GO:0016021
SM_V9_1 Liftoff exon    78664945        78665524        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78667976        78668357        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78671832        78672020        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78673090        78673174        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78674749        78674895        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78676826        78677039        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78677080        78677133        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78677169        78677283        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff exon    78677321        78677600        .       -
        .       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78665450        78665524        .       -
        0       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78667976        78668357        .       -
        1       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78671832        78672020        .       -
        1       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78673090        78673174        .       -
        2       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78674749        78674895        .       -
        2       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78676826        78677039        .       -
        0       Parent=Smp_051360.1
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SM_V9_1 Liftoff CDS     78677080        78677133        .       -
        0       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78677169        78677283        .       -
        1       Parent=Smp_051360.1
SM_V9_1 Liftoff CDS     78677321        78677517        .       -
        0       Parent=Smp_051360.1
SM_V9_1 Liftoff gene    78699316        78767571        .       +
        .
ID=Smp_336620;geneID=Smp_336620;previous_systematic_id=Smp_149590,Sm
p_149600
SM_V9_1 Liftoff mRNA    78699316        78767571        .       +
        .
ID=Smp_336620.1;Parent=Smp_336620;geneID=Smp_336620;product=Gamma-
aminobutyric acid receptor subunit
gamma-3;polypeptide_domain=InterPro:IPR006029,IPR006202
Pfam:PF02931,PF02932;Ontology_term=GO:0005230,GO:0006811,GO:0016021
SM_V9_1 Liftoff exon    78699316        78700299        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78715881        78716009        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78718513        78718710        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78726824        78726931        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78727861        78728010        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78740729        78740884        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78747142        78747408        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78755152        78755397        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78760291        78760338        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff exon    78763033        78767571        .       +
        .       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78699580        78700299        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78715881        78716009        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78718513        78718710        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78726824        78726931        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78727861        78728010        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78740729        78740884        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78747142        78747408        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78755152        78755397        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff CDS     78760291        78760338        .       +
        0       Parent=Smp_336620.1
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SM_V9_1 Liftoff CDS     78763033        78763062        .       +
        0       Parent=Smp_336620.1
SM_V9_1 Liftoff gene    78777545        78778341        .       +
        .       ID=Smp_320260;geneID=Smp_320260
SM_V9_1 Liftoff mRNA    78777545        78778341        .       +
        .
ID=Smp_320260.1;Parent=Smp_320260;geneID=Smp_320260;product=Methioni
ne aminopeptidase 1D, chloroplastic/mitochondrial
SM_V9_1 Liftoff exon    78777545        78778341        .       +
        .       Parent=Smp_320260.1
SM_V9_1 Liftoff CDS     78777575        78777772        .       +
        0       Parent=Smp_320260.1
SM_V9_1 Liftoff gene    78793465        78823383        .       +
        .       ID=Smp_149580;geneID=Smp_149580
SM_V9_1 Liftoff mRNA    78793465        78823383        .       +
        .
ID=Smp_149580.1;Parent=Smp_149580;geneID=Smp_149580;product=FMRFamid
e receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    78793465        78793600        .       +
        .       Parent=Smp_149580.1
SM_V9_1 Liftoff exon    78821996        78823383        .       +
        .       Parent=Smp_149580.1
SM_V9_1 Liftoff CDS     78793587        78793600        .       +
        0       Parent=Smp_149580.1
SM_V9_1 Liftoff CDS     78821996        78823301        .       +
        1       Parent=Smp_149580.1
SM_V9_1 iris    gene    78896973        78907881        .       -
        .
ID=Smp_104680;geneID=Smp_104680;gene_name=Smp_104680;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    78896973        78907881        .       -
        .
ID=Smp_104680.1;Parent=Smp_104680;geneID=Smp_104680;gene_name=Smp_10
4680;owner=irisadmin@local.host;orig_id=Smp_104680.1;date_last_modif
ied=2022-08-01;Name=Smp_104680.1;product=ADP-ribosylation factor-
like protein 5B;date_creation=2022-07-29
SM_V9_1 iris    exon    78896973        78897812        .       -
        .       Parent=Smp_104680.1;Name=aa590625-3bae-45af-
b014-198cee866b2a
SM_V9_1 iris    exon    78907265        78907416        .       -
        .       Parent=Smp_104680.1;Name=89561983-587d-43bd-8563-
d49825343476
SM_V9_1 iris    exon    78907449        78907532        .       -
        .       Parent=Smp_104680.1;Name=86ebaf96-4b28-4fb1-
a2b0-1e5b0d21e2aa
SM_V9_1 iris    exon    78907565        78907881        .       -
        .
Parent=Smp_104680.1;Name=5581838c-3af6-485b-80f0-9fa27bbf8c74
SM_V9_1 iris    CDS     78897767        78897812        .       -
        1       Parent=Smp_104680.1
SM_V9_1 iris    CDS     78907265        78907416        .       -
        0       Parent=Smp_104680.1
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SM_V9_1 iris    CDS     78907449        78907532        .       -
        0       Parent=Smp_104680.1
SM_V9_1 iris    CDS     78907565        78907819        .       -
        0       Parent=Smp_104680.1
SM_V9_1 Liftoff gene    78907975        78916672        .       +
        .       ID=Smp_104670;geneID=Smp_104670
SM_V9_1 Liftoff mRNA    78907975        78916672        .       +
        .
ID=Smp_104670.1;Parent=Smp_104670;geneID=Smp_104670;product=Ras-
related protein
Rab-8A;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_1 Liftoff exon    78907975        78908148        .       +
        .       Parent=Smp_104670.1
SM_V9_1 Liftoff exon    78908186        78908307        .       +
        .       Parent=Smp_104670.1
SM_V9_1 Liftoff exon    78908342        78908419        .       +
        .       Parent=Smp_104670.1
SM_V9_1 Liftoff exon    78913710        78913799        .       +
        .       Parent=Smp_104670.1
SM_V9_1 Liftoff exon    78914580        78914696        .       +
        .       Parent=Smp_104670.1
SM_V9_1 Liftoff exon    78915447        78916672        .       +
        .       Parent=Smp_104670.1
SM_V9_1 Liftoff CDS     78908007        78908148        .       +
        0       Parent=Smp_104670.1
SM_V9_1 Liftoff CDS     78908186        78908307        .       +
        2       Parent=Smp_104670.1
SM_V9_1 Liftoff CDS     78908342        78908419        .       +
        0       Parent=Smp_104670.1
SM_V9_1 Liftoff CDS     78913710        78913799        .       +
        0       Parent=Smp_104670.1
SM_V9_1 Liftoff CDS     78914580        78914696        .       +
        0       Parent=Smp_104670.1
SM_V9_1 Liftoff CDS     78915447        78915533        .       +
        0       Parent=Smp_104670.1
SM_V9_1 Liftoff gene    78919616        78920111        .       -
        .       ID=Smp_104660;geneID=Smp_104660
SM_V9_1 Liftoff mRNA    78919616        78920111        .       -
        .
ID=Smp_104660.1;Parent=Smp_104660;geneID=Smp_104660;product=NHP2-
like protein
1;polypeptide_domain=InterPro:IPR002415,IPR004037,IPR004038,IPR01849
2,IPR029064
Pfam:PF01248;Ontology_term=GO:0003723,GO:0005730,GO:0030529,GO:00422
54
SM_V9_1 Liftoff exon    78919616        78920018        .       -
        .       Parent=Smp_104660.1
SM_V9_1 Liftoff exon    78920056        78920111        .       -
        .       Parent=Smp_104660.1
SM_V9_1 Liftoff CDS     78919638        78920018        .       -
        0       Parent=Smp_104660.1
SM_V9_1 Liftoff CDS     78920056        78920058        .       -
        0       Parent=Smp_104660.1
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SM_V9_1 Liftoff gene    78947355        78982193        .       +
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ID=Smp_332690;geneID=Smp_332690;previous_systematic_id=Smp_180610,Sm
p_199630,Smp_242700
SM_V9_1 Liftoff mRNA    78947355        78982193        .       +
       .
ID=Smp_332690.1;Parent=Smp_332690;geneID=Smp_332690;product=Protein
AF-17;polypeptide_domain=InterPro:IPR001965,IPR011011,IPR013083,IPR0
19787,IPR034732 Pfam:PF13831,PF13832
SM_V9_1 Liftoff exon    78947355        78947568        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78947602        78947662        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78947701        78947810        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78949158        78949261        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78955638        78955854        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78957926        78957978        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78962607        78962981        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78965650        78966062        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78967534        78967902        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78971891        78972354        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78979466        78979823        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff exon    78981223        78982193        .       +
       .       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78947398        78947568        .       +
       0       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78947602        78947662        .       +
       0       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78947701        78947810        .       +
       2       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78949158        78949261        .       +
       0       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78955638        78955854        .       +
       1       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78957926        78957978        .       +
       0       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78962607        78962981        .       +
       1       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78965650        78966062        .       +
       1       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78967534        78967902        .       +
       2       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78971891        78972354        .       +
       2       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78979466        78979823        .       +
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        0       Parent=Smp_332690.1
SM_V9_1 Liftoff CDS     78981223        78981419        .       +
        2       Parent=Smp_332690.1
SM_V9_1 iris    gene    79001625        79002081        .       +
        .
ID=Smp_320270;geneID=Smp_320270;gene_name=Smp_320270;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    79001625        79002081        .       +
        .
ID=Smp_320270.1;Parent=Smp_320270;geneID=Smp_320270;gene_name=Smp_32
0270;owner=irisadmin@local.host;orig_id=Smp_320270.2;date_last_modif
ied=2022-08-12;Name=Smp_320270.1;product=Replicase large
subunit;date_creation=2022-08-12
SM_V9_1 iris    exon    79001625        79001670        .       +
        .       Parent=Smp_320270.1;Name=cbe1a7be-6606-46b3-
b980-7f85d4a1c4e5
SM_V9_1 iris    exon    79001706        79001764        .       +
        .       Parent=Smp_320270.1;Name=e1059b23-2561-4e20-a3ae-
ad2feeabf12a
SM_V9_1 iris    exon    79001799        79001949        .       +
        .       Parent=Smp_320270.1;Name=9a7e5289-21e7-4871-ba42-
a6933762380c
SM_V9_1 iris    exon    79001981        79002081        .       +
        .       Parent=Smp_320270.1;Name=24374ba3-1526-41f2-8957-
c09ff3f4c522
SM_V9_1 iris    CDS     79001650        79001670        .       +
        0       Parent=Smp_320270.1
SM_V9_1 iris    CDS     79001706        79001764        .       +
        0       Parent=Smp_320270.1
SM_V9_1 iris    CDS     79001799        79001949        .       +
        1       Parent=Smp_320270.1
SM_V9_1 iris    CDS     79001981        79002001        .       +
        0       Parent=Smp_320270.1
SM_V9_1 iris    gene    79005237        79043091        .       -
        .
ID=Smp_337340;geneID=Smp_337340;gene_name=Smp_337340;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    79005237        79043091        .       -
        .
ID=Smp_337340.1;Parent=Smp_337340;geneID=Smp_337340;gene_name=Smp_33
7340;owner=irisadmin@local.host;orig_id=Smp_337340.1;date_last_modif
ied=2022-07-18;Name=Smp_337340.1;product=Centrosomal protein of 120
kDa;date_creation=2022-07-18
SM_V9_1 iris    exon    79005237        79005502        .       -
        .       Parent=Smp_337340.1;Name=9da50054-
d487-4fb6-886a-0bb60eadb614
SM_V9_1 iris    exon    79007198        79007613        .       -
        .
Parent=Smp_337340.1;Name=e9a9f26f-87ed-4179-9944-20864ccd3e5c
SM_V9_1 iris    exon    79007733        79007966        .       -
        .
Parent=Smp_337340.1;Name=4a7665d5-876f-490b-96d6-08f1ea1f1733
SM_V9_1 iris    exon    79010528        79010713        .       -
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Parent=Smp_337340.1;Name=da57da2f-53cc-4431-84b8-43612c28c0f1
SM_V9_1 iris    exon    79011394        79011602        .       -
        .
Parent=Smp_337340.1;Name=007eecc6-5d23-453d-8efd-1c3cc89d57de
SM_V9_1 iris    exon    79016183        79016318        .       -
        .       Parent=Smp_337340.1;Name=bc027586-4bfa-49e2-abf0-
c1579f366a11
SM_V9_1 iris    exon    79020461        79020590        .       -
        .       Parent=Smp_337340.1;Name=91777cbf-4eb3-4ada-
afa3-37ff00f4041a
SM_V9_1 iris    exon    79024558        79024721        .       -
        .
Parent=Smp_337340.1;Name=775c55c0-8e22-4f93-9769-0d742f5f5708
SM_V9_1 iris    exon    79026576        79026601        .       -
        .       Parent=Smp_337340.1;Name=15986cc4-5bd6-4558-
a538-5fffc5356101
SM_V9_1 iris    exon    79026659        79026917        .       -
        .       Parent=Smp_337340.1;Name=f544a004-440e-4982-
a1bb-8547bef94730
SM_V9_1 iris    exon    79028249        79028417        .       -
        .       Parent=Smp_337340.1;Name=f3a6f750-5dd6-4980-b963-
dc9c65f96eff
SM_V9_1 iris    exon    79032444        79032798        .       -
        .       Parent=Smp_337340.1;Name=dad754cf-44f7-465b-af7b-
d65217fe310d
SM_V9_1 iris    exon    79035964        79036081        .       -
        .
Parent=Smp_337340.1;Name=c2eea327-74b4-401d-8cf9-889ab44e3cf5
SM_V9_1 iris    exon    79036135        79036403        .       -
        .       Parent=Smp_337340.1;Name=d744ebd7-3767-4c08-a6a8-
ed3d6e6a0b9d
SM_V9_1 iris    exon    79042832        79043091        .       -
        .       Parent=Smp_337340.1;Name=f68a47e9-
be30-4325-9e87-64d13ae5f2b0
SM_V9_1 iris    CDS     79005304        79005502        .       -
        1       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79007198        79007613        .       -
        0       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79007733        79007966        .       -
        0       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79010528        79010713        .       -
        0       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79011394        79011602        .       -
        2       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79016183        79016318        .       -
        0       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79020461        79020590        .       -
        1       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79024558        79024721        .       -
        0       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79026576        79026601        .       -
        2       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79026659        79026917        .       -
        0       Parent=Smp_337340.1
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SM_V9_1 iris    CDS     79028249        79028417        .       -
        1       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79032444        79032798        .       -
        2       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79035964        79036081        .       -
        0       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79036135        79036403        .       -
        2       Parent=Smp_337340.1
SM_V9_1 iris    CDS     79042832        79042877        .       -
        0       Parent=Smp_337340.1
SM_V9_1 iris    gene    79050165        79092324        .       +
        .
ID=Smp_161560;geneID=Smp_161560;gene_name=Smp_161560;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    79050165        79092324        .       +
        .
ID=Smp_161560.1;Parent=Smp_161560;geneID=Smp_161560;gene_name=Smp_16
1560;owner=irisadmin@local.host;orig_id=Smp_161560.1;date_last_modif
ied=2022-07-18;Name=Smp_161560.1;product=DENN domain-containing
protein 1A;date_creation=2022-07-18
SM_V9_1 iris    exon    79050165        79050269        .       +
        .
Parent=Smp_161560.1;Name=fb76431b-1b55-4c5e-98f5-68bccbfb65e2
SM_V9_1 iris    exon    79055507        79055587        .       +
        .       Parent=Smp_161560.1;Name=86b3e060-2b82-4a43-8066-
a4bf36b1cd2d
SM_V9_1 iris    exon    79055636        79055694        .       +
        .       Parent=Smp_161560.1;Name=9a874711-cc93-4ad6-92ea-
a48e6615eb0a
SM_V9_1 iris    exon    79055730        79055823        .       +
        .       Parent=Smp_161560.1;Name=fa5a50dc-8982-40b4-
af67-0c6b1fc4a646
SM_V9_1 iris    exon    79055865        79055972        .       +
        .       Parent=Smp_161560.1;Name=0f3ba1d0-e067-4f8a-
ba96-76abc2a0b2d3
SM_V9_1 iris    exon    79056028        79056190        .       +
        .       Parent=Smp_161560.1;Name=41f2fadc-05da-4459-
ba60-51a4e2b68718
SM_V9_1 iris    exon    79056234        79056281        .       +
        .       Parent=Smp_161560.1;Name=1efaf2ad-7490-44ec-
a3b3-19c545531e9c
SM_V9_1 iris    exon    79056324        79056385        .       +
        .       Parent=Smp_161560.1;Name=2d323c74-3179-4d52-
aefa-43d150e25cbb
SM_V9_1 iris    exon    79056446        79056544        .       +
        .       Parent=Smp_161560.1;Name=acc7bd13-6dc9-464e-9e64-
d8b03f6424b2
SM_V9_1 iris    exon    79056590        79056640        .       +
        .
Parent=Smp_161560.1;Name=37acb960-9f73-46bd-8320-6b9862de4129
SM_V9_1 iris    exon    79056690        79056735        .       +
        .       Parent=Smp_161560.1;Name=fb3ee81c-b7e4-496c-8c3d-
a1aee89a8382
SM_V9_1 iris    exon    79057311        79057412        .       +
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        .
Parent=Smp_161560.1;Name=7a92e5d9-872a-4506-9c5f-3aca03c4d114
SM_V9_1 iris    exon    79059304        79059439        .       +
        .       Parent=Smp_161560.1;Name=6e6775aa-ef0c-48b2-b0b7-
a824d7340efd
SM_V9_1 iris    exon    79060914        79061128        .       +
        .       Parent=Smp_161560.1;Name=32ebd2fe-
a70a-4848-93e4-7fd9132027ce
SM_V9_1 iris    exon    79072127        79072288        .       +
        .       Parent=Smp_161560.1;Name=06421aa1-2795-43d2-aca0-
ecb992cd76b7
SM_V9_1 iris    exon    79075788        79075820        .       +
        .       Parent=Smp_161560.1;Name=23ec0199-
beb1-4eff-9b15-79d94448e9bc
SM_V9_1 iris    exon    79087467        79087538        .       +
        .       Parent=Smp_161560.1;Name=31efd44e-
cad2-43a4-8bd9-0576137a031c
SM_V9_1 iris    exon    79088770        79089269        .       +
        .
Parent=Smp_161560.1;Name=0c1f139b-5ee8-44ba-8cf7-38b8515a6029
SM_V9_1 iris    exon    79090346        79090418        .       +
        .
Parent=Smp_161560.1;Name=eeb77059-5569-4959-8226-0f997456c7a4
SM_V9_1 iris    exon    79091936        79092324        .       +
        .       Parent=Smp_161560.1;Name=ae455c14-d8de-4f5b-a306-
e7ede2479035
SM_V9_1 iris    CDS     79055568        79055587        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79055636        79055694        .       +
        1       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79055730        79055823        .       +
        2       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79055865        79055972        .       +
        1       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79056028        79056190        .       +
        1       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79056234        79056281        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79056324        79056385        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79056446        79056544        .       +
        1       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79056590        79056640        .       +
        1       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79056690        79056735        .       +
        1       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79057311        79057412        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79059304        79059439        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79060914        79061128        .       +
        2       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79072127        79072288        .       +
        0       Parent=Smp_161560.1
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SM_V9_1 iris    CDS     79075788        79075820        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79087467        79087538        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79088770        79089269        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79090346        79090418        .       +
        1       Parent=Smp_161560.1
SM_V9_1 iris    CDS     79091936        79092049        .       +
        0       Parent=Smp_161560.1
SM_V9_1 iris    gene    79095135        79102296        .       -
        .
ID=Smp_161550;geneID=Smp_161550;gene_name=Smp_161550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    79095135        79102296        .       -
        .
ID=Smp_161550.1;Parent=Smp_161550;geneID=Smp_161550;gene_name=Smp_16
1550;owner=irisadmin@local.host;orig_id=Smp_161550.1;date_last_modif
ied=2022-07-18;Name=Smp_161550.1;product=Adenylyl cyclase-associated
protein 2;date_creation=2022-07-18
SM_V9_1 iris    exon    79095135        79095606        .       -
        .       Parent=Smp_161550.1;Name=bac7d693-d4a4-41f1-
b029-06b631721557
SM_V9_1 iris    exon    79096224        79096415        .       -
        .       Parent=Smp_161550.1;Name=c12c43bc-615e-426c-a9c8-
dfe186c9c17d
SM_V9_1 iris    exon    79099891        79100089        .       -
        .       Parent=Smp_161550.1;Name=4b7eb443-9dae-4e5d-
bed1-66a116f5b035
SM_V9_1 iris    exon    79101035        79101117        .       -
        .       Parent=Smp_161550.1;Name=7d74c31e-
d016-43b7-9105-3e12ed8af44e
SM_V9_1 iris    exon    79101153        79101239        .       -
        .       Parent=Smp_161550.1;Name=218b9aea-
a6aa-443f-9f81-664ea049438a
SM_V9_1 iris    exon    79101278        79101409        .       -
        .       Parent=Smp_161550.1;Name=78af8f13-4a13-4b76-8300-
c86fd7e5d5d5
SM_V9_1 iris    exon    79101438        79101538        .       -
        .       Parent=Smp_161550.1;Name=c90b2e48-
c5a2-4c1e-8b84-62b619b0724e
SM_V9_1 iris    exon    79101571        79101953        .       -
        .       Parent=Smp_161550.1;Name=4756a3ea-
f4fd-4d7b-9f4f-99403c8b620b
SM_V9_1 iris    exon    79101989        79102121        .       -
        .       Parent=Smp_161550.1;Name=ce19b39f-dd82-4c5d-9d99-
ceb4bded8429
SM_V9_1 iris    exon    79102154        79102296        .       -
        .       Parent=Smp_161550.1;Name=ceecb01a-74b7-4f43-
b289-5c8d4494cac6
SM_V9_1 iris    CDS     79096293        79096415        .       -
        0       Parent=Smp_161550.1
SM_V9_1 iris    CDS     79099891        79100089        .       -
        1       Parent=Smp_161550.1
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SM_V9_1 iris    CDS     79101035        79101117        .       -
        0       Parent=Smp_161550.1
SM_V9_1 iris    CDS     79101153        79101239        .       -
        0       Parent=Smp_161550.1
SM_V9_1 iris    CDS     79101278        79101409        .       -
        0       Parent=Smp_161550.1
SM_V9_1 iris    CDS     79101438        79101538        .       -
        2       Parent=Smp_161550.1
SM_V9_1 iris    CDS     79101571        79101953        .       -
        1       Parent=Smp_161550.1
SM_V9_1 iris    CDS     79101989        79102002        .       -
        0       Parent=Smp_161550.1
SM_V9_1 iris    gene    79119882        79127172        .       +
        .
ID=Smp_320280;geneID=Smp_320280;gene_name=Smp_320280;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    79119882        79127172        .       +
        .
ID=Smp_320280.1;Parent=Smp_320280;geneID=Smp_320280;gene_name=Smp_32
0280;owner=irisadmin@local.host;orig_id=Smp_320280.1;date_last_modif
ied=2022-08-12;Name=Smp_320280.1;product=3-dehydroquinate
dehydratase;date_creation=2022-08-12
SM_V9_1 iris    exon    79119882        79119975        .       +
        .       Parent=Smp_320280.1;Name=4abfc37d-4e11-4d7b-9565-
cd8d1874ff5a
SM_V9_1 iris    exon    79126605        79126830        .       +
        .       Parent=Smp_320280.1;Name=1faa3de0-ed69-4f98-
be9d-01607683d7cf
SM_V9_1 iris    exon    79126868        79127172        .       +
        .       Parent=Smp_320280.1;Name=c427f5fc-814d-410c-8f21-
c8f08f283ac5
SM_V9_1 iris    CDS     79126619        79126830        .       +
        0       Parent=Smp_320280.1
SM_V9_1 iris    CDS     79126868        79127048        .       +
        1       Parent=Smp_320280.1
SM_V9_1 iris    gene    79133914        79147543        .       -
        .
ID=Smp_072740;geneID=Smp_072740;gene_name=Smp_072740;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    79133914        79147543        .       -
        .
ID=Smp_072740.1;Parent=Smp_072740;geneID=Smp_072740;gene_name=Smp_07
2740;owner=irisadmin@local.host;orig_id=Smp_072740.1;date_last_modif
ied=2022-07-18;Name=Smp_072740.1;product=Glutathione gamma-
glutamylcysteinyltransferase 3;date_creation=2022-07-18
SM_V9_1 iris    exon    79133914        79135170        .       -
        .       Parent=Smp_072740.1;Name=8c8046c6-3712-48d6-93ba-
e3329b2a73bf
SM_V9_1 iris    exon    79136032        79136490        .       -
        .       Parent=Smp_072740.1;Name=62764126-2bc5-4db6-a3ca-
a41dd31c953a
SM_V9_1 iris    exon    79139724        79139921        .       -
        .       Parent=Smp_072740.1;Name=47702bd2-8992-4a83-bba0-
c4fa01601164
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SM_V9_1 iris    exon    79144087        79144532        .       -
        .       Parent=Smp_072740.1;Name=29606f8d-c9b4-4c3f-
bb7b-4af044dc7812
SM_V9_1 iris    exon    79147385        79147543        .       -
        .
Parent=Smp_072740.1;Name=ff4903f1-45b3-44d4-81c4-7c03416aaf58
SM_V9_1 iris    CDS     79134439        79135170        .       -
        0       Parent=Smp_072740.1
SM_V9_1 iris    CDS     79136032        79136490        .       -
        0       Parent=Smp_072740.1
SM_V9_1 iris    CDS     79139724        79139921        .       -
        0       Parent=Smp_072740.1
SM_V9_1 iris    CDS     79144087        79144473        .       -
        0       Parent=Smp_072740.1
SM_V9_1 Liftoff gene    79155625        79159016        .       +
        .       ID=Smp_161540;geneID=Smp_161540
SM_V9_1 Liftoff mRNA    79155625        79159016        .       +
        .
ID=Smp_161540.1;Parent=Smp_161540;geneID=Smp_161540;product=Purine-
cytosine permease FCY2
SM_V9_1 Liftoff exon    79155625        79155857        .       +
        .       Parent=Smp_161540.1
SM_V9_1 Liftoff exon    79155888        79156000        .       +
        .       Parent=Smp_161540.1
SM_V9_1 Liftoff exon    79156032        79156088        .       +
        .       Parent=Smp_161540.1
SM_V9_1 Liftoff exon    79157071        79157187        .       +
        .       Parent=Smp_161540.1
SM_V9_1 Liftoff exon    79158327        79159016        .       +
        .       Parent=Smp_161540.1
SM_V9_1 Liftoff CDS     79155692        79155857        .       +
        0       Parent=Smp_161540.1
SM_V9_1 Liftoff CDS     79155888        79156000        .       +
        2       Parent=Smp_161540.1
SM_V9_1 Liftoff CDS     79156032        79156088        .       +
        0       Parent=Smp_161540.1
SM_V9_1 Liftoff CDS     79157071        79157187        .       +
        0       Parent=Smp_161540.1
SM_V9_1 Liftoff CDS     79158327        79158554        .       +
        0       Parent=Smp_161540.1
SM_V9_1 Liftoff gene    79229319        79236877        .       -
        .       ID=Smp_072720;geneID=Smp_072720
SM_V9_1 Liftoff mRNA    79229319        79236877        .       -
        .
ID=Smp_072720.1;Parent=Smp_072720;geneID=Smp_072720;product=AN1-type
zinc finger protein
6;polypeptide_domain=InterPro:IPR000058,IPR002653
Pfam:PF01428,PF01754;Ontology_term=GO:0003677,GO:0008270
SM_V9_1 Liftoff exon    79229319        79230514        .       -
        .       Parent=Smp_072720.1
SM_V9_1 Liftoff exon    79230649        79230729        .       -
        .       Parent=Smp_072720.1
SM_V9_1 Liftoff exon    79233294        79233515        .       -
        .       Parent=Smp_072720.1
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SM_V9_1 Liftoff exon    79236493        79236877        .       -
        .       Parent=Smp_072720.1
SM_V9_1 Liftoff CDS     79230366        79230514        .       -
        2       Parent=Smp_072720.1
SM_V9_1 Liftoff CDS     79230649        79230729        .       -
        2       Parent=Smp_072720.1
SM_V9_1 Liftoff CDS     79233294        79233515        .       -
        2       Parent=Smp_072720.1
SM_V9_1 Liftoff CDS     79236493        79236703        .       -
        0       Parent=Smp_072720.1
SM_V9_1 iris    gene    79268450        79302678        .       -
        .
ID=Smp_161530;geneID=Smp_161530;gene_name=Smp_161530;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    79268450        79302678        .       -
        .
ID=Smp_161530.1;Parent=Smp_161530;geneID=Smp_161530;gene_name=Smp_16
1530;owner=irisadmin@local.host;orig_id=Smp_161530.1;date_last_modif
ied=2022-08-01;Name=Smp_161530.1;product=Myocyte-specific enhancer
factor 2A;date_creation=2022-07-29
SM_V9_1 iris    exon    79268450        79269853        .       -
        .
Parent=Smp_161530.1;Name=746565e1-1fa2-4dc8-9192-8fd3c5e71d5b
SM_V9_1 iris    exon    79273169        79273510        .       -
        .       Parent=Smp_161530.1;Name=a58d1cff-
e559-4768-84b1-96bc0d227513
SM_V9_1 iris    exon    79275560        79276109        .       -
        .       Parent=Smp_161530.1;Name=a64b18ee-
f118-4087-8659-3f62d6e2f71f
SM_V9_1 iris    exon    79279959        79280119        .       -
        .       Parent=Smp_161530.1;Name=8b456a46-a307-4939-
bd84-7212ffa3d408
SM_V9_1 iris    exon    79290205        79290594        .       -
        .       Parent=Smp_161530.1;Name=0c603ae5-255c-4ecf-
baf5-1f83d63ecdfe
SM_V9_1 iris    exon    79293826        79293862        .       -
        .       Parent=Smp_161530.1;Name=df27b26e-932a-4877-adee-
c8f7cd270a3e
SM_V9_1 iris    exon    79297562        79297912        .       -
        .       Parent=Smp_161530.1;Name=554ee676-
e2e1-4547-8436-5c3a5f8703f1
SM_V9_1 iris    exon    79299738        79299941        .       -
        .       Parent=Smp_161530.1;Name=62951366-4235-4dce-
b8e0-7b8ae0d6dcf1
SM_V9_1 iris    exon    79299987        79300043        .       -
        .       Parent=Smp_161530.1;Name=3d19ba33-043f-456b-9393-
e489e0c39572
SM_V9_1 iris    exon    79302569        79302678        .       -
        .       Parent=Smp_161530.1;Name=e3d96b0a-8bd4-4ddb-
b85a-9aa62cfa6b4b
SM_V9_1 iris    CDS     79269792        79269853        .       -
        2       Parent=Smp_161530.1
SM_V9_1 iris    CDS     79273169        79273510        .       -
        2       Parent=Smp_161530.1
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SM_V9_1 iris    CDS     79275560        79276109        .       -
        0       Parent=Smp_161530.1
SM_V9_1 iris    CDS     79279959        79280119        .       -
        2       Parent=Smp_161530.1
SM_V9_1 iris    CDS     79290205        79290594        .       -
        2       Parent=Smp_161530.1
SM_V9_1 iris    CDS     79293826        79293862        .       -
        0       Parent=Smp_161530.1
SM_V9_1 iris    CDS     79297562        79297912        .       -
        0       Parent=Smp_161530.1
SM_V9_1 iris    CDS     79299738        79299941        .       -
        0       Parent=Smp_161530.1
SM_V9_1 iris    CDS     79299987        79300040        .       -
        0       Parent=Smp_161530.1
SM_V9_1 Liftoff gene    79364522        79378576        .       +
        .
ID=Smp_302990;geneID=Smp_302990;previous_systematic_id=Smp_161520
SM_V9_1 Liftoff mRNA    79364522        79378576        .       +
        .
ID=Smp_302990.1;Parent=Smp_302990;geneID=Smp_302990;product=Protocad
herin gamma-
B4;polypeptide_domain=InterPro:IPR002126,IPR013164,IPR020894
Pfam:PF08266;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_1 Liftoff exon    79364522        79378576        .       +
        .       Parent=Smp_302990.1
SM_V9_1 Liftoff CDS     79377964        79378554        .       +
        0       Parent=Smp_302990.1
SM_V9_1 Liftoff gene    79380432        79437516        .       +
        .
ID=Smp_303000;geneID=Smp_303000;previous_systematic_id=Smp_161520
SM_V9_1 Liftoff mRNA    79380432        79437516        .       +
        .
ID=Smp_303000.1;Parent=Smp_303000;geneID=Smp_303000;product=Protocad
herin-9;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_1 Liftoff exon    79380432        79385135        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79390771        79390926        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79398831        79399183        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79400608        79400849        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79403154        79403420        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79406646        79406838        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79415603        79415827        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79433852        79434215        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79436673        79436982        .       +
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        .       Parent=Smp_303000.1
SM_V9_1 Liftoff exon    79437114        79437516        .       +
        .       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79384662        79385135        .       +
        0       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79390771        79390926        .       +
        0       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79398831        79399183        .       +
        0       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79400608        79400849        .       +
        1       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79403154        79403420        .       +
        2       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79406646        79406838        .       +
        2       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79415603        79415827        .       +
        1       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79433852        79434215        .       +
        1       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79436673        79436982        .       +
        0       Parent=Smp_303000.1
SM_V9_1 Liftoff CDS     79437114        79437325        .       +
        2       Parent=Smp_303000.1
SM_V9_1 Liftoff gene    79458975        79524605        .       -
        .       ID=Smp_161510;geneID=Smp_161510
SM_V9_1 Liftoff mRNA    79458975        79524605        .       -
        .
ID=Smp_161510.1;Parent=Smp_161510;geneID=Smp_161510;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    79458975        79459885        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff exon    79461788        79461847        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff exon    79463310        79463384        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff exon    79471585        79471995        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff exon    79473621        79473896        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff exon    79483123        79483226        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff exon    79493153        79493768        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff exon    79509596        79524605        .       -
        .       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79459763        79459885        .       -
        0       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79461788        79461847        .       -
        0       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79463310        79463384        .       -
        0       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79471585        79471995        .       -
        0       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79473621        79473896        .       -
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        0       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79483123        79483226        .       -
        2       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79493153        79493768        .       -
        0       Parent=Smp_161510.1
SM_V9_1 Liftoff CDS     79509596        79509874        .       -
        0       Parent=Smp_161510.1
SM_V9_1 Liftoff gene    79538390        79538683        .       +
        .       ID=Smp_072670;geneID=Smp_072670
SM_V9_1 Liftoff mRNA    79538390        79538683        .       +
        .
ID=Smp_072670.1;Parent=Smp_072670;geneID=Smp_072670;product=Probable
capsid protein
SM_V9_1 Liftoff exon    79538390        79538683        .       +
        .       Parent=Smp_072670.1
SM_V9_1 Liftoff CDS     79538390        79538683        .       +
        0       Parent=Smp_072670.1
SM_V9_1 Liftoff gene    79542172        79589936        .       +
        .       ID=Smp_072660;geneID=Smp_072660
SM_V9_1 Liftoff mRNA    79542172        79589936        .       +
        .
ID=Smp_072660.1;Parent=Smp_072660;geneID=Smp_072660;product=Ras
GTPase-activating protein
1;polypeptide_domain=InterPro:IPR000980,IPR001452,IPR008936;Ontology
_term=GO:0005515,GO:0007165
SM_V9_1 Liftoff exon    79542172        79542286        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79543486        79543656        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79543694        79543826        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79548543        79548619        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79549037        79549151        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79551025        79551106        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79554983        79555623        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79556690        79556798        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79559151        79559301        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79561806        79562035        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79563484        79563773        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79567149        79567282        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79570127        79570191        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79571728        79571966        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79573152        79573335        .       +
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        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79578669        79579031        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79580925        79581055        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79582220        79582498        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79584758        79584901        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff exon    79588048        79589936        .       +
        .       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79542228        79542286        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79543486        79543656        .       +
        1       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79543694        79543826        .       +
        1       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79548543        79548619        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79549037        79549151        .       +
        1       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79551025        79551106        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79554983        79555623        .       +
        2       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79556690        79556798        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79559151        79559301        .       +
        2       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79561806        79562035        .       +
        1       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79563484        79563773        .       +
        2       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79567149        79567282        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79570127        79570191        .       +
        1       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79571728        79571966        .       +
        2       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79573152        79573335        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79578669        79579031        .       +
        2       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79580925        79581055        .       +
        2       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79582220        79582498        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79584758        79584901        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff CDS     79588048        79588461        .       +
        0       Parent=Smp_072660.1
SM_V9_1 Liftoff gene    79659405        79702777        .       -
        .       ID=Smp_161500;geneID=Smp_161500
SM_V9_1 Liftoff mRNA    79659405        79702777        .       -
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PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    79659405        79660579        .       -
        .       Parent=Smp_161500.1
SM_V9_1 Liftoff exon    79663176        79702777        .       -
        .       Parent=Smp_161500.1
SM_V9_1 Liftoff CDS     79660154        79660579        .       -
        0       Parent=Smp_161500.1
SM_V9_1 Liftoff CDS     79663176        79664600        .       -
        0       Parent=Smp_161500.1
SM_V9_1 Liftoff gene    79776582        79796967        .       -
        .       ID=Smp_072640;geneID=Smp_072640
SM_V9_1 Liftoff mRNA    79776582        79796967        .       -
        .
ID=Smp_072640.1;Parent=Smp_072640;geneID=Smp_072640;product=Stomatin
-like protein 2;evidence=Traceable Author
Statement;literature=PMID:20852890;polypeptide_domain=InterPro:IPR00
1107,IPR001972,IPR032435
Pfam:PF01145,PF16200;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    79776582        79776977        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79781874        79782002        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79784966        79785045        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79786269        79786460        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79786515        79786662        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79789158        79789258        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79792663        79792762        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79792803        79792925        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff exon    79796879        79796967        .       -
        .       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79776717        79776977        .       -
        0       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79781874        79782002        .       -
        0       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79784966        79785045        .       -
        2       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79786269        79786460        .       -
        2       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79786515        79786662        .       -
        0       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79789158        79789258        .       -
        2       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79792663        79792762        .       -
        0       Parent=Smp_072640.1
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SM_V9_1 Liftoff CDS     79792803        79792925        .       -
        0       Parent=Smp_072640.1
SM_V9_1 Liftoff CDS     79796879        79796923        .       -
        0       Parent=Smp_072640.1
SM_V9_1 iris    gene    79806751        79821296        .       +
        .
ID=Smp_005520;geneID=Smp_005520;gene_name=Smp_005520;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    79806751        79821296        .       +
        .
ID=Smp_005520.1;Parent=Smp_005520;geneID=Smp_005520;gene_name=Smp_00
5520;owner=irisadmin@local.host;orig_id=Smp_005520.1;date_last_modif
ied=2022-07-18;Name=Smp_005520.1;product=Zinc finger protein
583;date_creation=2022-07-18
SM_V9_1 iris    exon    79806751        79807168        .       +
        .       Parent=Smp_005520.1;Name=4303dc86-05e1-438a-9988-
b38af9ff647f
SM_V9_1 iris    exon    79811319        79811460        .       +
        .
Parent=Smp_005520.1;Name=749f9f16-0ad4-4abd-8c93-8bcfaa12e081
SM_V9_1 iris    exon    79813834        79814045        .       +
        .       Parent=Smp_005520.1;Name=b11ab60d-
b0b7-46f3-9cf9-1549dc5378ea
SM_V9_1 iris    exon    79815031        79815248        .       +
        .       Parent=Smp_005520.1;Name=e3843f25-
f3f9-4972-8ec0-7943a7cea00e
SM_V9_1 iris    exon    79818195        79818478        .       +
        .       Parent=Smp_005520.1;Name=8f9ad022-18af-407f-8ee9-
b05d98dae53e
SM_V9_1 iris    exon    79820752        79821296        .       +
        .       Parent=Smp_005520.1;Name=dc285551-104c-4ba8-a68a-
d82df4d3019d
SM_V9_1 iris    CDS     79811374        79811460        .       +
        0       Parent=Smp_005520.1
SM_V9_1 iris    CDS     79813834        79814045        .       +
        0       Parent=Smp_005520.1
SM_V9_1 iris    CDS     79815031        79815248        .       +
        1       Parent=Smp_005520.1
SM_V9_1 iris    CDS     79818195        79818478        .       +
        2       Parent=Smp_005520.1
SM_V9_1 iris    CDS     79820752        79820991        .       +
        0       Parent=Smp_005520.1
SM_V9_1 iris    gene    79827109        79847055        .       +
        .
ID=Smp_125070;geneID=Smp_125070;gene_name=Smp_125070;owner=irisadmin
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SM_V9_1 iris    mRNA    79827109        79847055        .       +
        .
ID=Smp_125070.1;Parent=Smp_125070;geneID=Smp_125070;gene_name=Smp_12
5070;owner=irisadmin@local.host;orig_id=Smp_125070.1;date_last_modif
ied=2022-08-12;Name=Smp_125070.1;product=Cystathionine beta-
synthase;date_creation=2022-08-12
SM_V9_1 iris    exon    79827109        79827351        .       +
        .       Parent=Smp_125070.1;Name=2b70de32-57b2-47bb-
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bd94-1536431d8a74
SM_V9_1 iris    exon    79828646        79828744        .       +
        .       Parent=Smp_125070.1;Name=425a4078-4f51-4ca5-b7bc-
f3fbdc2f7c10
SM_V9_1 iris    exon    79828799        79828905        .       +
        .       Parent=Smp_125070.1;Name=eec991bb-c409-4f56-
a849-7e9c61f0858a
SM_V9_1 iris    exon    79828955        79829089        .       +
        .       Parent=Smp_125070.1;Name=b7d52931-a1e0-4b15-
b65e-9424a4a04e08
SM_V9_1 iris    exon    79830834        79830913        .       +
        .
Parent=Smp_125070.1;Name=ff67261a-8dae-419c-93e1-68fe049c367b
SM_V9_1 iris    exon    79832212        79832526        .       +
        .       Parent=Smp_125070.1;Name=f40789ae-06b8-45dd-
ab5b-44ecd1c55324
SM_V9_1 iris    exon    79833943        79834144        .       +
        .       Parent=Smp_125070.1;Name=e5a43988-e4a5-46ab-a4b2-
abdb92a330a0
SM_V9_1 iris    exon    79837674        79837785        .       +
        .       Parent=Smp_125070.1;Name=a014ff1a-905f-4b78-
add6-1ab0612d604e
SM_V9_1 iris    exon    79839062        79839139        .       +
        .       Parent=Smp_125070.1;Name=e775c388-
de07-4613-9c87-83639d139a92
SM_V9_1 iris    exon    79839931        79840077        .       +
        .       Parent=Smp_125070.1;Name=912cf357-821e-4f9d-8b35-
b92e6473fe02
SM_V9_1 iris    exon    79843050        79843158        .       +
        .       Parent=Smp_125070.1;Name=b8467c67-c4a8-4612-80e4-
c43418dd739c
SM_V9_1 iris    exon    79845106        79845184        .       +
        .       Parent=Smp_125070.1;Name=60729de7-bdc1-44d7-
aa0c-837a476e9e58
SM_V9_1 iris    exon    79846841        79847055        .       +
        .       Parent=Smp_125070.1;Name=68ba07e2-
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SM_V9_1 iris    CDS     79828650        79828744        .       +
        0       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79828799        79828905        .       +
        1       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79828955        79829089        .       +
        2       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79830834        79830913        .       +
        2       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79832212        79832526        .       +
        0       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79833943        79834144        .       +
        0       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79837674        79837785        .       +
        2       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79839062        79839139        .       +
        1       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79839931        79840077        .       +
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        1       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79843050        79843158        .       +
        1       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79845106        79845184        .       +
        0       Parent=Smp_125070.1
SM_V9_1 iris    CDS     79846841        79846896        .       +
        2       Parent=Smp_125070.1
SM_V9_1 iris    gene    79858541        79909923        .       +
        .
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SM_V9_1 iris    mRNA    79858541        79909923        .       +
        .
ID=Smp_005500.1;Parent=Smp_005500;geneID=Smp_005500;gene_name=Smp_00
5500;owner=irisadmin@local.host;orig_id=Smp_005500.1;date_last_modif
ied=2022-07-18;Name=Smp_005500.1;product=Putative polypeptide N-
acetylgalactosaminyltransferase 9;date_creation=2022-07-18
SM_V9_1 iris    exon    79858541        79858575        .       +
        .       Parent=Smp_005500.1;Name=912f9403-f3fa-4950-af5e-
e2c0eacc1bae
SM_V9_1 iris    exon    79860605        79860977        .       +
        .
Parent=Smp_005500.1;Name=af6451c2-683e-4d9c-9feb-8af33579785e
SM_V9_1 iris    exon    79862551        79862796        .       +
        .
Parent=Smp_005500.1;Name=b770da13-154c-4275-96e3-8d4ea80f91ef
SM_V9_1 iris    exon    79865234        79865387        .       +
        .       Parent=Smp_005500.1;Name=e1a38a6f-d450-4058-9aea-
ab0a0e1dccd4
SM_V9_1 iris    exon    79867662        79867828        .       +
        .       Parent=Smp_005500.1;Name=5bb094c1-3e81-44c5-
a000-41b905e20243
SM_V9_1 iris    exon    79878392        79878556        .       +
        .       Parent=Smp_005500.1;Name=d624d5b2-9ba0-444b-8930-
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SM_V9_1 iris    exon    79879957        79880170        .       +
        .       Parent=Smp_005500.1;Name=f2bbaf59-b769-4805-
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SM_V9_1 iris    exon    79890131        79890248        .       +
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a295-22a2b8882f98
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        .       Parent=Smp_005500.1;Name=69a05795-9609-497f-
a090-538c9b10bcef
SM_V9_1 iris    exon    79897917        79898045        .       +
        .       Parent=Smp_005500.1;Name=ab071265-2f88-4954-
b33d-4d6a2778d596
SM_V9_1 iris    exon    79900717        79900827        .       +
        .       Parent=Smp_005500.1;Name=4e10be24-f9b0-4ed8-8512-
de122ebf9ccd
SM_V9_1 iris    exon    79906104        79906235        .       +
        .       Parent=Smp_005500.1;Name=ec97e483-77ac-4d5f-bc9e-
a2b32598b3e5
SM_V9_1 iris    exon    79908729        79909923        .       +
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        .       Parent=Smp_005500.1;Name=4ef0192d-8be7-420c-
a05e-07e8b4a6e468
SM_V9_1 iris    CDS     79860662        79860977        .       +
        0       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79862551        79862796        .       +
        2       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79865234        79865387        .       +
        2       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79867662        79867828        .       +
        1       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79878392        79878556        .       +
        2       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79879957        79880170        .       +
        2       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79890131        79890248        .       +
        1       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79896300        79896488        .       +
        0       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79897917        79898045        .       +
        0       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79900717        79900827        .       +
        0       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79906104        79906235        .       +
        0       Parent=Smp_005500.1
SM_V9_1 iris    CDS     79908729        79908881        .       +
        0       Parent=Smp_005500.1
SM_V9_1 Liftoff gene    79941631        79989551        .       +
        .
ID=Smp_347510;geneID=Smp_347510;previous_systematic_id=Smp_125060,Sm
p_242720
SM_V9_1 Liftoff mRNA    79941631        79989551        .       +
        .
ID=Smp_347510.1;Parent=Smp_347510;geneID=Smp_347510;product=Serine/
threonine-protein kinase A-
Raf;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR011009
Pfam:PF07714;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    79941631        79947854        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79963090        79963896        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79965720        79965783        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79968228        79968314        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79970220        79970387        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79975921        79976148        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79980927        79981466        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79984308        79984437        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff exon    79986837        79986917        .       +
        .       Parent=Smp_347510.1
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SM_V9_1 Liftoff exon    79989337        79989551        .       +
        .       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79946822        79947854        .       +
        0       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79963090        79963896        .       +
        2       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79965720        79965783        .       +
        2       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79968228        79968314        .       +
        1       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79970220        79970387        .       +
        1       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79975921        79976148        .       +
        1       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79980927        79981466        .       +
        1       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79984308        79984437        .       +
        1       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79986837        79986917        .       +
        0       Parent=Smp_347510.1
SM_V9_1 Liftoff CDS     79989337        79989378        .       +
        0       Parent=Smp_347510.1
SM_V9_1 Liftoff gene    79989949        80010017        .       -
        .       ID=Smp_125050;geneID=Smp_125050
SM_V9_1 Liftoff mRNA    79989949        80010017        .       -
        .
ID=Smp_125050.1;Parent=Smp_125050;geneID=Smp_125050;product=PC4 and
SFRS1-interacting
protein;polypeptide_domain=InterPro:IPR000313,IPR021567,IPR035496
Pfam:PF00855,PF11467
SM_V9_1 Liftoff exon    79989949        79992777        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    79993669        79993764        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    79994807        79995065        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    79997342        79997391        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    79999100        79999621        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    80001307        80001532        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    80001620        80001728        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    80007928        80008066        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    80009625        80009760        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    80009805        80009878        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff exon    80009911        80010017        .       -
        .       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     79990498        79992777        .       -
        0       Parent=Smp_125050.1
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SM_V9_1 Liftoff CDS     79993669        79993764        .       -
        0       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     79994807        79995065        .       -
        1       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     79997342        79997391        .       -
        0       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     79999100        79999621        .       -
        0       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     80001307        80001532        .       -
        1       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     80001620        80001728        .       -
        2       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     80007928        80008066        .       -
        0       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     80009625        80009760        .       -
        1       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     80009805        80009878        .       -
        0       Parent=Smp_125050.1
SM_V9_1 Liftoff CDS     80009911        80009976        .       -
        0       Parent=Smp_125050.1
SM_V9_1 Liftoff gene    80021618        80023937        .       -
        .       ID=Smp_320300;geneID=Smp_320300
SM_V9_1 Liftoff mRNA    80021618        80023937        .       -
        .
ID=Smp_320300.1;Parent=Smp_320300;geneID=Smp_320300;product=Dynein
light chain LC6, flagellar outer
arm;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    80021618        80021822        .       -
        .       Parent=Smp_320300.1
SM_V9_1 Liftoff exon    80023606        80023937        .       -
        .       Parent=Smp_320300.1
SM_V9_1 Liftoff CDS     80021735        80021822        .       -
        1       Parent=Smp_320300.1
SM_V9_1 Liftoff CDS     80023606        80023799        .       -
        0       Parent=Smp_320300.1
SM_V9_1 iris    gene    80028971        80031308        .       -
        .
ID=Smp_005470;geneID=Smp_005470;gene_name=Smp_005470;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_1 iris    mRNA    80028971        80031308        .       -
        .
ID=Smp_005470.1;Parent=Smp_005470;geneID=Smp_005470;gene_name=Smp_00
5470;owner=irisadmin@local.host;orig_id=Smp_005470.1;date_last_modif
ied=2022-09-05;Name=Smp_005470.1;product=Dynein light chain 1,
cytoplasmic;date_creation=2022-09-05
SM_V9_1 iris    exon    80028971        80029516        .       -
        .       Parent=Smp_005470.1;Name=0df2433c-0453-4fbe-
bb8d-289a1a407438
SM_V9_1 iris    exon    80031105        80031308        .       -
        .
Parent=Smp_005470.1;Name=ddea26ba-85b2-4702-8a28-137a6e1eb6ff
SM_V9_1 iris    CDS     80029438        80029516        .       -
        1       Parent=Smp_005470.1
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SM_V9_1 iris    CDS     80031105        80031277        .       -
        0       Parent=Smp_005470.1
SM_V9_1 iris    gene    80036255        80054195        .       +
        .
ID=Smp_125040;geneID=Smp_125040;gene_name=Smp_125040;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_1 iris    mRNA    80036255        80054195        .       +
        .
ID=Smp_125040.1;Parent=Smp_125040;geneID=Smp_125040;gene_name=Smp_12
5040;owner=irisadmin@local.host;orig_id=Smp_125040.1;date_last_modif
ied=2022-09-05;Name=Smp_125040.1;product=Dynactin subunit
1;date_creation=2022-09-05
SM_V9_1 iris    exon    80036255        80036316        .       +
        .
Parent=Smp_125040.1;Name=647d013c-0089-4ba2-90d0-10664ea25765
SM_V9_1 iris    exon    80036351        80036459        .       +
        .       Parent=Smp_125040.1;Name=5a2ec4ee-8632-400b-bb87-
b91a155c5b23
SM_V9_1 iris    exon    80037530        80038269        .       +
        .       Parent=Smp_125040.1;Name=20677be5-0d7b-46d0-
bd2e-698714340efb
SM_V9_1 iris    exon    80039669        80039731        .       +
        .
Parent=Smp_125040.1;Name=3460d4d4-2148-4ffc-9f3c-76066faa4816
SM_V9_1 iris    exon    80041204        80041310        .       +
        .       Parent=Smp_125040.1;Name=4f30f347-5e91-4f92-
a377-1971684127c3
SM_V9_1 iris    exon    80042637        80042717        .       +
        .       Parent=Smp_125040.1;Name=7b94139d-
a95a-4999-831b-6b32b93f2a64
SM_V9_1 iris    exon    80044333        80044476        .       +
        .       Parent=Smp_125040.1;Name=674157ae-a33b-4e9d-
bce1-84fec15fa14b
SM_V9_1 iris    exon    80046287        80046527        .       +
        .       Parent=Smp_125040.1;Name=f2a09980-4724-498d-84f8-
c029476791bf
SM_V9_1 iris    exon    80048419        80048675        .       +
        .       Parent=Smp_125040.1;Name=6822aede-21da-438b-
b8be-2280d2f509da
SM_V9_1 iris    exon    80050019        80050297        .       +
        .       Parent=Smp_125040.1;Name=2e31c9d0-
c2b9-459d-8f46-1dbfdabac00c
SM_V9_1 iris    exon    80052062        80052310        .       +
        .       Parent=Smp_125040.1;Name=0be1c2b3-5faf-47c6-
ada4-72fe8fb19e87
SM_V9_1 iris    exon    80053913        80054195        .       +
        .       Parent=Smp_125040.1;Name=7b4cb51c-
e09e-4f75-9ed9-6c64c8a1485c
SM_V9_1 iris    CDS     80037534        80038269        .       +
        0       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80039669        80039731        .       +
        2       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80041204        80041310        .       +
        2       Parent=Smp_125040.1
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SM_V9_1 iris    CDS     80042637        80042717        .       +
        0       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80044333        80044476        .       +
        0       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80046287        80046527        .       +
        0       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80048419        80048675        .       +
        2       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80050019        80050297        .       +
        0       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80052062        80052310        .       +
        0       Parent=Smp_125040.1
SM_V9_1 iris    CDS     80053913        80054137        .       +
        0       Parent=Smp_125040.1
SM_V9_1 iris    gene    80054902        80076387        .       -
        .
ID=Smp_198940;geneID=Smp_198940;gene_name=Smp_198940;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    80054902        80076387        .       -
        .
ID=Smp_198940.1;Parent=Smp_198940;geneID=Smp_198940;gene_name=Smp_19
8940;owner=irisadmin@local.host;orig_id=Smp_198940.5;date_last_modif
ied=2022-07-18;Name=Smp_198940.1;product=Probable tRNA N6-adenosine
threonylcarbamoyltransferase, mitochondrial;date_creation=2022-07-18
SM_V9_1 iris    exon    80054902        80055111        .       -
        .       Parent=Smp_198940.1;Name=719c42fb-
ab1d-4cff-9f32-455636b2e277
SM_V9_1 iris    exon    80056862        80056936        .       -
        .       Parent=Smp_198940.1;Name=b2ebc1f0-7c1d-49d5-b75d-
c2445221842c
SM_V9_1 iris    exon    80058700        80058830        .       -
        .       Parent=Smp_198940.1;Name=079ee1f0-6bf3-40e2-
b5d6-4d3eaa89b777
SM_V9_1 iris    exon    80068640        80068803        .       -
        .       Parent=Smp_198940.1;Name=824fd223-
cc42-4b89-9e18-44f1219e6d19
SM_V9_1 iris    exon    80069508        80069727        .       -
        .       Parent=Smp_198940.1;Name=dceda307-d0a0-4e04-9434-
bd24fb2b5757
SM_V9_1 iris    exon    80071302        80071431        .       -
        .       Parent=Smp_198940.1;Name=b2ff18f5-4fd8-4534-ac18-
fccf0abbcf0d
SM_V9_1 iris    exon    80075098        80075163        .       -
        .       Parent=Smp_198940.1;Name=cbe006bd-c3bf-485f-
bcd3-391c4312a9e8
SM_V9_1 iris    exon    80075207        80075301        .       -
        .       Parent=Smp_198940.1;Name=ad997387-c878-4c2f-
a734-58facebdc4cc
SM_V9_1 iris    exon    80075347        80075446        .       -
        .       Parent=Smp_198940.1;Name=c34ecab7-19cc-4638-9b6a-
b0728fd6913d
SM_V9_1 iris    exon    80075486        80075625        .       -
        .
Parent=Smp_198940.1;Name=a95872a6-4401-4f84-9bad-49f98d3e94fb
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SM_V9_1 iris    exon    80075669        80076387        .       -
        .       Parent=Smp_198940.1;Name=1e84a0a6-09b8-48e6-
a994-394099f6e76d
SM_V9_1 iris    CDS     80055018        80055111        .       -
        1       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80056862        80056936        .       -
        1       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80058700        80058830        .       -
        0       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80068640        80068803        .       -
        2       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80069508        80069727        .       -
        0       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80071302        80071431        .       -
        1       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80075098        80075163        .       -
        1       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80075207        80075301        .       -
        0       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80075347        80075446        .       -
        1       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80075486        80075625        .       -
        0       Parent=Smp_198940.1
SM_V9_1 iris    CDS     80075669        80075740        .       -
        0       Parent=Smp_198940.1
SM_V9_1 iris    gene    80095506        80098481        .       -
        .
ID=Smp_320310;geneID=Smp_320310;gene_name=Smp_320310;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    80095506        80098481        .       -
        .
ID=Smp_320310.1;Parent=Smp_320310;geneID=Smp_320310;gene_name=Smp_32
0310;owner=irisadmin@local.host;orig_id=Smp_320310.1;date_last_modif
ied=2022-08-12;Name=Smp_320310.1;product=Dynein light chain 2,
cytoplasmic;date_creation=2022-08-12
SM_V9_1 iris    exon    80095506        80096021        .       -
        .       Parent=Smp_320310.1;Name=61800e23-479a-438a-
a8de-5c6278b0bd27
SM_V9_1 iris    exon    80098105        80098334        .       -
        .       Parent=Smp_320310.1;Name=d6d16931-
f875-4bd0-9fac-7a2cd57b7b20
SM_V9_1 iris    exon    80098382        80098481        .       -
        .       Parent=Smp_320310.1;Name=d3ebc406-6f24-4689-
ac14-5f027a61102f
SM_V9_1 iris    CDS     80095943        80096021        .       -
        1       Parent=Smp_320310.1
SM_V9_1 iris    CDS     80098105        80098295        .       -
        0       Parent=Smp_320310.1
SM_V9_1 Liftoff gene    80104177        80105758        .       +
        .       ID=Smp_320320;geneID=Smp_320320
SM_V9_1 Liftoff mRNA    80104177        80105758        .       +
        .
ID=Smp_320320.1;Parent=Smp_320320;geneID=Smp_320320;product=Dynein
light chain, cytoplasmic;polypeptide_domain=InterPro:IPR001372
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Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    80104177        80104463        .       +
        .       Parent=Smp_320320.1
SM_V9_1 Liftoff exon    80105539        80105758        .       +
        .       Parent=Smp_320320.1
SM_V9_1 Liftoff CDS     80104273        80104463        .       +
        0       Parent=Smp_320320.1
SM_V9_1 Liftoff CDS     80105539        80105623        .       +
        1       Parent=Smp_320320.1
SM_V9_1 Liftoff gene    80117897        80122052        .       +
        .       ID=Smp_320330;geneID=Smp_320330
SM_V9_1 Liftoff mRNA    80117897        80122052        .       +
        .
ID=Smp_320330.1;Parent=Smp_320330;geneID=Smp_320330;product=Dynein
light chain LC6, flagellar outer
arm;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    80117897        80118266        .       +
        .       Parent=Smp_320330.1
SM_V9_1 Liftoff exon    80121729        80122052        .       +
        .       Parent=Smp_320330.1
SM_V9_1 Liftoff CDS     80118076        80118266        .       +
        0       Parent=Smp_320330.1
SM_V9_1 Liftoff CDS     80121729        80121816        .       +
        1       Parent=Smp_320330.1
SM_V9_1 Liftoff gene    80126523        80132783        .       -
        .       ID=Smp_125020;geneID=Smp_125020
SM_V9_1 Liftoff mRNA    80126523        80132783        .       -
        .
ID=Smp_125020.1;Parent=Smp_125020;geneID=Smp_125020;product=Dynein
light chain 2, cytoplasmic;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    80126523        80126792        .       -
        .       Parent=Smp_125020.1
SM_V9_1 Liftoff exon    80132351        80132783        .       -
        .       Parent=Smp_125020.1
SM_V9_1 Liftoff CDS     80126714        80126792        .       -
        1       Parent=Smp_125020.1
SM_V9_1 Liftoff CDS     80132351        80132541        .       -
        0       Parent=Smp_125020.1
SM_V9_1 Liftoff gene    80145708        80150879        .       -
        .       ID=Smp_320340;geneID=Smp_320340
SM_V9_1 Liftoff mRNA    80145708        80150879        .       -
        .
ID=Smp_320340.1;Parent=Smp_320340;geneID=Smp_320340;product=Dynein
light chain 1, cytoplasmic;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    80145708        80145981        .       -
        .       Parent=Smp_320340.1
SM_V9_1 Liftoff exon    80150488        80150879        .       -
        .       Parent=Smp_320340.1
SM_V9_1 Liftoff CDS     80145903        80145981        .       -
        1       Parent=Smp_320340.1
SM_V9_1 Liftoff CDS     80150488        80150687        .       -
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        0       Parent=Smp_320340.1
SM_V9_1 Liftoff gene    80159547        80164166        .       +
        .
ID=Smp_342120;geneID=Smp_342120;previous_systematic_id=Smp_125010
SM_V9_1 Liftoff mRNA    80159547        80164166        .       +
        .
ID=Smp_342120.1;Parent=Smp_342120;geneID=Smp_342120;product=Dynein
light chain LC6, flagellar outer
arm;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_1 Liftoff exon    80159547        80159777        .       +
        .       Parent=Smp_342120.1
SM_V9_1 Liftoff exon    80163945        80164166        .       +
        .       Parent=Smp_342120.1
SM_V9_1 Liftoff CDS     80159587        80159777        .       +
        0       Parent=Smp_342120.1
SM_V9_1 Liftoff CDS     80163945        80164026        .       +
        1       Parent=Smp_342120.1
SM_V9_1 Liftoff gene    80174216        80219093        .       -
        .
ID=Smp_198930;geneID=Smp_198930;previous_systematic_id=Smp_125000
SM_V9_1 Liftoff mRNA    80174216        80219093        .       -
        .
ID=Smp_198930.1;Parent=Smp_198930;geneID=Smp_198930;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR000159,IPR001478,IPR029071
Pfam:PF00788;Ontology_term=GO:0005515,GO:0007165
SM_V9_1 Liftoff exon    80174216        80174697        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80177256        80178523        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80182020        80182182        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80183806        80185032        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80188499        80188543        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80190131        80190252        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80192018        80192150        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80193218        80193281        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80195303        80195369        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80201709        80202018        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff exon    80218609        80219093        .       -
        .       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80174473        80174697        .       -
        0       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80177256        80178523        .       -
        2       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80182020        80182182        .       -
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        0       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80183806        80185032        .       -
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SM_V9_1 Liftoff CDS     80188499        80188543        .       -
        0       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80190131        80190252        .       -
        2       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80192018        80192150        .       -
        0       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80193218        80193281        .       -
        1       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80195303        80195369        .       -
        2       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80201709        80202018        .       -
        0       Parent=Smp_198930.1
SM_V9_1 Liftoff CDS     80218609        80218647        .       -
        0       Parent=Smp_198930.1
SM_V9_1 iris    gene    80222593        80239372        .       -
        .
ID=Smp_342110;geneID=Smp_342110;gene_name=Smp_342110;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    80222593        80239372        .       -
        .
ID=Smp_342110.1;Parent=Smp_342110;geneID=Smp_342110;gene_name=Smp_34
2110;owner=irisadmin@local.host;orig_id=Smp_342110.1;date_last_modif
ied=2022-08-12;Name=Smp_342110.1;product=Ras-like protein family
member 12;date_creation=2022-08-12
SM_V9_1 iris    exon    80222593        80223969        .       -
        .       Parent=Smp_342110.1;Name=daa0f507-1a5c-4b4b-ad9d-
efd1fa7ad183
SM_V9_1 iris    exon    80225113        80225489        .       -
        .       Parent=Smp_342110.1;Name=6dedbbf3-0530-4f00-8bf0-
a4b70f1badec
SM_V9_1 iris    exon    80228875        80228948        .       -
        .       Parent=Smp_342110.1;Name=6583c293-
f6fa-4452-87e6-077dd7214556
SM_V9_1 iris    exon    80230222        80230278        .       -
        .
Parent=Smp_342110.1;Name=bf03e2d5-3919-493a-8706-33ef4fefbe79
SM_V9_1 iris    exon    80239086        80239372        .       -
        .       Parent=Smp_342110.1;Name=7542b238-3b40-4816-
b110-18a292ceb8d6
SM_V9_1 iris    CDS     80223180        80223969        .       -
        1       Parent=Smp_342110.1
SM_V9_1 iris    CDS     80225113        80225489        .       -
        0       Parent=Smp_342110.1
SM_V9_1 iris    CDS     80228875        80228948        .       -
        2       Parent=Smp_342110.1
SM_V9_1 iris    CDS     80230222        80230278        .       -
        2       Parent=Smp_342110.1
SM_V9_1 iris    CDS     80239086        80239170        .       -
        0       Parent=Smp_342110.1
SM_V9_1 Liftoff gene    80250877        80272594        .       +
        .       ID=Smp_005390;geneID=Smp_005390
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SM_V9_1 Liftoff mRNA    80250877        80272594        .       +
        .
ID=Smp_005390.1;Parent=Smp_005390;geneID=Smp_005390;product=Acetolac
tate synthase-like
protein;polypeptide_domain=InterPro:IPR000399,IPR011766,IPR012000,IP
R012001,IPR029035,IPR029061
Pfam:PF00205,PF02775,PF02776;Ontology_term=GO:0000287,GO:0003824,GO:
0030976
SM_V9_1 Liftoff exon    80250877        80253462        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80253498        80253551        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80253583        80253760        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80255386        80255622        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80256978        80257089        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80260116        80260356        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80264400        80264523        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80265217        80265311        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80267092        80267258        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80270299        80270548        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff exon    80272071        80272594        .       +
        .       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80253379        80253462        .       +
        0       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80253498        80253551        .       +
        0       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80253583        80253760        .       +
        0       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80255386        80255622        .       +
        2       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80256978        80257089        .       +
        2       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80260116        80260356        .       +
        1       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80264400        80264523        .       +
        0       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80265217        80265311        .       +
        2       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80267092        80267258        .       +
        0       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80270299        80270548        .       +
        1       Parent=Smp_005390.1
SM_V9_1 Liftoff CDS     80272071        80272484        .       +
        0       Parent=Smp_005390.1
SM_V9_1 iris    gene    80278414        80284741        .       +
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ID=Smp_124980;geneID=Smp_124980;gene_name=Smp_124980;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    80278414        80284741        .       +
       .
ID=Smp_124980.1;Parent=Smp_124980;geneID=Smp_124980;gene_name=Smp_12
4980;owner=irisadmin@local.host;orig_id=Smp_124980.1;date_last_modif
ied=2022-07-18;Name=Smp_124980.1;product=Tumor necrosis factor
alpha-induced protein 8;date_creation=2022-07-18
SM_V9_1 iris    exon    80278414        80278446        .       +
       .       Parent=Smp_124980.1;Name=39e10c6c-ce69-4de6-958b-
ec225f12897a
SM_V9_1 iris    exon    80283469        80284741        .       +
       .       Parent=Smp_124980.1;Name=1bce3eab-
f29f-4233-84d8-7ea2adf3d775
SM_V9_1 iris    CDS     80283471        80284181        .       +
       0       Parent=Smp_124980.1
SM_V9_1 iris    gene    80333034        80409300        .       +
       .
ID=Smp_315710;geneID=Smp_315710;gene_name=Smp_315710;owner=irisadmin
@local.host;date_last_modified=2022-07-30;date_creation=2022-07-18
SM_V9_1 iris    mRNA    80333034        80409300        .       +
       .
ID=Smp_315710.1;Parent=Smp_315710;geneID=Smp_315710;gene_name=Smp_31
5710;owner=irisadmin@local.host;orig_id=Smp_315710.3;date_last_modif
ied=2022-07-30;Name=Smp_315710.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    80333034        80333084        .       +
       .       Parent=Smp_315710.1;Name=ffbb7be6-d724-4f80-a0c1-
ed016b70331c
SM_V9_1 iris    exon    80336424        80336581        .       +
       .       Parent=Smp_315710.1;Name=64902f0a-6bde-44e8-
ad5e-9a68d62bc50f
SM_V9_1 iris    exon    80339344        80339592        .       +
       .       Parent=Smp_315710.1;Name=4148f9d2-2364-4e59-b8dd-
e82c1cb0ff76
SM_V9_1 iris    exon    80343317        80343529        .       +
       .       Parent=Smp_315710.1;Name=112350a3-9b82-4a8a-
b1c2-9e3f268922e8
SM_V9_1 iris    exon    80345556        80345716        .       +
       .
Parent=Smp_315710.1;Name=1c1cb566-6737-483b-8b0a-9b6fbbcbf350
SM_V9_1 iris    exon    80348953        80349031        .       +
       .
Parent=Smp_315710.1;Name=48cfebce-1d64-4ea3-9eda-2e61c4b63936
SM_V9_1 iris    exon    80351452        80351529        .       +
       .       Parent=Smp_315710.1;Name=78177b7f-aba2-4eca-87e3-
c50db3ffe96b
SM_V9_1 iris    exon    80358136        80358184        .       +
       .
Parent=Smp_315710.1;Name=270b59b2-4a11-400c-9ec0-2e9b73d6120c
SM_V9_1 iris    exon    80361744        80362170        .       +
       .
Parent=Smp_315710.1;Name=f6ef3613-549f-47b2-9b19-5b7299aaf6ed
SM_V9_1 iris    exon    80364209        80364341        .       +
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        .       Parent=Smp_315710.1;Name=16148b63-8520-4f35-b37c-
a99f1262a321
SM_V9_1 iris    exon    80365653        80365740        .       +
        .       Parent=Smp_315710.1;Name=b3b7418c-
af2e-49c9-98ac-00320061ed33
SM_V9_1 iris    exon    80376747        80376806        .       +
        .       Parent=Smp_315710.1;Name=6e3a6a4f-978e-4da6-9910-
cc21019560af
SM_V9_1 iris    exon    80378907        80378921        .       +
        .       Parent=Smp_315710.1;Name=ecdb97c3-3022-4594-
b92f-92e98f08d80b
SM_V9_1 iris    exon    80392028        80392090        .       +
        .       Parent=Smp_315710.1;Name=45c87eb4-9951-48a4-8fe7-
edf96a819e56
SM_V9_1 iris    exon    80393974        80393995        .       +
        .       Parent=Smp_315710.1;Name=3958a6ba-
df27-45cd-8124-3cd7d061f3e9
SM_V9_1 iris    exon    80396325        80396356        .       +
        .       Parent=Smp_315710.1;Name=fff548b5-ef14-4e7a-a06d-
d7dd64d7bc4c
SM_V9_1 iris    exon    80407100        80409300        .       +
        .       Parent=Smp_315710.1;Name=e51c25fd-7c2b-452c-
b1ab-44548fe22011
SM_V9_1 iris    CDS     80333075        80333084        .       +
        0       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80336424        80336581        .       +
        2       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80339344        80339592        .       +
        0       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80343317        80343529        .       +
        0       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80345556        80345716        .       +
        0       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80348953        80349031        .       +
        1       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80351452        80351529        .       +
        0       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80358136        80358184        .       +
        0       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80361744        80362170        .       +
        2       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80364209        80364341        .       +
        1       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80365653        80365740        .       +
        0       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80376747        80376806        .       +
        2       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80378907        80378921        .       +
        2       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80392028        80392090        .       +
        2       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80393974        80393995        .       +
        2       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80396325        80396356        .       +
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        1       Parent=Smp_315710.1
SM_V9_1 iris    CDS     80407100        80407116        .       +
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SM_V9_1 iris    gene    80433031        80448553        .       -
        .
ID=Smp_143350;geneID=Smp_143350;gene_name=Smp_143350;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    80433031        80448553        .       -
        .
ID=Smp_143350.1;Parent=Smp_143350;geneID=Smp_143350;gene_name=Smp_14
3350;owner=irisadmin@local.host;orig_id=Smp_143350.1;date_last_modif
ied=2022-07-18;Name=Smp_143350.1;product=Transcription elongation
factor B polypeptide 3;date_creation=2022-07-18
SM_V9_1 iris    exon    80433031        80434870        .       -
        .       Parent=Smp_143350.1;Name=0b19f8ba-fc9e-4fb0-b9ec-
eb31b74b65d0
SM_V9_1 iris    exon    80438904        80439093        .       -
        .       Parent=Smp_143350.1;Name=6c2413c0-6418-4cb8-b10f-
a04ee352db5b
SM_V9_1 iris    exon    80441307        80441590        .       -
        .
Parent=Smp_143350.1;Name=87b768fa-1a30-4d91-87ee-5e897f357bed
SM_V9_1 iris    exon    80446749        80447556        .       -
        .       Parent=Smp_143350.1;Name=a55a864b-
ce04-43a8-8c9c-0856d71089ba
SM_V9_1 iris    exon    80448396        80448553        .       -
        .       Parent=Smp_143350.1;Name=1d89885d-f383-4c88-953e-
ea8419e5d277
SM_V9_1 iris    CDS     80434548        80434870        .       -
        2       Parent=Smp_143350.1
SM_V9_1 iris    CDS     80438904        80439093        .       -
        0       Parent=Smp_143350.1
SM_V9_1 iris    CDS     80441307        80441590        .       -
        2       Parent=Smp_143350.1
SM_V9_1 iris    CDS     80446749        80447556        .       -
        0       Parent=Smp_143350.1
SM_V9_1 iris    CDS     80448396        80448470        .       -
        0       Parent=Smp_143350.1
SM_V9_1 Liftoff gene    80459242        80459963        .       -
        .       ID=Smp_320350;geneID=Smp_320350
SM_V9_1 Liftoff mRNA    80459242        80459963        .       -
        .
ID=Smp_320350.1;Parent=Smp_320350;geneID=Smp_320350;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    80459242        80459963        .       -
        .       Parent=Smp_320350.1
SM_V9_1 Liftoff CDS     80459506        80459751        .       -
        0       Parent=Smp_320350.1
SM_V9_1 Liftoff gene    80517141        80554111        .       +
        .
ID=Smp_337350;geneID=Smp_337350;previous_systematic_id=Smp_143340,Sm
p_243350
SM_V9_1 Liftoff mRNA    80517141        80554111        .       +
        .
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ID=Smp_337350.1;Parent=Smp_337350;geneID=Smp_337350;product=Hypothet
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SM_V9_1 Liftoff exon    80517141        80518648        .       +
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SM_V9_1 Liftoff exon    80523492        80523688        .       +
        .       Parent=Smp_337350.1
SM_V9_1 Liftoff exon    80525967        80526271        .       +
        .       Parent=Smp_337350.1
SM_V9_1 Liftoff exon    80534607        80534759        .       +
        .       Parent=Smp_337350.1
SM_V9_1 Liftoff exon    80537558        80537615        .       +
        .       Parent=Smp_337350.1
SM_V9_1 Liftoff exon    80543845        80544469        .       +
        .       Parent=Smp_337350.1
SM_V9_1 Liftoff exon    80552900        80554111        .       +
        .       Parent=Smp_337350.1
SM_V9_1 Liftoff CDS     80517950        80518648        .       +
        0       Parent=Smp_337350.1
SM_V9_1 Liftoff CDS     80523492        80523688        .       +
        0       Parent=Smp_337350.1
SM_V9_1 Liftoff CDS     80525967        80526271        .       +
        1       Parent=Smp_337350.1
SM_V9_1 Liftoff CDS     80534607        80534759        .       +
        2       Parent=Smp_337350.1
SM_V9_1 Liftoff CDS     80537558        80537615        .       +
        2       Parent=Smp_337350.1
SM_V9_1 Liftoff CDS     80543845        80544469        .       +
        1       Parent=Smp_337350.1
SM_V9_1 Liftoff CDS     80552900        80553619        .       +
        0       Parent=Smp_337350.1
SM_V9_1 Liftoff gene    80562731        80581540        .       +
        .
ID=Smp_332700;geneID=Smp_332700;previous_systematic_id=Smp_143320,Sm
p_199460,Smp_241970
SM_V9_1 Liftoff mRNA    80562731        80581540        .       +
        .
ID=Smp_332700.1;Parent=Smp_332700;geneID=Smp_332700;product=Zinc
finger protein 239;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096,PF13912;Ontology_term=GO:0003676
SM_V9_1 Liftoff exon    80562731        80562839        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80562881        80562990        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80563026        80563149        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80566502        80566577        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80573396        80573805        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80574720        80575194        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80575491        80575728        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80576201        80576685        .       +
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        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80577979        80578313        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff exon    80579102        80581540        .       +
        .       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80562771        80562839        .       +
        0       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80562881        80562990        .       +
        0       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80563026        80563149        .       +
        1       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80566502        80566577        .       +
        0       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80573396        80573805        .       +
        2       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80574720        80575194        .       +
        0       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80575491        80575728        .       +
        2       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80576201        80576685        .       +
        1       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80577979        80578313        .       +
        2       Parent=Smp_332700.1
SM_V9_1 Liftoff CDS     80579102        80579860        .       +
        0       Parent=Smp_332700.1
SM_V9_1 Liftoff gene    80591662        80612907        .       -
        .       ID=Smp_143310;geneID=Smp_143310
SM_V9_1 Liftoff mRNA    80591662        80612907        .       -
        .
ID=Smp_143310.1;Parent=Smp_143310;geneID=Smp_143310;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    80591662        80594871        .       -
        .       Parent=Smp_143310.1
SM_V9_1 Liftoff exon    80599071        80612907        .       -
        .       Parent=Smp_143310.1
SM_V9_1 Liftoff CDS     80592856        80594871        .       -
        0       Parent=Smp_143310.1
SM_V9_1 Liftoff CDS     80599071        80599232        .       -
        0       Parent=Smp_143310.1
SM_V9_1 Liftoff gene    80617949        80649497        .       -
        .       ID=Smp_038870;geneID=Smp_038870
SM_V9_1 Liftoff mRNA    80617949        80649497        .       -
        .
ID=Smp_038870.1;Parent=Smp_038870;geneID=Smp_038870;product=NADH-
ubiquinone oxidoreductase 75 kDa subunit,
mitochondrial;polypeptide_domain=InterPro:IPR000283,IPR001041,IPR006
656,IPR006963,IPR010228,IPR012675,IPR015405,IPR019574
Pfam:PF00384,PF09326,PF10588,PF13510;Ontology_term=GO:0008137,GO:000
9055,GO:0016020,GO:0016491,GO:0016651,GO:0042773,GO:0051536,GO:00551
14
SM_V9_1 Liftoff exon    80617949        80618315        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80621236        80621552        .       -
        .       Parent=Smp_038870.1
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SM_V9_1 Liftoff exon    80622298        80622451        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80623337        80623492        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80625284        80625346        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80627254        80627449        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80633769        80634082        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80635667        80635952        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80637915        80637992        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80639973        80640037        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80641001        80641235        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80646798        80647035        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff exon    80649391        80649497        .       -
        .       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80618166        80618315        .       -
        0       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80621236        80621552        .       -
        2       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80622298        80622451        .       -
        0       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80623337        80623492        .       -
        0       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80625284        80625346        .       -
        0       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80627254        80627449        .       -
        1       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80633769        80634082        .       -
        0       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80635667        80635952        .       -
        1       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80637915        80637992        .       -
        1       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80639973        80640037        .       -
        0       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80641001        80641235        .       -
        1       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80646798        80647035        .       -
        2       Parent=Smp_038870.1
SM_V9_1 Liftoff CDS     80649391        80649442        .       -
        0       Parent=Smp_038870.1
SM_V9_1 iris    gene    80657911        80691834        .       +
        .
ID=Smp_143300;geneID=Smp_143300;gene_name=Smp_143300;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    80657911        80691834        .       +
        .
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ID=Smp_143300.1;Parent=Smp_143300;geneID=Smp_143300;gene_name=Smp_14
3300;owner=irisadmin@local.host;orig_id=Smp_143300.1;date_last_modif
ied=2022-08-01;Name=Smp_143300.1;product=Neurogenic locus notch
homolog protein 1;date_creation=2022-07-29
SM_V9_1 iris    exon    80657911        80660910        .       +
        .
Parent=Smp_143300.1;Name=2b8fe19f-2181-4736-9e82-8e88998b6a56
SM_V9_1 iris    exon    80676557        80676850        .       +
        .
Parent=Smp_143300.1;Name=5c6e2b08-570c-4aee-8eb4-85d939efbe54
SM_V9_1 iris    exon    80690492        80691834        .       +
        .       Parent=Smp_143300.1;Name=f9f7e087-7587-4f7e-aead-
d091c6686430
SM_V9_1 iris    CDS     80658037        80660910        .       +
        0       Parent=Smp_143300.1
SM_V9_1 iris    CDS     80676557        80676850        .       +
        0       Parent=Smp_143300.1
SM_V9_1 iris    CDS     80690492        80691040        .       +
        0       Parent=Smp_143300.1
SM_V9_1 Liftoff gene    80718499        80718753        .       +
        .       ID=Smp_201180;geneID=Smp_201180
SM_V9_1 Liftoff mRNA    80718499        80718753        .       +
        .
ID=Smp_201180.1;Parent=Smp_201180;geneID=Smp_201180;product=C4b-
binding protein
SM_V9_1 Liftoff exon    80718499        80718753        .       +
        .       Parent=Smp_201180.1
SM_V9_1 Liftoff CDS     80718499        80718753        .       +
        0       Parent=Smp_201180.1
SM_V9_1 iris    gene    80722358        80745051        .       -
        .
ID=Smp_038840;geneID=Smp_038840;gene_name=Smp_038840;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    80722358        80745051        .       -
        .
ID=Smp_038840.1;Parent=Smp_038840;geneID=Smp_038840;gene_name=Smp_03
8840;owner=irisadmin@local.host;date_last_modified=2022-09-05;Name=S
mp_038840.1;product=Solute carrier family 25 member
44;date_creation=2022-07-18
SM_V9_1 iris    exon    80722358        80723274        .       -
        .       Parent=Smp_038840.1;Name=964f0afb-c229-4048-ab84-
cec24bbdef48
SM_V9_1 iris    exon    80738796        80738980        .       -
        .       Parent=Smp_038840.1;Name=b7518564-99ec-457f-
b7d7-1eceaec34eac
SM_V9_1 iris    exon    80741482        80741901        .       -
        .       Parent=Smp_038840.1;Name=b6115faf-22c3-4d12-b8ee-
ee16abe6b6e2
SM_V9_1 iris    exon    80742873        80743189        .       -
        .       Parent=Smp_038840.1;Name=80352dfb-3110-41ba-a793-
a46cdec8a55a
SM_V9_1 iris    exon    80745027        80745051        .       -
        .       Parent=Smp_038840.1;Name=73a6c19e-1662-406b-
a114-5c5edb043956
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SM_V9_1 iris    CDS     80723197        80723274        .       -
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SM_V9_1 iris    CDS     80738796        80738980        .       -
        2       Parent=Smp_038840.1
SM_V9_1 iris    CDS     80741482        80741901        .       -
        2       Parent=Smp_038840.1
SM_V9_1 iris    CDS     80742873        80743134        .       -
        0       Parent=Smp_038840.1
SM_V9_1 iris    mRNA    80735522        80745051        .       -
        .
ID=Smp_038840.2;Parent=Smp_038840;geneID=Smp_038840;gene_name=Smp_03
8840;owner=irisadmin@local.host;orig_id=Smp_038840.1;date_last_modif
ied=2022-09-05;Name=Smp_038840.2;date_creation=2022-07-18
SM_V9_1 iris    exon    80735522        80735815        .       -
        .       Parent=Smp_038840.2;Name=59a98dde-0bf7-4a42-
bdc9-994e34397fc5
SM_V9_1 iris    exon    80738796        80738980        .       -
        .
Parent=Smp_038840.2;Name=aa4c5fca-471d-48b3-81df-7bd932d54b37
SM_V9_1 iris    exon    80741482        80741901        .       -
        .       Parent=Smp_038840.2;Name=cbe4d9d1-7cee-48ee-
a042-92ed03834a2e
SM_V9_1 iris    exon    80742873        80743189        .       -
        .       Parent=Smp_038840.2;Name=e92971a6-7175-423f-91b6-
b001093b0160
SM_V9_1 iris    exon    80745027        80745051        .       -
        .       Parent=Smp_038840.2;Name=aa0fa905-0920-4742-b2d2-
fe85e9155699
SM_V9_1 iris    CDS     80735624        80735815        .       -
        0       Parent=Smp_038840.2
SM_V9_1 iris    CDS     80738796        80738980        .       -
        2       Parent=Smp_038840.2
SM_V9_1 iris    CDS     80741482        80741901        .       -
        2       Parent=Smp_038840.2
SM_V9_1 iris    CDS     80742873        80743134        .       -
        0       Parent=Smp_038840.2
SM_V9_1 iris    gene    80754582        80781956        .       +
        .
ID=Smp_038830;geneID=Smp_038830;gene_name=Smp_038830;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    80754582        80781956        .       +
        .
ID=Smp_038830.1;Parent=Smp_038830;geneID=Smp_038830;gene_name=Smp_03
8830;owner=irisadmin@local.host;orig_id=Smp_038830.1;date_last_modif
ied=2022-07-18;Name=Smp_038830.1;product=Protein
ABHD17C;date_creation=2022-07-18
SM_V9_1 iris    exon    80754582        80754624        .       +
        .       Parent=Smp_038830.1;Name=b2b5fdfb-ffa5-47f2-
a2c6-5ef5a04672dc
SM_V9_1 iris    exon    80756597        80756868        .       +
        .       Parent=Smp_038830.1;Name=2db1d940-96cc-45e4-
ac3b-3a7c1d7d84a2
SM_V9_1 iris    exon    80758414        80758680        .       +
        .       Parent=Smp_038830.1;Name=b270b66e-9cc9-4749-9a1c-
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ce2d00bbe8e5
SM_V9_1 iris    exon    80763510        80763743        .       +
        .       Parent=Smp_038830.1;Name=e84ad30e-f1ee-4686-ac3a-
b5817efb5c17
SM_V9_1 iris    exon    80767415        80767509        .       +
        .       Parent=Smp_038830.1;Name=25c75997-f4f5-4763-
af37-1558d299fee3
SM_V9_1 iris    exon    80774992        80775683        .       +
        .       Parent=Smp_038830.1;Name=ef4b5c12-8609-480d-
aea6-250ca501d046
SM_V9_1 iris    exon    80780626        80781956        .       +
        .       Parent=Smp_038830.1;Name=21458359-b1f6-40a5-
a8c0-42e2a35a28ef
SM_V9_1 iris    CDS     80756662        80756868        .       +
        0       Parent=Smp_038830.1
SM_V9_1 iris    CDS     80758414        80758680        .       +
        0       Parent=Smp_038830.1
SM_V9_1 iris    CDS     80763510        80763743        .       +
        0       Parent=Smp_038830.1
SM_V9_1 iris    CDS     80767415        80767509        .       +
        0       Parent=Smp_038830.1
SM_V9_1 iris    CDS     80774992        80775637        .       +
        1       Parent=Smp_038830.1
SM_V9_1 iris    gene    80794253        80798749        .       +
        .
ID=Smp_038820;geneID=Smp_038820;gene_name=Smp_038820;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_1 iris    mRNA    80794253        80798749        .       +
        .
ID=Smp_038820.1;Parent=Smp_038820;geneID=Smp_038820;gene_name=Smp_03
8820;owner=irisadmin@local.host;orig_id=Smp_038820.2;date_last_modif
ied=2022-09-05;Name=Smp_038820.1;product=NADPH-dependent diflavin
oxidoreductase 1;date_creation=2022-09-05
SM_V9_1 iris    exon    80794253        80795172        .       +
        .       Parent=Smp_038820.1;Name=4cc9f526-133c-4524-
bdd1-2b5227a14cc5
SM_V9_1 iris    exon    80797414        80798749        .       +
        .       Parent=Smp_038820.1;Name=6699881b-66f3-4e55-
afbf-6b3ef543ec30
SM_V9_1 iris    CDS     80794258        80795172        .       +
        0       Parent=Smp_038820.1
SM_V9_1 iris    CDS     80797414        80798634        .       +
        0       Parent=Smp_038820.1
SM_V9_1 iris    gene    80800521        80812231        .       +
        .
ID=Smp_213120;geneID=Smp_213120;gene_name=Smp_213120;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_1 iris    mRNA    80800521        80812231        .       +
        .
ID=Smp_213120.1;Parent=Smp_213120;geneID=Smp_213120;gene_name=Smp_21
3120;owner=irisadmin@local.host;orig_id=Smp_213120.1;date_last_modif
ied=2022-07-31;Name=Smp_213120.1;product=Etoposide-induced protein
2.4 homolog;date_creation=2022-07-31
SM_V9_1 iris    exon    80800521        80800973        .       +
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        .       Parent=Smp_213120.1;Name=ad5251a8-70cd-41ac-894f-
cb1818de1c2a
SM_V9_1 iris    exon    80802452        80802506        .       +
        .       Parent=Smp_213120.1;Name=f995786f-44c5-4a27-ab40-
b9d919d94838
SM_V9_1 iris    exon    80804915        80805027        .       +
        .
Parent=Smp_213120.1;Name=b6cc430f-28a7-4555-8c4d-52cf7c7e4e82
SM_V9_1 iris    exon    80807321        80807527        .       +
        .       Parent=Smp_213120.1;Name=158cf422-645b-477a-ae43-
e30f588c76d7
SM_V9_1 iris    exon    80809305        80809422        .       +
        .       Parent=Smp_213120.1;Name=59ccd9e3-
c303-40ae-98ff-46c842b881ed
SM_V9_1 iris    exon    80810417        80812231        .       +
        .
Parent=Smp_213120.1;Name=ad7e9697-9a1b-444d-83bd-96625e526e69
SM_V9_1 iris    CDS     80800557        80800973        .       +
        0       Parent=Smp_213120.1
SM_V9_1 iris    CDS     80802452        80802506        .       +
        0       Parent=Smp_213120.1
SM_V9_1 iris    CDS     80804915        80805027        .       +
        2       Parent=Smp_213120.1
SM_V9_1 iris    CDS     80807321        80807527        .       +
        0       Parent=Smp_213120.1
SM_V9_1 iris    CDS     80809305        80809422        .       +
        0       Parent=Smp_213120.1
SM_V9_1 iris    CDS     80810417        80810787        .       +
        2       Parent=Smp_213120.1
SM_V9_1 Liftoff gene    80817525        80828967        .       -
        .       ID=Smp_320360;geneID=Smp_320360
SM_V9_1 Liftoff mRNA    80817525        80828967        .       -
        .
ID=Smp_320360.1;Parent=Smp_320360;geneID=Smp_320360;product=Secreted
Ly-6/uPAR-related protein 1
SM_V9_1 Liftoff exon    80817525        80817937        .       -
        .       Parent=Smp_320360.1
SM_V9_1 Liftoff exon    80819940        80820031        .       -
        .       Parent=Smp_320360.1
SM_V9_1 Liftoff exon    80828813        80828967        .       -
        .       Parent=Smp_320360.1
SM_V9_1 Liftoff CDS     80817713        80817937        .       -
        0       Parent=Smp_320360.1
SM_V9_1 Liftoff CDS     80819940        80820031        .       -
        2       Parent=Smp_320360.1
SM_V9_1 Liftoff CDS     80828813        80828870        .       -
        0       Parent=Smp_320360.1
SM_V9_1 iris    gene    80844818        80878791        .       -
        .
ID=Smp_143270;geneID=Smp_143270;gene_name=Smp_143270;owner=irisadmin
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SM_V9_1 iris    mRNA    80844818        80878791        .       -
        .
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3270;owner=irisadmin@local.host;orig_id=Smp_143270.1;date_last_modif
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subunit 2;date_creation=2022-07-18
SM_V9_1 iris    exon    80844818        80844973        .       -
        .       Parent=Smp_143270.1;Name=4f447a1b-
ebdf-46da-8f86-87d53b6ced29
SM_V9_1 iris    exon    80846855        80847070        .       -
        .       Parent=Smp_143270.1;Name=837a2b32-6ba2-4641-a696-
c567c565b271
SM_V9_1 iris    exon    80854019        80854094        .       -
        .
Parent=Smp_143270.1;Name=ed1124b5-842e-45d8-863d-39b643b68187
SM_V9_1 iris    exon    80878600        80878791        .       -
        .       Parent=Smp_143270.1;Name=09a465d9-444a-469a-
b739-6b6c3e5b6442
SM_V9_1 iris    CDS     80846856        80847070        .       -
        2       Parent=Smp_143270.1
SM_V9_1 iris    CDS     80854019        80854076        .       -
        0       Parent=Smp_143270.1
SM_V9_1 Liftoff gene    80908466        81086962        .       -
        .       ID=Smp_143260;geneID=Smp_143260
SM_V9_1 Liftoff mRNA    80908466        81041272        .       -
        .
ID=Smp_143260.2;Parent=Smp_143260;geneID=Smp_143260;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR007110,IP
R013783 Pfam:PF13895
SM_V9_1 Liftoff exon    80908466        80908897        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80911387        80911898        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80918565        80918859        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80920185        80920573        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80920622        80920753        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80925063        80925288        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80928190        80928369        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80930296        80930604        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80939684        80939792        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80944877        80945156        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80949577        80949750        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80952982        80953040        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80958957        80959263        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80962352        80962528        .       -
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        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80964861        80965169        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80969945        80970055        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80974881        80975135        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80989307        80989537        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    80990884        80991033        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    81002237        81002674        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff exon    81005482        81041272        .       -
        .       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80908733        80908897        .       -
        0       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80911387        80911898        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80918565        80918859        .       -
        0       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80920185        80920573        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80920622        80920753        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80925063        80925288        .       -
        0       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80928190        80928369        .       -
        0       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80930296        80930604        .       -
        0       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80939684        80939792        .       -
        1       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80944877        80945156        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80949577        80949750        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80952982        80953040        .       -
        1       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80958957        80959263        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80962352        80962528        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80964861        80965169        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80969945        80970055        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80974881        80975135        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80989307        80989537        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     80990884        80991033        .       -
        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     81002237        81002674        .       -
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        2       Parent=Smp_143260.2
SM_V9_1 Liftoff CDS     81005482        81005599        .       -
        0       Parent=Smp_143260.2
SM_V9_1 Liftoff mRNA    80908466        81086962        .       -
        .
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ical
protein;polypeptide_domain=InterPro:IPR001611,IPR003598,IPR003599,IP
R007110,IPR013783 Pfam:PF13895;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    80908466        80908897        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80911387        80911898        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80918565        80918859        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80920185        80920753        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80925063        80925288        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80928190        80928369        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80930296        80930604        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80939684        80939792        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80944877        80945156        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80949577        80949750        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80952982        80953040        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80958957        80959263        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80962352        80962528        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80964861        80965169        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80969945        80970055        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80974881        80975135        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80989307        80989537        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    80990884        80991033        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    81002237        81002674        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff exon    81005482        81086962        .       -
        .       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80908733        80908897        .       -
        0       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80911387        80911898        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80918565        80918859        .       -
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        0       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80920185        80920753        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80925063        80925288        .       -
        0       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80928190        80928369        .       -
        0       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80930296        80930604        .       -
        0       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80939684        80939792        .       -
        1       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80944877        80945156        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80949577        80949750        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80952982        80953040        .       -
        1       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80958957        80959263        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80962352        80962528        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80964861        80965169        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80969945        80970055        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80974881        80975135        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80989307        80989537        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     80990884        80991033        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     81002237        81002674        .       -
        2       Parent=Smp_143260.1
SM_V9_1 Liftoff CDS     81005482        81005599        .       -
        0       Parent=Smp_143260.1
SM_V9_1 iris    gene    81144686        81169457        .       +
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
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        .
ID=Smp_168890.1;Parent=Smp_168890;geneID=Smp_168890;gene_name=Smp_16
8890;owner=irisadmin@local.host;orig_id=Smp_168890.1;date_last_modif
ied=2022-07-18;Name=Smp_168890.1;product=Bromodomain-containing
protein 9;date_creation=2022-07-18
SM_V9_1 iris    exon    81144686        81144854        .       +
        .       Parent=Smp_168890.1;Name=d62a9aa2-
ba12-4b46-88e0-57f6a8e316d6
SM_V9_1 iris    exon    81145527        81145666        .       +
        .       Parent=Smp_168890.1;Name=66ad81ee-
bfa6-4839-8a19-2cbed5bedf7f
SM_V9_1 iris    exon    81153527        81153688        .       +
        .       Parent=Smp_168890.1;Name=41c60da8-2c64-4b33-9021-
b44eb79a2811
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SM_V9_1 iris    exon    81155089        81155496        .       +
        .       Parent=Smp_168890.1;Name=0fd0f91c-
e5f7-48f6-85e7-6bf181b5c337
SM_V9_1 iris    exon    81157445        81157508        .       +
        .
Parent=Smp_168890.1;Name=a6b79aa3-787e-46cc-9049-588ceb7554b4
SM_V9_1 iris    exon    81158035        81158885        .       +
        .
Parent=Smp_168890.1;Name=8b628121-29f4-4b39-8f90-8f495fcafe6c
SM_V9_1 iris    exon    81160855        81161083        .       +
        .       Parent=Smp_168890.1;Name=543984be-b54a-4f62-a374-
fc6d0f41746c
SM_V9_1 iris    exon    81161456        81161552        .       +
        .       Parent=Smp_168890.1;Name=e9343e1c-aef8-45aa-
bb09-0e06e6f83105
SM_V9_1 iris    exon    81164782        81165046        .       +
        .       Parent=Smp_168890.1;Name=09a4cf7f-427a-4d1c-aa2d-
fb3fe8f09133
SM_V9_1 iris    exon    81167718        81169457        .       +
        .       Parent=Smp_168890.1;Name=dc85deff-8bd9-4559-bc37-
b5a39147af3a
SM_V9_1 iris    CDS     81144737        81144854        .       +
        0       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81145527        81145666        .       +
        2       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81153527        81153688        .       +
        0       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81155089        81155496        .       +
        0       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81157445        81157508        .       +
        0       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81158035        81158885        .       +
        2       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81160855        81161083        .       +
        0       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81161456        81161552        .       +
        2       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81164782        81165046        .       +
        1       Parent=Smp_168890.1
SM_V9_1 iris    CDS     81167718        81168872        .       +
        0       Parent=Smp_168890.1
SM_V9_1 iris    gene    81180556        81205567        .       +
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    81180556        81205567        .       +
        .
ID=Smp_085910.1;Parent=Smp_085910;geneID=Smp_085910;gene_name=Smp_08
5910;owner=irisadmin@local.host;orig_id=Smp_085910.1;date_last_modif
ied=2022-07-18;Name=Smp_085910.1;product=smad family member
2;date_creation=2022-07-18
SM_V9_1 iris    exon    81180556        81181000        .       +
        .       Parent=Smp_085910.1;Name=cb087579-c68b-4e6e-9ea9-
afb8b6b739ff
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SM_V9_1 iris    exon    81186067        81186238        .       +
        .       Parent=Smp_085910.1;Name=f48e564b-9df4-4dc9-be31-
af4a13c3972a
SM_V9_1 iris    exon    81190453        81190928        .       +
        .       Parent=Smp_085910.1;Name=0b03ace5-e602-4a45-81a4-
fb55cd0ec36a
SM_V9_1 iris    exon    81192944        81193119        .       +
        .
Parent=Smp_085910.1;Name=dfdada85-69bd-421d-8920-5985eb214d36
SM_V9_1 iris    exon    81195285        81195535        .       +
        .
Parent=Smp_085910.1;Name=af1449bb-662c-43c7-800b-286873124c5c
SM_V9_1 iris    exon    81199625        81199870        .       +
        .       Parent=Smp_085910.1;Name=0fe63fc3-639a-4ea0-
bee0-615acd30bdbc
SM_V9_1 iris    exon    81202700        81202982        .       +
        .
Parent=Smp_085910.1;Name=64f740ef-2583-4b90-9142-08967d469a8c
SM_V9_1 iris    exon    81203894        81205567        .       +
        .
Parent=Smp_085910.1;Name=a9032320-2a3d-4e0f-9ed0-1c476dfb88f6
SM_V9_1 iris    CDS     81180779        81181000        .       +
        0       Parent=Smp_085910.1
SM_V9_1 iris    CDS     81186067        81186238        .       +
        0       Parent=Smp_085910.1
SM_V9_1 iris    CDS     81190453        81190928        .       +
        2       Parent=Smp_085910.1
SM_V9_1 iris    CDS     81192944        81193119        .       +
        0       Parent=Smp_085910.1
SM_V9_1 iris    CDS     81195285        81195535        .       +
        1       Parent=Smp_085910.1
SM_V9_1 iris    CDS     81199625        81199870        .       +
        2       Parent=Smp_085910.1
SM_V9_1 iris    CDS     81202700        81202982        .       +
        2       Parent=Smp_085910.1
SM_V9_1 iris    CDS     81203894        81204017        .       +
        1       Parent=Smp_085910.1
SM_V9_1 iris    gene    81265800        81401171        .       -
        .
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@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_1 iris    mRNA    81265800        81401171        .       -
        .
ID=Smp_332710.1;Parent=Smp_332710;geneID=Smp_332710;gene_name=Smp_33
2710;owner=irisadmin@local.host;orig_id=Smp_332710.1;date_last_modif
ied=2022-08-03;Name=Smp_332710.1;product=Potassium/sodium
hyperpolarization-activated cyclic nucleotide-gated channel
4;date_creation=2022-08-03
SM_V9_1 iris    exon    81265800        81266742        .       -
        .       Parent=Smp_332710.1;Name=14a720d4-90ff-430a-
a186-7f45dccdd7bf
SM_V9_1 iris    exon    81269858        81270099        .       -
        .       Parent=Smp_332710.1;Name=9d05d9be-27b0-4e23-9560-
a11db411639c
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SM_V9_1 iris    exon    81271712        81271955        .       -
        .       Parent=Smp_332710.1;Name=bc81c910-44a3-41b1-
b5ef-8db91fb4b6e8
SM_V9_1 iris    exon    81276116        81276262        .       -
        .       Parent=Smp_332710.1;Name=55af8261-af15-4f48-88f2-
c11d40838fbd
SM_V9_1 iris    exon    81279040        81279258        .       -
        .       Parent=Smp_332710.1;Name=8f499036-6507-4bd1-8ece-
afe41544833e
SM_V9_1 iris    exon    81283833        81283982        .       -
        .       Parent=Smp_332710.1;Name=3372ad2f-
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SM_V9_1 iris    exon    81305824        81305921        .       -
        .
Parent=Smp_332710.1;Name=2a0c01f5-50bf-474c-8132-902b4faf8c39
SM_V9_1 iris    exon    81307428        81307595        .       -
        .       Parent=Smp_332710.1;Name=585d71a6-605f-4d5c-
a412-1c5ee83b429e
SM_V9_1 iris    exon    81316032        81316195        .       -
        .       Parent=Smp_332710.1;Name=c04afd8f-f282-4257-8a1b-
f774da5cea50
SM_V9_1 iris    exon    81399455        81401171        .       -
        .       Parent=Smp_332710.1;Name=888652d6-dc70-4908-
a42e-32327aa626d0
SM_V9_1 iris    CDS     81266131        81266742        .       -
        0       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81269858        81270099        .       -
        2       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81271712        81271955        .       -
        0       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81276116        81276262        .       -
        0       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81279040        81279258        .       -
        0       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81283833        81283982        .       -
        0       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81305824        81305921        .       -
        2       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81307428        81307595        .       -
        2       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81316032        81316195        .       -
        1       Parent=Smp_332710.1
SM_V9_1 iris    CDS     81399455        81401025        .       -
        0       Parent=Smp_332710.1
SM_V9_1 Liftoff gene    81416085        81431485        .       -
        .       ID=Smp_037290;geneID=Smp_037290
SM_V9_1 Liftoff mRNA    81416085        81431485        .       -
        .
ID=Smp_037290.1;Parent=Smp_037290;geneID=Smp_037290;product=Predicte
d actin-bundling protein-like protein;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR008999,IPR010414
Pfam:PF06229
SM_V9_1 Liftoff exon    81416085        81416280        .       -
        .       Parent=Smp_037290.1
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SM_V9_1 Liftoff exon    81419245        81419355        .       -
        .       Parent=Smp_037290.1
SM_V9_1 Liftoff exon    81421023        81421114        .       -
        .       Parent=Smp_037290.1
SM_V9_1 Liftoff exon    81421801        81422011        .       -
        .       Parent=Smp_037290.1
SM_V9_1 Liftoff exon    81423497        81431485        .       -
        .       Parent=Smp_037290.1
SM_V9_1 Liftoff CDS     81416244        81416280        .       -
        1       Parent=Smp_037290.1
SM_V9_1 Liftoff CDS     81419245        81419355        .       -
        1       Parent=Smp_037290.1
SM_V9_1 Liftoff CDS     81421023        81421114        .       -
        0       Parent=Smp_037290.1
SM_V9_1 Liftoff CDS     81421801        81422011        .       -
        1       Parent=Smp_037290.1
SM_V9_1 Liftoff CDS     81423497        81423912        .       -
        0       Parent=Smp_037290.1
SM_V9_1 iris    gene    81438138        81486295        .       -
        .
ID=Smp_142270;geneID=Smp_142270;gene_name=Smp_142270;owner=irisadmin
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SM_V9_1 iris    mRNA    81438138        81472012        .       -
        .
ID=Smp_142270.2;Parent=Smp_142270;geneID=Smp_142270;gene_name=Smp_14
2270;owner=irisadmin@local.host;orig_id=Smp_142270.2;date_last_modif
ied=2022-07-18;Name=Smp_142270.2;product=Transcription factor
4;date_creation=2022-07-18
SM_V9_1 iris    exon    81438138        81439415        .       -
        .       Parent=Smp_142270.2;Name=bdee3587-1fad-4e58-b92f-
fba5805138cc
SM_V9_1 iris    exon    81441479        81441757        .       -
        .       Parent=Smp_142270.2;Name=580223ba-1be4-4533-88c7-
f317d90b266f
SM_V9_1 iris    exon    81446213        81446358        .       -
        .       Parent=Smp_142270.2;Name=1bf8c663-3ce0-40ee-85cc-
b1939ff20d8a
SM_V9_1 iris    exon    81448490        81448943        .       -
        .       Parent=Smp_142270.2;Name=270986d0-982f-44e3-
b960-5cd449be2cd3
SM_V9_1 iris    exon    81449707        81449812        .       -
        .       Parent=Smp_142270.2;Name=3e47a873-b01b-4e51-
a78c-7d0af53bcaec
SM_V9_1 iris    exon    81451250        81451392        .       -
        .       Parent=Smp_142270.2;Name=d8aefa90-6fd5-4e0a-94ca-
f5ea0769c74b
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ff18f9a4d03b
SM_V9_1 iris    exon    81456025        81456275        .       -
        .       Parent=Smp_142270.2;Name=1a9b7d1d-e010-4d94-
bec6-66679b74c363
SM_V9_1 iris    exon    81459048        81459534        .       -
        .       Parent=Smp_142270.2;Name=4294b7c4-2310-48d2-ba39-
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bdb2cb1b4e14
SM_V9_1 iris    exon    81471204        81472012        .       -
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SM_V9_1 iris    CDS     81438901        81439415        .       -
        2       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81441479        81441757        .       -
        2       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81446213        81446358        .       -
        1       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81448490        81448943        .       -
        2       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81449707        81449812        .       -
        0       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81451250        81451392        .       -
        2       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81454179        81454305        .       -
        0       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81456025        81456275        .       -
        2       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81459048        81459534        .       -
        0       Parent=Smp_142270.2
SM_V9_1 iris    CDS     81471204        81471611        .       -
        0       Parent=Smp_142270.2
SM_V9_1 iris    mRNA    81438138        81486295        .       -
        .
ID=Smp_142270.1;Parent=Smp_142270;geneID=Smp_142270;gene_name=Smp_14
2270;owner=irisadmin@local.host;orig_id=Smp_142270.1;date_last_modif
ied=2022-07-18;Name=Smp_142270.1;product=Transcription factor
4;date_creation=2022-07-18
SM_V9_1 iris    exon    81438138        81439415        .       -
        .       Parent=Smp_142270.1;Name=95a91b54-84a0-4d88-9485-
b62cbfab410f
SM_V9_1 iris    exon    81441479        81441757        .       -
        .
Parent=Smp_142270.1;Name=a7cce894-3119-4682-8ff7-4e3e74716d52
SM_V9_1 iris    exon    81445821        81445966        .       -
        .       Parent=Smp_142270.1;Name=ab06f8e1-
a9fd-4125-8425-7be8d617c79c
SM_V9_1 iris    exon    81448490        81448943        .       -
        .       Parent=Smp_142270.1;Name=afeeb11e-b290-4b7f-a459-
d84279d9c85a
SM_V9_1 iris    exon    81449707        81449812        .       -
        .
Parent=Smp_142270.1;Name=320d1aed-65b1-4c64-82b4-0f94238d0192
SM_V9_1 iris    exon    81451250        81451392        .       -
        .       Parent=Smp_142270.1;Name=ee0906a7-25b3-42e4-b902-
a1d0845818a4
SM_V9_1 iris    exon    81454179        81454305        .       -
        .
Parent=Smp_142270.1;Name=3902f954-55d3-415d-8131-711537e64f23
SM_V9_1 iris    exon    81456025        81456275        .       -
        .       Parent=Smp_142270.1;Name=0e8e0924-e89f-4938-
bfce-5a42a7348f27
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SM_V9_1 iris    exon    81459048        81459534        .       -
        .       Parent=Smp_142270.1;Name=cc28f3e6-5623-4c05-a77e-
a0cb1c44e996
SM_V9_1 iris    exon    81476516        81476586        .       -
        .       Parent=Smp_142270.1;Name=04e0688d-a5f2-432d-b6e8-
f842c8f8ab31
SM_V9_1 iris    exon    81480033        81480198        .       -
        .       Parent=Smp_142270.1;Name=d39d896c-
fd11-447f-899c-94d6b22bbb19
SM_V9_1 iris    exon    81481478        81481500        .       -
        .       Parent=Smp_142270.1;Name=300890df-deaa-4c58-
b43c-38d0c86c15bf
SM_V9_1 iris    exon    81482366        81482613        .       -
        .       Parent=Smp_142270.1;Name=63862e92-e26b-4b47-
a4e2-20c4bcc75179
SM_V9_1 iris    exon    81486212        81486295        .       -
        .       Parent=Smp_142270.1;Name=5d34cf28-464b-498c-
a248-2b466ee61e92
SM_V9_1 iris    CDS     81438901        81439415        .       -
        2       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81441479        81441757        .       -
        2       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81445821        81445966        .       -
        1       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81448490        81448943        .       -
        2       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81449707        81449812        .       -
        0       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81451250        81451392        .       -
        2       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81454179        81454305        .       -
        0       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81456025        81456275        .       -
        2       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81459048        81459534        .       -
        0       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81476516        81476586        .       -
        2       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81480033        81480198        .       -
        0       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81481478        81481500        .       -
        2       Parent=Smp_142270.1
SM_V9_1 iris    CDS     81482366        81482585        .       -
        0       Parent=Smp_142270.1
SM_V9_1 Liftoff gene    81501789        81531265        .       +
        .       ID=Smp_142250;geneID=Smp_142250
SM_V9_1 Liftoff mRNA    81501789        81531265        .       +
        .
ID=Smp_142250.1;Parent=Smp_142250;geneID=Smp_142250;product=Suppress
or of cytokine signaling
7;polypeptide_domain=InterPro:IPR000980,IPR001496
Pfam:PF00017,PF07525;Ontology_term=GO:0035556
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        .       Parent=Smp_142250.1
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SM_V9_1 Liftoff exon    81506721        81507365        .       +
        .       Parent=Smp_142250.1
SM_V9_1 Liftoff exon    81509337        81509501        .       +
        .       Parent=Smp_142250.1
SM_V9_1 Liftoff exon    81515290        81515458        .       +
        .       Parent=Smp_142250.1
SM_V9_1 Liftoff exon    81519746        81519921        .       +
        .       Parent=Smp_142250.1
SM_V9_1 Liftoff exon    81529223        81531265        .       +
        .       Parent=Smp_142250.1
SM_V9_1 Liftoff CDS     81501917        81503416        .       +
        0       Parent=Smp_142250.1
SM_V9_1 Liftoff CDS     81506721        81507365        .       +
        0       Parent=Smp_142250.1
SM_V9_1 Liftoff CDS     81509337        81509501        .       +
        0       Parent=Smp_142250.1
SM_V9_1 Liftoff CDS     81515290        81515458        .       +
        0       Parent=Smp_142250.1
SM_V9_1 Liftoff CDS     81519746        81519921        .       +
        2       Parent=Smp_142250.1
SM_V9_1 Liftoff CDS     81529223        81529576        .       +
        0       Parent=Smp_142250.1
SM_V9_1 Liftoff gene    81565839        81650348        .       +
        .
ID=Smp_332720;geneID=Smp_332720;previous_systematic_id=Smp_142240,Sm
p_155350
SM_V9_1 Liftoff mRNA    81565839        81650348        .       +
        .
ID=Smp_332720.1;Parent=Smp_332720;geneID=Smp_332720;product=Coiled-
coil domain-containing protein 191
SM_V9_1 Liftoff exon    81565839        81572608        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81572655        81572721        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81572762        81572928        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81575768        81576016        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81577478        81577590        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81623474        81623630        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81625808        81625995        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81629513        81629600        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81631344        81631538        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81634679        81634864        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81636289        81636392        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81638096        81638208        .       +
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SM_V9_1 Liftoff exon    81640898        81640980        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81642888        81643066        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81646273        81646340        .       +
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SM_V9_1 Liftoff exon    81647903        81647949        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81648383        81648537        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff exon    81650153        81650348        .       +
        .       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81572546        81572608        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81572655        81572721        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81572762        81572928        .       +
        2       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81575768        81576016        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81577478        81577590        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81623474        81623630        .       +
        1       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81625808        81625995        .       +
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SM_V9_1 Liftoff CDS     81629513        81629600        .       +
        1       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81631344        81631538        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81634679        81634864        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81636289        81636392        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81638096        81638208        .       +
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SM_V9_1 Liftoff CDS     81640898        81640980        .       +
        2       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81642888        81643066        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81646273        81646340        .       +
        1       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81647903        81647949        .       +
        2       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81648383        81648537        .       +
        0       Parent=Smp_332720.1
SM_V9_1 Liftoff CDS     81650153        81650312        .       +
        1       Parent=Smp_332720.1
SM_V9_1 Liftoff gene    81578887        81579057        .       +
        .       ID=Smp_185560;geneID=Smp_185560
SM_V9_1 Liftoff mRNA    81578887        81579057        .       +
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linoleate 9S-lipoxygenase 5
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SM_V9_1 Liftoff CDS     81578887        81579057        .       +
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SM_V9_1 Liftoff gene    81686269        81732636        .       +
        .       ID=Smp_155340;geneID=Smp_155340
SM_V9_1 Liftoff mRNA    81686269        81732636        .       +
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receptor;evidence=Traceable Author
Statement;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000539,IPR017981,IPR020
067
Pfam:PF01392,PF01534;Ontology_term=GO:0004888,GO:0005515,GO:0007166,
GO:0016020,GO:0016021
SM_V9_1 Liftoff exon    81686269        81702728        .       +
        .       Parent=Smp_155340.1
SM_V9_1 Liftoff exon    81718711        81719343        .       +
        .       Parent=Smp_155340.1
SM_V9_1 Liftoff exon    81724157        81724852        .       +
        .       Parent=Smp_155340.1
SM_V9_1 Liftoff exon    81726941        81728613        .       +
        .       Parent=Smp_155340.1
SM_V9_1 Liftoff exon    81732133        81732636        .       +
        .       Parent=Smp_155340.1
SM_V9_1 Liftoff CDS     81702231        81702728        .       +
        0       Parent=Smp_155340.1
SM_V9_1 Liftoff CDS     81718711        81719343        .       +
        0       Parent=Smp_155340.1
SM_V9_1 Liftoff CDS     81724157        81724852        .       +
        0       Parent=Smp_155340.1
SM_V9_1 Liftoff CDS     81726941        81728613        .       +
        0       Parent=Smp_155340.1
SM_V9_1 Liftoff CDS     81732133        81732154        .       +
        1       Parent=Smp_155340.1
SM_V9_1 Liftoff gene    81767786        81824001        .       -
        .       ID=Smp_155330;geneID=Smp_155330
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dependent kinase
14;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0174
41 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
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SM_V9_1 Liftoff exon    81771018        81773008        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81775641        81776025        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81777934        81778027        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81778964        81779208        .       -
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SM_V9_1 Liftoff exon    81782984        81783046        .       -
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SM_V9_1 Liftoff exon    81788074        81788168        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81792830        81792909        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81802636        81803005        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81804247        81804428        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81809380        81810022        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81813686        81814247        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81823601        81823629        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81823667        81823738        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff exon    81823845        81824001        .       -
        .       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81768594        81769760        .       -
        0       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81771018        81773008        .       -
        2       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81775641        81776025        .       -
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SM_V9_1 Liftoff CDS     81777934        81778027        .       -
        1       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81778964        81779208        .       -
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SM_V9_1 Liftoff CDS     81782984        81783046        .       -
        0       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81788074        81788168        .       -
        2       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81792830        81792909        .       -
        1       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81802636        81803005        .       -
        2       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81804247        81804428        .       -
        1       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81809380        81810022        .       -
        2       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81813686        81814247        .       -
        0       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81823601        81823629        .       -
        2       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81823667        81823738        .       -
        2       Parent=Smp_155330.1
SM_V9_1 Liftoff CDS     81823845        81823938        .       -
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SM_V9_1 Liftoff gene    81835806        81864351        .       -
        .       ID=Smp_155320;geneID=Smp_155320
SM_V9_1 Liftoff mRNA    81835806        81864351        .       -
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ID=Smp_155320.1;Parent=Smp_155320;geneID=Smp_155320;product=Tetraspa
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nin-5;polypeptide_domain=InterPro:IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
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SM_V9_1 Liftoff exon    81837992        81838378        .       -
        .       Parent=Smp_155320.1
SM_V9_1 Liftoff exon    81842681        81842861        .       -
        .       Parent=Smp_155320.1
SM_V9_1 Liftoff exon    81863764        81864351        .       -
        .       Parent=Smp_155320.1
SM_V9_1 Liftoff CDS     81836185        81836321        .       -
        2       Parent=Smp_155320.1
SM_V9_1 Liftoff CDS     81837992        81838378        .       -
        2       Parent=Smp_155320.1
SM_V9_1 Liftoff CDS     81842681        81842861        .       -
        0       Parent=Smp_155320.1
SM_V9_1 Liftoff CDS     81863764        81864078        .       -
        0       Parent=Smp_155320.1
SM_V9_1 Liftoff gene    81887072        81913291        .       -
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SM_V9_1 Liftoff mRNA    81887072        81913291        .       -
        .
ID=Smp_155310.1;Parent=Smp_155310;geneID=Smp_155310;product=Tetraspa
nin-6;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
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SM_V9_1 Liftoff exon    81887072        81887389        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff exon    81892893        81893080        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff exon    81895454        81895541        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff exon    81897339        81897443        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff exon    81899422        81899496        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff exon    81903430        81903533        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff exon    81906297        81906462        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff exon    81909027        81913291        .       -
        .       Parent=Smp_155310.1
SM_V9_1 Liftoff CDS     81887339        81887389        .       -
        0       Parent=Smp_155310.1
SM_V9_1 Liftoff CDS     81892893        81893080        .       -
        2       Parent=Smp_155310.1
SM_V9_1 Liftoff CDS     81895454        81895541        .       -
        0       Parent=Smp_155310.1
SM_V9_1 Liftoff CDS     81897339        81897443        .       -
        0       Parent=Smp_155310.1
SM_V9_1 Liftoff CDS     81899422        81899496        .       -
        0       Parent=Smp_155310.1
SM_V9_1 Liftoff CDS     81903430        81903533        .       -
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SM_V9_1 Liftoff CDS     81906297        81906462        .       -
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        0       Parent=Smp_155310.1
SM_V9_1 Liftoff CDS     81909027        81909080        .       -
        0       Parent=Smp_155310.1
SM_V9_1 iris    gene    81936435        81955254        .       +
        .
ID=Smp_061680;geneID=Smp_061680;gene_name=Smp_061680;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    81936435        81955254        .       +
        .
ID=Smp_061680.1;Parent=Smp_061680;geneID=Smp_061680;gene_name=Smp_06
1680;owner=irisadmin@local.host;orig_id=Smp_061680.1;date_last_modif
ied=2022-07-18;Name=Smp_061680.1;product=RUN and SH3 domain-
containing protein 1;date_creation=2022-07-18
SM_V9_1 iris    exon    81936435        81936552        .       +
        .       Parent=Smp_061680.1;Name=88532680-fd06-4fe9-
b8c8-9407af375394
SM_V9_1 iris    exon    81938988        81941704        .       +
        .       Parent=Smp_061680.1;Name=e405129f-6f97-41b5-
ba25-804d064ea81f
SM_V9_1 iris    exon    81942625        81942967        .       +
        .       Parent=Smp_061680.1;Name=c514e9ca-9c0a-4c6e-826b-
b545f70d4380
SM_V9_1 iris    exon    81945396        81945530        .       +
        .       Parent=Smp_061680.1;Name=aeec47ed-e152-475e-baaf-
c975631c0e07
SM_V9_1 iris    exon    81946149        81946442        .       +
        .
Parent=Smp_061680.1;Name=40119dde-5a55-4676-9552-6cc46c026392
SM_V9_1 iris    exon    81947973        81948093        .       +
        .       Parent=Smp_061680.1;Name=4c8b40ea-c8d8-4d90-
ba48-2d3cf6bf0083
SM_V9_1 iris    exon    81949138        81949465        .       +
        .       Parent=Smp_061680.1;Name=86c497c3-e98c-4858-bcf4-
ab904402b4f0
SM_V9_1 iris    exon    81951787        81955254        .       +
        .
Parent=Smp_061680.1;Name=4488ce3f-1904-4443-8f54-4214099ba486
SM_V9_1 iris    CDS     81939023        81941704        .       +
        0       Parent=Smp_061680.1
SM_V9_1 iris    CDS     81942625        81942967        .       +
        0       Parent=Smp_061680.1
SM_V9_1 iris    CDS     81945396        81945530        .       +
        2       Parent=Smp_061680.1
SM_V9_1 iris    CDS     81946149        81946442        .       +
        2       Parent=Smp_061680.1
SM_V9_1 iris    CDS     81947973        81948093        .       +
        2       Parent=Smp_061680.1
SM_V9_1 iris    CDS     81949138        81949465        .       +
        1       Parent=Smp_061680.1
SM_V9_1 iris    CDS     81951787        81952509        .       +
        0       Parent=Smp_061680.1
SM_V9_1 iris    gene    81963344        82022745        .       +
        .
ID=Smp_211150;geneID=Smp_211150;gene_name=Smp_211150;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    81963344        82022745        .       +
       .
ID=Smp_211150.1;Parent=Smp_211150;geneID=Smp_211150;gene_name=Smp_21
1150;owner=irisadmin@local.host;orig_id=Smp_211150.1;date_last_modif
ied=2022-08-01;Name=Smp_211150.1;product=MAGUK p55 subfamily member
6;date_creation=2022-07-29
SM_V9_1 iris    exon    81963344        81963502        .       +
       .
Parent=Smp_211150.1;Name=986c19ea-5a39-48cc-8f11-702776986dd1
SM_V9_1 iris    exon    81973892        81974052        .       +
       .       Parent=Smp_211150.1;Name=80be058b-7157-48a4-b0ac-
beef5da6c32e
SM_V9_1 iris    exon    81975159        81975356        .       +
       .       Parent=Smp_211150.1;Name=03a8c88e-c487-41e0-
bc1e-28dfba50d103
SM_V9_1 iris    exon    81975996        81976076        .       +
       .
Parent=Smp_211150.1;Name=cadb2c0a-9644-4b96-8d66-6bf489de6c6d
SM_V9_1 iris    exon    81976162        81976743        .       +
       .       Parent=Smp_211150.1;Name=d0162262-826a-416a-9f48-
b5457968942a
SM_V9_1 iris    exon    81979199        81979769        .       +
       .       Parent=Smp_211150.1;Name=860739ed-8274-43cb-ae76-
c29375074b91
SM_V9_1 iris    exon    81993092        81993276        .       +
       .       Parent=Smp_211150.1;Name=46cae266-9a09-4a0b-896e-
a058ad4b5564
SM_V9_1 iris    exon    81996878        81997009        .       +
       .       Parent=Smp_211150.1;Name=1b402705-510b-41b0-
af13-9ba1a3331d9c
SM_V9_1 iris    exon    82004768        82004864        .       +
       .
Parent=Smp_211150.1;Name=177c0dc4-5496-41b5-9fdb-5c477efd8d6f
SM_V9_1 iris    exon    82005530        82005592        .       +
       .       Parent=Smp_211150.1;Name=53d5eeac-53cb-4746-
ba2f-838e38cdc960
SM_V9_1 iris    exon    82007218        82007382        .       +
       .       Parent=Smp_211150.1;Name=67359575-
ce83-497d-8669-503b7ea5241d
SM_V9_1 iris    exon    82008133        82008323        .       +
       .       Parent=Smp_211150.1;Name=80bfb2e6-6a78-4ab3-
a3a7-44f83f64188a
SM_V9_1 iris    exon    82009980        82010108        .       +
       .       Parent=Smp_211150.1;Name=53b3e70f-
de94-4e9e-8435-5a7ba6feed8a
SM_V9_1 iris    exon    82012174        82012372        .       +
       .       Parent=Smp_211150.1;Name=f7a41874-dd45-4d07-838a-
d95f85a79ee5
SM_V9_1 iris    exon    82014072        82014505        .       +
       .       Parent=Smp_211150.1;Name=3baf5dec-
c6ef-482e-8364-3fe891b1bd4c
SM_V9_1 iris    exon    82021681        82022745        .       +
       .
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Parent=Smp_211150.1;Name=424515bf-8137-44fb-8a3b-5d8619ecec98
SM_V9_1 iris    CDS     81963460        81963502        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     81973892        81974052        .       +
        2       Parent=Smp_211150.1
SM_V9_1 iris    CDS     81975159        81975356        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     81975996        81976076        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     81976162        81976743        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     81979199        81979769        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     81993092        81993276        .       +
        2       Parent=Smp_211150.1
SM_V9_1 iris    CDS     81996878        81997009        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82004768        82004864        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82005530        82005592        .       +
        2       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82007218        82007382        .       +
        2       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82008133        82008323        .       +
        2       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82009980        82010108        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82012174        82012372        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82014072        82014505        .       +
        2       Parent=Smp_211150.1
SM_V9_1 iris    CDS     82021681        82021947        .       +
        0       Parent=Smp_211150.1
SM_V9_1 iris    gene    82034725        82064016        .       +
        .
ID=Smp_211160;geneID=Smp_211160;gene_name=Smp_211160;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    82034725        82064016        .       +
        .
ID=Smp_211160.1;Parent=Smp_211160;geneID=Smp_211160;gene_name=Smp_21
1160;owner=irisadmin@local.host;orig_id=Smp_211160.1;date_last_modif
ied=2022-07-18;Name=Smp_211160.1;product=Putative ATP-dependent RNA
helicase DHX33;date_creation=2022-07-18
SM_V9_1 iris    exon    82034725        82034812        .       +
        .       Parent=Smp_211160.1;Name=df494407-1e15-4db0-
a71d-56da8c678676
SM_V9_1 iris    exon    82041493        82041704        .       +
        .
Parent=Smp_211160.1;Name=2128444b-2f35-4452-8864-6b9f9b46e865
SM_V9_1 iris    exon    82042739        82043131        .       +
        .       Parent=Smp_211160.1;Name=0ae022f2-79b0-4710-a236-
ba845a4dbf37
SM_V9_1 iris    exon    82045489        82045656        .       +
        .       Parent=Smp_211160.1;Name=af0feb32-
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c4be-4ff3-9a73-92a2afd3c99d
SM_V9_1 iris    exon    82047331        82047546        .       +
        .       Parent=Smp_211160.1;Name=a3267aad-c800-4aa7-
b317-45a9120fd828
SM_V9_1 iris    exon    82049653        82049750        .       +
        .       Parent=Smp_211160.1;Name=848e856d-9d05-45b1-b257-
fc54568f9f8b
SM_V9_1 iris    exon    82053829        82054051        .       +
        .
Parent=Smp_211160.1;Name=f3c23594-3ddd-4d3c-840a-653c77a9e3ce
SM_V9_1 iris    exon    82057443        82057643        .       +
        .       Parent=Smp_211160.1;Name=d79314f3-f6ae-495a-
b969-254d729e1717
SM_V9_1 iris    exon    82058434        82058607        .       +
        .
Parent=Smp_211160.1;Name=54e52481-45d3-4eca-8a2f-2167e9726f6e
SM_V9_1 iris    exon    82060889        82061254        .       +
        .       Parent=Smp_211160.1;Name=b049d43a-9f9b-490b-
aa9b-94a335247be8
SM_V9_1 iris    exon    82062943        82064016        .       +
        .       Parent=Smp_211160.1;Name=ed94dcf8-
ec61-43bd-9749-8b467012f8ea
SM_V9_1 iris    CDS     82034740        82034812        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82041493        82041704        .       +
        2       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82042739        82043131        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82045489        82045656        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82047331        82047546        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82049653        82049750        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82053829        82054051        .       +
        1       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82057443        82057643        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82058434        82058607        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82060889        82061254        .       +
        0       Parent=Smp_211160.1
SM_V9_1 iris    CDS     82062943        82063746        .       +
        0       Parent=Smp_211160.1
SM_V9_1 Liftoff gene    82067900        82079981        .       -
        .       ID=Smp_061650;geneID=Smp_061650
SM_V9_1 Liftoff mRNA    82067900        82079981        .       -
        .
ID=Smp_061650.1;Parent=Smp_061650;geneID=Smp_061650;product=26S
proteasome non-ATPase regulatory subunit
11;polypeptide_domain=InterPro:IPR000717,IPR011990,IPR011991
Pfam:PF01399;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    82067900        82068096        .       -
        .       Parent=Smp_061650.1
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SM_V9_1 Liftoff exon    82069815        82069866        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff exon    82071190        82071351        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff exon    82071974        82072097        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff exon    82074508        82074652        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff exon    82076222        82076416        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff exon    82076747        82077001        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff exon    82079726        82079824        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff exon    82079857        82079981        .       -
        .       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82067954        82068096        .       -
        2       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82069815        82069866        .       -
        0       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82071190        82071351        .       -
        0       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82071974        82072097        .       -
        1       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82074508        82074652        .       -
        2       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82076222        82076416        .       -
        2       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82076747        82077001        .       -
        2       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82079726        82079824        .       -
        2       Parent=Smp_061650.1
SM_V9_1 Liftoff CDS     82079857        82079929        .       -
        0       Parent=Smp_061650.1
SM_V9_1 iris    gene    82109058        82164201        .       -
        .
ID=Smp_155290;geneID=Smp_155290;gene_name=Smp_155290;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_1 iris    mRNA    82109058        82164201        .       -
        .
ID=Smp_155290.1;Parent=Smp_155290;geneID=Smp_155290;gene_name=Smp_15
5290;owner=irisadmin@local.host;orig_id=Smp_155290.1;date_last_modif
ied=2022-08-15;Name=Smp_155290.1;product=Sperm surface protein
Sp17;date_creation=2022-08-15
SM_V9_1 iris    exon    82109058        82109977        .       -
        .       Parent=Smp_155290.1;Name=cc03af0c-8740-4366-8ff2-
daf525f2990c
SM_V9_1 iris    exon    82112717        82112750        .       -
        .       Parent=Smp_155290.1;Name=4bb3a6f4-909c-42d7-8b53-
c36dae7d014a
SM_V9_1 iris    exon    82116976        82117008        .       -
        .       Parent=Smp_155290.1;Name=a5199d28-a345-4950-bb95-
b0e240b59afc
SM_V9_1 iris    exon    82138769        82139326        .       -
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        .       Parent=Smp_155290.1;Name=e7c9ee38-db0d-4863-
b5d7-10bdaa45f069
SM_V9_1 iris    exon    82158147        82158204        .       -
        .       Parent=Smp_155290.1;Name=0debfa3a-b7ec-4554-b317-
f7c9ac515baf
SM_V9_1 iris    exon    82159935        82160110        .       -
        .       Parent=Smp_155290.1;Name=4ae2b497-
fdac-4a55-8e66-3351c443f23c
SM_V9_1 iris    exon    82163905        82163978        .       -
        .       Parent=Smp_155290.1;Name=0c46e2bb-422c-4f01-
a908-1ea409dd2632
SM_V9_1 iris    exon    82164015        82164201        .       -
        .       Parent=Smp_155290.1;Name=80082af2-e897-4786-97e9-
d627cfeb4e38
SM_V9_1 iris    CDS     82109964        82109977        .       -
        2       Parent=Smp_155290.1
SM_V9_1 iris    CDS     82112717        82112750        .       -
        0       Parent=Smp_155290.1
SM_V9_1 iris    CDS     82116976        82117008        .       -
        0       Parent=Smp_155290.1
SM_V9_1 iris    CDS     82138769        82139326        .       -
        0       Parent=Smp_155290.1
SM_V9_1 iris    CDS     82158147        82158204        .       -
        1       Parent=Smp_155290.1
SM_V9_1 iris    CDS     82159935        82160110        .       -
        0       Parent=Smp_155290.1
SM_V9_1 iris    CDS     82163905        82163978        .       -
        2       Parent=Smp_155290.1
SM_V9_1 iris    CDS     82164015        82164168        .       -
        0       Parent=Smp_155290.1
SM_V9_1 iris    gene    82178812        82244920        .       +
        .
ID=Smp_241950;geneID=Smp_241950;gene_name=Smp_241950;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-31
SM_V9_1 iris    mRNA    82178812        82244920        .       +
        .
ID=Smp_241950.1;Parent=Smp_241950;geneID=Smp_241950;gene_name=Smp_24
1950;owner=irisadmin@local.host;orig_id=Smp_241950.1;date_last_modif
ied=2022-07-31;Name=Smp_241950.1;product=Regulating synaptic
membrane exocytosis protein 1;date_creation=2022-07-31
SM_V9_1 iris    exon    82178812        82179805        .       +
        .
Parent=Smp_241950.1;Name=f505bdc4-7136-4788-85d8-0bce0d5c333d
SM_V9_1 iris    exon    82199899        82200283        .       +
        .       Parent=Smp_241950.1;Name=12635d61-0d16-42d8-
bd6f-789e0e0fee55
SM_V9_1 iris    exon    82202677        82202855        .       +
        .       Parent=Smp_241950.1;Name=6b0ff5c1-f654-46a7-bb85-
f0e40e0b5bc1
SM_V9_1 iris    exon    82211018        82211206        .       +
        .       Parent=Smp_241950.1;Name=29dc4c20-26fb-43eb-ab46-
e351d07674c8
SM_V9_1 iris    exon    82214489        82214880        .       +
        .       Parent=Smp_241950.1;Name=30eddca7-
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a25d-4a08-9886-9f1e07a1699e
SM_V9_1 iris    exon    82215498        82215938        .       +
        .       Parent=Smp_241950.1;Name=b5e85ee1-5b4f-4b88-a7e6-
cb66e567e918
SM_V9_1 iris    exon    82218177        82218241        .       +
        .       Parent=Smp_241950.1;Name=13593142-d042-4fa0-a9d4-
f927775c96fb
SM_V9_1 iris    exon    82219313        82219415        .       +
        .       Parent=Smp_241950.1;Name=53de175b-d16e-4366-a199-
f2260e43933c
SM_V9_1 iris    exon    82221001        82221232        .       +
        .       Parent=Smp_241950.1;Name=8bcf913d-48d3-4eb6-88f1-
f0aa8cbe14fa
SM_V9_1 iris    exon    82222950        82222963        .       +
        .
Parent=Smp_241950.1;Name=2c171ef7-8620-4595-96a4-5bdbff8f78b7
SM_V9_1 iris    exon    82224444        82224544        .       +
        .
Parent=Smp_241950.1;Name=4e7cc419-4d1e-48c2-91f6-4f161d92c802
SM_V9_1 iris    exon    82225836        82225972        .       +
        .
Parent=Smp_241950.1;Name=de1889e1-0218-475b-9023-1e7af3a3022c
SM_V9_1 iris    exon    82228381        82228558        .       +
        .       Parent=Smp_241950.1;Name=4b034281-8b45-4d0c-82aa-
d0a7ddfadac7
SM_V9_1 iris    exon    82231638        82231739        .       +
        .       Parent=Smp_241950.1;Name=9fc6c188-6362-40c5-
a5bb-99e7f686adec
SM_V9_1 iris    exon    82232427        82232475        .       +
        .       Parent=Smp_241950.1;Name=be8e7982-7d93-4000-9526-
bef7b8a0bd6b
SM_V9_1 iris    exon    82233269        82233518        .       +
        .       Parent=Smp_241950.1;Name=71b5d4cb-40b5-415e-9db0-
a0effcb7f6ca
SM_V9_1 iris    exon    82234703        82235280        .       +
        .       Parent=Smp_241950.1;Name=54ae8cc2-c221-4789-8e1e-
ec85ecf61748
SM_V9_1 iris    exon    82237073        82237280        .       +
        .       Parent=Smp_241950.1;Name=ff3d1504-6117-4cd0-
af8b-92dddbfcbeec
SM_V9_1 iris    exon    82242268        82242613        .       +
        .
Parent=Smp_241950.1;Name=b2ef4adc-8567-48c4-8298-968a45767ae2
SM_V9_1 iris    exon    82244139        82244920        .       +
        .
Parent=Smp_241950.1;Name=7040cab6-1c98-4c5a-97bf-923c1a3accd9
SM_V9_1 iris    CDS     82179696        82179805        .       +
        0       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82199899        82200283        .       +
        1       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82202677        82202855        .       +
        0       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82211018        82211206        .       +
        1       Parent=Smp_241950.1
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SM_V9_1 iris    CDS     82214489        82214880        .       +
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SM_V9_1 iris    CDS     82215498        82215938        .       +
        2       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82218177        82218241        .       +
        2       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82219313        82219415        .       +
        0       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82221001        82221232        .       +
        2       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82222950        82222963        .       +
        1       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82224444        82224544        .       +
        2       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82225836        82225972        .       +
        0       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82228381        82228558        .       +
        1       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82231638        82231739        .       +
        0       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82232427        82232475        .       +
        0       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82233269        82233518        .       +
        2       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82234703        82235280        .       +
        1       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82237073        82237280        .       +
        2       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82242268        82242613        .       +
        1       Parent=Smp_241950.1
SM_V9_1 iris    CDS     82244139        82244660        .       +
        0       Parent=Smp_241950.1
SM_V9_1 iris    gene    82207760        82208297        .       -
        .
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@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_1 iris    mRNA    82207760        82208297        .       -
        .
ID=Smp_349860.1;Parent=Smp_349860;geneID=Smp_349860;gene_name=Smp_34
9860;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
mp_349860.1;date_creation=2022-08-15
SM_V9_1 iris    exon    82207760        82208297        .       -
        .       Parent=Smp_349860.1;Name=Smp_349860.1-CDS
SM_V9_1 iris    CDS     82207974        82208273        .       -
        0       Parent=Smp_349860.1
SM_V9_1 iris    gene    82265682        82276892        .       +
        .
ID=Smp_061590;geneID=Smp_061590;gene_name=Smp_061590;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    82265682        82276892        .       +
        .
ID=Smp_061590.1;Parent=Smp_061590;geneID=Smp_061590;gene_name=Smp_06
1590;owner=irisadmin@local.host;orig_id=Smp_061590.2;date_last_modif
ied=2022-07-18;Name=Smp_061590.1;product=Regulator of nonsense
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transcripts 1;date_creation=2022-07-18
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        .       Parent=Smp_061590.1;Name=aa70efca-c08d-4ee4-a54b-
ce7d7c701276
SM_V9_1 iris    exon    82265976        82266175        .       +
        .       Parent=Smp_061590.1;Name=50c6f15e-f4e8-471f-
aef8-0d57b2f75ccb
SM_V9_1 iris    exon    82266207        82266623        .       +
        .       Parent=Smp_061590.1;Name=6d983983-8414-4b6d-985a-
ed4854a7dbbb
SM_V9_1 iris    exon    82266659        82266831        .       +
        .       Parent=Smp_061590.1;Name=67d687e5-
d32e-4d90-97e1-3ddf28f017f6
SM_V9_1 iris    exon    82267497        82267601        .       +
        .       Parent=Smp_061590.1;Name=a66aafaa-bd9a-4c81-
a61a-95227ee20c99
SM_V9_1 iris    exon    82269666        82270319        .       +
        .
Parent=Smp_061590.1;Name=7a325a14-4081-4fc8-91ca-523a3b5aba72
SM_V9_1 iris    exon    82270998        82271284        .       +
        .
Parent=Smp_061590.1;Name=1fa1114e-073c-4598-9ca7-1ad26ad28d5e
SM_V9_1 iris    exon    82272034        82272269        .       +
        .       Parent=Smp_061590.1;Name=05e42521-
f5b9-48a1-95d6-94a37c8b08b3
SM_V9_1 iris    exon    82273311        82273617        .       +
        .       Parent=Smp_061590.1;Name=87404f15-8c7e-4ce3-baf5-
a7e89dc65dff
SM_V9_1 iris    exon    82273965        82274562        .       +
        .       Parent=Smp_061590.1;Name=b8d42c50-4798-46c1-a697-
b114763adc2e
SM_V9_1 iris    exon    82275303        82275835        .       +
        .       Parent=Smp_061590.1;Name=0667d5ca-1081-4696-a10a-
a6a18849ece8
SM_V9_1 iris    exon    82276330        82276892        .       +
        .
Parent=Smp_061590.1;Name=49c9e233-8d29-45b1-9369-246b454b22cf
SM_V9_1 iris    CDS     82265744        82265938        .       +
        0       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82265976        82266175        .       +
        0       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82266207        82266623        .       +
        1       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82266659        82266831        .       +
        1       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82267497        82267601        .       +
        2       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82269666        82270319        .       +
        2       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82270998        82271284        .       +
        2       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82272034        82272269        .       +
        0       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82273311        82273617        .       +
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        1       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82273965        82274562        .       +
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SM_V9_1 iris    CDS     82275303        82275835        .       +
        2       Parent=Smp_061590.1
SM_V9_1 iris    CDS     82276330        82276602        .       +
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SM_V9_1 Liftoff gene    82276923        82283488        .       -
        .       ID=Smp_061580;geneID=Smp_061580
SM_V9_1 Liftoff mRNA    82276923        82283488        .       -
        .
ID=Smp_061580.1;Parent=Smp_061580;geneID=Smp_061580;product=COX
assembly mitochondrial protein
homolog;polypeptide_domain=InterPro:IPR013892 Pfam:PF08583
SM_V9_1 Liftoff exon    82276923        82277072        .       -
        .       Parent=Smp_061580.1
SM_V9_1 Liftoff exon    82277105        82277195        .       -
        .       Parent=Smp_061580.1
SM_V9_1 Liftoff exon    82277232        82277336        .       -
        .       Parent=Smp_061580.1
SM_V9_1 Liftoff exon    82278183        82283488        .       -
        .       Parent=Smp_061580.1
SM_V9_1 Liftoff CDS     82276964        82277072        .       -
        1       Parent=Smp_061580.1
SM_V9_1 Liftoff CDS     82277105        82277195        .       -
        2       Parent=Smp_061580.1
SM_V9_1 Liftoff CDS     82277232        82277336        .       -
        2       Parent=Smp_061580.1
SM_V9_1 Liftoff CDS     82278183        82278264        .       -
        0       Parent=Smp_061580.1
SM_V9_1 Liftoff gene    82323862        82388510        .       +
        .
ID=Smp_345600;geneID=Smp_345600;previous_systematic_id=Smp_165210
SM_V9_1 Liftoff mRNA    82323862        82388510        .       +
        .
ID=Smp_345600.1;Parent=Smp_345600;geneID=Smp_345600;product=Serine/
threonine-protein kinase
17A;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_1 Liftoff exon    82323862        82324637        .       +
        .       Parent=Smp_345600.1
SM_V9_1 Liftoff exon    82324671        82325045        .       +
        .       Parent=Smp_345600.1
SM_V9_1 Liftoff exon    82328040        82328301        .       +
        .       Parent=Smp_345600.1
SM_V9_1 Liftoff exon    82332459        82332585        .       +
        .       Parent=Smp_345600.1
SM_V9_1 Liftoff exon    82344135        82344183        .       +
        .       Parent=Smp_345600.1
SM_V9_1 Liftoff exon    82357542        82357721        .       +
        .       Parent=Smp_345600.1
SM_V9_1 Liftoff exon    82372670        82373856        .       +
        .       Parent=Smp_345600.1
SM_V9_1 Liftoff exon    82386973        82388510        .       +
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        .       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82324519        82324637        .       +
        0       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82324671        82325045        .       +
        1       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82328040        82328301        .       +
        1       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82332459        82332585        .       +
        0       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82344135        82344183        .       +
        2       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82357542        82357721        .       +
        1       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82372670        82373856        .       +
        1       Parent=Smp_345600.1
SM_V9_1 Liftoff CDS     82386973        82387439        .       +
        2       Parent=Smp_345600.1
SM_V9_1 Liftoff gene    82415019        82459402        .       -
        .       ID=Smp_165200;geneID=Smp_165200
SM_V9_1 Liftoff mRNA    82415019        82459402        .       -
        .
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ical
protein;polypeptide_domain=InterPro:IPR000008,IPR013783,IPR014756
Pfam:PF00168
SM_V9_1 Liftoff exon    82415019        82416323        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82421263        82421310        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82423893        82424222        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82437855        82438877        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82445719        82446003        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82451165        82451350        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82451389        82451475        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82455100        82455323        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82458738        82459019        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82459052        82459163        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82459203        82459253        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff exon    82459290        82459402        .       -
        .       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82416142        82416323        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82421263        82421310        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82423893        82424222        .       -
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        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82437855        82438877        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82445719        82446003        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82451165        82451350        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82451389        82451475        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82455100        82455323        .       -
        1       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82458738        82459019        .       -
        1       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82459052        82459163        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82459203        82459253        .       -
        2       Parent=Smp_165200.1
SM_V9_1 Liftoff CDS     82459290        82459335        .       -
        0       Parent=Smp_165200.1
SM_V9_1 Liftoff mRNA    82415019        82459402        .       -
        .
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ical
protein;polypeptide_domain=InterPro:IPR000008,IPR013783,IPR014756
Pfam:PF00168
SM_V9_1 Liftoff exon    82415019        82416323        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82421263        82421310        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82423893        82424222        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82437840        82438877        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82445719        82446003        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82451165        82451350        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82451389        82451475        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82455100        82455323        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82458738        82459019        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82459052        82459163        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82459203        82459253        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff exon    82459290        82459402        .       -
        .       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82416142        82416323        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82421263        82421310        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82423893        82424222        .       -
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        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82437840        82438877        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82445719        82446003        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82451165        82451350        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82451389        82451475        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82455100        82455323        .       -
        1       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82458738        82459019        .       -
        1       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82459052        82459163        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82459203        82459253        .       -
        2       Parent=Smp_165200.2
SM_V9_1 Liftoff CDS     82459290        82459335        .       -
        0       Parent=Smp_165200.2
SM_V9_1 Liftoff mRNA    82415019        82459402        .       -
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Pfam:PF00168
SM_V9_1 Liftoff exon    82415019        82416323        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82421263        82421310        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82423893        82424222        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82438554        82438877        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82445719        82446003        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82451165        82451350        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82451389        82451475        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82455100        82455323        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82458738        82459019        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82459052        82459163        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82459203        82459253        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff exon    82459290        82459402        .       -
        .       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82416142        82416323        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82421263        82421310        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82423893        82424222        .       -
        2       Parent=Smp_165200.3
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SM_V9_1 Liftoff CDS     82438554        82438877        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82445719        82446003        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82451165        82451350        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82451389        82451475        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82455100        82455323        .       -
        1       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82458738        82459019        .       -
        1       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82459052        82459163        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82459203        82459253        .       -
        2       Parent=Smp_165200.3
SM_V9_1 Liftoff CDS     82459290        82459335        .       -
        0       Parent=Smp_165200.3
SM_V9_1 iris    gene    82474212        82496542        .       +
        .
ID=Smp_079860;geneID=Smp_079860;gene_name=Smp_079860;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_1 iris    mRNA    82474212        82496542        .       +
        .
ID=Smp_079860.1;Parent=Smp_079860;geneID=Smp_079860;gene_name=Smp_07
9860;owner=irisadmin@local.host;orig_id=Smp_079860.1;date_last_modif
ied=2022-07-31;Name=Smp_079860.1;product=Lysophospholipid
acyltransferase 2;date_creation=2022-07-31
SM_V9_1 iris    exon    82474212        82474311        .       +
        .       Parent=Smp_079860.1;Name=3963b343-
fb4a-4e4e-8610-77e9f26c1c0e
SM_V9_1 iris    exon    82474347        82474492        .       +
        .       Parent=Smp_079860.1;Name=157d9088-28ac-408a-
a089-0d99244dec1a
SM_V9_1 iris    exon    82474525        82474686        .       +
        .       Parent=Smp_079860.1;Name=f3b11494-1a5e-437b-96df-
ab4067475984
SM_V9_1 iris    exon    82474718        82474834        .       +
        .       Parent=Smp_079860.1;Name=7cc13fc0-
c7d2-4d4b-9826-5d6ee252292c
SM_V9_1 iris    exon    82475781        82475931        .       +
        .       Parent=Smp_079860.1;Name=b18a6c21-4d7c-4e46-8cb5-
b9135b5aaa0d
SM_V9_1 iris    exon    82478089        82478121        .       +
        .
Parent=Smp_079860.1;Name=02119352-6b99-462e-87f8-1ba6bbe94470
SM_V9_1 iris    exon    82479975        82480065        .       +
        .       Parent=Smp_079860.1;Name=827a6105-e232-4bd7-
a0d5-30b82488591a
SM_V9_1 iris    exon    82482354        82482452        .       +
        .       Parent=Smp_079860.1;Name=d8136b1f-b93d-488f-b62c-
c84081b9ec0a
SM_V9_1 iris    exon    82484078        82484181        .       +
        .       Parent=Smp_079860.1;Name=1beb55d8-e2e9-43ab-b0ef-
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b5654c50fb00
SM_V9_1 iris    exon    82485596        82485792        .       +
        .       Parent=Smp_079860.1;Name=1e784d73-7f8a-41fd-a8c5-
dd3e59e1a250
SM_V9_1 iris    exon    82493722        82493877        .       +
        .
Parent=Smp_079860.1;Name=a664911f-1af5-4d5a-9b3a-339c7f50ce5c
SM_V9_1 iris    exon    82495627        82496542        .       +
        .       Parent=Smp_079860.1;Name=b5b16ac5-e9ad-4d73-8446-
feb4236c46f5
SM_V9_1 iris    CDS     82474270        82474311        .       +
        0       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82474347        82474492        .       +
        0       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82474525        82474686        .       +
        1       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82474718        82474834        .       +
        1       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82475781        82475931        .       +
        1       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82478089        82478121        .       +
        0       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82479975        82480065        .       +
        0       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82482354        82482452        .       +
        2       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82484078        82484181        .       +
        2       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82485596        82485792        .       +
        0       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82493722        82493877        .       +
        1       Parent=Smp_079860.1
SM_V9_1 iris    CDS     82495627        82495711        .       +
        1       Parent=Smp_079860.1
SM_V9_1 iris    gene    82539132        82548445        .       -
        .
ID=Smp_165190;geneID=Smp_165190;gene_name=Smp_165190;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-18
SM_V9_1 iris    mRNA    82539132        82548445        .       -
        .
ID=Smp_165190.1;Parent=Smp_165190;geneID=Smp_165190;gene_name=Smp_16
5190;owner=irisadmin@local.host;orig_id=Smp_165190.2;date_last_modif
ied=2022-08-15;Name=Smp_165190.1;product=Reticulophagy regulator
2;date_creation=2022-07-18
SM_V9_1 iris    exon    82539132        82539534        .       -
        .
Parent=Smp_165190.1;Name=db3117a5-16a5-4d01-83b1-376412c563c2
SM_V9_1 iris    exon    82541751        82542010        .       -
        .       Parent=Smp_165190.1;Name=96c8db10-e7ec-4739-
a85c-44d24b12c5b4
SM_V9_1 iris    exon    82542934        82543321        .       -
        .       Parent=Smp_165190.1;Name=a4f8b5e5-fdda-4a7e-8c84-
a60a4878c450
SM_V9_1 iris    exon    82545085        82545251        .       -
```

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        .
Parent=Smp_165190.1;Name=7fdf031c-3fb8-488c-949a-52593490b5ad
SM_V9_1 iris    exon    82547060        82547166        .       -
        .       Parent=Smp_165190.1;Name=654fb6ad-
fe98-4c4e-8d1a-5c5df036566d
SM_V9_1 iris    exon    82547199        82547426        .       -
        .       Parent=Smp_165190.1;Name=a708f2c4-8c21-4496-9ed1-
d95cc5d8eb0a
SM_V9_1 iris    exon    82548378        82548445        .       -
        .       Parent=Smp_165190.1;Name=bbc340ca-1c89-4819-
bf67-649ecadb7f7a
SM_V9_1 iris    CDS     82539460        82539534        .       -
        0       Parent=Smp_165190.1
SM_V9_1 iris    CDS     82541751        82542010        .       -
        2       Parent=Smp_165190.1
SM_V9_1 iris    CDS     82542934        82543321        .       -
        0       Parent=Smp_165190.1
SM_V9_1 iris    CDS     82545085        82545251        .       -
        2       Parent=Smp_165190.1
SM_V9_1 iris    CDS     82547060        82547166        .       -
        1       Parent=Smp_165190.1
SM_V9_1 iris    CDS     82547199        82547347        .       -
        0       Parent=Smp_165190.1
SM_V9_1 iris    gene    82568012        82575691        .       +
        .
ID=Smp_103280;geneID=Smp_103280;gene_name=Smp_103280;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    82568012        82575691        .       +
        .
ID=Smp_103280.1;Parent=Smp_103280;geneID=Smp_103280;gene_name=Smp_10
3280;owner=irisadmin@local.host;orig_id=Smp_103280.1;date_last_modif
ied=2022-07-18;Name=Smp_103280.1;product=Coenzyme Q-binding protein
COQ10 homolog A, mitochondrial;date_creation=2022-07-18
SM_V9_1 iris    exon    82568012        82568077        .       +
        .       Parent=Smp_103280.1;Name=b020e2a2-4ccd-4d13-b814-
ca461414cd1c
SM_V9_1 iris    exon    82570065        82570261        .       +
        .       Parent=Smp_103280.1;Name=8e7daea8-
e793-453b-9df5-12b9ca13d075
SM_V9_1 iris    exon    82571367        82571559        .       +
        .       Parent=Smp_103280.1;Name=2dcaa6f1-c7f5-4604-
b012-3d178e745d79
SM_V9_1 iris    exon    82573713        82573814        .       +
        .       Parent=Smp_103280.1;Name=d42ba105-b02d-4cb6-9263-
e6dbe1f81122
SM_V9_1 iris    exon    82574874        82575691        .       +
        .       Parent=Smp_103280.1;Name=aeaa2ba5-91ac-4d29-aad2-
c0ccf2c27e67
SM_V9_1 iris    CDS     82570113        82570261        .       +
        0       Parent=Smp_103280.1
SM_V9_1 iris    CDS     82571367        82571559        .       +
        1       Parent=Smp_103280.1
SM_V9_1 iris    CDS     82573713        82573814        .       +
        0       Parent=Smp_103280.1
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SM_V9_1 iris    CDS     82574874        82575038        .       +
        0       Parent=Smp_103280.1
SM_V9_1 iris    gene    82580494        82622392        .       +
        .
ID=Smp_303120;geneID=Smp_303120;gene_name=Smp_303120;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_1 iris    mRNA    82580494        82622392        .       +
        .
ID=Smp_303120.1;Parent=Smp_303120;geneID=Smp_303120;gene_name=Smp_30
3120;owner=irisadmin@local.host;orig_id=Smp_303120.1;date_last_modif
ied=2022-07-20;Name=Smp_303120.1;product=3-hydroxypropionyl-coenzyme
A dehydratase;date_creation=2022-07-20
SM_V9_1 iris    exon    82580494        82580787        .       +
        .       Parent=Smp_303120.1;Name=fccf8c97-4321-48f4-be67-
c1613244b75b
SM_V9_1 iris    exon    82593765        82593909        .       +
        .       Parent=Smp_303120.1;Name=decc66ae-da98-4a92-
bf56-78548c033ef1
SM_V9_1 iris    exon    82594563        82594712        .       +
        .       Parent=Smp_303120.1;Name=a7ee1a6e-
c625-4eec-92e4-61978fd556f4
SM_V9_1 iris    exon    82616968        82617141        .       +
        .       Parent=Smp_303120.1;Name=6ff7703f-f57b-46a2-a4f1-
ba48f3a9eaec
SM_V9_1 iris    exon    82622113        82622392        .       +
        .       Parent=Smp_303120.1;Name=5346ebe4-8a20-4cf8-
abc4-38757ec7c628
SM_V9_1 iris    CDS     82580500        82580787        .       +
        0       Parent=Smp_303120.1
SM_V9_1 iris    CDS     82593765        82593909        .       +
        0       Parent=Smp_303120.1
SM_V9_1 iris    CDS     82594563        82594712        .       +
        2       Parent=Smp_303120.1
SM_V9_1 iris    CDS     82616968        82617141        .       +
        2       Parent=Smp_303120.1
SM_V9_1 iris    CDS     82622113        82622189        .       +
        2       Parent=Smp_303120.1
SM_V9_1 iris    gene    82633775        82675637        .       +
        .
ID=Smp_201600;geneID=Smp_201600;gene_name=Smp_201600;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-07-20
SM_V9_1 iris    mRNA    82633775        82675637        .       +
        .
ID=Smp_201600.1;Parent=Smp_201600;geneID=Smp_201600;gene_name=Smp_20
1600;owner=irisadmin@local.host;orig_id=Smp_201600.1;date_last_modif
ied=2022-07-20;Name=Smp_201600.1;product=npp-43;date_creation=2022-0
7-20
SM_V9_1 iris    exon    82633775        82633879        .       +
        .       Parent=Smp_201600.1;Name=1334693c-ca53-4f95-
a5f4-174404b1df58
SM_V9_1 iris    exon    82670267        82670340        .       +
        .
Parent=Smp_201600.1;Name=9cc09327-4101-4094-844c-344dac348ad7
SM_V9_1 iris    exon    82675160        82675637        .       +
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        .       Parent=Smp_201600.1;Name=71c2e8a5-5be3-4798-
b69f-4a54313bd6a0
SM_V9_1 iris    CDS     82670269        82670340        .       +
        0       Parent=Smp_201600.1
SM_V9_1 iris    CDS     82675160        82675480        .       +
        0       Parent=Smp_201600.1
SM_V9_1 iris    gene    82700231        82799608        .       +
        .
ID=Smp_245600;geneID=Smp_245600;gene_name=Smp_245600;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    82700231        82799608        .       +
        .
ID=Smp_245600.1;Parent=Smp_245600;geneID=Smp_245600;gene_name=Smp_24
5600;owner=irisadmin@local.host;orig_id=Smp_245600.2;date_last_modif
ied=2022-08-01;Name=Smp_245600.1;product=Electrogenic sodium
bicarbonate cotransporter 4;date_creation=2022-07-29
SM_V9_1 iris    exon    82700231        82700301        .       +
        .       Parent=Smp_245600.1;Name=9e2fee46-3050-4c5c-
a66c-20e92910e505
SM_V9_1 iris    exon    82708912        82709003        .       +
        .       Parent=Smp_245600.1;Name=87a3530a-e9af-454c-a62f-
aacaafa4ce4e
SM_V9_1 iris    exon    82717990        82718304        .       +
        .
Parent=Smp_245600.1;Name=61341543-92b2-4175-85f2-482bd07f63f0
SM_V9_1 iris    exon    82731384        82731581        .       +
        .       Parent=Smp_245600.1;Name=aa6e3857-
d701-4d9a-9181-186429fea55e
SM_V9_1 iris    exon    82732749        82732774        .       +
        .       Parent=Smp_245600.1;Name=e7a3ab4a-d272-48d1-
b1f1-5f02f07c82a5
SM_V9_1 iris    exon    82733890        82733943        .       +
        .       Parent=Smp_245600.1;Name=1696dc66-665c-4c3a-
bdb7-309068a04a42
SM_V9_1 iris    exon    82741440        82741487        .       +
        .       Parent=Smp_245600.1;Name=09f8a147-
b72d-49b8-92f8-228f95b0a406
SM_V9_1 iris    exon    82742683        82742736        .       +
        .       Parent=Smp_245600.1;Name=1ffe47c6-e21b-4702-
b6ae-98bde355bc12
SM_V9_1 iris    exon    82747540        82747593        .       +
        .
Parent=Smp_245600.1;Name=1e05c41f-2b9d-4f36-8be2-06a8d4e4b217
SM_V9_1 iris    exon    82747965        82748297        .       +
        .       Parent=Smp_245600.1;Name=d9afc886-03bb-481f-9ecb-
bcd39d03346b
SM_V9_1 iris    exon    82751260        82751455        .       +
        .       Parent=Smp_245600.1;Name=b277aeda-f709-4af7-b6b1-
c26643d57c90
SM_V9_1 iris    exon    82757949        82758311        .       +
        .       Parent=Smp_245600.1;Name=3f3ca0b0-7154-487c-b54d-
e40e62e52c07
SM_V9_1 iris    exon    82766542        82766690        .       +
        .
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Parent=Smp_245600.1;Name=655dd421-46c2-4909-81b1-6fb2b251eee9
SM_V9_1 iris    exon    82777837        82778031        .       +
        .       Parent=Smp_245600.1;Name=86188954-86d0-4d40-
a7ac-3c5b7d82beba
SM_V9_1 iris    exon    82781239        82781397        .       +
        .       Parent=Smp_245600.1;Name=10c1c76c-f76d-4d98-
a189-58f888fe45b4
SM_V9_1 iris    exon    82783912        82784177        .       +
        .       Parent=Smp_245600.1;Name=99bde71a-00b9-4f10-
af41-535e7b1c9cf0
SM_V9_1 iris    exon    82789126        82789320        .       +
        .       Parent=Smp_245600.1;Name=c46ffc18-d707-4a08-
bc76-727c25cbd705
SM_V9_1 iris    exon    82792210        82792633        .       +
        .       Parent=Smp_245600.1;Name=d1f052e7-1eef-49ee-b21e-
c45cd36a382b
SM_V9_1 iris    exon    82798941        82799608        .       +
        .       Parent=Smp_245600.1;Name=3c4ba059-e141-4527-9e6c-
e93ff1c07c09
SM_V9_1 iris    CDS     82708985        82709003        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82717990        82718304        .       +
        2       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82731384        82731581        .       +
        2       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82732749        82732774        .       +
        2       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82733890        82733943        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82741440        82741487        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82742683        82742736        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82747540        82747593        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82747965        82748297        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82751260        82751455        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82757949        82758311        .       +
        2       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82766542        82766690        .       +
        2       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82777837        82778031        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82781239        82781397        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82783912        82784177        .       +
        0       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82789126        82789320        .       +
        1       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82792210        82792633        .       +
        1       Parent=Smp_245600.1
SM_V9_1 iris    CDS     82798941        82799177        .       +
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        0       Parent=Smp_245600.1
SM_V9_1 iris    mRNA    82713697        82799577        .       +
        .
ID=Smp_245600.2;Parent=Smp_245600;geneID=Smp_245600;gene_name=Smp_24
5600;owner=irisadmin@local.host;orig_id=Smp_245600.1;date_last_modif
ied=2022-08-01;Name=Smp_245600.2;product=Electrogenic sodium
bicarbonate cotransporter 4;date_creation=2022-07-29
SM_V9_1 iris    exon    82713697        82713912        .       +
        .       Parent=Smp_245600.2;Name=47a865f8-27a8-47e6-b7c0-
a66eedcaeb98
SM_V9_1 iris    exon    82717990        82718304        .       +
        .       Parent=Smp_245600.2;Name=136006f4-9169-4d81-
b8a7-43d0322feda5
SM_V9_1 iris    exon    82731384        82731581        .       +
        .
Parent=Smp_245600.2;Name=2279e4bc-75dd-4fa9-8d1c-072292874fca
SM_V9_1 iris    exon    82732749        82732774        .       +
        .       Parent=Smp_245600.2;Name=dd830255-bad5-4858-89fd-
b7e37eef316b
SM_V9_1 iris    exon    82741440        82741487        .       +
        .       Parent=Smp_245600.2;Name=20b193ff-f51f-4b16-94ca-
aa11735d81ce
SM_V9_1 iris    exon    82742683        82742736        .       +
        .       Parent=Smp_245600.2;Name=94e72ce2-
dcd2-4ee5-8794-5f9302ddee84
SM_V9_1 iris    exon    82747965        82748297        .       +
        .       Parent=Smp_245600.2;Name=9d974688-9c75-4bc7-a84c-
ff7441fd4801
SM_V9_1 iris    exon    82751260        82751455        .       +
        .       Parent=Smp_245600.2;Name=febbb1b9-9d73-4aed-
b4f2-26f4910f665a
SM_V9_1 iris    exon    82757949        82758311        .       +
        .       Parent=Smp_245600.2;Name=839b3cd9-a221-4532-937e-
d4b45b04ec96
SM_V9_1 iris    exon    82766542        82766690        .       +
        .       Parent=Smp_245600.2;Name=1dda3370-903c-40bc-abbe-
e42e857c3cd7
SM_V9_1 iris    exon    82777837        82778031        .       +
        .       Parent=Smp_245600.2;Name=268e6ca3-4adb-4475-
ae7e-0e24b9a66e0f
SM_V9_1 iris    exon    82781239        82781397        .       +
        .       Parent=Smp_245600.2;Name=6ebe8dc1-9c0c-4759-ba96-
f78191ad4de2
SM_V9_1 iris    exon    82783912        82784177        .       +
        .       Parent=Smp_245600.2;Name=82651d6f-301f-4c26-afce-
b66ce3c23e17
SM_V9_1 iris    exon    82789126        82789320        .       +
        .       Parent=Smp_245600.2;Name=10a34ada-ed9e-43ac-9cce-
f68c6ef30871
SM_V9_1 iris    exon    82792210        82792633        .       +
        .       Parent=Smp_245600.2;Name=8e4d280e-8cfd-47da-
b1dc-8e5b6ae67ce4
SM_V9_1 iris    exon    82798941        82799577        .       +
        .       Parent=Smp_245600.2;Name=b11e715d-7769-4f70-9ee0-
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f142c361e110
SM_V9_1 iris    CDS     82713888        82713912        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82717990        82718304        .       +
        2       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82731384        82731581        .       +
        2       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82732749        82732774        .       +
        2       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82741440        82741487        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82742683        82742736        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82747965        82748297        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82751260        82751455        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82757949        82758311        .       +
        2       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82766542        82766690        .       +
        2       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82777837        82778031        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82781239        82781397        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82783912        82784177        .       +
        0       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82789126        82789320        .       +
        1       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82792210        82792633        .       +
        1       Parent=Smp_245600.2
SM_V9_1 iris    CDS     82798941        82799177        .       +
        0       Parent=Smp_245600.2
SM_V9_1 Liftoff gene    82878121        82894257        .       +
        .       ID=Smp_105220;geneID=Smp_105220
SM_V9_1 Liftoff mRNA    82878121        82894257        .       +
        .
ID=Smp_105220.1;Parent=Smp_105220;geneID=Smp_105220;product=Lymphocy
te antigen 6D
SM_V9_1 Liftoff exon    82878121        82878265        .       +
        .       Parent=Smp_105220.1
SM_V9_1 Liftoff exon    82890125        82890216        .       +
        .       Parent=Smp_105220.1
SM_V9_1 Liftoff exon    82893202        82894257        .       +
        .       Parent=Smp_105220.1
SM_V9_1 Liftoff CDS     82878202        82878265        .       +
        0       Parent=Smp_105220.1
SM_V9_1 Liftoff CDS     82890125        82890216        .       +
        2       Parent=Smp_105220.1
SM_V9_1 Liftoff CDS     82893202        82893420        .       +
        0       Parent=Smp_105220.1
SM_V9_1 Liftoff gene    82947531        82986333        .       +
        .
ID=Smp_346680;geneID=Smp_346680;previous_systematic_id=Smp_180940
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SM_V9_1 Liftoff mRNA    82947531        82982783        .       +
        .
ID=Smp_346680.1;Parent=Smp_346680;geneID=Smp_346680;product=Testis-
and ovary-specific PAZ domain-containing protein 1
SM_V9_1 Liftoff exon    82947531        82947818        .       +
        .       Parent=Smp_346680.1
SM_V9_1 Liftoff exon    82957510        82957613        .       +
        .       Parent=Smp_346680.1
SM_V9_1 Liftoff exon    82959021        82959256        .       +
        .       Parent=Smp_346680.1
SM_V9_1 Liftoff exon    82982548        82982783        .       +
        .       Parent=Smp_346680.1
SM_V9_1 Liftoff CDS     82947758        82947818        .       +
        0       Parent=Smp_346680.1
SM_V9_1 Liftoff CDS     82957510        82957613        .       +
        2       Parent=Smp_346680.1
SM_V9_1 Liftoff CDS     82959021        82959256        .       +
        0       Parent=Smp_346680.1
SM_V9_1 Liftoff CDS     82982548        82982722        .       +
        1       Parent=Smp_346680.1
SM_V9_1 Liftoff mRNA    82947531        82986333        .       +
        .
ID=Smp_346680.2;Parent=Smp_346680;geneID=Smp_346680;product=Endoribo
nuclease Dicer homolog 2a
SM_V9_1 Liftoff exon    82947531        82947818        .       +
        .       Parent=Smp_346680.2
SM_V9_1 Liftoff exon    82957510        82957613        .       +
        .       Parent=Smp_346680.2
SM_V9_1 Liftoff exon    82982548        82982760        .       +
        .       Parent=Smp_346680.2
SM_V9_1 Liftoff exon    82986267        82986333        .       +
        .       Parent=Smp_346680.2
SM_V9_1 Liftoff CDS     82947758        82947818        .       +
        0       Parent=Smp_346680.2
SM_V9_1 Liftoff CDS     82957510        82957613        .       +
        2       Parent=Smp_346680.2
SM_V9_1 Liftoff CDS     82982548        82982760        .       +
        0       Parent=Smp_346680.2
SM_V9_1 Liftoff CDS     82986267        82986308        .       +
        0       Parent=Smp_346680.2
SM_V9_1 iris    gene    82994242        83003410        .       -
        .
ID=Smp_105210;geneID=Smp_105210;gene_name=Smp_105210;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    82994242        83003410        .       -
        .
ID=Smp_105210.1;Parent=Smp_105210;geneID=Smp_105210;gene_name=Smp_10
5210;owner=irisadmin@local.host;orig_id=Smp_105210.2;date_last_modif
ied=2022-07-18;Name=Smp_105210.1;product=Zinc finger A20 and AN1
domain-containing stress-associated protein
9;date_creation=2022-07-18
SM_V9_1 iris    exon    82994242        82995562        .       -
        .       Parent=Smp_105210.1;Name=bd0aabb5-afb6-42cc-a9fa-
f4d3d76f681c
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SM_V9_1 iris    exon    82996701        82996775        .       -
        .       Parent=Smp_105210.1;Name=16041712-8fe0-4b07-
b033-49fc607dfbf7
SM_V9_1 iris    exon    82997637        82997967        .       -
        .
Parent=Smp_105210.1;Name=74c6c8e1-5157-4a36-9deb-4ed00f5400c6
SM_V9_1 iris    exon    83003291        83003410        .       -
        .       Parent=Smp_105210.1;Name=b25bfa69-a9de-4bf2-
b7d9-80076af5f101
SM_V9_1 iris    CDS     82995414        82995562        .       -
        2       Parent=Smp_105210.1
SM_V9_1 iris    CDS     82996701        82996775        .       -
        2       Parent=Smp_105210.1
SM_V9_1 iris    CDS     82997637        82997967        .       -
        0       Parent=Smp_105210.1
SM_V9_1 iris    CDS     83003291        83003293        .       -
        0       Parent=Smp_105210.1
SM_V9_1 iris    gene    83017141        83077588        .       +
        .
ID=Smp_212390;geneID=Smp_212390;gene_name=Smp_212390;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    83017141        83077588        .       +
        .
ID=Smp_212390.1;Parent=Smp_212390;geneID=Smp_212390;gene_name=Smp_21
2390;owner=irisadmin@local.host;orig_id=Smp_212390.1;date_last_modif
ied=2022-07-18;Name=Smp_212390.1;product=Ubiquitin carboxyl-terminal
hydrolase 2;date_creation=2022-07-18
SM_V9_1 iris    exon    83017141        83017482        .       +
        .       Parent=Smp_212390.1;Name=fb701a05-6aaf-41b4-b3fd-
bfdfa6875fc4
SM_V9_1 iris    exon    83017522        83017638        .       +
        .       Parent=Smp_212390.1;Name=65f20c3a-2109-4dd3-93fc-
d245275ceed0
SM_V9_1 iris    exon    83021820        83022173        .       +
        .       Parent=Smp_212390.1;Name=f85f5da7-
f169-4ba7-9b08-088074ff294d
SM_V9_1 iris    exon    83027733        83027856        .       +
        .       Parent=Smp_212390.1;Name=c3175d0a-
b73f-4fcd-9f26-9207ef65ecb4
SM_V9_1 iris    exon    83028861        83028975        .       +
        .
Parent=Smp_212390.1;Name=fe2f5e7f-70e6-40c5-84b7-38e601c034a2
SM_V9_1 iris    exon    83033059        83033178        .       +
        .       Parent=Smp_212390.1;Name=f0afe964-a68d-4948-bfc0-
df526f018490
SM_V9_1 iris    exon    83044718        83044782        .       +
        .
Parent=Smp_212390.1;Name=272b57ae-3e66-4265-8297-8c4587aca8a3
SM_V9_1 iris    exon    83051803        83051906        .       +
        .       Parent=Smp_212390.1;Name=17f15762-55bf-4e47-8ab1-
a4bd89f4dfd4
SM_V9_1 iris    exon    83062442        83062516        .       +
        .       Parent=Smp_212390.1;Name=9d6173dc-de56-4bd6-a4b9-
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SM_V9_1 iris    exon    83065012        83065090        .       +
        .       Parent=Smp_212390.1;Name=a78cf341-
f3ae-4889-9326-63b1191000c4
SM_V9_1 iris    exon    83070763        83070864        .       +
        .
Parent=Smp_212390.1;Name=ded92f13-4756-4aa7-8262-7f392c3d4f54
SM_V9_1 iris    exon    83074318        83074447        .       +
        .       Parent=Smp_212390.1;Name=2a76b3b4-
aee2-4ffd-95c3-6088461fb5b9
SM_V9_1 iris    exon    83076072        83077588        .       +
        .       Parent=Smp_212390.1;Name=9deef511-
f4a1-470b-845a-6d7be475541f
SM_V9_1 iris    CDS     83017444        83017482        .       +
        0       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83017522        83017638        .       +
        0       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83021820        83022173        .       +
        0       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83027733        83027856        .       +
        0       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83028861        83028975        .       +
        2       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83033059        83033178        .       +
        1       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83044718        83044782        .       +
        1       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83051803        83051906        .       +
        2       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83062442        83062516        .       +
        0       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83065012        83065090        .       +
        0       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83070763        83070864        .       +
        2       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83074318        83074447        .       +
        2       Parent=Smp_212390.1
SM_V9_1 iris    CDS     83076072        83076144        .       +
        1       Parent=Smp_212390.1
SM_V9_1 Liftoff gene    83090684        83134206        .       +
        .       ID=Smp_212380;geneID=Smp_212380
SM_V9_1 Liftoff mRNA    83090684        83134206        .       +
        .
ID=Smp_212380.1;Parent=Smp_212380;geneID=Smp_212380;product=Superoxi
de dismutase [Mn], mitochondrial
SM_V9_1 Liftoff exon    83090684        83110729        .       +
        .       Parent=Smp_212380.1
SM_V9_1 Liftoff exon    83112364        83112491        .       +
        .       Parent=Smp_212380.1
SM_V9_1 Liftoff exon    83131023        83134206        .       +
        .       Parent=Smp_212380.1
SM_V9_1 Liftoff CDS     83110700        83110729        .       +
        0       Parent=Smp_212380.1
SM_V9_1 Liftoff CDS     83112364        83112491        .       +
        0       Parent=Smp_212380.1
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SM_V9_1 Liftoff CDS     83131023        83131704        .       +
        1       Parent=Smp_212380.1
SM_V9_1 Liftoff gene    83146345        83172583        .       +
        .       ID=Smp_097180;geneID=Smp_097180
SM_V9_1 Liftoff mRNA    83146345        83172583        .       +
        .
ID=Smp_097180.1;Parent=Smp_097180;geneID=Smp_097180;product=Cytosoli
c 5'-nucleotidase 3A;polypeptide_domain=InterPro:IPR006434,IPR023214
Pfam:PF05822;Ontology_term=GO:0000287,GO:0005737,GO:0008253
SM_V9_1 Liftoff exon    83146345        83153629        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83156289        83156396        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83156450        83156544        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83157650        83157723        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83157765        83157811        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83160944        83161119        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83161900        83162062        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83164332        83164538        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff exon    83171681        83172583        .       +
        .       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83153522        83153629        .       +
        0       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83156289        83156396        .       +
        0       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83156450        83156544        .       +
        0       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83157650        83157723        .       +
        1       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83157765        83157811        .       +
        2       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83160944        83161119        .       +
        0       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83161900        83162062        .       +
        1       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83164332        83164538        .       +
        0       Parent=Smp_097180.1
SM_V9_1 Liftoff CDS     83171681        83171794        .       +
        0       Parent=Smp_097180.1
SM_V9_1 Liftoff mRNA    83146345        83172583        .       +
        .
ID=Smp_097180.2;Parent=Smp_097180;geneID=Smp_097180;product=Cytosoli
c 5'-nucleotidase 3A;polypeptide_domain=InterPro:IPR006434,IPR023214
Pfam:PF05822;Ontology_term=GO:0000287,GO:0005737,GO:0008253
SM_V9_1 Liftoff exon    83146345        83146389        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff exon    83156289        83156396        .       +
        .       Parent=Smp_097180.2
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SM_V9_1 Liftoff exon    83156450        83156544        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff exon    83157650        83157723        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff exon    83157765        83157811        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff exon    83160944        83161119        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff exon    83161900        83162062        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff exon    83164332        83164538        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff exon    83171681        83172583        .       +
        .       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83146375        83146389        .       +
        0       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83156289        83156396        .       +
        0       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83156450        83156544        .       +
        0       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83157650        83157723        .       +
        1       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83157765        83157811        .       +
        2       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83160944        83161119        .       +
        0       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83161900        83162062        .       +
        1       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83164332        83164538        .       +
        0       Parent=Smp_097180.2
SM_V9_1 Liftoff CDS     83171681        83171794        .       +
        0       Parent=Smp_097180.2
SM_V9_1 iris    gene    83192605        83208120        .       -
        .
ID=Smp_346370;geneID=Smp_346370;gene_name=Smp_346370;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    83192605        83208120        .       -
        .
ID=Smp_346370.1;Parent=Smp_346370;geneID=Smp_346370;gene_name=Smp_34
6370;owner=irisadmin@local.host;orig_id=Smp_346370.1;date_last_modif
ied=2022-07-18;Name=Smp_346370.1;product=Beta-
secretase;date_creation=2022-07-18
SM_V9_1 iris    exon    83192605        83192963        .       -
        .       Parent=Smp_346370.1;Name=551aa743-5b62-46c0-
a2af-352b9fe5c692
SM_V9_1 iris    exon    83193972        83194121        .       -
        .
Parent=Smp_346370.1;Name=f56ef2ff-32ee-4539-853f-756bc8babfdb
SM_V9_1 iris    exon    83195037        83195336        .       -
        .       Parent=Smp_346370.1;Name=5ff06951-
f6e3-46fd-81f0-3c8641179ebd
SM_V9_1 iris    exon    83197952        83198188        .       -
        .
Parent=Smp_346370.1;Name=875dd058-1696-4925-8775-6eca3230e4c1
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SM_V9_1 iris    exon    83201009        83201361        .       -
        .       Parent=Smp_346370.1;Name=4759a868-a00d-474c-8f75-
baa1d7fc3220
SM_V9_1 iris    exon    83204624        83204826        .       -
        .       Parent=Smp_346370.1;Name=5b168298-7aa6-4650-b254-
b40a1adb44d5
SM_V9_1 iris    exon    83207841        83208120        .       -
        .
Parent=Smp_346370.1;Name=2161efbf-3055-41cd-85dd-8ac4f1e51818
SM_V9_1 iris    CDS     83192658        83192963        .       -
        0       Parent=Smp_346370.1
SM_V9_1 iris    CDS     83193972        83194121        .       -
        0       Parent=Smp_346370.1
SM_V9_1 iris    CDS     83195037        83195336        .       -
        0       Parent=Smp_346370.1
SM_V9_1 iris    CDS     83197952        83198188        .       -
        0       Parent=Smp_346370.1
SM_V9_1 iris    CDS     83201009        83201361        .       -
        2       Parent=Smp_346370.1
SM_V9_1 iris    CDS     83204624        83204654        .       -
        0       Parent=Smp_346370.1
SM_V9_1 Liftoff gene    83221002        83228822        .       +
        .       ID=Smp_097210;geneID=Smp_097210
SM_V9_1 Liftoff mRNA    83221002        83228822        .       +
        .
ID=Smp_097210.1;Parent=Smp_097210;geneID=Smp_097210;product=Nucleopo
rin p58/p45;polypeptide_domain=Pfam:PF15967
SM_V9_1 Liftoff exon    83221002        83222518        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff exon    83222550        83222615        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff exon    83222649        83222823        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff exon    83222869        83222948        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff exon    83222981        83223096        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff exon    83223137        83223219        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff exon    83223692        83224016        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff exon    83228528        83228822        .       +
        .       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83222487        83222518        .       +
        0       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83222550        83222615        .       +
        1       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83222649        83222823        .       +
        1       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83222869        83222948        .       +
        0       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83222981        83223096        .       +
        1       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83223137        83223219        .       +
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        2       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83223692        83224016        .       +
        0       Parent=Smp_097210.1
SM_V9_1 Liftoff CDS     83228528        83228679        .       +
        2       Parent=Smp_097210.1
SM_V9_1 iris    gene    83230585        83234239        .       -
        .
ID=Smp_175550;geneID=Smp_175550;gene_name=Smp_175550;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    83230585        83234239        .       -
        .
ID=Smp_175550.1;Parent=Smp_175550;geneID=Smp_175550;gene_name=Smp_17
5550;owner=irisadmin@local.host;orig_id=Smp_175550.1;date_last_modif
ied=2022-08-01;Name=Smp_175550.1;product=U6 snRNA-associated Sm-like
protein LSm8;date_creation=2022-07-29
SM_V9_1 iris    exon    83230585        83230714        .       -
        .
Parent=Smp_175550.1;Name=1c6321f8-5b88-444b-98cc-85622de46e80
SM_V9_1 iris    exon    83230820        83230947        .       -
        .       Parent=Smp_175550.1;Name=2837ee9f-
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SM_V9_1 iris    exon    83233302        83233342        .       -
        .       Parent=Smp_175550.1;Name=15281e2e-9af3-4e09-
be74-702b25cf7392
SM_V9_1 iris    exon    83234187        83234239        .       -
        .       Parent=Smp_175550.1;Name=04d7deb1-6a02-4340-
a5a6-9246f775a949
SM_V9_1 iris    CDS     83230624        83230714        .       -
        1       Parent=Smp_175550.1
SM_V9_1 iris    CDS     83230820        83230947        .       -
        0       Parent=Smp_175550.1
SM_V9_1 iris    CDS     83233302        83233342        .       -
        2       Parent=Smp_175550.1
SM_V9_1 iris    CDS     83234187        83234217        .       -
        0       Parent=Smp_175550.1
SM_V9_1 iris    gene    83237384        83255383        .       -
        .
ID=Smp_337430;geneID=Smp_337430;gene_name=Smp_337430;owner=irisadmin
@local.host;date_last_modified=2022-11-09;date_creation=2022-11-09
SM_V9_1 iris    mRNA    83237384        83255383        .       -
        .
ID=Smp_337430.1;Parent=Smp_337430;geneID=Smp_337430;gene_name=Smp_33
7430;owner=irisadmin@local.host;orig_id=Smp_337430.1;date_last_modif
ied=2022-11-09;Name=Smp_337430.1;product=Pentatricopeptide repeat-
containing protein 1, mitochondrial;date_creation=2022-11-09
SM_V9_1 iris    exon    83237384        83237633        .       -
        .
Parent=Smp_337430.1;Name=6d852941-4ef1-48ca-9d5c-9accec31d1f3
SM_V9_1 iris    exon    83239277        83239700        .       -
        .
Parent=Smp_337430.1;Name=fa86b073-93cb-4ffa-96b8-6d24e3a8bf41
SM_V9_1 iris    exon    83240465        83240812        .       -
        .       Parent=Smp_337430.1;Name=66af97e2-f049-4cac-
ac78-871d59be3b40
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SM_V9_1 iris    exon    83245064        83245752        .       -
        .       Parent=Smp_337430.1;Name=40296ff4-4585-4db1-a9dd-
a28a34604aca
SM_V9_1 iris    exon    83250626        83250678        .       -
        .       Parent=Smp_337430.1;Name=2f17a026-3c25-4e86-
bbfb-3373724f3c0d
SM_V9_1 iris    exon    83250680        83250784        .       -
        .       Parent=Smp_337430.1;Name=3daea55d-de40-4fe2-aefb-
cb4055a30b74
SM_V9_1 iris    exon    83252362        83252466        .       -
        .       Parent=Smp_337430.1;Name=47ef41b7-f866-47a6-
be39-671c7da85005
SM_V9_1 iris    exon    83253784        83253959        .       -
        .       Parent=Smp_337430.1;Name=a171aa2d-e2ae-4881-
aaec-7aa67a92d68e
SM_V9_1 iris    exon    83254360        83254577        .       -
        .
Parent=Smp_337430.1;Name=1d271bb4-43f5-4dc1-93b9-1db05295bc95
SM_V9_1 iris    exon    83254978        83255057        .       -
        .
Parent=Smp_337430.1;Name=42227a02-84e8-418d-870c-44f1150f6b55
SM_V9_1 iris    exon    83255103        83255236        .       -
        .       Parent=Smp_337430.1;Name=ab3f7fc2-895a-471b-afac-
f5d562946421
SM_V9_1 iris    exon    83255272        83255383        .       -
        .       Parent=Smp_337430.1;Name=80614930-ad6d-4bc3-
bd44-232a5f45a723
SM_V9_1 iris    CDS     83237503        83237633        .       -
        2       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83239277        83239700        .       -
        0       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83240465        83240812        .       -
        0       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83245064        83245752        .       -
        2       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83250626        83250678        .       -
        1       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83250680        83250784        .       -
        1       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83252362        83252466        .       -
        1       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83253784        83253959        .       -
        0       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83254360        83254577        .       -
        2       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83254978        83255057        .       -
        1       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83255103        83255236        .       -
        0       Parent=Smp_337430.1
SM_V9_1 iris    CDS     83255272        83255316        .       -
        0       Parent=Smp_337430.1
SM_V9_1 Liftoff gene    83257202        83280111        .       -
        .
ID=Smp_346360;geneID=Smp_346360;previous_systematic_id=Smp_175530
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SM_V9_1 Liftoff mRNA    83257202        83280111        .       -
        .
ID=Smp_346360.1;Parent=Smp_346360;geneID=Smp_346360;product=Pentatri
copeptide repeat-containing protein 1,
mitochondrial;polypeptide_domain=InterPro:IPR002885,IPR011990
Pfam:PF01535;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    83257202        83257465        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83259109        83259532        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83260905        83261252        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83266274        83266962        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83268614        83268771        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83273228        83273332        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83275111        83275286        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83275687        83275910        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83276783        83277041        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff exon    83277077        83280111        .       -
        .       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83257335        83257465        .       -
        2       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83259109        83259532        .       -
        0       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83260905        83261252        .       -
        0       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83266274        83266962        .       -
        2       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83268614        83268771        .       -
        1       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83273228        83273332        .       -
        1       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83275111        83275286        .       -
        0       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83275687        83275910        .       -
        2       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83276783        83277041        .       -
        0       Parent=Smp_346360.1
SM_V9_1 Liftoff CDS     83277077        83277121        .       -
        0       Parent=Smp_346360.1
SM_V9_1 Liftoff gene    83318295        83333157        .       +
        .       ID=Smp_166310;geneID=Smp_166310
SM_V9_1 Liftoff mRNA    83318295        83333157        .       +
        .
ID=Smp_166310.1;Parent=Smp_166310;geneID=Smp_166310;product=Ran
GTPase-activating protein
1;polypeptide_domain=InterPro:IPR001611,IPR032675
Pfam:PF13516;Ontology_term=GO:0005515
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SM_V9_1 Liftoff exon    83318295        83318575        .       +
        .       Parent=Smp_166310.1
SM_V9_1 Liftoff exon    83323871        83324037        .       +
        .       Parent=Smp_166310.1
SM_V9_1 Liftoff exon    83324085        83324279        .       +
        .       Parent=Smp_166310.1
SM_V9_1 Liftoff exon    83324317        83324490        .       +
        .       Parent=Smp_166310.1
SM_V9_1 Liftoff exon    83327356        83327860        .       +
        .       Parent=Smp_166310.1
SM_V9_1 Liftoff exon    83329757        83330146        .       +
        .       Parent=Smp_166310.1
SM_V9_1 Liftoff exon    83332144        83333157        .       +
        .       Parent=Smp_166310.1
SM_V9_1 Liftoff CDS     83318338        83318575        .       +
        0       Parent=Smp_166310.1
SM_V9_1 Liftoff CDS     83323871        83324037        .       +
        2       Parent=Smp_166310.1
SM_V9_1 Liftoff CDS     83324085        83324279        .       +
        0       Parent=Smp_166310.1
SM_V9_1 Liftoff CDS     83324317        83324490        .       +
        0       Parent=Smp_166310.1
SM_V9_1 Liftoff CDS     83327356        83327860        .       +
        0       Parent=Smp_166310.1
SM_V9_1 Liftoff CDS     83329757        83330146        .       +
        2       Parent=Smp_166310.1
SM_V9_1 Liftoff CDS     83332144        83332709        .       +
        2       Parent=Smp_166310.1
SM_V9_1 Liftoff gene    83379785        83382071        .       -
        .       ID=Smp_166300;geneID=Smp_166300
SM_V9_1 Liftoff mRNA    83379785        83382071        .       -
        .
ID=Smp_166300.1;Parent=Smp_166300;geneID=Smp_166300;product=Probable
receptor-like protein kinase At1g30570
SM_V9_1 Liftoff exon    83379785        83382071        .       -
        .       Parent=Smp_166300.1
SM_V9_1 Liftoff CDS     83380602        83381912        .       -
        0       Parent=Smp_166300.1
SM_V9_1 iris    gene    83426297        83437018        .       -
        .
ID=Smp_166290;geneID=Smp_166290;gene_name=Smp_166290;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    83426297        83437018        .       -
        .
ID=Smp_166290.1;Parent=Smp_166290;geneID=Smp_166290;gene_name=Smp_16
6290;owner=irisadmin@local.host;orig_id=Smp_166290.1;date_last_modif
ied=2022-07-18;Name=Smp_166290.1;product=Serine/threonine-protein
phosphatase 2A activator;date_creation=2022-07-18
SM_V9_1 iris    exon    83426297        83426688        .       -
        .       Parent=Smp_166290.1;Name=14ad92b8-6b8e-4de1-
b508-71114e009252
SM_V9_1 iris    exon    83427494        83427601        .       -
        .       Parent=Smp_166290.1;Name=fb326ee3-6f79-4737-
a6d2-08abcdb51e26
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SM_V9_1 iris    exon    83429248        83429345        .       -
        .
Parent=Smp_166290.1;Name=d19a3e04-2408-4eb5-8ba4-488b362d9241
SM_V9_1 iris    exon    83429924        83430259        .       -
        .       Parent=Smp_166290.1;Name=51fe85f8-ab9f-46e5-a3a9-
d0d3c22f6a6b
SM_V9_1 iris    exon    83431965        83432135        .       -
        .
Parent=Smp_166290.1;Name=74b434d8-1f0a-4452-997b-2c8bcf9856cb
SM_V9_1 iris    exon    83432138        83432156        .       -
        .       Parent=Smp_166290.1;Name=4616d669-
cb98-4574-9e92-241527edda15
SM_V9_1 iris    exon    83432196        83432241        .       -
        .
Parent=Smp_166290.1;Name=35dc91a3-8a43-45cc-9a44-55ee52fbfba0
SM_V9_1 iris    exon    83432279        83432342        .       -
        .
Parent=Smp_166290.1;Name=18292e75-7ae8-4dd7-90f2-630c9baba9a7
SM_V9_1 iris    exon    83436920        83437018        .       -
        .       Parent=Smp_166290.1;Name=63475e54-1761-4707-a00c-
e5bcdf755b93
SM_V9_1 iris    CDS     83426479        83426688        .       -
        0       Parent=Smp_166290.1
SM_V9_1 iris    CDS     83427494        83427601        .       -
        0       Parent=Smp_166290.1
SM_V9_1 iris    CDS     83429248        83429345        .       -
        2       Parent=Smp_166290.1
SM_V9_1 iris    CDS     83429924        83430259        .       -
        2       Parent=Smp_166290.1
SM_V9_1 iris    CDS     83431965        83432135        .       -
        2       Parent=Smp_166290.1
SM_V9_1 iris    CDS     83432138        83432150        .       -
        0       Parent=Smp_166290.1
SM_V9_1 Liftoff gene    83459165        83479043        .       +
        .       ID=Smp_166280;geneID=Smp_166280
SM_V9_1 Liftoff mRNA    83459165        83479043        .       +
        .
ID=Smp_166280.1;Parent=Smp_166280;geneID=Smp_166280;product=Glutamin
yl-peptide cyclotransferase;polypeptide_domain=InterPro:IPR007484
Pfam:PF04389
SM_V9_1 Liftoff exon    83459165        83459298        .       +
        .       Parent=Smp_166280.1
SM_V9_1 Liftoff exon    83465378        83465524        .       +
        .       Parent=Smp_166280.1
SM_V9_1 Liftoff exon    83465564        83465824        .       +
        .       Parent=Smp_166280.1
SM_V9_1 Liftoff exon    83468407        83468562        .       +
        .       Parent=Smp_166280.1
SM_V9_1 Liftoff exon    83473267        83473366        .       +
        .       Parent=Smp_166280.1
SM_V9_1 Liftoff exon    83476549        83476665        .       +
        .       Parent=Smp_166280.1
SM_V9_1 Liftoff exon    83478548        83479043        .       +
        .       Parent=Smp_166280.1
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SM_V9_1 Liftoff CDS     83459218        83459298        .       +
        0       Parent=Smp_166280.1
SM_V9_1 Liftoff CDS     83465378        83465524        .       +
        0       Parent=Smp_166280.1
SM_V9_1 Liftoff CDS     83465564        83465824        .       +
        0       Parent=Smp_166280.1
SM_V9_1 Liftoff CDS     83468407        83468562        .       +
        0       Parent=Smp_166280.1
SM_V9_1 Liftoff CDS     83473267        83473366        .       +
        0       Parent=Smp_166280.1
SM_V9_1 Liftoff CDS     83476549        83476665        .       +
        2       Parent=Smp_166280.1
SM_V9_1 Liftoff CDS     83478548        83478699        .       +
        2       Parent=Smp_166280.1
SM_V9_1 iris    gene    83513061        83514066        .       +
        .
ID=Smp_201810;geneID=Smp_201810;gene_name=Smp_201810;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    83513061        83514066        .       +
        .
ID=Smp_201810.1;Parent=Smp_201810;geneID=Smp_201810;gene_name=Smp_20
1810;owner=irisadmin@local.host;orig_id=Smp_201810.1;date_last_modif
ied=2022-07-18;Name=Smp_201810.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    83513061        83513107        .       +
        .       Parent=Smp_201810.1;Name=2adc3b65-3fa7-4839-96bd-
aba627ba546f
SM_V9_1 iris    exon    83513240        83513387        .       +
        .       Parent=Smp_201810.1;Name=d6c7d677-b17e-4dbc-
a708-2ddaabf327fb
SM_V9_1 iris    exon    83513504        83513561        .       +
        .       Parent=Smp_201810.1;Name=fea3f4da-8b41-47fa-af8a-
d56ba123dd57
SM_V9_1 iris    exon    83513673        83513727        .       +
        .
Parent=Smp_201810.1;Name=49d649c1-79ff-442d-86b7-0902b66b925b
SM_V9_1 iris    exon    83513839        83513874        .       +
        .       Parent=Smp_201810.1;Name=738f1bff-de1c-422d-8d9a-
edb415dfc5b3
SM_V9_1 iris    exon    83513982        83514066        .       +
        .       Parent=Smp_201810.1;Name=c944f14c-68f8-4761-
b605-4790ad02e7f7
SM_V9_1 iris    CDS     83513539        83513561        .       +
        0       Parent=Smp_201810.1
SM_V9_1 iris    CDS     83513673        83513727        .       +
        1       Parent=Smp_201810.1
SM_V9_1 iris    CDS     83513839        83513874        .       +
        0       Parent=Smp_201810.1
SM_V9_1 iris    CDS     83513982        83513990        .       +
        0       Parent=Smp_201810.1
SM_V9_1 iris    gene    83539542        83545672        .       +
        .
ID=Smp_135145;geneID=Smp_135145;gene_name=Smp_135145;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
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SM_V9_1 iris    mRNA    83539542        83545672        .       +
       .
ID=Smp_135145.1;Parent=Smp_135145;geneID=Smp_135145;gene_name=Smp_13
5145;owner=irisadmin@local.host;orig_id=Smp_135140.1;date_last_modif
ied=2022-07-18;Name=Smp_135145.1;date_creation=2022-07-18
SM_V9_1 iris    exon    83539542        83539674        .       +
       .       Parent=Smp_135145.1;Name=Smp_135145.1-CDS
SM_V9_1 iris    exon    83543073        83543228        .       +
       .
Parent=Smp_135145.1;Name=f991b4fa-5440-4ead-8428-5fd738bdeae7
SM_V9_1 iris    exon    83545378        83545672        .       +
       .       Parent=Smp_135145.1;Name=358ec7c5-
afbb-477f-84de-4c20280207b2
SM_V9_1 iris    CDS     83539646        83539674        .       +
       0       Parent=Smp_135145.1
SM_V9_1 iris    CDS     83543073        83543127        .       +
       1       Parent=Smp_135145.1
SM_V9_1 iris    gene    83552779        83575991        .       +
       .
ID=Smp_135140;geneID=Smp_135140;gene_name=Smp_135140;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    83552779        83575991        .       +
       .
ID=Smp_135140.1;Parent=Smp_135140;geneID=Smp_135140;gene_name=Smp_13
5140;owner=irisadmin@local.host;orig_id=Smp_135140.1;date_last_modif
ied=2022-07-18;Name=Smp_135140.1;product=high voltage-activated
calcium channel beta subunit 1;date_creation=2022-07-18
SM_V9_1 iris    exon    83552779        83552889        .       +
       .       Parent=Smp_135140.1;Name=a6cfb8b9-63e3-49a1-8485-
f1ac769b824e
SM_V9_1 iris    exon    83554540        83554846        .       +
       .       Parent=Smp_135140.1;Name=dfc5f70c-11ae-46c0-904c-
deb5a4b5a994
SM_V9_1 iris    exon    83557317        83557392        .       +
       .       Parent=Smp_135140.1;Name=711bee17-71f3-4555-a9f2-
ecfeddb1d8b6
SM_V9_1 iris    exon    83559545        83559624        .       +
       .
Parent=Smp_135140.1;Name=de7788e2-69dc-4c8c-9b01-445771cd4d06
SM_V9_1 iris    exon    83561400        83561527        .       +
       .       Parent=Smp_135140.1;Name=7d0bff4d-7bcf-43f8-
a179-1da231dcb76f
SM_V9_1 iris    exon    83562911        83563050        .       +
       .       Parent=Smp_135140.1;Name=adf1b06b-
afee-439b-94a1-849e607f1b24
SM_V9_1 iris    exon    83565904        83566022        .       +
       .       Parent=Smp_135140.1;Name=6c6e9a65-d19c-4383-be68-
c025191d320c
SM_V9_1 iris    exon    83569261        83569508        .       +
       .       Parent=Smp_135140.1;Name=e05216c5-dbfc-4b65-9247-
ea3f007ba34d
SM_V9_1 iris    exon    83571730        83571960        .       +
       .       Parent=Smp_135140.1;Name=1091857c-135e-4a7c-9cdf-
e03592c24f0d
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SM_V9_1 iris    exon    83573673        83574351        .       +
        .       Parent=Smp_135140.1;Name=926b8d67-0c48-45c3-
bc7b-4949735573d6
SM_V9_1 iris    exon    83575502        83575991        .       +
        .       Parent=Smp_135140.1;Name=609838fe-4cf2-4c98-a93d-
e7574228cecb
SM_V9_1 iris    CDS     83552779        83552889        .       +
        0       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83554540        83554846        .       +
        0       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83557317        83557392        .       +
        2       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83559545        83559624        .       +
        1       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83561400        83561527        .       +
        2       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83562911        83563050        .       +
        0       Parent=Smp_135140.1
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SM_V9_1 iris    CDS     83569261        83569508        .       +
        2       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83571730        83571960        .       +
        0       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83573673        83574351        .       +
        0       Parent=Smp_135140.1
SM_V9_1 iris    CDS     83575502        83575782        .       +
        2       Parent=Smp_135140.1
SM_V9_1 Liftoff gene    83576380        83590719        .       -
        .       ID=Smp_135130;geneID=Smp_135130
SM_V9_1 Liftoff mRNA    83576380        83590719        .       -
        .
ID=Smp_135130.1;Parent=Smp_135130;geneID=Smp_135130;product=Protein
FAM221A;polypeptide_domain=InterPro:IPR026755 Pfam:PF14753
SM_V9_1 Liftoff exon    83576380        83577210        .       -
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SM_V9_1 Liftoff exon    83580106        83580197        .       -
        .       Parent=Smp_135130.1
SM_V9_1 Liftoff exon    83581821        83582070        .       -
        .       Parent=Smp_135130.1
SM_V9_1 Liftoff exon    83583555        83583656        .       -
        .       Parent=Smp_135130.1
SM_V9_1 Liftoff exon    83586385        83586544        .       -
        .       Parent=Smp_135130.1
SM_V9_1 Liftoff exon    83590358        83590452        .       -
        .       Parent=Smp_135130.1
SM_V9_1 Liftoff exon    83590486        83590564        .       -
        .       Parent=Smp_135130.1
SM_V9_1 Liftoff exon    83590603        83590719        .       -
        .       Parent=Smp_135130.1
SM_V9_1 Liftoff CDS     83577163        83577210        .       -
        0       Parent=Smp_135130.1
SM_V9_1 Liftoff CDS     83580106        83580197        .       -
        2       Parent=Smp_135130.1
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        0       Parent=Smp_135130.1
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        1       Parent=Smp_135130.1
SM_V9_1 Liftoff CDS     83590603        83590679        .       -
        0       Parent=Smp_135130.1
SM_V9_1 iris    gene    83601522        83621687        .       +
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SM_V9_1 iris    mRNA    83601522        83621687        .       +
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5120 ;owner=irisadmin@local.host;orig_id=Smp_135120.1;date_last_modi
fied=2022-08-12;Name=Smp_135120.1;product=Ribosome biogenesis
protein bop1-B;date_creation=2022-07-29
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        .       Parent=Smp_135120.1;Name=390ecc2c-739f-4663-bbe4-
d7f327a5c422
SM_V9_1 iris    exon    83601662        83601964        .       +
        .       Parent=Smp_135120.1;Name=02a1a5ed-a1a9-4a35-
af6d-3178d61f968a
SM_V9_1 iris    exon    83601996        83602097        .       +
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SM_V9_1 iris    exon    83604441        83604842        .       +
        .       Parent=Smp_135120.1;Name=1b9b2bcd-481b-4677-
ae43-9d5efc51e88c
SM_V9_1 iris    exon    83606096        83606367        .       +
        .       Parent=Smp_135120.1;Name=e3f8f05c-9d11-44b4-
b1e1-81693266c1d8
SM_V9_1 iris    exon    83609453        83609803        .       +
        .       Parent=Smp_135120.1;Name=67404161-6fdb-4300-aa59-
d251322a937f
SM_V9_1 iris    exon    83615049        83615193        .       +
        .       Parent=Smp_135120.1;Name=152bddeb-8dfc-4f60-a92a-
c63de1955282
SM_V9_1 iris    exon    83616511        83616708        .       +
        .       Parent=Smp_135120.1;Name=0782c84e-c169-4820-b7fa-
e84de52ef283
SM_V9_1 iris    exon    83617834        83618161        .       +
        .       Parent=Smp_135120.1;Name=1726ccdb-558d-49e8-8463-
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SM_V9_1 iris    exon    83618738        83618822        .       +
        .       Parent=Smp_135120.1;Name=8a2b99d2-04ba-4f5c-9eef-
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SM_V9_1 iris    exon    83620197        83620304        .       +
        .       Parent=Smp_135120.1;Name=9cd40885-5125-410b-
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SM_V9_1 iris    CDS     83601572        83601628        .       +
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SM_V9_1 iris    CDS     83601662        83601964        .       +
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SM_V9_1 iris    CDS     83601996        83602097        .       +
        0       Parent=Smp_135120.1
SM_V9_1 iris    CDS     83604441        83604842        .       +
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SM_V9_1 iris    CDS     83606096        83606367        .       +
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SM_V9_1 iris    CDS     83609453        83609803        .       +
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SM_V9_1 iris    CDS     83615049        83615193        .       +
        1       Parent=Smp_135120.1
SM_V9_1 iris    CDS     83616511        83616708        .       +
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SM_V9_1 iris    CDS     83617834        83618161        .       +
        0       Parent=Smp_135120.1
SM_V9_1 iris    CDS     83618738        83618822        .       +
        2       Parent=Smp_135120.1
SM_V9_1 iris    CDS     83620197        83620304        .       +
        1       Parent=Smp_135120.1
SM_V9_1 iris    CDS     83621351        83621513        .       +
        1       Parent=Smp_135120.1
SM_V9_1 Liftoff gene    83622584        83670959        .       -
        .       ID=Smp_023940;geneID=Smp_023940
SM_V9_1 Liftoff mRNA    83622584        83670959        .       -
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ID=Smp_023940.1;Parent=Smp_023940;geneID=Smp_023940;product=Golgin
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Pfam:PF01465;Ontology_term=GO:0000042,GO:0005515
SM_V9_1 Liftoff exon    83622584        83623060        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83626074        83626160        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83628110        83628157        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83630398        83630634        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83631872        83631959        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83632618        83632766        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83633203        83633379        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83634736        83634875        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83636359        83636513        .       -
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SM_V9_1 Liftoff exon    83638178        83638440        .       -
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        .       Parent=Smp_023940.1
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        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83646785        83647339        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83654548        83655912        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83657277        83657480        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83659479        83659823        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83664527        83664583        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff exon    83670858        83670959        .       -
        .       Parent=Smp_023940.1
SM_V9_1 Liftoff CDS     83623031        83623060        .       -
        0       Parent=Smp_023940.1
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        0       Parent=Smp_023940.1
SM_V9_1 Liftoff CDS     83628110        83628157        .       -
        0       Parent=Smp_023940.1
SM_V9_1 Liftoff CDS     83630398        83630634        .       -
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SM_V9_1 Liftoff CDS     83631872        83631959        .       -
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SM_V9_1 Liftoff CDS     83632618        83632766        .       -
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SM_V9_1 Liftoff CDS     83633203        83633379        .       -
        0       Parent=Smp_023940.1
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        2       Parent=Smp_023940.1
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SM_V9_1 Liftoff CDS     83657277        83657480        .       -
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SM_V9_1 Liftoff CDS     83659479        83659823        .       -
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SM_V9_1 Liftoff CDS     83664527        83664583        .       -
        0       Parent=Smp_023940.1
SM_V9_1 Liftoff CDS     83670858        83670905        .       -
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SM_V9_1 Liftoff mRNA    83622584        83670959        .       -
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SM_V9_1 Liftoff exon    83626074        83626160        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83628110        83628157        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83630398        83630634        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83631872        83631959        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83632618        83632766        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83633203        83633379        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83634736        83634875        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83636359        83636513        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83638178        83638440        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83641651        83641932        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83643944        83644765        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83646785        83647339        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83654548        83655912        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83657277        83657480        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83659479        83659823        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff exon    83670858        83670959        .       -
        .       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83623031        83623060        .       -
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SM_V9_1 Liftoff CDS     83626074        83626160        .       -
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SM_V9_1 Liftoff CDS     83628110        83628157        .       -
        0       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83630398        83630634        .       -
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SM_V9_1 Liftoff CDS     83631872        83631959        .       -
        1       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83632618        83632766        .       -
        0       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83633203        83633379        .       -
        0       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83634736        83634875        .       -
        2       Parent=Smp_023940.2
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SM_V9_1 Liftoff CDS     83636359        83636513        .       -
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SM_V9_1 Liftoff CDS     83638178        83638440        .       -
        0       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83641651        83641932        .       -
        0       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83643944        83644765        .       -
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SM_V9_1 Liftoff CDS     83646785        83647339        .       -
        0       Parent=Smp_023940.2
SM_V9_1 Liftoff CDS     83654548        83655912        .       -
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SM_V9_1 Liftoff CDS     83657277        83657480        .       -
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SM_V9_1 Liftoff CDS     83659479        83659823        .       -
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SM_V9_1 Liftoff CDS     83670858        83670905        .       -
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SM_V9_1 iris    gene    83681385        83686098        .       +
        .
ID=Smp_023930;geneID=Smp_023930;gene_name=Smp_023930;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    83681385        83686098        .       +
        .
ID=Smp_023930.1;Parent=Smp_023930;geneID=Smp_023930;gene_name=Smp_02
3930;owner=irisadmin@local.host;orig_id=Smp_023930.1;date_last_modif
ied=2022-08-01;Name=Smp_023930.1;product=Ribosome maturation factor
RimP;date_creation=2022-07-29
SM_V9_1 iris    exon    83681385        83681437        .       +
        .       Parent=Smp_023930.1;Name=92aa0e44-c930-4608-
a2f6-23ea444d496b
SM_V9_1 iris    exon    83683744        83684023        .       +
        .       Parent=Smp_023930.1;Name=0f4e4dda-2a70-44b9-
a937-25198a91d9bf
SM_V9_1 iris    exon    83685563        83686098        .       +
        .       Parent=Smp_023930.1;Name=70c40379-8810-4c9f-80f1-
de84924f3c8a
SM_V9_1 iris    CDS     83683788        83684023        .       +
        0       Parent=Smp_023930.1
SM_V9_1 iris    CDS     83685563        83685761        .       +
        1       Parent=Smp_023930.1
SM_V9_1 iris    gene    83693261        83750143        .       -
        .
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@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    83693261        83750143        .       -
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homolog;date_creation=2022-08-12
SM_V9_1 iris    exon    83693261        83693734        .       -
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        .       Parent=Smp_342950.1;Name=281c4584-5338-4cc0-9146-
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SM_V9_1 iris    exon    83702286        83702755        .       -
        .       Parent=Smp_342950.1;Name=d637f835-d1ac-4d36-9d37-
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SM_V9_1 iris    exon    83704557        83704659        .       -
        .       Parent=Smp_342950.1;Name=1f1b066e-69cf-43cd-b3f4-
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SM_V9_1 iris    exon    83706082        83707168        .       -
        .       Parent=Smp_342950.1;Name=25986115-
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SM_V9_1 iris    exon    83710360        83710543        .       -
        .       Parent=Smp_342950.1;Name=a7ae37c7-5165-44b0-
b2bf-380662b4fcaa
SM_V9_1 iris    exon    83723115        83723187        .       -
        .       Parent=Smp_342950.1;Name=b0321196-451f-4f11-
ad08-1949d2761ebd
SM_V9_1 iris    exon    83731036        83732184        .       -
        .       Parent=Smp_342950.1;Name=91166771-f12c-4728-8ec0-
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SM_V9_1 iris    exon    83744807        83745758        .       -
        .       Parent=Smp_342950.1;Name=7bcb7b69-cee3-4943-9b5e-
ac64d38b59f9
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        .       Parent=Smp_342950.1;Name=81ad1d82-e37a-46a4-ba93-
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SM_V9_1 iris    CDS     83693637        83693734        .       -
        2       Parent=Smp_342950.1
SM_V9_1 iris    CDS     83699956        83700502        .       -
        0       Parent=Smp_342950.1
SM_V9_1 iris    CDS     83702286        83702755        .       -
        2       Parent=Smp_342950.1
SM_V9_1 iris    CDS     83704557        83704659        .       -
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SM_V9_1 iris    CDS     83706082        83707168        .       -
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SM_V9_1 iris    CDS     83710360        83710543        .       -
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SM_V9_1 iris    CDS     83731036        83732184        .       -
        0       Parent=Smp_342950.1
SM_V9_1 iris    CDS     83744807        83745655        .       -
        0       Parent=Smp_342950.1
SM_V9_1 iris    gene    83830220        83862843        .       +
        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    83830220        83862843        .       +
        .
ID=Smp_135100.1;Parent=Smp_135100;geneID=Smp_135100;gene_name=Smp_13
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protein;date_creation=2022-07-29
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SM_V9_1 iris    exon    83830396        83830542        .       +
        .       Parent=Smp_135100.1;Name=5645a6d5-899b-4a45-b2fb-
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SM_V9_1 iris    exon    83832058        83832238        .       +
        .
Parent=Smp_135100.1;Name=5f02f51e-4672-44f7-8acb-522c92a5d444
SM_V9_1 iris    exon    83833711        83833815        .       +
        .
Parent=Smp_135100.1;Name=6a6f56f9-7cc2-42e4-9e19-02b935ca1807
SM_V9_1 iris    exon    83841871        83841930        .       +
        .       Parent=Smp_135100.1;Name=48504952-4705-47ab-aa00-
c8538438db87
SM_V9_1 iris    exon    83849470        83849591        .       +
        .
Parent=Smp_135100.1;Name=74c2867f-02cb-4b04-9b45-2934ba24f322
SM_V9_1 iris    exon    83853404        83853523        .       +
        .
Parent=Smp_135100.1;Name=75e7c1a1-26b1-48f0-9094-284f4229032f
SM_V9_1 iris    exon    83860219        83860381        .       +
        .       Parent=Smp_135100.1;Name=d8a40f49-3cf1-46e5-
ac85-22218b6f198d
SM_V9_1 iris    exon    83862479        83862843        .       +
        .       Parent=Smp_135100.1;Name=f9b26a1a-8666-4f32-b1d4-
d64d78b911b3
SM_V9_1 iris    CDS     83830323        83830361        .       +
        0       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83830396        83830542        .       +
        0       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83832058        83832238        .       +
        0       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83833711        83833815        .       +
        2       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83841871        83841930        .       +
        2       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83849470        83849591        .       +
        2       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83853404        83853523        .       +
        0       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83860219        83860381        .       +
        0       Parent=Smp_135100.1
SM_V9_1 iris    CDS     83862479        83862666        .       +
        2       Parent=Smp_135100.1
SM_V9_1 iris    gene    83873513        83906095        .       +
        .
ID=Smp_135080;geneID=Smp_135080;gene_name=Smp_135080;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    83873513        83906095        .       +
        .
ID=Smp_135080.1;Parent=Smp_135080;geneID=Smp_135080;gene_name=Smp_13
5080;owner=irisadmin@local.host;orig_id=Smp_135080.1;date_last_modif
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ied=2022-08-01;Name=Smp_135080.1;product=Electromotor neuron-
associated protein 2 (Fragment);date_creation=2022-07-29
SM_V9_1 iris    exon    83873513        83873652        .       +
        .
Parent=Smp_135080.1;Name=c99858d2-65a5-4dd9-9866-685e5114d53b
SM_V9_1 iris    exon    83875921        83876007        .       +
        .       Parent=Smp_135080.1;Name=26e49557-1d62-4dc8-91ad-
e9fcdb2d4ed9
SM_V9_1 iris    exon    83877694        83877944        .       +
        .       Parent=Smp_135080.1;Name=3ed1284d-0bbb-4d73-
ad08-343bec6f5848
SM_V9_1 iris    exon    83880257        83880473        .       +
        .       Parent=Smp_135080.1;Name=a2b78b97-0432-41bd-9e8b-
d4569b255f0d
SM_V9_1 iris    exon    83882999        83883245        .       +
        .
Parent=Smp_135080.1;Name=c6032171-3a97-493b-8a06-867c820b112d
SM_V9_1 iris    exon    83886818        83887127        .       +
        .       Parent=Smp_135080.1;Name=a97f177c-3bd1-4fff-8d5d-
af11a64d6a77
SM_V9_1 iris    exon    83887490        83887651        .       +
        .       Parent=Smp_135080.1;Name=73a03079-dace-421b-8a05-
d4a6c655a479
SM_V9_1 iris    exon    83892404        83892617        .       +
        .
Parent=Smp_135080.1;Name=5cec60a1-12a3-4cf6-9a77-5af897b00aa6
SM_V9_1 iris    exon    83892735        83893040        .       +
        .       Parent=Smp_135080.1;Name=f908f1d8-9652-459e-a2ae-
b93d016fdbee
SM_V9_1 iris    exon    83897853        83898248        .       +
        .
Parent=Smp_135080.1;Name=6554a4d1-559e-415b-852e-53801b6de37d
SM_V9_1 iris    exon    83900490        83900552        .       +
        .       Parent=Smp_135080.1;Name=57043847-6845-4547-ba0d-
a5b277a74f22
SM_V9_1 iris    exon    83902031        83902102        .       +
        .       Parent=Smp_135080.1;Name=d3b989b3-67ac-404b-9bb5-
b8186c347d6f
SM_V9_1 iris    exon    83904608        83906095        .       +
        .       Parent=Smp_135080.1;Name=cfe438ed-
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SM_V9_1 iris    CDS     83873568        83873652        .       +
        0       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83875921        83876007        .       +
        2       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83877694        83877944        .       +
        2       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83880257        83880473        .       +
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SM_V9_1 iris    CDS     83882999        83883245        .       +
        2       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83886818        83887127        .       +
        1       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83887490        83887651        .       +
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SM_V9_1 iris    CDS     83892404        83892617        .       +
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SM_V9_1 iris    CDS     83892735        83893040        .       +
        2       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83897853        83898248        .       +
        2       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83900490        83900552        .       +
        2       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83902031        83902102        .       +
        2       Parent=Smp_135080.1
SM_V9_1 iris    CDS     83904608        83905125        .       +
        2       Parent=Smp_135080.1
SM_V9_1 Liftoff gene    83940456        83950283        .       +
        .
ID=Smp_342940;geneID=Smp_342940;previous_systematic_id=Smp_135070
SM_V9_1 Liftoff mRNA    83940456        83950283        .       +
        .
ID=Smp_342940.1;Parent=Smp_342940;geneID=Smp_342940;product=Uncharac
terized protein SJCHGC09803;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_1 Liftoff exon    83940456        83941302        .       +
        .       Parent=Smp_342940.1
SM_V9_1 Liftoff exon    83949991        83950283        .       +
        .       Parent=Smp_342940.1
SM_V9_1 Liftoff CDS     83941209        83941302        .       +
        0       Parent=Smp_342940.1
SM_V9_1 Liftoff CDS     83949991        83950208        .       +
        2       Parent=Smp_342940.1
SM_V9_1 iris    gene    83951676        84067785        .       -
        .
ID=Smp_245590;geneID=Smp_245590;gene_name=Smp_245590;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    83951676        84067785        .       -
        .
ID=Smp_245590.1;Parent=Smp_245590;geneID=Smp_245590;gene_name=Smp_24
5590;owner=irisadmin@local.host;orig_id=Smp_245590.1;date_last_modif
ied=2022-08-01;Name=Smp_245590.1;product=Microtubule-actin cross-
linking factor 1;date_creation=2022-07-29
SM_V9_1 iris    exon    83951676        83952291        .       -
        .
Parent=Smp_245590.1;Name=6933d060-2ae4-48d9-8d9c-15864714cf1e
SM_V9_1 iris    exon    83954932        83955264        .       -
        .       Parent=Smp_245590.1;Name=940cf461-174d-4c65-
bd4c-32d762341dfe
SM_V9_1 iris    exon    83957597        83957714        .       -
        .       Parent=Smp_245590.1;Name=b250f2d9-939d-4e9b-af60-
ffb185b68be8
SM_V9_1 iris    exon    83958388        83958501        .       -
        .       Parent=Smp_245590.1;Name=0a683c4b-1a6a-4660-94a8-
d143eb526e4f
SM_V9_1 iris    exon    83960381        83960917        .       -
        .       Parent=Smp_245590.1;Name=0370f590-634d-48d0-
b8cd-0acd736ecfe6
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SM_V9_1 iris    exon    83962922        83963248        .       -
        .       Parent=Smp_245590.1;Name=699b8bf6-2460-41cb-ac46-
ba3061e52d5d
SM_V9_1 iris    exon    83964933        83965394        .       -
        .       Parent=Smp_245590.1;Name=db5e0e25-05ca-4b41-
aa1d-808bc285291a
SM_V9_1 iris    exon    83970292        83970681        .       -
        .
Parent=Smp_245590.1;Name=10137e74-2c3d-40c4-8201-4258fd6b68d1
SM_V9_1 iris    exon    83972169        83972315        .       -
        .       Parent=Smp_245590.1;Name=d8fe59e8-aa1d-4c5b-817e-
a71c572afa20
SM_V9_1 iris    exon    83973949        83974309        .       -
        .       Parent=Smp_245590.1;Name=46825ce5-06dc-49f9-943c-
f1fccb4bf141
SM_V9_1 iris    exon    83979922        83980088        .       -
        .       Parent=Smp_245590.1;Name=e52758ef-4110-4d54-973a-
ebb2880ef5ea
SM_V9_1 iris    exon    83982321        83982437        .       -
        .       Parent=Smp_245590.1;Name=4d9640a7-c8ff-4578-9d10-
bc6cf0b38ed2
SM_V9_1 iris    exon    83983301        83983507        .       -
        .       Parent=Smp_245590.1;Name=0268f2e1-5974-42cd-
b2d0-50bb5fd6397d
SM_V9_1 iris    exon    83984916        83985353        .       -
        .
Parent=Smp_245590.1;Name=85e70aa8-2fd0-4ec7-8506-59e4cc04dc05
SM_V9_1 iris    exon    83987470        83987601        .       -
        .
Parent=Smp_245590.1;Name=74af837d-7160-423a-8dc6-9fd4844761f2
SM_V9_1 iris    exon    83988349        83988381        .       -
        .       Parent=Smp_245590.1;Name=e3922566-dcb5-4d68-
aa22-09274050f886
SM_V9_1 iris    exon    83990616        83990837        .       -
        .       Parent=Smp_245590.1;Name=c772d9d0-1d6a-4305-8207-
b0ac7445adea
SM_V9_1 iris    exon    83992853        83993065        .       -
        .       Parent=Smp_245590.1;Name=5439a5b7-a29e-40b9-
a6a7-74b843c26646
SM_V9_1 iris    exon    83994585        83994854        .       -
        .       Parent=Smp_245590.1;Name=d7e8b33b-62ea-414d-bab3-
ad9cc10ae4b4
SM_V9_1 iris    exon    83996571        83996681        .       -
        .       Parent=Smp_245590.1;Name=485b93d2-c0ac-4a44-ac8d-
ea68108071cb
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        .       Parent=Smp_245590.1;Name=e26174b9-
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SM_V9_1 iris    exon    83999833        83999958        .       -
        .       Parent=Smp_245590.1;Name=c544589a-beca-4f4b-a51e-
e48729db8ced
SM_V9_1 iris    exon    84000655        84000839        .       -
        .       Parent=Smp_245590.1;Name=ffd0bb6e-2de6-486b-
a33c-2604e7e92ec1
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SM_V9_1 iris    exon    84003295        84003565        .       -
        .       Parent=Smp_245590.1;Name=8954f082-7615-419d-
b9a9-1847d73f1f8f
SM_V9_1 iris    exon    84004395        84004775        .       -
        .       Parent=Smp_245590.1;Name=4a600749-
eefa-48f5-82ec-4003ab658b16
SM_V9_1 iris    exon    84011360        84011842        .       -
        .       Parent=Smp_245590.1;Name=04a2a257-45c9-4ecf-
b518-3762820db0bb
SM_V9_1 iris    exon    84016313        84016456        .       -
        .       Parent=Smp_245590.1;Name=9702b09a-fbf8-42c6-b918-
a24b03f6597e
SM_V9_1 iris    exon    84022664        84023490        .       -
        .       Parent=Smp_245590.1;Name=ab05db04-c1df-40b6-
ab4d-6223e2c1c3dc
SM_V9_1 iris    exon    84028127        84029352        .       -
        .       Parent=Smp_245590.1;Name=46578a7d-afe9-4955-
ab7b-18a360914833
SM_V9_1 iris    exon    84033234        84033592        .       -
        .       Parent=Smp_245590.1;Name=63cbb5f1-75ab-4323-8611-
e524ce0f0aba
SM_V9_1 iris    exon    84045967        84046055        .       -
        .       Parent=Smp_245590.1;Name=5fb0e4a5-468d-4e21-975a-
a5aa6180b340
SM_V9_1 iris    exon    84047070        84047265        .       -
        .       Parent=Smp_245590.1;Name=b09d2ebe-be07-4a1c-
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SM_V9_1 iris    exon    84054494        84054542        .       -
        .       Parent=Smp_245590.1;Name=45afbb93-0084-4b3e-ba4d-
da5cee239c6e
SM_V9_1 iris    exon    84056975        84057153        .       -
        .       Parent=Smp_245590.1;Name=c48fed35-
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SM_V9_1 iris    exon    84061794        84061970        .       -
        .       Parent=Smp_245590.1;Name=9122e202-4c0c-49a0-9507-
d5e8e1b0c013
SM_V9_1 iris    exon    84064035        84064175        .       -
        .       Parent=Smp_245590.1;Name=e975144a-771e-48c4-9d64-
b81a8f50eb66
SM_V9_1 iris    exon    84064691        84064849        .       -
        .       Parent=Smp_245590.1;Name=0b062c84-0926-4ac5-bab2-
df97cbb2005e
SM_V9_1 iris    exon    84067722        84067785        .       -
        .       Parent=Smp_245590.1;Name=199b7f23-d425-4db3-
a815-280a5acde7d2
SM_V9_1 iris    CDS     83952221        83952291        .       -
        2       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83954932        83955264        .       -
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SM_V9_1 iris    CDS     83957597        83957714        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83958388        83958501        .       -
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SM_V9_1 iris    CDS     83960381        83960917        .       -
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        0       Parent=Smp_245590.1
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SM_V9_1 iris    CDS     83964933        83965394        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83970292        83970681        .       -
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SM_V9_1 iris    CDS     83972169        83972315        .       -
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SM_V9_1 iris    CDS     83973949        83974309        .       -
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SM_V9_1 iris    CDS     83979922        83980088        .       -
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SM_V9_1 iris    CDS     83982321        83982437        .       -
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SM_V9_1 iris    CDS     83983301        83983507        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83984916        83985353        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83987470        83987601        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83988349        83988381        .       -
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SM_V9_1 iris    CDS     83990616        83990837        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83992853        83993065        .       -
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        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83996571        83996681        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83997545        83997865        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     83999833        83999958        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84000655        84000839        .       -
        2       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84003295        84003565        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84004395        84004775        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84011360        84011842        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84016313        84016456        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84022664        84023490        .       -
        2       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84028127        84029352        .       -
        1       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84033234        84033592        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84045967        84046055        .       -
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SM_V9_1 iris    CDS     84047070        84047265        .       -
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SM_V9_1 iris    CDS     84056975        84057153        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84061794        84061970        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84064035        84064175        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    CDS     84064691        84064810        .       -
        0       Parent=Smp_245590.1
SM_V9_1 iris    gene    84077538        84079949        .       +
        .
ID=Smp_023840;geneID=Smp_023840;gene_name=Smp_023840;owner=irisadmin
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SM_V9_1 iris    mRNA    84077538        84079949        .       +
        .
ID=Smp_023840.1;Parent=Smp_023840;geneID=Smp_023840;gene_name=Smp_02
3840;owner=irisadmin@local.host;orig_id=Smp_023840.1;date_last_modif
ied=2022-08-16;Name=Smp_023840.1;product=Death-associated protein
1;date_creation=2022-08-16
SM_V9_1 iris    exon    84077538        84077637        .       +
        .
Parent=Smp_023840.1;Name=2d3ef308-9a36-4f2a-89bf-00ee1b786539
SM_V9_1 iris    exon    84077678        84077738        .       +
        .       Parent=Smp_023840.1;Name=f1f1fab5-b51c-43e0-
ad45-82b295755e81
SM_V9_1 iris    exon    84077773        84077809        .       +
        .
Parent=Smp_023840.1;Name=939c353e-5d42-4752-9a64-335859aeca49
SM_V9_1 iris    exon    84079753        84079949        .       +
        .       Parent=Smp_023840.1;Name=edccfb8a-f3d6-41a5-8721-
b1bb50cc569c
SM_V9_1 iris    CDS     84077589        84077637        .       +
        0       Parent=Smp_023840.1
SM_V9_1 iris    CDS     84077678        84077738        .       +
        2       Parent=Smp_023840.1
SM_V9_1 iris    CDS     84077773        84077809        .       +
        1       Parent=Smp_023840.1
SM_V9_1 iris    CDS     84079753        84079869        .       +
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        .
ID=Smp_340440;geneID=Smp_340440;previous_systematic_id=Smp_023830
SM_V9_1 Liftoff mRNA    84079907        84085122        .       -
        .
ID=Smp_340440.1;Parent=Smp_340440;geneID=Smp_340440;product=Uracil
phosphoribosyltransferase
SM_V9_1 Liftoff exon    84079907        84080544        .       -
        .       Parent=Smp_340440.1
SM_V9_1 Liftoff exon    84084516        84085122        .       -
        .       Parent=Smp_340440.1
SM_V9_1 Liftoff CDS     84079959        84080544        .       -
        1       Parent=Smp_340440.1
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SM_V9_1 Liftoff CDS     84084516        84084556        .       -
        0       Parent=Smp_340440.1
SM_V9_1 Liftoff mRNA    84079907        84109062        .       -
        .
ID=Smp_340440.2;Parent=Smp_340440;geneID=Smp_340440;product=Hypothet
ical protein
SM_V9_1 Liftoff exon    84079907        84080544        .       -
        .       Parent=Smp_340440.2
SM_V9_1 Liftoff exon    84084516        84084600        .       -
        .       Parent=Smp_340440.2
SM_V9_1 Liftoff exon    84102791        84102851        .       -
        .       Parent=Smp_340440.2
SM_V9_1 Liftoff exon    84108444        84109062        .       -
        .       Parent=Smp_340440.2
SM_V9_1 Liftoff CDS     84079959        84080544        .       -
        1       Parent=Smp_340440.2
SM_V9_1 Liftoff CDS     84084516        84084600        .       -
        2       Parent=Smp_340440.2
SM_V9_1 Liftoff CDS     84102791        84102851        .       -
        0       Parent=Smp_340440.2
SM_V9_1 Liftoff CDS     84108444        84108662        .       -
        0       Parent=Smp_340440.2
SM_V9_1 Liftoff gene    84117586        84196758        .       +
        .       ID=Smp_135040;geneID=Smp_135040
SM_V9_1 Liftoff mRNA    84117586        84196758        .       +
        .
ID=Smp_135040.1;Parent=Smp_135040;geneID=Smp_135040;product=Gamma-
aminobutyric acid receptor subunit
gamma-2;polypeptide_domain=InterPro:IPR006029,IPR006202;Ontology_ter
m=GO:0005230,GO:0006811,GO:0016021
SM_V9_1 Liftoff exon    84117586        84119828        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84144907        84145695        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84151909        84152037        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84152627        84152824        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84156224        84156331        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84167950        84168099        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84170591        84170746        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84176029        84176323        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84181222        84181580        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84185202        84185249        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84187104        84187160        .       +
        .       Parent=Smp_135040.1
SM_V9_1 Liftoff exon    84195535        84196758        .       +
        .       Parent=Smp_135040.1
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SM_V9_1 Liftoff CDS     84118704        84119828        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84144907        84145695        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84151909        84152037        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84152627        84152824        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84156224        84156331        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84167950        84168099        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84170591        84170746        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84176029        84176323        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84181222        84181580        .       +
        2       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84185202        84185249        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84187104        84187160        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff CDS     84195535        84195588        .       +
        0       Parent=Smp_135040.1
SM_V9_1 Liftoff mRNA    84117586        84196758        .       +
        .
ID=Smp_135040.2;Parent=Smp_135040;geneID=Smp_135040;product=Gamma-
aminobutyric acid receptor subunit
gamma-2;polypeptide_domain=InterPro:IPR006029,IPR006202;Ontology_ter
m=GO:0005230,GO:0006811,GO:0016021
SM_V9_1 Liftoff exon    84117586        84119828        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84144907        84145695        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84151909        84152037        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84152627        84152824        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84156224        84156331        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84167950        84168099        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84170591        84170746        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84176029        84176323        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84181222        84181580        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84185202        84185249        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff exon    84195535        84196758        .       +
        .       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84118704        84119828        .       +
        0       Parent=Smp_135040.2
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SM_V9_1 Liftoff CDS     84144907        84145695        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84151909        84152037        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84152627        84152824        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84156224        84156331        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84167950        84168099        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84170591        84170746        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84176029        84176323        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84181222        84181580        .       +
        2       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84185202        84185249        .       +
        0       Parent=Smp_135040.2
SM_V9_1 Liftoff CDS     84195535        84195588        .       +
        0       Parent=Smp_135040.2
SM_V9_1 iris    gene    84220473        84224581        .       -
        .
ID=Smp_320400;geneID=Smp_320400;gene_name=Smp_320400;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_1 iris    mRNA    84220473        84224581        .       -
        .
ID=Smp_320400.1;Parent=Smp_320400;geneID=Smp_320400;gene_name=Smp_32
0400;owner=irisadmin@local.host;orig_id=Smp_320400.1;date_last_modif
ied=2022-08-03;Name=Smp_320400.1;product=Dynein light chain 2,
cytoplasmic;date_creation=2022-08-03
SM_V9_1 iris    exon    84220473        84220842        .       -
        .       Parent=Smp_320400.1;Name=5f8ff8e1-
c883-4beb-8a4a-11de8116bdfb
SM_V9_1 iris    exon    84224182        84224581        .       -
        .       Parent=Smp_320400.1;Name=e3f53c86-dba5-43e1-bd6d-
e0834cbb3f31
SM_V9_1 iris    CDS     84220764        84220842        .       -
        1       Parent=Smp_320400.1
SM_V9_1 iris    CDS     84224182        84224372        .       -
        0       Parent=Smp_320400.1
SM_V9_1 Liftoff gene    84242756        84252130        .       +
        .       ID=Smp_135030;geneID=Smp_135030
SM_V9_1 Liftoff mRNA    84242756        84252130        .       +
        .
ID=Smp_135030.1;Parent=Smp_135030;geneID=Smp_135030;product=Ribosome
-associated molecular chaperone SSB
SM_V9_1 Liftoff exon    84242756        84243048        .       +
        .       Parent=Smp_135030.1
SM_V9_1 Liftoff exon    84251553        84251701        .       +
        .       Parent=Smp_135030.1
SM_V9_1 Liftoff exon    84251765        84251864        .       +
        .       Parent=Smp_135030.1
SM_V9_1 Liftoff exon    84251899        84252130        .       +
        .       Parent=Smp_135030.1
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SM_V9_1 Liftoff CDS     84243042        84243048        .       +
        0       Parent=Smp_135030.1
SM_V9_1 Liftoff CDS     84251553        84251701        .       +
        2       Parent=Smp_135030.1
SM_V9_1 Liftoff CDS     84251765        84251864        .       +
        0       Parent=Smp_135030.1
SM_V9_1 Liftoff CDS     84251899        84252017        .       +
        2       Parent=Smp_135030.1
SM_V9_1 Liftoff gene    84290346        84389314        .       +
        .       ID=Smp_044060;geneID=Smp_044060
SM_V9_1 Liftoff mRNA    84290346        84389314        .       +
        .
ID=Smp_044060.1;Parent=Smp_044060;geneID=Smp_044060;product=High
affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic
phosphodiesterase
8A;polypeptide_domain=InterPro:IPR002073,IPR003607,IPR023088,IPR0231
74 Pfam:PF00233;Ontology_term=GO:0004114,GO:0007165,GO:0008081
SM_V9_1 Liftoff exon    84290346        84290824        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84338588        84338749        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84342537        84342739        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84345521        84345578        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84354165        84354446        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84357508        84357656        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84361318        84361339        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84364287        84364308        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84365876        84365949        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84369320        84369493        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84371182        84371248        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84372441        84372564        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84373917        84374115        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84376045        84376175        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84378276        84378362        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84380267        84380393        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84382479        84382733        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84385203        84385332        .       +
        .       Parent=Smp_044060.1
SM_V9_1 Liftoff exon    84387518        84389314        .       +
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        .       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84290750        84290824        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84338588        84338749        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84342537        84342739        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84345521        84345578        .       +
        1       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84354165        84354446        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84357508        84357656        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84361318        84361339        .       +
        1       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84364287        84364308        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84365876        84365949        .       +
        2       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84369320        84369493        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84371182        84371248        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84372441        84372564        .       +
        2       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84373917        84374115        .       +
        1       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84376045        84376175        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84378276        84378362        .       +
        1       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84380267        84380393        .       +
        1       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84382479        84382733        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84385203        84385332        .       +
        0       Parent=Smp_044060.1
SM_V9_1 Liftoff CDS     84387518        84387654        .       +
        2       Parent=Smp_044060.1
SM_V9_1 iris    gene    84394082        84497975        .       -
        .
ID=Smp_248100;geneID=Smp_248100;gene_name=Smp_248100;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    84394082        84497975        .       -
        .
ID=Smp_248100.1;Parent=Smp_248100;geneID=Smp_248100;gene_name=Smp_24
8100;owner=irisadmin@local.host;orig_id=Smp_248100.1;date_last_modif
ied=2022-07-18;Name=Smp_248100.1;product=Ecdysone-induced protein
78C;date_creation=2022-07-18
SM_V9_1 iris    exon    84394082        84397091        .       -
        .       Parent=Smp_248100.1;Name=a6abfe21-bad8-437d-
bab7-5e6fab46adb6
SM_V9_1 iris    exon    84400558        84401039        .       -
        .       Parent=Smp_248100.1;Name=9914593a-ebc0-43f4-
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bbe2-88610a3de2db
SM_V9_1 iris    exon    84403143        84403209        .       -
        .       Parent=Smp_248100.1;Name=cd93ad42-
cc5a-4fca-8abd-26de4b5c49ed
SM_V9_1 iris    exon    84410898        84411730        .       -
        .       Parent=Smp_248100.1;Name=0a368559-22d9-42ff-
a14e-71b9446ff42f
SM_V9_1 iris    exon    84414637        84415761        .       -
        .       Parent=Smp_248100.1;Name=46eda7c7-a0f6-4b08-9071-
ba14c0abc71f
SM_V9_1 iris    exon    84417721        84417850        .       -
        .       Parent=Smp_248100.1;Name=3ddd962a-
f06d-4aa0-8319-8db3b407ea80
SM_V9_1 iris    exon    84431357        84431458        .       -
        .       Parent=Smp_248100.1;Name=f64cd22c-5e6b-4ce8-9776-
c14fc0ad70ce
SM_V9_1 iris    exon    84475701        84476996        .       -
        .       Parent=Smp_248100.1;Name=0041b83c-afa9-46ae-
b053-45c521a92994
SM_V9_1 iris    exon    84497224        84497975        .       -
        .       Parent=Smp_248100.1;Name=9b1a0d05-fb4b-4f8d-87bf-
ebe19d419f70
SM_V9_1 iris    CDS     84395970        84397091        .       -
        0       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84400558        84401039        .       -
        2       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84403143        84403209        .       -
        0       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84410898        84411730        .       -
        2       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84414637        84415761        .       -
        2       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84417721        84417850        .       -
        0       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84431357        84431458        .       -
        0       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84475701        84476996        .       -
        0       Parent=Smp_248100.1
SM_V9_1 iris    CDS     84497224        84497613        .       -
        0       Parent=Smp_248100.1
SM_V9_1 Liftoff gene    84506136        84523160        .       +
        .       ID=Smp_044020;geneID=Smp_044020
SM_V9_1 Liftoff mRNA    84506136        84523160        .       +
        .
ID=Smp_044020.1;Parent=Smp_044020;geneID=Smp_044020;product=Mitochon
drial folate transporter/
carrier;polypeptide_domain=InterPro:IPR002067,IPR018108,IPR023395
Pfam:PF00153;Ontology_term=GO:0055085
SM_V9_1 Liftoff exon    84506136        84514661        .       +
        .       Parent=Smp_044020.1
SM_V9_1 Liftoff exon    84516009        84516137        .       +
        .       Parent=Smp_044020.1
SM_V9_1 Liftoff exon    84517668        84517756        .       +
        .       Parent=Smp_044020.1
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SM_V9_1 Liftoff exon    84518473        84518780        .       +
        .       Parent=Smp_044020.1
SM_V9_1 Liftoff exon    84519797        84519942        .       +
        .       Parent=Smp_044020.1
SM_V9_1 Liftoff exon    84522827        84523160        .       +
        .       Parent=Smp_044020.1
SM_V9_1 Liftoff CDS     84514516        84514661        .       +
        0       Parent=Smp_044020.1
SM_V9_1 Liftoff CDS     84516009        84516137        .       +
        1       Parent=Smp_044020.1
SM_V9_1 Liftoff CDS     84517668        84517756        .       +
        1       Parent=Smp_044020.1
SM_V9_1 Liftoff CDS     84518473        84518780        .       +
        2       Parent=Smp_044020.1
SM_V9_1 Liftoff CDS     84519797        84519942        .       +
        0       Parent=Smp_044020.1
SM_V9_1 Liftoff CDS     84522827        84522950        .       +
        1       Parent=Smp_044020.1
SM_V9_1 iris    gene    84528736        84550415        .       +
        .
ID=Smp_340760;geneID=Smp_340760;gene_name=Smp_340760;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    84528736        84550415        .       +
        .
ID=Smp_340760.1;Parent=Smp_340760;geneID=Smp_340760;gene_name=Smp_34
0760;owner=irisadmin@local.host;orig_id=Smp_340760.3;date_last_modif
ied=2022-07-18;Name=Smp_340760.1;product=Tropomyosin;date_creation=2
022-07-18
SM_V9_1 iris    exon    84528736        84528935        .       +
        .       Parent=Smp_340760.1;Name=bc2140b8-3356-4113-
a0af-8f1de971745d
SM_V9_1 iris    exon    84530278        84530455        .       +
        .       Parent=Smp_340760.1;Name=e9e29c35-1aea-41f4-
b433-200c6c3d9654
SM_V9_1 iris    exon    84534344        84534477        .       +
        .       Parent=Smp_340760.1;Name=5ff68ce5-
eb98-48af-962c-1705346dafd1
SM_V9_1 iris    exon    84534768        84534885        .       +
        .       Parent=Smp_340760.1;Name=8df3a233-09e7-4af3-b4d5-
bd2f710f0a69
SM_V9_1 iris    exon    84537242        84537312        .       +
        .       Parent=Smp_340760.1;Name=90ce3bde-09c8-4c6f-ab35-
e8d17daee016
SM_V9_1 iris    exon    84541352        84541427        .       +
        .       Parent=Smp_340760.1;Name=3caf8174-7afa-4be9-ae75-
c3df181072c9
SM_V9_1 iris    exon    84544173        84544235        .       +
        .       Parent=Smp_340760.1;Name=181d3aa1-fa1a-4d6b-
a542-8850b10251b3
SM_V9_1 iris    exon    84547282        84547351        .       +
        .       Parent=Smp_340760.1;Name=f83cd7e4-9a2c-42e6-
ad88-85805540aeaf
SM_V9_1 iris    exon    84550009        84550415        .       +
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Parent=Smp_340760.1;Name=5bd10d84-1bc3-43a2-87b3-5226b0c57967
SM_V9_1 iris    CDS     84528874        84528935        .       +
        0       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84530278        84530455        .       +
        1       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84534344        84534477        .       +
        0       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84534768        84534885        .       +
        1       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84537242        84537312        .       +
        0       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84541352        84541427        .       +
        1       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84544173        84544235        .       +
        0       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84547282        84547351        .       +
        0       Parent=Smp_340760.1
SM_V9_1 iris    CDS     84550009        84550091        .       +
        2       Parent=Smp_340760.1
SM_V9_1 iris    mRNA    84533576        84549479        .       +
        .
ID=Smp_340760.2;Parent=Smp_340760;geneID=Smp_340760;gene_name=Smp_34
0760;owner=irisadmin@local.host;orig_id=Smp_340760.2;date_last_modif
ied=2022-07-18;Name=Smp_340760.2;product=Tropomyosin;date_creation=2
022-07-18
SM_V9_1 iris    exon    84533576        84533738        .       +
        .       Parent=Smp_340760.2;Name=12ca599d-81e5-42db-9ae1-
c77a9dc22363
SM_V9_1 iris    exon    84534344        84534477        .       +
        .
Parent=Smp_340760.2;Name=882b182e-1f7f-4923-8486-7c7d6f508374
SM_V9_1 iris    exon    84534565        84534682        .       +
        .
Parent=Smp_340760.2;Name=c4c18979-4dcd-4442-8591-8eeee1884920
SM_V9_1 iris    exon    84537577        84537647        .       +
        .       Parent=Smp_340760.2;Name=da7285e8-bd98-4543-
bd2a-4ef841eb360d
SM_V9_1 iris    exon    84538716        84538791        .       +
        .       Parent=Smp_340760.2;Name=2e57c82c-f792-468b-
ac85-82cc9cded41b
SM_V9_1 iris    exon    84545025        84545087        .       +
        .
Parent=Smp_340760.2;Name=28d8614d-3e2d-432e-8e44-50af1b01da89
SM_V9_1 iris    exon    84547617        84547686        .       +
        .       Parent=Smp_340760.2;Name=5e7ccaf5-
eafb-4cc0-9e9f-9af039891741
SM_V9_1 iris    exon    84549032        84549479        .       +
        .
Parent=Smp_340760.2;Name=b25c3f54-5855-486d-92bd-2928e2b422e5
SM_V9_1 iris    CDS     84533607        84533738        .       +
        0       Parent=Smp_340760.2
SM_V9_1 iris    CDS     84534344        84534477        .       +
        0       Parent=Smp_340760.2
SM_V9_1 iris    CDS     84534565        84534682        .       +
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        1       Parent=Smp_340760.2
SM_V9_1 iris    CDS     84537577        84537647        .       +
        0       Parent=Smp_340760.2
SM_V9_1 iris    CDS     84538716        84538791        .       +
        1       Parent=Smp_340760.2
SM_V9_1 iris    CDS     84545025        84545087        .       +
        0       Parent=Smp_340760.2
SM_V9_1 iris    CDS     84547617        84547686        .       +
        0       Parent=Smp_340760.2
SM_V9_1 iris    CDS     84549032        84549114        .       +
        2       Parent=Smp_340760.2
SM_V9_1 iris    gene    84558086        84567180        .       +
        .
ID=Smp_044000;geneID=Smp_044000;gene_name=Smp_044000;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    84558086        84567180        .       +
        .
ID=Smp_044000.1;Parent=Smp_044000;geneID=Smp_044000;gene_name=Smp_04
4000;owner=irisadmin@local.host;orig_id=Smp_044000.1;date_last_modif
ied=2022-07-18;Name=Smp_044000.1;product=Probable Bax inhibitor
1;date_creation=2022-07-18
SM_V9_1 iris    exon    84558086        84558195        .       +
        .       Parent=Smp_044000.1;Name=797bf4e3-3a3f-411c-89ea-
fdd5f5016120
SM_V9_1 iris    exon    84558234        84558342        .       +
        .       Parent=Smp_044000.1;Name=8a2616ee-3798-41e7-
a891-7d77287d67dc
SM_V9_1 iris    exon    84560649        84560784        .       +
        .       Parent=Smp_044000.1;Name=0715c0c0-5073-4503-83dc-
a1d716cef5ae
SM_V9_1 iris    exon    84562075        84562221        .       +
        .       Parent=Smp_044000.1;Name=53bb8db8-7f39-46ee-8f9e-
a2eab5952aec
SM_V9_1 iris    exon    84563630        84563810        .       +
        .       Parent=Smp_044000.1;Name=f7dbb13f-3849-46cc-adb1-
a13ceab4da43
SM_V9_1 iris    exon    84565152        84565224        .       +
        .
Parent=Smp_044000.1;Name=1d1d70e1-23da-4d72-8bec-4122a57f276f
SM_V9_1 iris    exon    84566780        84567180        .       +
        .
Parent=Smp_044000.1;Name=acdbf4cb-83e1-4066-9a9c-71d39a48eb0c
SM_V9_1 iris    CDS     84558161        84558195        .       +
        0       Parent=Smp_044000.1
SM_V9_1 iris    CDS     84558234        84558342        .       +
        1       Parent=Smp_044000.1
SM_V9_1 iris    CDS     84560649        84560784        .       +
        0       Parent=Smp_044000.1
SM_V9_1 iris    CDS     84562075        84562221        .       +
        2       Parent=Smp_044000.1
SM_V9_1 iris    CDS     84563630        84563810        .       +
        2       Parent=Smp_044000.1
SM_V9_1 iris    CDS     84565152        84565224        .       +
        1       Parent=Smp_044000.1
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SM_V9_1 iris    CDS     84566780        84566803        .       +
        0       Parent=Smp_044000.1
SM_V9_1 iris    gene    84572281        84581822        .       -
        .
ID=Smp_043990;geneID=Smp_043990;gene_name=Smp_043990;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    84572281        84581822        .       -
        .
ID=Smp_043990.1;Parent=Smp_043990;geneID=Smp_043990;gene_name=Smp_04
3990;owner=irisadmin@local.host;orig_id=Smp_043990.1;date_last_modif
ied=2022-07-18;Name=Smp_043990.1;product=Basigin;date_creation=2022-
07-18
SM_V9_1 iris    exon    84572281        84573055        .       -
        .
Parent=Smp_043990.1;Name=b07523e5-8972-407d-9cfa-0342151dd956
SM_V9_1 iris    exon    84577288        84577579        .       -
        .       Parent=Smp_043990.1;Name=70119f8f-2f6a-4f0e-9e89-
c0d1e1946ed9
SM_V9_1 iris    exon    84578660        84579010        .       -
        .       Parent=Smp_043990.1;Name=fada5e42-e16d-4edd-
bcc8-99349df5de08
SM_V9_1 iris    exon    84581280        84581354        .       -
        .       Parent=Smp_043990.1;Name=d85caf7a-
ae6d-4c27-9c18-03313103ca2a
SM_V9_1 iris    exon    84581387        84581680        .       -
        .       Parent=Smp_043990.1;Name=9d58b095-ecbe-4e22-
b581-60364b47edb8
SM_V9_1 iris    exon    84581713        84581822        .       -
        .       Parent=Smp_043990.1;Name=140bc936-0c63-40df-
b6bd-1dc605321cf1
SM_V9_1 iris    CDS     84573010        84573055        .       -
        1       Parent=Smp_043990.1
SM_V9_1 iris    CDS     84577288        84577579        .       -
        2       Parent=Smp_043990.1
SM_V9_1 iris    CDS     84578660        84579010        .       -
        2       Parent=Smp_043990.1
SM_V9_1 iris    CDS     84581280        84581354        .       -
        2       Parent=Smp_043990.1
SM_V9_1 iris    CDS     84581387        84581680        .       -
        2       Parent=Smp_043990.1
SM_V9_1 iris    CDS     84581713        84581773        .       -
        0       Parent=Smp_043990.1
SM_V9_1 Liftoff gene    84593806        84596899        .       +
        .       ID=Smp_320410;geneID=Smp_320410
SM_V9_1 Liftoff mRNA    84593806        84596899        .       +
        .
ID=Smp_320410.1;Parent=Smp_320410;geneID=Smp_320410;product=Cohesin
subunit SA-1
SM_V9_1 Liftoff exon    84593806        84596899        .       +
        .       Parent=Smp_320410.1
SM_V9_1 Liftoff CDS     84596591        84596788        .       +
        0       Parent=Smp_320410.1
SM_V9_1 Liftoff gene    84622216        84660682        .       +
        .
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ID=Smp_337630;geneID=Smp_337630;previous_systematic_id=Smp_145830,Sm
p_145840,Smp_242190
SM_V9_1 Liftoff mRNA    84622216        84660682        .       +
       .
ID=Smp_337630.1;Parent=Smp_337630;geneID=Smp_337630;product=DDB1-
and CUL4-associated factor
8;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986
Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_1 Liftoff exon    84622216        84622320        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84622356        84622406        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84622439        84622497        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84625804        84626178        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84627738        84627890        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84634623        84634861        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84637000        84637098        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84638644        84639041        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84641967        84642071        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84648054        84648253        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84652583        84653479        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84658179        84658253        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff exon    84659369        84660682        .       +
       .       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84622266        84622320        .       +
       0       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84622356        84622406        .       +
       2       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84622439        84622497        .       +
       2       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84625804        84626178        .       +
       0       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84627738        84627890        .       +
       0       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84634623        84634861        .       +
       0       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84637000        84637098        .       +
       1       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84638644        84639041        .       +
       1       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84641967        84642071        .       +
       2       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84648054        84648253        .       +
       2       Parent=Smp_337630.1
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SM_V9_1 Liftoff CDS     84652583        84653479        .       +
        0       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84658179        84658253        .       +
        0       Parent=Smp_337630.1
SM_V9_1 Liftoff CDS     84659369        84659866        .       +
        0       Parent=Smp_337630.1
SM_V9_1 Liftoff gene    84727509        84730051        .       -
        .       ID=Smp_173150;geneID=Smp_173150
SM_V9_1 Liftoff mRNA    84727509        84730051        .       -
        .
ID=Smp_173150.1;Parent=Smp_173150;geneID=Smp_173150;product=CD63
antigen;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    84727509        84727872        .       -
        .       Parent=Smp_173150.1
SM_V9_1 Liftoff exon    84729358        84729459        .       -
        .       Parent=Smp_173150.1
SM_V9_1 Liftoff exon    84729493        84729663        .       -
        .       Parent=Smp_173150.1
SM_V9_1 Liftoff exon    84729699        84729887        .       -
        .       Parent=Smp_173150.1
SM_V9_1 Liftoff exon    84729935        84730051        .       -
        .       Parent=Smp_173150.1
SM_V9_1 Liftoff CDS     84727726        84727872        .       -
        0       Parent=Smp_173150.1
SM_V9_1 Liftoff CDS     84729358        84729459        .       -
        0       Parent=Smp_173150.1
SM_V9_1 Liftoff CDS     84729493        84729663        .       -
        0       Parent=Smp_173150.1
SM_V9_1 Liftoff CDS     84729699        84729887        .       -
        0       Parent=Smp_173150.1
SM_V9_1 Liftoff CDS     84729935        84730003        .       -
        0       Parent=Smp_173150.1
SM_V9_1 iris    gene    84762741        84769211        .       -
        .
ID=Smp_303260;geneID=Smp_303260;gene_name=Smp_303260;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    84762741        84769211        .       -
        .
ID=Smp_303260.1;Parent=Smp_303260;geneID=Smp_303260;gene_name=Smp_30
3260;owner=irisadmin@local.host;orig_id=Smp_303260.1;date_last_modif
ied=2022-08-16;Name=Smp_303260.1;product=Protein late
bloomer;date_creation=2022-08-16
SM_V9_1 iris    exon    84762741        84763288        .       -
        .       Parent=Smp_303260.1;Name=f6eb8fa1-
fb41-4614-8a6d-0e35f3a1c363
SM_V9_1 iris    exon    84767662        84767763        .       -
        .       Parent=Smp_303260.1;Name=ccd24aa3-5d0a-4ef8-96e0-
cd50c3b9c18c
SM_V9_1 iris    exon    84767816        84767911        .       -
        .
Parent=Smp_303260.1;Name=6b3a9530-5a46-42fb-8e71-9870ca4a709d
SM_V9_1 iris    exon    84767982        84768056        .       -
        .       Parent=Smp_303260.1;Name=901ef472-
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c74c-43b4-951a-6640e0e0067f
SM_V9_1 iris    exon    84768121        84768309        .       -
        .       Parent=Smp_303260.1;Name=e6416d19-90c3-479b-
a12e-7fd151a9f2fc
SM_V9_1 iris    exon    84769038        84769211        .       -
        .       Parent=Smp_303260.1;Name=893f998a-9f7a-430f-
bd8d-59b835b07f68
SM_V9_1 iris    CDS     84763124        84763288        .       -
        0       Parent=Smp_303260.1
SM_V9_1 iris    CDS     84767662        84767763        .       -
        0       Parent=Smp_303260.1
SM_V9_1 iris    CDS     84767816        84767911        .       -
        0       Parent=Smp_303260.1
SM_V9_1 iris    CDS     84767982        84768056        .       -
        0       Parent=Smp_303260.1
SM_V9_1 iris    CDS     84768121        84768309        .       -
        0       Parent=Smp_303260.1
SM_V9_1 iris    CDS     84769038        84769115        .       -
        0       Parent=Smp_303260.1
SM_V9_1 Liftoff gene    84774305        84776401        .       -
        .
ID=Smp_303270;geneID=Smp_303270;previous_systematic_id=Smp_142230
SM_V9_1 Liftoff mRNA    84774305        84776401        .       -
        .
ID=Smp_303270.1;Parent=Smp_303270;geneID=Smp_303270;product=CD63
antigen;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    84774305        84774674        .       -
        .       Parent=Smp_303270.1
SM_V9_1 Liftoff exon    84775764        84775865        .       -
        .       Parent=Smp_303270.1
SM_V9_1 Liftoff exon    84775899        84776069        .       -
        .       Parent=Smp_303270.1
SM_V9_1 Liftoff exon    84776105        84776293        .       -
        .       Parent=Smp_303270.1
SM_V9_1 Liftoff exon    84776335        84776401        .       -
        .       Parent=Smp_303270.1
SM_V9_1 Liftoff CDS     84774528        84774674        .       -
        0       Parent=Smp_303270.1
SM_V9_1 Liftoff CDS     84775764        84775865        .       -
        0       Parent=Smp_303270.1
SM_V9_1 Liftoff CDS     84775899        84776069        .       -
        0       Parent=Smp_303270.1
SM_V9_1 Liftoff CDS     84776105        84776293        .       -
        0       Parent=Smp_303270.1
SM_V9_1 Liftoff CDS     84776335        84776358        .       -
        0       Parent=Smp_303270.1
SM_V9_1 iris    gene    84804668        84814641        .       -
        .
ID=Smp_303280;geneID=Smp_303280;gene_name=Smp_303280;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    84804668        84814641        .       -
        .
ID=Smp_303280.1;Parent=Smp_303280;geneID=Smp_303280;gene_name=Smp_30
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3280;owner=irisadmin@local.host;orig_id=Smp_303280.1;date_last_modif
ied=2022-08-12;Name=Smp_303280.1;product=Tetraspanin-6;date_creation
=2022-08-12
SM_V9_1 iris    exon    84804668        84805214        .       -
        .       Parent=Smp_303280.1;Name=e054f450-0076-409b-
b0ee-9929ebac98fd
SM_V9_1 iris    exon    84810025        84810126        .       -
        .       Parent=Smp_303280.1;Name=c9970ac3-3a99-469d-97db-
da6d41340e94
SM_V9_1 iris    exon    84810179        84810274        .       -
        .       Parent=Smp_303280.1;Name=adb10f00-1719-48af-bc09-
e0f6651ae173
SM_V9_1 iris    exon    84810345        84810419        .       -
        .       Parent=Smp_303280.1;Name=16b23931-555b-4821-8e69-
bef52f6c6402
SM_V9_1 iris    exon    84810484        84810672        .       -
        .       Parent=Smp_303280.1;Name=1c94c942-
a843-42ee-953c-56c4ca438cd2
SM_V9_1 iris    exon    84814468        84814641        .       -
        .
Parent=Smp_303280.1;Name=5adb47d8-2fad-4159-9bf9-97c310f665eb
SM_V9_1 iris    CDS     84805050        84805214        .       -
        0       Parent=Smp_303280.1
SM_V9_1 iris    CDS     84810025        84810126        .       -
        0       Parent=Smp_303280.1
SM_V9_1 iris    CDS     84810179        84810274        .       -
        0       Parent=Smp_303280.1
SM_V9_1 iris    CDS     84810345        84810419        .       -
        0       Parent=Smp_303280.1
SM_V9_1 iris    CDS     84810484        84810672        .       -
        0       Parent=Smp_303280.1
SM_V9_1 iris    CDS     84814468        84814545        .       -
        0       Parent=Smp_303280.1
SM_V9_1 Liftoff gene    84819631        84821721        .       -
        .
ID=Smp_303290;geneID=Smp_303290;previous_systematic_id=Smp_176870
SM_V9_1 Liftoff mRNA    84819631        84821721        .       -
        .
ID=Smp_303290.1;Parent=Smp_303290;geneID=Smp_303290;product=CD63
antigen;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    84819631        84820009        .       -
        .       Parent=Smp_303290.1
SM_V9_1 Liftoff exon    84821043        84821144        .       -
        .       Parent=Smp_303290.1
SM_V9_1 Liftoff exon    84821178        84821348        .       -
        .       Parent=Smp_303290.1
SM_V9_1 Liftoff exon    84821384        84821572        .       -
        .       Parent=Smp_303290.1
SM_V9_1 Liftoff exon    84821614        84821721        .       -
        .       Parent=Smp_303290.1
SM_V9_1 Liftoff CDS     84819857        84820009        .       -
        0       Parent=Smp_303290.1
SM_V9_1 Liftoff CDS     84821043        84821144        .       -
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        0       Parent=Smp_303290.1
SM_V9_1 Liftoff CDS     84821178        84821348        .       -
        0       Parent=Smp_303290.1
SM_V9_1 Liftoff CDS     84821384        84821572        .       -
        0       Parent=Smp_303290.1
SM_V9_1 Liftoff CDS     84821614        84821673        .       -
        0       Parent=Smp_303290.1
SM_V9_1 iris    gene    84857475        84862163        .       +
        .
ID=Smp_320440;geneID=Smp_320440;gene_name=Smp_320440;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    84857475        84862163        .       +
        .
ID=Smp_320440.1;Parent=Smp_320440;geneID=Smp_320440;gene_name=Smp_32
0440;owner=irisadmin@local.host;orig_id=Smp_320440.1;date_last_modif
ied=2022-08-01;Name=Smp_320440.1;product=23 kDa integral membrane
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    84857475        84857603        .       +
        .
Parent=Smp_320440.1;Name=0395edff-482b-4995-9139-542840007b8d
SM_V9_1 iris    exon    84857639        84857827        .       +
        .       Parent=Smp_320440.1;Name=ab8d1ac9-d9e3-47d4-
b730-731abe037d9c
SM_V9_1 iris    exon    84857879        84857953        .       +
        .       Parent=Smp_320440.1;Name=ca69aa5b-9970-4b92-a9b5-
e7a1f683f7f1
SM_V9_1 iris    exon    84857987        84858082        .       +
        .       Parent=Smp_320440.1;Name=63374168-194a-423c-
a6e6-216304b461ea
SM_V9_1 iris    exon    84858115        84858201        .       +
        .       Parent=Smp_320440.1;Name=f67c2984-db83-4053-b31b-
d00712159326
SM_V9_1 iris    exon    84861825        84862163        .       +
        .       Parent=Smp_320440.1;Name=d04e2b06-7454-4ec7-b095-
b5387902039e
SM_V9_1 iris    CDS     84857529        84857603        .       +
        0       Parent=Smp_320440.1
SM_V9_1 iris    CDS     84857639        84857827        .       +
        0       Parent=Smp_320440.1
SM_V9_1 iris    CDS     84857879        84857953        .       +
        0       Parent=Smp_320440.1
SM_V9_1 iris    CDS     84857987        84858082        .       +
        0       Parent=Smp_320440.1
SM_V9_1 iris    CDS     84858115        84858201        .       +
        0       Parent=Smp_320440.1
SM_V9_1 iris    CDS     84861825        84861971        .       +
        0       Parent=Smp_320440.1
SM_V9_1 Liftoff gene    84885095        84892679        .       +
        .       ID=Smp_099770;geneID=Smp_099770
SM_V9_1 Liftoff mRNA    84885095        84892679        .       +
        .
ID=Smp_099770.1;Parent=Smp_099770;geneID=Smp_099770;product=25 kDa
integral membrane
protein;polypeptide_domain=InterPro:IPR008952,IPR018499
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Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    84885095        84885429        .       +
        .       Parent=Smp_099770.1
SM_V9_1 Liftoff exon    84885474        84885662        .       +
        .       Parent=Smp_099770.1
SM_V9_1 Liftoff exon    84885715        84885789        .       +
        .       Parent=Smp_099770.1
SM_V9_1 Liftoff exon    84885835        84885930        .       +
        .       Parent=Smp_099770.1
SM_V9_1 Liftoff exon    84886107        84886202        .       +
        .       Parent=Smp_099770.1
SM_V9_1 Liftoff exon    84892285        84892679        .       +
        .       Parent=Smp_099770.1
SM_V9_1 Liftoff CDS     84885364        84885429        .       +
        0       Parent=Smp_099770.1
SM_V9_1 Liftoff CDS     84885474        84885662        .       +
        0       Parent=Smp_099770.1
SM_V9_1 Liftoff CDS     84885715        84885789        .       +
        0       Parent=Smp_099770.1
SM_V9_1 Liftoff CDS     84885835        84885930        .       +
        0       Parent=Smp_099770.1
SM_V9_1 Liftoff CDS     84886107        84886202        .       +
        0       Parent=Smp_099770.1
SM_V9_1 Liftoff CDS     84892285        84892440        .       +
        0       Parent=Smp_099770.1
SM_V9_1 iris    gene    84904139        84909689        .       +
        .
ID=Smp_059530;geneID=Smp_059530;gene_name=Smp_059530;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    84904139        84909689        .       +
        .
ID=Smp_059530.1;Parent=Smp_059530;geneID=Smp_059530;gene_name=Smp_05
9530;owner=irisadmin@local.host;orig_id=Smp_059530.1;date_last_modif
ied=2022-08-29;Name=Smp_059530.1;product=25 kDa integral membrane
protein;date_creation=2022-08-29
SM_V9_1 iris    exon    84904139        84904321        .       +
        .       Parent=Smp_059530.1;Name=e3152d6a-
cd1c-4a18-93eb-0b69f4f78fa3
SM_V9_1 iris    exon    84904371        84904559        .       +
        .
Parent=Smp_059530.1;Name=bbad6b29-762e-415f-97ce-7680c04febf6
SM_V9_1 iris    exon    84904597        84904671        .       +
        .       Parent=Smp_059530.1;Name=b268371c-f94d-44d3-90ec-
f0e4012fec6f
SM_V9_1 iris    exon    84904734        84904826        .       +
        .       Parent=Smp_059530.1;Name=e7dae7e0-
a7e3-4115-82ab-119ae628f3e0
SM_V9_1 iris    exon    84904886        84904981        .       +
        .       Parent=Smp_059530.1;Name=b92255e3-eead-480e-8d49-
a112829f1094
SM_V9_1 iris    exon    84908018        84909689        .       +
        .       Parent=Smp_059530.1;Name=a0f71a64-7f1a-4e68-
a759-52f53c1163d5
SM_V9_1 iris    CDS     84904253        84904321        .       +
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        0       Parent=Smp_059530.1
SM_V9_1 iris    CDS     84904371        84904559        .       +
        0       Parent=Smp_059530.1
SM_V9_1 iris    CDS     84904597        84904671        .       +
        0       Parent=Smp_059530.1
SM_V9_1 iris    CDS     84904734        84904826        .       +
        0       Parent=Smp_059530.1
SM_V9_1 iris    CDS     84904886        84904981        .       +
        0       Parent=Smp_059530.1
SM_V9_1 iris    CDS     84908018        84908170        .       +
        0       Parent=Smp_059530.1
SM_V9_1 iris    gene    84916066        84919736        .       +
        .
ID=Smp_320450;geneID=Smp_320450;gene_name=Smp_320450;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    84916066        84919736        .       +
        .
ID=Smp_320450.1;Parent=Smp_320450;geneID=Smp_320450;gene_name=Smp_32
0450;owner=irisadmin@local.host;orig_id=Smp_320450.1;date_last_modif
ied=2022-08-01;Name=Smp_320450.1;product=25 kDa integral membrane
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    84916066        84916319        .       +
        .       Parent=Smp_320450.1;Name=e0f4601b-
bba1-4c7c-97f6-83cc3dc3cc0d
SM_V9_1 iris    exon    84916383        84916571        .       +
        .       Parent=Smp_320450.1;Name=4ec62b7a-8548-4936-b6a9-
fe4df5d2a4c7
SM_V9_1 iris    exon    84916629        84916703        .       +
        .       Parent=Smp_320450.1;Name=54a820ef-a163-45a6-
abbb-5480c5d341ca
SM_V9_1 iris    exon    84916758        84916853        .       +
        .       Parent=Smp_320450.1;Name=56d92183-d856-4eb8-92b8-
e900bb021d7f
SM_V9_1 iris    exon    84916901        84916996        .       +
        .       Parent=Smp_320450.1;Name=d9f63992-39b7-4655-ac49-
f2d51525552c
SM_V9_1 iris    exon    84919381        84919736        .       +
        .       Parent=Smp_320450.1;Name=eddcf803-d553-4f5b-9e51-
c2f47d594225
SM_V9_1 iris    CDS     84916254        84916319        .       +
        0       Parent=Smp_320450.1
SM_V9_1 iris    CDS     84916383        84916571        .       +
        0       Parent=Smp_320450.1
SM_V9_1 iris    CDS     84916629        84916703        .       +
        0       Parent=Smp_320450.1
SM_V9_1 iris    CDS     84916758        84916853        .       +
        0       Parent=Smp_320450.1
SM_V9_1 iris    CDS     84916901        84916996        .       +
        0       Parent=Smp_320450.1
SM_V9_1 iris    CDS     84919381        84919575        .       +
        0       Parent=Smp_320450.1
SM_V9_1 iris    gene    84930455        84933461        .       +
        .
ID=Smp_154180;geneID=Smp_154180;gene_name=Smp_154180;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    84930455        84933461        .       +
        .
ID=Smp_154180.1;Parent=Smp_154180;geneID=Smp_154180;gene_name=Smp_15
4180;owner=irisadmin@local.host;orig_id=Smp_154180.1;date_last_modif
ied=2022-08-01;Name=Smp_154180.1;product=25 kDa integral membrane
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    84930455        84930619        .       +
        .       Parent=Smp_154180.1;Name=ac609afe-bf2d-4776-8656-
d52421ad3f1b
SM_V9_1 iris    exon    84930681        84930869        .       +
        .       Parent=Smp_154180.1;Name=74fb48f1-251d-4749-
a6a9-0e99818790bb
SM_V9_1 iris    exon    84930910        84930984        .       +
        .       Parent=Smp_154180.1;Name=82e89360-334d-4a3e-a5aa-
dd4e5b7570ef
SM_V9_1 iris    exon    84931046        84931141        .       +
        .
Parent=Smp_154180.1;Name=dbb46f0d-58c0-4865-893c-8b72510643d4
SM_V9_1 iris    exon    84931188        84931289        .       +
        .
Parent=Smp_154180.1;Name=e259b8ff-5939-4f3a-9d04-0a9fc97514dd
SM_V9_1 iris    exon    84933136        84933461        .       +
        .       Parent=Smp_154180.1;Name=b2192205-2bad-4a98-9439-
acd61484abab
SM_V9_1 iris    CDS     84930560        84930619        .       +
        0       Parent=Smp_154180.1
SM_V9_1 iris    CDS     84930681        84930869        .       +
        0       Parent=Smp_154180.1
SM_V9_1 iris    CDS     84930910        84930984        .       +
        0       Parent=Smp_154180.1
SM_V9_1 iris    CDS     84931046        84931141        .       +
        0       Parent=Smp_154180.1
SM_V9_1 iris    CDS     84931188        84931289        .       +
        0       Parent=Smp_154180.1
SM_V9_1 iris    CDS     84933136        84933288        .       +
        0       Parent=Smp_154180.1
SM_V9_1 Liftoff gene    84944800        84947061        .       -
        .
ID=Smp_334190;geneID=Smp_334190;previous_systematic_id=Smp_154190
SM_V9_1 Liftoff mRNA    84944800        84947061        .       -
        .
ID=Smp_334190.1;Parent=Smp_334190;geneID=Smp_334190;product=25 kDa
integral membrane
protein;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    84944800        84945127        .       -
        .       Parent=Smp_334190.1
SM_V9_1 Liftoff exon    84946041        84946142        .       -
        .       Parent=Smp_334190.1
SM_V9_1 Liftoff exon    84946189        84946284        .       -
        .       Parent=Smp_334190.1
SM_V9_1 Liftoff exon    84946346        84946420        .       -
        .       Parent=Smp_334190.1
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SM_V9_1 Liftoff exon    84946461        84946649        .       -
        .       Parent=Smp_334190.1
SM_V9_1 Liftoff exon    84946711        84947061        .       -
        .       Parent=Smp_334190.1
SM_V9_1 Liftoff CDS     84944975        84945127        .       -
        0       Parent=Smp_334190.1
SM_V9_1 Liftoff CDS     84946041        84946142        .       -
        0       Parent=Smp_334190.1
SM_V9_1 Liftoff CDS     84946189        84946284        .       -
        0       Parent=Smp_334190.1
SM_V9_1 Liftoff CDS     84946346        84946420        .       -
        0       Parent=Smp_334190.1
SM_V9_1 Liftoff CDS     84946461        84946649        .       -
        0       Parent=Smp_334190.1
SM_V9_1 Liftoff CDS     84946711        84946770        .       -
        0       Parent=Smp_334190.1
SM_V9_1 iris    gene    84953089        84957080        .       -
        .
ID=Smp_320460;geneID=Smp_320460;gene_name=Smp_320460;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    84953089        84957080        .       -
        .
ID=Smp_320460.1;Parent=Smp_320460;geneID=Smp_320460;gene_name=Smp_32
0460;owner=irisadmin@local.host;orig_id=Smp_320460.1;date_last_modif
ied=2022-08-01;Name=Smp_320460.1;product=25 kDa integral membrane
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    84953089        84953444        .       -
        .       Parent=Smp_320460.1;Name=1e2ba1ed-e496-403f-
b87f-3770bb91d22e
SM_V9_1 iris    exon    84956160        84956255        .       -
        .       Parent=Smp_320460.1;Name=2f9fc683-4aa9-460b-
bd19-06bc5c73b1e6
SM_V9_1 iris    exon    84956303        84956398        .       -
        .       Parent=Smp_320460.1;Name=a0e367b0-eb18-4fe3-89f4-
abfec7c26500
SM_V9_1 iris    exon    84956453        84956527        .       -
        .       Parent=Smp_320460.1;Name=4d281afe-1674-423d-af0f-
aab906829b36
SM_V9_1 iris    exon    84956585        84956773        .       -
        .       Parent=Smp_320460.1;Name=56063213-95bd-4862-
b2e2-2f4dd3f6b87f
SM_V9_1 iris    exon    84956837        84957080        .       -
        .       Parent=Smp_320460.1;Name=991d55d6-73c7-4d88-8855-
af9108a53f6d
SM_V9_1 iris    CDS     84953250        84953444        .       -
        0       Parent=Smp_320460.1
SM_V9_1 iris    CDS     84956160        84956255        .       -
        0       Parent=Smp_320460.1
SM_V9_1 iris    CDS     84956303        84956398        .       -
        0       Parent=Smp_320460.1
SM_V9_1 iris    CDS     84956453        84956527        .       -
        0       Parent=Smp_320460.1
SM_V9_1 iris    CDS     84956585        84956773        .       -
        0       Parent=Smp_320460.1
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SM_V9_1 iris    CDS     84956837        84956902        .       -
        0       Parent=Smp_320460.1
SM_V9_1 iris    gene    84967706        84970675        .       +
        .
ID=Smp_346900;geneID=Smp_346900;gene_name=Smp_346900;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    84967706        84970675        .       +
        .
ID=Smp_346900.1;Parent=Smp_346900;geneID=Smp_346900;gene_name=Smp_34
6900;owner=irisadmin@local.host;orig_id=Smp_346900.1;date_last_modif
ied=2022-08-29;Name=Smp_346900.1;product=25 kDa integral membrane
protein;date_creation=2022-08-29
SM_V9_1 iris    exon    84967706        84967971        .       +
        .
Parent=Smp_346900.1;Name=b858c7f3-48c5-479b-903a-0ad998a02c8f
SM_V9_1 iris    exon    84968011        84968199        .       +
        .       Parent=Smp_346900.1;Name=16cc33e9-05d8-4218-81de-
b7af60c85c84
SM_V9_1 iris    exon    84968243        84968317        .       +
        .
Parent=Smp_346900.1;Name=7f1b7966-85aa-402e-81b9-19cf133e52a3
SM_V9_1 iris    exon    84968357        84968452        .       +
        .       Parent=Smp_346900.1;Name=e931f41d-f8e5-4578-941a-
dd784558874e
SM_V9_1 iris    exon    84968493        84968588        .       +
        .
Parent=Smp_346900.1;Name=82578464-7c51-4965-99e2-27cb76495563
SM_V9_1 iris    exon    84970390        84970675        .       +
        .
Parent=Smp_346900.1;Name=f1481d22-16e5-4eec-99b7-70fcf250a944
SM_V9_1 iris    CDS     84967906        84967971        .       +
        0       Parent=Smp_346900.1
SM_V9_1 iris    CDS     84968011        84968199        .       +
        0       Parent=Smp_346900.1
SM_V9_1 iris    CDS     84968243        84968317        .       +
        0       Parent=Smp_346900.1
SM_V9_1 iris    CDS     84968357        84968452        .       +
        0       Parent=Smp_346900.1
SM_V9_1 iris    CDS     84968493        84968588        .       +
        0       Parent=Smp_346900.1
SM_V9_1 iris    CDS     84970390        84970554        .       +
        0       Parent=Smp_346900.1
SM_V9_1 iris    gene    84976626        84979213        .       +
        .
ID=Smp_194970;geneID=Smp_194970;gene_name=Smp_194970;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    84976626        84979213        .       +
        .
ID=Smp_194970.1;Parent=Smp_194970;geneID=Smp_194970;gene_name=Smp_19
4970;owner=irisadmin@local.host;orig_id=Smp_194970.1;date_last_modif
ied=2022-08-01;Name=Smp_194970.1;product=25 kDa integral membrane
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    84976626        84976801        .       +
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Parent=Smp_194970.1;Name=f2397a47-6782-49da-84e7-092bcfeb2b16
SM_V9_1 iris    exon    84976865        84977053        .       +
        .       Parent=Smp_194970.1;Name=e369ea02-b310-414e-
b6ff-8cd46d4ae7fb
SM_V9_1 iris    exon    84977104        84977178        .       +
        .       Parent=Smp_194970.1;Name=51a9fe36-2003-4280-
ae5a-5b03fc7e6195
SM_V9_1 iris    exon    84977498        84977593        .       +
        .
Parent=Smp_194970.1;Name=b42cb5d0-55d2-4a40-9a7c-04574d2861b1
SM_V9_1 iris    exon    84977659        84977754        .       +
        .       Parent=Smp_194970.1;Name=17bc19b6-551d-4b0a-919a-
a7aa5d862886
SM_V9_1 iris    exon    84978770        84979213        .       +
        .       Parent=Smp_194970.1;Name=5049fa3a-86c7-4005-ad08-
a818062ba86f
SM_V9_1 iris    CDS     84976736        84976801        .       +
        0       Parent=Smp_194970.1
SM_V9_1 iris    CDS     84976865        84977053        .       +
        0       Parent=Smp_194970.1
SM_V9_1 iris    CDS     84977104        84977178        .       +
        0       Parent=Smp_194970.1
SM_V9_1 iris    CDS     84977498        84977593        .       +
        0       Parent=Smp_194970.1
SM_V9_1 iris    CDS     84977659        84977754        .       +
        0       Parent=Smp_194970.1
SM_V9_1 iris    CDS     84978770        84978919        .       +
        0       Parent=Smp_194970.1
SM_V9_1 iris    gene    84984709        84989324        .       +
        .
ID=Smp_194980;geneID=Smp_194980;gene_name=Smp_194980;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    84984709        84989324        .       +
        .
ID=Smp_194980.1;Parent=Smp_194980;geneID=Smp_194980;gene_name=Smp_19
4980;owner=irisadmin@local.host;orig_id=Smp_194980.1;date_last_modif
ied=2022-08-01;Name=Smp_194980.1;product=25 kDa integral membrane
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    84984709        84985101        .       +
        .       Parent=Smp_194980.1;Name=b54e213d-4974-43f9-
a678-217435bd5d51
SM_V9_1 iris    exon    84985139        84985327        .       +
        .       Parent=Smp_194980.1;Name=503527fb-1ce4-45cc-83c4-
d08d2ba84c7a
SM_V9_1 iris    exon    84985362        84985436        .       +
        .       Parent=Smp_194980.1;Name=b4e4fdad-07f9-4d4e-8979-
eaae987c5f0e
SM_V9_1 iris    exon    84985500        84985595        .       +
        .       Parent=Smp_194980.1;Name=a34f39f2-8558-4ca8-aa58-
d7397e15257d
SM_V9_1 iris    exon    84985652        84985741        .       +
        .       Parent=Smp_194980.1;Name=09f55245-5ad5-4c4c-be96-
ac3a4ebb1981
SM_V9_1 iris    exon    84988413        84989324        .       +
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        .       Parent=Smp_194980.1;Name=15e3f136-7391-49a5-9239-
ed9c0e2d8252
SM_V9_1 iris    CDS     84985033        84985101        .       +
        0       Parent=Smp_194980.1
SM_V9_1 iris    CDS     84985139        84985327        .       +
        0       Parent=Smp_194980.1
SM_V9_1 iris    CDS     84985362        84985436        .       +
        0       Parent=Smp_194980.1
SM_V9_1 iris    CDS     84985500        84985595        .       +
        0       Parent=Smp_194980.1
SM_V9_1 iris    CDS     84985652        84985741        .       +
        0       Parent=Smp_194980.1
SM_V9_1 iris    CDS     84988413        84988568        .       +
        0       Parent=Smp_194980.1
SM_V9_1 Liftoff gene    85033950        85038961        .       -
        .       ID=Smp_303320;geneID=Smp_303320
SM_V9_1 Liftoff mRNA    85033950        85038961        .       -
        .
ID=Smp_303320.1;Parent=Smp_303320;geneID=Smp_303320;product=25 kDa
integral membrane
protein;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    85033950        85034389        .       -
        .       Parent=Smp_303320.1
SM_V9_1 Liftoff exon    85037922        85038017        .       -
        .       Parent=Smp_303320.1
SM_V9_1 Liftoff exon    85038091        85038186        .       -
        .       Parent=Smp_303320.1
SM_V9_1 Liftoff exon    85038246        85038320        .       -
        .       Parent=Smp_303320.1
SM_V9_1 Liftoff exon    85038392        85038580        .       -
        .       Parent=Smp_303320.1
SM_V9_1 Liftoff exon    85038618        85038961        .       -
        .       Parent=Smp_303320.1
SM_V9_1 Liftoff CDS     85034237        85034389        .       -
        0       Parent=Smp_303320.1
SM_V9_1 Liftoff CDS     85037922        85038017        .       -
        0       Parent=Smp_303320.1
SM_V9_1 Liftoff CDS     85038091        85038186        .       -
        0       Parent=Smp_303320.1
SM_V9_1 Liftoff CDS     85038246        85038320        .       -
        0       Parent=Smp_303320.1
SM_V9_1 Liftoff CDS     85038392        85038580        .       -
        0       Parent=Smp_303320.1
SM_V9_1 Liftoff CDS     85038618        85038683        .       -
        0       Parent=Smp_303320.1
SM_V9_1 Liftoff gene    85040810        85041230        .       -
        .       ID=Smp_320480;geneID=Smp_320480
SM_V9_1 Liftoff mRNA    85040810        85041230        .       -
        .
ID=Smp_320480.1;Parent=Smp_320480;geneID=Smp_320480;product=Uncharac
terized protein K02A2.6
SM_V9_1 Liftoff exon    85040810        85041230        .       -
        .       Parent=Smp_320480.1
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SM_V9_1 Liftoff CDS     85041034        85041186        .       -
        0       Parent=Smp_320480.1
SM_V9_1 Liftoff gene    85076035        85081097        .       +
        .       ID=Smp_131840;geneID=Smp_131840
SM_V9_1 Liftoff mRNA    85076035        85081097        .       +
        .
ID=Smp_131840.1;Parent=Smp_131840;geneID=Smp_131840;product=25 kDa
integral membrane
protein;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    85076035        85076382        .       +
        .       Parent=Smp_131840.1
SM_V9_1 Liftoff exon    85076420        85076608        .       +
        .       Parent=Smp_131840.1
SM_V9_1 Liftoff exon    85076680        85076754        .       +
        .       Parent=Smp_131840.1
SM_V9_1 Liftoff exon    85076814        85076909        .       +
        .       Parent=Smp_131840.1
SM_V9_1 Liftoff exon    85077187        85077282        .       +
        .       Parent=Smp_131840.1
SM_V9_1 Liftoff exon    85080649        85081097        .       +
        .       Parent=Smp_131840.1
SM_V9_1 Liftoff CDS     85076317        85076382        .       +
        0       Parent=Smp_131840.1
SM_V9_1 Liftoff CDS     85076420        85076608        .       +
        0       Parent=Smp_131840.1
SM_V9_1 Liftoff CDS     85076680        85076754        .       +
        0       Parent=Smp_131840.1
SM_V9_1 Liftoff CDS     85076814        85076909        .       +
        0       Parent=Smp_131840.1
SM_V9_1 Liftoff CDS     85077187        85077282        .       +
        0       Parent=Smp_131840.1
SM_V9_1 Liftoff CDS     85080649        85080801        .       +
        0       Parent=Smp_131840.1
SM_V9_1 Liftoff gene    85087322        85094346        .       +
        .
ID=Smp_334970;geneID=Smp_334970;previous_systematic_id=Smp_131830
SM_V9_1 Liftoff mRNA    85087322        85094346        .       +
        .
ID=Smp_334970.1;Parent=Smp_334970;geneID=Smp_334970;product=25 kDa
integral membrane
protein;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    85087322        85088294        .       +
        .       Parent=Smp_334970.1
SM_V9_1 Liftoff exon    85088335        85088523        .       +
        .       Parent=Smp_334970.1
SM_V9_1 Liftoff exon    85088564        85088638        .       +
        .       Parent=Smp_334970.1
SM_V9_1 Liftoff exon    85089521        85089616        .       +
        .       Parent=Smp_334970.1
SM_V9_1 Liftoff exon    85091030        85091125        .       +
        .       Parent=Smp_334970.1
SM_V9_1 Liftoff exon    85094120        85094346        .       +
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        .       Parent=Smp_334970.1
SM_V9_1 Liftoff CDS     85088226        85088294        .       +
        0       Parent=Smp_334970.1
SM_V9_1 Liftoff CDS     85088335        85088523        .       +
        0       Parent=Smp_334970.1
SM_V9_1 Liftoff CDS     85088564        85088638        .       +
        0       Parent=Smp_334970.1
SM_V9_1 Liftoff CDS     85089521        85089616        .       +
        0       Parent=Smp_334970.1
SM_V9_1 Liftoff CDS     85091030        85091125        .       +
        0       Parent=Smp_334970.1
SM_V9_1 Liftoff CDS     85094120        85094272        .       +
        0       Parent=Smp_334970.1
SM_V9_1 Liftoff gene    85110192        85130836        .       +
        .
ID=Smp_342630;geneID=Smp_342630;previous_systematic_id=Smp_131820
SM_V9_1 Liftoff mRNA    85110192        85130836        .       +
        .
ID=Smp_342630.1;Parent=Smp_342630;geneID=Smp_342630;product=Regulati
on of nuclear pre-mRNA domain-containing protein
2;polypeptide_domain=InterPro:IPR006569,IPR006903,IPR008942
Pfam:PF04818
SM_V9_1 Liftoff exon    85110192        85110376        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85112169        85112301        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85112343        85112443        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85112491        85112573        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85113388        85113549        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85116165        85116308        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85116818        85117446        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85118882        85119353        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85121115        85121968        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85126329        85127062        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85128586        85128866        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff exon    85129927        85130836        .       +
        .       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85110220        85110376        .       +
        0       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85112169        85112301        .       +
        2       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85112343        85112443        .       +
        1       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85112491        85112573        .       +
        2       Parent=Smp_342630.1
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SM_V9_1 Liftoff CDS     85113388        85113549        .       +
        0       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85116165        85116308        .       +
        0       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85116818        85117446        .       +
        0       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85118882        85119353        .       +
        1       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85121115        85121968        .       +
        0       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85126329        85127062        .       +
        1       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85128586        85128866        .       +
        2       Parent=Smp_342630.1
SM_V9_1 Liftoff CDS     85129927        85130370        .       +
        0       Parent=Smp_342630.1
SM_V9_1 Liftoff gene    85131445        85131906        .       -
        .       ID=Smp_320490;geneID=Smp_320490
SM_V9_1 Liftoff mRNA    85131445        85131906        .       -
        .
ID=Smp_320490.1;Parent=Smp_320490;geneID=Smp_320490;product=Phosphor
ibosylformylglycinamidine cyclo-ligase, chloroplastic/mitochondrial
SM_V9_1 Liftoff exon    85131445        85131906        .       -
        .       Parent=Smp_320490.1
SM_V9_1 Liftoff CDS     85131563        85131754        .       -
        0       Parent=Smp_320490.1
SM_V9_1 Liftoff gene    85136076        85165104        .       -
        .       ID=Smp_131810;geneID=Smp_131810
SM_V9_1 Liftoff mRNA    85136076        85165104        .       -
        .
ID=Smp_131810.1;Parent=Smp_131810;geneID=Smp_131810;product=GDP
fucose protein O fucosyltransferase 2;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR019378 Pfam:PF10250
SM_V9_1 Liftoff exon    85136076        85136654        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85148575        85148704        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85152467        85152854        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85154898        85154970        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85155836        85156032        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85157600        85157775        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85159587        85159849        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85164166        85164246        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff exon    85164296        85165104        .       -
        .       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85136378        85136654        .       -
        1       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85148575        85148704        .       -
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        2       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85152467        85152854        .       -
        0       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85154898        85154970        .       -
        1       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85155836        85156032        .       -
        0       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85157600        85157775        .       -
        2       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85159587        85159849        .       -
        1       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85164166        85164246        .       -
        1       Parent=Smp_131810.1
SM_V9_1 Liftoff CDS     85164296        85164324        .       -
        0       Parent=Smp_131810.1
SM_V9_1 iris    gene    85173854        85212864        .       +
        .
ID=Smp_131800;geneID=Smp_131800;gene_name=Smp_131800;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    85173854        85212864        .       +
        .
ID=Smp_131800.1;Parent=Smp_131800;geneID=Smp_131800;gene_name=Smp_13
1800;owner=irisadmin@local.host;orig_id=Smp_131800.1;date_last_modif
ied=2022-08-01;Name=Smp_131800.1;product=Germinal center kinase
3;date_creation=2022-07-29
SM_V9_1 iris    exon    85173854        85174058        .       +
        .       Parent=Smp_131800.1;Name=cbceae5f-5dcf-4bc3-9171-
e64182b497ca
SM_V9_1 iris    exon    85174093        85174211        .       +
        .       Parent=Smp_131800.1;Name=70d0d5dc-ed48-43b3-951e-
b4b1a5cdeb94
SM_V9_1 iris    exon    85174250        85174358        .       +
        .       Parent=Smp_131800.1;Name=c66bcc83-bb6a-437d-
a5a1-43c4afd55690
SM_V9_1 iris    exon    85180259        85180400        .       +
        .       Parent=Smp_131800.1;Name=d861a4a0-
a5b5-41a5-9d9e-523c888671f5
SM_V9_1 iris    exon    85182798        85182972        .       +
        .
Parent=Smp_131800.1;Name=afd49444-2009-4f68-9fad-4624b754880c
SM_V9_1 iris    exon    85185670        85185771        .       +
        .       Parent=Smp_131800.1;Name=258b77ac-e147-4e99-8fd3-
d415cb6a0824
SM_V9_1 iris    exon    85186320        85186505        .       +
        .
Parent=Smp_131800.1;Name=acd3ab08-89af-4382-9191-37ae3bebba0e
SM_V9_1 iris    exon    85187659        85187763        .       +
        .
Parent=Smp_131800.1;Name=65ad8939-68da-4f85-8362-5152b6f922a7
SM_V9_1 iris    exon    85189879        85190406        .       +
        .       Parent=Smp_131800.1;Name=5e935553-22e5-4846-9a0f-
e60b942cfb1b
SM_V9_1 iris    exon    85192940        85193042        .       +
        .       Parent=Smp_131800.1;Name=f2b35567-29b9-4474-9486-
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e65dffec1a36
SM_V9_1 iris    exon    85193871        85193939        .       +
        .       Parent=Smp_131800.1;Name=53ec3035-1c0c-476e-933e-
b21941669bbd
SM_V9_1 iris    exon    85200533        85200594        .       +
        .       Parent=Smp_131800.1;Name=74f0196f-8c47-4ddf-a497-
d35f5511b2fc
SM_V9_1 iris    exon    85211167        85212864        .       +
        .
Parent=Smp_131800.1;Name=c856e699-60b7-4636-9ba6-2d73e35acb61
SM_V9_1 iris    CDS     85173962        85174058        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85174093        85174211        .       +
        2       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85174250        85174358        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85180259        85180400        .       +
        2       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85182798        85182972        .       +
        1       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85185670        85185771        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85186320        85186505        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85187659        85187763        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85189879        85190406        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85192940        85193042        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85193871        85193939        .       +
        2       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85200533        85200594        .       +
        2       Parent=Smp_131800.1
SM_V9_1 iris    CDS     85211167        85211268        .       +
        0       Parent=Smp_131800.1
SM_V9_1 iris    gene    85232638        85270658        .       +
        .
ID=Smp_017520;geneID=Smp_017520;gene_name=Smp_017520;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    85232638        85270658        .       +
        .
ID=Smp_017520.1;Parent=Smp_017520;geneID=Smp_017520;gene_name=Smp_01
7520;owner=irisadmin@local.host;orig_id=Smp_017520.2;date_last_modif
ied=2022-08-01;Name=Smp_017520.1;product=Inositol polyphosphate 1-
phosphatase;date_creation=2022-07-29
SM_V9_1 iris    exon    85232638        85232706        .       +
        .
Parent=Smp_017520.1;Name=4200aa58-699f-45e9-9dc4-7873e0efe870
SM_V9_1 iris    exon    85233535        85233895        .       +
        .       Parent=Smp_017520.1;Name=4f0fcdb7-
e4b8-4d09-92b0-42fbeccf2c3c
SM_V9_1 iris    exon    85239920        85240034        .       +
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Parent=Smp_017520.1;Name=7f574552-36b1-4f81-8fad-6bb3fbac2660
SM_V9_1 iris    exon    85241358        85241555        .       +
        .       Parent=Smp_017520.1;Name=7bd36bcb-cdf4-4c3b-a175-
dc647b6b435f
SM_V9_1 iris    exon    85248753        85249041        .       +
        .       Parent=Smp_017520.1;Name=a1c8ee8d-7130-447a-
b096-09ee70bc3b35
SM_V9_1 iris    exon    85253055        85253320        .       +
        .       Parent=Smp_017520.1;Name=280dff16-c3bd-40e7-
a9c1-8bc12ec07bb7
SM_V9_1 iris    exon    85262505        85262620        .       +
        .       Parent=Smp_017520.1;Name=f51a3353-9fe5-4853-
adf8-48ef3182ff37
SM_V9_1 iris    exon    85268070        85268282        .       +
        .       Parent=Smp_017520.1;Name=ec473533-a7f0-402b-af9d-
c9e7ed80327c
SM_V9_1 iris    exon    85270079        85270658        .       +
        .       Parent=Smp_017520.1;Name=dc6ba8b0-7206-47a3-becf-
e6fdb43e8970
SM_V9_1 iris    CDS     85233671        85233895        .       +
        0       Parent=Smp_017520.1
SM_V9_1 iris    CDS     85239920        85240034        .       +
        0       Parent=Smp_017520.1
SM_V9_1 iris    CDS     85241358        85241555        .       +
        2       Parent=Smp_017520.1
SM_V9_1 iris    CDS     85248753        85249041        .       +
        2       Parent=Smp_017520.1
SM_V9_1 iris    CDS     85253055        85253320        .       +
        1       Parent=Smp_017520.1
SM_V9_1 iris    CDS     85262505        85262620        .       +
        2       Parent=Smp_017520.1
SM_V9_1 iris    CDS     85268070        85268282        .       +
        0       Parent=Smp_017520.1
SM_V9_1 iris    CDS     85270079        85270192        .       +
        0       Parent=Smp_017520.1
SM_V9_1 Liftoff gene    85378832        85418782        .       +
        .
ID=Smp_342620;geneID=Smp_342620;previous_systematic_id=Smp_131780
SM_V9_1 Liftoff mRNA    85378832        85418782        .       +
        .
ID=Smp_342620.1;Parent=Smp_342620;geneID=Smp_342620;product=CUGBP
Elav-like family member
5;polypeptide_domain=InterPro:IPR000504,IPR002343
Pfam:PF00076;Ontology_term=GO:0003676,GO:0003723
SM_V9_1 Liftoff exon    85378832        85379369        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85396229        85396357        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85398348        85398427        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85401327        85401653        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85403072        85403477        .       +
        .       Parent=Smp_342620.1
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SM_V9_1 Liftoff exon    85403760        85404377        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85405172        85405243        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85406640        85406747        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85407853        85407996        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85409738        85409845        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85410205        85410341        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff exon    85415783        85418782        .       +
        .       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85379078        85379369        .       +
        0       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85396229        85396357        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85398348        85398427        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85401327        85401653        .       +
        0       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85403072        85403477        .       +
        0       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85403760        85404377        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85405172        85405243        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85406640        85406747        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85407853        85407996        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85409738        85409845        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85410205        85410341        .       +
        2       Parent=Smp_342620.1
SM_V9_1 Liftoff CDS     85415783        85415839        .       +
        0       Parent=Smp_342620.1
SM_V9_1 Liftoff mRNA    85378832        85418782        .       +
        .
ID=Smp_342620.2;Parent=Smp_342620;geneID=Smp_342620;product=CUGBP
Elav-like family member
5;polypeptide_domain=InterPro:IPR000504,IPR002343
Pfam:PF00076;Ontology_term=GO:0003676,GO:0003723
SM_V9_1 Liftoff exon    85378832        85379369        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85396229        85396357        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85398348        85398427        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85401327        85401653        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85403072        85403477        .       +
        .       Parent=Smp_342620.2
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SM_V9_1 Liftoff exon    85403757        85404377        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85405172        85405243        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85406640        85406747        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85407853        85407996        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85409738        85409845        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff exon    85415783        85418782        .       +
        .       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85379078        85379369        .       +
        0       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85396229        85396357        .       +
        2       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85398348        85398427        .       +
        2       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85401327        85401653        .       +
        0       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85403072        85403477        .       +
        0       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85403757        85404377        .       +
        2       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85405172        85405243        .       +
        2       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85406640        85406747        .       +
        2       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85407853        85407996        .       +
        2       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85409738        85409845        .       +
        2       Parent=Smp_342620.2
SM_V9_1 Liftoff CDS     85415783        85415802        .       +
        2       Parent=Smp_342620.2
SM_V9_1 iris    gene    85445701        85457497        .       +
        .
ID=Smp_017470;geneID=Smp_017470;gene_name=Smp_017470;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    85445701        85457497        .       +
        .
ID=Smp_017470.1;Parent=Smp_017470;geneID=Smp_017470;gene_name=Smp_01
7470;owner=irisadmin@local.host;orig_id=Smp_017470.1;date_last_modif
ied=2022-08-16;Name=Smp_017470.1;product=Selenoprotein
S;date_creation=2022-08-16
SM_V9_1 iris    exon    85445701        85445791        .       +
        .
Parent=Smp_017470.1;Name=216fa1ee-0a70-4de5-930d-195e5c517c10
SM_V9_1 iris    exon    85447238        85447335        .       +
        .       Parent=Smp_017470.1;Name=cbb0e236-bdb9-4032-
a979-001cc58382e0
SM_V9_1 iris    exon    85447378        85447607        .       +
        .       Parent=Smp_017470.1;Name=a44013aa-51d5-4f8d-
ac00-010f512df95f
SM_V9_1 iris    exon    85451416        85451467        .       +
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        .       Parent=Smp_017470.1;Name=ce6e8f12-3898-4654-bfef-
db300494558b
SM_V9_1 iris    exon    85457045        85457497        .       +
        .       Parent=Smp_017470.1;Name=6bca8f30-c347-413c-9161-
ae3d572a86ec
SM_V9_1 iris    CDS     85447314        85447335        .       +
        0       Parent=Smp_017470.1
SM_V9_1 iris    CDS     85447378        85447607        .       +
        2       Parent=Smp_017470.1
SM_V9_1 iris    CDS     85451416        85451467        .       +
        0       Parent=Smp_017470.1
SM_V9_1 iris    CDS     85457045        85457118        .       +
        2       Parent=Smp_017470.1
SM_V9_1 iris    mRNA    85445701        85457497        .       +
        .
ID=Smp_017470.2;Parent=Smp_017470;geneID=Smp_017470;gene_name=Smp_01
7470;owner=irisadmin@local.host;date_last_modified=2022-08-16;Name=S
mp_017470.2;date_creation=2022-08-16
SM_V9_1 iris    exon    85445701        85445837        .       +
        .
Parent=Smp_017470.2;Name=d9741cfe-9966-41d0-82d5-43a76d0cadec
SM_V9_1 iris    exon    85447238        85447335        .       +
        .       Parent=Smp_017470.2;Name=f17799bb-
fb2b-4765-90ed-5ee4596e05df
SM_V9_1 iris    exon    85447378        85447607        .       +
        .       Parent=Smp_017470.2;Name=64ced8eb-8a74-47a0-
ac4f-547e81be7f7b
SM_V9_1 iris    exon    85451416        85451467        .       +
        .       Parent=Smp_017470.2;Name=67139456-a213-47dd-b187-
ba75ea8fd100
SM_V9_1 iris    exon    85457045        85457497        .       +
        .       Parent=Smp_017470.2;Name=c96a3c84-e554-4fdc-9be6-
e96dbce2eea0
SM_V9_1 iris    CDS     85447314        85447335        .       +
        0       Parent=Smp_017470.2
SM_V9_1 iris    CDS     85447378        85447607        .       +
        2       Parent=Smp_017470.2
SM_V9_1 iris    CDS     85451416        85451467        .       +
        0       Parent=Smp_017470.2
SM_V9_1 iris    CDS     85457045        85457118        .       +
        2       Parent=Smp_017470.2
SM_V9_1 Liftoff gene    85458872        85496558        .       -
        .       ID=Smp_131770;geneID=Smp_131770
SM_V9_1 Liftoff mRNA    85458872        85496558        .       -
        .
ID=Smp_131770.1;Parent=Smp_131770;geneID=Smp_131770;product=ATP-
dependent RNA helicase
DDX42;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR0
14001,IPR014014,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_1 Liftoff exon    85458872        85459257        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85460897        85461337        .       -
        .       Parent=Smp_131770.1
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SM_V9_1 Liftoff exon    85464670        85464852        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85468510        85468603        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85471821        85471918        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85472985        85473032        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85474420        85474519        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85478865        85479062        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85481644        85482012        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85484673        85484823        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85486005        85486093        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85488402        85488546        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff exon    85491285        85496558        .       -
        .       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85458983        85459257        .       -
        2       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85460897        85461337        .       -
        2       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85464670        85464852        .       -
        2       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85468510        85468603        .       -
        0       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85471821        85471918        .       -
        2       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85472985        85473032        .       -
        2       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85474420        85474519        .       -
        0       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85478865        85479062        .       -
        0       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85481644        85482012        .       -
        0       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85484673        85484823        .       -
        1       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85486005        85486093        .       -
        0       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85488402        85488546        .       -
        1       Parent=Smp_131770.1
SM_V9_1 Liftoff CDS     85491285        85491616        .       -
        0       Parent=Smp_131770.1
SM_V9_1 Liftoff mRNA    85458872        85496558        .       -
        .
ID=Smp_131770.2;Parent=Smp_131770;geneID=Smp_131770;product=ATP-
dependent RNA helicase
DDX42;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR0
14001,IPR014014,IPR027417
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Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_1 Liftoff exon    85458872        85459257        .       -
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SM_V9_1 Liftoff exon    85460897        85461337        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85464670        85464852        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85468510        85468603        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85471821        85471918        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85472985        85473032        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85474420        85474519        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85478865        85479062        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85481644        85482012        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85484673        85484823        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85485808        85485846        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85486005        85486093        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85488402        85488546        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff exon    85491285        85496558        .       -
        .       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85458983        85459257        .       -
        2       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85460897        85461337        .       -
        2       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85464670        85464852        .       -
        2       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85468510        85468603        .       -
        0       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85471821        85471918        .       -
        2       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85472985        85473032        .       -
        2       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85474420        85474519        .       -
        0       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85478865        85479062        .       -
        0       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85481644        85482012        .       -
        0       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85484673        85484823        .       -
        1       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85485808        85485846        .       -
        1       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85486005        85486093        .       -
        0       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85488402        85488546        .       -
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        1       Parent=Smp_131770.2
SM_V9_1 Liftoff CDS     85491285        85491616        .       -
        0       Parent=Smp_131770.2
SM_V9_1 iris    gene    85507845        85508361        .       +
        .
ID=Smp_213130;geneID=Smp_213130;gene_name=Smp_213130;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    85507845        85508361        .       +
        .
ID=Smp_213130.1;Parent=Smp_213130;geneID=Smp_213130;gene_name=Smp_21
3130;owner=irisadmin@local.host;orig_id=Smp_213130.1;date_last_modif
ied=2022-08-01;Name=Smp_213130.1;product=40S ribosomal protein
S25;date_creation=2022-07-29
SM_V9_1 iris    exon    85507845        85507915        .       +
        .       Parent=Smp_213130.1;Name=3557388a-2561-4704-
a01f-91936e42e55e
SM_V9_1 iris    exon    85507952        85508225        .       +
        .       Parent=Smp_213130.1;Name=ce33c310-dca7-4fab-a287-
d1b16be5ef50
SM_V9_1 iris    exon    85508264        85508361        .       +
        .       Parent=Smp_213130.1;Name=2e9c80cd-dd96-4c62-a664-
c3928eb3dbfc
SM_V9_1 iris    CDS     85507913        85507915        .       +
        0       Parent=Smp_213130.1
SM_V9_1 iris    CDS     85507952        85508225        .       +
        0       Parent=Smp_213130.1
SM_V9_1 iris    CDS     85508264        85508331        .       +
        2       Parent=Smp_213130.1
SM_V9_1 iris    gene    85508485        85526462        .       +
        .
ID=Smp_213145;geneID=Smp_213145;gene_name=Smp_213145;owner=irisadmin
@local.host;date_last_modified=2022-07-29;date_creation=2022-07-29
SM_V9_1 iris    mRNA    85508485        85526462        .       +
        .
ID=Smp_213145.1;Parent=Smp_213145;geneID=Smp_213145;gene_name=Smp_21
3145;owner=irisadmin@local.host;orig_id=Smp_213140.2;date_last_modif
ied=2022-07-29;Name=Smp_213145.1;date_creation=2022-07-29
SM_V9_1 iris    exon    85508485        85508568        .       +
        .       Parent=Smp_213145.1;Name=b10a69a6-4bff-4fc2-aa19-
ab1914e0d14b
SM_V9_1 iris    exon    85520164        85520380        .       +
        .       Parent=Smp_213145.1;Name=74e206a1-a84e-4b64-
ab84-74b3355ce06c
SM_V9_1 iris    exon    85522850        85523064        .       +
        .       Parent=Smp_213145.1;Name=b69930d5-7b73-4012-8141-
d75c56a7c77a
SM_V9_1 iris    exon    85526219        85526462        .       +
        .       Parent=Smp_213145.1;Name=e69159d4-
db47-4879-9c26-80b6e070ce22
SM_V9_1 iris    CDS     85508512        85508568        .       +
        0       Parent=Smp_213145.1
SM_V9_1 iris    CDS     85520164        85520380        .       +
        0       Parent=Smp_213145.1
SM_V9_1 iris    CDS     85522850        85523064        .       +
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        2       Parent=Smp_213145.1
SM_V9_1 iris    CDS     85526219        85526407        .       +
        0       Parent=Smp_213145.1
SM_V9_1 Liftoff gene    85548247        85548900        .       +
        .       ID=Smp_202350;geneID=Smp_202350
SM_V9_1 Liftoff mRNA    85548247        85548900        .       +
        .
ID=Smp_202350.1;Parent=Smp_202350;geneID=Smp_202350;product=Elongati
on factor G, mitochondrial
SM_V9_1 Liftoff exon    85548247        85548900        .       +
        .       Parent=Smp_202350.1
SM_V9_1 Liftoff CDS     85548247        85548900        .       +
        0       Parent=Smp_202350.1
SM_V9_1 Liftoff gene    85591183        85593491        .       -
        .       ID=Smp_017430;geneID=Smp_017430
SM_V9_1 Liftoff mRNA    85591183        85593491        .       -
        .
ID=Smp_017430.1;Parent=Smp_017430;geneID=Smp_017430;product=23 kDa
integral membrane
protein;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499,IP
R018503 Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    85591183        85591776        .       -
        .       Parent=Smp_017430.1
SM_V9_1 Liftoff exon    85592814        85592900        .       -
        .       Parent=Smp_017430.1
SM_V9_1 Liftoff exon    85592934        85593098        .       -
        .       Parent=Smp_017430.1
SM_V9_1 Liftoff exon    85593131        85593319        .       -
        .       Parent=Smp_017430.1
SM_V9_1 Liftoff exon    85593356        85593491        .       -
        .       Parent=Smp_017430.1
SM_V9_1 Liftoff CDS     85591630        85591776        .       -
        0       Parent=Smp_017430.1
SM_V9_1 Liftoff CDS     85592814        85592900        .       -
        0       Parent=Smp_017430.1
SM_V9_1 Liftoff CDS     85592934        85593098        .       -
        0       Parent=Smp_017430.1
SM_V9_1 Liftoff CDS     85593131        85593319        .       -
        0       Parent=Smp_017430.1
SM_V9_1 Liftoff CDS     85593356        85593424        .       -
        0       Parent=Smp_017430.1
SM_V9_1 iris    gene    85639741        85641921        .       -
        .
ID=Smp_320500;geneID=Smp_320500;gene_name=Smp_320500;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    85639741        85641921        .       -
        .
ID=Smp_320500.1;Parent=Smp_320500;geneID=Smp_320500;gene_name=Smp_32
0500;owner=irisadmin@local.host;orig_id=Smp_320500.2;date_last_modif
ied=2022-08-16;Name=Smp_320500.1;product=23 kDa integral membrane
protein (Sm23);date_creation=2022-07-29
SM_V9_1 iris    exon    85639741        85640232        .       -
        .       Parent=Smp_320500.1;Name=c9f9dd0f-b29a-4ca3-bd8d-
f2bfa0264660
```

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SM_V9_1 iris    exon    85641305        85641391        .       -
        .       Parent=Smp_320500.1;Name=85ed6e3b-5ffd-4f5b-adc4-
ea273277f610
SM_V9_1 iris    exon    85641423        85641587        .       -
        .       Parent=Smp_320500.1;Name=457af2d2-8159-4851-
b50c-2a3c21f69fbd
SM_V9_1 iris    exon    85641620        85641808        .       -
        .       Parent=Smp_320500.1;Name=95169686-6f00-484c-
ba50-54aa42cc832f
SM_V9_1 iris    exon    85641848        85641921        .       -
        .       Parent=Smp_320500.1;Name=89e6c935-
f63d-43c0-9060-9215c5d64fcc
SM_V9_1 iris    CDS     85640086        85640232        .       -
        0       Parent=Smp_320500.1
SM_V9_1 iris    CDS     85641305        85641391        .       -
        0       Parent=Smp_320500.1
SM_V9_1 iris    CDS     85641423        85641587        .       -
        0       Parent=Smp_320500.1
SM_V9_1 iris    CDS     85641620        85641808        .       -
        0       Parent=Smp_320500.1
SM_V9_1 iris    CDS     85641848        85641895        .       -
        0       Parent=Smp_320500.1
SM_V9_1 iris    gene    85663800        85724117        .       +
        .
ID=Smp_345370;geneID=Smp_345370;gene_name=Smp_345370;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    85663800        85724117        .       +
        .
ID=Smp_345370.1;Parent=Smp_345370;geneID=Smp_345370;gene_name=Smp_34
5370;owner=irisadmin@local.host;orig_id=Smp_345370.1;date_last_modif
ied=2022-08-01;Name=Smp_345370.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_1 iris    exon    85663800        85663933        .       +
        .       Parent=Smp_345370.1;Name=92838155-
e207-417f-8ed6-991482c08341
SM_V9_1 iris    exon    85669684        85670072        .       +
        .       Parent=Smp_345370.1;Name=e6b5912d-22e5-491b-
be02-73c65f94b304
SM_V9_1 iris    exon    85671901        85672001        .       +
        .       Parent=Smp_345370.1;Name=7c199bb9-ed96-4ffc-ba05-
e1b6b26f4e94
SM_V9_1 iris    exon    85673748        85674082        .       +
        .       Parent=Smp_345370.1;Name=ae2e4be0-2704-4d6f-9942-
cbbe925d4848
SM_V9_1 iris    exon    85676491        85676630        .       +
        .       Parent=Smp_345370.1;Name=d55b852a-efb1-4545-8215-
cd459437b565
SM_V9_1 iris    exon    85678209        85678530        .       +
        .       Parent=Smp_345370.1;Name=49b93cca-99d3-42fc-
a586-6516b28262a5
SM_V9_1 iris    exon    85680267        85680870        .       +
        .       Parent=Smp_345370.1;Name=ac4e9cd8-0c25-410c-9b06-
dbe99c640ac3
SM_V9_1 iris    exon    85682115        85682805        .       +
```

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        .       Parent=Smp_345370.1;Name=6b0c49ee-98ba-4be7-bd8f-
ba721cdbed75
SM_V9_1 iris    exon    85686263        85686413        .       +
        .
Parent=Smp_345370.1;Name=3b7c513d-6957-4ea4-9cd1-6099b7aafea3
SM_V9_1 iris    exon    85695751        85696142        .       +
        .       Parent=Smp_345370.1;Name=9d54a3d9-5ab5-412d-
a39f-1f57084bb936
SM_V9_1 iris    exon    85697965        85698257        .       +
        .       Parent=Smp_345370.1;Name=709b8efa-
c492-43c1-8dc7-3bff24e9e194
SM_V9_1 iris    exon    85699569        85700198        .       +
        .       Parent=Smp_345370.1;Name=b0c7de62-1216-4ac8-
b53c-165ce0d77b98
SM_V9_1 iris    exon    85702675        85702743        .       +
        .       Parent=Smp_345370.1;Name=7aec20c0-f0e8-42e7-a92f-
eee997979905
SM_V9_1 iris    exon    85704463        85705162        .       +
        .       Parent=Smp_345370.1;Name=8bc40a98-3912-4f05-913e-
f0d3904f2e65
SM_V9_1 iris    exon    85706799        85707189        .       +
        .
Parent=Smp_345370.1;Name=110704a2-3b1b-4424-9b6b-72657b4a471e
SM_V9_1 iris    exon    85710095        85710987        .       +
        .       Parent=Smp_345370.1;Name=1d67bf9d-
e855-46ff-97b4-0965588dfa93
SM_V9_1 iris    exon    85712912        85713192        .       +
        .       Parent=Smp_345370.1;Name=a84d32fc-f02e-44c7-b23a-
ac3102fe3776
SM_V9_1 iris    exon    85714074        85714565        .       +
        .       Parent=Smp_345370.1;Name=0ce9f12b-3947-47b7-
a5f0-6b8b89943c03
SM_V9_1 iris    exon    85716671        85717074        .       +
        .
Parent=Smp_345370.1;Name=16ecfa8c-2398-4ef2-967d-4201595ba587
SM_V9_1 iris    exon    85720687        85721753        .       +
        .       Parent=Smp_345370.1;Name=196f73b0-
b4a8-4fd5-9da8-737eafabba9d
SM_V9_1 iris    exon    85722324        85724117        .       +
        .       Parent=Smp_345370.1;Name=8a66ef1b-af5f-41c2-9d19-
cc435edf682d
SM_V9_1 iris    CDS     85663872        85663933        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85669684        85670072        .       +
        1       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85671901        85672001        .       +
        2       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85673748        85674082        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85676491        85676630        .       +
        1       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85678209        85678530        .       +
        2       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85680267        85680870        .       +
```

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        1       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85682115        85682805        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85686263        85686413        .       +
        2       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85695751        85696142        .       +
        1       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85697965        85698257        .       +
        2       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85699569        85700198        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85702675        85702743        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85704463        85705162        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85706799        85707189        .       +
        2       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85710095        85710987        .       +
        1       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85712912        85713192        .       +
        2       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85714074        85714565        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85716671        85717074        .       +
        0       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85720687        85721753        .       +
        1       Parent=Smp_345370.1
SM_V9_1 iris    CDS     85722324        85722601        .       +
        2       Parent=Smp_345370.1
SM_V9_1 iris    gene    85732796        85734095        .       -
        .
ID=Smp_075770;geneID=Smp_075770;gene_name=Smp_075770;owner=irisadmin
@local.host;date_last_modified=2022-11-03;date_creation=2022-11-03
SM_V9_1 iris    mRNA    85732796        85734095        .       -
        .
ID=Smp_075770.1;Parent=Smp_075770;geneID=Smp_075770;gene_name=Smp_07
5770;owner=irisadmin@local.host;orig_id=Smp_075770.1;date_last_modif
ied=2022-11-03;Name=Smp_075770.1;product=Abnormal spindle-like
microcephaly-associated protein homolog
(Fragment);date_creation=2022-11-03
SM_V9_1 iris    exon    85732796        85734095        .       -
        .       Parent=Smp_075770.1;Name=0591ad07-319a-4d76-
b667-2d36718566d2
SM_V9_1 iris    CDS     85733317        85734087        .       -
        0       Parent=Smp_075770.1
SM_V9_1 iris    gene    85741306        85829932        .       -
        .
ID=Smp_303330;geneID=Smp_303330;gene_name=Smp_303330;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-08-16
SM_V9_1 iris    mRNA    85741306        85829850        .       -
        .
ID=Smp_303330.1;Parent=Smp_303330;geneID=Smp_303330;gene_name=Smp_30
3330;owner=irisadmin@local.host;orig_id=Smp_303330.1;date_last_modif
ied=2022-11-13;Name=Smp_303330.1;product=Hemoglobinase;date_creation
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=2022-08-16
SM_V9_1 iris    exon    85741306        85741676        .       -
        .
Parent=Smp_303330.1;Name=e4b1bd9e-21c5-4668-8765-663ce6b5114e
SM_V9_1 iris    exon    85745353        85745502        .       -
        .       Parent=Smp_303330.1;Name=cd12b898-1ed9-4140-
bbed-19d563b67f09
SM_V9_1 iris    exon    85815295        85815429        .       -
        .
Parent=Smp_303330.1;Name=cd8f5043-3ffd-4958-9fae-91f5f54152cc
SM_V9_1 iris    exon    85816735        85816817        .       -
        .       Parent=Smp_303330.1;Name=fe6bf80c-
e0c7-4f67-8335-842da3e8fd67
SM_V9_1 iris    exon    85823692        85823761        .       -
        .       Parent=Smp_303330.1;Name=f0886200-7860-426e-a10e-
a0a212724e4f
SM_V9_1 iris    exon    85829601        85829850        .       -
        .       Parent=Smp_303330.1;Name=d71fc0c3-9dec-46f4-a045-
d8b80bea94df
SM_V9_1 iris    CDS     85741592        85741676        .       -
        1       Parent=Smp_303330.1
SM_V9_1 iris    CDS     85745353        85745502        .       -
        1       Parent=Smp_303330.1
SM_V9_1 iris    CDS     85815295        85815429        .       -
        1       Parent=Smp_303330.1
SM_V9_1 iris    CDS     85816735        85816817        .       -
        0       Parent=Smp_303330.1
SM_V9_1 iris    CDS     85823692        85823761        .       -
        1       Parent=Smp_303330.1
SM_V9_1 iris    CDS     85829601        85829755        .       -
        0       Parent=Smp_303330.1
SM_V9_1 iris    gene    85790989        85794094        .       +
        .
ID=Smp_202370;geneID=Smp_202370;gene_name=Smp_202370;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    85790989        85794094        .       +
        .
ID=Smp_202370.1;Parent=Smp_202370;geneID=Smp_202370;gene_name=Smp_20
2370;owner=irisadmin@local.host;orig_id=Smp_202370.1;date_last_modif
ied=2022-08-16;Name=Smp_202370.1;product=ELMO domain-containing
protein A;date_creation=2022-08-16
SM_V9_1 iris    exon    85790989        85791239        .       +
        .       Parent=Smp_202370.1;Name=1b0c32b1-daad-4b77-
a028-23aa5bd607ec
SM_V9_1 iris    exon    85793518        85794094        .       +
        .       Parent=Smp_202370.1;Name=80d67f67-8a3a-4509-9afc-
a968669f3b80
SM_V9_1 iris    CDS     85791203        85791239        .       +
        0       Parent=Smp_202370.1
SM_V9_1 iris    CDS     85793518        85793729        .       +
        2       Parent=Smp_202370.1
SM_V9_1 iris    non_canonical_three_prime_splice_site   85829851
        85829851        .       -       .       ID=Smp_303330.1-
non_canonical_three_prime_splice_site-85829850;Name=Smp_303330.1-
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non_canonical_three_prime_splice_site-85829850
SM_V9_1 iris    gene    85853555        85879371        .       +
        .
ID=Smp_075800;geneID=Smp_075800;gene_name=Smp_075800;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    85853555        85879371        .       +
        .
ID=Smp_075800.1;Parent=Smp_075800;geneID=Smp_075800;gene_name=Smp_07
5800;owner=irisadmin@local.host;orig_id=Smp_075800.1;date_last_modif
ied=2022-08-16;Name=Smp_075800.1;product=hemoglobinase;date_creation
=2022-08-16
SM_V9_1 iris    exon    85853555        85853749        .       +
        .       Parent=Smp_075800.1;Name=b4f8540c-129b-4d58-a2eb-
fa73d6b4318a
SM_V9_1 iris    exon    85857263        85857360        .       +
        .       Parent=Smp_075800.1;Name=c4c954e3-
ae02-4014-94d8-06ace8656d88
SM_V9_1 iris    exon    85859529        85859610        .       +
        .       Parent=Smp_075800.1;Name=b51e4b34-e41e-4299-8230-
cccb088653c5
SM_V9_1 iris    exon    85862019        85862089        .       +
        .       Parent=Smp_075800.1;Name=efdb5084-0a03-476f-a147-
da27918c88bd
SM_V9_1 iris    exon    85864021        85864096        .       +
        .       Parent=Smp_075800.1;Name=ea44f659-1358-4f95-85d9-
a972586ec6f9
SM_V9_1 iris    exon    85869358        85869490        .       +
        .       Parent=Smp_075800.1;Name=940a7ae5-9094-476c-8239-
d9a8b8e591c4
SM_V9_1 iris    exon    85870992        85871113        .       +
        .       Parent=Smp_075800.1;Name=e29dcccd-
c623-4b02-83b3-31ca61b401ac
SM_V9_1 iris    exon    85872048        85872137        .       +
        .       Parent=Smp_075800.1;Name=aadc0151-4944-4eeb-
a4e1-1eb15ddef077
SM_V9_1 iris    exon    85873637        85873717        .       +
        .       Parent=Smp_075800.1;Name=1b421a16-4567-48b2-
a878-4f4f37040091
SM_V9_1 iris    exon    85875488        85875607        .       +
        .       Parent=Smp_075800.1;Name=f53e4e60-77f1-4d54-8898-
caebf223c21f
SM_V9_1 iris    exon    85877702        85877854        .       +
        .       Parent=Smp_075800.1;Name=20643f1b-1cb5-4a84-9095-
b876559e73cc
SM_V9_1 iris    exon    85879196        85879371        .       +
        .
Parent=Smp_075800.1;Name=aeca5fdd-88d7-4ba8-832f-686e29fe880c
SM_V9_1 iris    CDS     85853588        85853749        .       +
        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85857263        85857360        .       +
        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85859529        85859610        .       +
        1       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85862019        85862089        .       +
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        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85864021        85864096        .       +
        1       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85869358        85869490        .       +
        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85870992        85871113        .       +
        2       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85872048        85872137        .       +
        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85873637        85873717        .       +
        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85875488        85875607        .       +
        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85877702        85877854        .       +
        0       Parent=Smp_075800.1
SM_V9_1 iris    CDS     85879196        85879297        .       +
        0       Parent=Smp_075800.1
SM_V9_1 Liftoff gene    85885656        85919541        .       -
        .
ID=Smp_341230;geneID=Smp_341230;previous_systematic_id=Smp_075810
SM_V9_1 Liftoff mRNA    85885656        85919541        .       -
        .
ID=Smp_341230.1;Parent=Smp_341230;geneID=Smp_341230;product=Tyrosine
-protein phosphatase non-receptor type
23;polypeptide_domain=InterPro:IPR000242,IPR003595,IPR004328,IPR0253
04,IPR029021
Pfam:PF00102,PF03097,PF13949;Ontology_term=GO:0004725,GO:0005515,GO:
0006470
SM_V9_1 Liftoff exon    85885656        85886198        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85888130        85889935        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85890966        85891838        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85891882        85892007        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85892810        85893150        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85894245        85894444        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85897329        85897653        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85898591        85898807        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85900928        85901019        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85902624        85902766        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85904310        85904375        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85906309        85906423        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85913777        85913856        .       -
        .       Parent=Smp_341230.1
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SM_V9_1 Liftoff exon    85914348        85914598        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85915889        85916053        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85917631        85917765        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85918984        85919110        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85919144        85919271        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85919306        85919380        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff exon    85919417        85919541        .       -
        .       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85885806        85886198        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85888130        85889935        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85890966        85891838        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85891882        85892007        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85892810        85893150        .       -
        2       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85894245        85894444        .       -
        1       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85897329        85897653        .       -
        2       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85898591        85898807        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85900928        85901019        .       -
        2       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85902624        85902766        .       -
        1       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85904310        85904375        .       -
        1       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85906309        85906423        .       -
        2       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85913777        85913856        .       -
        1       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85914348        85914598        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85915889        85916053        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85917631        85917765        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85918984        85919110        .       -
        1       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85919144        85919271        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85919306        85919380        .       -
        0       Parent=Smp_341230.1
SM_V9_1 Liftoff CDS     85919417        85919500        .       -
        0       Parent=Smp_341230.1
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SM_V9_1 Liftoff gene    85926678        85944800        .       +
        .       ID=Smp_163030;geneID=Smp_163030
SM_V9_1 Liftoff mRNA    85926678        85944800        .       +
        .
ID=Smp_163030.1;Parent=Smp_163030;geneID=Smp_163030;product=U4/U6
small nuclear ribonucleoprotein
Prp31;polypeptide_domain=InterPro:IPR002687,IPR012976,IPR019175
Pfam:PF01798,PF09785
SM_V9_1 Liftoff exon    85926678        85930827        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff exon    85933738        85933879        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff exon    85934832        85934929        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff exon    85936077        85936356        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff exon    85937557        85937795        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff exon    85940702        85940820        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff exon    85943082        85943439        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff exon    85944460        85944800        .       +
        .       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85930594        85930827        .       +
        0       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85933738        85933879        .       +
        0       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85934832        85934929        .       +
        2       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85936077        85936356        .       +
        0       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85937557        85937795        .       +
        2       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85940702        85940820        .       +
        0       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85943082        85943439        .       +
        1       Parent=Smp_163030.1
SM_V9_1 Liftoff CDS     85944460        85944576        .       +
        0       Parent=Smp_163030.1
SM_V9_1 Liftoff gene    85945572        86002294        .       -
        .
ID=Smp_332740;geneID=Smp_332740;previous_systematic_id=Smp_163040,Sm
p_185620
SM_V9_1 Liftoff mRNA    85945572        86002294        .       -
        .
ID=Smp_332740.1;Parent=Smp_332740;geneID=Smp_332740;product=Nuclear
pore complex protein Nup205;polypeptide_domain=InterPro:IPR021827
Pfam:PF11894;Ontology_term=GO:0005643
SM_V9_1 Liftoff exon    85945572        85945858        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85946914        85947260        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85948945        85949051        .       -
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        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85953292        85953386        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85954928        85955166        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85956147        85956559        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85958122        85958410        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85959430        85959856        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85961217        85961462        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85964298        85964590        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85966200        85966274        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85967010        85967235        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85967899        85968552        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85969284        85969393        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85970300        85970376        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85971332        85971356        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85973285        85973410        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85974106        85974424        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85976255        85976406        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85977739        85978141        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85978809        85978929        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85981176        85981334        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85981994        85982166        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85984811        85985254        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85988459        85988743        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85989843        85989902        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85990977        85991159        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85992376        85992725        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85995570        85995723        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85996791        85997162        .       -
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        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    85997646        85998031        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    86000707        86001087        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    86001658        86001876        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    86001914        86002085        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff exon    86002120        86002294        .       -
        .       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85945757        85945858        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85946914        85947260        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85948945        85949051        .       -
        1       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85953292        85953386        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85954928        85955166        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85956147        85956559        .       -
        1       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85958122        85958410        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85959430        85959856        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85961217        85961462        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85964298        85964590        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85966200        85966274        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85967010        85967235        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85967899        85968552        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85969284        85969393        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85970300        85970376        .       -
        1       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85971332        85971356        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85973285        85973410        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85974106        85974424        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85976255        85976406        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85977739        85978141        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85978809        85978929        .       -
        1       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85981176        85981334        .       -
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        1       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85981994        85982166        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85984811        85985254        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85988459        85988743        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85989843        85989902        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85990977        85991159        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85992376        85992725        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85995570        85995723        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85996791        85997162        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     85997646        85998031        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     86000707        86001087        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     86001658        86001876        .       -
        2       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     86001914        86002085        .       -
        0       Parent=Smp_332740.1
SM_V9_1 Liftoff CDS     86002120        86002176        .       -
        0       Parent=Smp_332740.1
SM_V9_1 iris    gene    86023963        86083509        .       -
        .
ID=Smp_197730;geneID=Smp_197730;gene_name=Smp_197730;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    86023963        86083509        .       -
        .
ID=Smp_197730.1;Parent=Smp_197730;geneID=Smp_197730;gene_name=Smp_19
7730;owner=irisadmin@local.host;orig_id=Smp_197730.2;date_last_modif
ied=2022-07-18;Name=Smp_197730.1;product=Hypothetical
protein;date_creation=2022-07-18
SM_V9_1 iris    exon    86023963        86025691        .       -
        .
Parent=Smp_197730.1;Name=14512d5f-9d6a-4ff4-96c5-63051fcd1b95
SM_V9_1 iris    exon    86037371        86037410        .       -
        .
Parent=Smp_197730.1;Name=3b5f1afb-1b7c-4fbe-9921-5222dc11d40f
SM_V9_1 iris    exon    86066308        86066431        .       -
        .       Parent=Smp_197730.1;Name=17e99795-7c0b-478f-a20c-
de1fb9c62ff0
SM_V9_1 iris    exon    86083245        86083509        .       -
        .       Parent=Smp_197730.1;Name=0e141709-5461-4785-bab3-
c2dc8a17c4b8
SM_V9_1 iris    CDS     86024599        86025691        .       -
        1       Parent=Smp_197730.1
SM_V9_1 iris    CDS     86037371        86037410        .       -
        2       Parent=Smp_197730.1
SM_V9_1 iris    CDS     86066308        86066431        .       -
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        0       Parent=Smp_197730.1
SM_V9_1 iris    CDS     86083245        86083415        .       -
        0       Parent=Smp_197730.1
SM_V9_1 Liftoff gene    86099168        86117531        .       +
        .
ID=Smp_335620;geneID=Smp_335620;previous_systematic_id=Smp_075860,Sm
p_197220
SM_V9_1 Liftoff mRNA    86099168        86117531        .       +
        .
ID=Smp_335620.1;Parent=Smp_335620;geneID=Smp_335620;product=Dolichyl
-diphosphooligosaccharide--protein glycosyltransferase subunit
STT3A;polypeptide_domain=InterPro:IPR003674
Pfam:PF02516;Ontology_term=GO:0004576,GO:0006486,GO:0016020
SM_V9_1 Liftoff exon    86099168        86101079        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86101113        86101295        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86101329        86101431        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86101462        86101702        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86101737        86101847        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86101882        86101962        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86101999        86102152        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86103183        86103338        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86103395        86103477        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86104359        86104589        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86106020        86106208        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86114073        86114292        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86115535        86115723        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff exon    86117216        86117531        .       +
        .       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86100992        86101079        .       +
        0       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86101113        86101295        .       +
        2       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86101329        86101431        .       +
        2       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86101462        86101702        .       +
        1       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86101737        86101847        .       +
        0       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86101882        86101962        .       +
        0       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86101999        86102152        .       +
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        0       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86103183        86103338        .       +
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SM_V9_1 Liftoff CDS     86103395        86103477        .       +
        2       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86104359        86104589        .       +
        0       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86106020        86106208        .       +
        0       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86114073        86114292        .       +
        0       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86115535        86115723        .       +
        2       Parent=Smp_335620.1
SM_V9_1 Liftoff CDS     86117216        86117364        .       +
        2       Parent=Smp_335620.1
SM_V9_1 Liftoff gene    86118352        86129054        .       -
        .       ID=Smp_075870;geneID=Smp_075870
SM_V9_1 Liftoff mRNA    86118352        86129054        .       -
        .
ID=Smp_075870.1;Parent=Smp_075870;geneID=Smp_075870;product=Transloc
ating chain-associated membrane protein 1-like
1;polypeptide_domain=InterPro:IPR006634,IPR013599,IPR016447
Pfam:PF03798,PF08390;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    86118352        86118848        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86121450        86121613        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86127814        86127885        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86127921        86127992        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86128024        86128131        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86128169        86128239        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86128275        86128328        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86128359        86128565        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86128602        86128714        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86128750        86128807        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff exon    86128846        86129054        .       -
        .       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86118745        86118848        .       -
        2       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86121450        86121613        .       -
        1       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86127814        86127885        .       -
        1       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86127921        86127992        .       -
        1       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86128024        86128131        .       -
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        1       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86128169        86128239        .       -
        0       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86128275        86128328        .       -
        0       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86128359        86128565        .       -
        0       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86128602        86128714        .       -
        2       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86128750        86128807        .       -
        0       Parent=Smp_075870.1
SM_V9_1 Liftoff CDS     86128846        86128974        .       -
        0       Parent=Smp_075870.1
SM_V9_1 iris    gene    86139908        86155858        .       +
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ID=Smp_163050;geneID=Smp_163050;gene_name=Smp_163050;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    86139908        86155858        .       +
        .
ID=Smp_163050.1;Parent=Smp_163050;geneID=Smp_163050;gene_name=Smp_16
3050;owner=irisadmin@local.host;orig_id=Smp_163050.1;date_last_modif
ied=2022-08-01;Name=Smp_163050.1;product=Isocitrate dehydrogenase
[NADP], mitochondrial (Fragment);date_creation=2022-07-29
SM_V9_1 iris    exon    86139908        86139997        .       +
        .       Parent=Smp_163050.1;Name=20552d02-b18c-409e-9193-
d36747fa752e
SM_V9_1 iris    exon    86140034        86140140        .       +
        .       Parent=Smp_163050.1;Name=ef16e8b2-3843-45f5-
a5e3-18ffed4f29c6
SM_V9_1 iris    exon    86140176        86140341        .       +
        .
Parent=Smp_163050.1;Name=50a84cdd-9751-4dbf-88ab-449d73d8f36a
SM_V9_1 iris    exon    86140374        86140534        .       +
        .       Parent=Smp_163050.1;Name=4d1b2c2a-18ab-412e-
b976-14ec239510a8
SM_V9_1 iris    exon    86144454        86144597        .       +
        .       Parent=Smp_163050.1;Name=c14a0488-8b90-42e6-
be14-3f45bcf56160
SM_V9_1 iris    exon    86147315        86147451        .       +
        .       Parent=Smp_163050.1;Name=99311331-e803-4adc-
bb3e-03c6d76075f6
SM_V9_1 iris    exon    86149594        86149745        .       +
        .       Parent=Smp_163050.1;Name=bd8da664-91c2-4be1-
b9be-5c2176bb770b
SM_V9_1 iris    exon    86153481        86153691        .       +
        .
Parent=Smp_163050.1;Name=b7e2066c-8689-4c74-88cc-8b9a4bb53b55
SM_V9_1 iris    exon    86155562        86155858        .       +
        .       Parent=Smp_163050.1;Name=592a839e-1b66-4850-a2f2-
e3654856ed6f
SM_V9_1 iris    CDS     86139946        86139997        .       +
        0       Parent=Smp_163050.1
SM_V9_1 iris    CDS     86140034        86140140        .       +
        2       Parent=Smp_163050.1
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SM_V9_1 iris    CDS     86140176        86140341        .       +
        0       Parent=Smp_163050.1
SM_V9_1 iris    CDS     86140374        86140534        .       +
        2       Parent=Smp_163050.1
SM_V9_1 iris    CDS     86144454        86144597        .       +
        0       Parent=Smp_163050.1
SM_V9_1 iris    CDS     86147315        86147451        .       +
        0       Parent=Smp_163050.1
SM_V9_1 iris    CDS     86149594        86149745        .       +
        1       Parent=Smp_163050.1
SM_V9_1 iris    CDS     86153481        86153691        .       +
        2       Parent=Smp_163050.1
SM_V9_1 iris    CDS     86155562        86155736        .       +
        1       Parent=Smp_163050.1
SM_V9_1 Liftoff gene    86166749        86192114        .       -
        .
ID=Smp_345380;geneID=Smp_345380;previous_systematic_id=Smp_163060
SM_V9_1 Liftoff mRNA    86166749        86192114        .       -
        .
ID=Smp_345380.1;Parent=Smp_345380;geneID=Smp_345380;product=Probable
mitochondrial 2-oxodicarboxylate carrier
SM_V9_1 Liftoff exon    86166749        86166947        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86168118        86168355        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86173785        86173924        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86176597        86176692        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86178225        86178354        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86180830        86180885        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86181224        86181289        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86183155        86183244        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86187159        86187242        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86190002        86190071        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86190141        86190242        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff exon    86190303        86192114        .       -
        .       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86166913        86166947        .       -
        2       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86168118        86168355        .       -
        0       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86173785        86173924        .       -
        2       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86176597        86176692        .       -
        2       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86178225        86178354        .       -
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        0       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86180830        86180885        .       -
        2       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86181224        86181289        .       -
        2       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86183155        86183244        .       -
        2       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86187159        86187242        .       -
        2       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86190002        86190071        .       -
        0       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86190141        86190242        .       -
        0       Parent=Smp_345380.1
SM_V9_1 Liftoff CDS     86190303        86190455        .       -
        0       Parent=Smp_345380.1
SM_V9_1 Liftoff gene    86198911        86218272        .       +
        .       ID=Smp_320510;geneID=Smp_320510
SM_V9_1 Liftoff mRNA    86198911        86218272        .       +
        .
ID=Smp_320510.1;Parent=Smp_320510;geneID=Smp_320510;product=Plexin
domain-containing protein 1
SM_V9_1 Liftoff exon    86198911        86198952        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86199382        86199522        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86199565        86199666        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86199731        86199800        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86201663        86201764        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86202657        86202728        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86205464        86205519        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86209184        86209259        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86210571        86210666        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86214644        86214789        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86215127        86215297        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff exon    86217913        86218272        .       +
        .       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86198944        86198952        .       +
        0       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86199382        86199522        .       +
        0       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86199565        86199666        .       +
        0       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86199731        86199800        .       +
        0       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86201663        86201764        .       +
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        2       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86202657        86202728        .       +
        2       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86205464        86205519        .       +
        2       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86209184        86209259        .       +
        0       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86210571        86210666        .       +
        2       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86214644        86214789        .       +
        2       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86215127        86215297        .       +
        0       Parent=Smp_320510.1
SM_V9_1 Liftoff CDS     86217913        86218230        .       +
        0       Parent=Smp_320510.1
SM_V9_1 iris    gene    86230143        86290082        .       +
        .
ID=Smp_345390;geneID=Smp_345390;gene_name=Smp_345390;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_1 iris    mRNA    86230143        86290082        .       +
        .
ID=Smp_345390.1;Parent=Smp_345390;geneID=Smp_345390;gene_name=Smp_34
5390;owner=irisadmin@local.host;orig_id=Smp_345390.1;date_last_modif
ied=2022-08-29;Name=Smp_345390.1;product=Cilia- and flagella-
associated protein 65;date_creation=2022-08-29
SM_V9_1 iris    exon    86230143        86230311        .       +
        .       Parent=Smp_345390.1;Name=e79c5ca0-1064-4725-ab71-
f46966e33d42
SM_V9_1 iris    exon    86230355        86230493        .       +
        .       Parent=Smp_345390.1;Name=ce971d43-73eb-4aa4-b922-
d2749b1628a5
SM_V9_1 iris    exon    86230541        86230671        .       +
        .       Parent=Smp_345390.1;Name=fd350fda-44b0-415a-8f61-
a949a4647fe9
SM_V9_1 iris    exon    86230702        86230816        .       +
        .       Parent=Smp_345390.1;Name=3711ee66-39eb-4a30-
bd3e-912af1a42887
SM_V9_1 iris    exon    86230851        86230938        .       +
        .
Parent=Smp_345390.1;Name=1dbe2b02-8a01-4a49-8f1e-8015393b8702
SM_V9_1 iris    exon    86230974        86231119        .       +
        .       Parent=Smp_345390.1;Name=1bfb6183-
ba84-440a-89c5-0f9bffb06317
SM_V9_1 iris    exon    86233503        86233622        .       +
        .       Parent=Smp_345390.1;Name=9d8c0535-e620-48c7-
a037-1035b768faf1
SM_V9_1 iris    exon    86234627        86234735        .       +
        .       Parent=Smp_345390.1;Name=651a8962-52bf-436a-bbf5-
ac0c491b6f47
SM_V9_1 iris    exon    86236681        86236994        .       +
        .       Parent=Smp_345390.1;Name=77b82d85-1f2c-49cd-
b0a9-1e282084c74c
SM_V9_1 iris    exon    86239538        86239660        .       +
        .       Parent=Smp_345390.1;Name=d9b7a735-be3b-4bdb-b51b-
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cfad07f11941
SM_V9_1 iris    exon    86242806        86242886        .       +
        .       Parent=Smp_345390.1;Name=dc8f3ce2-98f8-4acf-8217-
a27b8ecc7f31
SM_V9_1 iris    exon    86244351        86244698        .       +
        .
Parent=Smp_345390.1;Name=cf4e069b-0bc1-4880-81ae-5589bbd60290
SM_V9_1 iris    exon    86248863        86248989        .       +
        .
Parent=Smp_345390.1;Name=0468ed73-29b0-48c3-83c2-8cf6db695d01
SM_V9_1 iris    exon    86251398        86251590        .       +
        .       Parent=Smp_345390.1;Name=ae910a8a-7ac4-4c8f-9ecd-
cf41869ac0f7
SM_V9_1 iris    exon    86255177        86255369        .       +
        .       Parent=Smp_345390.1;Name=59b96756-a08e-4dc0-b072-
ae9deea61e4c
SM_V9_1 iris    exon    86256475        86256614        .       +
        .       Parent=Smp_345390.1;Name=704b3e30-
a3dd-4a2b-9f3f-102e4b3d1a7a
SM_V9_1 iris    exon    86258604        86258688        .       +
        .       Parent=Smp_345390.1;Name=177ecad8-
bab3-4f28-8297-82ad9c21e2d3
SM_V9_1 iris    exon    86261031        86261270        .       +
        .       Parent=Smp_345390.1;Name=57a7c1c8-68c1-4478-
ae91-84c7d0c225d2
SM_V9_1 iris    exon    86262479        86262740        .       +
        .       Parent=Smp_345390.1;Name=9202eddd-e11b-4244-a450-
e8d0efe23ef2
SM_V9_1 iris    exon    86264389        86264542        .       +
        .
Parent=Smp_345390.1;Name=81132210-91bd-4a76-82e8-6c2629a4ab66
SM_V9_1 iris    exon    86267883        86268189        .       +
        .       Parent=Smp_345390.1;Name=8d06e895-db07-4023-9556-
eb687d693482
SM_V9_1 iris    exon    86270659        86270817        .       +
        .       Parent=Smp_345390.1;Name=975eebd2-5457-479d-
b8cf-12f4eb12cb30
SM_V9_1 iris    exon    86274890        86275246        .       +
        .       Parent=Smp_345390.1;Name=12292ae5-fa36-4915-9ebc-
c552ea8af6f9
SM_V9_1 iris    exon    86277711        86277884        .       +
        .       Parent=Smp_345390.1;Name=6dd00ae2-02a2-4b1b-b8e2-
b771ffd2cae3
SM_V9_1 iris    exon    86281055        86281360        .       +
        .       Parent=Smp_345390.1;Name=18cfd04a-596e-4d50-a205-
f217495d4f72
SM_V9_1 iris    exon    86283490        86283606        .       +
        .       Parent=Smp_345390.1;Name=a2551700-645e-4a36-9ca1-
efa7c9bf6f59
SM_V9_1 iris    exon    86285530        86285834        .       +
        .       Parent=Smp_345390.1;Name=22d3a1d7-f571-4aa0-
ac32-34172b0386d7
SM_V9_1 iris    exon    86287358        86287816        .       +
        .       Parent=Smp_345390.1;Name=1792cd3f-
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b298-49d0-9fa7-0e335fb39d67
SM_V9_1 iris    exon    86289746        86290082        .       +
        .       Parent=Smp_345390.1;Name=b07e3e3d-674f-49c8-
b3a9-0ab516462e48
SM_V9_1 iris    CDS     86230166        86230311        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86230355        86230493        .       +
        1       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86230541        86230671        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86230702        86230816        .       +
        1       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86230851        86230938        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86230974        86231119        .       +
        2       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86233503        86233622        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86234627        86234735        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86236681        86236994        .       +
        2       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86239538        86239660        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86242806        86242886        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86244351        86244698        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86248863        86248989        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86251398        86251590        .       +
        2       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86255177        86255369        .       +
        1       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86256475        86256614        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86258604        86258688        .       +
        1       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86261031        86261270        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86262479        86262740        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86264389        86264542        .       +
        2       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86267883        86268189        .       +
        1       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86270659        86270817        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86274890        86275246        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86277711        86277884        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86281055        86281360        .       +
        0       Parent=Smp_345390.1
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SM_V9_1 iris    CDS     86283490        86283606        .       +
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SM_V9_1 iris    CDS     86285530        86285834        .       +
        0       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86287358        86287816        .       +
        1       Parent=Smp_345390.1
SM_V9_1 iris    CDS     86289746        86289902        .       +
        1       Parent=Smp_345390.1
SM_V9_1 Liftoff gene    86292945        86305204        .       -
        .
ID=Smp_341240;geneID=Smp_341240;previous_systematic_id=Smp_075940
SM_V9_1 Liftoff mRNA    86292945        86305204        .       -
        .
ID=Smp_341240.1;Parent=Smp_341240;geneID=Smp_341240;product=Prohibit
in;polypeptide_domain=InterPro:IPR000163,IPR001107
Pfam:PF01145;Ontology_term=GO:0016020
SM_V9_1 Liftoff exon    86292945        86293334        .       -
        .       Parent=Smp_341240.1
SM_V9_1 Liftoff exon    86293932        86294027        .       -
        .       Parent=Smp_341240.1
SM_V9_1 Liftoff exon    86299365        86299624        .       -
        .       Parent=Smp_341240.1
SM_V9_1 Liftoff exon    86304869        86305030        .       -
        .       Parent=Smp_341240.1
SM_V9_1 Liftoff exon    86305066        86305204        .       -
        .       Parent=Smp_341240.1
SM_V9_1 Liftoff CDS     86293116        86293334        .       -
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SM_V9_1 Liftoff CDS     86293932        86294027        .       -
        0       Parent=Smp_341240.1
SM_V9_1 Liftoff CDS     86299365        86299624        .       -
        2       Parent=Smp_341240.1
SM_V9_1 Liftoff CDS     86304869        86305030        .       -
        2       Parent=Smp_341240.1
SM_V9_1 Liftoff CDS     86305066        86305153        .       -
        0       Parent=Smp_341240.1
SM_V9_1 Liftoff gene    86317014        86318834        .       -
        .
ID=Smp_341250;geneID=Smp_341250;previous_systematic_id=Smp_075950
SM_V9_1 Liftoff mRNA    86317014        86318834        .       -
        .
ID=Smp_341250.1;Parent=Smp_341250;geneID=Smp_341250;product=eIF-2-
alpha kinase activator GCN1
SM_V9_1 Liftoff exon    86317014        86318834        .       -
        .       Parent=Smp_341250.1
SM_V9_1 Liftoff CDS     86317084        86318355        .       -
        0       Parent=Smp_341250.1
SM_V9_1 Liftoff gene    86321578        86383912        .       +
        .       ID=Smp_163080;geneID=Smp_163080
SM_V9_1 Liftoff mRNA    86321578        86383912        .       +
        .
ID=Smp_163080.1;Parent=Smp_163080;geneID=Smp_163080;product=Diacylgl
ycerol kinase
theta;polypeptide_domain=InterPro:IPR000159,IPR000756,IPR001206,IPR0
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02219,IPR016064,IPR017438,IPR020454,IPR029071
Pfam:PF00130,PF00609,PF00781,PF00788;Ontology_term=GO:0003951,GO:000
4143,GO:0007165,GO:0007205,GO:0008152,GO:0016301,GO:0035556
SM_V9_1 Liftoff exon    86321578        86326803        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86333177        86333310        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86335184        86335263        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86338096        86338198        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86350686        86350777        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86351834        86352427        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86353394        86353553        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86355767        86355868        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86356105        86356275        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86358263        86358404        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86360212        86360314        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86363026        86363311        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86367144        86367349        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86369069        86369373        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86370876        86371187        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86374545        86374866        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86375943        86376041        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff exon    86378382        86383912        .       +
        .       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86326712        86326803        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86333177        86333310        .       +
        1       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86335184        86335263        .       +
        2       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86338096        86338198        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86350686        86350777        .       +
        2       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86351834        86352427        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86353394        86353553        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86355767        86355868        .       +
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        2       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86356105        86356275        .       +
        2       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86358263        86358404        .       +
        2       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86360212        86360314        .       +
        1       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86363026        86363311        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86367144        86367349        .       +
        2       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86369069        86369373        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86370876        86371187        .       +
        1       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86374545        86374866        .       +
        1       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86375943        86376041        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff CDS     86378382        86379011        .       +
        0       Parent=Smp_163080.1
SM_V9_1 Liftoff gene    86396233        86405060        .       +
        .       ID=Smp_348240;geneID=Smp_348240;note=added from
PMID:29497070
SM_V9_1 Liftoff mRNA    86396233        86405060        .       +
        .
ID=Smp_348240.1;Parent=Smp_348240;geneID=Smp_348240;product=UPF0328
protein ECU07_1870/ECU10_0030
SM_V9_1 Liftoff exon    86396233        86396713        .       +
        .       Parent=Smp_348240.1
SM_V9_1 Liftoff exon    86405032        86405060        .       +
        .       Parent=Smp_348240.1
SM_V9_1 Liftoff CDS     86396601        86396713        .       +
        0       Parent=Smp_348240.1
SM_V9_1 Liftoff CDS     86405032        86405053        .       +
        1       Parent=Smp_348240.1
SM_V9_1 Liftoff gene    86431900        86494354        .       +
        .       ID=Smp_163090;geneID=Smp_163090
SM_V9_1 Liftoff mRNA    86431900        86494354        .       +
        .
ID=Smp_163090.1;Parent=Smp_163090;geneID=Smp_163090;product=Potassiu
m voltage-gated channel protein
Shaw;polypeptide_domain=InterPro:IPR000210,IPR003131,IPR003968,IPR00
3974,IPR005821,IPR011333,IPR028325
Pfam:PF00520,PF02214;Ontology_term=GO:0005216,GO:0005249,GO:0005515,
GO:0006811,GO:0006813,GO:0008076,GO:0016020,GO:0051260,GO:0055085
SM_V9_1 Liftoff exon    86431900        86456034        .       +
        .       Parent=Smp_163090.1
SM_V9_1 Liftoff exon    86469276        86469503        .       +
        .       Parent=Smp_163090.1
SM_V9_1 Liftoff exon    86478266        86479066        .       +
        .       Parent=Smp_163090.1
SM_V9_1 Liftoff exon    86481580        86481649        .       +
        .       Parent=Smp_163090.1
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SM_V9_1 Liftoff exon    86490282        86490620        .       +
        .       Parent=Smp_163090.1
SM_V9_1 Liftoff exon    86493194        86494354        .       +
        .       Parent=Smp_163090.1
SM_V9_1 Liftoff CDS     86455756        86456034        .       +
        0       Parent=Smp_163090.1
SM_V9_1 Liftoff CDS     86469276        86469503        .       +
        0       Parent=Smp_163090.1
SM_V9_1 Liftoff CDS     86478266        86479066        .       +
        0       Parent=Smp_163090.1
SM_V9_1 Liftoff CDS     86481580        86481649        .       +
        0       Parent=Smp_163090.1
SM_V9_1 Liftoff CDS     86490282        86490620        .       +
        2       Parent=Smp_163090.1
SM_V9_1 Liftoff CDS     86493194        86493867        .       +
        2       Parent=Smp_163090.1
SM_V9_1 iris    gene    86501966        86537584        .       +
        .
ID=Smp_197150;geneID=Smp_197150;gene_name=Smp_197150;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    86501966        86537584        .       +
        .
ID=Smp_197150.1;Parent=Smp_197150;geneID=Smp_197150;gene_name=Smp_19
7150;owner=irisadmin@local.host;orig_id=Smp_197150.1;date_last_modif
ied=2022-08-01;Name=Smp_197150.1;product=High affinity cGMP-specific
3',5'-cyclic phosphodiesterase 9A;date_creation=2022-07-29
SM_V9_1 iris    exon    86501966        86502094        .       +
        .       Parent=Smp_197150.1;Name=a8deeb01-3ec1-413f-
bc6a-49277a856d9f
SM_V9_1 iris    exon    86502143        86502213        .       +
        .       Parent=Smp_197150.1;Name=5871ee77-6ff0-46aa-
a2c2-93b1ac67b29b
SM_V9_1 iris    exon    86502281        86502358        .       +
        .       Parent=Smp_197150.1;Name=8617b332-
e1ef-46bb-9981-0b148e253419
SM_V9_1 iris    exon    86504885        86504980        .       +
        .       Parent=Smp_197150.1;Name=9cf7ca91-8e42-4d64-
b776-891e803d572b
SM_V9_1 iris    exon    86506456        86506526        .       +
        .       Parent=Smp_197150.1;Name=e81f4561-5a03-48f8-92c9-
e3758c523a32
SM_V9_1 iris    exon    86508849        86508948        .       +
        .       Parent=Smp_197150.1;Name=0d21dec1-
b8a5-452f-9ad2-81153bf88af3
SM_V9_1 iris    exon    86511572        86511659        .       +
        .       Parent=Smp_197150.1;Name=1b32697c-6f9e-4a6b-85af-
d4399ba5c11e
SM_V9_1 iris    exon    86515960        86516034        .       +
        .       Parent=Smp_197150.1;Name=edb5d8eb-
b82f-4a5f-967d-7cb0d10683d8
SM_V9_1 iris    exon    86520006        86520092        .       +
        .
Parent=Smp_197150.1;Name=448807d1-1f57-4e63-8dcd-02f32a653e99
SM_V9_1 iris    exon    86522452        86522639        .       +
```

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        .       Parent=Smp_197150.1;Name=84276d9c-f381-41b7-93d0-
bcbaa8ed03ba
SM_V9_1 iris    exon    86526612        86526768        .       +
        .       Parent=Smp_197150.1;Name=273f01b2-
c96c-4d17-8f2f-1e49934c6684
SM_V9_1 iris    exon    86531377        86531493        .       +
        .
Parent=Smp_197150.1;Name=a234c79e-631b-4ea6-9f46-8587c779d596
SM_V9_1 iris    exon    86532253        86532357        .       +
        .       Parent=Smp_197150.1;Name=85134ea8-8d3d-4c16-
be4c-4298e1e22f31
SM_V9_1 iris    exon    86535606        86535734        .       +
        .       Parent=Smp_197150.1;Name=b17b3bda-f9c9-4932-9b8e-
a10396a4294c
SM_V9_1 iris    exon    86537299        86537584        .       +
        .       Parent=Smp_197150.1;Name=5725f187-c5dc-4167-acbd-
dd6869193d00
SM_V9_1 iris    CDS     86502026        86502094        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86502143        86502213        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86502281        86502358        .       +
        1       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86504885        86504980        .       +
        1       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86506456        86506526        .       +
        1       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86508849        86508948        .       +
        2       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86511572        86511659        .       +
        1       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86515960        86516034        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86520006        86520092        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86522452        86522639        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86526612        86526768        .       +
        1       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86531377        86531493        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86532253        86532357        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86535606        86535734        .       +
        0       Parent=Smp_197150.1
SM_V9_1 iris    CDS     86537299        86537421        .       +
        0       Parent=Smp_197150.1
SM_V9_1 Liftoff gene    86539637        86547146        .       -
        .       ID=Smp_187140;geneID=Smp_187140
SM_V9_1 Liftoff mRNA    86539637        86547146        .       -
        .
ID=Smp_187140.1;Parent=Smp_187140;geneID=Smp_187140;product=Cathepsi
n L-like proteinase;polypeptide_domain=InterPro:IPR000668,IPR013201
Pfam:PF00112,PF08246;Ontology_term=GO:0006508,GO:0008234
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SM_V9_1 Liftoff exon    86539637        86539969        .       -
        .       Parent=Smp_187140.1
SM_V9_1 Liftoff exon    86541849        86542006        .       -
        .       Parent=Smp_187140.1
SM_V9_1 Liftoff exon    86543792        86544013        .       -
        .       Parent=Smp_187140.1
SM_V9_1 Liftoff exon    86546706        86547146        .       -
        .       Parent=Smp_187140.1
SM_V9_1 Liftoff CDS     86539747        86539969        .       -
        1       Parent=Smp_187140.1
SM_V9_1 Liftoff CDS     86541849        86542006        .       -
        0       Parent=Smp_187140.1
SM_V9_1 Liftoff CDS     86543792        86544013        .       -
        0       Parent=Smp_187140.1
SM_V9_1 Liftoff CDS     86546706        86547131        .       -
        0       Parent=Smp_187140.1
SM_V9_1 iris    gene    86667590        86702789        .       +
        .
ID=Smp_139150;geneID=Smp_139150;gene_name=Smp_139150;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    86667590        86702789        .       +
        .
ID=Smp_139150.1;Parent=Smp_139150;geneID=Smp_139150;gene_name=Smp_13
9150;owner=irisadmin@local.host;orig_id=Smp_139150.2;date_last_modif
ied=2022-07-18;Name=Smp_139150.1;product=Sodium-dependent glucose
transporter 1A;date_creation=2022-07-18
SM_V9_1 iris    exon    86667590        86667841        .       +
        .
Parent=Smp_139150.1;Name=2fe7b194-8354-4ae6-99fc-6b75adaa15ef
SM_V9_1 iris    exon    86676857        86677148        .       +
        .       Parent=Smp_139150.1;Name=3dc631a4-
cdb3-4ebb-9033-018ff71b3501
SM_V9_1 iris    exon    86684063        86684412        .       +
        .       Parent=Smp_139150.1;Name=40fbd69b-aedc-44ea-
bf36-2f55dbbeaf76
SM_V9_1 iris    exon    86701491        86702789        .       +
        .       Parent=Smp_139150.1;Name=04f776da-7bb7-4fa1-
abeb-5b43675b128b
SM_V9_1 iris    CDS     86667668        86667841        .       +
        0       Parent=Smp_139150.1
SM_V9_1 iris    CDS     86676857        86677148        .       +
        0       Parent=Smp_139150.1
SM_V9_1 iris    CDS     86684063        86684412        .       +
        2       Parent=Smp_139150.1
SM_V9_1 iris    CDS     86701491        86702393        .       +
        0       Parent=Smp_139150.1
SM_V9_1 iris    gene    86715567        86717870        .       -
        .
ID=Smp_343260;geneID=Smp_343260;gene_name=Smp_343260;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    86715567        86717870        .       -
        .
ID=Smp_343260.1;Parent=Smp_343260;geneID=Smp_343260;gene_name=Smp_34
3260;owner=irisadmin@local.host;orig_id=Smp_343260.1;date_last_modif
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ied=2022-08-12;Name=Smp_343260.1;product=cathepsin
L;date_creation=2022-08-12
SM_V9_1 iris    exon    86715567        86715820        .       -
        .       Parent=Smp_343260.1;Name=43ae22da-fda2-400e-
b864-50f828a6a294
SM_V9_1 iris    exon    86716759        86716916        .       -
        .       Parent=Smp_343260.1;Name=bed2d6f8-9276-4c99-
a0bd-794dae71bcbc
SM_V9_1 iris    exon    86717178        86717399        .       -
        .       Parent=Smp_343260.1;Name=51f0f75b-c501-4942-
a7a6-21149b252425
SM_V9_1 iris    exon    86717437        86717870        .       -
        .       Parent=Smp_343260.1;Name=546b1f06-bbf5-4a5c-
a12a-7fdbf16ef2fb
SM_V9_1 iris    CDS     86715610        86715820        .       -
        1       Parent=Smp_343260.1
SM_V9_1 iris    CDS     86716759        86716916        .       -
        0       Parent=Smp_343260.1
SM_V9_1 iris    CDS     86717178        86717399        .       -
        0       Parent=Smp_343260.1
SM_V9_1 iris    CDS     86717437        86717838        .       -
        0       Parent=Smp_343260.1
SM_V9_1 iris    gene    86741086        86799806        .       +
        .
ID=Smp_139180;geneID=Smp_139180;gene_name=Smp_139180;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    86741086        86799806        .       +
        .
ID=Smp_139180.1;Parent=Smp_139180;geneID=Smp_139180;gene_name=Smp_13
9180;owner=irisadmin@local.host;orig_id=Smp_139180.1;date_last_modif
ied=2022-08-12;Name=Smp_139180.1;product=Frizzled-5;date_creation=20
22-08-12
SM_V9_1 iris    exon    86741086        86741741        .       +
        .       Parent=Smp_139180.1;Name=04ac52bc-
fc4c-4d5b-936b-6ab59d76cba2
SM_V9_1 iris    exon    86769103        86769656        .       +
        .       Parent=Smp_139180.1;Name=c9e0a4cc-f49a-45db-9f74-
bca56b887ad3
SM_V9_1 iris    exon    86788415        86788633        .       +
        .       Parent=Smp_139180.1;Name=48be22eb-3f7c-44b8-819a-
ad7964161275
SM_V9_1 iris    exon    86792917        86793858        .       +
        .       Parent=Smp_139180.1;Name=6176f07d-
c116-4300-92ad-4a84dff1151b
SM_V9_1 iris    exon    86797399        86799806        .       +
        .       Parent=Smp_139180.1;Name=0941050b-c6f2-4369-9bed-
d27da0d9a02d
SM_V9_1 iris    CDS     86769120        86769656        .       +
        0       Parent=Smp_139180.1
SM_V9_1 iris    CDS     86788415        86788633        .       +
        0       Parent=Smp_139180.1
SM_V9_1 iris    CDS     86792917        86793858        .       +
        0       Parent=Smp_139180.1
SM_V9_1 iris    CDS     86797399        86798649        .       +
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        0       Parent=Smp_139180.1
SM_V9_1 iris    gene    86813153        86884790        .       -
        .
ID=Smp_343270;geneID=Smp_343270;gene_name=Smp_343270;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    86813153        86884790        .       -
        .
ID=Smp_343270.1;Parent=Smp_343270;geneID=Smp_343270;gene_name=Smp_34
3270;owner=irisadmin@local.host;orig_id=Smp_343270.1;date_last_modif
ied=2022-07-18;Name=Smp_343270.1;product=Adenomatous polyposis coli
homolog;date_creation=2022-07-18
SM_V9_1 iris    exon    86813153        86814861        .       -
        .       Parent=Smp_343270.1;Name=c4da10f0-573b-4f69-9098-
efac353d66cf
SM_V9_1 iris    exon    86818753        86819587        .       -
        .       Parent=Smp_343270.1;Name=18af3647-eb2f-40d0-
bcea-88049c824c18
SM_V9_1 iris    exon    86823036        86823638        .       -
        .
Parent=Smp_343270.1;Name=3df9aad2-6965-44bf-9be5-7d9550beeceb
SM_V9_1 iris    exon    86829594        86829838        .       -
        .       Parent=Smp_343270.1;Name=db288cf6-be45-41f4-
b564-2b1b95927526
SM_V9_1 iris    exon    86831997        86833091        .       -
        .       Parent=Smp_343270.1;Name=afc18382-2442-4fc3-bce2-
b70d619a3723
SM_V9_1 iris    exon    86834096        86837151        .       -
        .       Parent=Smp_343270.1;Name=308d215e-
d599-4679-8225-78edeeae7fd1
SM_V9_1 iris    exon    86837906        86838040        .       -
        .       Parent=Smp_343270.1;Name=f2c5d3cf-4fbe-4213-98ff-
dd71eef4f341
SM_V9_1 iris    exon    86842603        86842799        .       -
        .       Parent=Smp_343270.1;Name=43990210-1a09-4d45-9328-
a7adff510e64
SM_V9_1 iris    exon    86854593        86854924        .       -
        .
Parent=Smp_343270.1;Name=5957621a-3061-4930-877b-39eee29bd1b4
SM_V9_1 iris    exon    86857387        86857726        .       -
        .       Parent=Smp_343270.1;Name=201af49b-3d6e-4cef-a6eb-
c26920303c1c
SM_V9_1 iris    exon    86861275        86861489        .       -
        .       Parent=Smp_343270.1;Name=5f6d75ad-5494-4c72-
bd30-82554becd7e0
SM_V9_1 iris    exon    86867826        86867896        .       -
        .       Parent=Smp_343270.1;Name=daf7a012-8766-4473-8655-
a1043bf4290a
SM_V9_1 iris    exon    86870329        86871049        .       -
        .       Parent=Smp_343270.1;Name=0e3b1498-6e6a-4808-a38e-
b4928946f5f9
SM_V9_1 iris    exon    86871842        86872176        .       -
        .
Parent=Smp_343270.1;Name=3f83533c-4e0a-4880-88e7-13c186997d47
SM_V9_1 iris    exon    86874584        86874711        .       -
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        .       Parent=Smp_343270.1;Name=38204c88-57cc-436e-bfc9-
f5c3c906b168
SM_V9_1 iris    exon    86880597        86881082        .       -
        .
Parent=Smp_343270.1;Name=7893a71a-9638-4ef5-8f17-68cd154a5bf9
SM_V9_1 iris    exon    86884715        86884790        .       -
        .       Parent=Smp_343270.1;Name=7b52ccdd-
b94e-4223-880f-61c3f9d92c5a
SM_V9_1 iris    CDS     86814458        86814861        .       -
        2       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86818753        86819587        .       -
        0       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86823036        86823638        .       -
        0       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86829594        86829838        .       -
        2       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86831997        86833091        .       -
        2       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86834096        86837151        .       -
        1       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86837906        86838040        .       -
        1       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86842603        86842799        .       -
        0       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86854593        86854924        .       -
        2       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86857387        86857726        .       -
        0       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86861275        86861489        .       -
        2       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86867826        86867896        .       -
        1       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86870329        86871049        .       -
        2       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86871842        86872176        .       -
        1       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86874584        86874711        .       -
        0       Parent=Smp_343270.1
SM_V9_1 iris    CDS     86880597        86880986        .       -
        0       Parent=Smp_343270.1
SM_V9_1 Liftoff gene    86927923        86996392        .       +
        .       ID=Smp_139200;geneID=Smp_139200
SM_V9_1 Liftoff mRNA    86927923        86996392        .       +
        .
ID=Smp_139200.1;Parent=Smp_139200;geneID=Smp_139200;product=nuclear
receptor subfamily 4 group A member;evidence=Traceable Author
Statement;literature=PMID:16406405;polypeptide_domain=InterPro:IPR00
0536,IPR001628,IPR001723,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003677,GO:0003700,GO:0003707,
GO:0005634,GO:0006355,GO:0008270,GO:0043401,GO:0043565
SM_V9_1 Liftoff exon    86927923        86937325        .       +
        .       Parent=Smp_139200.1
SM_V9_1 Liftoff exon    86954572        86954701        .       +
        .       Parent=Smp_139200.1
```

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SM_V9_1 Liftoff exon    86959713        86960146        .       +
        .       Parent=Smp_139200.1
SM_V9_1 Liftoff exon    86972271        86972440        .       +
        .       Parent=Smp_139200.1
SM_V9_1 Liftoff exon    86992468        86992991        .       +
        .       Parent=Smp_139200.1
SM_V9_1 Liftoff exon    86995090        86996392        .       +
        .       Parent=Smp_139200.1
SM_V9_1 Liftoff CDS     86934344        86937325        .       +
        0       Parent=Smp_139200.1
SM_V9_1 Liftoff CDS     86954572        86954701        .       +
        0       Parent=Smp_139200.1
SM_V9_1 Liftoff CDS     86959713        86960146        .       +
        2       Parent=Smp_139200.1
SM_V9_1 Liftoff CDS     86972271        86972440        .       +
        0       Parent=Smp_139200.1
SM_V9_1 Liftoff CDS     86992468        86992991        .       +
        1       Parent=Smp_139200.1
SM_V9_1 Liftoff CDS     86995090        86995496        .       +
        2       Parent=Smp_139200.1
SM_V9_1 iris    gene    87011983        87087684        .       +
        .
ID=Smp_310210;geneID=Smp_310210;gene_name=Smp_310210;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_1 iris    mRNA    87011983        87087684        .       +
        .
ID=Smp_310210.1;Parent=Smp_310210;geneID=Smp_310210;gene_name=Smp_31
0210;owner=irisadmin@local.host;orig_id=Smp_310210.1;date_last_modif
ied=2022-09-05;Name=Smp_310210.1;product=Hypothetical
protein;date_creation=2022-09-05
SM_V9_1 iris    exon    87011983        87012546        .       +
        .       Parent=Smp_310210.1;Name=a9142215-0ac5-44bd-9596-
de54847d3280
SM_V9_1 iris    exon    87052344        87052422        .       +
        .       Parent=Smp_310210.1;Name=050bc9b3-dedb-4945-8069-
b402111700bf
SM_V9_1 iris    exon    87053961        87054047        .       +
        .       Parent=Smp_310210.1;Name=06af23e3-64e7-4aad-
ad36-4e046103a35b
SM_V9_1 iris    exon    87060278        87060463        .       +
        .       Parent=Smp_310210.1;Name=e0386c94-a0e6-4b7b-8b85-
d34e630ff03a
SM_V9_1 iris    exon    87062759        87063394        .       +
        .       Parent=Smp_310210.1;Name=044a90a6-1e41-4320-8611-
c44809aacfec
SM_V9_1 iris    exon    87066509        87067329        .       +
        .       Parent=Smp_310210.1;Name=1329428f-a37b-461d-a2bd-
bf9134be0ab7
SM_V9_1 iris    exon    87077801        87078527        .       +
        .       Parent=Smp_310210.1;Name=932a1c0f-2f25-4acb-
a0cf-9015626f114a
SM_V9_1 iris    exon    87082203        87082415        .       +
        .       Parent=Smp_310210.1;Name=c9591279-f03f-4b4a-ac1f-
a2b2e3cbf8f4
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SM_V9_1 iris    exon    87084857        87087684        .       +
        .       Parent=Smp_310210.1;Name=09aa5b14-
a52c-4196-9773-66eec16f26e8
SM_V9_1 iris    CDS     87012497        87012546        .       +
        0       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87052344        87052422        .       +
        1       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87053961        87054047        .       +
        0       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87060278        87060463        .       +
        0       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87062759        87063394        .       +
        0       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87066509        87067329        .       +
        0       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87077801        87078527        .       +
        1       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87082203        87082415        .       +
        0       Parent=Smp_310210.1
SM_V9_1 iris    CDS     87084857        87086971        .       +
        0       Parent=Smp_310210.1
SM_V9_1 Liftoff gene    87091362        87151909        .       -
        .
ID=Smp_343280;geneID=Smp_343280;previous_systematic_id=Smp_139220
SM_V9_1 Liftoff mRNA    87091362        87151909        .       -
        .
ID=Smp_343280.1;Parent=Smp_343280;geneID=Smp_343280;product=Probable
G-protein coupled receptor 158;polypeptide_domain=InterPro:IPR017978
Pfam:PF00003;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_1 Liftoff exon    87091362        87096889        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87101128        87101234        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87102501        87102683        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87106425        87106530        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87108532        87108670        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87111927        87112324        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87114440        87114549        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87116222        87116290        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87118551        87118793        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87128533        87128625        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87136196        87136277        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff exon    87150483        87151909        .       -
        .       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87096433        87096889        .       -
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        1       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87101128        87101234        .       -
        0       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87102501        87102683        .       -
        0       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87106425        87106530        .       -
        1       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87108532        87108670        .       -
        2       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87111927        87112324        .       -
        1       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87114440        87114549        .       -
        0       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87116222        87116290        .       -
        0       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87118551        87118793        .       -
        0       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87128533        87128625        .       -
        0       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87136196        87136277        .       -
        1       Parent=Smp_343280.1
SM_V9_1 Liftoff CDS     87150483        87151279        .       -
        0       Parent=Smp_343280.1
SM_V9_1 iris    gene    87171237        87180289        .       -
        .
ID=Smp_031560;geneID=Smp_031560;gene_name=Smp_031560;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    87171237        87180289        .       -
        .
ID=Smp_031560.1;Parent=Smp_031560;geneID=Smp_031560;gene_name=Smp_03
1560;owner=irisadmin@local.host;orig_id=Smp_031560.1;date_last_modif
ied=2022-07-18;Name=Smp_031560.1;product=Probable phosphoinositide
phosphatase SAC9;date_creation=2022-07-18
SM_V9_1 iris    exon    87171237        87172479        .       -
        .       Parent=Smp_031560.1;Name=b019aa42-b3cb-4392-
a6d7-25eb6c5b9f4f
SM_V9_1 iris    exon    87173919        87174179        .       -
        .       Parent=Smp_031560.1;Name=e289242d-540e-4e81-bbe2-
a5f665d1f488
SM_V9_1 iris    exon    87178217        87178313        .       -
        .       Parent=Smp_031560.1;Name=f743d86e-f33e-4b06-
bebd-30fc365c8f90
SM_V9_1 iris    exon    87178351        87178561        .       -
        .       Parent=Smp_031560.1;Name=7bd5bbc1-f4c5-45ee-9314-
f778718f114c
SM_V9_1 iris    exon    87180013        87180289        .       -
        .       Parent=Smp_031560.1;Name=06060397-1d58-48b3-b6a9-
a5d2f131e345
SM_V9_1 iris    CDS     87173983        87174179        .       -
        2       Parent=Smp_031560.1
SM_V9_1 iris    CDS     87178217        87178313        .       -
        0       Parent=Smp_031560.1
SM_V9_1 iris    CDS     87178351        87178524        .       -
        0       Parent=Smp_031560.1
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SM_V9_1 iris    gene    87201711        87205133        .       +
       .
ID=Smp_031570;geneID=Smp_031570;gene_name=Smp_031570;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    87201711        87205133        .       +
       .
ID=Smp_031570.1;Parent=Smp_031570;geneID=Smp_031570;gene_name=Smp_03
1570;owner=irisadmin@local.host;orig_id=Smp_031570.1;date_last_modif
ied=2022-07-18;Name=Smp_031570.1;product=60S ribosomal protein
L18;date_creation=2022-07-18
SM_V9_1 iris    exon    87201711        87201740        .       +
       .       Parent=Smp_031570.1;Name=22078236-aab3-4d4b-83d8-
b1d261d09827
SM_V9_1 iris    exon    87204406        87204699        .       +
       .       Parent=Smp_031570.1;Name=b32a9173-e5af-41a1-be09-
b2b5338050f8
SM_V9_1 iris    exon    87204785        87205133        .       +
       .       Parent=Smp_031570.1;Name=1ca6357c-44c9-4dc9-9caa-
ada1a178b7ac
SM_V9_1 iris    CDS     87201738        87201740        .       +
       0       Parent=Smp_031570.1
SM_V9_1 iris    CDS     87204406        87204699        .       +
       0       Parent=Smp_031570.1
SM_V9_1 iris    CDS     87204785        87205054        .       +
       0       Parent=Smp_031570.1
SM_V9_1 iris    gene    87208400        87209785        .       -
       .
ID=Smp_201230;geneID=Smp_201230;gene_name=Smp_201230;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    87208400        87209785        .       -
       .
ID=Smp_201230.1;Parent=Smp_201230;geneID=Smp_201230;gene_name=Smp_20
1230;owner=irisadmin@local.host;orig_id=Smp_201230.1;date_last_modif
ied=2022-08-16;Name=Smp_201230.1;product=Erlin-2;date_creation=2022-
08-16
SM_V9_1 iris    exon    87208400        87209785        .       -
       .       Parent=Smp_201230.1;Name=6650e8d7-63c9-43f2-9536-
af0153c636c0
SM_V9_1 iris    CDS     87209026        87209577        .       -
       0       Parent=Smp_201230.1
SM_V9_1 iris    gene    87214612        87261943        .       -
       .
ID=Smp_320530;geneID=Smp_320530;gene_name=Smp_320530;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    87214612        87261943        .       -
       .
ID=Smp_320530.1;Parent=Smp_320530;geneID=Smp_320530;gene_name=Smp_32
0530;owner=irisadmin@local.host;orig_id=Smp_320530.1;date_last_modif
ied=2022-07-18;Name=Smp_320530.1;product=Polypeptide N-
acetylgalactosaminyltransferase 13;date_creation=2022-07-18
SM_V9_1 iris    exon    87214612        87215644        .       -
       .       Parent=Smp_320530.1;Name=c202e0f7-f87f-4525-
a0ea-2bbd2e79bc39
SM_V9_1 iris    exon    87218497        87218569        .       -
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        .       Parent=Smp_320530.1;Name=df4336af-4d5c-4a45-
ac01-3fba5d8b6a65
SM_V9_1 iris    exon    87221462        87221704        .       -
        .       Parent=Smp_320530.1;Name=69e6f9eb-d491-454a-
b14c-3a9952020df3
SM_V9_1 iris    exon    87226018        87226157        .       -
        .       Parent=Smp_320530.1;Name=ae6f2e41-a8ad-47c6-
ba9f-44c2ddde027e
SM_V9_1 iris    exon    87234193        87234436        .       -
        .       Parent=Smp_320530.1;Name=721c35ff-7daa-4231-85b0-
b3a5b3c478f8
SM_V9_1 iris    exon    87239505        87239668        .       -
        .       Parent=Smp_320530.1;Name=01fe4828-
b651-40ee-88ca-0f1ee877cd33
SM_V9_1 iris    exon    87243836        87244105        .       -
        .       Parent=Smp_320530.1;Name=e029794b-02b1-4791-bbfc-
a76c04e69625
SM_V9_1 iris    exon    87249168        87249340        .       -
        .       Parent=Smp_320530.1;Name=3080c1fa-718b-4ebf-9bae-
c1497388fe21
SM_V9_1 iris    exon    87257306        87257531        .       -
        .
Parent=Smp_320530.1;Name=5065fd71-74e6-4e6e-84a9-7f77aade3e5b
SM_V9_1 iris    exon    87261782        87261943        .       -
        .       Parent=Smp_320530.1;Name=ccb8ac7f-3b30-4437-9f06-
a5c64761a7e1
SM_V9_1 iris    CDS     87215571        87215644        .       -
        2       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87218497        87218569        .       -
        0       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87221462        87221704        .       -
        0       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87226018        87226157        .       -
        2       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87234193        87234436        .       -
        0       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87239505        87239668        .       -
        2       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87243836        87244105        .       -
        2       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87249168        87249340        .       -
        1       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87257306        87257531        .       -
        2       Parent=Smp_320530.1
SM_V9_1 iris    CDS     87261782        87261896        .       -
        0       Parent=Smp_320530.1
SM_V9_1 iris    gene    87273765        87276299        .       +
        .
ID=Smp_031590;geneID=Smp_031590;gene_name=Smp_031590;owner=irisadmin
@local.host;date_last_modified=2022-08-16;date_creation=2022-08-16
SM_V9_1 iris    mRNA    87273765        87276299        .       +
        .
ID=Smp_031590.1;Parent=Smp_031590;geneID=Smp_031590;gene_name=Smp_03
1590;owner=irisadmin@local.host;orig_id=Smp_031590.1;date_last_modif
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ied=2022-08-16;Name=Smp_031590.1;product=cAMP-responsive element-
binding protein-like 2;date_creation=2022-08-16
SM_V9_1 iris    exon    87273765        87273799        .       +
        .
Parent=Smp_031590.1;Name=5610d641-7248-439c-9397-5a4900140ae2
SM_V9_1 iris    exon    87275560        87275787        .       +
        .       Parent=Smp_031590.1;Name=fafc6dae-8feb-46ad-a270-
a208541868d6
SM_V9_1 iris    exon    87275832        87276299        .       +
        .       Parent=Smp_031590.1;Name=0fe4dafe-7745-4e56-9702-
a28d5b11c81a
SM_V9_1 iris    CDS     87275590        87275787        .       +
        0       Parent=Smp_031590.1
SM_V9_1 iris    CDS     87275832        87275909        .       +
        0       Parent=Smp_031590.1
SM_V9_1 Liftoff gene    87282008        87290989        .       -
        .       ID=Smp_139240;geneID=Smp_139240
SM_V9_1 Liftoff mRNA    87282008        87290989        .       -
        .
ID=Smp_139240.1;Parent=Smp_139240;geneID=Smp_139240;product=Cathepsi
n S;polypeptide_domain=InterPro:IPR000668,IPR013201
Pfam:PF00112;Ontology_term=GO:0006508,GO:0008234
SM_V9_1 Liftoff exon    87282008        87282341        .       -
        .       Parent=Smp_139240.1
SM_V9_1 Liftoff exon    87285528        87285682        .       -
        .       Parent=Smp_139240.1
SM_V9_1 Liftoff exon    87287103        87287315        .       -
        .       Parent=Smp_139240.1
SM_V9_1 Liftoff exon    87290465        87290989        .       -
        .       Parent=Smp_139240.1
SM_V9_1 Liftoff CDS     87282131        87282341        .       -
        1       Parent=Smp_139240.1
SM_V9_1 Liftoff CDS     87285528        87285682        .       -
        0       Parent=Smp_139240.1
SM_V9_1 Liftoff CDS     87287103        87287315        .       -
        0       Parent=Smp_139240.1
SM_V9_1 Liftoff CDS     87290465        87290923        .       -
        0       Parent=Smp_139240.1
SM_V9_1 iris    gene    87298492        87313022        .       -
        .
ID=Smp_139250;geneID=Smp_139250;gene_name=Smp_139250;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_1 iris    mRNA    87298492        87313022        .       -
        .
ID=Smp_139250.1;Parent=Smp_139250;geneID=Smp_139250;gene_name=Smp_13
9250;owner=irisadmin@local.host;orig_id=Smp_139250.1;date_last_modif
ied=2022-08-12;Name=Smp_139250.1;product=WD repeat-containing
protein 86;date_creation=2022-08-12
SM_V9_1 iris    exon    87298492        87298798        .       -
        .       Parent=Smp_139250.1;Name=0b330f09-10a3-499b-80a2-
f0730aba5994
SM_V9_1 iris    exon    87300935        87301041        .       -
        .
Parent=Smp_139250.1;Name=c5ba303d-62c3-474d-89d9-1f6da96c9dff
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SM_V9_1 iris    exon    87304061        87304196        .       -
        .       Parent=Smp_139250.1;Name=67ba9336-3503-4422-9d39-
a38998869365
SM_V9_1 iris    exon    87306112        87306579        .       -
        .       Parent=Smp_139250.1;Name=360a06d8-87bb-43ed-8418-
e8121deb2fc2
SM_V9_1 iris    exon    87309341        87309668        .       -
        .       Parent=Smp_139250.1;Name=4e089749-8236-40a4-afd9-
f77baf28d7ba
SM_V9_1 iris    exon    87312924        87313022        .       -
        .       Parent=Smp_139250.1;Name=9f511639-7af7-428d-
bf6e-9d9c5f3e7d40
SM_V9_1 iris    CDS     87298700        87298798        .       -
        0       Parent=Smp_139250.1
SM_V9_1 iris    CDS     87300935        87301041        .       -
        2       Parent=Smp_139250.1
SM_V9_1 iris    CDS     87304061        87304196        .       -
        0       Parent=Smp_139250.1
SM_V9_1 iris    CDS     87306112        87306579        .       -
        0       Parent=Smp_139250.1
SM_V9_1 iris    CDS     87309341        87309655        .       -
        0       Parent=Smp_139250.1
SM_V9_1 iris    gene    87321324        87334429        .       -
        .
ID=Smp_346840;geneID=Smp_346840;gene_name=Smp_346840;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    87321324        87334429        .       -
        .
ID=Smp_346840.1;Parent=Smp_346840;geneID=Smp_346840;gene_name=Smp_34
6840;owner=irisadmin@local.host;orig_id=Smp_346840.1;date_last_modif
ied=2022-08-01;Name=Smp_346840.1;product=Mitochondrial uncoupling
protein 4;date_creation=2022-07-29
SM_V9_1 iris    exon    87321324        87321744        .       -
        .       Parent=Smp_346840.1;Name=ed6a709c-
a03c-4e3c-9182-032575ced25a
SM_V9_1 iris    exon    87324725        87324961        .       -
        .       Parent=Smp_346840.1;Name=346254c0-4eb3-4a09-a0e0-
ccf481464f03
SM_V9_1 iris    exon    87326785        87326953        .       -
        .
Parent=Smp_346840.1;Name=d1b6a2a9-1d8e-4480-92bb-21e8bbdd47c0
SM_V9_1 iris    exon    87331772        87331863        .       -
        .       Parent=Smp_346840.1;Name=d9d05ac2-e8b4-47a7-
b1a5-81a1c7211373
SM_V9_1 iris    exon    87332672        87332835        .       -
        .       Parent=Smp_346840.1;Name=9af70003-33e0-4894-
a45c-03c8c0fe9e75
SM_V9_1 iris    exon    87332871        87332978        .       -
        .       Parent=Smp_346840.1;Name=5ac916f0-d26e-4783-
b242-0c5ac52fb839
SM_V9_1 iris    exon    87333970        87334131        .       -
        .       Parent=Smp_346840.1;Name=dc8d8028-6a4a-4674-a1c1-
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SM_V9_1 iris    exon    87334165        87334429        .       -
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SM_V9_1 iris    CDS     87326785        87326953        .       -
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SM_V9_1 iris    CDS     87331772        87331863        .       -
        0       Parent=Smp_346840.1
SM_V9_1 iris    CDS     87332672        87332835        .       -
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SM_V9_1 iris    CDS     87333970        87334131        .       -
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SM_V9_1 iris    CDS     87334165        87334270        .       -
        0       Parent=Smp_346840.1
SM_V9_1 Liftoff gene    87342520        87343368        .       +
        .       ID=Smp_320540;geneID=Smp_320540
SM_V9_1 Liftoff mRNA    87342520        87343368        .       +
        .
ID=Smp_320540.1;Parent=Smp_320540;geneID=Smp_320540;product=Myeloid-
derived growth factor;polypeptide_domain=InterPro:IPR018887
Pfam:PF10572
SM_V9_1 Liftoff exon    87342520        87342691        .       +
        .       Parent=Smp_320540.1
SM_V9_1 Liftoff exon    87342736        87342786        .       +
        .       Parent=Smp_320540.1
SM_V9_1 Liftoff exon    87342818        87342967        .       +
        .       Parent=Smp_320540.1
SM_V9_1 Liftoff exon    87343001        87343061        .       +
        .       Parent=Smp_320540.1
SM_V9_1 Liftoff exon    87343093        87343368        .       +
        .       Parent=Smp_320540.1
SM_V9_1 Liftoff CDS     87342569        87342691        .       +
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SM_V9_1 Liftoff CDS     87342736        87342786        .       +
        0       Parent=Smp_320540.1
SM_V9_1 Liftoff CDS     87342818        87342967        .       +
        0       Parent=Smp_320540.1
SM_V9_1 Liftoff CDS     87343001        87343061        .       +
        0       Parent=Smp_320540.1
SM_V9_1 Liftoff CDS     87343093        87343178        .       +
        2       Parent=Smp_320540.1
SM_V9_1 Liftoff gene    87357790        87358572        .       +
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ID=Smp_197170;geneID=Smp_197170;previous_systematic_id=Smp_136710
SM_V9_1 Liftoff mRNA    87357790        87358572        .       +
        .
ID=Smp_197170.1;Parent=Smp_197170;geneID=Smp_197170;product=Isoleuci
ne--tRNA ligase
SM_V9_1 Liftoff exon    87357790        87358572        .       +
        .       Parent=Smp_197170.1
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SM_V9_1 Liftoff CDS     87357790        87358572        .       +
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SM_V9_1 Liftoff gene    87366622        87381687        .       +
        .       ID=Smp_136700;geneID=Smp_136700
SM_V9_1 Liftoff mRNA    87366622        87381687        .       +
        .
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SM_V9_1 Liftoff exon    87366622        87381687        .       +
        .       Parent=Smp_136700.1
SM_V9_1 Liftoff CDS     87381370        87381486        .       +
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SM_V9_1 Liftoff gene    87453523        87478139        .       -
        .       ID=Smp_136690;geneID=Smp_136690
SM_V9_1 Liftoff mRNA    87453523        87478139        .       -
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terase;polypeptide_domain=InterPro:IPR000997,IPR002018,IPR019819,IPR
029058 Pfam:PF00135;Ontology_term=GO:0004104
SM_V9_1 Liftoff exon    87453523        87455050        .       -
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SM_V9_1 Liftoff exon    87459420        87459634        .       -
        .       Parent=Smp_136690.1
SM_V9_1 Liftoff exon    87463503        87464437        .       -
        .       Parent=Smp_136690.1
SM_V9_1 Liftoff exon    87477226        87478139        .       -
        .       Parent=Smp_136690.1
SM_V9_1 Liftoff CDS     87454974        87455050        .       -
        2       Parent=Smp_136690.1
SM_V9_1 Liftoff CDS     87459420        87459634        .       -
        1       Parent=Smp_136690.1
SM_V9_1 Liftoff CDS     87463503        87464437        .       -
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SM_V9_1 Liftoff CDS     87477226        87478083        .       -
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SM_V9_1 Liftoff gene    87500453        87502375        .       +
        .
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SM_V9_1 Liftoff mRNA    87500453        87502375        .       +
        .
ID=Smp_026830.1;Parent=Smp_026830;geneID=Smp_026830;product=SS18-
like protein 2;polypeptide_domain=InterPro:IPR007726
Pfam:PF05030;Ontology_term=GO:0003713
SM_V9_1 Liftoff exon    87500453        87501718        .       +
        .       Parent=Smp_026830.1
SM_V9_1 Liftoff exon    87501756        87502375        .       +
        .       Parent=Smp_026830.1
SM_V9_1 Liftoff CDS     87501650        87501718        .       +
        0       Parent=Smp_026830.1
SM_V9_1 Liftoff CDS     87501756        87501932        .       +
        0       Parent=Smp_026830.1
SM_V9_1 Liftoff gene    87508436        87527489        .       -
        .       ID=Smp_026820;geneID=Smp_026820
SM_V9_1 Liftoff mRNA    87508436        87527489        .       -
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ID=Smp_026820.1;Parent=Smp_026820;geneID=Smp_026820;product=Coiled-
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SM_V9_1 Liftoff exon    87508436        87508801        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87510744        87510878        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87512345        87512503        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87515387        87515548        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87517187        87517342        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87519780        87519964        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87525145        87525259        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87527004        87527184        .       -
        .       Parent=Smp_026820.1
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        .       Parent=Smp_026820.1
SM_V9_1 Liftoff exon    87527321        87527489        .       -
        .       Parent=Smp_026820.1
SM_V9_1 Liftoff CDS     87508574        87508801        .       -
        0       Parent=Smp_026820.1
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        0       Parent=Smp_026820.1
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SM_V9_1 Liftoff CDS     87517187        87517342        .       -
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SM_V9_1 Liftoff CDS     87519780        87519964        .       -
        2       Parent=Smp_026820.1
SM_V9_1 Liftoff CDS     87525145        87525259        .       -
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SM_V9_1 Liftoff CDS     87527004        87527184        .       -
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SM_V9_1 Liftoff CDS     87527220        87527283        .       -
        2       Parent=Smp_026820.1
SM_V9_1 Liftoff CDS     87527321        87527360        .       -
        0       Parent=Smp_026820.1
SM_V9_1 Liftoff gene    87536421        87545239        .       -
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ID=Smp_340540;geneID=Smp_340540;previous_systematic_id=Smp_026810
SM_V9_1 Liftoff mRNA    87536421        87545239        .       -
        .
ID=Smp_340540.1;Parent=Smp_340540;geneID=Smp_340540;product=Lysosome
membrane protein 2;polypeptide_domain=InterPro:IPR002159,IPR005429
Pfam:PF01130;Ontology_term=GO:0004872,GO:0005764,GO:0016020
SM_V9_1 Liftoff exon    87536421        87537011        .       -
        .       Parent=Smp_340540.1
SM_V9_1 Liftoff exon    87544190        87545239        .       -
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        0       Parent=Smp_340540.1
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        .
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        .
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rich PPR motif-containing protein, mitochondrial
SM_V9_1 Liftoff exon    87555018        87555219        .       -
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SM_V9_1 Liftoff exon    87556901        87557048        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87558031        87558143        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87558900        87559063        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87559903        87560032        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87563210        87563274        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87564088        87564137        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87565312        87565349        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87568204        87568277        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87571446        87571620        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87573572        87573645        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87574770        87574897        .       -
        .       Parent=Smp_343050.1
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        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87578519        87578609        .       -
        .       Parent=Smp_343050.1
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        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87584078        87584169        .       -
        .       Parent=Smp_343050.1
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        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87586550        87587108        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87588651        87588726        .       -
        .       Parent=Smp_343050.1
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SM_V9_1 Liftoff exon    87598013        87598155        .       -
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SM_V9_1 Liftoff exon    87599344        87599572        .       -
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SM_V9_1 Liftoff exon    87601834        87601918        .       -
        .       Parent=Smp_343050.1
SM_V9_1 Liftoff exon    87603336        87603515        .       -
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        .       Parent=Smp_343050.1
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SM_V9_1 Liftoff CDS     87558031        87558143        .       -
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SM_V9_1 Liftoff CDS     87558900        87559063        .       -
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SM_V9_1 Liftoff CDS     87559903        87560032        .       -
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SM_V9_1 Liftoff CDS     87563210        87563274        .       -
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SM_V9_1 Liftoff CDS     87564088        87564137        .       -
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SM_V9_1 Liftoff CDS     87565312        87565349        .       -
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SM_V9_1 Liftoff CDS     87568204        87568277        .       -
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SM_V9_1 Liftoff CDS     87573572        87573645        .       -
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SM_V9_1 Liftoff CDS     87574770        87574897        .       -
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SM_V9_1 Liftoff CDS     87578519        87578609        .       -
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SM_V9_1 Liftoff CDS     87581308        87581373        .       -
        0       Parent=Smp_343050.1
SM_V9_1 Liftoff CDS     87584078        87584169        .       -
        2       Parent=Smp_343050.1
SM_V9_1 Liftoff CDS     87585171        87585277        .       -
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SM_V9_1 Liftoff CDS     87598013        87598155        .       -
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SM_V9_1 Liftoff CDS     87599344        87599572        .       -
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SM_V9_1 Liftoff CDS     87601075        87601137        .       -
        2       Parent=Smp_343050.1
SM_V9_1 Liftoff CDS     87601834        87601918        .       -
        0       Parent=Smp_343050.1
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        0       Parent=Smp_343050.1
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        1       Parent=Smp_343050.1
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        0       Parent=Smp_343050.1
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        2       Parent=Smp_343050.1
SM_V9_1 Liftoff CDS     87613546        87613733        .       -
        1       Parent=Smp_343050.1
SM_V9_1 Liftoff CDS     87613767        87613849        .       -
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ID=Smp_026790.1;Parent=Smp_026790;geneID=Smp_026790;gene_name=Smp_02
6790;owner=irisadmin@local.host;orig_id=Smp_026790.1;date_last_modif
ied=2022-08-16;Name=Smp_026790.1;product=Protein
PRRC2C;date_creation=2022-08-16
SM_V9_1 iris    exon    87626255        87626437        .       -
        .       Parent=Smp_026790.1;Name=2020e557-
fb19-4e4d-8df4-46510d570e2b
SM_V9_1 iris    exon    87626512        87626545        .       -
        .       Parent=Smp_026790.1;Name=675a83a0-49bb-49a5-8483-
fcba06d4172f
SM_V9_1 iris    exon    87626591        87626727        .       -
        .       Parent=Smp_026790.1;Name=dcf4662e-f888-4030-ab64-
d2a859edd47b
SM_V9_1 iris    exon    87626757        87626884        .       -
        .       Parent=Smp_026790.1;Name=5b15dd5a-1002-4b4b-bbf1-
d2a50395e6a8
SM_V9_1 iris    exon    87626925        87627011        .       -
        .       Parent=Smp_026790.1;Name=ee186242-4c21-47f1-
bf03-3b98233d99b3
SM_V9_1 iris    exon    87627053        87627242        .       -
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        .       Parent=Smp_026790.1;Name=f7706922-fec3-456e-856c-
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SM_V9_1 iris    exon    87628177        87628251        .       -
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SM_V9_1 iris    CDS     87626719        87626727        .       -
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SM_V9_1 iris    CDS     87626925        87627011        .       -
        2       Parent=Smp_026790.1
SM_V9_1 iris    CDS     87627053        87627242        .       -
        0       Parent=Smp_026790.1
SM_V9_1 iris    CDS     87627295        87627347        .       -
        2       Parent=Smp_026790.1
SM_V9_1 iris    CDS     87628177        87628231        .       -
        0       Parent=Smp_026790.1
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containing protein At3g02650, mitochondrial;date_creation=2022-07-29
SM_V9_1 iris    exon    87640432        87640624        .       -
        .       Parent=Smp_154610.1;Name=28ad60ca-9972-4ba1-
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SM_V9_1 iris    exon    87642066        87642213        .       -
        .       Parent=Smp_154610.1;Name=1ae92a86-61a4-4447-
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        .       Parent=Smp_154610.1;Name=75257c94-916b-4503-
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SM_V9_1 iris    exon    87650951        87651080        .       -
        .
Parent=Smp_154610.1;Name=e4e9c741-02d0-4a4f-9de7-6db7f49247d9
SM_V9_1 iris    exon    87651771        87651841        .       -
        .       Parent=Smp_154610.1;Name=e432b948-72bf-48f9-
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        .       Parent=Smp_154610.1;Name=9b1b7f32-c0a9-40e0-aabd-
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        .       Parent=Smp_154610.1;Name=be1324f6-3f4a-4da1-8e69-
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SM_V9_1 iris    exon    87656285        87656331        .       -
        .       Parent=Smp_154610.1;Name=93c6e134-17a2-49d6-89ec-
d46648a69ce8
SM_V9_1 iris    exon    87658067        87658113        .       -
        .
Parent=Smp_154610.1;Name=e838eb4e-2639-4321-8880-214495c8b445
SM_V9_1 iris    exon    87658367        87658429        .       -
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a8fc-22e03394500b
SM_V9_1 iris    exon    87665734        87665961        .       -
        .
Parent=Smp_154610.1;Name=2efc983f-260d-46aa-8af0-453a20bdd12e
SM_V9_1 iris    exon    87668167        87668352        .       -
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SM_V9_1 iris    exon    87670318        87670436        .       -
        .
Parent=Smp_154610.1;Name=37b52d38-3810-4d43-9a11-1dd9e2bf2643
SM_V9_1 iris    exon    87673751        87673828        .       -
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SM_V9_1 iris    exon    87674711        87674795        .       -
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SM_V9_1 iris    exon    87683291        87683377        .       -
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        .       Parent=Smp_154610.1;Name=f41445a9-cd0b-43c5-
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SM_V9_1 iris    CDS     87640547        87640624        .       -
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SM_V9_1 iris    CDS     87642066        87642213        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87642867        87642979        .       -
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SM_V9_1 iris    CDS     87649022        87649185        .       -
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SM_V9_1 iris    CDS     87650951        87651080        .       -
        2       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87651771        87651841        .       -
        1       Parent=Smp_154610.1
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        0       Parent=Smp_154610.1
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        2       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87656285        87656331        .       -
        1       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87658067        87658113        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87658367        87658429        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87665734        87665961        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87668167        87668352        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87670318        87670436        .       -
        2       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87673751        87673828        .       -
        2       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87674711        87674795        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87676860        87677045        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87677988        87678258        .       -
        1       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87683291        87683377        .       -
        1       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87683409        87683467        .       -
        0       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87683500        87683615        .       -
        2       Parent=Smp_154610.1
SM_V9_1 iris    CDS     87683648        87683939        .       -
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SM_V9_1 iris    gene    87719803        87756497        .       -
        .
ID=Smp_154600;geneID=Smp_154600;gene_name=Smp_154600;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_1 iris    mRNA    87719803        87756497        .       -
        .
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4600;owner=irisadmin@local.host;orig_id=Smp_154600.1;date_last_modif
ied=2022-08-01;Name=Smp_154600.1;product=Acetylcholinesterase;date_c
reation=2022-07-29
SM_V9_1 iris    exon    87719803        87720241        .       -
        .       Parent=Smp_154600.1;Name=8ce78a97-7726-4456-
b6d8-745d9f502a71
SM_V9_1 iris    exon    87726462        87726730        .       -
        .       Parent=Smp_154600.1;Name=351b3033-8870-4d9e-9000-
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SM_V9_1 iris    exon    87728433        87728773        .       -
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e4c1-4546-917a-78e2645425fb
SM_V9_1 iris    exon    87732287        87732734        .       -
        .
Parent=Smp_154600.1;Name=1661a354-690c-445c-8d50-21a611e947fd
SM_V9_1 iris    exon    87743084        87743334        .       -
        .       Parent=Smp_154600.1;Name=d33dd90c-c577-440c-b923-
dd14e2d0cb79
SM_V9_1 iris    exon    87744247        87744396        .       -
        .       Parent=Smp_154600.1;Name=5b0fe31e-ffcb-4bac-8926-
beee3a4514bc
SM_V9_1 iris    exon    87746445        87746576        .       -
        .       Parent=Smp_154600.1;Name=90c68382-f1c0-4449-84a4-
e1009d92bfa1
SM_V9_1 iris    exon    87748761        87748897        .       -
        .       Parent=Smp_154600.1;Name=9facad74-4c72-426b-
ac8c-61d8e0ac968b
SM_V9_1 iris    exon    87755840        87756497        .       -
        .       Parent=Smp_154600.1;Name=9b4b1193-040d-44bc-8a81-
d19661f84293
SM_V9_1 iris    CDS     87720207        87720241        .       -
        2       Parent=Smp_154600.1
SM_V9_1 iris    CDS     87726462        87726730        .       -
        1       Parent=Smp_154600.1
SM_V9_1 iris    CDS     87728433        87728773        .       -
        0       Parent=Smp_154600.1
SM_V9_1 iris    CDS     87732287        87732734        .       -
        1       Parent=Smp_154600.1
SM_V9_1 iris    CDS     87743084        87743334        .       -
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SM_V9_1 iris    CDS     87744247        87744396        .       -
        0       Parent=Smp_154600.1
SM_V9_1 iris    CDS     87746445        87746576        .       -
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SM_V9_1 iris    CDS     87748761        87748897        .       -
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SM_V9_1 iris    CDS     87755840        87756140        .       -
        0       Parent=Smp_154600.1
SM_V9_1 Liftoff gene    87775660        87776571        .       -
        .
ID=Smp_345500;geneID=Smp_345500;previous_systematic_id=Smp_164550
SM_V9_1 Liftoff mRNA    87775660        87776571        .       -
        .
ID=Smp_345500.1;Parent=Smp_345500;geneID=Smp_345500;product=Protein
unc-45 homolog B
SM_V9_1 Liftoff exon    87775660        87776571        .       -
        .       Parent=Smp_345500.1
SM_V9_1 Liftoff CDS     87776103        87776522        .       -
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SM_V9_1 iris    gene    87809693        87822575        .       -
        .
ID=Smp_078690;geneID=Smp_078690;gene_name=Smp_078690;owner=irisadmin
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SM_V9_1 iris    mRNA    87809693        87822575        .       -
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        .
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ied=2022-08-16;Name=Smp_078690.1;product=calponin;date_creation=2022
-08-16
SM_V9_1 iris    exon    87809693        87811228        .       -
        .       Parent=Smp_078690.1;Name=f14ae894-4cb3-4ea5-
b1fb-132aaacb098c
SM_V9_1 iris    exon    87813544        87813681        .       -
        .       Parent=Smp_078690.1;Name=dba602b0-5934-4462-9205-
d1f00f54e42d
SM_V9_1 iris    exon    87816828        87816930        .       -
        .       Parent=Smp_078690.1;Name=bd594a79-e790-46d5-
a01a-4fe548525e08
SM_V9_1 iris    exon    87819765        87819895        .       -
        .       Parent=Smp_078690.1;Name=e619b707-c7fc-4822-8977-
c815448fc268
SM_V9_1 iris    exon    87822061        87822575        .       -
        .
Parent=Smp_078690.1;Name=b9e116dc-7497-4d60-8335-59ae6fcbd838
SM_V9_1 iris    CDS     87810566        87811228        .       -
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SM_V9_1 iris    CDS     87813544        87813681        .       -
        0       Parent=Smp_078690.1
SM_V9_1 iris    CDS     87816828        87816930        .       -
        1       Parent=Smp_078690.1
SM_V9_1 iris    CDS     87819765        87819895        .       -
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SM_V9_1 iris    CDS     87822061        87822111        .       -
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SM_V9_1 iris    gene    87836785        87859580        .       +
        .
ID=Smp_078700;geneID=Smp_078700;gene_name=Smp_078700;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_1 iris    mRNA    87836785        87859580        .       +
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ID=Smp_078700.1;Parent=Smp_078700;geneID=Smp_078700;gene_name=Smp_07
8700;owner=irisadmin@local.host;orig_id=Smp_078700.1;date_last_modif
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B;date_creation=2022-07-18
SM_V9_1 iris    exon    87836785        87836833        .       +
        .       Parent=Smp_078700.1;Name=68c1d177-3451-4666-9e38-
eaf87628fcd4
SM_V9_1 iris    exon    87836943        87837270        .       +
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dc354b5d22f8
SM_V9_1 iris    exon    87842779        87843087        .       +
        .       Parent=Smp_078700.1;Name=ae49d81d-ffbd-4ae5-
ac8f-50ecf72f2823
SM_V9_1 iris    exon    87846690        87846840        .       +
        .       Parent=Smp_078700.1;Name=37ebaa7e-a169-458d-b3d3-
be08851bafcf
SM_V9_1 iris    exon    87851546        87851598        .       +
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SM_V9_1 iris    exon    87858953        87859580        .       +
        .       Parent=Smp_078700.1;Name=41e15b87-7fb3-419e-
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SM_V9_1 iris    CDS     87837025        87837270        .       +
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SM_V9_1 iris    CDS     87842779        87843087        .       +
        0       Parent=Smp_078700.1
SM_V9_1 iris    CDS     87846690        87846840        .       +
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SM_V9_1 iris    CDS     87852279        87852354        .       +
        0       Parent=Smp_078700.1
SM_V9_1 iris    CDS     87853479        87853950        .       +
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SM_V9_1 iris    CDS     87855346        87855439        .       +
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SM_V9_1 iris    CDS     87857557        87857828        .       +
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SM_V9_1 iris    CDS     87858953        87859211        .       +
        1       Parent=Smp_078700.1
SM_V9_1 Liftoff gene    87861442        87898981        .       -
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SM_V9_1 Liftoff mRNA    87861442        87898981        .       -
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SM_V9_1 Liftoff exon    87861442        87861948        .       -
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SM_V9_1 Liftoff exon    87864140        87864286        .       -
        .       Parent=Smp_078710.1
SM_V9_1 Liftoff exon    87866304        87866462        .       -
        .       Parent=Smp_078710.1
SM_V9_1 Liftoff exon    87870325        87870472        .       -
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SM_V9_1 Liftoff exon    87872687        87872781        .       -
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SM_V9_1 Liftoff exon    87873849        87873962        .       -
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        .       Parent=Smp_078710.1
SM_V9_1 Liftoff exon    87898800        87898981        .       -
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SM_V9_1 Liftoff CDS     87864140        87864286        .       -
        0       Parent=Smp_078710.1
SM_V9_1 Liftoff CDS     87866304        87866462        .       -
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SM_V9_1 Liftoff CDS     87870325        87870472        .       -
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        0       Parent=Smp_078710.1
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SM_V9_1 Liftoff CDS     87890466        87890677        .       -
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SM_V9_1 Liftoff CDS     87892442        87892834        .       -
        2       Parent=Smp_078710.1
SM_V9_1 Liftoff CDS     87893189        87893316        .       -
        1       Parent=Smp_078710.1
SM_V9_1 Liftoff CDS     87898193        87898318        .       -
        1       Parent=Smp_078710.1
SM_V9_1 Liftoff CDS     87898351        87898423        .       -
        2       Parent=Smp_078710.1
SM_V9_1 Liftoff CDS     87898460        87898584        .       -
        1       Parent=Smp_078710.1
SM_V9_1 Liftoff CDS     87898619        87898756        .       -
        1       Parent=Smp_078710.1
SM_V9_1 Liftoff CDS     87898800        87898939        .       -
        0       Parent=Smp_078710.1
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        .
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SM_V9_1 iris    mRNA    87899109        87900288        .       +
        .
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8720;owner=irisadmin@local.host;orig_id=Smp_078720.1;date_last_modif
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SM_V9_1 iris    CDS     87899161        87899862        .       +
        0       Parent=Smp_078720.1
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6400;owner=irisadmin@local.host;orig_id=Smp_336400.1;date_last_modif
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2-08-03
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        .       Parent=Smp_336400.1;Name=2135a56c-8c77-4f5d-a5d8-
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        .       Parent=Smp_336400.1;Name=fed17f56-f8d4-4a99-96c1-
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SM_V9_1 iris    exon    87920211        87920246        .       -
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SM_V9_1 iris    exon    87922012        87922047        .       -
        .       Parent=Smp_336400.1;Name=7e824a63-e148-484c-88e6-
da9ee265b763
SM_V9_1 iris    exon    87924190        87924225        .       -
        .       Parent=Smp_336400.1;Name=d46feecc-6c49-4536-
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SM_V9_1 iris    exon    87924739        87924774        .       -
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        .       Parent=Smp_336400.1;Name=1205f1e1-a50f-4a82-9dac-
f6e5c7d30ac3
SM_V9_1 iris    exon    87925837        87925872        .       -
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a3d9-47a0446f8007
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        .       Parent=Smp_336400.1;Name=550df3f0-f690-44b2-8a10-
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        .       Parent=Smp_336400.1;Name=ff2864c6-2de2-4790-
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SM_V9_1 iris    exon    87930229        87930264        .       -
        .       Parent=Smp_336400.1;Name=b9865374-5668-4d21-8881-
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        .       Parent=Smp_336400.1;Name=b9c24676-8751-4225-
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SM_V9_1 iris    exon    87940111        87940146        .       -
        .       Parent=Smp_336400.1;Name=dc106946-c25d-4f9c-a223-
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SM_V9_1 iris    CDS     87913848        87913859        .       -
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SM_V9_1 iris    CDS     87915258        87915295        .       -
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SM_V9_1 iris    CDS     87916253        87916297        .       -
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SM_V9_1 iris    CDS     87920211        87920246        .       -
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SM_V9_1 iris    CDS     87922012        87922047        .       -
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SM_V9_1 iris    CDS     87924190        87924225        .       -
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SM_V9_1 iris    CDS     87924739        87924774        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87925288        87925323        .       -
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SM_V9_1 iris    CDS     87925837        87925872        .       -
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SM_V9_1 iris    CDS     87926935        87926970        .       -
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SM_V9_1 iris    CDS     87928582        87928617        .       -
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SM_V9_1 iris    CDS     87929680        87929715        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87930229        87930264        .       -
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SM_V9_1 iris    CDS     87930778        87930813        .       -
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SM_V9_1 iris    CDS     87931327        87931362        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87931876        87931911        .       -
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SM_V9_1 iris    CDS     87932425        87932460        .       -
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SM_V9_1 iris    CDS     87932974        87933009        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87933523        87933558        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87934072        87934107        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87934621        87934656        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87935170        87935205        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87935719        87935754        .       -
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SM_V9_1 iris    CDS     87936817        87936852        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87937366        87937401        .       -
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SM_V9_1 iris    CDS     87937915        87937950        .       -
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SM_V9_1 iris    CDS     87939013        87939048        .       -
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SM_V9_1 iris    CDS     87939562        87939597        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87940111        87940146        .       -
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SM_V9_1 iris    CDS     87940660        87940695        .       -
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SM_V9_1 iris    CDS     87941758        87941793        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87942307        87942342        .       -
        2       Parent=Smp_336400.1
SM_V9_1 iris    CDS     87944019        87944067        .       -
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SM_V9_1 Liftoff mRNA    87974668        87978201        .       -
       .
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tetraspanin 2, fragment;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_1 Liftoff exon    87974668        87975137        .       -
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       .       Parent=Smp_335630.1
SM_V9_1 Liftoff exon    87978092        87978201        .       -
       .       Parent=Smp_335630.1
SM_V9_1 Liftoff CDS     87974991        87975137        .       -
       0       Parent=Smp_335630.1
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SM_V9_2 iris    mRNA    55532   56001   .       -       .
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7340;owner=irisadmin@local.host;orig_id=Smp_327340.1;date_last_modif
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mitochondrial;date_creation=2022-07-31
SM_V9_2 iris    exon    55532   55709   .       -       .
Parent=Smp_327340.1;Name=747949b9-923a-4786-a4cc-82be69e6f9fc
SM_V9_2 iris    exon    55748   55823   .       -       .
Parent=Smp_327340.1;Name=f0a38396-f503-4465-a600-9858ffdf6385
SM_V9_2 iris    exon    55870   56001   .       -       .
Parent=Smp_327340.1;Name=f1cd538a-fc38-4d32-b054-e47cca7f748e
SM_V9_2 iris    CDS     55573   55709   .       -       2
Parent=Smp_327340.1
SM_V9_2 iris    CDS     55748   55808   .       -       0
Parent=Smp_327340.1
SM_V9_2 Liftoff gene    76733   114561  .       +       .
ID=Smp_184350;geneID=Smp_184350;previous_systematic_id=Smp_209080
SM_V9_2 Liftoff mRNA    76733   114558  .       +       .
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SM_V9_2 Liftoff exon    76733   98787   .       +       .
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SM_V9_2 Liftoff exon    111171  111258  .       +       .
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SM_V9_2 Liftoff CDS     111171  111258  .       +       0
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SM_V9_2 Liftoff CDS     111261  111298  .       +       2
Parent=Smp_184350.3
SM_V9_2 Liftoff CDS     112334  112413  .       +       0
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SM_V9_2 Liftoff exon    77190   77291   .       +       .
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SM_V9_2 Liftoff CDS     97634   97676   .       +       0
Parent=Smp_184350.1
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ID=Smp_349580;geneID=Smp_349580;gene_name=Smp_349580;owner=irisadmin
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ID=Smp_349580.1;Parent=Smp_349580;geneID=Smp_349580;gene_name=Smp_34
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SM_V9_2 iris    exon    232994  233021  .       +       .
Parent=Smp_349580.1;Name=Smp_349580.1-CDS
SM_V9_2 iris    exon    233105  233249  .       +       .
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Parent=Smp_349580.1;Name=2e2a3b2b-3034-4dc0-91fe-6f67e48f2ef9
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Parent=Smp_349580.1;Name=af6431a3-ccc8-465c-a8ce-4941f7611ff0
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Parent=Smp_349580.1;Name=a95c72e1-1a57-4b70-8325-dec022175455
SM_V9_2 iris    exon    236703  236769  .       +       .
Parent=Smp_349580.1;Name=b57578bb-6147-449a-b8bb-7b7f3098e447
SM_V9_2 iris    exon    238550  238627  .       +       .
Parent=Smp_349580.1;Name=e7fa90fc-22ff-4c39-a71d-dc2422a95abc
SM_V9_2 iris    exon    239348  239496  .       +       .
Parent=Smp_349580.1;Name=7b3c4948-d762-45d3-9940-6a02df78cffb
SM_V9_2 iris    exon    240284  240412  .       +       .
Parent=Smp_349580.1;Name=23a7414b-00b0-4e27-9be3-a94ed7572f2f
SM_V9_2 iris    exon    240463  240808  .       +       .
Parent=Smp_349580.1;Name=078e5a3d-c2ad-449f-927c-6332e07c9b44
SM_V9_2 iris    CDS     233017  233021  .       +       0
Parent=Smp_349580.1
SM_V9_2 iris    CDS     233105  233249  .       +       1
Parent=Smp_349580.1
SM_V9_2 iris    CDS     233287  233379  .       +       0
Parent=Smp_349580.1
SM_V9_2 iris    CDS     233437  233506  .       +       0
Parent=Smp_349580.1
SM_V9_2 iris    CDS     233773  233871  .       +       2
Parent=Smp_349580.1
SM_V9_2 iris    CDS     234924  234974  .       +       2
Parent=Smp_349580.1
SM_V9_2 iris    CDS     235945  236009  .       +       2
Parent=Smp_349580.1
SM_V9_2 iris    CDS     236703  236769  .       +       0
Parent=Smp_349580.1
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SM_V9_2 iris    CDS     238550  238627  .       +       2
Parent=Smp_349580.1
SM_V9_2 iris    CDS     239348  239496  .       +       2
Parent=Smp_349580.1
SM_V9_2 iris    CDS     240284  240412  .       +       0
Parent=Smp_349580.1
SM_V9_2 iris    CDS     240463  240609  .       +       0
Parent=Smp_349580.1
SM_V9_2 iris    gene    274249  308469  .       -       .
ID=Smp_346030;geneID=Smp_346030;gene_name=Smp_346030;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    274249  308469  .       -       .
ID=Smp_346030.1;Parent=Smp_346030;geneID=Smp_346030;gene_name=Smp_34
6030;owner=irisadmin@local.host;orig_id=Smp_346030.1;date_last_modif
ied=2022-07-31;Name=Smp_346030.1;product=Centromere protein
F;date_creation=2022-07-31
SM_V9_2 iris    exon    274249  274704  .       -       .
Parent=Smp_346030.1;Name=616f0475-0ab6-47c9-806a-22d937deaeba
SM_V9_2 iris    exon    280321  280560  .       -       .
Parent=Smp_346030.1;Name=9cc431f1-1a1a-4338-8d29-fd2be5b1c408
SM_V9_2 iris    exon    289759  290212  .       -       .
Parent=Smp_346030.1;Name=580b710d-0826-4a70-b453-890fb002836f
SM_V9_2 iris    exon    296483  296775  .       -       .
Parent=Smp_346030.1;Name=ce611c91-03c7-4400-a6f4-3cc9d256e00a
SM_V9_2 iris    exon    308340  308469  .       -       .
Parent=Smp_346030.1;Name=7a43fa1f-bcd0-43a8-9f65-792b0478d979
SM_V9_2 iris    CDS     274532  274704  .       -       2
Parent=Smp_346030.1
SM_V9_2 iris    CDS     280321  280560  .       -       2
Parent=Smp_346030.1
SM_V9_2 iris    CDS     289759  290212  .       -       0
Parent=Smp_346030.1
SM_V9_2 iris    CDS     296483  296775  .       -       2
Parent=Smp_346030.1
SM_V9_2 iris    CDS     308340  308397  .       -       0
Parent=Smp_346030.1
SM_V9_2 iris    mRNA    300596  308449  .       -       .
ID=Smp_346030.2;Parent=Smp_346030;geneID=Smp_346030;gene_name=Smp_34
6030;owner=irisadmin@local.host;orig_id=Smp_346030.2;date_last_modif
ied=2022-07-31;Name=Smp_346030.2;product=Lysosome-associated
membrane glycoprotein 1;date_creation=2022-07-31
SM_V9_2 iris    exon    300596  301404  .       -       .
Parent=Smp_346030.2;Name=a60d2d5e-1723-4a8d-a2c4-8910d1fe073f
SM_V9_2 iris    exon    301454  301609  .       -       .
Parent=Smp_346030.2;Name=ab6bce95-f3df-4ef6-96c9-a50975172455
SM_V9_2 iris    exon    301679  301958  .       -       .
Parent=Smp_346030.2;Name=aeee693f-7985-4932-8268-074e576471d1
SM_V9_2 iris    exon    302014  302126  .       -       .
Parent=Smp_346030.2;Name=f735eaf1-dc57-4249-bcf1-bc490363182b
SM_V9_2 iris    exon    308340  308449  .       -       .
Parent=Smp_346030.2;Name=d5d9cc02-d567-49fe-8cca-edbafe738782
SM_V9_2 iris    CDS     301256  301404  .       -       2
Parent=Smp_346030.2
SM_V9_2 iris    CDS     301454  301609  .       -       2
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Parent=Smp_346030.2
SM_V9_2 iris    CDS     301679  301958  .       -       0
Parent=Smp_346030.2
SM_V9_2 iris    CDS     302014  302126  .       -       2
Parent=Smp_346030.2
SM_V9_2 iris    CDS     308340  308397  .       -       0
Parent=Smp_346030.2
SM_V9_2 Liftoff gene    315850  325108  .       +       .
ID=Smp_171530;geneID=Smp_171530
SM_V9_2 Liftoff mRNA    315850  325108  .       +       .
ID=Smp_171530.1;Parent=Smp_171530;geneID=Smp_171530;product=Alpha-
parvin;polypeptide_domain=InterPro:IPR001715,IPR028433
Pfam:PF00307;Ontology_term=GO:0003779,GO:0005515,GO:0007155,GO:00315
32
SM_V9_2 Liftoff exon    315850  316292  .       +       .
Parent=Smp_171530.1
SM_V9_2 Liftoff exon    316336  316542  .       +       .
Parent=Smp_171530.1
SM_V9_2 Liftoff exon    316577  316835  .       +       .
Parent=Smp_171530.1
SM_V9_2 Liftoff exon    319013  319128  .       +       .
Parent=Smp_171530.1
SM_V9_2 Liftoff exon    324305  325108  .       +       .
Parent=Smp_171530.1
SM_V9_2 Liftoff CDS     316077  316292  .       +       0
Parent=Smp_171530.1
SM_V9_2 Liftoff CDS     316336  316542  .       +       0
Parent=Smp_171530.1
SM_V9_2 Liftoff CDS     316577  316835  .       +       0
Parent=Smp_171530.1
SM_V9_2 Liftoff CDS     319013  319128  .       +       2
Parent=Smp_171530.1
SM_V9_2 Liftoff CDS     324305  324658  .       +       0
Parent=Smp_171530.1
SM_V9_2 Liftoff mRNA    315850  325108  .       +       .
ID=Smp_171530.2;Parent=Smp_171530;geneID=Smp_171530;product=Beta-
parvin;polypeptide_domain=InterPro:IPR001715
Pfam:PF00307;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    315850  316292  .       +       .
Parent=Smp_171530.2
SM_V9_2 Liftoff exon    316336  316542  .       +       .
Parent=Smp_171530.2
SM_V9_2 Liftoff exon    316577  316835  .       +       .
Parent=Smp_171530.2
SM_V9_2 Liftoff exon    319013  319128  .       +       .
Parent=Smp_171530.2
SM_V9_2 Liftoff exon    319217  325108  .       +       .
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SM_V9_2 Liftoff CDS     316077  316292  .       +       0
Parent=Smp_171530.2
SM_V9_2 Liftoff CDS     316336  316542  .       +       0
Parent=Smp_171530.2
SM_V9_2 Liftoff CDS     316577  316835  .       +       0
Parent=Smp_171530.2
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SM_V9_2 Liftoff CDS     319013  319128  .       +       2
Parent=Smp_171530.2
SM_V9_2 Liftoff CDS     319217  319411  .       +       0
Parent=Smp_171530.2
SM_V9_2 Liftoff gene    334124  347609  .       -       .
ID=Smp_341520;geneID=Smp_341520;previous_systematic_id=Smp_090340
SM_V9_2 Liftoff mRNA    334124  347609  .       -       .
ID=Smp_341520.1;Parent=Smp_341520;geneID=Smp_341520;product=Vacuolar
membrane-associated protein
IML1;polypeptide_domain=InterPro:IPR029316 Pfam:PF15289
SM_V9_2 Liftoff exon    334124  334477  .       -       .
Parent=Smp_341520.1
SM_V9_2 Liftoff exon    336408  336875  .       -       .
Parent=Smp_341520.1
SM_V9_2 Liftoff exon    341373  347609  .       -       .
Parent=Smp_341520.1
SM_V9_2 Liftoff CDS     334253  334477  .       -       0
Parent=Smp_341520.1
SM_V9_2 Liftoff CDS     336408  336875  .       -       0
Parent=Smp_341520.1
SM_V9_2 Liftoff CDS     341373  341591  .       -       0
Parent=Smp_341520.1
SM_V9_2 iris    gene    364863  382477  .       +       .
ID=Smp_171540;geneID=Smp_171540;gene_name=Smp_171540;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    364863  382477  .       +       .
ID=Smp_171540.1;Parent=Smp_171540;geneID=Smp_171540;gene_name=Smp_17
1540;owner=irisadmin@local.host;orig_id=Smp_171540.2;date_last_modif
ied=2022-07-31;Name=Smp_171540.1;product=Myosin-3;date_creation=2022
-07-31
SM_V9_2 iris    exon    364863  364974  .       +       .
Parent=Smp_171540.1;Name=58bdc702-4955-405b-ade0-9e51acd20639
SM_V9_2 iris    exon    370613  370663  .       +       .
Parent=Smp_171540.1;Name=bcd8fe7a-a99d-41cc-81c7-d0d39463c596
SM_V9_2 iris    exon    370877  371159  .       +       .
Parent=Smp_171540.1;Name=fc9623f6-b2b8-46cc-bf22-27cefaa68ea8
SM_V9_2 iris    exon    371196  371410  .       +       .
Parent=Smp_171540.1;Name=7450bcd3-06fc-48ee-a73f-05ee3fe569d0
SM_V9_2 iris    exon    371444  371606  .       +       .
Parent=Smp_171540.1;Name=eca4625b-8426-417e-af27-5dcbda599c6a
SM_V9_2 iris    exon    372094  372201  .       +       .
Parent=Smp_171540.1;Name=5f86af42-c395-4f01-90e0-281d6c5e9ea1
SM_V9_2 iris    exon    374388  374582  .       +       .
Parent=Smp_171540.1;Name=0ec91049-7449-498f-9a75-3a2839e232b0
SM_V9_2 iris    exon    374732  375031  .       +       .
Parent=Smp_171540.1;Name=2e518347-f48e-40e2-8038-f934d201cf66
SM_V9_2 iris    exon    375522  375683  .       +       .
Parent=Smp_171540.1;Name=556f481d-30cd-4c61-a9c9-34c0856e2fa7
SM_V9_2 iris    exon    376653  376938  .       +       .
Parent=Smp_171540.1;Name=66732604-b939-4c95-9bd1-74672f7e6fa4
SM_V9_2 iris    exon    377990  378099  .       +       .
Parent=Smp_171540.1;Name=3dc4becc-3287-421f-bacb-493d9428090c
SM_V9_2 iris    exon    378831  378926  .       +       .
Parent=Smp_171540.1;Name=4869c190-bd04-4fcf-91ad-39626d7fa30d
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SM_V9_2 iris    exon    379576  379671  .       +       .
Parent=Smp_171540.1;Name=c72217ab-65f7-4cd0-834c-80381a2400cf
SM_V9_2 iris    exon    380532  380729  .       +       .
Parent=Smp_171540.1;Name=20a371ea-ae60-44da-8b30-0f6b4faae25e
SM_V9_2 iris    exon    381962  382477  .       +       .
Parent=Smp_171540.1;Name=f5c8ccac-b948-44db-b6b7-42300ca06889
SM_V9_2 iris    CDS     370614  370663  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     370877  371159  .       +       1
Parent=Smp_171540.1
SM_V9_2 iris    CDS     371196  371410  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     371444  371606  .       +       1
Parent=Smp_171540.1
SM_V9_2 iris    CDS     372094  372201  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     374388  374582  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     374732  375031  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     375522  375683  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     376653  376938  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     377990  378099  .       +       2
Parent=Smp_171540.1
SM_V9_2 iris    CDS     378831  378926  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     379576  379671  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     380532  380729  .       +       0
Parent=Smp_171540.1
SM_V9_2 iris    CDS     381962  381988  .       +       0
Parent=Smp_171540.1
SM_V9_2 Liftoff gene    386410  391537  .       +       .
ID=Smp_171550;geneID=Smp_171550
SM_V9_2 Liftoff mRNA    386410  391537  .       +       .
ID=Smp_171550.1;Parent=Smp_171550;geneID=Smp_171550;product=NADH
dehydrogenase [ubiquinone] 1 alpha subcomplex subunit
12;polypeptide_domain=InterPro:IPR007763
Pfam:PF05071;Ontology_term=GO:0008137,GO:0009055,GO:0016020
SM_V9_2 Liftoff exon    386410  388216  .       +       .
Parent=Smp_171550.1
SM_V9_2 Liftoff exon    390055  390185  .       +       .
Parent=Smp_171550.1
SM_V9_2 Liftoff exon    391205  391537  .       +       .
Parent=Smp_171550.1
SM_V9_2 Liftoff CDS     387982  388216  .       +       0
Parent=Smp_171550.1
SM_V9_2 Liftoff CDS     390055  390185  .       +       2
Parent=Smp_171550.1
SM_V9_2 Liftoff CDS     391205  391348  .       +       0
Parent=Smp_171550.1
SM_V9_2 Liftoff gene    393890  409289  .       -       .
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ID=Smp_341530;geneID=Smp_341530;previous_systematic_id=Smp_090370
SM_V9_2 Liftoff mRNA    393890  409289  .       -       .
ID=Smp_341530.1;Parent=Smp_341530;geneID=Smp_341530;product=Nuclear
pore complex protein
Nup50;polypeptide_domain=InterPro:IPR000156,IPR011993,IPR015007
Pfam:PF00638,PF08911;Ontology_term=GO:0005643,GO:0046907
SM_V9_2 Liftoff exon    393890  394327  .       -       .
Parent=Smp_341530.1
SM_V9_2 Liftoff exon    395003  395121  .       -       .
Parent=Smp_341530.1
SM_V9_2 Liftoff exon    408350  408419  .       -       .
Parent=Smp_341530.1
SM_V9_2 Liftoff exon    408455  409073  .       -       .
Parent=Smp_341530.1
SM_V9_2 Liftoff exon    409112  409289  .       -       .
Parent=Smp_341530.1
SM_V9_2 Liftoff CDS     394083  394327  .       -       2
Parent=Smp_341530.1
SM_V9_2 Liftoff CDS     395003  395121  .       -       1
Parent=Smp_341530.1
SM_V9_2 Liftoff CDS     408350  408419  .       -       2
Parent=Smp_341530.1
SM_V9_2 Liftoff CDS     408455  409073  .       -       0
Parent=Smp_341530.1
SM_V9_2 Liftoff CDS     409112  409258  .       -       0
Parent=Smp_341530.1
SM_V9_2 Liftoff gene    428613  429627  .       +       .
ID=Smp_346040;geneID=Smp_346040;previous_systematic_id=Smp_171570
SM_V9_2 Liftoff mRNA    428613  429627  .       +       .
ID=Smp_346040.1;Parent=Smp_346040;geneID=Smp_346040;product=60S
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L19;polypeptide_domain=InterPro:IPR000196,IPR015972,IPR015973,IPR015
974,IPR023638,IPR033935
Pfam:PF01280;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12,GO:0022625
SM_V9_2 Liftoff exon    428613  428670  .       +       .
Parent=Smp_346040.1
SM_V9_2 Liftoff exon    428709  429059  .       +       .
Parent=Smp_346040.1
SM_V9_2 Liftoff exon    429092  429627  .       +       .
Parent=Smp_346040.1
SM_V9_2 Liftoff CDS     428666  428670  .       +       0
Parent=Smp_346040.1
SM_V9_2 Liftoff CDS     428709  429059  .       +       1
Parent=Smp_346040.1
SM_V9_2 Liftoff CDS     429092  429602  .       +       1
Parent=Smp_346040.1
SM_V9_2 Liftoff mRNA    428613  429627  .       +       .
ID=Smp_346040.2;Parent=Smp_346040;geneID=Smp_346040;product=60S
ribosomal protein
L19;polypeptide_domain=InterPro:IPR000196,IPR015972,IPR015973,IPR015
974,IPR023638,IPR033935
Pfam:PF01280;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12,GO:0022625
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SM_V9_2 Liftoff exon    428613  428670  .       +       .
Parent=Smp_346040.2
SM_V9_2 Liftoff exon    428706  429059  .       +       .
Parent=Smp_346040.2
SM_V9_2 Liftoff exon    429092  429627  .       +       .
Parent=Smp_346040.2
SM_V9_2 Liftoff CDS     428666  428670  .       +       0
Parent=Smp_346040.2
SM_V9_2 Liftoff CDS     428706  429059  .       +       1
Parent=Smp_346040.2
SM_V9_2 Liftoff CDS     429092  429602  .       +       1
Parent=Smp_346040.2
SM_V9_2 Liftoff gene    440963  448263  .       +       .
ID=Smp_327360;geneID=Smp_327360
SM_V9_2 Liftoff mRNA    440963  448263  .       +       .
ID=Smp_327360.1;Parent=Smp_327360;geneID=Smp_327360;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    440963  441570  .       +       .
Parent=Smp_327360.1
SM_V9_2 Liftoff exon    444110  444236  .       +       .
Parent=Smp_327360.1
SM_V9_2 Liftoff exon    446635  448263  .       +       .
Parent=Smp_327360.1
SM_V9_2 Liftoff CDS     441362  441570  .       +       0
Parent=Smp_327360.1
SM_V9_2 Liftoff CDS     444110  444236  .       +       1
Parent=Smp_327360.1
SM_V9_2 Liftoff CDS     446635  448131  .       +       0
Parent=Smp_327360.1
SM_V9_2 iris    gene    458333  487503  .       +       .
ID=Smp_171580;geneID=Smp_171580;gene_name=Smp_171580;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    458333  487503  .       +       .
ID=Smp_171580.1;Parent=Smp_171580;geneID=Smp_171580;gene_name=Smp_17
1580;owner=irisadmin@local.host;orig_id=Smp_171580.1;date_last_modif
ied=2022-07-10;Name=Smp_171580.1;product=Aromatic-L-amino-acid
decarboxylase;date_creation=2022-07-10
SM_V9_2 iris    exon    458333  458450  .       +       .
Parent=Smp_171580.1;Name=d22e8c65-5162-4bbc-8c52-491be7a6d815
SM_V9_2 iris    exon    464924  465132  .       +       .
Parent=Smp_171580.1;Name=3561ab4f-584b-4b96-8539-5e3965395601
SM_V9_2 iris    exon    468446  468559  .       +       .
Parent=Smp_171580.1;Name=1e4ded9c-f17a-4280-83ee-3b40b7029943
SM_V9_2 iris    exon    469587  469700  .       +       .
Parent=Smp_171580.1;Name=d977df80-9f4e-4edc-b10f-12e7ce582f89
SM_V9_2 iris    exon    472964  473098  .       +       .
Parent=Smp_171580.1;Name=5f51a215-ff64-4197-a045-ca06acff49dc
SM_V9_2 iris    exon    473640  473783  .       +       .
Parent=Smp_171580.1;Name=9e4b663e-da60-41a5-a9fa-641c2e294050
SM_V9_2 iris    exon    480520  480681  .       +       .
Parent=Smp_171580.1;Name=701a529b-5264-4d80-a0ed-7537b3d885e5
SM_V9_2 iris    exon    482043  482110  .       +       .
Parent=Smp_171580.1;Name=b0cecba1-157a-4b0f-a8e2-fc105e31a138
SM_V9_2 iris    exon    483477  483567  .       +       .
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Parent=Smp_171580.1;Name=9512ed97-dc9b-4234-b277-fcb52703e96a
SM_V9_2 iris    exon    484794  484892  .       +       .
Parent=Smp_171580.1;Name=1a9f07d5-1221-49a6-8aa4-53a0caf88dcc
SM_V9_2 iris    exon    484938  485039  .       +       .
Parent=Smp_171580.1;Name=54c2d86f-7598-4701-836f-83ac8bd5a45f
SM_V9_2 iris    exon    486584  487503  .       +       .
Parent=Smp_171580.1;Name=79b3c937-f576-40fd-8934-96ec743e4856
SM_V9_2 iris    CDS     458375  458450  .       +       0
Parent=Smp_171580.1
SM_V9_2 iris    CDS     464924  465132  .       +       2
Parent=Smp_171580.1
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SM_V9_2 iris    CDS     469587  469700  .       +       0
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SM_V9_2 iris    CDS     472964  473098  .       +       0
Parent=Smp_171580.1
SM_V9_2 iris    CDS     473640  473783  .       +       0
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SM_V9_2 iris    CDS     480520  480681  .       +       0
Parent=Smp_171580.1
SM_V9_2 iris    CDS     482043  482110  .       +       0
Parent=Smp_171580.1
SM_V9_2 iris    CDS     483477  483567  .       +       1
Parent=Smp_171580.1
SM_V9_2 iris    CDS     484794  484892  .       +       0
Parent=Smp_171580.1
SM_V9_2 iris    CDS     484938  485039  .       +       0
Parent=Smp_171580.1
SM_V9_2 iris    CDS     486584  486859  .       +       0
Parent=Smp_171580.1
SM_V9_2 Liftoff gene    490552  511419  .       -       .
ID=Smp_333750;geneID=Smp_333750;previous_systematic_id=Smp_090420,Sm
p_090430
SM_V9_2 Liftoff mRNA    490552  511419  .       -       .
ID=Smp_333750.1;Parent=Smp_333750;geneID=Smp_333750;product=Potassiu
m voltage-gated channel subfamily A member
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1,IPR011333
Pfam:PF00520,PF02214;Ontology_term=GO:0005216,GO:0005249,GO:0005515,
GO:0006811,GO:0006813,GO:0008076,GO:0016020,GO:0051260,GO:0055085
SM_V9_2 Liftoff exon    490552  493147  .       -       .
Parent=Smp_333750.1
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Parent=Smp_333750.1
SM_V9_2 Liftoff CDS     491716  493147  .       -       1
Parent=Smp_333750.1
SM_V9_2 Liftoff CDS     510154  511112  .       -       0
Parent=Smp_333750.1
SM_V9_2 iris    gene    521853  531370  .       +       .
ID=Smp_090440;geneID=Smp_090440;gene_name=Smp_090440;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    521853  531370  .       +       .
ID=Smp_090440.1;Parent=Smp_090440;geneID=Smp_090440;gene_name=Smp_09
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0440;owner=irisadmin@local.host;orig_id=Smp_090440.1;date_last_modif
ied=2022-07-22;Name=Smp_090440.1;product=Probable ATP-dependent RNA
helicase DDX47;date_creation=2022-07-22
SM_V9_2 iris    exon    521853  521895  .       +       .
Parent=Smp_090440.1;Name=845d8ae3-e51f-42d3-b55f-2deaf6f96ae9
SM_V9_2 iris    exon    524651  524716  .       +       .
Parent=Smp_090440.1;Name=a14f4aa6-4ac6-4ab5-a8a8-d93bfdb791e3
SM_V9_2 iris    exon    524755  525303  .       +       .
Parent=Smp_090440.1;Name=c6812008-4fdc-4021-baa8-cf856218b7c0
SM_V9_2 iris    exon    525340  525492  .       +       .
Parent=Smp_090440.1;Name=6e21051e-105a-4eec-b713-57c3645dae9b
SM_V9_2 iris    exon    527374  527582  .       +       .
Parent=Smp_090440.1;Name=1907ae5f-26e7-43aa-9ecd-6ceb0f52dd78
SM_V9_2 iris    exon    529983  530268  .       +       .
Parent=Smp_090440.1;Name=5296f172-8180-422f-bf1c-573789ee292a
SM_V9_2 iris    exon    531065  531370  .       +       .
Parent=Smp_090440.1;Name=91351031-2fdd-4b22-8c25-15551e0424d2
SM_V9_2 iris    CDS     524690  524716  .       +       0
Parent=Smp_090440.1
SM_V9_2 iris    CDS     524755  525303  .       +       0
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SM_V9_2 iris    CDS     525340  525492  .       +       0
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SM_V9_2 iris    CDS     529983  530268  .       +       1
Parent=Smp_090440.1
SM_V9_2 iris    CDS     531065  531205  .       +       0
Parent=Smp_090440.1
SM_V9_2 iris    gene    532981  561889  .       -       .
ID=Smp_090450;geneID=Smp_090450;gene_name=Smp_090450;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    532981  561889  .       -       .
ID=Smp_090450.1;Parent=Smp_090450;geneID=Smp_090450;gene_name=Smp_09
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ied=2022-07-10;Name=Smp_090450.1;product=Host cell factor
1;date_creation=2022-07-10
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Parent=Smp_090450.1;Name=0b99b7ec-ac7c-43c8-8f1a-d3dfc5e52047
SM_V9_2 iris    exon    536005  536315  .       -       .
Parent=Smp_090450.1;Name=214da924-e6fa-40d4-8c0f-21cec33df89d
SM_V9_2 iris    exon    537974  538306  .       -       .
Parent=Smp_090450.1;Name=daa35921-e3e3-4fb5-990e-edb7f7a70a1f
SM_V9_2 iris    exon    539432  539793  .       -       .
Parent=Smp_090450.1;Name=ef88091b-d8e8-447c-8d91-ebaa79210e2f
SM_V9_2 iris    exon    542962  543054  .       -       .
Parent=Smp_090450.1;Name=337c0914-b1be-43fe-bfac-5515721712b0
SM_V9_2 iris    exon    545259  545514  .       -       .
Parent=Smp_090450.1;Name=9e8838c3-c098-4a1a-a91f-2684692dcbe8
SM_V9_2 iris    exon    547324  547691  .       -       .
Parent=Smp_090450.1;Name=17b75cd7-d177-4cad-b1db-71e590e098c1
SM_V9_2 iris    exon    548798  548968  .       -       .
Parent=Smp_090450.1;Name=967db8a6-e4e8-4d43-99fc-5529f77fc86f
SM_V9_2 iris    exon    549349  549562  .       -       .
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Parent=Smp_090450.1;Name=f859d85e-dbc9-40cb-911f-5e82662a96bf
SM_V9_2 iris    exon    554331  554627  .       -       .
Parent=Smp_090450.1;Name=d76ca205-a63b-48bd-b997-7c5175ae3918
SM_V9_2 iris    exon    554751  555032  .       -       .
Parent=Smp_090450.1;Name=40d6674a-48e2-4e50-b2d0-54a95469fbf0
SM_V9_2 iris    exon    555115  555370  .       -       .
Parent=Smp_090450.1;Name=12add963-3478-4477-a65d-6eee8be84fb4
SM_V9_2 iris    exon    557815  558114  .       -       .
Parent=Smp_090450.1;Name=b5b37c09-159c-44a4-8fa7-d575d4065a4b
SM_V9_2 iris    exon    561324  561411  .       -       .
Parent=Smp_090450.1;Name=c56fb8af-1216-46f0-bed4-7f90f35ef118
SM_V9_2 iris    exon    561446  561667  .       -       .
Parent=Smp_090450.1;Name=5fae3c23-0ecf-49fb-838a-21fa15273f77
SM_V9_2 iris    exon    561700  561889  .       -       .
Parent=Smp_090450.1;Name=a533571b-a97c-43ad-8e62-1e3cb61251b7
SM_V9_2 iris    CDS     533857  533905  .       -       1
Parent=Smp_090450.1
SM_V9_2 iris    CDS     536005  536315  .       -       0
Parent=Smp_090450.1
SM_V9_2 iris    CDS     537974  538306  .       -       0
Parent=Smp_090450.1
SM_V9_2 iris    CDS     539432  539793  .       -       2
Parent=Smp_090450.1
SM_V9_2 iris    CDS     542962  543054  .       -       2
Parent=Smp_090450.1
SM_V9_2 iris    CDS     545259  545514  .       -       0
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SM_V9_2 iris    CDS     547324  547691  .       -       2
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SM_V9_2 iris    CDS     548798  548968  .       -       2
Parent=Smp_090450.1
SM_V9_2 iris    CDS     549349  549562  .       -       0
Parent=Smp_090450.1
SM_V9_2 iris    CDS     554331  554627  .       -       0
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SM_V9_2 iris    CDS     554751  555032  .       -       0
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SM_V9_2 iris    CDS     555115  555370  .       -       1
Parent=Smp_090450.1
SM_V9_2 iris    CDS     557815  558114  .       -       1
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SM_V9_2 iris    CDS     561324  561411  .       -       2
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SM_V9_2 iris    CDS     561700  561865  .       -       0
Parent=Smp_090450.1
SM_V9_2 Liftoff gene    576053  577910  .       +       .
ID=Smp_122840;geneID=Smp_122840
SM_V9_2 Liftoff mRNA    576053  577910  .       +       .
ID=Smp_122840.1;Parent=Smp_122840;geneID=Smp_122840;product=Eukaryot
ic translation initiation factor 5;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR002735,IPR003307,IPR016024,
IPR016189,IPR016190
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Pfam:PF01873,PF02020;Ontology_term=GO:0003743,GO:0005488,GO:0005515,
GO:0006413
SM_V9_2 Liftoff exon    576053  576339  .       +       .
Parent=Smp_122840.1
SM_V9_2 Liftoff exon    576374  576455  .       +       .
Parent=Smp_122840.1
SM_V9_2 Liftoff exon    576488  576660  .       +       .
Parent=Smp_122840.1
SM_V9_2 Liftoff exon    576697  576874  .       +       .
Parent=Smp_122840.1
SM_V9_2 Liftoff exon    576905  577476  .       +       .
Parent=Smp_122840.1
SM_V9_2 Liftoff exon    577511  577648  .       +       .
Parent=Smp_122840.1
SM_V9_2 Liftoff exon    577684  577910  .       +       .
Parent=Smp_122840.1
SM_V9_2 Liftoff CDS     576268  576339  .       +       0
Parent=Smp_122840.1
SM_V9_2 Liftoff CDS     576374  576455  .       +       0
Parent=Smp_122840.1
SM_V9_2 Liftoff CDS     576488  576660  .       +       2
Parent=Smp_122840.1
SM_V9_2 Liftoff CDS     576697  576874  .       +       0
Parent=Smp_122840.1
SM_V9_2 Liftoff CDS     576905  577476  .       +       2
Parent=Smp_122840.1
SM_V9_2 Liftoff CDS     577511  577648  .       +       0
Parent=Smp_122840.1
SM_V9_2 Liftoff CDS     577684  577779  .       +       0
Parent=Smp_122840.1
SM_V9_2 iris    gene    611220  614319  .       -       .
ID=Smp_310080;geneID=Smp_310080;gene_name=Smp_310080;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    611220  614319  .       -       .
ID=Smp_310080.1;Parent=Smp_310080;geneID=Smp_310080;gene_name=Smp_31
0080;owner=irisadmin@local.host;orig_id=Smp_310080.1;date_last_modif
ied=2022-07-10;Name=Smp_310080.1;product=Ataxin-2-like
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    611220  613383  .       -       .
Parent=Smp_310080.1;Name=5aabb02c-a33e-4cbe-a4d6-bcb311554db4
SM_V9_2 iris    exon    613418  613628  .       -       .
Parent=Smp_310080.1;Name=ea549efb-e1af-4487-ba5b-6b1b54503788
SM_V9_2 iris    exon    613662  613803  .       -       .
Parent=Smp_310080.1;Name=4034b0fa-a4d3-4df6-812b-edfb37f0d346
SM_V9_2 iris    exon    613832  613903  .       -       .
Parent=Smp_310080.1;Name=0a7dfeb8-909a-4d75-a719-a3929f7491e3
SM_V9_2 iris    exon    613934  614005  .       -       .
Parent=Smp_310080.1;Name=df441a97-23ef-41f2-b54f-a8635c0cfccc
SM_V9_2 iris    exon    614042  614102  .       -       .
Parent=Smp_310080.1;Name=de26de95-be64-40de-b642-aea619ad5795
SM_V9_2 iris    exon    614138  614319  .       -       .
Parent=Smp_310080.1;Name=2742bafd-116a-4e51-ba8f-e9a06a0fc77e
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SM_V9_2 iris    CDS     613418  613628  .       -       2
Parent=Smp_310080.1
SM_V9_2 iris    CDS     613662  613803  .       -       0
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SM_V9_2 iris    CDS     613832  613903  .       -       0
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SM_V9_2 iris    CDS     613934  614005  .       -       0
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SM_V9_2 iris    CDS     614042  614102  .       -       1
Parent=Smp_310080.1
SM_V9_2 iris    CDS     614138  614178  .       -       0
Parent=Smp_310080.1
SM_V9_2 Liftoff gene    638560  648612  .       -       .
ID=Smp_310090;geneID=Smp_310090;previous_systematic_id=Smp_122830
SM_V9_2 Liftoff mRNA    638560  648612  .       -       .
ID=Smp_310090.1;Parent=Smp_310090;geneID=Smp_310090;product=Uncharac
terized protein C12orf56
homolog;polypeptide_domain=InterPro:IPR027878 Pfam:PF15087
SM_V9_2 Liftoff exon    638560  639347  .       -       .
Parent=Smp_310090.1
SM_V9_2 Liftoff exon    642646  643080  .       -       .
Parent=Smp_310090.1
SM_V9_2 Liftoff exon    644330  644966  .       -       .
Parent=Smp_310090.1
SM_V9_2 Liftoff exon    645412  645506  .       -       .
Parent=Smp_310090.1
SM_V9_2 Liftoff exon    648043  648201  .       -       .
Parent=Smp_310090.1
SM_V9_2 Liftoff exon    648238  648612  .       -       .
Parent=Smp_310090.1
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SM_V9_2 Liftoff CDS     644330  644966  .       -       1
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SM_V9_2 Liftoff CDS     645412  645506  .       -       0
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SM_V9_2 Liftoff CDS     648043  648201  .       -       0
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SM_V9_2 Liftoff CDS     648238  648441  .       -       0
Parent=Smp_310090.1
SM_V9_2 iris    gene    671896  680932  .       +       .
ID=Smp_122820;geneID=Smp_122820;gene_name=Smp_122820;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_2 iris    mRNA    671896  680932  .       +       .
ID=Smp_122820.1;Parent=Smp_122820;geneID=Smp_122820;gene_name=Smp_12
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ied=2022-08-18;Name=Smp_122820.1;product=Protein
FAM166B;date_creation=2022-08-18
SM_V9_2 iris    exon    671896  672019  .       +       .
Parent=Smp_122820.1;Name=7befd2f8-5294-46a4-9fed-5a60fb69615a
SM_V9_2 iris    exon    675705  675780  .       +       .
Parent=Smp_122820.1;Name=78b8131c-688c-459e-871b-b5e694739bf6
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SM_V9_2 iris    exon    675826  675858  .       +       .
Parent=Smp_122820.1;Name=0778c758-fe81-46b3-8c48-76a7b7cc1daa
SM_V9_2 iris    exon    675902  676049  .       +       .
Parent=Smp_122820.1;Name=a798636f-2fdf-4215-b180-c2d6dbc2dd05
SM_V9_2 iris    exon    676098  676512  .       +       .
Parent=Smp_122820.1;Name=a9ffd454-c41f-4747-b64b-9847f9021944
SM_V9_2 iris    exon    678579  678688  .       +       .
Parent=Smp_122820.1;Name=16ecd899-29ff-44d9-b078-a0148dd91ac8
SM_V9_2 iris    exon    680215  680932  .       +       .
Parent=Smp_122820.1;Name=6e1fab12-c1c2-489b-a5f0-754035e5ce11
SM_V9_2 iris    CDS     671934  672019  .       +       0
Parent=Smp_122820.1
SM_V9_2 iris    CDS     675705  675780  .       +       1
Parent=Smp_122820.1
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Parent=Smp_122820.1
SM_V9_2 iris    CDS     675902  676049  .       +       0
Parent=Smp_122820.1
SM_V9_2 iris    CDS     676098  676512  .       +       2
Parent=Smp_122820.1
SM_V9_2 iris    CDS     678579  678688  .       +       1
Parent=Smp_122820.1
SM_V9_2 iris    CDS     680215  680342  .       +       2
Parent=Smp_122820.1
SM_V9_2 iris    gene    682414  688908  .       -       .
ID=Smp_327370;geneID=Smp_327370;gene_name=Smp_327370;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    682414  688908  .       -       .
ID=Smp_327370.1;Parent=Smp_327370;geneID=Smp_327370;gene_name=Smp_32
7370;owner=irisadmin@local.host;orig_id=Smp_327370.1;date_last_modif
ied=2022-07-31;Name=Smp_327370.1;product=Xanthine dehydrogenase
1;date_creation=2022-07-31
SM_V9_2 iris    exon    682414  682635  .       -       .
Parent=Smp_327370.1;Name=f7f27628-decb-443b-bda4-341f79b94998
SM_V9_2 iris    exon    683064  683102  .       -       .
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Parent=Smp_327370.1;Name=ce8f580d-05b8-4fd7-a715-cbd5f568a160
SM_V9_2 iris    exon    685305  685370  .       -       .
Parent=Smp_327370.1;Name=c2976ff6-4533-42be-a1fc-3a91404f6da6
SM_V9_2 iris    exon    686390  686428  .       -       .
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Parent=Smp_327370.1;Name=96055af1-c251-4a59-9ea2-b2b3cf9ee156
SM_V9_2 iris    exon    687450  687497  .       -       .
Parent=Smp_327370.1;Name=3ee20389-40cc-4638-b612-e451bc01117c
SM_V9_2 iris    exon    687613  687675  .       -       .
Parent=Smp_327370.1;Name=7be1ced2-da04-4c0e-a934-4bd58dc92a4b
SM_V9_2 iris    exon    688020  688073  .       -       .
Parent=Smp_327370.1;Name=b98f823e-798e-4000-913e-978ee70ae2c8
SM_V9_2 iris    exon    688835  688908  .       -       .
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SM_V9_2 iris    CDS     685305  685370  .       -       2
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SM_V9_2 iris    CDS     688020  688073  .       -       2
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@local.host;date_last_modified=2022-11-14;date_creation=2022-07-31
SM_V9_2 iris    mRNA    714976  715778  .       -       .
ID=Smp_327400.1;Parent=Smp_327400;geneID=Smp_327400;gene_name=Smp_32
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SM_V9_2 iris    exon    714976  715199  .       -       .
Parent=Smp_327400.1;Name=e13320bf-c649-40d4-95b1-d57f6aec1187
SM_V9_2 iris    exon    715234  715336  .       -       .
Parent=Smp_327400.1;Name=27ad25b2-a796-4b7d-b838-65a3c21b1124
SM_V9_2 iris    exon    715366  715462  .       -       .
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SM_V9_2 iris    exon    715494  715622  .       -       .
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ID=Smp_327395;geneID=Smp_327395;gene_name=Smp_327395;owner=irisadmin
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Parent=Smp_327395.1;Name=Smp_327395.1-CDS
SM_V9_2 iris    exon    748631  748669  .       -       .
Parent=Smp_327395.1;Name=ac688ca4-ef41-4416-878b-95b0b2b9085c
SM_V9_2 iris    exon    749215  749283  .       -       .
Parent=Smp_327395.1;Name=dc38a140-9b83-4ad7-9ba6-9bd5585088a4
SM_V9_2 iris    exon    755328  755387  .       -       .
Parent=Smp_327395.1;Name=037c74ba-f9da-40e7-b07f-4d023ed78de3
SM_V9_2 iris    exon    756340  756405  .       -       .
Parent=Smp_327395.1;Name=73e3be66-948b-4bf1-aa2f-e773311fe3d0
SM_V9_2 iris    exon    757092  757130  .       -       .
Parent=Smp_327395.1;Name=c9591a11-3ecc-4f3d-a594-b987929badbd
SM_V9_2 iris    exon    757802  757849  .       -       .
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Parent=Smp_327395.1;Name=c5e112d0-e3d7-4648-9bab-3350c2fa49a8
SM_V9_2 iris    exon    759054  759111  .       -       .
Parent=Smp_327395.1;Name=1ad4033b-22b4-4604-916a-acfbac6eec35
SM_V9_2 iris    exon    759329  759368  .       -       .
Parent=Smp_327395.1;Name=4b84c946-652a-4aaf-8174-f2b71b036320
SM_V9_2 iris    exon    759941  760015  .       -       .
Parent=Smp_327395.1;Name=6c2e7156-8b4e-40af-9276-bc958083bec0
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SM_V9_2 iris    CDS     748631  748669  .       -       2
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Parent=Smp_327395.1
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Parent=Smp_327395.1
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ID=Smp_327420;geneID=Smp_327420;gene_name=Smp_327420;owner=irisadmin
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(nucleoside-2'-O-)-methyltransferase 1A;date_creation=2022-07-31
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Parent=Smp_327420.1;Name=4b20506d-8995-4159-96e5-5fdc75ec7104
SM_V9_2 iris    exon    790122  790635  .       +       .
Parent=Smp_327420.1;Name=0c2325bb-4b85-457f-a4ef-e1a4020a4758
SM_V9_2 iris    exon    792852  793289  .       +       .
Parent=Smp_327420.1;Name=7e8b8867-a1f4-4dfc-98da-a77c96fa8d48
SM_V9_2 iris    exon    797195  797291  .       +       .
Parent=Smp_327420.1;Name=0740f721-8b9e-48ec-9236-fc191db2931e
SM_V9_2 iris    exon    808589  810848  .       +       .
Parent=Smp_327420.1;Name=f4938169-d6c9-4a94-a295-7d2bfffbfd5d
SM_V9_2 iris    CDS     793167  793289  .       +       0
Parent=Smp_327420.1
SM_V9_2 iris    CDS     797195  797291  .       +       0
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SM_V9_2 iris    CDS     808589  808620  .       +       2
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Parent=Smp_327420.1
SM_V9_2 Liftoff pseudogene      789524  794413  .       -       .
        ID=Smp_327410;geneID=Smp_327410
SM_V9_2 Liftoff transcript      789524  794413  .       -       .
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SM_V9_2 Liftoff exon    789524  789572  .       -       .
Parent=Smp_327410.1
SM_V9_2 Liftoff exon    793754  794413  .       -       .
Parent=Smp_327410.1
SM_V9_2 Liftoff transcript      789658  794144  .       -       .
        ID=Smp_327410.2;Parent=Smp_327410;geneID=Smp_327410
SM_V9_2 Liftoff exon    789658  790279  .       -       .
Parent=Smp_327410.2
SM_V9_2 Liftoff exon    793754  794144  .       -       .
Parent=Smp_327410.2
SM_V9_2 Liftoff gene    802032  808207  .       -       .
ID=Smp_327430;geneID=Smp_327430
SM_V9_2 Liftoff mRNA    802032  808207  .       -       .
ID=Smp_327430.1;Parent=Smp_327430;geneID=Smp_327430;product=Bone
morphogenetic protein 2
SM_V9_2 Liftoff exon    802032  802362  .       -       .
Parent=Smp_327430.1
SM_V9_2 Liftoff exon    802660  802728  .       -       .
Parent=Smp_327430.1
SM_V9_2 Liftoff exon    807119  808207  .       -       .
Parent=Smp_327430.1
SM_V9_2 Liftoff CDS     802232  802362  .       -       2
Parent=Smp_327430.1
SM_V9_2 Liftoff CDS     802660  802728  .       -       2
Parent=Smp_327430.1
SM_V9_2 Liftoff CDS     807119  807176  .       -       0
Parent=Smp_327430.1
SM_V9_2 iris    gene    885051  892975  .       +       .
ID=Smp_327490;geneID=Smp_327490;gene_name=Smp_327490;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    885051  892975  .       +       .
ID=Smp_327490.1;Parent=Smp_327490;geneID=Smp_327490;gene_name=Smp_32
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SM_V9_2 iris    exon    885051  885125  .       +       .
Parent=Smp_327490.1;Name=9076e747-c443-459c-9fe9-914ad362ac22
SM_V9_2 iris    exon    887185  887238  .       +       .
Parent=Smp_327490.1;Name=baab40c8-0433-4a3f-9201-fa6cba7008fb
SM_V9_2 iris    exon    887576  887638  .       +       .
Parent=Smp_327490.1;Name=c9c90594-44e4-4b4d-a751-a5178f03e2aa
SM_V9_2 iris    exon    888447  888494  .       +       .
Parent=Smp_327490.1;Name=189f3881-7076-4631-bd7f-563a30031535
SM_V9_2 iris    exon    888541  888597  .       +       .
Parent=Smp_327490.1;Name=144c8f42-0b0f-46a2-8106-d1fb0f97c22f
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SM_V9_2 iris    exon    890197  890262  .       +       .
Parent=Smp_327490.1;Name=827328b7-f1a3-4547-97f2-5d566cd0aa6e
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SM_V9_2 iris    exon    891205  891264  .       +       .
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SM_V9_2 iris    CDS     887185  887238  .       +       2
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Parent=Smp_327490.1
SM_V9_2 iris    CDS     888447  888494  .       +       2
Parent=Smp_327490.1
SM_V9_2 iris    CDS     888541  888597  .       +       2
Parent=Smp_327490.1
SM_V9_2 iris    CDS     889472  889510  .       +       2
Parent=Smp_327490.1
SM_V9_2 iris    CDS     890197  890262  .       +       2
Parent=Smp_327490.1
SM_V9_2 iris    CDS     891205  891264  .       +       2
Parent=Smp_327490.1
SM_V9_2 iris    CDS     891733  891801  .       +       2
Parent=Smp_327490.1
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Parent=Smp_327490.1
SM_V9_2 iris    CDS     892775  892794  .       +       2
Parent=Smp_327490.1
SM_V9_2 iris    mRNA    885051  892975  .       +       .
ID=Smp_327490.2;Parent=Smp_327490;geneID=Smp_327490;gene_name=Smp_32
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Parent=Smp_327490.2;Name=ecad7bff-eb76-4433-92cb-b75f8d9f880c
SM_V9_2 iris    exon    886285  886347  .       +       .
Parent=Smp_327490.2;Name=87825a49-c049-42f9-b381-0499403e7752
SM_V9_2 iris    exon    887185  887238  .       +       .
Parent=Smp_327490.2;Name=e4071f08-4438-4a48-8e13-cddb0348c4f7
SM_V9_2 iris    exon    887576  887638  .       +       .
Parent=Smp_327490.2;Name=7d9679b5-c39f-489d-a8d2-518821e571f0
SM_V9_2 iris    exon    888447  888494  .       +       .
Parent=Smp_327490.2;Name=193a92c2-590a-46b2-aff9-7072383018aa
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Parent=Smp_327490.2;Name=b24aff48-230b-4712-bf78-6e41c0ce4351
SM_V9_2 iris    exon    889472  889510  .       +       .
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Parent=Smp_327490.2;Name=7853c143-43a1-4006-a45e-71a0a58267b0
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Parent=Smp_327490.2;Name=823e6934-ba70-48a6-afe1-3475c1d1fedd
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SM_V9_2 iris    CDS     888447  888494  .       +       2
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SM_V9_2 iris    CDS     888541  888597  .       +       2
Parent=Smp_327490.2
SM_V9_2 iris    CDS     889472  889510  .       +       2
Parent=Smp_327490.2
SM_V9_2 iris    CDS     890197  890262  .       +       2
Parent=Smp_327490.2
SM_V9_2 iris    CDS     891205  891264  .       +       2
Parent=Smp_327490.2
SM_V9_2 iris    CDS     891733  891801  .       +       2
Parent=Smp_327490.2
SM_V9_2 iris    CDS     892347  892385  .       +       2
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Parent=Smp_327490.2
SM_V9_2 Liftoff gene    897573  898923  .       -       .
ID=Smp_331990;geneID=Smp_331990;previous_systematic_id=Smp_001430
SM_V9_2 Liftoff mRNA    897573  898923  .       -       .
ID=Smp_331990.1;Parent=Smp_331990;geneID=Smp_331990;product=Ubiquino
ne biosynthesis protein COQ4 homolog, mitochondrial
SM_V9_2 Liftoff exon    897573  898006  .       -       .
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protein COQ4 homolog, mitochondrial;date_creation=2022-07-31
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Parent=Smp_327500.1;Name=2e98882a-b6f1-4f6c-9b1e-d170535be59d
SM_V9_2 iris    exon    910690  910818  .       +       .
Parent=Smp_327500.1;Name=4e7f605b-f8f0-4ee7-a6bf-8fb233c8f74f
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SM_V9_2 iris    exon    911442  911727  .       +       .
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Parent=Smp_327500.1
SM_V9_2 iris    CDS     910850  910946  .       +       2
Parent=Smp_327500.1
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SM_V9_2 iris    CDS     911113  911336  .       +       0
Parent=Smp_327500.1
SM_V9_2 iris    CDS     911442  911610  .       +       1
Parent=Smp_327500.1
SM_V9_2 Liftoff gene    926547  927018  .       +       .
ID=Smp_327510;geneID=Smp_327510
SM_V9_2 Liftoff mRNA    926547  927018  .       +       .
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sine deiodinase 1
SM_V9_2 Liftoff exon    926547  927018  .       +       .
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Parent=Smp_327510.1
SM_V9_2 iris    gene    938215  944915  .       +       .
ID=Smp_181720;geneID=Smp_181720;gene_name=Smp_181720;owner=irisadmin
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SM_V9_2 iris    mRNA    938215  944915  .       +       .
ID=Smp_181720.1;Parent=Smp_181720;geneID=Smp_181720;gene_name=Smp_18
1720;owner=irisadmin@local.host;orig_id=Smp_181720.1;date_last_modif
ied=2022-07-22;Name=Smp_181720.1;product=Quinolinate synthase
A;date_creation=2022-07-22
SM_V9_2 iris    exon    938215  938327  .       +       .
Parent=Smp_181720.1;Name=28b58274-3101-4675-b368-423dde4e72a7
SM_V9_2 iris    exon    939126  939179  .       +       .
Parent=Smp_181720.1;Name=51214c1c-0ca2-415e-b633-cc828a0a4700
SM_V9_2 iris    exon    939517  939579  .       +       .
Parent=Smp_181720.1;Name=7a3445b2-77e6-4c24-b488-fbeac1dd4657
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SM_V9_2 iris    exon    940388  940435  .       +       .
Parent=Smp_181720.1;Name=09ee4208-c24e-4a49-8fdc-2155d1ddb16c
SM_V9_2 iris    exon    940482  940538  .       +       .
Parent=Smp_181720.1;Name=b3116a62-f3a4-438b-af71-78fd92f7bf62
SM_V9_2 iris    exon    941413  941451  .       +       .
Parent=Smp_181720.1;Name=93de4489-2eda-426e-8bbc-cbfa45b574f2
SM_V9_2 iris    exon    942138  942203  .       +       .
Parent=Smp_181720.1;Name=fc294eac-fb20-433c-a5e1-29c305868b95
SM_V9_2 iris    exon    943145  943204  .       +       .
Parent=Smp_181720.1;Name=34dd89a1-aca8-4345-bb23-09eda144407c
SM_V9_2 iris    exon    943673  943741  .       +       .
Parent=Smp_181720.1;Name=bf346dfa-3bcb-446f-b743-eaded3c890ef
SM_V9_2 iris    exon    944287  944325  .       +       .
Parent=Smp_181720.1;Name=904714c7-47e8-423e-bf30-b1d65c2be9b8
SM_V9_2 iris    exon    944715  944915  .       +       .
Parent=Smp_181720.1;Name=98ed8b11-de50-4f98-82b3-ecc4a221a4c4
SM_V9_2 iris    CDS     938261  938327  .       +       0
Parent=Smp_181720.1
SM_V9_2 iris    CDS     939126  939179  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     939517  939579  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     940388  940435  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     940482  940538  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     941413  941451  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     942138  942203  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     943145  943204  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     943673  943741  .       +       2
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SM_V9_2 iris    CDS     944287  944325  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    CDS     944715  944734  .       +       2
Parent=Smp_181720.1
SM_V9_2 iris    gene    948018  948472  .       -       .
ID=Smp_306690;geneID=Smp_306690;gene_name=Smp_306690;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    948018  948472  .       -       .
ID=Smp_306690.1;Parent=Smp_306690;geneID=Smp_306690;gene_name=Smp_30
6690;owner=irisadmin@local.host;orig_id=Smp_306690.1;date_last_modif
ied=2022-07-31;Name=Smp_306690.1;product=Cap-specific mRNA
(nucleoside-2'-O-)-methyltransferase 1;date_creation=2022-07-31
SM_V9_2 iris    exon    948018  948472  .       -       .
Parent=Smp_306690.1;Name=32221c40-c9e1-4406-ae6e-dd464f11e697
SM_V9_2 iris    CDS     948056  948463  .       -       0
Parent=Smp_306690.1
SM_V9_2 Liftoff gene    1000758 1007433 .       -       .
ID=Smp_327520;geneID=Smp_327520
SM_V9_2 Liftoff mRNA    1000758 1007433 .       -       .
ID=Smp_327520.1;Parent=Smp_327520;geneID=Smp_327520;product=Tyrosine
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-protein phosphatase non-receptor type 13
SM_V9_2 Liftoff exon    1000758 1001421 .       -       .
Parent=Smp_327520.1
SM_V9_2 Liftoff exon    1001963 1002057 .       -       .
Parent=Smp_327520.1
SM_V9_2 Liftoff exon    1007265 1007433 .       -       .
Parent=Smp_327520.1
SM_V9_2 Liftoff CDS     1000836 1001421 .       -       1
Parent=Smp_327520.1
SM_V9_2 Liftoff CDS     1001963 1002057 .       -       0
Parent=Smp_327520.1
SM_V9_2 Liftoff CDS     1007265 1007300 .       -       0
Parent=Smp_327520.1
SM_V9_2 iris    gene    1012129 1020051 .       +       .
ID=Smp_327530;geneID=Smp_327530;gene_name=Smp_327530;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    1012129 1020051 .       +       .
ID=Smp_327530.1;Parent=Smp_327530;geneID=Smp_327530;gene_name=Smp_32
7530;owner=irisadmin@local.host;orig_id=Smp_327530.2;date_last_modif
ied=2022-07-31;Name=Smp_327530.1;product=Protein
FAM166B;date_creation=2022-07-31
SM_V9_2 iris    exon    1012129 1012243 .       +       .
Parent=Smp_327530.1;Name=51c2a53a-3a99-488e-b17d-e90a4415f147
SM_V9_2 iris    exon    1014917 1014992 .       +       .
Parent=Smp_327530.1;Name=cc12a81d-1b83-4b2c-ba3d-ada7839d263f
SM_V9_2 iris    exon    1015038 1015070 .       +       .
Parent=Smp_327530.1;Name=2ba72bd8-4549-4b5d-ac86-d3c34860c5df
SM_V9_2 iris    exon    1015114 1015261 .       +       .
Parent=Smp_327530.1;Name=48e024c4-c69f-4d96-93fc-d0f55cb91f36
SM_V9_2 iris    exon    1015310 1015724 .       +       .
Parent=Smp_327530.1;Name=1cc205f7-b300-4dc7-8333-3f395bde429a
SM_V9_2 iris    exon    1017784 1017893 .       +       .
Parent=Smp_327530.1;Name=835783e2-db5c-467d-b36b-1d173282621b
SM_V9_2 iris    exon    1019420 1020051 .       +       .
Parent=Smp_327530.1;Name=7ae7ec8c-e292-4179-a5ee-7ad1e6abed42
SM_V9_2 iris    CDS     1014921 1014992 .       +       0
Parent=Smp_327530.1
SM_V9_2 iris    CDS     1015038 1015070 .       +       0
Parent=Smp_327530.1
SM_V9_2 iris    CDS     1015114 1015261 .       +       0
Parent=Smp_327530.1
SM_V9_2 iris    CDS     1015310 1015724 .       +       2
Parent=Smp_327530.1
SM_V9_2 iris    CDS     1017784 1017893 .       +       1
Parent=Smp_327530.1
SM_V9_2 iris    CDS     1019420 1019547 .       +       2
Parent=Smp_327530.1
SM_V9_2 iris    gene    1022140 1028669 .       -       .
ID=Smp_327540;geneID=Smp_327540;gene_name=Smp_327540;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    1022140 1028669 .       -       .
ID=Smp_327540.1;Parent=Smp_327540;geneID=Smp_327540;gene_name=Smp_32
7540;owner=irisadmin@local.host;orig_id=Smp_327540.1;date_last_modif
ied=2022-07-22;Name=Smp_327540.1;product=Phosphatidylserine
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decarboxylase proenzyme;date_creation=2022-07-22
SM_V9_2 iris    exon    1022140 1022374 .       -       .
Parent=Smp_327540.1;Name=f2145f7e-6aae-4243-b0de-081328647a94
SM_V9_2 iris    exon    1022810 1022848 .       -       .
Parent=Smp_327540.1;Name=f96cbdf5-4e04-400d-9c23-29eb88d3f1f5
SM_V9_2 iris    exon    1023405 1023473 .       -       .
Parent=Smp_327540.1;Name=6a320656-3b58-4981-82fd-88a2e174c046
SM_V9_2 iris    exon    1024045 1024104 .       -       .
Parent=Smp_327540.1;Name=5196696b-16fc-472b-baa3-f73f087d584c
SM_V9_2 iris    exon    1025051 1025116 .       -       .
Parent=Smp_327540.1;Name=5cd2eeb5-a21c-4720-9647-0010659a2f83
SM_V9_2 iris    exon    1026134 1026172 .       -       .
Parent=Smp_327540.1;Name=5a526044-744b-4671-98e8-abf60510f052
SM_V9_2 iris    exon    1027107 1027163 .       -       .
Parent=Smp_327540.1;Name=cb99d1e6-058d-4f71-a639-74824bdd892c
SM_V9_2 iris    exon    1027210 1027257 .       -       .
Parent=Smp_327540.1;Name=948ff1b2-edf6-4fc7-a412-4e025adb03be
SM_V9_2 iris    exon    1027373 1027435 .       -       .
Parent=Smp_327540.1;Name=59218215-148e-4de3-94d7-981d52ed3c37
SM_V9_2 iris    exon    1027780 1027833 .       -       .
Parent=Smp_327540.1;Name=27ee666d-e026-4990-b3ad-3c25198f1759
SM_V9_2 iris    exon    1028595 1028669 .       -       .
Parent=Smp_327540.1;Name=b28dd100-27c1-4214-aca2-2d5b1b3196a9
SM_V9_2 iris    CDS     1022358 1022374 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1022810 1022848 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1023405 1023473 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1024045 1024104 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1025051 1025116 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1026134 1026172 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1027107 1027163 .       -       2
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SM_V9_2 iris    CDS     1027210 1027257 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1027373 1027435 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1027780 1027833 .       -       2
Parent=Smp_327540.1
SM_V9_2 iris    CDS     1028595 1028661 .       -       0
Parent=Smp_327540.1
SM_V9_2 iris    gene    1055838 1057003 .       -       .
ID=Smp_303430;geneID=Smp_303430;gene_name=Smp_303430;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    1055838 1057003 .       -       .
ID=Smp_303430.1;Parent=Smp_303430;geneID=Smp_303430;gene_name=Smp_30
3430;owner=irisadmin@local.host;orig_id=Smp_303430.1;date_last_modif
ied=2022-07-22;Name=Smp_303430.1;product=Ubiquinone biosynthesis
protein COQ4 homolog, mitochondrial;date_creation=2022-07-22
SM_V9_2 iris    exon    1055838 1056099 .       -       .
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Parent=Smp_303430.1;Name=2044ab02-d411-48e0-884f-8a0b1908479c
SM_V9_2 iris    exon    1056209 1056432 .       -       .
Parent=Smp_303430.1;Name=5b9c8f31-3f35-4a41-b907-c0e5197d582f
SM_V9_2 iris    exon    1056467 1056569 .       -       .
Parent=Smp_303430.1;Name=b74e590d-f207-439c-a294-45837657d222
SM_V9_2 iris    exon    1056599 1057003 .       -       .
Parent=Smp_303430.1;Name=880aff4a-5548-4d1e-b371-486c039b70e4
SM_V9_2 iris    CDS     1055931 1056099 .       -       1
Parent=Smp_303430.1
SM_V9_2 iris    CDS     1056209 1056369 .       -       0
Parent=Smp_303430.1
SM_V9_2 iris    gene    1071793 1090893 .       -       .
ID=Smp_001420;geneID=Smp_001420;gene_name=Smp_001420;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    1071793 1090893 .       -       .
ID=Smp_001420.1;Parent=Smp_001420;geneID=Smp_001420;gene_name=Smp_00
1420;owner=irisadmin@local.host;orig_id=Smp_001420.1;date_last_modif
ied=2022-07-22;Name=Smp_001420.1;product=Growth hormone-regulated
TBC protein 1;date_creation=2022-07-22
SM_V9_2 iris    exon    1071793 1073604 .       -       .
Parent=Smp_001420.1;Name=30311836-a1aa-45e1-b2c1-cab2082c72eb
SM_V9_2 iris    exon    1076692 1076877 .       -       .
Parent=Smp_001420.1;Name=c8463fed-d4e8-4b50-bd80-d6231d2381b6
SM_V9_2 iris    exon    1078402 1078510 .       -       .
Parent=Smp_001420.1;Name=74853d01-46cf-4888-8111-dbea99c2157f
SM_V9_2 iris    exon    1081434 1081609 .       -       .
Parent=Smp_001420.1;Name=eb8895d5-feb0-42c9-8426-fd88ec2bd9d3
SM_V9_2 iris    exon    1088327 1088454 .       -       .
Parent=Smp_001420.1;Name=506dcfea-9ecb-48fd-9f9a-53024e8527cf
SM_V9_2 iris    exon    1090440 1090598 .       -       .
Parent=Smp_001420.1;Name=4cbfe697-926c-4d58-b7ea-2ad68c0445c0
SM_V9_2 iris    exon    1090633 1090784 .       -       .
Parent=Smp_001420.1;Name=1cc77f33-af9a-4d7d-b840-6cb015103c9a
SM_V9_2 iris    exon    1090827 1090893 .       -       .
Parent=Smp_001420.1;Name=8dd72001-3157-4ec3-bf98-c2a9547fb324
SM_V9_2 iris    CDS     1073506 1073604 .       -       0
Parent=Smp_001420.1
SM_V9_2 iris    CDS     1076692 1076877 .       -       0
Parent=Smp_001420.1
SM_V9_2 iris    CDS     1078402 1078510 .       -       1
Parent=Smp_001420.1
SM_V9_2 iris    CDS     1081434 1081609 .       -       0
Parent=Smp_001420.1
SM_V9_2 iris    CDS     1088327 1088454 .       -       2
Parent=Smp_001420.1
SM_V9_2 iris    CDS     1090440 1090598 .       -       2
Parent=Smp_001420.1
SM_V9_2 iris    CDS     1090633 1090784 .       -       1
Parent=Smp_001420.1
SM_V9_2 iris    CDS     1090827 1090846 .       -       0
Parent=Smp_001420.1
SM_V9_2 Liftoff gene    1097637 1106505 .       +       .
ID=Smp_001410;geneID=Smp_001410
SM_V9_2 Liftoff mRNA    1097637 1106505 .       +       .
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ID=Smp_001410.1;Parent=Smp_001410;geneID=Smp_001410;product=Glyoxala
se domain-containing protein 4;polypeptide_domain=InterPro:IPR029068
SM_V9_2 Liftoff exon    1097637 1100676 .       +       .
Parent=Smp_001410.1
SM_V9_2 Liftoff exon    1103995 1104044 .       +       .
Parent=Smp_001410.1
SM_V9_2 Liftoff exon    1104087 1104207 .       +       .
Parent=Smp_001410.1
SM_V9_2 Liftoff exon    1104251 1104443 .       +       .
Parent=Smp_001410.1
SM_V9_2 Liftoff exon    1104497 1104663 .       +       .
Parent=Smp_001410.1
SM_V9_2 Liftoff exon    1104704 1104817 .       +       .
Parent=Smp_001410.1
SM_V9_2 Liftoff exon    1105902 1106505 .       +       .
Parent=Smp_001410.1
SM_V9_2 Liftoff CDS     1100587 1100676 .       +       0
Parent=Smp_001410.1
SM_V9_2 Liftoff CDS     1103995 1104044 .       +       0
Parent=Smp_001410.1
SM_V9_2 Liftoff CDS     1104087 1104207 .       +       1
Parent=Smp_001410.1
SM_V9_2 Liftoff CDS     1104251 1104443 .       +       0
Parent=Smp_001410.1
SM_V9_2 Liftoff CDS     1104497 1104663 .       +       2
Parent=Smp_001410.1
SM_V9_2 Liftoff CDS     1104704 1104817 .       +       0
Parent=Smp_001410.1
SM_V9_2 Liftoff CDS     1105902 1106051 .       +       0
Parent=Smp_001410.1
SM_V9_2 iris    gene    1122031 1187704 .       +       .
ID=Smp_122810;geneID=Smp_122810;gene_name=Smp_122810;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    1122031 1187704 .       +       .
ID=Smp_122810.1;Parent=Smp_122810;geneID=Smp_122810;gene_name=Smp_12
2810;owner=irisadmin@local.host;orig_id=Smp_122810.1;date_last_modif
ied=2022-07-31;Name=Smp_122810.1;product=Mechanosensory protein
2;date_creation=2022-07-31
SM_V9_2 iris    exon    1122031 1122053 .       +       .
Parent=Smp_122810.1;Name=f68c976e-505e-4811-adbf-402046b92de3
SM_V9_2 iris    exon    1123899 1124107 .       +       .
Parent=Smp_122810.1;Name=c45b37d8-83cd-4012-86c0-a57a558620e7
SM_V9_2 iris    exon    1168681 1168790 .       +       .
Parent=Smp_122810.1;Name=83374e10-22cd-4e44-b23b-8765924b966c
SM_V9_2 iris    exon    1171781 1171936 .       +       .
Parent=Smp_122810.1;Name=8e4400c3-014e-479a-a244-8006e8a54da1
SM_V9_2 iris    exon    1179460 1179663 .       +       .
Parent=Smp_122810.1;Name=3a0214a9-62a6-498c-979c-e122e40b4da5
SM_V9_2 iris    exon    1180951 1181006 .       +       .
Parent=Smp_122810.1;Name=d3a62ac4-4c43-430a-bb94-b6e51848d03a
SM_V9_2 iris    exon    1181997 1182075 .       +       .
Parent=Smp_122810.1;Name=87ff180b-54a6-4d23-81c1-13a87ea650e9
SM_V9_2 iris    exon    1185814 1187704 .       +       .
Parent=Smp_122810.1;Name=67094640-1fa7-4e85-95a3-cd27f7f89adc
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SM_V9_2 iris    CDS     1124074 1124107 .       +       0
Parent=Smp_122810.1
SM_V9_2 iris    CDS     1168681 1168790 .       +       2
Parent=Smp_122810.1
SM_V9_2 iris    CDS     1171781 1171936 .       +       0
Parent=Smp_122810.1
SM_V9_2 iris    CDS     1179460 1179663 .       +       0
Parent=Smp_122810.1
SM_V9_2 iris    CDS     1180951 1181006 .       +       0
Parent=Smp_122810.1
SM_V9_2 iris    CDS     1181997 1182075 .       +       1
Parent=Smp_122810.1
SM_V9_2 iris    CDS     1185814 1186224 .       +       0
Parent=Smp_122810.1
SM_V9_2 Liftoff pseudogene      1134819 1162287 .       -       .
        ID=Smp_327550;geneID=Smp_327550
SM_V9_2 Liftoff transcript      1134819 1162287 .       -       .
        ID=Smp_327550.1;Parent=Smp_327550;geneID=Smp_327550
SM_V9_2 Liftoff exon    1134819 1136911 .       -       .
Parent=Smp_327550.1
SM_V9_2 Liftoff exon    1162268 1162287 .       -       .
Parent=Smp_327550.1
SM_V9_2 Liftoff gene    1269097 1285591 .       +       .
ID=Smp_001390;geneID=Smp_001390
SM_V9_2 Liftoff mRNA    1269097 1285591 .       +       .
ID=Smp_001390.1;Parent=Smp_001390;geneID=Smp_001390;product=Nck-
associated protein 1;polypeptide_domain=InterPro:IPR019137
Pfam:PF09735
SM_V9_2 Liftoff exon    1269097 1272594 .       +       .
Parent=Smp_001390.1
SM_V9_2 Liftoff exon    1275131 1275302 .       +       .
Parent=Smp_001390.1
SM_V9_2 Liftoff exon    1277162 1277354 .       +       .
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SM_V9_2 Liftoff exon    1280017 1280273 .       +       .
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SM_V9_2 Liftoff exon    1282170 1282640 .       +       .
Parent=Smp_001390.1
SM_V9_2 Liftoff exon    1284775 1285591 .       +       .
Parent=Smp_001390.1
SM_V9_2 Liftoff CDS     1270232 1272594 .       +       0
Parent=Smp_001390.1
SM_V9_2 Liftoff CDS     1275131 1275302 .       +       1
Parent=Smp_001390.1
SM_V9_2 Liftoff CDS     1277162 1277354 .       +       0
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SM_V9_2 Liftoff CDS     1280017 1280273 .       +       2
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Parent=Smp_001390.1
SM_V9_2 Liftoff gene    1299011 1338549 .       +       .
ID=Smp_122800;geneID=Smp_122800
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ID=Smp_122800.1;Parent=Smp_122800;geneID=Smp_122800;product=La-
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1;polypeptide_domain=InterPro:IPR006607,IPR006630,IPR011991
Pfam:PF05383
SM_V9_2 Liftoff exon    1299011 1299088 .       +       .
Parent=Smp_122800.1
SM_V9_2 Liftoff exon    1299136 1299241 .       +       .
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Parent=Smp_122800.1
SM_V9_2 Liftoff exon    1330441 1330528 .       +       .
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Parent=Smp_122800.1
SM_V9_2 Liftoff exon    1331333 1331697 .       +       .
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SM_V9_2 Liftoff exon    1332358 1332473 .       +       .
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ID=Smp_122790;geneID=Smp_122790;gene_name=Smp_122790;owner=irisadmin
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ID=Smp_122790.1;Parent=Smp_122790;geneID=Smp_122790;gene_name=Smp_12
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ied=2022-07-31;Name=Smp_122790.1;product=Probable transcriptional
regulatory protein THA_1246;date_creation=2022-07-31
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Parent=Smp_122790.1;Name=e8018ce0-780d-4f5a-be75-eba9280f7d1a
SM_V9_2 iris    exon    1364742 1364924 .       -       .
Parent=Smp_122790.1;Name=6ac6e267-8bb5-49ab-877a-b3f82c63d495
SM_V9_2 iris    exon    1366310 1367152 .       -       .
Parent=Smp_122790.1;Name=1bd8a1f9-f4e1-4575-bcca-86e41919ef58
SM_V9_2 iris    exon    1378238 1378337 .       -       .
Parent=Smp_122790.1;Name=1ac0f8bb-1d1e-452a-8ddf-8630a6456a72
SM_V9_2 iris    CDS     1363321 1363413 .       -       0
Parent=Smp_122790.1
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Parent=Smp_122790.1
SM_V9_2 iris    mRNA    1363187 1378337 .       -       .
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SM_V9_2 iris    exon    1363187 1363413 .       -       .
Parent=Smp_122790.2;Name=40619149-f0a4-45b5-b14e-b9256b211023
SM_V9_2 iris    exon    1364742 1364924 .       -       .
Parent=Smp_122790.2;Name=d31faa50-095d-4367-8df5-478c8e9b22a7
SM_V9_2 iris    exon    1366310 1367152 .       -       .
Parent=Smp_122790.2;Name=68ba0521-3a84-465d-8946-19785695733c
SM_V9_2 iris    exon    1375690 1375793 .       -       .
Parent=Smp_122790.2;Name=ecd1fa38-7eab-4e96-aaec-83467a82cc49
SM_V9_2 iris    exon    1378238 1378337 .       -       .
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Parent=Smp_122790.2;Name=76160f23-211a-4db6-b793-02c488b795a4
SM_V9_2 iris    CDS     1363321 1363413 .       -       0
Parent=Smp_122790.2
SM_V9_2 iris    CDS     1364742 1364924 .       -       0
Parent=Smp_122790.2
SM_V9_2 iris    CDS     1366310 1367122 .       -       0
Parent=Smp_122790.2
SM_V9_2 Liftoff gene    1388781 1389251 .       +       .
ID=Smp_327570;geneID=Smp_327570
SM_V9_2 Liftoff mRNA    1388781 1389251 .       +       .
ID=Smp_327570.1;Parent=Smp_327570;geneID=Smp_327570;product=UPF0691
protein C9orf116;polypeptide_domain=InterPro:IPR026507 Pfam:PF14892
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Parent=Smp_327570.1
SM_V9_2 Liftoff exon    1389011 1389251 .       +       .
Parent=Smp_327570.1
SM_V9_2 Liftoff CDS     1388831 1388977 .       +       0
Parent=Smp_327570.1
SM_V9_2 Liftoff CDS     1389011 1389070 .       +       0
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ID=Smp_001360;geneID=Smp_001360
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ID=Smp_001360.1;Parent=Smp_001360;geneID=Smp_001360;product=Thymidyl
ate kinase;polypeptide_domain=InterPro:IPR018094,IPR027417
Pfam:PF02223;Ontology_term=GO:0004798,GO:0005524,GO:0006233
SM_V9_2 Liftoff exon    1394966 1395429 .       -       .
Parent=Smp_001360.1
SM_V9_2 Liftoff exon    1398370 1403257 .       -       .
Parent=Smp_001360.1
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SM_V9_2 iris    mRNA    1436141 1471195 .       +       .
ID=Smp_122780.1;Parent=Smp_122780;geneID=Smp_122780;gene_name=Smp_12
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SM_V9_2 iris    exon    1436265 1436348 .       +       .
Parent=Smp_122780.1;Name=bdde8591-015e-42ea-bf0f-36e6dc239966
SM_V9_2 iris    exon    1436383 1436612 .       +       .
Parent=Smp_122780.1;Name=d7c91609-4db8-4a40-a7e5-e7c60e90f0ae
SM_V9_2 iris    exon    1440002 1440299 .       +       .
Parent=Smp_122780.1;Name=cb20d27a-541a-4483-8b4e-1f9334434e44
SM_V9_2 iris    exon    1441481 1441783 .       +       .
Parent=Smp_122780.1;Name=a1288909-e6fb-4980-af57-44f8eeec5608
SM_V9_2 iris    exon    1443215 1443464 .       +       .
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SM_V9_2 iris    exon    1451677 1451787 .       +       .
Parent=Smp_122780.1;Name=069e4c54-b307-423b-b988-ab065be81eee
SM_V9_2 iris    exon    1454445 1454563 .       +       .
Parent=Smp_122780.1;Name=6e8832db-0937-4925-bde3-3e9bfcbbccbf
SM_V9_2 iris    exon    1456137 1456303 .       +       .
Parent=Smp_122780.1;Name=7900f28f-b155-45e5-a4ca-82b0480b3b44
SM_V9_2 iris    exon    1457636 1457827 .       +       .
Parent=Smp_122780.1;Name=1e1babf5-8e65-48e2-944f-ee431925c3bd
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Parent=Smp_122780.1;Name=a129931d-dccd-4890-8477-ab9727090456
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Parent=Smp_122780.1;Name=807a887d-df43-42a3-b3c6-e5d1c3585d48
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Parent=Smp_122780.1
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SM_V9_2 iris    CDS     1436383 1436612 .       +       0
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ID=Smp_327580;geneID=Smp_327580;gene_name=Smp_327580;owner=irisadmin
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ID=Smp_327580.1;Parent=Smp_327580;geneID=Smp_327580;gene_name=Smp_32
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SM_V9_2 iris    exon    1553711 1554199 .       -       .
Parent=Smp_327580.1;Name=e4425768-5c02-43f3-a7d1-8f8d0b98fe6b
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Parent=Smp_327580.1;Name=1fa4033e-8e69-4856-bef2-9dd05b6f7d92
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ID=Smp_327590;geneID=Smp_327590;gene_name=Smp_327590;owner=irisadmin
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ied=2022-11-14;Name=Smp_327590.1;product=Protein
jagged-1a;date_creation=2022-08-18
SM_V9_2 iris    exon    1563006 1563263 .       -       .
Parent=Smp_327590.1;Name=5cab62f6-dcc6-48b7-a9c1-c4869370abfc
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SM_V9_2 iris    exon    1571614 1572175 .       -       .
Parent=Smp_327590.1;Name=adc41426-8174-46db-9574-9641addd06f0
SM_V9_2 iris    exon    1574527 1574725 .       -       .
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SM_V9_2 iris    CDS     1574527 1574688 .       -       0
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SM_V9_2 iris    gene    1583531 1603977 .       -       .
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ID=Smp_349950.1;Parent=Smp_349950;geneID=Smp_349950;gene_name=Smp_34
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Parent=Smp_349950.1;Name=b43372e2-b01b-477a-a738-0b28b3918c99
SM_V9_2 iris    exon    1584602 1584702 .       -       .
Parent=Smp_349950.1;Name=10f51ca4-99d0-47cf-a50f-1b8f527df634
SM_V9_2 iris    exon    1586708 1586836 .       -       .
Parent=Smp_349950.1;Name=Smp_349950.1-CDS
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Parent=Smp_349950.1;Name=c96ecc4a-cbf7-43e1-bef2-1aa3a46fd637
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Parent=Smp_349950.1
SM_V9_2 iris    CDS     1591241 1591301 .       -       2
Parent=Smp_349950.1
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Parent=Smp_349950.1
SM_V9_2 iris    CDS     1603918 1603975 .       -       0
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SM_V9_2 iris    mRNA    1702501 1801226 .       +       .
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Parent=Smp_327610.1;Name=9d5a98de-80d0-45e7-b0f2-cecccaf948bc
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Parent=Smp_327610.1;Name=b83ed8cb-6625-4862-8813-636568451743
SM_V9_2 iris    exon    1719647 1719804 .       +       .
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Parent=Smp_085410.1;Name=96f1bdc1-9d53-47f3-8ee7-ea4d3df01871
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ID=Smp_327640;geneID=Smp_327640;gene_name=Smp_327640;owner=irisadmin
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SM_V9_2 iris    exon    2153905 2154041 .       +       .
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Parent=Smp_001210.1;Name=f02a91f7-29a1-4e22-8267-1a557771d59d
SM_V9_2 iris    exon    2154082 2154269 .       +       .
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Parent=Smp_001210.1;Name=0e899899-cd53-47a7-8855-67aac11cc3fd
SM_V9_2 iris    exon    2155023 2155092 .       +       .
Parent=Smp_001210.1;Name=78fc7f5d-b18e-479d-ae73-fdce7ed4693f
SM_V9_2 iris    exon    2155151 2155256 .       +       .
Parent=Smp_001210.1;Name=b6b45188-9823-4ee6-a707-a9b11a96936e
SM_V9_2 iris    exon    2163770 2164178 .       +       .
Parent=Smp_001210.1;Name=a865707b-21a8-4a7d-9abc-2550944b067a
SM_V9_2 iris    exon    2165820 2166015 .       +       .
Parent=Smp_001210.1;Name=facdf40b-8c25-4f84-9b31-cac0922551b3
SM_V9_2 iris    exon    2167286 2167362 .       +       .
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SM_V9_2 iris    exon    2179440 2179642 .       +       .
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SM_V9_2 iris    exon    2183411 2183671 .       +       .
Parent=Smp_001210.1;Name=88d408e5-5f2e-43da-bbb4-ecf7053965df
SM_V9_2 iris    exon    2187013 2187590 .       +       .
Parent=Smp_001210.1;Name=a5f3558c-588e-4caf-86ba-412df04ceb0a
SM_V9_2 iris    CDS     2153801 2153861 .       +       0
Parent=Smp_001210.1
SM_V9_2 iris    CDS     2153905 2154041 .       +       2
Parent=Smp_001210.1
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Parent=Smp_001210.1
SM_V9_2 iris    CDS     2155023 2155092 .       +       2
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SM_V9_2 iris    CDS     2175117 2175596 .       +       2
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SM_V9_2 iris    CDS     2183411 2183671 .       +       2
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SM_V9_2 iris    CDS     2187013 2187542 .       +       2
Parent=Smp_001210.1
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ID=Smp_245490;geneID=Smp_245490;previous_systematic_id=Smp_173540,Sm
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ID=Smp_245490.1;Parent=Smp_245490;geneID=Smp_245490;product=Integrin
alpha-5;polypeptide_domain=InterPro:IPR000413,IPR013519,IPR032695;On
tology_term=GO:0007155,GO:0008305
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Parent=Smp_245490.1
SM_V9_2 Liftoff exon    2248842 2249035 .       +       .
Parent=Smp_245490.1
SM_V9_2 Liftoff exon    2269261 2269425 .       +       .
Parent=Smp_245490.1
SM_V9_2 Liftoff exon    2274149 2276634 .       +       .
Parent=Smp_245490.1
SM_V9_2 Liftoff CDS     2206558 2209978 .       +       0
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SM_V9_2 Liftoff CDS     2248842 2249035 .       +       2
Parent=Smp_245490.1
SM_V9_2 Liftoff CDS     2269261 2269425 .       +       0
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ID=Smp_181000;geneID=Smp_181000;gene_name=Smp_181000;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    2285737 2297275 .       -       .
ID=Smp_181000.1;Parent=Smp_181000;geneID=Smp_181000;gene_name=Smp_18
1000;owner=irisadmin@local.host;orig_id=Smp_181000.1;date_last_modif
ied=2022-07-31;Name=Smp_181000.1;product=Ubiquitin thioesterase
OTU1;date_creation=2022-07-31
SM_V9_2 iris    exon    2285737 2286582 .       -       .
Parent=Smp_181000.1;Name=9ae352de-336e-4f8e-ada2-0a9285bf2594
SM_V9_2 iris    exon    2290829 2291056 .       -       .
Parent=Smp_181000.1;Name=be15e4c9-1bd6-4965-8ee4-0b37f7d51b4c
SM_V9_2 iris    exon    2295369 2295731 .       -       .
Parent=Smp_181000.1;Name=ac1e526e-2fb2-4ea5-a34e-21f4857bcd05
SM_V9_2 iris    exon    2297009 2297275 .       -       .
Parent=Smp_181000.1;Name=0f866716-2a09-43b8-b32e-7a9a700fc49f
SM_V9_2 iris    CDS     2286406 2286582 .       -       0
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SM_V9_2 iris    CDS     2290829 2291056 .       -       0
Parent=Smp_181000.1
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SM_V9_2 iris    CDS     2295369 2295731 .       -       0
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ID=Smp_241580;geneID=Smp_241580;previous_systematic_id=Smp_180990
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ID=Smp_241580.1;Parent=Smp_241580;geneID=Smp_241580;product=HSPB1-
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Pfam:PF13621
SM_V9_2 Liftoff exon    2297330 2300165 .       -       .
Parent=Smp_241580.1
SM_V9_2 Liftoff CDS     2297354 2298544 .       -       0
Parent=Smp_241580.1
SM_V9_2 iris    gene    2330904 2344675 .       -       .
ID=Smp_157950;geneID=Smp_157950;gene_name=Smp_157950;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    2330904 2344675 .       -       .
ID=Smp_157950.1;Parent=Smp_157950;geneID=Smp_157950;gene_name=Smp_15
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ied=2022-07-22;Name=Smp_157950.1;product=Glycogenin-1;date_creation=
2022-07-22
SM_V9_2 iris    exon    2330904 2331775 .       -       .
Parent=Smp_157950.1;Name=1b16baf4-2f12-47f0-ae1e-b38760aaa141
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Parent=Smp_157950.1;Name=3c36707e-2e58-4361-9d79-f3d785ac01cd
SM_V9_2 iris    exon    2342078 2342425 .       -       .
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SM_V9_2 iris    exon    2342968 2343141 .       -       .
Parent=Smp_157950.1;Name=97fb5c5a-6dd8-47be-94d8-0796fb30f2dc
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Parent=Smp_157950.1;Name=663116f8-e8ad-4d6e-a441-45f11fb92a9d
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ID=Smp_245480;geneID=Smp_245480;previous_systematic_id=Smp_066250,Sm
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SM_V9_2 Liftoff mRNA    2350375 2388577 .       -       .
ID=Smp_245480.1;Parent=Smp_245480;geneID=Smp_245480;product=LisH
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SM_V9_2 Liftoff exon    2362765 2362855 .       -       .
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SM_V9_2 Liftoff exon    2371587 2371726 .       -       .
Parent=Smp_245480.1
SM_V9_2 Liftoff exon    2379033 2379156 .       -       .
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SM_V9_2 Liftoff exon    2387460 2387800 .       -       .
Parent=Smp_245480.1
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Parent=Smp_245480.1
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SM_V9_2 Liftoff mRNA    2395519 2401837 .       +       .
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5;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR008921,IPR01374
8,IPR027417
Pfam:PF00004,PF08542;Ontology_term=GO:0003677,GO:0005524,GO:0006260
SM_V9_2 Liftoff exon    2395519 2395589 .       +       .
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ID=Smp_210310;geneID=Smp_210310;previous_systematic_id=Smp_157970
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L7a;polypeptide_domain=InterPro:IPR001921,IPR004037,IPR004038,IPR018
492,IPR029064 Pfam:PF01248;Ontology_term=GO:0030529,GO:0042254
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Parent=Smp_210310.1
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Parent=Smp_210300.1
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ID=Smp_310150;geneID=Smp_310150;previous_systematic_id=Smp_186690
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ID=Smp_347490;geneID=Smp_347490;gene_name=Smp_347490;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
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ID=Smp_347490.1;Parent=Smp_347490;geneID=Smp_347490;gene_name=Smp_34
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inhibitor 2, macrophage;date_creation=2022-07-31
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SM_V9_2 iris    exon    2524019 2524066 .       +       .
Parent=Smp_347490.1;Name=ab6f416c-3cd8-4969-87a1-3a01184d6dd2
SM_V9_2 iris    exon    2524113 2524169 .       +       .
Parent=Smp_347490.1;Name=4aa5e015-23a4-4814-a495-521126877606
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SM_V9_2 iris    exon    2527363 2527431 .       +       .
Parent=Smp_347490.1;Name=09153b4a-b2c9-4714-a904-3277eb1b245f
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ID=Smp_327450.1;Parent=Smp_327450;geneID=Smp_327450;product=Cap-
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Pfam:PF01585;Ontology_term=GO:0003676
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SM_V9_2 iris    exon    3237402 3237610 .       -       .
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Parent=Smp_131650.1
SM_V9_2 Liftoff CDS     3638640 3638701 .       +       0
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Parent=Smp_131650.1
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SM_V9_2 Liftoff CDS     3646826 3647132 .       +       0
Parent=Smp_131650.1
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Parent=Smp_131650.1
SM_V9_2 Liftoff CDS     3650578 3650849 .       +       2
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ID=Smp_131660;geneID=Smp_131660
SM_V9_2 Liftoff mRNA    3654139 3663606 .       +       .
ID=Smp_131660.1;Parent=Smp_131660;geneID=Smp_131660;product=COP9
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Pfam:PF01398;Ontology_term=GO:0005515
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Parent=Smp_131660.1
SM_V9_2 Liftoff exon    3656632 3656733 .       +       .
Parent=Smp_131660.1
SM_V9_2 Liftoff exon    3658098 3658308 .       +       .
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Parent=Smp_337230.1
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SM_V9_2 Liftoff exon    3691313 3692122 .       +       .
Parent=Smp_131680.1
SM_V9_2 Liftoff exon    3694578 3694678 .       +       .
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SM_V9_2 Liftoff exon    3708439 3709329 .       +       .
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SM_V9_2 Liftoff CDS     3691313 3692122 .       +       1
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Parent=Smp_131680.2
SM_V9_2 Liftoff exon    3691313 3692122 .       +       .
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SM_V9_2 Liftoff exon    3694578 3694678 .       +       .
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SM_V9_2 Liftoff exon    3707194 3707379 .       +       .
Parent=Smp_131680.2
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SM_V9_2 Liftoff exon    3708439 3709329 .       +       .
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Parent=Smp_340270.1
SM_V9_2 Liftoff exon    3718324 3719036 .       +       .
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Parent=Smp_340270.1
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Pfam:PF00118;Ontology_term=GO:0005524,GO:0006457,GO:0051082
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SM_V9_2 Liftoff exon    3729597 3730020 .       -       .
Parent=Smp_017360.1
SM_V9_2 Liftoff exon    3734298 3734438 .       -       .
Parent=Smp_017360.1
SM_V9_2 Liftoff CDS     3722050 3722242 .       -       1
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Parent=Smp_017360.1
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ID=Smp_131690;geneID=Smp_131690;gene_name=Smp_131690;owner=irisadmin
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SM_V9_2 iris    mRNA    3740312 3801120 .       +       .
ID=Smp_131690.1;Parent=Smp_131690;geneID=Smp_131690;gene_name=Smp_13
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protein CASK;date_creation=2022-07-22
SM_V9_2 iris    exon    3740312 3740426 .       +       .
Parent=Smp_131690.1;Name=97c32825-f47d-4508-ba9c-91819dd93546
SM_V9_2 iris    exon    3748099 3748211 .       +       .
Parent=Smp_131690.1;Name=61f6ce62-7da2-43eb-b354-6f17709a4f3a
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Parent=Smp_131690.1;Name=622f4110-ba0c-462b-96aa-1815d415f7a2
SM_V9_2 iris    exon    3756529 3756606 .       +       .
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Parent=Smp_131690.1;Name=800a2198-f24d-43b9-a010-3d1449d282a4
SM_V9_2 iris    exon    3759394 3759450 .       +       .
Parent=Smp_131690.1;Name=61f3c4ba-9adb-405c-8dbc-e149602f6002
SM_V9_2 iris    exon    3759931 3760106 .       +       .
Parent=Smp_131690.1;Name=950f506c-48a2-4c23-ac5c-289a7025f751
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Parent=Smp_131690.1;Name=dbb1718d-3f0b-4e85-a932-6a4f00537dd1
SM_V9_2 iris    exon    3767188 3767306 .       +       .
Parent=Smp_131690.1;Name=9e5ee563-14a8-4191-881e-bb0324191add
SM_V9_2 iris    exon    3768952 3769029 .       +       .
Parent=Smp_131690.1;Name=91475544-1a23-4c09-ab45-1b11a4cf383e
SM_V9_2 iris    exon    3770968 3771057 .       +       .
Parent=Smp_131690.1;Name=8f883756-294f-441c-a2f0-a6b5dde6e856
SM_V9_2 iris    exon    3773072 3773260 .       +       .
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Parent=Smp_131690.1;Name=cadd5c72-5bba-47a1-bd6f-b706be5abf3f
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SM_V9_2 iris    exon    3787068 3787199 .       +       .
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ID=Smp_196150;geneID=Smp_196150;gene_name=Smp_196150;owner=irisadmin
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ID=Smp_196150.2;Parent=Smp_196150;geneID=Smp_196150;gene_name=Smp_19
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SM_V9_2 iris    exon    3826918 3827033 .       +       .
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Parent=Smp_196150.2;Name=d46e4864-ed9f-49ed-9dab-e5ba8ae91bb1
SM_V9_2 iris    exon    3837046 3837278 .       +       .
Parent=Smp_196150.2;Name=104abbf3-16b7-4067-ba1a-22ebfe47f788
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Parent=Smp_196150.2;Name=4c2a911d-755e-427a-a60a-b89755da4f3c
SM_V9_2 iris    exon    3841589 3841882 .       +       .
Parent=Smp_196150.2;Name=cf2b1e5f-11e8-4a04-b4c2-87536c5d8e37
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Parent=Smp_196150.2;Name=a9ae84d1-c5b2-4920-aaf0-1c22b0366873
SM_V9_2 iris    CDS     3814653 3814727 .       +       0
Parent=Smp_196150.2
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Parent=Smp_196150.2
SM_V9_2 iris    CDS     3824218 3824341 .       +       1
Parent=Smp_196150.2
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SM_V9_2 iris    CDS     3841589 3841882 .       +       0
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17

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R005142,IPR029064
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Statement;literature=PMID:16406405;polypeptide_domain=InterPro:IPR00
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Pfam:PF00104;Ontology_term=GO:0003677,GO:0003707,GO:0005634,GO:00063
55,GO:0043401
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Pfam:PF00448,PF04086;Ontology_term=GO:0003924,GO:0005047,GO:0005525,
GO:0005785,GO:0006614,GO:0006810,GO:0006886
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SM_V9_2 Liftoff exon    4463544 4463627 .       -       .
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SM_V9_2 iris    exon    4706826 4706886 .       +       .
Parent=Smp_147840.1;Name=62b88b2a-31cf-43b7-9460-acf44f74dd86
SM_V9_2 iris    exon    4709251 4709308 .       +       .
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Parent=Smp_147840.1;Name=1e972b72-7fbd-4b4f-88cd-d243282af874
SM_V9_2 iris    exon    4716715 4718013 .       +       .
Parent=Smp_147840.1;Name=03558a86-7884-4780-b377-3afc6f2a86fd
SM_V9_2 iris    CDS     4677902 4677975 .       +       0
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Parent=Smp_147840.1
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SM_V9_2 iris    CDS     4699424 4699490 .       +       0
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SM_V9_2 iris    CDS     4703110 4703332 .       +       2
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SM_V9_2 iris    CDS     4706826 4706886 .       +       1
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SM_V9_2 iris    CDS     4709251 4709308 .       +       0
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Parent=Smp_147840.1
SM_V9_2 iris    CDS     4714209 4714339 .       +       2
Parent=Smp_147840.1
SM_V9_2 Liftoff gene    4767551 4811951 .       +       .
ID=Smp_344010;geneID=Smp_344010;previous_systematic_id=Smp_147830
SM_V9_2 Liftoff mRNA    4767551 4811951 .       +       .
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Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_2 Liftoff exon    4767551 4773176 .       +       .
Parent=Smp_344010.1
SM_V9_2 Liftoff exon    4785889 4786194 .       +       .
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SM_V9_2 Liftoff exon    4789624 4790202 .       +       .
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SM_V9_2 Liftoff exon    4793123 4793278 .       +       .
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Parent=Smp_344010.1
SM_V9_2 Liftoff exon    4804995 4805347 .       +       .
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SM_V9_2 Liftoff exon    4808646 4809407 .       +       .
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SM_V9_2 Liftoff CDS     4811174 4811668 .       +       0
Parent=Smp_344010.1
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SM_V9_2 Liftoff gene    4843313 4843907 .       +       .
ID=Smp_310260;geneID=Smp_310260
SM_V9_2 Liftoff mRNA    4843313 4843907 .       +       .
ID=Smp_310260.1;Parent=Smp_310260;geneID=Smp_310260;product=MICOS
complex subunit Mic10;polypeptide_domain=InterPro:IPR007512
Pfam:PF04418
SM_V9_2 Liftoff exon    4843313 4843417 .       +       .
Parent=Smp_310260.1
SM_V9_2 Liftoff exon    4843451 4843498 .       +       .
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SM_V9_2 Liftoff exon    4843529 4843638 .       +       .
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SM_V9_2 Liftoff exon    4843675 4843907 .       +       .
Parent=Smp_310260.1
SM_V9_2 Liftoff CDS     4843339 4843417 .       +       0
Parent=Smp_310260.1
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ID=Smp_147820;geneID=Smp_147820;gene_name=Smp_147820;owner=irisadmin
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SM_V9_2 iris    mRNA    4846617 4853773 .       +       .
ID=Smp_147820.1;Parent=Smp_147820;geneID=Smp_147820;gene_name=Smp_14
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SM_V9_2 iris    exon    4846617 4847027 .       +       .
Parent=Smp_147820.1;Name=5b0830f9-73fe-4ecb-9504-1097a9024432
SM_V9_2 iris    exon    4848966 4849099 .       +       .
Parent=Smp_147820.1;Name=8788785a-40cf-44e5-959c-89731a3a8413
SM_V9_2 iris    exon    4853564 4853773 .       +       .
Parent=Smp_147820.1;Name=705e1a97-59e3-443a-b0fe-f18558e56d8f
SM_V9_2 iris    CDS     4846695 4847027 .       +       0
Parent=Smp_147820.1
SM_V9_2 iris    CDS     4848966 4849099 .       +       0
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SM_V9_2 iris    CDS     4853564 4853705 .       +       1
Parent=Smp_147820.1
SM_V9_2 iris    gene    4860741 4895208 .       +       .
ID=Smp_344000;geneID=Smp_344000;gene_name=Smp_344000;owner=irisadmin
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SM_V9_2 iris    mRNA    4860741 4895208 .       +       .
ID=Smp_344000.1;Parent=Smp_344000;geneID=Smp_344000;gene_name=Smp_34
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ied=2022-07-22;Name=Smp_344000.1;product=Putative deoxyribonuclease
TATDN3;date_creation=2022-07-22
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Parent=Smp_344000.1;Name=1949156d-cf0c-4ea3-bfe3-3265f073588b
SM_V9_2 iris    exon    4861440 4861493 .       +       .
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SM_V9_2 iris    exon    4873353 4873398 .       +       .
Parent=Smp_344000.1;Name=932203d6-7e7d-45bd-b509-3607a7b53b14
SM_V9_2 iris    exon    4875295 4875339 .       +       .
Parent=Smp_344000.1;Name=994de923-5ac6-4085-b631-1b25f87d4641
SM_V9_2 iris    exon    4875400 4875462 .       +       .
Parent=Smp_344000.1;Name=9db01e54-709e-429b-b4bf-7e4a7a26c5d1
SM_V9_2 iris    exon    4875519 4875628 .       +       .
Parent=Smp_344000.1;Name=0f0217ee-f39f-46d6-b1a7-65290a7dabdd
SM_V9_2 iris    exon    4877527 4877582 .       +       .
Parent=Smp_344000.1;Name=36ca661c-def8-4a16-a31c-874676b57035
SM_V9_2 iris    exon    4887139 4887251 .       +       .
Parent=Smp_344000.1;Name=3a16a504-62d3-4695-b01f-16021b16d67d
SM_V9_2 iris    exon    4892482 4892565 .       +       .
Parent=Smp_344000.1;Name=66ed078c-f0db-408b-bbfa-5a33e8008a16
SM_V9_2 iris    exon    4895026 4895208 .       +       .
Parent=Smp_344000.1;Name=0f3a7957-90ea-4a59-b160-4c4a7c300908
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SM_V9_2 iris    CDS     4861440 4861493 .       +       0
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Parent=Smp_344000.1
SM_V9_2 iris    CDS     4887139 4887251 .       +       2
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SM_V9_2 iris    CDS     4892482 4892565 .       +       0
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SM_V9_2 iris    mRNA    4899563 4907750 .       -       .
ID=Smp_327780.1;Parent=Smp_327780;geneID=Smp_327780;gene_name=Smp_32
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Parent=Smp_327780.1;Name=eb0dfdca-b45b-4799-b7d1-72b96eb5246c
SM_V9_2 iris    exon    4900799 4900837 .       -       .
Parent=Smp_327780.1;Name=bf016acf-63a8-45b9-b99b-aef027356a00
SM_V9_2 iris    exon    4901850 4901918 .       -       .
Parent=Smp_327780.1;Name=3118f6c4-6991-45ca-965c-7c50be508abc
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Parent=Smp_327780.1;Name=ee682a5f-c810-4521-9870-1632f817cb4f
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SM_V9_2 iris    exon    4906717 4906755 .       -       .
Parent=Smp_327780.1;Name=d4aeba24-768d-479d-8423-c30d1b1269a9
SM_V9_2 iris    exon    4907588 4907750 .       -       .
Parent=Smp_327780.1;Name=b7bb7a5b-36dd-465b-81c9-6f271e157c1a
SM_V9_2 iris    CDS     4899615 4899658 .       -       2
Parent=Smp_327780.1
SM_V9_2 iris    CDS     4900799 4900837 .       -       2
Parent=Smp_327780.1
SM_V9_2 iris    CDS     4901850 4901918 .       -       2
Parent=Smp_327780.1
SM_V9_2 iris    CDS     4903742 4903801 .       -       2
Parent=Smp_327780.1
SM_V9_2 iris    CDS     4905716 4905781 .       -       2
Parent=Smp_327780.1
SM_V9_2 iris    CDS     4906717 4906755 .       -       2
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SM_V9_2 iris    CDS     4907588 4907654 .       -       0
Parent=Smp_327780.1
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ID=Smp_348530;geneID=Smp_348530
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SM_V9_2 Liftoff exon    4911726 4911779 .       -       .
Parent=Smp_348530.1
SM_V9_2 Liftoff exon    4912949 4913040 .       -       .
Parent=Smp_348530.1
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Parent=Smp_348530.1
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ID=Smp_343990;geneID=Smp_343990;gene_name=Smp_343990;owner=irisadmin
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ID=Smp_343990.1;Parent=Smp_343990;geneID=Smp_343990;gene_name=Smp_34
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SM_V9_2 iris    exon    4950695 4951616 .       -       .
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Parent=Smp_343990.1;Name=6ec32365-5a3b-4220-96bd-5698cbe29304
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Parent=Smp_343990.1;Name=e9ccb715-44c6-4329-be0d-00620554acfa
SM_V9_2 iris    exon    4991479 4992018 .       -       .
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SM_V9_2 iris    exon    5022834 5023277 .       -       .
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SM_V9_2 iris    CDS     4950695 4951616 .       -       0
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ID=Smp_147790.1;Parent=Smp_147790;geneID=Smp_147790;gene_name=Smp_14
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Parent=Smp_147790.1;Name=2ced21be-3cd0-4840-ad8e-507bea73a3a9
SM_V9_2 iris    exon    5068234 5068292 .       -       .
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Parent=Smp_147790.1;Name=7d593f87-3866-4735-a728-2d9f02b01f40
SM_V9_2 iris    exon    5095649 5095702 .       -       .
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Parent=Smp_147790.1;Name=c1f7625d-cdcf-43cd-9a6d-4e12a0ce6346
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Parent=Smp_147790.1
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Parent=Smp_147790.1
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SM_V9_2 iris    CDS     5112660 5113435 .       -       0
Parent=Smp_147790.1
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ID=Smp_245520;geneID=Smp_245520;previous_systematic_id=Smp_147760,Sm
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SM_V9_2 Liftoff mRNA    5276335 5360648 .       -       .
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68
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SM_V9_2 Liftoff CDS     5490334 5490502 .       +       1
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SM_V9_2 Liftoff CDS     5507606 5507783 .       +       1
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2;polypeptide_domain=InterPro:IPR002942,IPR006145,IPR006225,IPR02010
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Pfam:PF00849;Ontology_term=GO:0001522,GO:0003723,GO:0009451,GO:00099
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SM_V9_2 Liftoff exon    5518819 5519098 .       -       .
Parent=Smp_047860.1
SM_V9_2 Liftoff exon    5521332 5521419 .       -       .
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SM_V9_2 Liftoff exon    5522409 5522574 .       -       .
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1;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
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Parent=Smp_343980.1
SM_V9_2 Liftoff exon    5535023 5535085 .       +       .
Parent=Smp_343980.1
SM_V9_2 Liftoff exon    5535852 5536007 .       +       .
Parent=Smp_343980.1
SM_V9_2 Liftoff exon    5537354 5537649 .       +       .
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SM_V9_2 Liftoff exon    5538576 5538623 .       +       .
Parent=Smp_343980.1
SM_V9_2 Liftoff exon    5539865 5539987 .       +       .
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SM_V9_2 Liftoff CDS     5537354 5537649 .       +       2
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5;polypeptide_domain=InterPro:IPR000008,IPR035439 Pfam:PF00168
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SM_V9_2 Liftoff exon    5830367 5830413 .       +       .
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SM_V9_2 Liftoff CDS     5859120 5859913 .       +       2
Parent=Smp_133590.1
SM_V9_2 Liftoff CDS     5864712 5864993 .       +       0
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SM_V9_2 Liftoff CDS     5870833 5871030 .       +       0
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SM_V9_2 Liftoff CDS     5872514 5872723 .       +       0
Parent=Smp_133590.1
SM_V9_2 Liftoff mRNA    5807920 5873058 .       +       .
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SM_V9_2 Liftoff exon    5848394 5848451 .       +       .
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Parent=Smp_133590.3
SM_V9_2 Liftoff exon    5830367 5830413 .       +       .
Parent=Smp_133590.3
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Parent=Smp_133590.3
SM_V9_2 Liftoff exon    5836506 5836778 .       +       .
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SM_V9_2 Liftoff exon    5841759 5841990 .       +       .
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SM_V9_2 Liftoff exon    5870833 5871030 .       +       .
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Parent=Smp_133590.3
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SM_V9_2 Liftoff CDS     5841759 5841990 .       +       2
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SM_V9_2 Liftoff CDS     5848394 5848451 .       +       1
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SM_V9_2 Liftoff CDS     5848551 5848604 .       +       0
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SM_V9_2 Liftoff CDS     5859120 5859913 .       +       2
Parent=Smp_133590.3
SM_V9_2 Liftoff CDS     5864712 5864993 .       +       0
Parent=Smp_133590.3
SM_V9_2 Liftoff CDS     5870833 5871030 .       +       0
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Parent=Smp_133600.1;Name=ef55f867-3e4b-43fa-a627-207926c758f8
SM_V9_2 iris    exon    5877250 5877518 .       -       .
Parent=Smp_133600.1;Name=72378c08-7b4a-4ed9-9e05-34d8bdc762fd
SM_V9_2 iris    exon    5879328 5879550 .       -       .
Parent=Smp_133600.1;Name=4916d74e-5ec0-49e2-b36e-bcae10fe429f
SM_V9_2 iris    exon    5879661 5879812 .       -       .
Parent=Smp_133600.1;Name=e17c01be-8ad9-45e5-bd15-bf6ccd5104fb
SM_V9_2 iris    exon    5880647 5880891 .       -       .
Parent=Smp_133600.1;Name=bc865085-c8be-479e-8672-e22c4bec0b55
SM_V9_2 iris    exon    5881873 5882006 .       -       .
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SM_V9_2 iris    exon    5882867 5883052 .       -       .
Parent=Smp_133600.1;Name=9a6d4518-b173-49d5-9747-1b2fd249f668
SM_V9_2 iris    exon    5884270 5884485 .       -       .
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Parent=Smp_133600.1
SM_V9_2 iris    CDS     5879661 5879812 .       -       2
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SM_V9_2 iris    CDS     5882867 5883052 .       -       0
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ID=Smp_021040;geneID=Smp_021040
SM_V9_2 Liftoff mRNA    5895697 5902522 .       +       .
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Parent=Smp_021040.2
SM_V9_2 Liftoff exon    5902119 5902522 .       +       .
Parent=Smp_021040.2
SM_V9_2 Liftoff CDS     5902024 5902088 .       +       0
Parent=Smp_021040.2
SM_V9_2 Liftoff CDS     5902119 5902413 .       +       1
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SM_V9_2 Liftoff mRNA    5895697 5903525 .       +       .
ID=Smp_021040.1;Parent=Smp_021040;geneID=Smp_021040;product=Protein
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Parent=Smp_021040.1
SM_V9_2 Liftoff exon    5902119 5903525 .       +       .
Parent=Smp_021040.1
SM_V9_2 Liftoff CDS     5902024 5902088 .       +       0
Parent=Smp_021040.1
SM_V9_2 Liftoff CDS     5902119 5902413 .       +       1
Parent=Smp_021040.1
SM_V9_2 Liftoff mRNA    5901458 5902532 .       +       .
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Parent=Smp_021040.3
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Parent=Smp_021040.3
SM_V9_2 Liftoff CDS     5902024 5902088 .       +       0
Parent=Smp_021040.3
SM_V9_2 Liftoff CDS     5902119 5902413 .       +       1
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Parent=Smp_021070.1
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Parent=Smp_021070.1
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ID=Smp_021080.1;Parent=Smp_021080;geneID=Smp_021080;gene_name=Smp_02
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SM_V9_2 iris    exon    5953403 5953454 .       +       .
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SM_V9_2 iris    exon    5958790 5958984 .       +       .
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SM_V9_2 iris    exon    5959022 5959167 .       +       .
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SM_V9_2 iris    exon    5959407 5959601 .       +       .
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SM_V9_2 iris    exon    5963699 5963836 .       -       .
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SM_V9_2 iris    exon    5983182 5983309 .       -       .
Parent=Smp_133620.1;Name=c6977c3c-0870-4469-a42e-a926a6858fbf
SM_V9_2 iris    exon    5985826 5985873 .       -       .
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ID=Smp_021100;geneID=Smp_021100;gene_name=Smp_021100;owner=irisadmin
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Parent=Smp_021100.1;Name=e0708361-7ba0-48b5-8d8f-9bb460822520
SM_V9_2 iris    exon    6003793 6003973 .       +       .
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Parent=Smp_021100.1;Name=24b324ed-d1c7-44ec-978f-7e278ad5a323
SM_V9_2 iris    exon    6010522 6011120 .       +       .
Parent=Smp_021100.1;Name=5b2702a4-2ae5-403c-b10f-00137708f14c
SM_V9_2 iris    exon    6011427 6011817 .       +       .
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Parent=Smp_201820.1;Name=67eb1d45-6cb4-4e95-9729-bfa271ca221a
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SM_V9_2 iris    exon    6035108 6035759 .       +       .
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SM_V9_2 iris    exon    6040774 6041503 .       +       .
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ID=Smp_245530.1;Parent=Smp_245530;geneID=Smp_245530;product=Tegument
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Parent=Smp_021130.1
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Pfam:PF01251;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
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ID=Smp_021170;geneID=Smp_021170
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protein sorting-associated protein
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SM_V9_2 Liftoff exon    6188297 6188613 .       +       .
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SM_V9_2 Liftoff exon    6310527 6311057 .       +       .
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SM_V9_2 Liftoff CDS     6191768 6192088 .       +       1
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SM_V9_2 Liftoff CDS     6193408 6193560 .       +       1
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SM_V9_2 Liftoff CDS     6194799 6195079 .       +       1
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6;polypeptide_domain=InterPro:IPR006073,IPR027417,IPR030394
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Parent=Smp_016550.1
SM_V9_2 Liftoff exon    7093418 7093522 .       +       .
Parent=Smp_016550.1
SM_V9_2 Liftoff exon    7096761 7096885 .       +       .
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ID=Smp_327810;geneID=Smp_327810
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Parent=Smp_016490.1;Name=0a8f8670-e52a-434e-81a0-9acc1c89e940
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SM_V9_2 iris    exon    7347410 7347487 .       -       .
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Parent=Smp_194910.1;Name=75b47a7a-7485-4727-bc48-eab7c5848042
SM_V9_2 iris    exon    7352860 7352894 .       -       .
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ID=Smp_194900;geneID=Smp_194900;gene_name=Smp_194900;owner=irisadmin
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Parent=Smp_194900.1;Name=2e76b04c-3f91-43bb-a05e-bcc299216f7f
SM_V9_2 iris    exon    7363030 7363115 .       -       .
Parent=Smp_194900.1;Name=8a211785-ce5a-444b-875c-7e8fd5905bd5
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Parent=Smp_194900.1;Name=c4e68161-a643-4a41-8b6f-8e844e75fff4
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Parent=Smp_194900.1;Name=6089a6bc-b133-4ddd-8dac-7fd2aa3fde71
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ID=Smp_316140.1;Parent=Smp_316140;geneID=Smp_316140;product=Eggshell
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Parent=Smp_316160.1
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ID=Smp_316170;geneID=Smp_316170;gene_name=Smp_316170;owner=irisadmin
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Parent=Smp_016250.1;Name=20c14635-0d1e-4363-b13c-cad6a55f839b
SM_V9_2 iris    exon    8065881 8066034 .       -       .
Parent=Smp_016250.1;Name=4c37a2f2-4b3b-4d04-9646-f87af111082b
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SM_V9_2 iris    exon    8067908 8068049 .       -       .
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Parent=Smp_016250.1;Name=8c418c57-4278-43f5-b528-0f18df8430c8
SM_V9_2 iris    CDS     8063012 8063202 .       -       2
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ID=Smp_247400.1;Parent=Smp_247400;geneID=Smp_247400;gene_name=Smp_24
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protein homolog;date_creation=2022-07-23
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SM_V9_2 iris    exon    8078851 8078953 .       +       .
Parent=Smp_247400.1;Name=52013e80-eb84-41d0-aaf6-910aa525b26c
SM_V9_2 iris    exon    8084415 8084540 .       +       .
Parent=Smp_247400.1;Name=e066a790-3d10-49d8-be0a-e7c2d5092cb3
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SM_V9_2 iris    exon    8084691 8084809 .       +       .
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SM_V9_2 iris    exon    8084849 8084934 .       +       .
Parent=Smp_247400.1;Name=7d5f4200-74cd-4745-b88d-1e64140520b1
SM_V9_2 iris    exon    8084976 8085065 .       +       .
Parent=Smp_247400.1;Name=c923c04d-9182-4646-a0ae-43965f6261dc
SM_V9_2 iris    exon    8085102 8085267 .       +       .
Parent=Smp_247400.1;Name=de960113-9325-4e1c-a3d4-a209691ba70c
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SM_V9_2 iris    exon    8096106 8096196 .       +       .
Parent=Smp_247400.1;Name=6efc31d2-6b6b-4348-ab17-a8043583dfce
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Parent=Smp_247400.1;Name=de9b9cc0-c5ef-4feb-99e8-fe1cd9c75b84
SM_V9_2 iris    exon    8102558 8102695 .       +       .
Parent=Smp_247400.1;Name=bbb7f7c8-670d-4454-9982-ef2223eb6891
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Parent=Smp_247400.1;Name=3518f0a1-f469-4c8f-9f31-873da9dce895
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Parent=Smp_247400.1;Name=08c4c05e-e315-4cde-94fa-5634f861ae08
SM_V9_2 iris    exon    8117303 8117729 .       +       .
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Parent=Smp_247400.1;Name=7b0793b9-e0a5-45bc-b591-3c084f56b71b
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1;polypeptide_domain=InterPro:IPR000330,IPR001650,IPR010003,IPR01400
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ID=Smp_342060;geneID=Smp_342060;previous_systematic_id=Smp_124580
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Parent=Smp_004590.1
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57
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21
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SM_V9_2 iris    exon    8780807 8781136 .       -       .
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Parent=Smp_324630.1;Name=858a415c-5a09-4901-b37f-001a496891f5
SM_V9_2 iris    exon    8793950 8794018 .       +       .
Parent=Smp_324630.1;Name=fb3bc73f-74f7-4df9-861e-edd03ac0ef9d
SM_V9_2 iris    exon    8794062 8794171 .       +       .
Parent=Smp_324630.1;Name=1026a0bf-65d1-4196-8f5c-f41efee48546
SM_V9_2 iris    exon    8794211 8794300 .       +       .
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SM_V9_2 iris    exon    8794332 8794469 .       +       .
Parent=Smp_324630.1;Name=0212c186-bb4f-4e94-a120-32a3b80dd793
SM_V9_2 iris    exon    8796525 8796823 .       +       .
Parent=Smp_324630.1;Name=5996f581-3531-4fd0-934d-a7776ca1824c
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Parent=Smp_324630.1;Name=b12621c8-d751-426f-8c82-89f7fa370226
SM_V9_2 iris    exon    8801379 8801542 .       +       .
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Parent=Smp_324630.1
SM_V9_2 iris    CDS     8794062 8794171 .       +       2
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SM_V9_2 Liftoff exon    8880372 8880491 .       -       .
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Parent=Smp_124650.2
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ID=Smp_004690;geneID=Smp_004690
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Parent=Smp_004690.2
SM_V9_2 Liftoff CDS     8927984 8928592 .       -       0
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ID=Smp_004690.1;Parent=Smp_004690;geneID=Smp_004690;product=E3
ubiquitin-protein ligase
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SM_V9_2 Liftoff exon    8927811 8928651 .       -       .
Parent=Smp_004690.1
SM_V9_2 Liftoff exon    8939187 8940056 .       -       .
Parent=Smp_004690.1
SM_V9_2 Liftoff CDS     8927984 8928651 .       -       2
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SM_V9_2 Liftoff CDS     8939187 8939355 .       -       0
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SM_V9_2 Liftoff gene    8946551 8993906 .       -       .
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and SEC7 domain-containing protein
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Parent=Smp_124660.1
SM_V9_2 Liftoff exon    8951277 8951739 .       -       .
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SM_V9_2 Liftoff CDS     8989137 8989267 .       -       2
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ID=Smp_004710;geneID=Smp_004710
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_2 iris    mRNA    9041742 9221311 .       -       .
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SM_V9_2 iris    exon    9122793 9122916 .       -       .
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Parent=Smp_004730.1;Name=d798c678-909c-4659-8395-fd1b5747b27a
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SM_V9_2 iris    CDS     9048778 9048847 .       -       1
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SM_V9_2 iris    CDS     9057490 9057700 .       -       0
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SM_V9_2 iris    CDS     9062411 9062507 .       -       1
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or complex subunit
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ID=Smp_124710;geneID=Smp_124710;gene_name=Smp_124710;owner=irisadmin
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SM_V9_2 iris    exon    9295911 9296280 .       +       .
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SM_V9_2 iris    exon    9298096 9298715 .       +       .
Parent=Smp_124710.1;Name=ac99ce41-ea15-4cff-b9c3-ed818f5ddafb
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SM_V9_2 iris    exon    9303774 9304445 .       +       .
Parent=Smp_124710.1;Name=4c9b37f3-3261-496b-b8a5-b1811c1f0bca
SM_V9_2 iris    exon    9306036 9306095 .       +       .
Parent=Smp_124710.1;Name=24875040-c044-45e2-9b3d-aaa7de9dbe57
SM_V9_2 iris    exon    9306211 9306304 .       +       .
Parent=Smp_124710.1;Name=9d7cd979-04e6-4853-891c-be41f5ae10ea
SM_V9_2 iris    exon    9311930 9312379 .       +       .
Parent=Smp_124710.1;Name=0a413999-1e75-41bd-8e87-6473101add8e
SM_V9_2 iris    exon    9315308 9315446 .       +       .
Parent=Smp_124710.1;Name=ad6865c5-e3ca-47af-b162-acf93ca73b2c
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Parent=Smp_124710.1;Name=5a130d72-14f5-4c28-8647-6c3fdf231b6b
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Parent=Smp_124710.1
SM_V9_2 iris    CDS     9285200 9285250 .       +       2
Parent=Smp_124710.1
SM_V9_2 iris    CDS     9288971 9289029 .       +       2
Parent=Smp_124710.1
SM_V9_2 iris    CDS     9289822 9289925 .       +       0
Parent=Smp_124710.1
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Parent=Smp_124710.1
SM_V9_2 iris    CDS     9293968 9294469 .       +       1
Parent=Smp_124710.1
SM_V9_2 iris    CDS     9295911 9296280 .       +       0
Parent=Smp_124710.1
SM_V9_2 iris    CDS     9298096 9298715 .       +       2
Parent=Smp_124710.1
SM_V9_2 iris    CDS     9303774 9304445 .       +       0
Parent=Smp_124710.1
SM_V9_2 iris    CDS     9306036 9306095 .       +       0
Parent=Smp_124710.1
SM_V9_2 iris    CDS     9306211 9306304 .       +       0
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SM_V9_2 iris    CDS     9311930 9312379 .       +       2
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SM_V9_2 iris    CDS     9315308 9315330 .       +       2
Parent=Smp_124710.1
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ID=Smp_004780;geneID=Smp_004780
SM_V9_2 Liftoff mRNA    9344794 9346443 .       +       .
ID=Smp_004780.1;Parent=Smp_004780;geneID=Smp_004780;product=immunoph
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179,IPR001440,IPR011990,IPR013026,IPR019734
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SM_V9_2 Liftoff exon    9344794 9345116 .       +       .
Parent=Smp_004780.1
SM_V9_2 Liftoff exon    9345150 9345287 .       +       .
Parent=Smp_004780.1
SM_V9_2 Liftoff exon    9345323 9345642 .       +       .
Parent=Smp_004780.1
SM_V9_2 Liftoff exon    9345677 9345763 .       +       .
Parent=Smp_004780.1
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SM_V9_2 Liftoff exon    9345792 9346028 .       +       .
Parent=Smp_004780.1
SM_V9_2 Liftoff exon    9346060 9346236 .       +       .
Parent=Smp_004780.1
SM_V9_2 Liftoff exon    9346270 9346443 .       +       .
Parent=Smp_004780.1
SM_V9_2 Liftoff CDS     9344852 9345116 .       +       0
Parent=Smp_004780.1
SM_V9_2 Liftoff CDS     9345150 9345287 .       +       2
Parent=Smp_004780.1
SM_V9_2 Liftoff CDS     9345323 9345642 .       +       2
Parent=Smp_004780.1
SM_V9_2 Liftoff CDS     9345677 9345763 .       +       0
Parent=Smp_004780.1
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SM_V9_2 Liftoff CDS     9346060 9346236 .       +       0
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SM_V9_2 Liftoff CDS     9346270 9346338 .       +       0
Parent=Smp_004780.1
SM_V9_2 Liftoff gene    9361620 9442971 .       -       .
ID=Smp_124720;geneID=Smp_124720
SM_V9_2 Liftoff mRNA    9361620 9442971 .       -       .
ID=Smp_124720.1;Parent=Smp_124720;geneID=Smp_124720;product=Xylogluc
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8;polypeptide_domain=InterPro:IPR008972
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SM_V9_2 Liftoff exon    9363786 9363857 .       -       .
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SM_V9_2 Liftoff exon    9402970 9403411 .       -       .
Parent=Smp_124720.1
SM_V9_2 Liftoff exon    9406920 9407010 .       -       .
Parent=Smp_124720.1
SM_V9_2 Liftoff exon    9429034 9442971 .       -       .
Parent=Smp_124720.1
SM_V9_2 Liftoff CDS     9361791 9362053 .       -       2
Parent=Smp_124720.1
SM_V9_2 Liftoff CDS     9363786 9363857 .       -       2
Parent=Smp_124720.1
SM_V9_2 Liftoff CDS     9402970 9403411 .       -       0
Parent=Smp_124720.1
SM_V9_2 Liftoff CDS     9406920 9407010 .       -       1
Parent=Smp_124720.1
SM_V9_2 Liftoff CDS     9429034 9429194 .       -       0
Parent=Smp_124720.1
SM_V9_2 Liftoff gene    9475476 9486221 .       -       .
ID=Smp_004810;geneID=Smp_004810
SM_V9_2 Liftoff mRNA    9475476 9486221 .       -       .
ID=Smp_004810.1;Parent=Smp_004810;geneID=Smp_004810;product=Serine/
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A;polypeptide_domain=InterPro:IPR004843,IPR006186,IPR029052,IPR03167
5 Pfam:PF00149,PF16891;Ontology_term=GO:0016787
SM_V9_2 Liftoff exon    9475476 9476452 .       -       .
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Parent=Smp_004810.1
SM_V9_2 Liftoff exon    9477869 9478003 .       -       .
Parent=Smp_004810.1
SM_V9_2 Liftoff exon    9478038 9478261 .       -       .
Parent=Smp_004810.1
SM_V9_2 Liftoff exon    9478297 9478401 .       -       .
Parent=Smp_004810.1
SM_V9_2 Liftoff exon    9478436 9478798 .       -       .
Parent=Smp_004810.1
SM_V9_2 Liftoff exon    9486112 9486221 .       -       .
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SM_V9_2 Liftoff CDS     9476351 9476452 .       -       0
Parent=Smp_004810.1
SM_V9_2 Liftoff CDS     9477869 9478003 .       -       0
Parent=Smp_004810.1
SM_V9_2 Liftoff CDS     9478038 9478261 .       -       2
Parent=Smp_004810.1
SM_V9_2 Liftoff CDS     9478297 9478401 .       -       2
Parent=Smp_004810.1
SM_V9_2 Liftoff CDS     9478436 9478798 .       -       2
Parent=Smp_004810.1
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Parent=Smp_004810.1
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ID=Smp_004820;geneID=Smp_004820
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ID=Smp_004820.1;Parent=Smp_004820;geneID=Smp_004820;product=Signal
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Pfam:PF06645;Ontology_term=GO:0005787,GO:0006465,GO:0008233,GO:00160
21
SM_V9_2 Liftoff exon    9495178 9495280 .       +       .
Parent=Smp_004820.1
SM_V9_2 Liftoff exon    9495314 9495373 .       +       .
Parent=Smp_004820.1
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Parent=Smp_004820.1
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Parent=Smp_004820.1
SM_V9_2 Liftoff CDS     9495314 9495373 .       +       0
Parent=Smp_004820.1
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Parent=Smp_004820.1
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ID=Smp_213080;geneID=Smp_213080;gene_name=Smp_213080;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    9498582 9527800 .       -       .
ID=Smp_213080.1;Parent=Smp_213080;geneID=Smp_213080;gene_name=Smp_21
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ied=2022-08-17;Name=Smp_213080.1;product=choline phosphate
cytidylyltransferase;date_creation=2022-08-17
SM_V9_2 iris    exon    9498582 9501878 .       -       .
Parent=Smp_213080.1;Name=11755c8a-0661-4de8-8667-c84949a6cf1f
SM_V9_2 iris    exon    9503434 9503834 .       -       .
Parent=Smp_213080.1;Name=a09e466a-6866-4eda-b0c4-b3679bd1e4ae
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SM_V9_2 iris    exon    9522490 9522572 .       -       .
Parent=Smp_213080.1;Name=696f5a64-63aa-406f-a397-09a07fbd9573
SM_V9_2 iris    exon    9523489 9523640 .       -       .
Parent=Smp_213080.1;Name=3268e216-71f6-4450-bdf0-61d6b03faa3f
SM_V9_2 iris    exon    9523981 9524097 .       -       .
Parent=Smp_213080.1;Name=4cc310c5-861b-4e8f-8b16-ea13496520af
SM_V9_2 iris    exon    9527276 9527800 .       -       .
Parent=Smp_213080.1;Name=4969c929-6fab-472c-9d3f-0dcc95b1ea0d
SM_V9_2 iris    CDS     9501665 9501878 .       -       1
Parent=Smp_213080.1
SM_V9_2 iris    CDS     9503434 9503834 .       -       0
Parent=Smp_213080.1
SM_V9_2 iris    CDS     9517851 9517989 .       -       1
Parent=Smp_213080.1
SM_V9_2 iris    CDS     9522490 9522572 .       -       0
Parent=Smp_213080.1
SM_V9_2 iris    CDS     9523489 9523640 .       -       2
Parent=Smp_213080.1
SM_V9_2 iris    CDS     9523981 9524097 .       -       2
Parent=Smp_213080.1
SM_V9_2 iris    CDS     9527276 9527702 .       -       0
Parent=Smp_213080.1
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ID=Smp_342350;geneID=Smp_342350;previous_systematic_id=Smp_128300
SM_V9_2 Liftoff mRNA    9529395 9548064 .       -       .
ID=Smp_342350.1;Parent=Smp_342350;geneID=Smp_342350;product=Ragulato
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Pfam:PF03259
SM_V9_2 Liftoff exon    9529395 9529643 .       -       .
Parent=Smp_342350.1
SM_V9_2 Liftoff exon    9546651 9548064 .       -       .
Parent=Smp_342350.1
SM_V9_2 Liftoff CDS     9529464 9529643 .       -       0
Parent=Smp_342350.1
SM_V9_2 Liftoff CDS     9546651 9546845 .       -       0
Parent=Smp_342350.1
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ID=Smp_245580;geneID=Smp_245580;previous_systematic_id=Smp_011430,Sm
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SM_V9_2 Liftoff mRNA    9642818 9675652 .       +       .
ID=Smp_245580.1;Parent=Smp_245580;geneID=Smp_245580;product=Protocad
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R020894
Pfam:PF00028,PF08266;Ontology_term=GO:0005509,GO:0005886,GO:0007155,
GO:0007156,GO:0016020
SM_V9_2 Liftoff exon    9642818 9646636 .       +       .
Parent=Smp_245580.1
SM_V9_2 Liftoff exon    9670966 9671068 .       +       .
Parent=Smp_245580.1
SM_V9_2 Liftoff exon    9674711 9675652 .       +       .
Parent=Smp_245580.1
SM_V9_2 Liftoff CDS     9643127 9646636 .       +       0
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Parent=Smp_245580.1
SM_V9_2 Liftoff gene    9786821 9787144 .       +       .
ID=Smp_187950;geneID=Smp_187950
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salt export pump
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Parent=Smp_187950.1
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Parent=Smp_187950.1
SM_V9_2 Liftoff exon    9787126 9787144 .       +       .
Parent=Smp_187950.1
SM_V9_2 Liftoff CDS     9786821 9786968 .       +       0
Parent=Smp_187950.1
SM_V9_2 Liftoff CDS     9787001 9787004 .       +       2
Parent=Smp_187950.1
SM_V9_2 Liftoff CDS     9787126 9787144 .       +       1
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ID=Smp_128280;geneID=Smp_128280;gene_name=Smp_128280;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    9822896 9838111 .       -       .
ID=Smp_128280.1;Parent=Smp_128280;geneID=Smp_128280;gene_name=Smp_12
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ied=2022-08-17;Name=Smp_128280.1;product=NCK-interacting protein
with SH3 domain;date_creation=2022-08-17
SM_V9_2 iris    exon    9822896 9823287 .       -       .
Parent=Smp_128280.1;Name=66af7ef1-6fa8-4d4a-88bf-a8807d4a9b71
SM_V9_2 iris    exon    9824725 9825146 .       -       .
Parent=Smp_128280.1;Name=1156d0bf-cc1a-417f-9ce4-209a6abb031c
SM_V9_2 iris    exon    9827264 9827617 .       -       .
Parent=Smp_128280.1;Name=7b6520c9-276a-4678-8349-9b3f2486c52c
SM_V9_2 iris    exon    9828855 9828935 .       -       .
Parent=Smp_128280.1;Name=40419425-4b3d-4ff3-a745-19d7b35e8ada
SM_V9_2 iris    exon    9830535 9830763 .       -       .
Parent=Smp_128280.1;Name=72aed605-cddc-4889-a2cb-2cf6000cfdbb
SM_V9_2 iris    exon    9831669 9831845 .       -       .
Parent=Smp_128280.1;Name=c9c20b5e-acbc-4f29-a16a-a5a23e349f79
SM_V9_2 iris    exon    9834796 9834977 .       -       .
Parent=Smp_128280.1;Name=af885279-d98d-4f09-9252-38589d83444b
SM_V9_2 iris    exon    9837557 9837669 .       -       .
Parent=Smp_128280.1;Name=3c81e902-8e8f-4fa5-930f-154907b15073
SM_V9_2 iris    exon    9837701 9837801 .       -       .
Parent=Smp_128280.1;Name=4b890a5f-0b14-4985-80c5-44decc5261b8
SM_V9_2 iris    exon    9837838 9838111 .       -       .
Parent=Smp_128280.1;Name=0df808d7-af59-48a9-97a0-a7bb7eaf87ee
SM_V9_2 iris    CDS     9823084 9823287 .       -       0
Parent=Smp_128280.1
SM_V9_2 iris    CDS     9824725 9825146 .       -       2
Parent=Smp_128280.1
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SM_V9_2 iris    CDS     9827264 9827617 .       -       2
Parent=Smp_128280.1
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SM_V9_2 iris    CDS     9830535 9830763 .       -       0
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SM_V9_2 iris    CDS     9831669 9831845 .       -       0
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SM_V9_2 iris    CDS     9834796 9834977 .       -       2
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SM_V9_2 iris    CDS     9837557 9837669 .       -       1
Parent=Smp_128280.1
SM_V9_2 iris    CDS     9837701 9837801 .       -       0
Parent=Smp_128280.1
SM_V9_2 iris    CDS     9837838 9838005 .       -       0
Parent=Smp_128280.1
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ID=Smp_310510;geneID=Smp_310510;previous_systematic_id=Smp_128250,Sm
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ID=Smp_310510.1;Parent=Smp_310510;geneID=Smp_310510;product=Hypothet
ical protein
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Parent=Smp_310510.1
SM_V9_2 Liftoff exon    9945785 9945915 .       +       .
Parent=Smp_310510.1
SM_V9_2 Liftoff exon    9978388 9978563 .       +       .
Parent=Smp_310510.1
SM_V9_2 Liftoff exon    9984558 9984732 .       +       .
Parent=Smp_310510.1
SM_V9_2 Liftoff exon    10001013        10001349        .       +
        .       Parent=Smp_310510.1
SM_V9_2 Liftoff exon    10003176        10003292        .       +
        .       Parent=Smp_310510.1
SM_V9_2 Liftoff exon    10004311        10004768        .       +
        .       Parent=Smp_310510.1
SM_V9_2 Liftoff exon    10005929        10006139        .       +
        .       Parent=Smp_310510.1
SM_V9_2 Liftoff exon    10007212        10007427        .       +
        .       Parent=Smp_310510.1
SM_V9_2 Liftoff exon    10008680        10008724        .       +
        .       Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     9849984 9850440 .       +       0
Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     9945785 9945915 .       +       2
Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     9978388 9978563 .       +       0
Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     9984558 9984732 .       +       1
Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     10001013        10001349        .       +
        0       Parent=Smp_310510.1
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SM_V9_2 Liftoff CDS     10003176        10003292        .       +
        2       Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     10004311        10004768        .       +
        2       Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     10005929        10006139        .       +
        0       Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     10007212        10007427        .       +
        2       Parent=Smp_310510.1
SM_V9_2 Liftoff CDS     10008680        10008693        .       +
        2       Parent=Smp_310510.1
SM_V9_2 Liftoff mRNA    9849365 10008724        .       +       .

ID=Smp_310510.2;Parent=Smp_310510;geneID=Smp_310510;product=Hypothet
ical protein
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Parent=Smp_310510.2
SM_V9_2 Liftoff exon    9945785 9945915 .       +       .
Parent=Smp_310510.2
SM_V9_2 Liftoff exon    9978388 9978563 .       +       .
Parent=Smp_310510.2
SM_V9_2 Liftoff exon    9984558 9984732 .       +       .
Parent=Smp_310510.2
SM_V9_2 Liftoff exon    9994714 9994740 .       +       .
Parent=Smp_310510.2
SM_V9_2 Liftoff exon    10001013        10001349        .       +
        .       Parent=Smp_310510.2
SM_V9_2 Liftoff exon    10003176        10003292        .       +
        .       Parent=Smp_310510.2
SM_V9_2 Liftoff exon    10004311        10004768        .       +
        .       Parent=Smp_310510.2
SM_V9_2 Liftoff exon    10005929        10006139        .       +
        .       Parent=Smp_310510.2
SM_V9_2 Liftoff exon    10007212        10007427        .       +
        .       Parent=Smp_310510.2
SM_V9_2 Liftoff exon    10008680        10008724        .       +
        .       Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     9849984 9850440 .       +       0
Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     9945785 9945915 .       +       2
Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     9978388 9978563 .       +       0
Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     9984558 9984732 .       +       1
Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     9994714 9994740 .       +       0
Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     10001013        10001349        .       +
        0       Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     10003176        10003292        .       +
        2       Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     10004311        10004768        .       +
        2       Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     10005929        10006139        .       +
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SM_V9_2 Liftoff CDS     10007212        10007427        .       +
        2       Parent=Smp_310510.2
SM_V9_2 Liftoff CDS     10008680        10008693        .       +
        2       Parent=Smp_310510.2
SM_V9_2 Liftoff gene    10027815        10098530        .       +
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ID=Smp_310520;geneID=Smp_310520;previous_systematic_id=Smp_128250
SM_V9_2 Liftoff mRNA    10027815        10098530        .       +
        .
ID=Smp_310520.1;Parent=Smp_310520;geneID=Smp_310520;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    10027815        10028890        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10047042        10047437        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10048802        10049127        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10055781        10056029        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10063093        10063525        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10065122        10065405        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10089572        10089749        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10093849        10094143        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10095257        10095570        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff exon    10097257        10098530        .       +
        .       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10028255        10028890        .       +
        0       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10047042        10047437        .       +
        0       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10048802        10049127        .       +
        0       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10055781        10056029        .       +
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SM_V9_2 Liftoff CDS     10063093        10063525        .       +
        1       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10065122        10065405        .       +
        0       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10089572        10089749        .       +
        1       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10093849        10094143        .       +
        0       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10095257        10095570        .       +
        2       Parent=Smp_310520.1
SM_V9_2 Liftoff CDS     10097257        10097349        .       +
        0       Parent=Smp_310520.1
SM_V9_2 Liftoff gene    10100008        10143911        .       -
        .       ID=Smp_128230;geneID=Smp_128230
SM_V9_2 Liftoff mRNA    10100008        10143911        .       -
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Pfam:PF00008,PF01414;Ontology_term=GO:0007154,GO:0016020
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SM_V9_2 Liftoff exon    10104815        10104918        .       -
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SM_V9_2 Liftoff exon    10105864        10106213        .       -
        .       Parent=Smp_128230.1
SM_V9_2 Liftoff exon    10107024        10107146        .       -
        .       Parent=Smp_128230.1
SM_V9_2 Liftoff exon    10109269        10109393        .       -
        .       Parent=Smp_128230.1
SM_V9_2 Liftoff exon    10112219        10112379        .       -
        .       Parent=Smp_128230.1
SM_V9_2 Liftoff exon    10113502        10113613        .       -
        .       Parent=Smp_128230.1
SM_V9_2 Liftoff exon    10124265        10124416        .       -
        .       Parent=Smp_128230.1
SM_V9_2 Liftoff exon    10137967        10143911        .       -
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SM_V9_2 Liftoff CDS     10100269        10100890        .       -
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SM_V9_2 Liftoff CDS     10105864        10106213        .       -
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SM_V9_2 Liftoff CDS     10107024        10107146        .       -
        2       Parent=Smp_128230.1
SM_V9_2 Liftoff CDS     10109269        10109393        .       -
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SM_V9_2 Liftoff CDS     10112219        10112379        .       -
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SM_V9_2 Liftoff CDS     10113502        10113613        .       -
        1       Parent=Smp_128230.1
SM_V9_2 Liftoff CDS     10124265        10124416        .       -
        0       Parent=Smp_128230.1
SM_V9_2 Liftoff CDS     10137967        10138059        .       -
        0       Parent=Smp_128230.1
SM_V9_2 Liftoff gene    10151605        10169940        .       +
        .       ID=Smp_128220;geneID=Smp_128220
SM_V9_2 Liftoff mRNA    10151605        10169940        .       +
        .
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ic locus notch homolog protein
3;polypeptide_domain=InterPro:IPR000742,IPR001774,IPR013032
Pfam:PF01414;Ontology_term=GO:0007154,GO:0016020
SM_V9_2 Liftoff exon    10151605        10151849        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff exon    10154121        10154272        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff exon    10156402        10156492        .       +
        .       Parent=Smp_128220.1
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SM_V9_2 Liftoff exon    10159298        10159449        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff exon    10161560        10161684        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff exon    10163767        10163889        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff exon    10164941        10165305        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff exon    10166654        10166757        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff exon    10169178        10169940        .       +
        .       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10151751        10151849        .       +
        0       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10154121        10154272        .       +
        0       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10156402        10156492        .       +
        1       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10159298        10159449        .       +
        0       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10161560        10161684        .       +
        1       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10163767        10163889        .       +
        2       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10164941        10165305        .       +
        2       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10166654        10166757        .       +
        0       Parent=Smp_128220.1
SM_V9_2 Liftoff CDS     10169178        10169565        .       +
        1       Parent=Smp_128220.1
SM_V9_2 Liftoff gene    10177845        10222373        .       +
        .       ID=Smp_128210;geneID=Smp_128210
SM_V9_2 Liftoff mRNA    10177845        10222373        .       +
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ID=Smp_128210.1;Parent=Smp_128210;geneID=Smp_128210;product=Claspin
SM_V9_2 Liftoff exon    10177845        10179703        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10181304        10181474        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10181509        10181629        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10181673        10181796        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10182092        10182378        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10182834        10182961        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10184189        10184407        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10186690        10187070        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10193778        10193871        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10195207        10195314        .       +
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        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10196516        10196574        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10197247        10197349        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10197670        10197729        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10198343        10198459        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10204100        10204213        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10204599        10204715        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10207853        10207966        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10208420        10208521        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10209226        10209336        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10209896        10210003        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10211321        10211364        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10211803        10211935        .       +
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SM_V9_2 Liftoff exon    10211984        10212275        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10212475        10212721        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10214614        10214692        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10215424        10215719        .       +
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SM_V9_2 Liftoff exon    10216348        10216438        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10219831        10220063        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10220864        10221136        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff exon    10222098        10222373        .       +
        .       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10179605        10179703        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10181304        10181474        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10181509        10181629        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10181673        10181796        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10182092        10182378        .       +
        1       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10182834        10182961        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10184189        10184407        .       +
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        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10186690        10187070        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10193778        10193871        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10195207        10195314        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10196516        10196574        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10197247        10197349        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10197670        10197729        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10198343        10198459        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10204100        10204213        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10204599        10204715        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10207853        10207966        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10208420        10208521        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10209226        10209336        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10209896        10210003        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10211321        10211364        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10211803        10211935        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10211984        10212275        .       +
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SM_V9_2 Liftoff CDS     10212475        10212721        .       +
        1       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10214614        10214692        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10215424        10215719        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10216348        10216438        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10219831        10220063        .       +
        2       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10220864        10221136        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff CDS     10222098        10222199        .       +
        0       Parent=Smp_128210.1
SM_V9_2 Liftoff mRNA    10177845        10222373        .       +
        .
ID=Smp_128210.2;Parent=Smp_128210;geneID=Smp_128210;product=Claspin
SM_V9_2 Liftoff exon    10177845        10179703        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10181304        10181474        .       +
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SM_V9_2 Liftoff exon    10181509        10181629        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10181673        10181796        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10182092        10182378        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10182834        10182961        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10184189        10184407        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10186690        10187070        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10193778        10193871        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10195207        10195314        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10196516        10196574        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10197247        10197349        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10197670        10197729        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10198343        10198459        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10204100        10204201        .       +
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SM_V9_2 Liftoff exon    10207853        10207966        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10208420        10208521        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10209226        10209336        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10209896        10210003        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10211321        10211364        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10211803        10211935        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10211984        10212275        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10212475        10212721        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10214614        10214692        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10215424        10215719        .       +
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SM_V9_2 Liftoff exon    10216348        10216438        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10219831        10220063        .       +
        .       Parent=Smp_128210.2
SM_V9_2 Liftoff exon    10220864        10221136        .       +
        .       Parent=Smp_128210.2
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SM_V9_2 Liftoff exon    10222098        10222373        .       +
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        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10181304        10181474        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10181509        10181629        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10181673        10181796        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10182092        10182378        .       +
        1       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10182834        10182961        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10184189        10184407        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10186690        10187070        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10193778        10193871        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10195207        10195314        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10196516        10196574        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10197247        10197349        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10197670        10197729        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10198343        10198459        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10204100        10204201        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10204599        10204715        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10207853        10207966        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10208420        10208521        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10209226        10209336        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10209896        10210003        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10211321        10211364        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10211803        10211935        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10211984        10212275        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10212475        10212721        .       +
        1       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10214614        10214692        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10215424        10215719        .       +
        2       Parent=Smp_128210.2
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SM_V9_2 Liftoff CDS     10216348        10216438        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10219831        10220063        .       +
        2       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10220864        10221136        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff CDS     10222098        10222199        .       +
        0       Parent=Smp_128210.2
SM_V9_2 Liftoff gene    10223159        10237691        .       -
        .       ID=Smp_128200;geneID=Smp_128200
SM_V9_2 Liftoff mRNA    10223159        10237691        .       -
        .
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KIF23;polypeptide_domain=InterPro:IPR001752,IPR019821,IPR027417,IPR0
32384
Pfam:PF00225,PF16540;Ontology_term=GO:0003777,GO:0005524,GO:0007018,
GO:0008017
SM_V9_2 Liftoff exon    10223159        10223383        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10224986        10225237        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10226070        10226161        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10226822        10227211        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10229610        10230050        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10230131        10230298        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10231495        10231730        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10232399        10232501        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10236347        10236468        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10236657        10236769        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10236804        10236962        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10236993        10237096        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10237129        10237265        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10237301        10237406        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff exon    10237445        10237691        .       -
        .       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10223368        10223383        .       -
        1       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10224986        10225237        .       -
        1       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10226070        10226161        .       -
        0       Parent=Smp_128200.1
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SM_V9_2 Liftoff CDS     10226822        10227211        .       -
        0       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10229610        10230050        .       -
        0       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10230131        10230298        .       -
        0       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10231495        10231730        .       -
        2       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10232399        10232501        .       -
        0       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10236347        10236468        .       -
        2       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10236657        10236769        .       -
        1       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10236804        10236962        .       -
        1       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10236993        10237096        .       -
        0       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10237129        10237265        .       -
        2       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10237301        10237406        .       -
        0       Parent=Smp_128200.1
SM_V9_2 Liftoff CDS     10237445        10237609        .       -
        0       Parent=Smp_128200.1
SM_V9_2 iris    gene    10249522        10294940        .       +
        .
ID=Smp_128190;geneID=Smp_128190;gene_name=Smp_128190;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_2 iris    mRNA    10249522        10294940        .       +
        .
ID=Smp_128190.1;Parent=Smp_128190;geneID=Smp_128190;gene_name=Smp_12
8190;owner=irisadmin@local.host;orig_id=Smp_128190.1;date_last_modif
ied=2022-08-15;Name=Smp_128190.1;product=Phage-like element PBSX
protein XkdC;date_creation=2022-08-15
SM_V9_2 iris    exon    10249522        10249836        .       +
        .       Parent=Smp_128190.1;Name=d3dc62a4-1a41-4d8c-
b345-47eacb414d8d
SM_V9_2 iris    exon    10249870        10250052        .       +
        .       Parent=Smp_128190.1;Name=b462c662-7031-4e7c-
b7a0-34a2a6c27ac6
SM_V9_2 iris    exon    10250964        10251118        .       +
        .       Parent=Smp_128190.1;Name=b507f734-9254-4c73-
b516-3eb7a4471ca9
SM_V9_2 iris    exon    10254589        10254784        .       +
        .       Parent=Smp_128190.1;Name=78352689-5d7a-49da-9587-
dc063c3ccd29
SM_V9_2 iris    exon    10255766        10256088        .       +
        .       Parent=Smp_128190.1;Name=68356564-5691-4599-b8fe-
cbf03547695c
SM_V9_2 iris    exon    10258330        10258547        .       +
        .
Parent=Smp_128190.1;Name=2955af84-3adc-4437-8336-0e4be554a053
SM_V9_2 iris    exon    10259716        10260222        .       +
        .       Parent=Smp_128190.1;Name=427ad97f-
```

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f407-4484-9cda-9933fbd97cff
SM_V9_2 iris    exon    10263349        10263676        .       +
        .       Parent=Smp_128190.1;Name=cf2a625a-
e608-4b70-8c0d-96f91f46ea47
SM_V9_2 iris    exon    10266446        10266805        .       +
        .       Parent=Smp_128190.1;Name=60ea2792-7d4d-4559-aff4-
f7e78a204761
SM_V9_2 iris    exon    10269099        10269774        .       +
        .
Parent=Smp_128190.1;Name=ad7cf8f5-61d3-476e-874d-4a9a81545774
SM_V9_2 iris    exon    10271910        10272264        .       +
        .       Parent=Smp_128190.1;Name=c7fa2795-d11a-4754-a336-
bf8603f2cbf9
SM_V9_2 iris    exon    10273394        10273436        .       +
        .       Parent=Smp_128190.1;Name=7a74306b-6e67-4dc0-82de-
eab6618b5d69
SM_V9_2 iris    exon    10275579        10275700        .       +
        .       Parent=Smp_128190.1;Name=fac5200a-6ddb-40a3-8fee-
f294515e5b24
SM_V9_2 iris    exon    10277587        10277830        .       +
        .       Parent=Smp_128190.1;Name=6e70e95e-6ca6-44e7-
b8be-567289452554
SM_V9_2 iris    exon    10280496        10280673        .       +
        .       Parent=Smp_128190.1;Name=e9f6c52c-0777-4804-
b77a-8f4dc47bc7a9
SM_V9_2 iris    exon    10282803        10282973        .       +
        .       Parent=Smp_128190.1;Name=99cf5ec0-0511-4f64-8dff-
d39f9b973980
SM_V9_2 iris    exon    10286499        10286995        .       +
        .       Parent=Smp_128190.1;Name=42a94ad0-3497-42c7-bed6-
dbe375526cea
SM_V9_2 iris    exon    10289291        10289566        .       +
        .       Parent=Smp_128190.1;Name=22534c39-b6fc-4274-
b6e9-71af3d0d2566
SM_V9_2 iris    exon    10290274        10290506        .       +
        .
Parent=Smp_128190.1;Name=6ede8f7b-263d-457d-82ba-1d4be4781e8b
SM_V9_2 iris    exon    10294709        10294940        .       +
        .       Parent=Smp_128190.1;Name=c50e3218-a504-487a-a4d7-
e7402ee958af
SM_V9_2 iris    CDS     10249547        10249836        .       +
        0       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10249870        10250052        .       +
        1       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10250964        10251118        .       +
        1       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10254589        10254784        .       +
        2       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10255766        10256088        .       +
        1       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10258330        10258547        .       +
        2       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10259716        10260222        .       +
        0       Parent=Smp_128190.1
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SM_V9_2 iris    CDS     10263349        10263676        .       +
        0       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10266446        10266805        .       +
        2       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10269099        10269774        .       +
        2       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10271910        10272264        .       +
        1       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10273394        10273436        .       +
        0       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10275579        10275700        .       +
        2       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10277587        10277830        .       +
        0       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10280496        10280673        .       +
        2       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10282803        10282973        .       +
        1       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10286499        10286995        .       +
        1       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10289291        10289566        .       +
        2       Parent=Smp_128190.1
SM_V9_2 iris    CDS     10290274        10290449        .       +
        2       Parent=Smp_128190.1
SM_V9_2 Liftoff gene    10301642        10310518        .       -
        .
ID=Smp_011270;geneID=Smp_011270;previous_systematic_id=Smp_128180
SM_V9_2 Liftoff mRNA    10301642        10310518        .       -
        .
ID=Smp_011270.2;Parent=Smp_011270;geneID=Smp_011270;product=Alanine-
-tRNA ligase
SM_V9_2 Liftoff exon    10301642        10302047        .       -
        .       Parent=Smp_011270.2
SM_V9_2 Liftoff exon    10307097        10307231        .       -
        .       Parent=Smp_011270.2
SM_V9_2 Liftoff exon    10309107        10309427        .       -
        .       Parent=Smp_011270.2
SM_V9_2 Liftoff exon    10309533        10309702        .       -
        .       Parent=Smp_011270.2
SM_V9_2 Liftoff exon    10310312        10310518        .       -
        .       Parent=Smp_011270.2
SM_V9_2 Liftoff CDS     10302000        10302047        .       -
        0       Parent=Smp_011270.2
SM_V9_2 Liftoff CDS     10307097        10307231        .       -
        0       Parent=Smp_011270.2
SM_V9_2 Liftoff CDS     10309107        10309427        .       -
        0       Parent=Smp_011270.2
SM_V9_2 Liftoff CDS     10309533        10309702        .       -
        2       Parent=Smp_011270.2
SM_V9_2 Liftoff CDS     10310312        10310477        .       -
        0       Parent=Smp_011270.2
SM_V9_2 Liftoff mRNA    10301683        10310518        .       -
        .
ID=Smp_011270.1;Parent=Smp_011270;geneID=Smp_011270;product=Alanine-
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-tRNA ligase
SM_V9_2 Liftoff exon    10301683        10302047        .       -
        .       Parent=Smp_011270.1
SM_V9_2 Liftoff exon    10305032        10305047        .       -
        .       Parent=Smp_011270.1
SM_V9_2 Liftoff exon    10307097        10307231        .       -
        .       Parent=Smp_011270.1
SM_V9_2 Liftoff exon    10309107        10309427        .       -
        .       Parent=Smp_011270.1
SM_V9_2 Liftoff exon    10309533        10309702        .       -
        .       Parent=Smp_011270.1
SM_V9_2 Liftoff exon    10310312        10310518        .       -
        .       Parent=Smp_011270.1
SM_V9_2 Liftoff CDS     10302037        10302047        .       -
        2       Parent=Smp_011270.1
SM_V9_2 Liftoff CDS     10305032        10305047        .       -
        0       Parent=Smp_011270.1
SM_V9_2 Liftoff CDS     10307097        10307231        .       -
        0       Parent=Smp_011270.1
SM_V9_2 Liftoff CDS     10309107        10309427        .       -
        0       Parent=Smp_011270.1
SM_V9_2 Liftoff CDS     10309533        10309702        .       -
        2       Parent=Smp_011270.1
SM_V9_2 Liftoff CDS     10310312        10310477        .       -
        0       Parent=Smp_011270.1
SM_V9_2 Liftoff gene    10318422        10326229        .       +
        .       ID=Smp_128170;geneID=Smp_128170
SM_V9_2 Liftoff mRNA    10318422        10326229        .       +
        .
ID=Smp_128170.1;Parent=Smp_128170;geneID=Smp_128170;product=FMRFamid
e receptor
SM_V9_2 Liftoff exon    10318422        10318685        .       +
        .       Parent=Smp_128170.1
SM_V9_2 Liftoff exon    10320842        10321307        .       +
        .       Parent=Smp_128170.1
SM_V9_2 Liftoff exon    10323009        10323238        .       +
        .       Parent=Smp_128170.1
SM_V9_2 Liftoff exon    10324971        10326229        .       +
        .       Parent=Smp_128170.1
SM_V9_2 Liftoff CDS     10318459        10318685        .       +
        0       Parent=Smp_128170.1
SM_V9_2 Liftoff CDS     10320842        10321307        .       +
        1       Parent=Smp_128170.1
SM_V9_2 Liftoff CDS     10323009        10323238        .       +
        0       Parent=Smp_128170.1
SM_V9_2 Liftoff CDS     10324971        10325793        .       +
        1       Parent=Smp_128170.1
SM_V9_2 iris    gene    10328438        10341166        .       -
        .
ID=Smp_128160;geneID=Smp_128160;gene_name=Smp_128160;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_2 iris    mRNA    10328438        10341166        .       -
        .
ID=Smp_128160.1;Parent=Smp_128160;geneID=Smp_128160;gene_name=Smp_12
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8160;owner=irisadmin@local.host;orig_id=Smp_128160.1;date_last_modif
ied=2022-07-23;Name=Smp_128160.1;product=CST complex subunit
STN1;date_creation=2022-07-23
SM_V9_2 iris    exon    10328438        10328709        .       -
        .       Parent=Smp_128160.1;Name=5fee80f3-90ac-4133-
affb-652e0c3f85d1
SM_V9_2 iris    exon    10330449        10330506        .       -
        .       Parent=Smp_128160.1;Name=d96c27c7-1cc4-42f9-8854-
aaa6a18ab3e9
SM_V9_2 iris    exon    10332281        10332481        .       -
        .
Parent=Smp_128160.1;Name=4d0397b2-8d0f-41dd-9c55-6d0c5361ac65
SM_V9_2 iris    exon    10334674        10334814        .       -
        .       Parent=Smp_128160.1;Name=85e894b6-0a19-4c92-ab46-
ea30d6bf8e08
SM_V9_2 iris    exon    10335649        10335773        .       -
        .       Parent=Smp_128160.1;Name=985c8b1a-5333-43e1-a304-
ac53b32527b6
SM_V9_2 iris    exon    10336535        10336798        .       -
        .       Parent=Smp_128160.1;Name=36ac505f-7711-4282-
b2b7-6df2feed4ea7
SM_V9_2 iris    exon    10338015        10338110        .       -
        .       Parent=Smp_128160.1;Name=cc4e5107-4523-4983-
be76-825f464fc148
SM_V9_2 iris    exon    10340999        10341166        .       -
        .
Parent=Smp_128160.1;Name=ab37c406-5d20-4434-812e-2f7cfffb52e4
SM_V9_2 iris    CDS     10328534        10328709        .       -
        2       Parent=Smp_128160.1
SM_V9_2 iris    CDS     10330449        10330506        .       -
        0       Parent=Smp_128160.1
SM_V9_2 iris    CDS     10332281        10332481        .       -
        0       Parent=Smp_128160.1
SM_V9_2 iris    CDS     10334674        10334814        .       -
        0       Parent=Smp_128160.1
SM_V9_2 iris    CDS     10335649        10335773        .       -
        2       Parent=Smp_128160.1
SM_V9_2 iris    CDS     10336535        10336798        .       -
        2       Parent=Smp_128160.1
SM_V9_2 iris    CDS     10338015        10338110        .       -
        2       Parent=Smp_128160.1
SM_V9_2 iris    CDS     10340999        10341164        .       -
        0       Parent=Smp_128160.1
SM_V9_2 iris    gene    10345722        10354455        .       +
        .
ID=Smp_011230;geneID=Smp_011230;gene_name=Smp_011230;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_2 iris    mRNA    10345722        10354455        .       +
        .
ID=Smp_011230.1;Parent=Smp_011230;geneID=Smp_011230;gene_name=Smp_01
1230;owner=irisadmin@local.host;orig_id=Smp_011230.2;date_last_modif
ied=2022-07-23;Name=Smp_011230.1;product=GPI-anchor
transamidase;date_creation=2022-07-23
SM_V9_2 iris    exon    10345722        10345875        .       +
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        .
Parent=Smp_011230.1;Name=25f643e1-77b6-48d7-8d42-288e47e14c80
SM_V9_2 iris    exon    10345913        10346055        .       +
        .       Parent=Smp_011230.1;Name=7a59f054-13aa-43ea-
ac00-4e1fe0202d80
SM_V9_2 iris    exon    10346094        10346152        .       +
        .       Parent=Smp_011230.1;Name=b5a5e410-9e86-47b0-
a41c-7d13599a892c
SM_V9_2 iris    exon    10346185        10346373        .       +
        .       Parent=Smp_011230.1;Name=9dce615a-5d35-4689-a162-
f6be8d875531
SM_V9_2 iris    exon    10346406        10346502        .       +
        .       Parent=Smp_011230.1;Name=e47f2c10-
e2f3-42d3-96cb-6c1e7d47a8f0
SM_V9_2 iris    exon    10348921        10349038        .       +
        .       Parent=Smp_011230.1;Name=cf19a079-ab64-43b2-a3cb-
b913095ca40e
SM_V9_2 iris    exon    10350447        10350557        .       +
        .
Parent=Smp_011230.1;Name=eaa60ed1-13fd-4e4f-956c-529e03a514c7
SM_V9_2 iris    exon    10351756        10351928        .       +
        .       Parent=Smp_011230.1;Name=5cc7cbda-3da2-44d5-
ab47-5e8f14dd1970
SM_V9_2 iris    exon    10354208        10354455        .       +
        .       Parent=Smp_011230.1;Name=2b86b7ed-8a88-4128-
a54a-8150c2008610
SM_V9_2 iris    CDS     10345825        10345875        .       +
        0       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10345913        10346055        .       +
        0       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10346094        10346152        .       +
        1       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10346185        10346373        .       +
        2       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10346406        10346502        .       +
        2       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10348921        10349038        .       +
        1       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10350447        10350557        .       +
        0       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10351756        10351928        .       +
        0       Parent=Smp_011230.1
SM_V9_2 iris    CDS     10354208        10354220        .       +
        1       Parent=Smp_011230.1
SM_V9_2 iris    gene    10363562        10400378        .       +
        .
ID=Smp_011220;geneID=Smp_011220;gene_name=Smp_011220;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_2 iris    mRNA    10363562        10400378        .       +
        .
ID=Smp_011220.1;Parent=Smp_011220;geneID=Smp_011220;gene_name=Smp_01
1220;owner=irisadmin@local.host;orig_id=Smp_011220.1;date_last_modif
ied=2022-07-23;Name=Smp_011220.1;product=Rab-3A-interacting
protein;date_creation=2022-07-23
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SM_V9_2 iris    exon    10363562        10363677        .       +
        .       Parent=Smp_011220.1;Name=a5fb7b3b-74e7-4b9a-
a69b-87f0cd3c58c7
SM_V9_2 iris    exon    10380850        10380990        .       +
        .       Parent=Smp_011220.1;Name=f9291acc-00f8-441c-8466-
fada2568141c
SM_V9_2 iris    exon    10382781        10382849        .       +
        .       Parent=Smp_011220.1;Name=ca15f430-1c31-4892-a2b7-
d84511cc4a31
SM_V9_2 iris    exon    10385290        10385387        .       +
        .       Parent=Smp_011220.1;Name=3c6d34de-e80c-4fe5-950b-
ba13a71ba254
SM_V9_2 iris    exon    10392203        10392395        .       +
        .       Parent=Smp_011220.1;Name=cb55a897-846b-4bea-b715-
bfcb117a35f0
SM_V9_2 iris    exon    10396129        10396962        .       +
        .
Parent=Smp_011220.1;Name=7c88f0c5-3a86-447e-8cdb-59245c47e4e6
SM_V9_2 iris    exon    10399400        10400378        .       +
        .       Parent=Smp_011220.1;Name=9fcf3ea9-e6d1-4973-bc3c-
e68ee1048771
SM_V9_2 iris    CDS     10363651        10363677        .       +
        0       Parent=Smp_011220.1
SM_V9_2 iris    CDS     10380850        10380990        .       +
        0       Parent=Smp_011220.1
SM_V9_2 iris    CDS     10382781        10382849        .       +
        0       Parent=Smp_011220.1
SM_V9_2 iris    CDS     10385290        10385387        .       +
        0       Parent=Smp_011220.1
SM_V9_2 iris    CDS     10392203        10392395        .       +
        1       Parent=Smp_011220.1
SM_V9_2 iris    CDS     10396129        10396962        .       +
        0       Parent=Smp_011220.1
SM_V9_2 iris    CDS     10399400        10399687        .       +
        0       Parent=Smp_011220.1
SM_V9_2 iris    gene    10402985        10451728        .       -
        .
ID=Smp_128150;geneID=Smp_128150;gene_name=Smp_128150;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_2 iris    mRNA    10402985        10451728        .       -
        .
ID=Smp_128150.1;Parent=Smp_128150;geneID=Smp_128150;gene_name=Smp_12
8150;owner=irisadmin@local.host;orig_id=Smp_128150.1;date_last_modif
ied=2022-07-23;Name=Smp_128150.1;product=Oxysterol-binding protein
2;date_creation=2022-07-23
SM_V9_2 iris    exon    10402985        10404965        .       -
        .       Parent=Smp_128150.1;Name=fdef7ce4-25aa-470e-961e-
bbfcf10afeea
SM_V9_2 iris    exon    10406136        10406328        .       -
        .       Parent=Smp_128150.1;Name=6c5b7c9e-f733-4432-
ae5c-63c6d1d88da4
SM_V9_2 iris    exon    10409461        10409622        .       -
        .
Parent=Smp_128150.1;Name=f20aabf7-1f21-4795-8bdd-698aa169c5f2
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SM_V9_2 iris    exon    10410764        10410960        .       -
        .       Parent=Smp_128150.1;Name=78eb4b78-1bd7-4e11-84e1-
df81d80e694d
SM_V9_2 iris    exon    10422192        10422315        .       -
        .       Parent=Smp_128150.1;Name=93f5fb4f-7d5c-49c2-
a975-8c9bcd8fcdeb
SM_V9_2 iris    exon    10425077        10425322        .       -
        .       Parent=Smp_128150.1;Name=04c311fb-a2fb-43b3-
b1b0-3d55a513872f
SM_V9_2 iris    exon    10426214        10426396        .       -
        .       Parent=Smp_128150.1;Name=39e2077d-a843-416f-
b947-8cd6d2b735bd
SM_V9_2 iris    exon    10428679        10429001        .       -
        .       Parent=Smp_128150.1;Name=ab437d18-7a6b-4952-
ba7b-249758bf1d81
SM_V9_2 iris    exon    10442068        10442269        .       -
        .       Parent=Smp_128150.1;Name=9958732d-3b28-4d02-
a4bc-5df9510fd8f7
SM_V9_2 iris    exon    10448425        10449098        .       -
        .       Parent=Smp_128150.1;Name=03208d3a-
db73-4e1c-8255-920d51b01722
SM_V9_2 iris    exon    10450946        10451151        .       -
        .       Parent=Smp_128150.1;Name=af7da9d6-edab-4176-9b4d-
b29e198ce507
SM_V9_2 iris    exon    10451186        10451728        .       -
        .       Parent=Smp_128150.1;Name=be1b062f-cf0e-46e7-
a788-6fbdffbf193e
SM_V9_2 iris    CDS     10404823        10404965        .       -
        2       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10406136        10406328        .       -
        0       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10409461        10409622        .       -
        0       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10410764        10410960        .       -
        2       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10422192        10422315        .       -
        0       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10425077        10425322        .       -
        0       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10426214        10426396        .       -
        0       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10428679        10429001        .       -
        2       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10442068        10442269        .       -
        0       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10448425        10449098        .       -
        2       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10450946        10451151        .       -
        1       Parent=Smp_128150.1
SM_V9_2 iris    CDS     10451186        10451295        .       -
        0       Parent=Smp_128150.1
SM_V9_2 iris    gene    10461147        10487426        .       +
        .
ID=Smp_245570;geneID=Smp_245570;gene_name=Smp_245570;owner=irisadmin
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_2 iris    mRNA    10461147        10487426        .       +
        .
ID=Smp_245570.1;Parent=Smp_245570;geneID=Smp_245570;gene_name=Smp_24
5570;owner=irisadmin@local.host;orig_id=Smp_245570.1;date_last_modif
ied=2022-07-23;Name=Smp_245570.1;product=Probable ATP-dependent DNA
helicase HFM1;date_creation=2022-07-23
SM_V9_2 iris    exon    10461147        10461459        .       +
        .
Parent=Smp_245570.1;Name=a5c8d0ae-2cf1-4dc4-9747-75b8aa44e046
SM_V9_2 iris    exon    10461489        10461627        .       +
        .       Parent=Smp_245570.1;Name=a6fcb576-1718-418a-9f2d-
a9006f8d0908
SM_V9_2 iris    exon    10461661        10461812        .       +
        .
Parent=Smp_245570.1;Name=279a2f75-8471-4969-9a98-9fcf26522d2c
SM_V9_2 iris    exon    10461855        10461935        .       +
        .       Parent=Smp_245570.1;Name=8537970c-2902-4a4c-a218-
db07c5b8a67a
SM_V9_2 iris    exon    10461969        10462088        .       +
        .       Parent=Smp_245570.1;Name=72faed12-f58a-4d62-8e35-
f9aeebb533ec
SM_V9_2 iris    exon    10462129        10462175        .       +
        .
Parent=Smp_245570.1;Name=98975ec9-3464-46fc-9199-9ededf00f3cc
SM_V9_2 iris    exon    10462208        10462361        .       +
        .       Parent=Smp_245570.1;Name=8eb91b0e-6f90-469e-
b9be-16a2d7ad7e27
SM_V9_2 iris    exon    10462395        10462527        .       +
        .       Parent=Smp_245570.1;Name=883716d7-5e8f-43fc-
ac35-60ad33cee027
SM_V9_2 iris    exon    10465386        10465487        .       +
        .       Parent=Smp_245570.1;Name=c2dbf35e-1eee-4e13-b223-
bf41cad09c33
SM_V9_2 iris    exon    10465535        10465680        .       +
        .       Parent=Smp_245570.1;Name=9458a983-5da9-42d2-
b90f-089923e41c74
SM_V9_2 iris    exon    10466540        10466587        .       +
        .       Parent=Smp_245570.1;Name=477b2253-
ef6b-4961-9ac8-5b6d18166026
SM_V9_2 iris    exon    10466627        10466673        .       +
        .       Parent=Smp_245570.1;Name=1e7075ad-
c667-4c96-9a50-00381752b8de
SM_V9_2 iris    exon    10466909        10467042        .       +
        .       Parent=Smp_245570.1;Name=3be1c569-257f-4376-90bf-
a0760d596a1e
SM_V9_2 iris    exon    10469386        10469433        .       +
        .       Parent=Smp_245570.1;Name=83d50b01-8873-47d3-
a294-868c43242cd7
SM_V9_2 iris    exon    10469474        10469557        .       +
        .
Parent=Smp_245570.1;Name=ab0d84c4-10c6-4413-9d52-307207b09581
SM_V9_2 iris    exon    10469597        10469688        .       +
        .       Parent=Smp_245570.1;Name=64170a79-d725-4f70-
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b41c-0da3f907815d
SM_V9_2 iris    exon    10471457        10471563        .       +
        .       Parent=Smp_245570.1;Name=82e853f0-
b4fc-4396-9350-6e7e5dcdc14f
SM_V9_2 iris    exon    10472680        10472825        .       +
        .       Parent=Smp_245570.1;Name=d2002f44-6213-45b9-
b45a-9e40e93c28e1
SM_V9_2 iris    exon    10475566        10475855        .       +
        .       Parent=Smp_245570.1;Name=17960a48-ccbc-4188-
b282-83196dea8b58
SM_V9_2 iris    exon    10477198        10477281        .       +
        .       Parent=Smp_245570.1;Name=3557aa08-
d465-4006-813d-481763d05d3d
SM_V9_2 iris    exon    10479227        10479354        .       +
        .
Parent=Smp_245570.1;Name=d0c11615-00e4-423a-8020-6280a8e84478
SM_V9_2 iris    exon    10481172        10481275        .       +
        .       Parent=Smp_245570.1;Name=97f8c556-2751-435d-8c56-
ff69f7d337a1
SM_V9_2 iris    exon    10481518        10482026        .       +
        .
Parent=Smp_245570.1;Name=42826976-5758-446f-952d-670a3aca7f38
SM_V9_2 iris    exon    10483324        10484389        .       +
        .       Parent=Smp_245570.1;Name=64e8b2e6-bad4-44cc-
a779-3587d97e00ad
SM_V9_2 iris    exon    10485172        10485302        .       +
        .       Parent=Smp_245570.1;Name=5a2128bb-d167-45a3-
bf46-3aca7ab4486e
SM_V9_2 iris    exon    10487291        10487426        .       +
        .       Parent=Smp_245570.1;Name=ec49b50d-5e5d-4278-
a2ae-4cbcc69c6c4e
SM_V9_2 iris    CDS     10461376        10461459        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10461489        10461627        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10461661        10461812        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10461855        10461935        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10461969        10462088        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10462129        10462175        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10462208        10462361        .       +
        1       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10462395        10462527        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10465386        10465487        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10465535        10465680        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10466540        10466587        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10466627        10466673        .       +
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        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10466909        10467042        .       +
        1       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10469386        10469433        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10469474        10469557        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10469597        10469688        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10471457        10471563        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10472680        10472825        .       +
        1       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10475566        10475855        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10477198        10477281        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10479227        10479354        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10481172        10481275        .       +
        1       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10481518        10482026        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10483324        10484389        .       +
        0       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10485172        10485302        .       +
        2       Parent=Smp_245570.1
SM_V9_2 iris    CDS     10487291        10487374        .       +
        0       Parent=Smp_245570.1
SM_V9_2 Liftoff gene    10487433        10520238        .       -
        .       ID=Smp_128130;geneID=Smp_128130
SM_V9_2 Liftoff mRNA    10487433        10520238        .       -
        .
ID=Smp_128130.1;Parent=Smp_128130;geneID=Smp_128130;product=Phosphat
idylinositol 3-kinase catalytic subunit type
3;polypeptide_domain=InterPro:IPR000008,IPR000403,IPR001263,IPR00242
0,IPR011009,IPR016024,IPR018936
Pfam:PF00454,PF00613;Ontology_term=GO:0005488,GO:0016301
SM_V9_2 Liftoff exon    10487433        10487637        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10489019        10489235        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10489871        10490114        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10491352        10491498        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10492516        10492585        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10494031        10494159        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10494502        10494622        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10496139        10496272        .       -
        .       Parent=Smp_128130.1
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SM_V9_2 Liftoff exon    10498524        10498721        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10500664        10500734        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10500776        10500986        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10503315        10503503        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10504827        10504922        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10506983        10507087        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10508957        10508992        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10510029        10510211        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10511684        10511831        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10513803        10513955        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10513993        10514169        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff exon    10514209        10520238        .       -
        .       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10487623        10487637        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10489019        10489235        .       -
        1       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10489871        10490114        .       -
        2       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10491352        10491498        .       -
        2       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10492516        10492585        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10494031        10494159        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10494502        10494622        .       -
        1       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10496139        10496272        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10498524        10498721        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10500664        10500734        .       -
        2       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10500776        10500986        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10503315        10503503        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10504827        10504922        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10506983        10507087        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10508957        10508992        .       -
        0       Parent=Smp_128130.1
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SM_V9_2 Liftoff CDS     10510029        10510211        .       -
        0       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10511684        10511831        .       -
        1       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10513803        10513955        .       -
        1       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10513993        10514169        .       -
        1       Parent=Smp_128130.1
SM_V9_2 Liftoff CDS     10514209        10514321        .       -
        0       Parent=Smp_128130.1
SM_V9_2 iris    gene    10539034        10546158        .       -
        .
ID=Smp_011150;geneID=Smp_011150;gene_name=Smp_011150;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_2 iris    mRNA    10539034        10546158        .       -
        .
ID=Smp_011150.1;Parent=Smp_011150;geneID=Smp_011150;gene_name=Smp_01
1150;owner=irisadmin@local.host;orig_id=Smp_011150.1;date_last_modif
ied=2022-07-23;Name=Smp_011150.1;product=Threonine aspartase
1;date_creation=2022-07-23
SM_V9_2 iris    exon    10539034        10539254        .       -
        .       Parent=Smp_011150.1;Name=f17da296-9d12-4ed2-a216-
acd057b0a55e
SM_V9_2 iris    exon    10541263        10542520        .       -
        .       Parent=Smp_011150.1;Name=3eb2bac9-9636-4b35-
a9fc-017e71657e12
SM_V9_2 iris    exon    10546088        10546158        .       -
        .       Parent=Smp_011150.1;Name=b9dbdce1-
c8c4-4014-890f-5bb5b950c949
SM_V9_2 iris    CDS     10541390        10542496        .       -
        0       Parent=Smp_011150.1
SM_V9_2 iris    gene    10560120        10598900        .       +
        .
ID=Smp_128120;geneID=Smp_128120;gene_name=Smp_128120;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    10560120        10598900        .       +
        .
ID=Smp_128120.1;Parent=Smp_128120;geneID=Smp_128120;gene_name=Smp_12
8120;owner=irisadmin@local.host;orig_id=Smp_128120.2;date_last_modif
ied=2022-08-01;Name=Smp_128120.1;product=Protein
polybromo-1;date_creation=2022-07-29
SM_V9_2 iris    exon    10560120        10560167        .       +
        .       Parent=Smp_128120.1;Name=672c2c3c-8927-4bf4-be8f-
a6816c4f4282
SM_V9_2 iris    exon    10561472        10561602        .       +
        .
Parent=Smp_128120.1;Name=fd865070-3ecb-40b7-80fe-59d736ccffbc
SM_V9_2 iris    exon    10564724        10564818        .       +
        .       Parent=Smp_128120.1;Name=0ec6772c-
f900-4b83-98e5-25261b49d290
SM_V9_2 iris    exon    10567634        10567905        .       +
        .       Parent=Smp_128120.1;Name=0fe5cf13-06d2-452d-9059-
dc614b41e47d
SM_V9_2 iris    exon    10568048        10568109        .       +
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        .
Parent=Smp_128120.1;Name=869e7bf4-4057-412a-83e7-8a2a66866061
SM_V9_2 iris    exon    10569316        10569516        .       +
        .       Parent=Smp_128120.1;Name=c4581ecd-dd9f-4adf-9c1d-
a6a388366f1c
SM_V9_2 iris    exon    10569984        10570151        .       +
        .       Parent=Smp_128120.1;Name=8164f839-74b6-465f-af5e-
c7b6d7a2f1f4
SM_V9_2 iris    exon    10570378        10570463        .       +
        .       Parent=Smp_128120.1;Name=dc047dc9-2b64-4c68-b34b-
b3cfbed9ddc2
SM_V9_2 iris    exon    10570616        10571083        .       +
        .
Parent=Smp_128120.1;Name=8efa9df0-4e02-43ba-9da8-87646a2aafea
SM_V9_2 iris    exon    10571183        10571252        .       +
        .       Parent=Smp_128120.1;Name=6158b564-7ecc-4391-
b8e5-1cec1b7dabc5
SM_V9_2 iris    exon    10571838        10572002        .       +
        .       Parent=Smp_128120.1;Name=252ddbed-6738-4782-
b007-3b4a19e46cc5
SM_V9_2 iris    exon    10574348        10574560        .       +
        .
Parent=Smp_128120.1;Name=2eb3b478-2897-41e7-8f41-7ca2f5776e7a
SM_V9_2 iris    exon    10574688        10574816        .       +
        .       Parent=Smp_128120.1;Name=9b7fbe36-8e5d-4182-b504-
dc24bd4db444
SM_V9_2 iris    exon    10576841        10577040        .       +
        .       Parent=Smp_128120.1;Name=882d944f-
a481-4c79-9e2c-042c3d3da61f
SM_V9_2 iris    exon    10578705        10579077        .       +
        .       Parent=Smp_128120.1;Name=2a610042-c8b3-4304-8ca2-
d7f94b69d4e9
SM_V9_2 iris    exon    10579167        10579844        .       +
        .       Parent=Smp_128120.1;Name=6b058967-f4e6-4cf1-
a97f-3252b8725377
SM_V9_2 iris    exon    10580147        10580551        .       +
        .
Parent=Smp_128120.1;Name=bccdca89-38cc-436d-92b4-42aa4a9f336f
SM_V9_2 iris    exon    10581772        10581846        .       +
        .       Parent=Smp_128120.1;Name=8176955e-88f0-41e1-9b92-
f1b58fc98434
SM_V9_2 iris    exon    10586750        10586911        .       +
        .       Parent=Smp_128120.1;Name=fd98f03c-85b7-418a-b0a0-
d62c9113b626
SM_V9_2 iris    exon    10587294        10587381        .       +
        .
Parent=Smp_128120.1;Name=077d0f8c-0196-4819-8d54-452842d15485
SM_V9_2 iris    exon    10588628        10588709        .       +
        .       Parent=Smp_128120.1;Name=5f89e809-
b442-4e52-90f0-5dd4d4a2bf8c
SM_V9_2 iris    exon    10589620        10589798        .       +
        .       Parent=Smp_128120.1;Name=83f1974f-5994-4ea8-b501-
fb83fe3d2d3a
SM_V9_2 iris    exon    10590612        10590709        .       +
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        .       Parent=Smp_128120.1;Name=cc8cb499-4bfb-4f90-
b95b-28f35a4d1e02
SM_V9_2 iris    exon    10591764        10591838        .       +
        .       Parent=Smp_128120.1;Name=f41b8231-95b6-453d-b523-
f49b662dea47
SM_V9_2 iris    exon    10593034        10593423        .       +
        .       Parent=Smp_128120.1;Name=8e742394-b064-42e7-8c53-
f968efebe377
SM_V9_2 iris    exon    10593769        10593888        .       +
        .       Parent=Smp_128120.1;Name=e9952237-5882-4b07-
ab04-63ee7e804570
SM_V9_2 iris    exon    10594677        10595135        .       +
        .       Parent=Smp_128120.1;Name=88e50a2a-1eba-4e77-a8a9-
bf709f30f0b7
SM_V9_2 iris    exon    10595612        10596104        .       +
        .       Parent=Smp_128120.1;Name=d792f0fb-ca1f-488e-a4d9-
f882a9b73b8d
SM_V9_2 iris    exon    10597356        10597542        .       +
        .       Parent=Smp_128120.1;Name=8c438bab-5f68-4330-9827-
ab485f707e9a
SM_V9_2 iris    exon    10598424        10598900        .       +
        .       Parent=Smp_128120.1;Name=a3e07aca-cc5e-457b-b4c8-
cd68aa008a7e
SM_V9_2 iris    CDS     10561483        10561602        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10564724        10564818        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10567634        10567905        .       +
        1       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10568048        10568109        .       +
        2       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10569316        10569516        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10569984        10570151        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10570378        10570463        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10570616        10571083        .       +
        1       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10571183        10571252        .       +
        1       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10571838        10572002        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10574348        10574560        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10574688        10574816        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10576841        10577040        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10578705        10579077        .       +
        1       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10579167        10579844        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10580147        10580551        .       +
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        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10581772        10581846        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10586750        10586911        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10587294        10587381        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10588628        10588709        .       +
        2       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10589620        10589798        .       +
        1       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10590612        10590709        .       +
        2       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10591764        10591838        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10593034        10593423        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10593769        10593888        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10594677        10595135        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10595612        10596104        .       +
        0       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10597356        10597542        .       +
        2       Parent=Smp_128120.1
SM_V9_2 iris    CDS     10598424        10598673        .       +
        1       Parent=Smp_128120.1
SM_V9_2 iris    gene    10615836        10628686        .       +
        .
ID=Smp_128110;geneID=Smp_128110;gene_name=Smp_128110;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    10615836        10628686        .       +
        .
ID=Smp_128110.1;Parent=Smp_128110;geneID=Smp_128110;gene_name=Smp_12
8110;owner=irisadmin@local.host;orig_id=Smp_128110.1;date_last_modif
ied=2022-08-01;Name=Smp_128110.1;product=Aquaporin-1;date_creation=2
022-07-29
SM_V9_2 iris    exon    10615836        10617324        .       +
        .
Parent=Smp_128110.1;Name=8dad3139-43df-4581-9486-1628069a74c6
SM_V9_2 iris    exon    10621913        10621993        .       +
        .       Parent=Smp_128110.1;Name=243e7102-7843-4301-beea-
a89aa73931c4
SM_V9_2 iris    exon    10622895        10623053        .       +
        .       Parent=Smp_128110.1;Name=4a02c175-
b9f2-438c-81eb-534cacfc652c
SM_V9_2 iris    exon    10628491        10628686        .       +
        .       Parent=Smp_128110.1;Name=69279d43-
c1f5-4ee2-8d1c-59917241f55f
SM_V9_2 iris    CDS     10616707        10617324        .       +
        0       Parent=Smp_128110.1
SM_V9_2 iris    CDS     10621913        10621993        .       +
        0       Parent=Smp_128110.1
SM_V9_2 iris    CDS     10622895        10623053        .       +
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        0       Parent=Smp_128110.1
SM_V9_2 iris    CDS     10628491        10628496        .       +
        0       Parent=Smp_128110.1
SM_V9_2 Liftoff gene    10637572        10650126        .       +
        .       ID=Smp_011120;geneID=Smp_011120
SM_V9_2 Liftoff mRNA    10637572        10650126        .       +
        .
ID=Smp_011120.1;Parent=Smp_011120;geneID=Smp_011120;product=Methioni
ne aminopeptidase
2;polypeptide_domain=InterPro:IPR000994,IPR001714,IPR002468,IPR01199
1,IPR018349
Pfam:PF00557;Ontology_term=GO:0004177,GO:0006508,GO:0008235
SM_V9_2 Liftoff exon    10637572        10640597        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff exon    10640636        10640861        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff exon    10641668        10642011        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff exon    10643154        10643248        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff exon    10643937        10644033        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff exon    10648321        10648424        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff exon    10648520        10648635        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff exon    10649454        10650126        .       +
        .       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10640441        10640597        .       +
        0       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10640636        10640861        .       +
        2       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10641668        10642011        .       +
        1       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10643154        10643248        .       +
        2       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10643937        10644033        .       +
        0       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10648321        10648424        .       +
        2       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10648520        10648635        .       +
        0       Parent=Smp_011120.1
SM_V9_2 Liftoff CDS     10649454        10649706        .       +
        1       Parent=Smp_011120.1
SM_V9_2 iris    gene    10659154        10695001        .       +
        .
ID=Smp_335960;geneID=Smp_335960;gene_name=Smp_335960;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    10659154        10695001        .       +
        .
ID=Smp_335960.1;Parent=Smp_335960;geneID=Smp_335960;gene_name=Smp_33
5960;owner=irisadmin@local.host;orig_id=Smp_335960.1;date_last_modif
ied=2022-08-01;Name=Smp_335960.1;product=Insulin-degrading
enzyme;date_creation=2022-07-29
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SM_V9_2 iris    exon    10659154        10659392        .       +
        .       Parent=Smp_335960.1;Name=541500cc-5df1-4c80-aaeb-
eef09976657f
SM_V9_2 iris    exon    10659431        10659819        .       +
        .
Parent=Smp_335960.1;Name=a47db04a-071b-4ebf-91ea-03394d20cd2a
SM_V9_2 iris    exon    10660041        10660073        .       +
        .       Parent=Smp_335960.1;Name=bb581a76-493d-4c16-92cb-
fb1e9760932c
SM_V9_2 iris    exon    10662960        10663197        .       +
        .
Parent=Smp_335960.1;Name=0de82f83-709f-4018-8024-89aae6668795
SM_V9_2 iris    exon    10664920        10665032        .       +
        .       Parent=Smp_335960.1;Name=2e3235f0-6410-4b9b-
a8d8-68148d8bddcb
SM_V9_2 iris    exon    10669229        10669318        .       +
        .       Parent=Smp_335960.1;Name=b8878ebf-6929-4a34-a85b-
b6ea41bb39e9
SM_V9_2 iris    exon    10671507        10671672        .       +
        .
Parent=Smp_335960.1;Name=e6df6786-557c-4bbe-8bba-1c857b26f8e5
SM_V9_2 iris    exon    10671798        10671889        .       +
        .       Parent=Smp_335960.1;Name=59a56527-ae40-4267-
bf6b-9798356fbca9
SM_V9_2 iris    exon    10672924        10673027        .       +
        .       Parent=Smp_335960.1;Name=562e9106-
da47-40d2-9d56-910b06fcf73d
SM_V9_2 iris    exon    10677431        10677533        .       +
        .       Parent=Smp_335960.1;Name=1daf11fa-
be92-4db1-979b-62b3ebf7857f
SM_V9_2 iris    exon    10679672        10679880        .       +
        .       Parent=Smp_335960.1;Name=9b43faaa-7208-4e87-a9ca-
f96e21065f09
SM_V9_2 iris    exon    10680519        10680567        .       +
        .
Parent=Smp_335960.1;Name=775c1938-04cc-4895-9d00-8d51447f7f8e
SM_V9_2 iris    exon    10680654        10680663        .       +
        .       Parent=Smp_335960.1;Name=53e9d6ab-5fef-49b4-
b7bf-38e8356e046c
SM_V9_2 iris    exon    10681730        10681951        .       +
        .       Parent=Smp_335960.1;Name=61a7855b-d67a-4d0b-
ab6b-0f4f0057553b
SM_V9_2 iris    exon    10684392        10684483        .       +
        .       Parent=Smp_335960.1;Name=142e80bf-fe08-4b55-
b759-01852720319a
SM_V9_2 iris    exon    10685694        10685805        .       +
        .
Parent=Smp_335960.1;Name=471a1274-227a-4a89-9474-37653f859cd9
SM_V9_2 iris    exon    10688802        10688969        .       +
        .       Parent=Smp_335960.1;Name=97a1f836-2c3a-4864-9638-
bc036dbd7b93
SM_V9_2 iris    exon    10690404        10690528        .       +
        .       Parent=Smp_335960.1;Name=0c595bdc-3d6f-4970-8a40-
a03499f79ffa
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SM_V9_2 iris    exon    10690706        10690853        .       +
        .       Parent=Smp_335960.1;Name=983c5090-4ab8-4f9b-a9a7-
d4a4e6e85ec2
SM_V9_2 iris    exon    10693255        10693359        .       +
        .       Parent=Smp_335960.1;Name=d8884860-0c28-4f32-be44-
e77777b540bf
SM_V9_2 iris    exon    10694690        10695001        .       +
        .       Parent=Smp_335960.1;Name=ede42f36-f601-43b5-
b86b-0a9626d96e5a
SM_V9_2 iris    CDS     10659221        10659392        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10659431        10659819        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10660041        10660073        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10662960        10663197        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10664920        10665032        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10669229        10669318        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10671507        10671672        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10671798        10671889        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10672924        10673027        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10677431        10677533        .       +
        1       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10679672        10679880        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10680519        10680567        .       +
        1       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10680654        10680663        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10681730        10681951        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10684392        10684483        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10685694        10685805        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10688802        10688969        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10690404        10690528        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10690706        10690853        .       +
        0       Parent=Smp_335960.1
SM_V9_2 iris    CDS     10693255        10693265        .       +
        2       Parent=Smp_335960.1
SM_V9_2 iris    gene    10705292        10739704        .       +
        .
ID=Smp_146010;geneID=Smp_146010;gene_name=Smp_146010;owner=irisadmin
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SM_V9_2 iris    mRNA    10705292        10739704        .       +
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ID=Smp_146010.1;Parent=Smp_146010;geneID=Smp_146010;gene_name=Smp_14
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ied=2022-08-01;Name=Smp_146010.1;product=Insulin-degrading
enzyme;date_creation=2022-07-29
SM_V9_2 iris    exon    10705292        10705343        .       +
        .       Parent=Smp_146010.1;Name=d89a2e1e-f6ee-41f5-b5af-
dc6ba87b2e9a
SM_V9_2 iris    exon    10708582        10708820        .       +
        .       Parent=Smp_146010.1;Name=4ea4b087-175e-45af-
b333-26b98695392d
SM_V9_2 iris    exon    10708859        10709121        .       +
        .       Parent=Smp_146010.1;Name=6f1546bc-5d6f-4b78-89e2-
a455da98e9bf
SM_V9_2 iris    exon    10710984        10711221        .       +
        .       Parent=Smp_146010.1;Name=626ba116-90b6-4c01-913d-
d5b115f88776
SM_V9_2 iris    exon    10712941        10713053        .       +
        .       Parent=Smp_146010.1;Name=572310e9-e470-4f5f-a48f-
a4f41f96e1de
SM_V9_2 iris    exon    10714794        10714883        .       +
        .       Parent=Smp_146010.1;Name=2afbde3f-edc3-49ad-a339-
af0fe6455a66
SM_V9_2 iris    exon    10715632        10715797        .       +
        .       Parent=Smp_146010.1;Name=78c5d37b-0ea3-4064-8d5b-
cbfef0a59529
SM_V9_2 iris    exon    10715993        10716084        .       +
        .
Parent=Smp_146010.1;Name=84d983b7-8be7-488a-97ce-227ddd777794
SM_V9_2 iris    exon    10720149        10720229        .       +
        .       Parent=Smp_146010.1;Name=67087491-ec48-499c-9d09-
c346abb4f090
SM_V9_2 iris    exon    10722660        10722763        .       +
        .       Parent=Smp_146010.1;Name=0ffd5ce5-1768-49b0-a002-
af120e00c489
SM_V9_2 iris    exon    10723999        10724101        .       +
        .       Parent=Smp_146010.1;Name=a36bba28-5843-4923-
bfe8-437aa501ea1a
SM_V9_2 iris    exon    10725721        10725929        .       +
        .       Parent=Smp_146010.1;Name=87583eda-26e7-4348-ba74-
c385e6ac2641
SM_V9_2 iris    exon    10727386        10727530        .       +
        .       Parent=Smp_146010.1;Name=2a5c9018-f831-4597-a43b-
f56323277f4d
SM_V9_2 iris    exon    10728032        10728263        .       +
        .       Parent=Smp_146010.1;Name=65f7bbe7-7bf3-487a-
a252-63df89f8a827
SM_V9_2 iris    exon    10730387        10730478        .       +
        .       Parent=Smp_146010.1;Name=a7006acc-a221-40b8-85ca-
cb453c27fd5c
SM_V9_2 iris    exon    10732051        10732168        .       +
        .       Parent=Smp_146010.1;Name=032099d7-0584-454d-b91b-
f347654d9867
SM_V9_2 iris    exon    10732316        10732394        .       +
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        .
Parent=Smp_146010.1;Name=2481ac2c-9745-455c-82cf-17ed137456c1
SM_V9_2 iris    exon    10733086        10733246        .       +
        .
Parent=Smp_146010.1;Name=bee9c447-7bcb-4423-9da1-70f80e3382ae
SM_V9_2 iris    exon    10734792        10734916        .       +
        .       Parent=Smp_146010.1;Name=bf589619-d943-4de6-
b9df-9a2962fe6415
SM_V9_2 iris    exon    10735094        10735241        .       +
        .       Parent=Smp_146010.1;Name=f3718fe5-5833-4d41-
a0a7-9aea569ae8df
SM_V9_2 iris    exon    10736239        10736300        .       +
        .       Parent=Smp_146010.1;Name=2d9a5277-0d51-488d-ae09-
dd865d93912d
SM_V9_2 iris    exon    10737446        10737550        .       +
        .       Parent=Smp_146010.1;Name=599bc797-ccaa-4255-
ade2-99071c13e445
SM_V9_2 iris    exon    10739183        10739704        .       +
        .       Parent=Smp_146010.1;Name=2c0d4c93-4ab5-43ce-b207-
c1f64da03c79
SM_V9_2 iris    CDS     10708649        10708820        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10708859        10709121        .       +
        2       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10710984        10711221        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10712941        10713053        .       +
        2       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10714794        10714883        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10715632        10715797        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10715993        10716084        .       +
        2       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10720149        10720229        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10722660        10722763        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10723999        10724101        .       +
        1       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10725721        10725929        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10727386        10727530        .       +
        1       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10728032        10728263        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10730387        10730478        .       +
        2       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10732051        10732168        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10732316        10732394        .       +
        2       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10733086        10733246        .       +
        1       Parent=Smp_146010.1
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SM_V9_2 iris    CDS     10734792        10734916        .       +
        2       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10735094        10735241        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10736239        10736300        .       +
        2       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10737446        10737550        .       +
        0       Parent=Smp_146010.1
SM_V9_2 iris    CDS     10739183        10739296        .       +
        0       Parent=Smp_146010.1
SM_V9_2 Liftoff gene    10744749        10745987        .       +
        .       ID=Smp_044280;geneID=Smp_044280
SM_V9_2 Liftoff mRNA    10744749        10745987        .       +
        .
ID=Smp_044280.1;Parent=Smp_044280;geneID=Smp_044280;product=Probable
mediator of RNA polymerase II transcription subunit
36b;polypeptide_domain=InterPro:IPR000692,IPR020813,IPR029063
Pfam:PF01269;Ontology_term=GO:0003723,GO:0006364,GO:0008033,GO:00081
68
SM_V9_2 Liftoff exon    10744749        10744782        .       +
        .       Parent=Smp_044280.1
SM_V9_2 Liftoff exon    10744827        10745522        .       +
        .       Parent=Smp_044280.1
SM_V9_2 Liftoff exon    10745555        10745813        .       +
        .       Parent=Smp_044280.1
SM_V9_2 Liftoff exon    10745851        10745987        .       +
        .       Parent=Smp_044280.1
SM_V9_2 Liftoff CDS     10744773        10744782        .       +
        0       Parent=Smp_044280.1
SM_V9_2 Liftoff CDS     10744827        10745522        .       +
        2       Parent=Smp_044280.1
SM_V9_2 Liftoff CDS     10745555        10745813        .       +
        2       Parent=Smp_044280.1
SM_V9_2 Liftoff CDS     10745851        10745881        .       +
        1       Parent=Smp_044280.1
SM_V9_2 Liftoff gene    10751200        10770545        .       -
        .
ID=Smp_343910;geneID=Smp_343910;previous_systematic_id=Smp_146030
SM_V9_2 Liftoff mRNA    10751200        10770545        .       -
        .
ID=Smp_343910.1;Parent=Smp_343910;geneID=Smp_343910;product=Chaperon
e protein HtpG
SM_V9_2 Liftoff exon    10751200        10761427        .       -
        .       Parent=Smp_343910.1
SM_V9_2 Liftoff exon    10768458        10770545        .       -
        .       Parent=Smp_343910.1
SM_V9_2 Liftoff CDS     10761146        10761427        .       -
        0       Parent=Smp_343910.1
SM_V9_2 Liftoff CDS     10768458        10768865        .       -
        0       Parent=Smp_343910.1
SM_V9_2 Liftoff mRNA    10751200        10770545        .       -
        .
ID=Smp_343910.2;Parent=Smp_343910;geneID=Smp_343910;product=Probable
inactive tRNA-specific adenosine deaminase-like protein
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3;polypeptide_domain=InterPro:IPR002125,IPR016193
Pfam:PF00383;Ontology_term=GO:0003824
SM_V9_2 Liftoff exon    10751200        10752063        .       -
        .       Parent=Smp_343910.2
SM_V9_2 Liftoff exon    10752923        10753246        .       -
        .       Parent=Smp_343910.2
SM_V9_2 Liftoff exon    10754070        10754377        .       -
        .       Parent=Smp_343910.2
SM_V9_2 Liftoff exon    10756103        10756305        .       -
        .       Parent=Smp_343910.2
SM_V9_2 Liftoff exon    10757306        10757375        .       -
        .       Parent=Smp_343910.2
SM_V9_2 Liftoff exon    10760989        10770545        .       -
        .       Parent=Smp_343910.2
SM_V9_2 Liftoff CDS     10751607        10752063        .       -
        1       Parent=Smp_343910.2
SM_V9_2 Liftoff CDS     10752923        10753246        .       -
        1       Parent=Smp_343910.2
SM_V9_2 Liftoff CDS     10754070        10754377        .       -
        0       Parent=Smp_343910.2
SM_V9_2 Liftoff CDS     10756103        10756305        .       -
        2       Parent=Smp_343910.2
SM_V9_2 Liftoff CDS     10757306        10757375        .       -
        0       Parent=Smp_343910.2
SM_V9_2 Liftoff CDS     10760989        10761009        .       -
        0       Parent=Smp_343910.2
SM_V9_2 iris    gene    10832567        10846299        .       +
        .
ID=Smp_242200;geneID=Smp_242200;gene_name=Smp_242200;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    10832567        10846299        .       +
        .
ID=Smp_242200.1;Parent=Smp_242200;geneID=Smp_242200;gene_name=Smp_24
2200;owner=irisadmin@local.host;orig_id=Smp_242200.2;date_last_modif
ied=2022-08-01;Name=Smp_242200.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    10832567        10832750        .       +
        .       Parent=Smp_242200.1;Name=2c3fc7f7-09b5-44ba-9d59-
fd74ca0d4eac
SM_V9_2 iris    exon    10839637        10840012        .       +
        .       Parent=Smp_242200.1;Name=d8b90573-766a-4a12-a4b3-
e7c00e9f8982
SM_V9_2 iris    exon    10842084        10842250        .       +
        .       Parent=Smp_242200.1;Name=97afc93f-fdfe-45b2-9260-
decc255aebcb
SM_V9_2 iris    exon    10843167        10843353        .       +
        .
Parent=Smp_242200.1;Name=f8e7d5f5-1ecd-42b4-9463-9cb623c34a09
SM_V9_2 iris    exon    10845651        10846299        .       +
        .       Parent=Smp_242200.1;Name=e778a5ea-0b68-425d-
bf2f-8dbc04ea7fe7
SM_V9_2 iris    CDS     10839807        10840012        .       +
        0       Parent=Smp_242200.1
SM_V9_2 iris    CDS     10842084        10842250        .       +
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        1       Parent=Smp_242200.1
SM_V9_2 iris    CDS     10843167        10843353        .       +
        2       Parent=Smp_242200.1
SM_V9_2 iris    CDS     10845651        10846068        .       +
        1       Parent=Smp_242200.1
SM_V9_2 iris    gene    10893779        10949409        .       +
        .
ID=Smp_146060;geneID=Smp_146060;gene_name=Smp_146060;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    10893779        10949409        .       +
        .
ID=Smp_146060.1;Parent=Smp_146060;geneID=Smp_146060;gene_name=Smp_14
6060;owner=irisadmin@local.host;orig_id=Smp_146060.2;date_last_modif
ied=2022-08-01;Name=Smp_146060.1;product=Ral GTPase-activating
protein subunit alpha-1;date_creation=2022-07-29
SM_V9_2 iris    exon    10893779        10893925        .       +
        .       Parent=Smp_146060.1;Name=705edb4a-8374-4086-9e77-
fcf8d7d9769e
SM_V9_2 iris    exon    10893968        10894078        .       +
        .       Parent=Smp_146060.1;Name=9441b1c9-eda8-40c0-
b569-7122baa2c0f1
SM_V9_2 iris    exon    10894114        10894163        .       +
        .
Parent=Smp_146060.1;Name=34b80bdc-59f0-4c09-9c4e-8a4e32f30673
SM_V9_2 iris    exon    10894197        10894254        .       +
        .
Parent=Smp_146060.1;Name=b7306245-5305-472e-849a-002ce5e50d7c
SM_V9_2 iris    exon    10894293        10894627        .       +
        .       Parent=Smp_146060.1;Name=fb48775c-f1b9-4954-
b473-7edaf22b5e87
SM_V9_2 iris    exon    10894673        10894836        .       +
        .       Parent=Smp_146060.1;Name=fc417fae-
edb9-4f9e-93c9-3fbe9bde2676
SM_V9_2 iris    exon    10897532        10897720        .       +
        .
Parent=Smp_146060.1;Name=a5a8b63e-2286-45a7-97b5-588596c30160
SM_V9_2 iris    exon    10897916        10898351        .       +
        .       Parent=Smp_146060.1;Name=e78915cd-f7c3-4533-bd40-
ca31f0c2c7fe
SM_V9_2 iris    exon    10899229        10899372        .       +
        .       Parent=Smp_146060.1;Name=99b4ffa3-68cf-45c9-
a573-86edbc041ac0
SM_V9_2 iris    exon    10902179        10902241        .       +
        .       Parent=Smp_146060.1;Name=e65e5982-
f47f-4888-8a6b-632642a3d28b
SM_V9_2 iris    exon    10903463        10903657        .       +
        .
Parent=Smp_146060.1;Name=ab0de289-21dc-48cc-901c-7a8b8ccbdbce
SM_V9_2 iris    exon    10906133        10906323        .       +
        .       Parent=Smp_146060.1;Name=27a27d2b-558a-44a8-884f-
af8dea9ef345
SM_V9_2 iris    exon    10907222        10907342        .       +
        .
Parent=Smp_146060.1;Name=10fc424f-837d-4fa1-86df-71722d6969d3
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SM_V9_2 iris    exon    10908373        10908495        .       +
        .       Parent=Smp_146060.1;Name=7f69fef9-54d9-4375-
b250-6ff0b63e1ae1
SM_V9_2 iris    exon    10910415        10910520        .       +
        .       Parent=Smp_146060.1;Name=1e07176a-
f74a-42bb-8611-67d28c19ce4f
SM_V9_2 iris    exon    10913467        10914137        .       +
        .       Parent=Smp_146060.1;Name=5cc6c6c2-dade-4228-9fda-
f009e48c8e25
SM_V9_2 iris    exon    10917899        10917968        .       +
        .       Parent=Smp_146060.1;Name=2f662f5f-f1b6-4d00-aa5e-
fecdeed476e8
SM_V9_2 iris    exon    10919844        10919942        .       +
        .       Parent=Smp_146060.1;Name=5aec9db2-2e0d-4f6c-a246-
f528163ed159
SM_V9_2 iris    exon    10920470        10920807        .       +
        .       Parent=Smp_146060.1;Name=e5e650a8-3991-491b-bbc7-
b94aa1bdb8b4
SM_V9_2 iris    exon    10921969        10922124        .       +
        .       Parent=Smp_146060.1;Name=25f1a80d-53c2-4565-a3dd-
b64b04eebae1
SM_V9_2 iris    exon    10922870        10923004        .       +
        .       Parent=Smp_146060.1;Name=31fab91e-
a5f0-4c53-82f3-89d2fefaf667
SM_V9_2 iris    exon    10923705        10923830        .       +
        .       Parent=Smp_146060.1;Name=6f9b47c3-9933-4602-ae12-
af4f995812b2
SM_V9_2 iris    exon    10925413        10925733        .       +
        .       Parent=Smp_146060.1;Name=813e44c5-8bb3-436c-a53c-
a0f12cc1c640
SM_V9_2 iris    exon    10926646        10926717        .       +
        .
Parent=Smp_146060.1;Name=0b88ac72-8e02-4b04-8209-7f6a6f3c9db9
SM_V9_2 iris    exon    10927877        10928170        .       +
        .       Parent=Smp_146060.1;Name=dc3a14d0-cc03-49db-8bb3-
b7bec59a5c5d
SM_V9_2 iris    exon    10929988        10930170        .       +
        .       Parent=Smp_146060.1;Name=507d1757-f431-42c7-
bf88-21d3c3291d3c
SM_V9_2 iris    exon    10932178        10932577        .       +
        .       Parent=Smp_146060.1;Name=e15af250-5f61-4b17-
a045-63c86fc66b6b
SM_V9_2 iris    exon    10934208        10934491        .       +
        .       Parent=Smp_146060.1;Name=f317807c-4e8c-4c93-a378-
abfec2ec6f5a
SM_V9_2 iris    exon    10936583        10936788        .       +
        .       Parent=Smp_146060.1;Name=5f7010db-1e33-47de-b60b-
b156fae5f869
SM_V9_2 iris    exon    10939598        10939864        .       +
        .
Parent=Smp_146060.1;Name=ecd93592-1168-4c1b-94d5-2d8a5cca5fc5
SM_V9_2 iris    exon    10940943        10941216        .       +
        .       Parent=Smp_146060.1;Name=d491c34c-a603-48aa-bc21-
f6c860d86848
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SM_V9_2 iris    exon    10942777        10942935        .       +
        .       Parent=Smp_146060.1;Name=70180c56-9d9e-48d7-
a454-5a0b7037a1ca
SM_V9_2 iris    exon    10944064        10944191        .       +
        .       Parent=Smp_146060.1;Name=3f3bd056-9c3b-428f-
a690-0d0dd7ceee58
SM_V9_2 iris    exon    10944760        10944866        .       +
        .
Parent=Smp_146060.1;Name=894b764d-7936-463f-9b9e-3cd1d02ea56b
SM_V9_2 iris    exon    10948465        10949409        .       +
        .       Parent=Smp_146060.1;Name=543dd73a-d2a2-4ce0-99f6-
dd9e382e5e19
SM_V9_2 iris    CDS     10893817        10893925        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10893968        10894078        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10894114        10894163        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10894197        10894254        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10894293        10894627        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10894673        10894836        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10897532        10897720        .       +
        1       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10897916        10898351        .       +
        1       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10899229        10899372        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10902179        10902241        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10903463        10903657        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10906133        10906323        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10907222        10907342        .       +
        1       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10908373        10908495        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10910415        10910520        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10913467        10914137        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10917899        10917968        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10919844        10919942        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10920470        10920807        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10921969        10922124        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10922870        10923004        .       +
        0       Parent=Smp_146060.1
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SM_V9_2 iris    CDS     10923705        10923830        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10925413        10925733        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10926646        10926717        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10927877        10928170        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10929988        10930170        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10932178        10932577        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10934208        10934491        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10936583        10936788        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10939598        10939864        .       +
        1       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10940943        10941216        .       +
        1       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10942777        10942935        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10944064        10944191        .       +
        0       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10944760        10944866        .       +
        1       Parent=Smp_146060.1
SM_V9_2 iris    CDS     10948465        10948970        .       +
        2       Parent=Smp_146060.1
SM_V9_2 iris    gene    10956349        10999584        .       +
        .
ID=Smp_146080;geneID=Smp_146080;gene_name=Smp_146080;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    10956349        10999584        .       +
        .
ID=Smp_146080.1;Parent=Smp_146080;geneID=Smp_146080;gene_name=Smp_14
6080;owner=irisadmin@local.host;orig_id=Smp_146080.1;date_last_modif
ied=2022-08-01;Name=Smp_146080.1;product=Cilia- and flagella-
associated protein 61;date_creation=2022-07-29
SM_V9_2 iris    exon    10956349        10956504        .       +
        .       Parent=Smp_146080.1;Name=c506febe-998c-47d1-ad7b-
bdf700dac59d
SM_V9_2 iris    exon    10956549        10956732        .       +
        .       Parent=Smp_146080.1;Name=586d96f9-6e7e-4191-a29f-
dd942fb81a4a
SM_V9_2 iris    exon    10956769        10956844        .       +
        .       Parent=Smp_146080.1;Name=afdfb198-c459-4b5a-804c-
fdb68351b6de
SM_V9_2 iris    exon    10956881        10956995        .       +
        .
Parent=Smp_146080.1;Name=5d920e58-2b83-433b-8016-50a7cbee76fb
SM_V9_2 iris    exon    10957029        10957161        .       +
        .       Parent=Smp_146080.1;Name=e9c94dc7-235b-4952-b1d7-
ccbe12a9fc25
SM_V9_2 iris    exon    10957197        10957380        .       +
```

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        .       Parent=Smp_146080.1;Name=b8243bd2-48ae-484a-a691-
fbfaee23f919
SM_V9_2 iris    exon    10961032        10961263        .       +
        .       Parent=Smp_146080.1;Name=82bc30e0-007b-47ef-
b59b-5590eb29b761
SM_V9_2 iris    exon    10964458        10964566        .       +
        .       Parent=Smp_146080.1;Name=cc5a7984-dfa1-4bf3-a9ab-
b0971f855438
SM_V9_2 iris    exon    10967549        10967619        .       +
        .       Parent=Smp_146080.1;Name=88a13b44-0c81-4672-
a95f-392c2bbcf2f8
SM_V9_2 iris    exon    10968999        10969131        .       +
        .       Parent=Smp_146080.1;Name=d46d4270-41cc-46a2-
afd4-75d7c008c484
SM_V9_2 iris    exon    10970112        10970189        .       +
        .       Parent=Smp_146080.1;Name=64e64a4f-dd28-43fe-99c8-
efa6493fdea3
SM_V9_2 iris    exon    10972648        10972854        .       +
        .       Parent=Smp_146080.1;Name=981a5a64-fc41-4998-8f08-
d92b8df37ccf
SM_V9_2 iris    exon    10974041        10974303        .       +
        .       Parent=Smp_146080.1;Name=a3d8cdf1-89dc-428b-9214-
acd2efa3e397
SM_V9_2 iris    exon    10976518        10976622        .       +
        .       Parent=Smp_146080.1;Name=4f13d954-8e45-4895-
a00b-7b596e222d62
SM_V9_2 iris    exon    10977673        10977759        .       +
        .       Parent=Smp_146080.1;Name=c1c215f9-6e6c-4fc1-88e0-
fd9752ff5665
SM_V9_2 iris    exon    10979299        10979555        .       +
        .       Parent=Smp_146080.1;Name=7b8782a2-a938-4406-
afdd-7a3e0b68868a
SM_V9_2 iris    exon    10981452        10981933        .       +
        .       Parent=Smp_146080.1;Name=bb759c69-1f9a-4b9f-a806-
c92023a8b924
SM_V9_2 iris    exon    10983936        10984121        .       +
        .       Parent=Smp_146080.1;Name=8d55d0fa-fe02-4e7f-9c90-
cba2f8cb4e11
SM_V9_2 iris    exon    10985517        10985565        .       +
        .       Parent=Smp_146080.1;Name=1496f534-633e-40ac-8a8a-
bd56975c37a9
SM_V9_2 iris    exon    10987467        10987636        .       +
        .
Parent=Smp_146080.1;Name=ec516c35-0e15-476c-9dab-294885c8e946
SM_V9_2 iris    exon    10989076        10989276        .       +
        .       Parent=Smp_146080.1;Name=fa548e2c-d77e-41f8-aea1-
e80e52ba2f4b
SM_V9_2 iris    exon    10993180        10993284        .       +
        .
Parent=Smp_146080.1;Name=86288653-7349-467d-8e4f-3a24e069c4f7
SM_V9_2 iris    exon    10994050        10994153        .       +
        .       Parent=Smp_146080.1;Name=cbb053b9-33e2-4b4f-a1ae-
b6ba888bff5a
SM_V9_2 iris    exon    10996179        10996269        .       +
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        .       Parent=Smp_146080.1;Name=83b27aba-777c-4caa-b051-
eb83055d32c1
SM_V9_2 iris    exon    10997789        10997851        .       +
        .       Parent=Smp_146080.1;Name=c36f7faf-284b-4bd6-bbe0-
cd33cd826fb9
SM_V9_2 iris    exon    10999232        10999584        .       +
        .       Parent=Smp_146080.1;Name=6ffb23b0-5b37-491b-
a9e0-96f4105ca162
SM_V9_2 iris    CDS     10956380        10956504        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10956549        10956732        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10956769        10956844        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10956881        10956995        .       +
        2       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10957029        10957161        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10957197        10957380        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10961032        10961263        .       +
        2       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10964458        10964566        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10967549        10967619        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10968999        10969131        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10970112        10970189        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10972648        10972854        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10974041        10974303        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10976518        10976622        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10977673        10977759        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10979299        10979555        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10981452        10981933        .       +
        2       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10983936        10984121        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10985517        10985565        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10987467        10987636        .       +
        2       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10989076        10989276        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10993180        10993284        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10994050        10994153        .       +
        0       Parent=Smp_146080.1
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SM_V9_2 iris    CDS     10996179        10996269        .       +
        1       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10997789        10997851        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    CDS     10999232        10999369        .       +
        0       Parent=Smp_146080.1
SM_V9_2 iris    gene    11010619        11050250        .       -
        .
ID=Smp_208000;geneID=Smp_208000;gene_name=Smp_208000;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-07-29
SM_V9_2 iris    mRNA    11010619        11050250        .       -
        .
ID=Smp_208000.1;Parent=Smp_208000;geneID=Smp_208000;gene_name=Smp_20
8000;owner=irisadmin@local.host;orig_id=Smp_208010.1;date_last_modif
ied=2022-11-13;Name=Smp_208000.1;product=DNA polymerase
kappa;date_creation=2022-07-29
SM_V9_2 iris    exon    11010619        11011147        .       -
        .       Parent=Smp_208000.1;Name=Smp_208000.1-CDS
SM_V9_2 iris    exon    11014092        11014243        .       -
        .
Parent=Smp_208000.1;Name=0f49983a-54b9-4394-94f2-3ba3085cc62f
SM_V9_2 iris    exon    11016686        11016883        .       -
        .       Parent=Smp_208000.1;Name=1e0614d6-d2ea-4601-9604-
db63ad11dd3d
SM_V9_2 iris    exon    11020224        11020510        .       -
        .       Parent=Smp_208000.1;Name=0046d38e-
c86c-4330-85ec-7117d8166ead
SM_V9_2 iris    exon    11021995        11022181        .       -
        .       Parent=Smp_208000.1;Name=fbe5eb60-3e6f-41f6-
a911-69e7354b8180
SM_V9_2 iris    exon    11027601        11027697        .       -
        .       Parent=Smp_208000.1;Name=a4eba971-1f37-4c6f-b5d0-
b3fbaf00eec2
SM_V9_2 iris    exon    11031084        11031379        .       -
        .       Parent=Smp_208000.1;Name=891d8152-
ba48-49ee-8007-47011bc61892
SM_V9_2 iris    exon    11032456        11032580        .       -
        .       Parent=Smp_208000.1;Name=08c8ee02-0a9f-4b7e-a64d-
daa62fcbd14c
SM_V9_2 iris    exon    11032850        11033154        .       -
        .       Parent=Smp_208000.1;Name=e5d7c53b-b625-4801-
b4bd-7be78d9d775c
SM_V9_2 iris    exon    11039595        11039932        .       -
        .       Parent=Smp_208000.1;Name=fc46dae2-d074-4e42-8f77-
e1a093d87174
SM_V9_2 iris    exon    11041725        11041877        .       -
        .       Parent=Smp_208000.1;Name=51a7e89a-5c79-4984-86cc-
c808de3fbc50
SM_V9_2 iris    exon    11044315        11044644        .       -
        .       Parent=Smp_208000.1;Name=8bb56d0a-
e2bd-4284-984d-968a73986195
SM_V9_2 iris    exon    11046457        11046609        .       -
        .       Parent=Smp_208000.1;Name=d735a8c7-2813-4e27-
aff8-44d58e29ad2b
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SM_V9_2 iris    exon    11048339        11048457        .       -
        .       Parent=Smp_208000.1;Name=3c765f8e-dbf9-477d-
b864-6a2ece7693c7
SM_V9_2 iris    exon    11050119        11050250        .       -
        .       Parent=Smp_208000.1;Name=57515d07-0186-4af3-8624-
e79e7fb24b82
SM_V9_2 iris    CDS     11011033        11011147        .       -
        1       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11014092        11014243        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11016686        11016883        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11020224        11020510        .       -
        2       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11021995        11022181        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11027601        11027697        .       -
        1       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11031084        11031379        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11032456        11032580        .       -
        2       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11032850        11033154        .       -
        1       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11039595        11039932        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11041725        11041877        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11044315        11044644        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11046457        11046609        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11048339        11048457        .       -
        2       Parent=Smp_208000.1
SM_V9_2 iris    CDS     11050119        11050239        .       -
        0       Parent=Smp_208000.1
SM_V9_2 iris    gene    11053277        11055989        .       -
        .
ID=Smp_208010;geneID=Smp_208010;gene_name=Smp_208010;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_2 iris    mRNA    11053277        11055989        .       -
        .
ID=Smp_208010.1;Parent=Smp_208010;geneID=Smp_208010;gene_name=Smp_20
8010;owner=irisadmin@local.host;orig_id=Smp_208010.1;date_last_modif
ied=2022-11-13;Name=Smp_208010.1;product=Geranylgeranyl transferase
type-2 subunit alpha;date_creation=2022-11-13
SM_V9_2 iris    exon    11053277        11055420        .       -
        .
Parent=Smp_208010.1;Name=3cc168e9-05f0-40f6-8edf-708ee1e97d86
SM_V9_2 iris    exon    11055943        11055989        .       -
        .       Parent=Smp_208010.1;Name=86d50e76-9f01-4332-
a771-5d717724492e
SM_V9_2 iris    CDS     11053433        11055349        .       -
        0       Parent=Smp_208010.1
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SM_V9_2 Liftoff gene    11066369        11105222        .       +
        .       ID=Smp_146100;geneID=Smp_146100
SM_V9_2 Liftoff mRNA    11066369        11105222        .       +
        .
ID=Smp_146100.1;Parent=Smp_146100;geneID=Smp_146100;product=Exocyst
complex component 6B;polypeptide_domain=InterPro:IPR007225
Pfam:PF04091;Ontology_term=GO:0000145,GO:0006904
SM_V9_2 Liftoff exon    11066369        11066785        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11070862        11071119        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11071988        11072216        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11074996        11075315        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11090028        11090362        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11095833        11096304        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11098010        11098450        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11100671        11100869        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11102705        11102719        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff exon    11104710        11105222        .       +
        .       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11066438        11066785        .       +
        0       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11070862        11071119        .       +
        0       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11071988        11072216        .       +
        0       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11074996        11075315        .       +
        2       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11090028        11090362        .       +
        0       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11095833        11096304        .       +
        1       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11098010        11098450        .       +
        0       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11100671        11100869        .       +
        0       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11102705        11102719        .       +
        2       Parent=Smp_146100.1
SM_V9_2 Liftoff CDS     11104710        11104894        .       +
        2       Parent=Smp_146100.1
SM_V9_2 iris    gene    11107471        11109521        .       -
        .
ID=Smp_044400;geneID=Smp_044400;gene_name=Smp_044400;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    11107471        11109521        .       -
        .
ID=Smp_044400.1;Parent=Smp_044400;geneID=Smp_044400;gene_name=Smp_04
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4400;owner=irisadmin@local.host;orig_id=Smp_044400.1;date_last_modif
ied=2022-08-23;Name=Smp_044400.1;product=WD repeat-containing
protein 92;date_creation=2022-08-23
SM_V9_2 iris    exon    11107471        11108518        .       -
        .       Parent=Smp_044400.1;Name=b30ac4a5-
ab2b-4b78-8c76-80d87c313f6d
SM_V9_2 iris    exon    11109274        11109521        .       -
        .       Parent=Smp_044400.1;Name=a63bf0f6-9c56-4f51-b3e7-
c61010c926d2
SM_V9_2 iris    CDS     11107568        11108518        .       -
        0       Parent=Smp_044400.1
SM_V9_2 iris    CDS     11109274        11109447        .       -
        0       Parent=Smp_044400.1
SM_V9_2 iris    gene    11113609        11137723        .       +
        .
ID=Smp_146110;geneID=Smp_146110;gene_name=Smp_146110;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    11113609        11137723        .       +
        .
ID=Smp_146110.1;Parent=Smp_146110;geneID=Smp_146110;gene_name=Smp_14
6110;owner=irisadmin@local.host;orig_id=Smp_146110.1;date_last_modif
ied=2022-08-01;Name=Smp_146110.1;product=DNA-directed RNA polymerase
III subunit RPC3;date_creation=2022-07-29
SM_V9_2 iris    exon    11113609        11113844        .       +
        .       Parent=Smp_146110.1;Name=639686ad-4af6-4deb-bb8a-
c4053828be0f
SM_V9_2 iris    exon    11118676        11118861        .       +
        .       Parent=Smp_146110.1;Name=bb145a43-eba6-4d30-8ee0-
bf129ffa9d3c
SM_V9_2 iris    exon    11118905        11119003        .       +
        .       Parent=Smp_146110.1;Name=b98834a8-
a2d5-4ee7-9f2e-3618d2472978
SM_V9_2 iris    exon    11119054        11119193        .       +
        .       Parent=Smp_146110.1;Name=fde9b330-47e0-4e87-
a30d-77c55eefc9b6
SM_V9_2 iris    exon    11119235        11119453        .       +
        .
Parent=Smp_146110.1;Name=c8c0c4da-26c0-4867-9191-33b84ab9bbce
SM_V9_2 iris    exon    11120512        11120621        .       +
        .       Parent=Smp_146110.1;Name=34a88e74-
dbfb-4f57-9409-863612cd8006
SM_V9_2 iris    exon    11121765        11121869        .       +
        .       Parent=Smp_146110.1;Name=83daf6c9-a0e0-4a8b-afa1-
f1d9372a82d9
SM_V9_2 iris    exon    11121983        11122084        .       +
        .
Parent=Smp_146110.1;Name=5834de27-7598-4956-8942-4ba6ded624a7
SM_V9_2 iris    exon    11124189        11124257        .       +
        .
Parent=Smp_146110.1;Name=0c4c991e-0644-49b3-9633-458c50ead20a
SM_V9_2 iris    exon    11125262        11125313        .       +
        .       Parent=Smp_146110.1;Name=94def393-5fc1-449d-b5b6-
c2289d4d326a
SM_V9_2 iris    exon    11126291        11126351        .       +
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        .       Parent=Smp_146110.1;Name=8b43fe53-b0bc-4722-9cc6-
edb56add591a
SM_V9_2 iris    exon    11127327        11127393        .       +
        .       Parent=Smp_146110.1;Name=0cf8fd35-fba8-4de0-8ea0-
c88b9238c0cb
SM_V9_2 iris    exon    11132363        11132446        .       +
        .       Parent=Smp_146110.1;Name=cdb4acc5-4d25-40d5-
a76b-6382c2ecdd60
SM_V9_2 iris    exon    11135013        11135164        .       +
        .       Parent=Smp_146110.1;Name=7c07fc02-6b64-42d6-
b4b0-585ac0930b4d
SM_V9_2 iris    exon    11135587        11135796        .       +
        .       Parent=Smp_146110.1;Name=22826168-f4ae-4326-98e5-
ce634704c9bb
SM_V9_2 iris    exon    11137482        11137723        .       +
        .       Parent=Smp_146110.1;Name=08d6932b-7ed7-459c-9e4c-
b70e75f89023
SM_V9_2 iris    CDS     11118701        11118861        .       +
        0       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11118905        11119003        .       +
        1       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11119054        11119193        .       +
        1       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11119235        11119453        .       +
        2       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11120512        11120621        .       +
        2       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11121765        11121869        .       +
        0       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11121983        11122084        .       +
        0       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11124189        11124257        .       +
        0       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11125262        11125313        .       +
        0       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11126291        11126351        .       +
        2       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11127327        11127393        .       +
        1       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11132363        11132446        .       +
        0       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11135013        11135164        .       +
        0       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11135587        11135796        .       +
        1       Parent=Smp_146110.1
SM_V9_2 iris    CDS     11137482        11137554        .       +
        1       Parent=Smp_146110.1
SM_V9_2 iris    gene    11147834        11261086        .       +
        .
ID=Smp_146120;geneID=Smp_146120;gene_name=Smp_146120;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    11147834        11261086        .       +
        .
ID=Smp_146120.1;Parent=Smp_146120;geneID=Smp_146120;gene_name=Smp_14
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6120;owner=irisadmin@local.host;orig_id=Smp_146120.1;date_last_modif
ied=2022-08-01;Name=Smp_146120.1;product=High affinity cGMP-specific
3',5'-cyclic phosphodiesterase 9A;date_creation=2022-07-29
SM_V9_2 iris    exon    11147834        11148157        .       +
        .
Parent=Smp_146120.1;Name=d7459503-9ab5-4d2b-8a04-65c697adba2e
SM_V9_2 iris    exon    11219287        11220409        .       +
        .       Parent=Smp_146120.1;Name=a751f495-59e5-461d-
b119-9173d9da4159
SM_V9_2 iris    exon    11233360        11233711        .       +
        .       Parent=Smp_146120.1;Name=9ef5924c-5b3c-4331-8bc5-
cac96a29d29c
SM_V9_2 iris    exon    11234980        11235143        .       +
        .       Parent=Smp_146120.1;Name=d7f31450-7cb2-42a1-
b98a-6c81b2fbec0b
SM_V9_2 iris    exon    11241403        11241640        .       +
        .       Parent=Smp_146120.1;Name=85c7f9ff-eff5-4881-
a432-774074d5458c
SM_V9_2 iris    exon    11242693        11242815        .       +
        .       Parent=Smp_146120.1;Name=78f528aa-0d28-4720-bd8a-
fcf5d2cb6300
SM_V9_2 iris    exon    11249330        11249490        .       +
        .       Parent=Smp_146120.1;Name=1dd4b253-a69a-418e-96a0-
fa8fdebfa530
SM_V9_2 iris    exon    11251716        11251968        .       +
        .       Parent=Smp_146120.1;Name=dd5dbcc5-
d3a4-46e6-8eee-4e8f24ddae7c
SM_V9_2 iris    exon    11256240        11256386        .       +
        .       Parent=Smp_146120.1;Name=a5c5102c-0246-4240-aeb0-
d29fd4e26a95
SM_V9_2 iris    exon    11258859        11261086        .       +
        .       Parent=Smp_146120.1;Name=3324812c-2449-45a9-adf3-
c6d01c10c969
SM_V9_2 iris    CDS     11148124        11148157        .       +
        0       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11219287        11220409        .       +
        2       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11233360        11233711        .       +
        1       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11234980        11235143        .       +
        0       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11241403        11241640        .       +
        1       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11242693        11242815        .       +
        0       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11249330        11249490        .       +
        0       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11251716        11251968        .       +
        1       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11256240        11256386        .       +
        0       Parent=Smp_146120.1
SM_V9_2 iris    CDS     11258859        11259017        .       +
        0       Parent=Smp_146120.1
SM_V9_2 Liftoff gene    11267384        11317482        .       +
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        .       ID=Smp_125450;geneID=Smp_125450
SM_V9_2 Liftoff mRNA    11267384        11317482        .       +
        .
ID=Smp_125450.1;Parent=Smp_125450;geneID=Smp_125450;product=Retinal
guanylyl cyclase
2;polypeptide_domain=InterPro:IPR000719,IPR001054,IPR001245,IPR01100
9,IPR018297,IPR029787
Pfam:PF00211,PF07714;Ontology_term=GO:0004672,GO:0005524,GO:0006468,
GO:0009190,GO:0016849,GO:0035556
SM_V9_2 Liftoff exon    11267384        11268837        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11271937        11272193        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11273346        11273790        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11275023        11275107        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11280364        11280472        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11282384        11282545        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11284889        11285071        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11292533        11292604        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11294960        11295116        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11298647        11298843        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11300837        11300961        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11302479        11302619        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11304660        11304852        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11307293        11307467        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11309667        11309765        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11312778        11312952        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11314585        11314599        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff exon    11317044        11317482        .       +
        .       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11267946        11268837        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11271937        11272193        .       +
        2       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11273346        11273790        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11275023        11275107        .       +
        2       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11280364        11280472        .       +
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        1       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11282384        11282545        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11284889        11285071        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11292533        11292604        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11294960        11295116        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11298647        11298843        .       +
        2       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11300837        11300961        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11302479        11302619        .       +
        1       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11304660        11304852        .       +
        1       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11307293        11307467        .       +
        0       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11309667        11309765        .       +
        2       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11312778        11312952        .       +
        2       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11314585        11314599        .       +
        1       Parent=Smp_125450.1
SM_V9_2 Liftoff CDS     11317044        11317326        .       +
        1       Parent=Smp_125450.1
SM_V9_2 iris    gene    11332364        11352459        .       +
        .
ID=Smp_125460;geneID=Smp_125460;gene_name=Smp_125460;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    11332364        11352459        .       +
        .
ID=Smp_125460.1;Parent=Smp_125460;geneID=Smp_125460;gene_name=Smp_12
5460;owner=irisadmin@local.host;orig_id=Smp_125460.1;date_last_modif
ied=2022-08-01;Name=Smp_125460.1;product=E3 ubiquitin-protein ligase
RNF13;date_creation=2022-07-29
SM_V9_2 iris    exon    11332364        11332594        .       +
        .       Parent=Smp_125460.1;Name=e0b50e5f-694a-42e6-b82b-
de3c8a5d1f3d
SM_V9_2 iris    exon    11334986        11335066        .       +
        .       Parent=Smp_125460.1;Name=c3508ade-98a7-4abb-
bebd-8d61cda40c0a
SM_V9_2 iris    exon    11335103        11335346        .       +
        .       Parent=Smp_125460.1;Name=4cdccc6b-
a385-4dc7-9a19-6a8fc8f56949
SM_V9_2 iris    exon    11335397        11335496        .       +
        .       Parent=Smp_125460.1;Name=b283e482-e5f3-4d24-
a015-3c6e4de248a2
SM_V9_2 iris    exon    11341155        11341354        .       +
        .       Parent=Smp_125460.1;Name=96c43426-e7a8-4b1f-
b202-5018a8399d32
SM_V9_2 iris    exon    11343275        11343358        .       +
        .       Parent=Smp_125460.1;Name=1213c1d3-0670-4063-
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b410-5a3db607630a
SM_V9_2 iris    exon    11348651        11349031        .       +
        .       Parent=Smp_125460.1;Name=9153e275-1179-49ec-
a8c9-9319e9e68304
SM_V9_2 iris    exon    11351147        11352459        .       +
        .       Parent=Smp_125460.1;Name=03021c4e-c33e-4963-
a5ae-34daf02671c2
SM_V9_2 iris    CDS     11332508        11332594        .       +
        0       Parent=Smp_125460.1
SM_V9_2 iris    CDS     11334986        11335066        .       +
        0       Parent=Smp_125460.1
SM_V9_2 iris    CDS     11335103        11335346        .       +
        0       Parent=Smp_125460.1
SM_V9_2 iris    CDS     11335397        11335496        .       +
        2       Parent=Smp_125460.1
SM_V9_2 iris    CDS     11341155        11341354        .       +
        1       Parent=Smp_125460.1
SM_V9_2 iris    CDS     11343275        11343358        .       +
        2       Parent=Smp_125460.1
SM_V9_2 iris    CDS     11348651        11349031        .       +
        2       Parent=Smp_125460.1
SM_V9_2 iris    CDS     11351147        11351484        .       +
        2       Parent=Smp_125460.1
SM_V9_2 Liftoff gene    11364367        11397770        .       -
        .       ID=Smp_125480;geneID=Smp_125480
SM_V9_2 Liftoff mRNA    11364367        11397770        .       -
        .
ID=Smp_125480.1;Parent=Smp_125480;geneID=Smp_125480;product=Synaptop
odin 2-like protein;polypeptide_domain=InterPro:IPR001478,IPR015943
Pfam:PF00595;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    11364367        11365706        .       -
        .       Parent=Smp_125480.1
SM_V9_2 Liftoff exon    11368688        11369345        .       -
        .       Parent=Smp_125480.1
SM_V9_2 Liftoff exon    11374378        11374592        .       -
        .       Parent=Smp_125480.1
SM_V9_2 Liftoff exon    11375183        11375619        .       -
        .       Parent=Smp_125480.1
SM_V9_2 Liftoff exon    11378713        11378864        .       -
        .       Parent=Smp_125480.1
SM_V9_2 Liftoff exon    11397248        11397770        .       -
        .       Parent=Smp_125480.1
SM_V9_2 Liftoff CDS     11365552        11365706        .       -
        2       Parent=Smp_125480.1
SM_V9_2 Liftoff CDS     11368688        11369345        .       -
        0       Parent=Smp_125480.1
SM_V9_2 Liftoff CDS     11374378        11374592        .       -
        2       Parent=Smp_125480.1
SM_V9_2 Liftoff CDS     11375183        11375619        .       -
        1       Parent=Smp_125480.1
SM_V9_2 Liftoff CDS     11378713        11378864        .       -
        0       Parent=Smp_125480.1
SM_V9_2 Liftoff CDS     11397248        11397343        .       -
        0       Parent=Smp_125480.1
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SM_V9_2 iris    gene    11431974        11519890        .       +
        .
ID=Smp_125490;geneID=Smp_125490;gene_name=Smp_125490;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    11431974        11519890        .       +
        .
ID=Smp_125490.1;Parent=Smp_125490;geneID=Smp_125490;gene_name=Smp_12
5490;owner=irisadmin@local.host;orig_id=Smp_125490.1;date_last_modif
ied=2022-08-01;Name=Smp_125490.1;product=peptidase family M13
containing protein;date_creation=2022-07-29
SM_V9_2 iris    exon    11431974        11433889        .       +
        .       Parent=Smp_125490.1;Name=80796678-4c40-4856-
a76f-084473da1b64
SM_V9_2 iris    exon    11462450        11462556        .       +
        .       Parent=Smp_125490.1;Name=07f7e9bb-8fe1-4521-
bd56-6e30bd393381
SM_V9_2 iris    exon    11464059        11464379        .       +
        .       Parent=Smp_125490.1;Name=1376e178-ae9e-493e-b63d-
fa546337680c
SM_V9_2 iris    exon    11475776        11475856        .       +
        .       Parent=Smp_125490.1;Name=387e0b89-
b944-43a1-8b9c-10cf418cd163
SM_V9_2 iris    exon    11493365        11493501        .       +
        .
Parent=Smp_125490.1;Name=ca95ad4c-4b05-43eb-8e0c-9613d4f533e3
SM_V9_2 iris    exon    11494947        11495050        .       +
        .
Parent=Smp_125490.1;Name=d244a465-9b18-4060-80d7-41c9b946f728
SM_V9_2 iris    exon    11496260        11496381        .       +
        .
Parent=Smp_125490.1;Name=0a1cfaea-0b50-4c8c-9dde-9f6a9ca5bf6d
SM_V9_2 iris    exon    11497347        11497445        .       +
        .       Parent=Smp_125490.1;Name=9a325ba7-0b74-42fe-b802-
b205b23f6c66
SM_V9_2 iris    exon    11499209        11499277        .       +
        .       Parent=Smp_125490.1;Name=e2b0624d-5136-4d29-b239-
adfcd5ca9e3a
SM_V9_2 iris    exon    11501257        11501366        .       +
        .       Parent=Smp_125490.1;Name=6a34c80e-db30-49f7-a406-
cfb90635aacf
SM_V9_2 iris    exon    11505884        11505939        .       +
        .       Parent=Smp_125490.1;Name=3f65f13d-5249-4ecc-
a097-62e94ca1cc4c
SM_V9_2 iris    exon    11507235        11507292        .       +
        .       Parent=Smp_125490.1;Name=6f1ce3b8-cbe5-4cf1-
a071-94e2d2a0e709
SM_V9_2 iris    exon    11511237        11511304        .       +
        .
Parent=Smp_125490.1;Name=16180b9e-3c14-4f6b-9502-234813991615
SM_V9_2 iris    exon    11514624        11514712        .       +
        .       Parent=Smp_125490.1;Name=816e42fa-6b92-48c7-
a334-4455d03d3ab6
SM_V9_2 iris    exon    11516368        11516541        .       +
        .       Parent=Smp_125490.1;Name=eb376a1d-550d-4a1a-89f0-
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c5d2a35d12f3
SM_V9_2 iris    exon    11518872        11519890        .       +
        .       Parent=Smp_125490.1;Name=e7a5bac5-
cb62-40f2-85a6-98bd3b18e638
SM_V9_2 iris    CDS     11432134        11433889        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11462450        11462556        .       +
        2       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11464059        11464379        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11475776        11475856        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11493365        11493501        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11494947        11495050        .       +
        1       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11496260        11496381        .       +
        2       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11497347        11497445        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11499209        11499277        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11501257        11501366        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11505884        11505939        .       +
        1       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11507235        11507292        .       +
        2       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11511237        11511304        .       +
        1       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11514624        11514712        .       +
        2       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11516368        11516541        .       +
        0       Parent=Smp_125490.1
SM_V9_2 iris    CDS     11518872        11519009        .       +
        0       Parent=Smp_125490.1
SM_V9_2 Liftoff gene    11525175        11548920        .       -
        .       ID=Smp_125500;geneID=Smp_125500
SM_V9_2 Liftoff mRNA    11525175        11548920        .       -
        .
ID=Smp_125500.1;Parent=Smp_125500;geneID=Smp_125500;product=Prenylcy
steine oxidase;polypeptide_domain=InterPro:IPR010795,IPR023753
Pfam:PF07156,PF13450;Ontology_term=GO:0016491,GO:0016670,GO:0030328,
GO:0055114
SM_V9_2 Liftoff exon    11525175        11525574        .       -
        .       Parent=Smp_125500.1
SM_V9_2 Liftoff exon    11527174        11527442        .       -
        .       Parent=Smp_125500.1
SM_V9_2 Liftoff exon    11527613        11527815        .       -
        .       Parent=Smp_125500.1
SM_V9_2 Liftoff exon    11529038        11529206        .       -
        .       Parent=Smp_125500.1
SM_V9_2 Liftoff exon    11531411        11531625        .       -
        .       Parent=Smp_125500.1
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SM_V9_2 Liftoff exon    11535645        11535834        .       -
        .       Parent=Smp_125500.1
SM_V9_2 Liftoff exon    11536789        11536998        .       -
        .       Parent=Smp_125500.1
SM_V9_2 Liftoff exon    11548760        11548920        .       -
        .       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11525362        11525574        .       -
        0       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11527174        11527442        .       -
        2       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11527613        11527815        .       -
        1       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11529038        11529206        .       -
        2       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11531411        11531625        .       -
        1       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11535645        11535834        .       -
        2       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11536789        11536998        .       -
        2       Parent=Smp_125500.1
SM_V9_2 Liftoff CDS     11548760        11548787        .       -
        0       Parent=Smp_125500.1
SM_V9_2 iris    gene    11622967        11705941        .       -
        .
ID=Smp_125510;geneID=Smp_125510;gene_name=Smp_125510;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    11622967        11705941        .       -
        .
ID=Smp_125510.1;Parent=Smp_125510;geneID=Smp_125510;gene_name=Smp_12
5510;owner=irisadmin@local.host;orig_id=Smp_125510.1;date_last_modif
ied=2022-08-23;Name=Smp_125510.1;product=Cadherin EGF LAG seven-pass
G-type receptor 3;date_creation=2022-08-23
SM_V9_2 iris    exon    11622967        11625009        .       -
        .       Parent=Smp_125510.1;Name=862f5471-c4c0-45f8-
a872-5286f850d887
SM_V9_2 iris    exon    11631724        11632420        .       -
        .       Parent=Smp_125510.1;Name=53f2bb3d-
da20-446c-8e4c-9671df0ad8be
SM_V9_2 iris    exon    11633216        11633947        .       -
        .       Parent=Smp_125510.1;Name=7a04e167-09f8-4867-
bab8-4d50791587ed
SM_V9_2 iris    exon    11635430        11635833        .       -
        .
Parent=Smp_125510.1;Name=68afc776-0a79-467a-8a2e-12fc555da70d
SM_V9_2 iris    exon    11641158        11641296        .       -
        .       Parent=Smp_125510.1;Name=cccba277-cf88-410d-
aaf3-8489ecf31ecc
SM_V9_2 iris    exon    11643141        11643548        .       -
        .       Parent=Smp_125510.1;Name=7f133093-9b54-4d32-a36e-
f96762a588f8
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        .       Parent=Smp_125510.1;Name=b2bdf7b7-
ff2d-4e61-85b0-52c3992b12e4
SM_V9_2 iris    exon    11666172        11666729        .       -
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SM_V9_2 iris    exon    11677783        11678088        .       -
        .       Parent=Smp_125510.1;Name=8b9b70b5-481d-4971-
b620-663dd66c0ff7
SM_V9_2 iris    exon    11684446        11685504        .       -
        .
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SM_V9_2 iris    exon    11705484        11705941        .       -
        .
Parent=Smp_125510.1;Name=69c5cfa9-6799-400c-9a98-4829ab9863ee
SM_V9_2 iris    CDS     11624921        11625009        .       -
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SM_V9_2 iris    CDS     11631724        11632420        .       -
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SM_V9_2 iris    CDS     11633216        11633947        .       -
        0       Parent=Smp_125510.1
SM_V9_2 iris    CDS     11635430        11635833        .       -
        2       Parent=Smp_125510.1
SM_V9_2 iris    CDS     11641158        11641296        .       -
        0       Parent=Smp_125510.1
SM_V9_2 iris    CDS     11643141        11643548        .       -
        0       Parent=Smp_125510.1
SM_V9_2 iris    CDS     11655434        11655589        .       -
        0       Parent=Smp_125510.1
SM_V9_2 iris    CDS     11666172        11666729        .       -
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SM_V9_2 iris    CDS     11677783        11678088        .       -
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SM_V9_2 iris    CDS     11684446        11685495        .       -
        0       Parent=Smp_125510.1
SM_V9_2 iris    gene    11785309        11787187        .       -
        .
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@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    11785306        11787295        .       -
        .
ID=Smp_350130.1;Parent=Smp_350130;geneID=Smp_350130;gene_name=Smp_35
0130;owner=irisadmin@local.host;date_last_modified=2022-08-23;Name=S
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SM_V9_2 iris    exon    11785306        11787295        .       -
        .       Parent=Smp_350130.1;Name=Smp_350130.1-CDS
SM_V9_2 iris    CDS     11785504        11787135        .       -
        0       Parent=Smp_350130.1
SM_V9_2 iris    gene    11791754        11812333        .       +
        .
ID=Smp_125520;geneID=Smp_125520;gene_name=Smp_125520;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    11791754        11812333        .       +
        .
ID=Smp_125520.1;Parent=Smp_125520;geneID=Smp_125520;gene_name=Smp_12
5520;owner=irisadmin@local.host;orig_id=Smp_125520.2;date_last_modif
ied=2022-08-01;Name=Smp_125520.1;product=Protein arginine
methyltransferase NDUFAF7, mitochondrial;date_creation=2022-07-29
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SM_V9_2 iris    exon    11791754        11793131        .       +
        .       Parent=Smp_125520.1;Name=e19bd6c6-017e-476c-a091-
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SM_V9_2 iris    exon    11793168        11793248        .       +
        .       Parent=Smp_125520.1;Name=a612a835-
e71f-4113-985a-719accbf0d97
SM_V9_2 iris    exon    11793283        11793393        .       +
        .       Parent=Smp_125520.1;Name=581ae2a5-9b83-4186-b0bf-
af78f8b3076f
SM_V9_2 iris    exon    11798310        11798537        .       +
        .       Parent=Smp_125520.1;Name=e77e4614-2cd2-4cfd-
b86b-16b6b5c71067
SM_V9_2 iris    exon    11799149        11799259        .       +
        .       Parent=Smp_125520.1;Name=9d4da9a1-e08f-4987-
bfec-8a64ba60a9c6
SM_V9_2 iris    exon    11801939        11802091        .       +
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SM_V9_2 iris    exon    11807155        11807269        .       +
        .
Parent=Smp_125520.1;Name=2c3bf784-6003-45fd-9b45-3285c231d2d9
SM_V9_2 iris    exon    11809265        11809332        .       +
        .       Parent=Smp_125520.1;Name=a9c2ead1-22a8-4c2e-8086-
d80da7acb21b
SM_V9_2 iris    exon    11812011        11812333        .       +
        .       Parent=Smp_125520.1;Name=2a1c1d14-e238-4080-9d76-
b74d1fe65007
SM_V9_2 iris    CDS     11792934        11793131        .       +
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SM_V9_2 iris    CDS     11793168        11793248        .       +
        0       Parent=Smp_125520.1
SM_V9_2 iris    CDS     11793283        11793393        .       +
        0       Parent=Smp_125520.1
SM_V9_2 iris    CDS     11798310        11798537        .       +
        0       Parent=Smp_125520.1
SM_V9_2 iris    CDS     11799149        11799259        .       +
        0       Parent=Smp_125520.1
SM_V9_2 iris    CDS     11801939        11802091        .       +
        0       Parent=Smp_125520.1
SM_V9_2 iris    CDS     11807155        11807269        .       +
        0       Parent=Smp_125520.1
SM_V9_2 iris    CDS     11809265        11809332        .       +
        2       Parent=Smp_125520.1
SM_V9_2 iris    CDS     11812011        11812220        .       +
        0       Parent=Smp_125520.1
SM_V9_2 Liftoff gene    11816775        11839075        .       +
        .       ID=Smp_039470;geneID=Smp_039470
SM_V9_2 Liftoff mRNA    11816775        11839075        .       +
        .
ID=Smp_039470.1;Parent=Smp_039470;geneID=Smp_039470;product=Protein
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oculis;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR
031701
Pfam:PF00046,PF16878;Ontology_term=GO:0003677,GO:0006355,GO:0043565
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SM_V9_2 Liftoff exon    11816775        11818303        .       +
        .       Parent=Smp_039470.1
SM_V9_2 Liftoff exon    11826053        11826610        .       +
        .       Parent=Smp_039470.1
SM_V9_2 Liftoff exon    11828052        11828508        .       +
        .       Parent=Smp_039470.1
SM_V9_2 Liftoff exon    11838524        11839075        .       +
        .       Parent=Smp_039470.1
SM_V9_2 Liftoff CDS     11818223        11818303        .       +
        0       Parent=Smp_039470.1
SM_V9_2 Liftoff CDS     11826053        11826610        .       +
        0       Parent=Smp_039470.1
SM_V9_2 Liftoff CDS     11828052        11828508        .       +
        0       Parent=Smp_039470.1
SM_V9_2 Liftoff CDS     11838524        11838576        .       +
        2       Parent=Smp_039470.1
SM_V9_2 Liftoff mRNA    11816775        11839075        .       +
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oculis;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR
031701
Pfam:PF00046,PF16878;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_2 Liftoff exon    11816775        11818303        .       +
        .       Parent=Smp_039470.2
SM_V9_2 Liftoff exon    11825517        11825603        .       +
        .       Parent=Smp_039470.2
SM_V9_2 Liftoff exon    11826053        11826610        .       +
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SM_V9_2 Liftoff exon    11828052        11828508        .       +
        .       Parent=Smp_039470.2
SM_V9_2 Liftoff exon    11838524        11839075        .       +
        .       Parent=Smp_039470.2
SM_V9_2 Liftoff CDS     11818223        11818303        .       +
        0       Parent=Smp_039470.2
SM_V9_2 Liftoff CDS     11825517        11825603        .       +
        0       Parent=Smp_039470.2
SM_V9_2 Liftoff CDS     11826053        11826610        .       +
        0       Parent=Smp_039470.2
SM_V9_2 Liftoff CDS     11828052        11828508        .       +
        0       Parent=Smp_039470.2
SM_V9_2 Liftoff CDS     11838524        11838576        .       +
        2       Parent=Smp_039470.2
SM_V9_2 Liftoff gene    11846734        11981284        .       +
        .
ID=Smp_310550;geneID=Smp_310550;previous_systematic_id=Smp_143610,Sm
p_143620
SM_V9_2 Liftoff mRNA    11846734        11981284        .       +
        .
ID=Smp_310550.1;Parent=Smp_310550;geneID=Smp_310550;product=Nesprin-
1;polypeptide_domain=InterPro:IPR001589,IPR001715
Pfam:PF00307;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    11846734        11847119        .       +
        .       Parent=Smp_310550.1
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SM_V9_2 Liftoff exon    11854503        11854564        .       +
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SM_V9_2 Liftoff exon    11859047        11859142        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11871537        11871623        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11873712        11873804        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11875853        11876067        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11876918        11877114        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11877736        11877821        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11879101        11879691        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11880149        11880265        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11882309        11882659        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11883849        11884181        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11889221        11889562        .       +
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SM_V9_2 Liftoff exon    11891754        11891990        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11895904        11896134        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11897384        11897704        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11898200        11898343        .       +
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        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11904051        11904212        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11905949        11906172        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11907745        11908073        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11910943        11912471        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11917623        11918406        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11920585        11924003        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11926351        11926950        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11927792        11928202        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11930848        11931342        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11932729        11934426        .       +
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SM_V9_2 Liftoff exon    11936693        11937469        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11938870        11939910        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11941746        11942036        .       +
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        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11945312        11945449        .       +
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SM_V9_2 Liftoff exon    11951296        11952165        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11954279        11954647        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11955972        11961776        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11963251        11963403        .       +
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SM_V9_2 Liftoff exon    11964027        11964194        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11966064        11966432        .       +
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SM_V9_2 Liftoff exon    11967078        11967230        .       +
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SM_V9_2 Liftoff exon    11968292        11968861        .       +
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SM_V9_2 Liftoff exon    11969689        11970102        .       +
        .       Parent=Smp_310550.1
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SM_V9_2 Liftoff exon    11976484        11977035        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff exon    11977400        11981284        .       +
        .       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11847092        11847119        .       +
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SM_V9_2 Liftoff CDS     11859047        11859142        .       +
        0       Parent=Smp_310550.1
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        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11875853        11876067        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11876918        11877114        .       +
        1       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11877736        11877821        .       +
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SM_V9_2 Liftoff CDS     11879101        11879691        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11880149        11880265        .       +
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        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11891754        11891990        .       +
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SM_V9_2 Liftoff CDS     11895904        11896134        .       +
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SM_V9_2 Liftoff CDS     11897384        11897704        .       +
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SM_V9_2 Liftoff CDS     11898200        11898343        .       +
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SM_V9_2 Liftoff CDS     11930848        11931342        .       +
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SM_V9_2 Liftoff CDS     11932729        11934426        .       +
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        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11944035        11944556        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11945312        11945449        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11951296        11952165        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11954279        11954647        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11955972        11961776        .       +
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SM_V9_2 Liftoff CDS     11963251        11963403        .       +
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        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11968292        11968861        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11969689        11970102        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11972750        11973100        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11976484        11977035        .       +
        0       Parent=Smp_310550.1
SM_V9_2 Liftoff CDS     11977400        11978947        .       +
        0       Parent=Smp_310550.1
SM_V9_2 iris    gene    11991169        12056641        .       +
        .
ID=Smp_333780;geneID=Smp_333780;gene_name=Smp_333780;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    11991169        12056641        .       +
        .
ID=Smp_333780.1;Parent=Smp_333780;geneID=Smp_333780;gene_name=Smp_33
3780;owner=irisadmin@local.host;orig_id=Smp_333780.2;date_last_modif
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protein;date_creation=2022-07-29
SM_V9_2 iris    exon    11991169        11991771        .       +
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ac936a0e7ade
SM_V9_2 iris    exon    11993128        11993242        .       +
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SM_V9_2 iris    exon    11994418        11994584        .       +
        .
Parent=Smp_333780.1;Name=ba571144-1246-4b60-97c8-267644db563b
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SM_V9_2 iris    exon    11998590        11999121        .       +
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b1f2-167192470a67
SM_V9_2 iris    exon    12000278        12000402        .       +
        .       Parent=Smp_333780.1;Name=e60e5b4b-b0ef-4e30-a9cf-
e36c253123b0
SM_V9_2 iris    exon    12001702        12001966        .       +
        .       Parent=Smp_333780.1;Name=618d12b8-c0fd-41d4-
ba60-39af1bae70df
SM_V9_2 iris    exon    12003344        12003715        .       +
        .       Parent=Smp_333780.1;Name=92062876-7baf-49cf-
b4c0-75077fdadc3d
SM_V9_2 iris    exon    12006201        12006560        .       +
        .
Parent=Smp_333780.1;Name=80c8b8e8-87e1-402d-866d-1f9a522cb421
SM_V9_2 iris    exon    12007898        12008392        .       +
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        .       Parent=Smp_333780.1;Name=ec07fad9-c95f-476d-bfea-
adb7c76fb557
SM_V9_2 iris    exon    12009700        12009949        .       +
        .       Parent=Smp_333780.1;Name=71039d9f-1715-495c-
a9ea-03b029e3c6c3
SM_V9_2 iris    exon    12012967        12014393        .       +
        .
Parent=Smp_333780.1;Name=9b374633-3f8e-432a-8edc-063c24a80f27
SM_V9_2 iris    exon    12015244        12015888        .       +
        .       Parent=Smp_333780.1;Name=79dd2a77-a03d-4a7e-bc14-
faafcc4f2acf
SM_V9_2 iris    exon    12017299        12018195        .       +
        .       Parent=Smp_333780.1;Name=bd123f64-ba3a-4edf-
a3c4-72e24400e47d
SM_V9_2 iris    exon    12020299        12020611        .       +
        .       Parent=Smp_333780.1;Name=a19571b1-2dee-489f-
a76b-1181e30c55ae
SM_V9_2 iris    exon    12023024        12023550        .       +
        .       Parent=Smp_333780.1;Name=7dee841a-7e6c-4a36-
a004-90564ac16048
SM_V9_2 iris    exon    12025067        12025435        .       +
        .       Parent=Smp_333780.1;Name=cd082ffb-
ee3f-42aa-8293-18118f4251b8
SM_V9_2 iris    exon    12026996        12027174        .       +
        .
Parent=Smp_333780.1;Name=3a5f41f8-915a-45cc-99c3-1b05db0516d8
SM_V9_2 iris    exon    12029406        12029511        .       +
        .       Parent=Smp_333780.1;Name=c7b2f316-5e31-4814-929a-
c97959fd85fe
SM_V9_2 iris    exon    12034363        12035962        .       +
        .       Parent=Smp_333780.1;Name=34a4e7e0-f86d-4751-
bce4-6a133cc6db4a
SM_V9_2 iris    exon    12041817        12042075        .       +
        .
Parent=Smp_333780.1;Name=3bdde58a-9cc7-4500-84a5-251630e6abd6
SM_V9_2 iris    exon    12043600        12044062        .       +
        .       Parent=Smp_333780.1;Name=7c694c0d-
fb06-4da5-856a-49366ca9de99
SM_V9_2 iris    exon    12050198        12050217        .       +
        .       Parent=Smp_333780.1;Name=2d215b66-
a476-4ee0-81e1-8b65d814b3a0
SM_V9_2 iris    exon    12051993        12052026        .       +
        .       Parent=Smp_333780.1;Name=a3dfef5e-020c-4a0a-8c89-
adb8218fcd13
SM_V9_2 iris    exon    12052173        12052237        .       +
        .       Parent=Smp_333780.1;Name=8a9a46d4-f2b8-4fa3-b01c-
db2e738faac3
SM_V9_2 iris    exon    12055204        12056641        .       +
        .       Parent=Smp_333780.1;Name=4aae5e10-73e1-4de4-8de3-
ccfb3b98d95d
SM_V9_2 iris    CDS     11991298        11991771        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     11993128        11993242        .       +
        0       Parent=Smp_333780.1
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SM_V9_2 iris    CDS     11994418        11994584        .       +
        2       Parent=Smp_333780.1
SM_V9_2 iris    CDS     11995564        11995757        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     11998590        11999121        .       +
        1       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12000278        12000402        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12001702        12001966        .       +
        1       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12003344        12003715        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12006201        12006560        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12007898        12008392        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12009700        12009949        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12012967        12014393        .       +
        2       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12015244        12015888        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12017299        12018195        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12020299        12020611        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12023024        12023550        .       +
        2       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12025067        12025435        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12026996        12027174        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12029406        12029511        .       +
        1       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12034363        12035962        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12041817        12042075        .       +
        2       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12043600        12044062        .       +
        1       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12050198        12050217        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12051993        12052026        .       +
        1       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12052173        12052237        .       +
        0       Parent=Smp_333780.1
SM_V9_2 iris    CDS     12055204        12056335        .       +
        1       Parent=Smp_333780.1
SM_V9_2 Liftoff gene    12065242        12073048        .       +
        .       ID=Smp_143580;geneID=Smp_143580
SM_V9_2 Liftoff mRNA    12065242        12073048        .       +
        .
ID=Smp_143580.1;Parent=Smp_143580;geneID=Smp_143580;product=MORN
repeat-containing protein 5;polypeptide_domain=InterPro:IPR003409
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Pfam:PF02493
SM_V9_2 Liftoff exon    12065242        12065323        .       +
        .       Parent=Smp_143580.1
SM_V9_2 Liftoff exon    12065357        12065504        .       +
        .       Parent=Smp_143580.1
SM_V9_2 Liftoff exon    12065536        12065644        .       +
        .       Parent=Smp_143580.1
SM_V9_2 Liftoff exon    12072711        12072842        .       +
        .       Parent=Smp_143580.1
SM_V9_2 Liftoff exon    12072875        12073048        .       +
        .       Parent=Smp_143580.1
SM_V9_2 Liftoff CDS     12065277        12065323        .       +
        0       Parent=Smp_143580.1
SM_V9_2 Liftoff CDS     12065357        12065504        .       +
        1       Parent=Smp_143580.1
SM_V9_2 Liftoff CDS     12065536        12065644        .       +
        0       Parent=Smp_143580.1
SM_V9_2 Liftoff CDS     12072711        12072842        .       +
        2       Parent=Smp_143580.1
SM_V9_2 Liftoff CDS     12072875        12072984        .       +
        2       Parent=Smp_143580.1
SM_V9_2 Liftoff gene    12073010        12073675        .       -
        .       ID=Smp_039400;geneID=Smp_039400
SM_V9_2 Liftoff mRNA    12073010        12073675        .       -
        .
ID=Smp_039400.1;Parent=Smp_039400;geneID=Smp_039400;product=eukaryot
ic translation initiation factor 5A;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR001884,IPR008991,IPR012340,
IPR014722,IPR019769,IPR020189
Pfam:PF01287;Ontology_term=GO:0003723,GO:0003746,GO:0006452,GO:00430
22,GO:0045901,GO:0045905
SM_V9_2 Liftoff exon    12073010        12073160        .       -
        .       Parent=Smp_039400.1
SM_V9_2 Liftoff exon    12073197        12073675        .       -
        .       Parent=Smp_039400.1
SM_V9_2 Liftoff CDS     12073095        12073160        .       -
        0       Parent=Smp_039400.1
SM_V9_2 Liftoff CDS     12073197        12073613        .       -
        0       Parent=Smp_039400.1
SM_V9_2 iris    gene    12108867        12114682        .       +
        .
ID=Smp_039390;geneID=Smp_039390;gene_name=Smp_039390;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12108867        12114682        .       +
        .
ID=Smp_039390.1;Parent=Smp_039390;geneID=Smp_039390;gene_name=Smp_03
9390;owner=irisadmin@local.host;orig_id=Smp_039390.1;date_last_modif
ied=2022-08-01;Name=Smp_039390.1;product=ATP synthase subunit s-like
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    12108867        12109083        .       +
        .       Parent=Smp_039390.1;Name=de2eb7d7-
d4b7-4ed5-912b-8cf1972fe206
SM_V9_2 iris    exon    12109121        12109308        .       +
        .       Parent=Smp_039390.1;Name=c000ec62-76cb-4867-
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bb63-4473166cad4e
SM_V9_2 iris    exon    12109335        12109555        .       +
        .       Parent=Smp_039390.1;Name=dbe28f1f-
b604-4f28-9156-94d694536d6f
SM_V9_2 iris    exon    12114127        12114286        .       +
        .
Parent=Smp_039390.1;Name=b6cd26b4-53c0-435e-87ac-7a3bc42eceec
SM_V9_2 iris    exon    12114402        12114682        .       +
        .       Parent=Smp_039390.1;Name=0baffe8c-0ec4-4777-8059-
fa73438e9700
SM_V9_2 iris    CDS     12108949        12109083        .       +
        0       Parent=Smp_039390.1
SM_V9_2 iris    CDS     12109121        12109308        .       +
        0       Parent=Smp_039390.1
SM_V9_2 iris    CDS     12109335        12109555        .       +
        1       Parent=Smp_039390.1
SM_V9_2 iris    CDS     12114127        12114286        .       +
        2       Parent=Smp_039390.1
SM_V9_2 iris    CDS     12114402        12114639        .       +
        1       Parent=Smp_039390.1
SM_V9_2 iris    gene    12114563        12158630        .       -
        .
ID=Smp_213100;geneID=Smp_213100;gene_name=Smp_213100;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12114563        12158630        .       -
        .
ID=Smp_213100.1;Parent=Smp_213100;geneID=Smp_213100;gene_name=Smp_21
3100;owner=irisadmin@local.host;orig_id=Smp_213100.1;date_last_modif
ied=2022-08-01;Name=Smp_213100.1;product=Conserved oligomeric Golgi
complex subunit 2;date_creation=2022-07-29
SM_V9_2 iris    exon    12114563        12114841        .       -
        .       Parent=Smp_213100.1;Name=a58d0dff-e351-4eb9-
b05c-6805539b1ae3
SM_V9_2 iris    exon    12118730        12118925        .       -
        .
Parent=Smp_213100.1;Name=48ffb288-766c-4cec-9334-75ec9e351baf
SM_V9_2 iris    exon    12126648        12126868        .       -
        .       Parent=Smp_213100.1;Name=3e7cbd70-efec-4898-
a3d3-2d4bdc91d0d2
SM_V9_2 iris    exon    12128875        12129180        .       -
        .       Parent=Smp_213100.1;Name=125d3055-2667-4492-
a314-492ff8844bd2
SM_V9_2 iris    exon    12133853        12134016        .       -
        .       Parent=Smp_213100.1;Name=d3e6af68-ef7c-47b0-85f9-
c4f60e1c75f0
SM_V9_2 iris    exon    12135037        12135110        .       -
        .
Parent=Smp_213100.1;Name=137f0641-5a88-4291-8432-13520182842f
SM_V9_2 iris    exon    12137751        12137890        .       -
        .       Parent=Smp_213100.1;Name=daa6c2d3-0c55-484f-
a663-75cfa093a906
SM_V9_2 iris    exon    12139743        12139863        .       -
        .       Parent=Smp_213100.1;Name=2f3b5df9-dce1-4bb4-9c13-
e7019b31d4d7
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SM_V9_2 iris    exon    12142181        12142332        .       -
        .       Parent=Smp_213100.1;Name=6fc53c41-
ae2f-4370-925a-8745303a68b8
SM_V9_2 iris    exon    12146241        12146468        .       -
        .       Parent=Smp_213100.1;Name=4d78dba3-147a-45d7-aa85-
ef62ec096ba8
SM_V9_2 iris    exon    12147421        12147532        .       -
        .
Parent=Smp_213100.1;Name=57ffd1c0-93df-4ad0-8f13-6dbf74862b37
SM_V9_2 iris    exon    12148468        12148709        .       -
        .
Parent=Smp_213100.1;Name=d54616e5-7412-4f11-9b87-68eac58651c0
SM_V9_2 iris    exon    12151206        12151286        .       -
        .       Parent=Smp_213100.1;Name=8ad4a96d-e720-41c8-8282-
e612883b0fc2
SM_V9_2 iris    exon    12155176        12155406        .       -
        .       Parent=Smp_213100.1;Name=e7ae5b28-32a4-4a28-b5ac-
babfc2d160ee
SM_V9_2 iris    exon    12158480        12158630        .       -
        .
Parent=Smp_213100.1;Name=b20a3c97-0171-4407-8bc0-24b0dd583dce
SM_V9_2 iris    CDS     12114710        12114841        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12118730        12118925        .       -
        1       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12126648        12126868        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12128875        12129180        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12133853        12134016        .       -
        2       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12135037        12135110        .       -
        1       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12137751        12137890        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12139743        12139863        .       -
        1       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12142181        12142332        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12146241        12146468        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12147421        12147532        .       -
        1       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12148468        12148709        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12151206        12151286        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12155176        12155406        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    CDS     12158480        12158629        .       -
        0       Parent=Smp_213100.1
SM_V9_2 iris    gene    12158790        12176365        .       -
        .
ID=Smp_213110;geneID=Smp_213110;gene_name=Smp_213110;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
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        .
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3110;owner=irisadmin@local.host;orig_id=Smp_213110.1;date_last_modif
ied=2022-08-01;Name=Smp_213110.1;product=Zinc finger MYND domain-
containing protein 11;date_creation=2022-07-29
SM_V9_2 iris    exon    12158790        12160102        .       -
        .       Parent=Smp_213110.1;Name=8b24d4ce-0cc2-4701-b710-
bde45e2bc3c5
SM_V9_2 iris    exon    12160495        12161595        .       -
        .       Parent=Smp_213110.1;Name=c61cd7d1-ac70-4a9e-
ae95-899687ab7652
SM_V9_2 iris    exon    12164413        12164522        .       -
        .       Parent=Smp_213110.1;Name=413aff48-
a207-4655-94b0-8d523fefa2ba
SM_V9_2 iris    exon    12167171        12167252        .       -
        .       Parent=Smp_213110.1;Name=fde4e1f6-
dcaa-4b07-85d6-2e692f4f4aff
SM_V9_2 iris    exon    12169933        12170509        .       -
        .       Parent=Smp_213110.1;Name=8b1b4d33-a7c4-4b22-bfae-
e19a392b42c7
SM_V9_2 iris    exon    12171589        12171947        .       -
        .
Parent=Smp_213110.1;Name=3bc3b808-1e4a-44c9-8a62-9f01e417f0f9
SM_V9_2 iris    exon    12172475        12173493        .       -
        .       Parent=Smp_213110.1;Name=e39ee9a2-
ab7c-4e94-9d9c-2c9dd19f84fa
SM_V9_2 iris    exon    12176336        12176365        .       -
        .       Parent=Smp_213110.1;Name=a5c62f0d-
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SM_V9_2 iris    CDS     12159680        12160102        .       -
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SM_V9_2 iris    CDS     12160495        12161595        .       -
        0       Parent=Smp_213110.1
SM_V9_2 iris    CDS     12164413        12164522        .       -
        2       Parent=Smp_213110.1
SM_V9_2 iris    CDS     12167171        12167252        .       -
        0       Parent=Smp_213110.1
SM_V9_2 iris    CDS     12169933        12170509        .       -
        1       Parent=Smp_213110.1
SM_V9_2 iris    CDS     12171589        12171947        .       -
        0       Parent=Smp_213110.1
SM_V9_2 iris    CDS     12172475        12173473        .       -
        0       Parent=Smp_213110.1
SM_V9_2 Liftoff gene    12176469        12184069        .       +
        .       ID=Smp_143560;geneID=Smp_143560
SM_V9_2 Liftoff mRNA    12176469        12184069        .       +
        .
ID=Smp_143560.1;Parent=Smp_143560;geneID=Smp_143560;product=E3
ubiquitin-protein ligase
rnf146;polypeptide_domain=InterPro:IPR001841,IPR004170,IPR013083,IPR
017907,IPR018123 Pfam:PF02825,PF13920;Ontology_term=GO:0008270
SM_V9_2 Liftoff exon    12176469        12178504        .       +
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        .       Parent=Smp_143560.1
SM_V9_2 Liftoff exon    12181296        12181564        .       +
        .       Parent=Smp_143560.1
SM_V9_2 Liftoff exon    12183257        12184069        .       +
        .       Parent=Smp_143560.1
SM_V9_2 Liftoff CDS     12178321        12178504        .       +
        0       Parent=Smp_143560.1
SM_V9_2 Liftoff CDS     12181296        12181564        .       +
        2       Parent=Smp_143560.1
SM_V9_2 Liftoff CDS     12183257        12183700        .       +
        0       Parent=Smp_143560.1
SM_V9_2 Liftoff gene    12188973        12207205        .       -
        .       ID=Smp_143550;geneID=Smp_143550
SM_V9_2 Liftoff mRNA    12188973        12207205        .       -
        .
ID=Smp_143550.1;Parent=Smp_143550;geneID=Smp_143550;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    12188973        12189074        .       -
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SM_V9_2 Liftoff exon    12193582        12193746        .       -
        .       Parent=Smp_143550.1
SM_V9_2 Liftoff exon    12198708        12199302        .       -
        .       Parent=Smp_143550.1
SM_V9_2 Liftoff exon    12201286        12201475        .       -
        .       Parent=Smp_143550.1
SM_V9_2 Liftoff exon    12205571        12205633        .       -
        .       Parent=Smp_143550.1
SM_V9_2 Liftoff exon    12205682        12207205        .       -
        .       Parent=Smp_143550.1
SM_V9_2 Liftoff CDS     12188995        12189074        .       -
        2       Parent=Smp_143550.1
SM_V9_2 Liftoff CDS     12193582        12193746        .       -
        2       Parent=Smp_143550.1
SM_V9_2 Liftoff CDS     12198708        12199302        .       -
        0       Parent=Smp_143550.1
SM_V9_2 Liftoff CDS     12201286        12201475        .       -
        1       Parent=Smp_143550.1
SM_V9_2 Liftoff CDS     12205571        12205633        .       -
        1       Parent=Smp_143550.1
SM_V9_2 Liftoff CDS     12205682        12205740        .       -
        0       Parent=Smp_143550.1
SM_V9_2 iris    gene    12223010        12280422        .       -
        .
ID=Smp_245560;geneID=Smp_245560;gene_name=Smp_245560;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12223010        12280422        .       -
        .
ID=Smp_245560.1;Parent=Smp_245560;geneID=Smp_245560;gene_name=Smp_24
5560;owner=irisadmin@local.host;orig_id=Smp_245560.1;date_last_modif
ied=2022-08-01;Name=Smp_245560.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    12223010        12224370        .       -
        .       Parent=Smp_245560.1;Name=3bde5c21-571e-4e13-a7f4-
a2d9c40a0ae8
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SM_V9_2 iris    exon    12225461        12225635        .       -
        .
Parent=Smp_245560.1;Name=d2841c9a-1fb8-44cc-9f98-4941ca9c66c4
SM_V9_2 iris    exon    12226917        12227110        .       -
        .       Parent=Smp_245560.1;Name=dd67b365-9a8e-4039-
a886-9ba01bf020fa
SM_V9_2 iris    exon    12229442        12229836        .       -
        .
Parent=Smp_245560.1;Name=3b88a250-621d-4192-8f8a-5c6ea7080beb
SM_V9_2 iris    exon    12232029        12232175        .       -
        .       Parent=Smp_245560.1;Name=05c78f9b-
e67e-4140-863a-1bcba7a5e206
SM_V9_2 iris    exon    12233669        12234050        .       -
        .       Parent=Smp_245560.1;Name=ccef05e5-5522-4f84-
b10b-5deadff39106
SM_V9_2 iris    exon    12234811        12235275        .       -
        .       Parent=Smp_245560.1;Name=22a34c91-d4c3-452f-
bb22-7a52bc14fd7e
SM_V9_2 iris    exon    12236448        12237091        .       -
        .       Parent=Smp_245560.1;Name=66a6e7c4-d2b1-4b2f-a215-
c3971b44a72d
SM_V9_2 iris    exon    12242312        12242592        .       -
        .       Parent=Smp_245560.1;Name=d556d049-965f-4da9-
b1a7-944393c2947d
SM_V9_2 iris    exon    12244760        12245189        .       -
        .       Parent=Smp_245560.1;Name=88eb61f5-d5ed-44e1-9439-
ee277d637945
SM_V9_2 iris    exon    12248163        12248316        .       -
        .       Parent=Smp_245560.1;Name=252010bf-a31a-45e9-8c37-
c3b4e62c4cf0
SM_V9_2 iris    exon    12249991        12250323        .       -
        .       Parent=Smp_245560.1;Name=1819786c-280b-4b17-
b265-53740a7be529
SM_V9_2 iris    exon    12251950        12252032        .       -
        .
Parent=Smp_245560.1;Name=b113638c-8d0f-4996-8922-3b0f199a60d0
SM_V9_2 iris    exon    12253677        12253730        .       -
        .       Parent=Smp_245560.1;Name=02c08999-9a90-4507-b665-
fc1824bf9517
SM_V9_2 iris    exon    12277979        12278246        .       -
        .       Parent=Smp_245560.1;Name=e37fcfa9-
cd0b-4a00-9c75-45b1ae1ae6b3
SM_V9_2 iris    exon    12279943        12280095        .       -
        .
Parent=Smp_245560.1;Name=c617f286-40c1-4f39-8c59-2b51eb822a53
SM_V9_2 iris    exon    12280128        12280250        .       -
        .
Parent=Smp_245560.1;Name=42ff3150-90cd-4bfe-87b8-5c2501fce239
SM_V9_2 iris    exon    12280286        12280422        .       -
        .       Parent=Smp_245560.1;Name=59a03863-14ed-4627-
a6bd-56c1e23f4905
SM_V9_2 iris    CDS     12223951        12224370        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12225461        12225635        .       -
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        1       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12226917        12227110        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12229442        12229836        .       -
        2       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12232029        12232175        .       -
        2       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12233669        12234050        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12234811        12235275        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12236448        12237091        .       -
        2       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12242312        12242592        .       -
        1       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12244760        12245189        .       -
        2       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12248163        12248316        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12249991        12250323        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12251950        12252032        .       -
        2       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12253677        12253730        .       -
        2       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12277979        12278246        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12279943        12280095        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12280128        12280250        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    CDS     12280286        12280303        .       -
        0       Parent=Smp_245560.1
SM_V9_2 iris    gene    12292517        12330406        .       +
        .
ID=Smp_039300;geneID=Smp_039300;gene_name=Smp_039300;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    12292517        12330406        .       +
        .
ID=Smp_039300.1;Parent=Smp_039300;geneID=Smp_039300;gene_name=Smp_03
9300;owner=irisadmin@local.host;orig_id=Smp_039300.1;date_last_modif
ied=2022-08-23;Name=Smp_039300.1;product=Tripartite motif-containing
protein 2;date_creation=2022-08-23
SM_V9_2 iris    exon    12292517        12293149        .       +
        .       Parent=Smp_039300.1;Name=c110a785-13af-4c7b-86e6-
e1df5f00150f
SM_V9_2 iris    exon    12314114        12315258        .       +
        .       Parent=Smp_039300.1;Name=67b22cf2-
ccde-435f-8846-508689df9f03
SM_V9_2 iris    exon    12327965        12328413        .       +
        .       Parent=Smp_039300.1;Name=2210548f-2e84-4686-
a1d8-3661362d6e6b
SM_V9_2 iris    exon    12329760        12330406        .       +
        .       Parent=Smp_039300.1;Name=c58b18d6-
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fa30-421d-8a36-5c9e5cdbecbf
SM_V9_2 iris    CDS     12293092        12293149        .       +
        0       Parent=Smp_039300.1
SM_V9_2 iris    CDS     12314114        12315258        .       +
        2       Parent=Smp_039300.1
SM_V9_2 iris    CDS     12327965        12328413        .       +
        0       Parent=Smp_039300.1
SM_V9_2 iris    CDS     12329760        12330285        .       +
        1       Parent=Smp_039300.1
SM_V9_2 Liftoff gene    12337199        12381451        .       +
        .
ID=Smp_245550;geneID=Smp_245550;previous_systematic_id=Smp_143500,Sm
p_143510
SM_V9_2 Liftoff mRNA    12337199        12364213        .       +
        .
ID=Smp_245550.2;Parent=Smp_245550;geneID=Smp_245550;product=Homeobox
protein cut;polypeptide_domain=InterPro:IPR003350,IPR010982
Pfam:PF02376;Ontology_term=GO:0003677
SM_V9_2 Liftoff exon    12337199        12340376        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12345136        12345319        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12346189        12346771        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12351716        12352396        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12353410        12353993        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12355069        12355494        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12357480        12358383        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12359180        12359320        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff exon    12363893        12364213        .       +
        .       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12340126        12340376        .       +
        0       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12345136        12345319        .       +
        1       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12346189        12346771        .       +
        0       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12351716        12352396        .       +
        2       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12353410        12353993        .       +
        2       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12355069        12355494        .       +
        0       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12357480        12358383        .       +
        0       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12359180        12359320        .       +
        2       Parent=Smp_245550.2
SM_V9_2 Liftoff CDS     12363893        12363894        .       +
        2       Parent=Smp_245550.2
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SM_V9_2 Liftoff mRNA    12337199        12381451        .       +
        .
ID=Smp_245550.1;Parent=Smp_245550;geneID=Smp_245550;product=Homeobox
protein cut-like 1;polypeptide_domain=InterPro:IPR003350,IPR010982
Pfam:PF02376;Ontology_term=GO:0003677
SM_V9_2 Liftoff exon    12337199        12340376        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12345136        12345319        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12346189        12346771        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12351716        12352396        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12353410        12353993        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12355069        12355494        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12357480        12358383        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12359180        12359320        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12367416        12367873        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12375344        12375551        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12377011        12377786        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff exon    12379515        12381451        .       +
        .       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12340126        12340376        .       +
        0       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12345136        12345319        .       +
        1       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12346189        12346771        .       +
        0       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12351716        12352396        .       +
        2       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12353410        12353993        .       +
        2       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12355069        12355494        .       +
        0       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12357480        12358383        .       +
        0       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12359180        12359320        .       +
        2       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12367416        12367873        .       +
        2       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12375344        12375551        .       +
        0       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12377011        12377786        .       +
        2       Parent=Smp_245550.1
SM_V9_2 Liftoff CDS     12379515        12379907        .       +
        0       Parent=Smp_245550.1
SM_V9_2 Liftoff gene    12385969        12395965        .       +
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        .       ID=Smp_143490;geneID=Smp_143490
SM_V9_2 Liftoff mRNA    12385969        12395965        .       +
        .
ID=Smp_143490.1;Parent=Smp_143490;geneID=Smp_143490;product=DNA
replication licensing factor
mcm5;polypeptide_domain=InterPro:IPR001208,IPR008048,IPR012340,IPR01
8525,IPR027417,IPR027925,IPR031327,IPR033762
Pfam:PF00493,PF14551,PF17207;Ontology_term=GO:0003677,GO:0003678,GO:
0003682,GO:0003688,GO:0005524,GO:0005634,GO:0006260,GO:0006270,GO:00
42555
SM_V9_2 Liftoff exon    12385969        12386145        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12386178        12386304        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12386338        12386532        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12386568        12386836        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12387358        12387439        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12388527        12388819        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12390125        12390305        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12391124        12391264        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12392814        12393031        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12394457        12394675        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12394888        12395158        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff exon    12395685        12395965        .       +
        .       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12385991        12386145        .       +
        0       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12386178        12386304        .       +
        1       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12386338        12386532        .       +
        0       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12386568        12386836        .       +
        0       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12387358        12387439        .       +
        1       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12388527        12388819        .       +
        0       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12390125        12390305        .       +
        1       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12391124        12391264        .       +
        0       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12392814        12393031        .       +
        0       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12394457        12394675        .       +
        1       Parent=Smp_143490.1
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SM_V9_2 Liftoff CDS     12394888        12395158        .       +
        1       Parent=Smp_143490.1
SM_V9_2 Liftoff CDS     12395685        12395786        .       +
        0       Parent=Smp_143490.1
SM_V9_2 iris    gene    12396990        12409945        .       -
        .
ID=Smp_143480;geneID=Smp_143480;gene_name=Smp_143480;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12396990        12409945        .       -
        .
ID=Smp_143480.1;Parent=Smp_143480;geneID=Smp_143480;gene_name=Smp_14
3480;owner=irisadmin@local.host;orig_id=Smp_143480.1;date_last_modif
ied=2022-08-01;Name=Smp_143480.1;product=Low-density lipoprotein
receptor-related protein 11;date_creation=2022-07-29
SM_V9_2 iris    exon    12396990        12397864        .       -
        .       Parent=Smp_143480.1;Name=34c7f6aa-2378-4979-a6e2-
c1df3a6cd776
SM_V9_2 iris    exon    12400139        12400207        .       -
        .       Parent=Smp_143480.1;Name=fdc1f4bd-6941-4a19-b96b-
b6523865cd1f
SM_V9_2 iris    exon    12402896        12403714        .       -
        .       Parent=Smp_143480.1;Name=bf3dfc80-4b7a-43d3-
afcc-8bc643e1d0c6
SM_V9_2 iris    exon    12405254        12405385        .       -
        .
Parent=Smp_143480.1;Name=dd1f2444-69a1-4bc6-9ef9-01e0ba6dc887
SM_V9_2 iris    exon    12405439        12405552        .       -
        .       Parent=Smp_143480.1;Name=9095bf52-d30b-4202-b3e9-
f202388bda3a
SM_V9_2 iris    exon    12405589        12405712        .       -
        .       Parent=Smp_143480.1;Name=8434756a-ccea-44ee-9fa0-
ba1654877927
SM_V9_2 iris    exon    12405755        12406079        .       -
        .
Parent=Smp_143480.1;Name=a685e0dc-0381-4c80-8515-50381295e93a
SM_V9_2 iris    exon    12409746        12409945        .       -
        .
Parent=Smp_143480.1;Name=e76f4e02-6997-42cd-8376-337f59a109a6
SM_V9_2 iris    CDS     12397479        12397864        .       -
        2       Parent=Smp_143480.1
SM_V9_2 iris    CDS     12400139        12400207        .       -
        2       Parent=Smp_143480.1
SM_V9_2 iris    CDS     12402896        12403714        .       -
        2       Parent=Smp_143480.1
SM_V9_2 iris    CDS     12405254        12405385        .       -
        2       Parent=Smp_143480.1
SM_V9_2 iris    CDS     12405439        12405552        .       -
        2       Parent=Smp_143480.1
SM_V9_2 iris    CDS     12405589        12405712        .       -
        0       Parent=Smp_143480.1
SM_V9_2 iris    CDS     12405755        12406024        .       -
        0       Parent=Smp_143480.1
SM_V9_2 iris    gene    12418455        12437548        .       +
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ID=Smp_143470;geneID=Smp_143470;gene_name=Smp_143470;owner=irisadmin
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SM_V9_2 iris    mRNA    12418455        12437548        .       +
       .
ID=Smp_143470.1;Parent=Smp_143470;geneID=Smp_143470;gene_name=Smp_14
3470;owner=irisadmin@local.host;orig_id=Smp_143470.1;date_last_modif
ied=2022-08-23;Name=Smp_143470.1;product=Spectrin beta
chain;date_creation=2022-08-23
SM_V9_2 iris    exon    12418455        12418549        .       +
       .       Parent=Smp_143470.1;Name=8692f1d0-caeb-4385-
b539-511c139fdd1d
SM_V9_2 iris    exon    12421624        12421770        .       +
       .       Parent=Smp_143470.1;Name=b2a91e75-0bf0-4483-a6ae-
cc490a81bccf
SM_V9_2 iris    exon    12421811        12424773        .       +
       .       Parent=Smp_143470.1;Name=f02006a9-
f1da-4e1b-8aef-5434939bf026
SM_V9_2 iris    exon    12424811        12425002        .       +
       .       Parent=Smp_143470.1;Name=41d3fedd-061c-41ae-b6d6-
d8d51e750fa4
SM_V9_2 iris    exon    12425042        12425272        .       +
       .       Parent=Smp_143470.1;Name=7e1dd9d7-2e2b-4ae3-a93b-
e597d582fe77
SM_V9_2 iris    exon    12425309        12425386        .       +
       .       Parent=Smp_143470.1;Name=9ada71de-854c-44fc-a6c4-
d5aaddd60cdb
SM_V9_2 iris    exon    12425857        12426029        .       +
       .
Parent=Smp_143470.1;Name=6e93430d-0f95-4731-8792-52b591d1ded8
SM_V9_2 iris    exon    12426125        12426215        .       +
       .
Parent=Smp_143470.1;Name=cd9fe7b1-2b53-4aaf-9114-8675b560074f
SM_V9_2 iris    exon    12426261        12426407        .       +
       .       Parent=Smp_143470.1;Name=efa53d76-a9c0-4332-a713-
ae0f84234054
SM_V9_2 iris    exon    12426731        12426869        .       +
       .       Parent=Smp_143470.1;Name=373866be-3f0b-4a18-9799-
bcd4e168eeaf
SM_V9_2 iris    exon    12426976        12427163        .       +
       .
Parent=Smp_143470.1;Name=f4e5cd40-7d42-4ce7-90a1-8d5f1f72a5a2
SM_V9_2 iris    exon    12428126        12428449        .       +
       .       Parent=Smp_143470.1;Name=785f9d35-486a-4e09-
a9c7-34c7996e0c18
SM_V9_2 iris    exon    12429276        12429500        .       +
       .       Parent=Smp_143470.1;Name=c129c011-f45f-431c-b049-
caf96564a898
SM_V9_2 iris    exon    12429643        12429909        .       +
       .       Parent=Smp_143470.1;Name=e9828d01-30b0-430a-834c-
de53b0688185
SM_V9_2 iris    exon    12430915        12431226        .       +
       .       Parent=Smp_143470.1;Name=7108e70d-157a-4d0f-
bf5b-10bca302fab9
SM_V9_2 iris    exon    12432859        12432990        .       +
```

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        .       Parent=Smp_143470.1;Name=e24a5ac5-db29-4d17-a069-
f5367e2550f9
SM_V9_2 iris    exon    12433893        12434137        .       +
        .       Parent=Smp_143470.1;Name=716c2c13-
fc80-4078-9f16-60aa88258fbd
SM_V9_2 iris    exon    12434789        12434948        .       +
        .
Parent=Smp_143470.1;Name=0994ccd3-1cf9-484f-8440-73009d527af6
SM_V9_2 iris    exon    12435047        12435307        .       +
        .       Parent=Smp_143470.1;Name=2fab4309-fba9-4a0b-bb50-
c5b065afa935
SM_V9_2 iris    exon    12435523        12437548        .       +
        .       Parent=Smp_143470.1;Name=2b02caac-05e0-4cff-bfa8-
fa1cf2dcbbc6
SM_V9_2 iris    CDS     12421626        12421770        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12421811        12424773        .       +
        2       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12424811        12425002        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12425042        12425272        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12425309        12425386        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12425857        12426029        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12426125        12426215        .       +
        1       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12426261        12426407        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12426731        12426869        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12426976        12427163        .       +
        2       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12428126        12428449        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12429276        12429500        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12429643        12429909        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12430915        12431226        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12432859        12432990        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12433893        12434137        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12434789        12434948        .       +
        1       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12435047        12435307        .       +
        0       Parent=Smp_143470.1
SM_V9_2 iris    CDS     12435523        12436272        .       +
        0       Parent=Smp_143470.1
SM_V9_2 Liftoff gene    12509426        12529375        .       -
        .       ID=Smp_143460;geneID=Smp_143460
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SM_V9_2 Liftoff mRNA    12509426        12529375        .       -
        .
ID=Smp_143460.1;Parent=Smp_143460;geneID=Smp_143460;product=Guanylat
e kinase-associated protein
mars;polypeptide_domain=InterPro:IPR005026
Pfam:PF03359;Ontology_term=GO:0023052
SM_V9_2 Liftoff exon    12509426        12510018        .       -
        .       Parent=Smp_143460.1
SM_V9_2 Liftoff exon    12512857        12512929        .       -
        .       Parent=Smp_143460.1
SM_V9_2 Liftoff exon    12517293        12517747        .       -
        .       Parent=Smp_143460.1
SM_V9_2 Liftoff exon    12519818        12520032        .       -
        .       Parent=Smp_143460.1
SM_V9_2 Liftoff exon    12526979        12527347        .       -
        .       Parent=Smp_143460.1
SM_V9_2 Liftoff exon    12527382        12529375        .       -
        .       Parent=Smp_143460.1
SM_V9_2 Liftoff CDS     12509903        12510018        .       -
        2       Parent=Smp_143460.1
SM_V9_2 Liftoff CDS     12512857        12512929        .       -
        0       Parent=Smp_143460.1
SM_V9_2 Liftoff CDS     12517293        12517747        .       -
        2       Parent=Smp_143460.1
SM_V9_2 Liftoff CDS     12519818        12520032        .       -
        1       Parent=Smp_143460.1
SM_V9_2 Liftoff CDS     12526979        12527347        .       -
        1       Parent=Smp_143460.1
SM_V9_2 Liftoff CDS     12527382        12527569        .       -
        0       Parent=Smp_143460.1
SM_V9_2 Liftoff gene    12557255        12559455        .       -
        .       ID=Smp_179000;geneID=Smp_179000
SM_V9_2 Liftoff mRNA    12557255        12559455        .       -
        .
ID=Smp_179000.1;Parent=Smp_179000;geneID=Smp_179000;product=PHD and
RING finger domain-containing protein 1
SM_V9_2 Liftoff exon    12557255        12557437        .       -
        .       Parent=Smp_179000.1
SM_V9_2 Liftoff exon    12557476        12559455        .       -
        .       Parent=Smp_179000.1
SM_V9_2 Liftoff CDS     12557309        12557437        .       -
        0       Parent=Smp_179000.1
SM_V9_2 Liftoff CDS     12557476        12559329        .       -
        0       Parent=Smp_179000.1
SM_V9_2 Liftoff gene    12572469        12576367        .       +
        .       ID=Smp_102280;geneID=Smp_102280
SM_V9_2 Liftoff mRNA    12572469        12576367        .       +
        .
ID=Smp_102280.1;Parent=Smp_102280;geneID=Smp_102280;product=39S
ribosomal protein L47,
mitochondrial;polypeptide_domain=InterPro:IPR010729
Pfam:PF06984;Ontology_term=GO:0003735,GO:0005761,GO:0006412
SM_V9_2 Liftoff exon    12572469        12573394        .       +
        .       Parent=Smp_102280.1
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SM_V9_2 Liftoff exon    12573428        12573712        .       +
        .       Parent=Smp_102280.1
SM_V9_2 Liftoff exon    12575961        12576367        .       +
        .       Parent=Smp_102280.1
SM_V9_2 Liftoff CDS     12573377        12573394        .       +
        0       Parent=Smp_102280.1
SM_V9_2 Liftoff CDS     12573428        12573712        .       +
        0       Parent=Smp_102280.1
SM_V9_2 Liftoff CDS     12575961        12576302        .       +
        0       Parent=Smp_102280.1
SM_V9_2 iris    gene    12578731        12581531        .       -
        .
ID=Smp_179010;geneID=Smp_179010;gene_name=Smp_179010;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12578731        12581531        .       -
        .
ID=Smp_179010.1;Parent=Smp_179010;geneID=Smp_179010;gene_name=Smp_17
9010;owner=irisadmin@local.host;orig_id=Smp_179010.1;date_last_modif
ied=2022-08-01;Name=Smp_179010.1;product=Exosome complex component
RRP42;date_creation=2022-07-29
SM_V9_2 iris    exon    12578731        12578851        .       -
        .       Parent=Smp_179010.1;Name=28b2e8ad-7893-4368-
a97f-77eb6bec07d7
SM_V9_2 iris    exon    12578885        12578981        .       -
        .
Parent=Smp_179010.1;Name=dd4445a6-47ab-4bd3-87e6-334bbd75bb17
SM_V9_2 iris    exon    12579022        12579080        .       -
        .       Parent=Smp_179010.1;Name=2a52fb57-5046-4cf8-9b5c-
de88c4e4f50e
SM_V9_2 iris    exon    12580012        12580123        .       -
        .       Parent=Smp_179010.1;Name=439be6be-ee2a-498e-
acd6-34e7799e8a5a
SM_V9_2 iris    exon    12580165        12580235        .       -
        .       Parent=Smp_179010.1;Name=076f538e-2865-4ef2-9860-
ee9573a70a96
SM_V9_2 iris    exon    12580270        12580432        .       -
        .       Parent=Smp_179010.1;Name=8f239ee1-ebc1-4160-a4b3-
a17dcb776e2d
SM_V9_2 iris    exon    12580589        12580683        .       -
        .       Parent=Smp_179010.1;Name=f09c03da-368e-40da-
b30c-96a457ee2b44
SM_V9_2 iris    exon    12580724        12580825        .       -
        .       Parent=Smp_179010.1;Name=58ec1aaf-c7cc-4e40-839e-
c5ce083718e4
SM_V9_2 iris    exon    12580859        12580955        .       -
        .       Parent=Smp_179010.1;Name=8f9a9658-53a2-4b4c-95df-
dcf142bf6447
SM_V9_2 iris    exon    12581470        12581531        .       -
        .       Parent=Smp_179010.1;Name=729efd4b-fd5e-462f-
ad42-3ec2b3975bf8
SM_V9_2 iris    CDS     12578774        12578851        .       -
        0       Parent=Smp_179010.1
SM_V9_2 iris    CDS     12578885        12578981        .       -
        1       Parent=Smp_179010.1
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SM_V9_2 iris    CDS     12579022        12579080        .       -
        0       Parent=Smp_179010.1
SM_V9_2 iris    CDS     12580012        12580123        .       -
        1       Parent=Smp_179010.1
SM_V9_2 iris    CDS     12580165        12580235        .       -
        0       Parent=Smp_179010.1
SM_V9_2 iris    CDS     12580270        12580432        .       -
        1       Parent=Smp_179010.1
SM_V9_2 iris    CDS     12580589        12580683        .       -
        0       Parent=Smp_179010.1
SM_V9_2 iris    CDS     12580724        12580825        .       -
        0       Parent=Smp_179010.1
SM_V9_2 iris    CDS     12580859        12580915        .       -
        0       Parent=Smp_179010.1
SM_V9_2 iris    gene    12596743        12633695        .       -
        .
ID=Smp_178990;geneID=Smp_178990;gene_name=Smp_178990;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12596743        12633695        .       -
        .
ID=Smp_178990.1;Parent=Smp_178990;geneID=Smp_178990;gene_name=Smp_17
8990;owner=irisadmin@local.host;orig_id=Smp_178990.1;date_last_modif
ied=2022-08-01;Name=Smp_178990.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    12596743        12598824        .       -
        .       Parent=Smp_178990.1;Name=60cfab8f-0097-42a5-
a7c7-1049ed74a90c
SM_V9_2 iris    exon    12599854        12600055        .       -
        .       Parent=Smp_178990.1;Name=5c8f571f-bf9a-4afd-
ad46-6824cc5ba6e2
SM_V9_2 iris    exon    12608841        12610107        .       -
        .       Parent=Smp_178990.1;Name=07158f98-b07f-49fc-9d5a-
e77b14d16aa9
SM_V9_2 iris    exon    12611816        12611849        .       -
        .       Parent=Smp_178990.1;Name=110d5bcb-1ef7-4493-a114-
a585f6444aa2
SM_V9_2 iris    exon    12619956        12620745        .       -
        .       Parent=Smp_178990.1;Name=156d2a58-2c1b-4377-9b31-
e78cd4c3738e
SM_V9_2 iris    exon    12633636        12633695        .       -
        .       Parent=Smp_178990.1;Name=9a899921-2578-47dc-
abe0-728a20184191
SM_V9_2 iris    CDS     12597043        12598824        .       -
        0       Parent=Smp_178990.1
SM_V9_2 iris    CDS     12599854        12600055        .       -
        1       Parent=Smp_178990.1
SM_V9_2 iris    CDS     12608841        12610107        .       -
        2       Parent=Smp_178990.1
SM_V9_2 iris    CDS     12611816        12611849        .       -
        0       Parent=Smp_178990.1
SM_V9_2 iris    CDS     12619956        12620477        .       -
        0       Parent=Smp_178990.1
SM_V9_2 Liftoff gene    12648299        12659589        .       +
        .       ID=Smp_186560;geneID=Smp_186560
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SM_V9_2 Liftoff mRNA    12648299        12659589        .       +
       .
ID=Smp_186560.1;Parent=Smp_186560;geneID=Smp_186560;product=39S
ribosomal protein L18, mitochondrial
SM_V9_2 Liftoff exon    12648299        12658184        .       +
       .       Parent=Smp_186560.1
SM_V9_2 Liftoff exon    12658225        12658334        .       +
       .       Parent=Smp_186560.1
SM_V9_2 Liftoff exon    12658370        12658447        .       +
       .       Parent=Smp_186560.1
SM_V9_2 Liftoff exon    12658487        12658600        .       +
       .       Parent=Smp_186560.1
SM_V9_2 Liftoff exon    12658632        12658749        .       +
       .       Parent=Smp_186560.1
SM_V9_2 Liftoff exon    12658787        12659023        .       +
       .       Parent=Smp_186560.1
SM_V9_2 Liftoff exon    12659313        12659589        .       +
       .       Parent=Smp_186560.1
SM_V9_2 Liftoff CDS     12658176        12658184        .       +
       0       Parent=Smp_186560.1
SM_V9_2 Liftoff CDS     12658225        12658334        .       +
       0       Parent=Smp_186560.1
SM_V9_2 Liftoff CDS     12658370        12658447        .       +
       1       Parent=Smp_186560.1
SM_V9_2 Liftoff CDS     12658487        12658600        .       +
       1       Parent=Smp_186560.1
SM_V9_2 Liftoff CDS     12658632        12658749        .       +
       1       Parent=Smp_186560.1
SM_V9_2 Liftoff CDS     12658787        12659023        .       +
       0       Parent=Smp_186560.1
SM_V9_2 Liftoff CDS     12659313        12659504        .       +
       0       Parent=Smp_186560.1
SM_V9_2 iris    gene    12669890        12674835        .       -
       .
ID=Smp_310580;geneID=Smp_310580;gene_name=Smp_310580;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12669890        12674835        .       -
       .
ID=Smp_310580.1;Parent=Smp_310580;geneID=Smp_310580;gene_name=Smp_31
0580;owner=irisadmin@local.host;orig_id=Smp_310580.1;date_last_modif
ied=2022-08-01;Name=Smp_310580.1;product=IQ domain-containing
protein D;date_creation=2022-07-29
SM_V9_2 iris    exon    12669890        12670580        .       -
       .       Parent=Smp_310580.1;Name=abac788f-32f7-463a-b4d0-
c8005208e6f8
SM_V9_2 iris    exon    12673221        12673295        .       -
       .       Parent=Smp_310580.1;Name=0ba13646-
c2bb-43f3-943c-30249b0f08d1
SM_V9_2 iris    exon    12674573        12674835        .       -
       .       Parent=Smp_310580.1;Name=2f0ee260-a0d3-4c29-b1f6-
ff1d0318c28d
SM_V9_2 iris    CDS     12670392        12670580        .       -
       0       Parent=Smp_310580.1
SM_V9_2 iris    CDS     12673221        12673295        .       -
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        0       Parent=Smp_310580.1
SM_V9_2 iris    CDS     12674573        12674716        .       -
        0       Parent=Smp_310580.1
SM_V9_2 Liftoff gene    12681000        12684845        .       -
        .
ID=Smp_310600;geneID=Smp_310600;previous_systematic_id=Smp_161310
SM_V9_2 Liftoff mRNA    12681000        12684845        .       -
        .
ID=Smp_310600.1;Parent=Smp_310600;geneID=Smp_310600;product=RNA
polymerase sigma factor SigY
SM_V9_2 Liftoff exon    12681000        12681453        .       -
        .       Parent=Smp_310600.1
SM_V9_2 Liftoff exon    12684327        12684349        .       -
        .       Parent=Smp_310600.1
SM_V9_2 Liftoff exon    12684386        12684530        .       -
        .       Parent=Smp_310600.1
SM_V9_2 Liftoff exon    12684568        12684845        .       -
        .       Parent=Smp_310600.1
SM_V9_2 Liftoff CDS     12681034        12681453        .       -
        0       Parent=Smp_310600.1
SM_V9_2 Liftoff CDS     12684327        12684349        .       -
        2       Parent=Smp_310600.1
SM_V9_2 Liftoff CDS     12684386        12684530        .       -
        0       Parent=Smp_310600.1
SM_V9_2 Liftoff CDS     12684568        12684741        .       -
        0       Parent=Smp_310600.1
SM_V9_2 Liftoff gene    12693625        12700256        .       +
        .       ID=Smp_072110;geneID=Smp_072110
SM_V9_2 Liftoff mRNA    12693625        12700256        .       +
        .
ID=Smp_072110.1;Parent=Smp_072110;geneID=Smp_072110;product=Programm
ed cell death protein
4;polypeptide_domain=InterPro:IPR003891,IPR016021,IPR016024
Pfam:PF02847
SM_V9_2 Liftoff exon    12693625        12694070        .       +
        .       Parent=Smp_072110.1
SM_V9_2 Liftoff exon    12694106        12694191        .       +
        .       Parent=Smp_072110.1
SM_V9_2 Liftoff exon    12694228        12694341        .       +
        .       Parent=Smp_072110.1
SM_V9_2 Liftoff exon    12695590        12695814        .       +
        .       Parent=Smp_072110.1
SM_V9_2 Liftoff exon    12697302        12697844        .       +
        .       Parent=Smp_072110.1
SM_V9_2 Liftoff exon    12698895        12699145        .       +
        .       Parent=Smp_072110.1
SM_V9_2 Liftoff exon    12699767        12700256        .       +
        .       Parent=Smp_072110.1
SM_V9_2 Liftoff CDS     12693752        12694070        .       +
        0       Parent=Smp_072110.1
SM_V9_2 Liftoff CDS     12694106        12694191        .       +
        2       Parent=Smp_072110.1
SM_V9_2 Liftoff CDS     12694228        12694341        .       +
        0       Parent=Smp_072110.1
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SM_V9_2 Liftoff CDS     12695590        12695814        .       +
        0       Parent=Smp_072110.1
SM_V9_2 Liftoff CDS     12697302        12697844        .       +
        0       Parent=Smp_072110.1
SM_V9_2 Liftoff CDS     12698895        12699145        .       +
        0       Parent=Smp_072110.1
SM_V9_2 Liftoff CDS     12699767        12699833        .       +
        1       Parent=Smp_072110.1
SM_V9_2 Liftoff gene    12735269        12737540        .       +
        .       ID=Smp_072100;geneID=Smp_072100
SM_V9_2 Liftoff mRNA    12735269        12737540        .       +
        .
ID=Smp_072100.1;Parent=Smp_072100;geneID=Smp_072100;product=CCR4-NOT
transcription complex subunit
1;polypeptide_domain=InterPro:IPR032191 Pfam:PF16415
SM_V9_2 Liftoff exon    12735269        12737540        .       +
        .       Parent=Smp_072100.1
SM_V9_2 Liftoff CDS     12735690        12736370        .       +
        0       Parent=Smp_072100.1
SM_V9_2 Liftoff gene    12754915        12761657        .       +
        .
ID=Smp_072090;geneID=Smp_072090;previous_systematic_id=Smp_161300
SM_V9_2 Liftoff mRNA    12754915        12761657        .       +
        .
ID=Smp_072090.1;Parent=Smp_072090;geneID=Smp_072090;product=Probable
malonyl-CoA-acyl carrier protein transacylase,
mitochondrial;polypeptide_domain=InterPro:IPR014043,IPR016035,IPR016
036,IPR020801 Pfam:PF00698;Ontology_term=GO:0003824,GO:0008152
SM_V9_2 Liftoff exon    12754915        12756925        .       +
        .       Parent=Smp_072090.1
SM_V9_2 Liftoff exon    12756959        12757223        .       +
        .       Parent=Smp_072090.1
SM_V9_2 Liftoff exon    12757261        12757348        .       +
        .       Parent=Smp_072090.1
SM_V9_2 Liftoff exon    12757385        12757605        .       +
        .       Parent=Smp_072090.1
SM_V9_2 Liftoff exon    12758574        12758804        .       +
        .       Parent=Smp_072090.1
SM_V9_2 Liftoff exon    12760818        12761657        .       +
        .       Parent=Smp_072090.1
SM_V9_2 Liftoff CDS     12756777        12756925        .       +
        0       Parent=Smp_072090.1
SM_V9_2 Liftoff CDS     12756959        12757223        .       +
        1       Parent=Smp_072090.1
SM_V9_2 Liftoff CDS     12757261        12757348        .       +
        0       Parent=Smp_072090.1
SM_V9_2 Liftoff CDS     12757385        12757605        .       +
        2       Parent=Smp_072090.1
SM_V9_2 Liftoff CDS     12758574        12758804        .       +
        0       Parent=Smp_072090.1
SM_V9_2 Liftoff CDS     12760818        12760985        .       +
        0       Parent=Smp_072090.1
SM_V9_2 Liftoff gene    12760997        12761636        .       -
        .       ID=Smp_072080;geneID=Smp_072080
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SM_V9_2 Liftoff mRNA    12760997        12761636        .       -
        .
ID=Smp_072080.1;Parent=Smp_072080;geneID=Smp_072080;product=6-
pyruvoyl tetrahydrobiopterin
synthase;polypeptide_domain=InterPro:IPR007115,IPR022470
Pfam:PF01242;Ontology_term=GO:0003874,GO:0006729
SM_V9_2 Liftoff exon    12760997        12761636        .       -
        .       Parent=Smp_072080.1
SM_V9_2 Liftoff CDS     12761137        12761574        .       -
        0       Parent=Smp_072080.1
SM_V9_2 Liftoff gene    12773601        12782641        .       -
        .       ID=Smp_161290;geneID=Smp_161290
SM_V9_2 Liftoff mRNA    12773601        12782641        .       -
        .
ID=Smp_161290.1;Parent=Smp_161290;geneID=Smp_161290;product=Protein
FAM50 homolog;polypeptide_domain=InterPro:IPR007005
Pfam:PF04921;Ontology_term=GO:0005634
SM_V9_2 Liftoff exon    12773601        12774232        .       -
        .       Parent=Smp_161290.1
SM_V9_2 Liftoff exon    12781896        12782059        .       -
        .       Parent=Smp_161290.1
SM_V9_2 Liftoff exon    12782104        12782190        .       -
        .       Parent=Smp_161290.1
SM_V9_2 Liftoff exon    12782227        12782373        .       -
        .       Parent=Smp_161290.1
SM_V9_2 Liftoff exon    12782407        12782641        .       -
        .       Parent=Smp_161290.1
SM_V9_2 Liftoff CDS     12773722        12774232        .       -
        1       Parent=Smp_161290.1
SM_V9_2 Liftoff CDS     12781896        12782059        .       -
        0       Parent=Smp_161290.1
SM_V9_2 Liftoff CDS     12782104        12782190        .       -
        0       Parent=Smp_161290.1
SM_V9_2 Liftoff CDS     12782227        12782373        .       -
        0       Parent=Smp_161290.1
SM_V9_2 Liftoff CDS     12782407        12782595        .       -
        0       Parent=Smp_161290.1
SM_V9_2 Liftoff gene    12789720        12841291        .       -
        .
ID=Smp_333790;geneID=Smp_333790;previous_systematic_id=Smp_161270,Sm
p_161280
SM_V9_2 Liftoff mRNA    12789720        12841291        .       -
        .
ID=Smp_333790.1;Parent=Smp_333790;geneID=Smp_333790;product=ALX
homeobox protein
1;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_2 Liftoff exon    12789720        12790140        .       -
        .       Parent=Smp_333790.1
SM_V9_2 Liftoff exon    12795208        12797250        .       -
        .       Parent=Smp_333790.1
SM_V9_2 Liftoff exon    12801834        12802744        .       -
        .       Parent=Smp_333790.1
SM_V9_2 Liftoff exon    12824240        12825174        .       -
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        .       Parent=Smp_333790.1
SM_V9_2 Liftoff exon    12840035        12841291        .       -
        .       Parent=Smp_333790.1
SM_V9_2 Liftoff CDS     12790015        12790140        .       -
        0       Parent=Smp_333790.1
SM_V9_2 Liftoff CDS     12795208        12797250        .       -
        0       Parent=Smp_333790.1
SM_V9_2 Liftoff CDS     12801834        12802744        .       -
        2       Parent=Smp_333790.1
SM_V9_2 Liftoff CDS     12824240        12825174        .       -
        1       Parent=Smp_333790.1
SM_V9_2 Liftoff CDS     12840035        12840078        .       -
        0       Parent=Smp_333790.1
SM_V9_2 Liftoff gene    12859022        12873601        .       -
        .
ID=Smp_345270;geneID=Smp_345270;previous_systematic_id=Smp_161260
SM_V9_2 Liftoff mRNA    12859022        12873601        .       -
        .
ID=Smp_345270.1;Parent=Smp_345270;geneID=Smp_345270;product=Poly(ADP
-ribose) glycohydrolase 1;polypeptide_domain=InterPro:IPR007724
Pfam:PF05028;Ontology_term=GO:0004649,GO:0005975
SM_V9_2 Liftoff exon    12859022        12859419        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12861960        12862343        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12864034        12864270        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12865275        12865727        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12866853        12866967        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12868864        12869230        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12870118        12870175        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12870810        12871175        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12872696        12872975        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff exon    12873011        12873601        .       -
        .       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12859177        12859419        .       -
        0       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12861960        12862343        .       -
        0       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12864034        12864270        .       -
        0       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12865275        12865727        .       -
        0       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12866853        12866967        .       -
        1       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12868864        12869230        .       -
        2       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12870118        12870175        .       -
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        0       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12870810        12871175        .       -
        0       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12872696        12872975        .       -
        1       Parent=Smp_345270.1
SM_V9_2 Liftoff CDS     12873011        12873144        .       -
        0       Parent=Smp_345270.1
SM_V9_2 iris    gene    12883725        12912989        .       +
        .
ID=Smp_310620;geneID=Smp_310620;gene_name=Smp_310620;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    12883725        12912989        .       +
        .
ID=Smp_310620.1;Parent=Smp_310620;geneID=Smp_310620;gene_name=Smp_31
0620;owner=irisadmin@local.host;orig_id=Smp_310620.1;date_last_modif
ied=2022-08-01;Name=Smp_310620.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    12883725        12883835        .       +
        .       Parent=Smp_310620.1;Name=dba0295e-daf7-49d2-
ad89-2d231c204e29
SM_V9_2 iris    exon    12883877        12883966        .       +
        .       Parent=Smp_310620.1;Name=d28c66ff-2f7c-485c-
b8f2-0b617ecd4020
SM_V9_2 iris    exon    12884000        12884151        .       +
        .       Parent=Smp_310620.1;Name=1bb62815-04dd-4b42-
ad1a-7a01d15d402d
SM_V9_2 iris    exon    12884199        12884402        .       +
        .       Parent=Smp_310620.1;Name=feb41b7e-a1e0-46c4-
a767-2d8766402137
SM_V9_2 iris    exon    12886137        12886380        .       +
        .       Parent=Smp_310620.1;Name=1fffaddf-ff3a-4d94-9d08-
c782f50673db
SM_V9_2 iris    exon    12888187        12888443        .       +
        .       Parent=Smp_310620.1;Name=01d0e0d8-e401-4d5b-b655-
e6dfb6489e4a
SM_V9_2 iris    exon    12891286        12891416        .       +
        .       Parent=Smp_310620.1;Name=5e7bc212-b072-4fd7-95f3-
c5fccb868a2e
SM_V9_2 iris    exon    12898033        12898110        .       +
        .
Parent=Smp_310620.1;Name=ac81cbf2-0a3c-4aaa-85ad-6af83b830140
SM_V9_2 iris    exon    12898152        12898209        .       +
        .
Parent=Smp_310620.1;Name=fa27944e-5762-4111-8064-2434cb036bd6
SM_V9_2 iris    exon    12901695        12902245        .       +
        .       Parent=Smp_310620.1;Name=6c30654e-
a745-4b67-873c-33501ad0d81a
SM_V9_2 iris    exon    12912243        12912989        .       +
        .       Parent=Smp_310620.1;Name=a24b3fb2-a997-4fbc-b547-
d6c77cf24298
SM_V9_2 iris    CDS     12883778        12883835        .       +
        0       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12883877        12883966        .       +
        2       Parent=Smp_310620.1
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SM_V9_2 iris    CDS     12884000        12884151        .       +
        2       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12884199        12884402        .       +
        0       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12886137        12886380        .       +
        0       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12888187        12888443        .       +
        2       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12891286        12891416        .       +
        0       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12898033        12898110        .       +
        1       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12898152        12898209        .       +
        1       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12901695        12902245        .       +
        0       Parent=Smp_310620.1
SM_V9_2 iris    CDS     12912243        12912957        .       +
        1       Parent=Smp_310620.1
SM_V9_2 Liftoff pseudogene      12925294        12928741        .
        -       .       ID=Smp_327860;geneID=Smp_327860
SM_V9_2 Liftoff transcript      12925294        12928741        .
        -       .
ID=Smp_327860.1;Parent=Smp_327860;geneID=Smp_327860
SM_V9_2 Liftoff exon    12925294        12928741        .       -
        .       Parent=Smp_327860.1
SM_V9_2 Liftoff gene    12951460        12996051        .       -
        .       ID=Smp_161250;geneID=Smp_161250
SM_V9_2 Liftoff mRNA    12951460        12996051        .       -
        .
ID=Smp_161250.1;Parent=Smp_161250;geneID=Smp_161250;product=Transcri
ption factor EB;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_2 Liftoff exon    12951460        12954518        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12960817        12961418        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12967975        12968236        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12971157        12971304        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12973596        12973677        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12974543        12975041        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12984926        12985021        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12987572        12987952        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff exon    12992989        12996051        .       -
        .       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12954099        12954518        .       -
        0       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12960817        12961418        .       -
        2       Parent=Smp_161250.1
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SM_V9_2 Liftoff CDS     12967975        12968236        .       -
        0       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12971157        12971304        .       -
        1       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12973596        12973677        .       -
        2       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12974543        12975041        .       -
        0       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12984926        12985021        .       -
        0       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12987572        12987952        .       -
        0       Parent=Smp_161250.1
SM_V9_2 Liftoff CDS     12992989        12993300        .       -
        0       Parent=Smp_161250.1
SM_V9_2 Liftoff gene    13005855        13014299        .       +
        .
ID=Smp_341120;geneID=Smp_341120;previous_systematic_id=Smp_071980
SM_V9_2 Liftoff mRNA    13005855        13014299        .       +
        .
ID=Smp_341120.1;Parent=Smp_341120;geneID=Smp_341120;product=Polycomb
group RING finger protein
3;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR017907,IPR03244
3 Pfam:PF13923,PF16207
SM_V9_2 Liftoff exon    13005855        13008621        .       +
        .       Parent=Smp_341120.1
SM_V9_2 Liftoff exon    13008668        13008764        .       +
        .       Parent=Smp_341120.1
SM_V9_2 Liftoff exon    13008816        13008871        .       +
        .       Parent=Smp_341120.1
SM_V9_2 Liftoff exon    13008913        13008975        .       +
        .       Parent=Smp_341120.1
SM_V9_2 Liftoff exon    13012063        13012325        .       +
        .       Parent=Smp_341120.1
SM_V9_2 Liftoff exon    13013207        13013296        .       +
        .       Parent=Smp_341120.1
SM_V9_2 Liftoff exon    13013650        13014299        .       +
        .       Parent=Smp_341120.1
SM_V9_2 Liftoff CDS     13008498        13008621        .       +
        0       Parent=Smp_341120.1
SM_V9_2 Liftoff CDS     13008668        13008764        .       +
        2       Parent=Smp_341120.1
SM_V9_2 Liftoff CDS     13008816        13008871        .       +
        1       Parent=Smp_341120.1
SM_V9_2 Liftoff CDS     13008913        13008975        .       +
        2       Parent=Smp_341120.1
SM_V9_2 Liftoff CDS     13012063        13012325        .       +
        2       Parent=Smp_341120.1
SM_V9_2 Liftoff CDS     13013207        13013296        .       +
        0       Parent=Smp_341120.1
SM_V9_2 Liftoff CDS     13013650        13013697        .       +
        0       Parent=Smp_341120.1
SM_V9_2 Liftoff gene    13016585        13065427        .       +
        .
ID=Smp_341110;geneID=Smp_341110;previous_systematic_id=Smp_071970
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SM_V9_2 Liftoff mRNA    13016585        13065427        .       +
        .
ID=Smp_341110.1;Parent=Smp_341110;geneID=Smp_341110;product=H(+)/
Cl(-) exchange transporter
3;polypeptide_domain=InterPro:IPR000644,IPR001807,IPR014743
Pfam:PF00571,PF00654;Ontology_term=GO:0005216,GO:0005247,GO:0006821,
GO:0016020,GO:0055085
SM_V9_2 Liftoff exon    13016585        13025302        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13027545        13027708        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13030295        13030513        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13030938        13031091        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13035114        13035337        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13037014        13037277        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13039751        13039965        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13042437        13042614        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13046029        13046240        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13049749        13049925        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13061179        13061345        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13062487        13062614        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13063353        13063447        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff exon    13064641        13065427        .       +
        .       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13025008        13025302        .       +
        0       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13027545        13027708        .       +
        2       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13030295        13030513        .       +
        0       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13030938        13031091        .       +
        0       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13035114        13035337        .       +
        2       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13037014        13037277        .       +
        0       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13039751        13039965        .       +
        0       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13042437        13042614        .       +
        1       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13046029        13046240        .       +
        0       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13049749        13049925        .       +
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        1       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13061179        13061345        .       +
        1       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13062487        13062614        .       +
        2       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13063353        13063447        .       +
        0       Parent=Smp_341110.1
SM_V9_2 Liftoff CDS     13064641        13064713        .       +
        1       Parent=Smp_341110.1
SM_V9_2 Liftoff pseudogene      13057262        13059891        .
        +       .       ID=Smp_327870;geneID=Smp_327870
SM_V9_2 Liftoff transcript      13057262        13059891        .
        +       .
ID=Smp_327870.1;Parent=Smp_327870;geneID=Smp_327870
SM_V9_2 Liftoff exon    13057262        13057457        .       +
        .       Parent=Smp_327870.1
SM_V9_2 Liftoff exon    13059121        13059891        .       +
        .       Parent=Smp_327870.1
SM_V9_2 iris    gene    13075165        13084344        .       +
        .
ID=Smp_071960;geneID=Smp_071960;gene_name=Smp_071960;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13075165        13084344        .       +
        .
ID=Smp_071960.1;Parent=Smp_071960;geneID=Smp_071960;gene_name=Smp_07
1960;owner=irisadmin@local.host;orig_id=Smp_071960.1;date_last_modif
ied=2022-08-01;Name=Smp_071960.1;product=UPF0568 protein
C14orf166;date_creation=2022-07-29
SM_V9_2 iris    exon    13075165        13075205        .       +
        .       Parent=Smp_071960.1;Name=76496c73-e1ec-40cf-9e23-
dcd84935b840
SM_V9_2 iris    exon    13080775        13080916        .       +
        .
Parent=Smp_071960.1;Name=b5378adb-0446-4bff-879c-79379461670a
SM_V9_2 iris    exon    13080960        13081078        .       +
        .       Parent=Smp_071960.1;Name=6bace7e3-fc06-458f-92bf-
a418d5bf1129
SM_V9_2 iris    exon    13081120        13081216        .       +
        .       Parent=Smp_071960.1;Name=d043cbeb-b430-4386-9998-
cd01a05c7d86
SM_V9_2 iris    exon    13081258        13081329        .       +
        .       Parent=Smp_071960.1;Name=203482bc-84b6-41a6-8f74-
e26032caaa43
SM_V9_2 iris    exon    13081364        13081452        .       +
        .       Parent=Smp_071960.1;Name=31826bf0-26fc-44fb-88f0-
fe50b06cf5d1
SM_V9_2 iris    exon    13081497        13081574        .       +
        .       Parent=Smp_071960.1;Name=307b332c-fd85-496a-ae76-
e3ba6add51ce
SM_V9_2 iris    exon    13083898        13084344        .       +
        .       Parent=Smp_071960.1;Name=8d296c1a-af63-477c-8842-
abdc80f01575
SM_V9_2 iris    CDS     13080841        13080916        .       +
        0       Parent=Smp_071960.1
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SM_V9_2 iris    CDS     13080960        13081078        .       +
        2       Parent=Smp_071960.1
SM_V9_2 iris    CDS     13081120        13081216        .       +
        0       Parent=Smp_071960.1
SM_V9_2 iris    CDS     13081258        13081329        .       +
        2       Parent=Smp_071960.1
SM_V9_2 iris    CDS     13081364        13081452        .       +
        2       Parent=Smp_071960.1
SM_V9_2 iris    CDS     13081497        13081574        .       +
        0       Parent=Smp_071960.1
SM_V9_2 iris    CDS     13083898        13084101        .       +
        0       Parent=Smp_071960.1
SM_V9_2 Liftoff gene    13084616        13112571        .       -
        .       ID=Smp_071950;geneID=Smp_071950
SM_V9_2 Liftoff mRNA    13084616        13112571        .       -
        .
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copeptide repeat protein
7B;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13432;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    13084616        13085057        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13085922        13086026        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13089120        13089217        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13090342        13090664        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13094605        13094961        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13096096        13096235        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13097087        13097230        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13099247        13099330        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13104878        13105018        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13108174        13108272        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13109815        13109995        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13111817        13112036        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff exon    13112074        13112571        .       -
        .       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13084812        13085057        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13085922        13086026        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13089120        13089217        .       -
        2       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13090342        13090664        .       -
        1       Parent=Smp_071950.1
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SM_V9_2 Liftoff CDS     13094605        13094961        .       -
        1       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13096096        13096235        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13097087        13097230        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13099247        13099330        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13104878        13105018        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13108174        13108272        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13109815        13109995        .       -
        1       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13111817        13112036        .       -
        2       Parent=Smp_071950.1
SM_V9_2 Liftoff CDS     13112074        13112362        .       -
        0       Parent=Smp_071950.1
SM_V9_2 Liftoff gene    13122085        13122841        .       +
        .       ID=Smp_161240;geneID=Smp_161240
SM_V9_2 Liftoff mRNA    13122085        13122841        .       +
        .
ID=Smp_161240.1;Parent=Smp_161240;geneID=Smp_161240;product=npp-48;e
vidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_2 Liftoff exon    13122085        13122841        .       +
        .       Parent=Smp_161240.1
SM_V9_2 Liftoff CDS     13122140        13122499        .       +
        0       Parent=Smp_161240.1
SM_V9_2 Liftoff gene    13142481        13161895        .       -
        .
ID=Smp_335330;geneID=Smp_335330;previous_systematic_id=Smp_177390
SM_V9_2 Liftoff mRNA    13142481        13161895        .       -
        .
ID=Smp_335330.1;Parent=Smp_335330;geneID=Smp_335330;product=Endothel
in-converting enzyme
homolog;polypeptide_domain=InterPro:IPR024079;Ontology_term=GO:00082
37
SM_V9_2 Liftoff exon    13142481        13143774        .       -
        .       Parent=Smp_335330.1
SM_V9_2 Liftoff exon    13145172        13145302        .       -
        .       Parent=Smp_335330.1
SM_V9_2 Liftoff exon    13146052        13146212        .       -
        .       Parent=Smp_335330.1
SM_V9_2 Liftoff exon    13147557        13147654        .       -
        .       Parent=Smp_335330.1
SM_V9_2 Liftoff exon    13149214        13149291        .       -
        .       Parent=Smp_335330.1
SM_V9_2 Liftoff exon    13149344        13161895        .       -
        .       Parent=Smp_335330.1
SM_V9_2 Liftoff CDS     13143751        13143774        .       -
        0       Parent=Smp_335330.1
SM_V9_2 Liftoff CDS     13145172        13145302        .       -
        2       Parent=Smp_335330.1
SM_V9_2 Liftoff CDS     13146052        13146212        .       -
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        1       Parent=Smp_335330.1
SM_V9_2 Liftoff CDS     13147557        13147654        .       -
        0       Parent=Smp_335330.1
SM_V9_2 Liftoff CDS     13149214        13149291        .       -
        0       Parent=Smp_335330.1
SM_V9_2 Liftoff CDS     13149344        13149433        .       -
        0       Parent=Smp_335330.1
SM_V9_2 Liftoff gene    13169017        13230302        .       -
        .
ID=Smp_333800;geneID=Smp_333800;previous_systematic_id=Smp_071920,Sm
p_161230,Smp_177860,Smp_177870,Smp_199010,Smp_242150
SM_V9_2 Liftoff mRNA    13169017        13230302        .       -
        .
ID=Smp_333800.1;Parent=Smp_333800;geneID=Smp_333800;product=Protein
son of
sevenless;polypeptide_domain=InterPro:IPR000651,IPR001895,IPR011993,
IPR023578 Pfam:PF00617,PF00618;Ontology_term=GO:0005085,GO:0007264
SM_V9_2 Liftoff exon    13169017        13171543        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13177556        13177973        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13179820        13179957        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13181612        13182124        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13183085        13183267        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13190877        13191020        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13191847        13192186        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13192913        13193965        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13200314        13200388        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13202160        13202625        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13207437        13207820        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13209595        13210126        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13211875        13212282        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13214720        13215629        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13221291        13221388        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13224078        13224140        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13225366        13225446        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13227458        13227819        .       -
        .       Parent=Smp_333800.1
SM_V9_2 Liftoff exon    13230016        13230302        .       -
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        .       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13170876        13171543        .       -
        2       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13177556        13177973        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13179820        13179957        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13181612        13182124        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13183085        13183267        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13190877        13191020        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13191847        13192186        .       -
        1       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13192913        13193965        .       -
        1       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13200314        13200388        .       -
        1       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13202160        13202625        .       -
        2       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13207437        13207820        .       -
        2       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13209595        13210126        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13211875        13212282        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13214720        13215629        .       -
        1       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13221291        13221388        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13224078        13224140        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13225366        13225446        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13227458        13227819        .       -
        2       Parent=Smp_333800.1
SM_V9_2 Liftoff CDS     13230016        13230181        .       -
        0       Parent=Smp_333800.1
SM_V9_2 Liftoff gene    13241116        13254825        .       +
        .       ID=Smp_071890;geneID=Smp_071890
SM_V9_2 Liftoff mRNA    13241116        13254825        .       +
        .
ID=Smp_071890.1;Parent=Smp_071890;geneID=Smp_071890;product=E3
ubiquitin-protein ligase
TRAIP;polypeptide_domain=InterPro:IPR001841,IPR011016,IPR013083
Pfam:PF13639;Ontology_term=GO:0008270
SM_V9_2 Liftoff exon    13241116        13245326        .       +
        .       Parent=Smp_071890.1
SM_V9_2 Liftoff exon    13246582        13246805        .       +
        .       Parent=Smp_071890.1
SM_V9_2 Liftoff exon    13247612        13247727        .       +
        .       Parent=Smp_071890.1
SM_V9_2 Liftoff exon    13249110        13249654        .       +
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        .       Parent=Smp_071890.1
SM_V9_2 Liftoff exon    13253472        13254825        .       +
        .       Parent=Smp_071890.1
SM_V9_2 Liftoff CDS     13245057        13245326        .       +
        0       Parent=Smp_071890.1
SM_V9_2 Liftoff CDS     13246582        13246805        .       +
        0       Parent=Smp_071890.1
SM_V9_2 Liftoff CDS     13247612        13247727        .       +
        1       Parent=Smp_071890.1
SM_V9_2 Liftoff CDS     13249110        13249654        .       +
        2       Parent=Smp_071890.1
SM_V9_2 Liftoff CDS     13253472        13253906        .       +
        0       Parent=Smp_071890.1
SM_V9_2 iris    gene    13255286        13263448        .       -
        .
ID=Smp_071880;geneID=Smp_071880;gene_name=Smp_071880;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13255286        13263448        .       -
        .
ID=Smp_071880.1;Parent=Smp_071880;geneID=Smp_071880;gene_name=Smp_07
1880;owner=irisadmin@local.host;orig_id=Smp_071880.1;date_last_modif
ied=2022-08-01;Name=Smp_071880.1;product=SAGA-associated factor
29;date_creation=2022-07-29
SM_V9_2 iris    exon    13255286        13255583        .       -
        .       Parent=Smp_071880.1;Name=e5aba3aa-4ca4-459e-a473-
aa04d5fb280c
SM_V9_2 iris    exon    13255932        13256000        .       -
        .
Parent=Smp_071880.1;Name=298a28e8-5bdc-41e5-856b-8a07655bc82f
SM_V9_2 iris    exon    13259137        13259230        .       -
        .
Parent=Smp_071880.1;Name=64bf4d06-5222-447d-9ece-80c8587536db
SM_V9_2 iris    exon    13261659        13261865        .       -
        .       Parent=Smp_071880.1;Name=7bf468f2-8364-4e2d-8f5c-
d8ea131d03b3
SM_V9_2 iris    exon    13261901        13262003        .       -
        .       Parent=Smp_071880.1;Name=437d8350-0af9-4eca-aa08-
b6f98d9aebf0
SM_V9_2 iris    exon    13262037        13262095        .       -
        .
Parent=Smp_071880.1;Name=2d9645d2-099e-48ed-8b4c-5815e8a504cd
SM_V9_2 iris    exon    13262133        13262196        .       -
        .       Parent=Smp_071880.1;Name=2e4303f5-9c80-4c8d-
ad02-09c757963bfa
SM_V9_2 iris    exon    13262237        13262309        .       -
        .       Parent=Smp_071880.1;Name=f1084f6e-2c35-462e-b02f-
b7e5ab6aa5bb
SM_V9_2 iris    exon    13262345        13262456        .       -
        .
Parent=Smp_071880.1;Name=4e0e2876-11fd-4dbc-9fb1-6db7e1c439a9
SM_V9_2 iris    exon    13263322        13263448        .       -
        .       Parent=Smp_071880.1;Name=d86824e9-83aa-417d-a20c-
fdb99deee5b0
SM_V9_2 iris    CDS     13255422        13255583        .       -
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        0       Parent=Smp_071880.1
SM_V9_2 iris    CDS     13255932        13256000        .       -
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SM_V9_2 iris    CDS     13259137        13259230        .       -
        1       Parent=Smp_071880.1
SM_V9_2 iris    CDS     13261659        13261865        .       -
        1       Parent=Smp_071880.1
SM_V9_2 iris    CDS     13261901        13262003        .       -
        2       Parent=Smp_071880.1
SM_V9_2 iris    CDS     13262037        13262095        .       -
        1       Parent=Smp_071880.1
SM_V9_2 iris    CDS     13262133        13262196        .       -
        2       Parent=Smp_071880.1
SM_V9_2 iris    CDS     13262237        13262309        .       -
        0       Parent=Smp_071880.1
SM_V9_2 iris    CDS     13262345        13262431        .       -
        0       Parent=Smp_071880.1
SM_V9_2 iris    gene    13267669        13271632        .       -
        .
ID=Smp_161220;geneID=Smp_161220;gene_name=Smp_161220;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13267669        13271632        .       -
        .
ID=Smp_161220.1;Parent=Smp_161220;geneID=Smp_161220;gene_name=Smp_16
1220;owner=irisadmin@local.host;orig_id=Smp_161220.1;date_last_modif
ied=2022-08-01;Name=Smp_161220.1;product=Adipocyte plasma membrane-
associated protein;date_creation=2022-07-29
SM_V9_2 iris    exon    13267669        13268123        .       -
        .       Parent=Smp_161220.1;Name=21784f46-4265-423d-9e47-
c6fae609164f
SM_V9_2 iris    exon    13268667        13268988        .       -
        .       Parent=Smp_161220.1;Name=1fe79d7f-9597-45eb-bd31-
a264950e1217
SM_V9_2 iris    exon    13270656        13270818        .       -
        .       Parent=Smp_161220.1;Name=351f13ea-b3bc-485c-
bfe3-19da93181c90
SM_V9_2 iris    exon    13270878        13270988        .       -
        .       Parent=Smp_161220.1;Name=f2a4ccb3-a2b6-426d-9ce0-
aafd261c9294
SM_V9_2 iris    exon    13271045        13271137        .       -
        .
Parent=Smp_161220.1;Name=ecef781b-3dcd-45f7-89f8-33b9f155dd5e
SM_V9_2 iris    exon    13271197        13271632        .       -
        .       Parent=Smp_161220.1;Name=855ce653-34a0-406f-
a48f-4ed57fa97eb7
SM_V9_2 iris    CDS     13267914        13268123        .       -
        0       Parent=Smp_161220.1
SM_V9_2 iris    CDS     13268667        13268988        .       -
        1       Parent=Smp_161220.1
SM_V9_2 iris    CDS     13270656        13270818        .       -
        2       Parent=Smp_161220.1
SM_V9_2 iris    CDS     13270878        13270988        .       -
        2       Parent=Smp_161220.1
SM_V9_2 iris    CDS     13271045        13271137        .       -
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        2       Parent=Smp_161220.1
SM_V9_2 iris    CDS     13271197        13271419        .       -
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SM_V9_2 Liftoff gene    13324816        13334070        .       +
        .       ID=Smp_161210;geneID=Smp_161210
SM_V9_2 Liftoff mRNA    13324816        13334070        .       +
        .
ID=Smp_161210.1;Parent=Smp_161210;geneID=Smp_161210;product=Arginine
--tRNA ligase
SM_V9_2 Liftoff exon    13324816        13325460        .       +
        .       Parent=Smp_161210.1
SM_V9_2 Liftoff exon    13331827        13333461        .       +
        .       Parent=Smp_161210.1
SM_V9_2 Liftoff exon    13333786        13334070        .       +
        .       Parent=Smp_161210.1
SM_V9_2 Liftoff CDS     13325124        13325460        .       +
        0       Parent=Smp_161210.1
SM_V9_2 Liftoff CDS     13331827        13333461        .       +
        2       Parent=Smp_161210.1
SM_V9_2 Liftoff CDS     13333786        13333793        .       +
        2       Parent=Smp_161210.1
SM_V9_2 Liftoff gene    13334806        13336527        .       +
        .       ID=Smp_317040;geneID=Smp_317040
SM_V9_2 Liftoff mRNA    13334806        13336527        .       +
        .
ID=Smp_317040.1;Parent=Smp_317040;geneID=Smp_317040;product=Botulinu
m neurotoxin type C1 non-toxic component
SM_V9_2 Liftoff exon    13334806        13336527        .       +
        .       Parent=Smp_317040.1
SM_V9_2 Liftoff CDS     13335987        13336235        .       +
        0       Parent=Smp_317040.1
SM_V9_2 Liftoff gene    13363616        13390830        .       +
        .
ID=Smp_333810;geneID=Smp_333810;previous_systematic_id=Smp_071840,Sm
p_199860,Smp_242170
SM_V9_2 Liftoff mRNA    13363616        13390830        .       +
        .
ID=Smp_333810.1;Parent=Smp_333810;geneID=Smp_333810;product=6-
phosphogluconate dehydrogenase,
decarboxylating;polypeptide_domain=InterPro:IPR006113,IPR006114,IPR0
06115,IPR006183,IPR006184,IPR008927,IPR013328,IPR016040
Pfam:PF00393,PF03446;Ontology_term=GO:0004616,GO:0006098,GO:0016491,
GO:0055114
SM_V9_2 Liftoff exon    13363616        13363769        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13363808        13363987        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13365600        13365784        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13367847        13367916        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13368281        13368415        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13369303        13369428        .       +
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        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13373660        13373723        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13378811        13378953        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13381259        13381392        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13382792        13382891        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13383886        13384008        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff exon    13390609        13390830        .       +
        .       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13363644        13363769        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13363808        13363987        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13365600        13365784        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13367847        13367916        .       +
        1       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13368281        13368415        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13369303        13369428        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13373660        13373723        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13378811        13378953        .       +
        2       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13381259        13381392        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13382792        13382891        .       +
        1       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13383886        13384008        .       +
        0       Parent=Smp_333810.1
SM_V9_2 Liftoff CDS     13390609        13390728        .       +
        0       Parent=Smp_333810.1
SM_V9_2 iris    gene    13390833        13395702        .       -
        .
ID=Smp_071830;geneID=Smp_071830;gene_name=Smp_071830;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13390833        13395702        .       -
        .
ID=Smp_071830.1;Parent=Smp_071830;geneID=Smp_071830;gene_name=Smp_07
1830;owner=irisadmin@local.host;orig_id=Smp_071830.1;date_last_modif
ied=2022-08-01;Name=Smp_071830.1;product=Transcription initiation
factor IIA subunit 2;date_creation=2022-07-29
SM_V9_2 iris    exon    13390833        13391095        .       -
        .       Parent=Smp_071830.1;Name=29c3dec1-918f-47de-
a7f8-27d28ad7b457
SM_V9_2 iris    exon    13393910        13394080        .       -
        .       Parent=Smp_071830.1;Name=91759d44-
a4c0-4230-900d-843698a5b837
SM_V9_2 iris    exon    13394120        13394258        .       -
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        .       Parent=Smp_071830.1;Name=0f0d909e-4c21-4160-8ac3-
ad015e1cc39a
SM_V9_2 iris    exon    13395488        13395702        .       -
        .       Parent=Smp_071830.1;Name=b6a0ea62-311f-41b3-
acd3-91a822d497bd
SM_V9_2 iris    CDS     13390940        13391095        .       -
        0       Parent=Smp_071830.1
SM_V9_2 iris    CDS     13393910        13394080        .       -
        0       Parent=Smp_071830.1
SM_V9_2 iris    CDS     13394120        13394227        .       -
        0       Parent=Smp_071830.1
SM_V9_2 Liftoff gene    13405868        13442886        .       -
        .
ID=Smp_245610;geneID=Smp_245610;previous_systematic_id=Smp_071810,Sm
p_161190
SM_V9_2 Liftoff mRNA    13405868        13442886        .       -
        .
ID=Smp_245610.1;Parent=Smp_245610;geneID=Smp_245610;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    13405868        13406597        .       -
        .       Parent=Smp_245610.1
SM_V9_2 Liftoff exon    13408855        13408971        .       -
        .       Parent=Smp_245610.1
SM_V9_2 Liftoff exon    13442353        13442886        .       -
        .       Parent=Smp_245610.1
SM_V9_2 Liftoff CDS     13406282        13406597        .       -
        1       Parent=Smp_245610.1
SM_V9_2 Liftoff CDS     13408855        13408971        .       -
        1       Parent=Smp_245610.1
SM_V9_2 Liftoff CDS     13442353        13442696        .       -
        0       Parent=Smp_245610.1
SM_V9_2 Liftoff gene    13482266        13529529        .       +
        .
ID=Smp_310650;geneID=Smp_310650;previous_systematic_id=Smp_161180
SM_V9_2 Liftoff mRNA    13482266        13529529        .       +
        .
ID=Smp_310650.1;Parent=Smp_310650;geneID=Smp_310650;product=Peripher
al myelin protein 22
SM_V9_2 Liftoff exon    13482266        13482937        .       +
        .       Parent=Smp_310650.1
SM_V9_2 Liftoff exon    13517501        13517637        .       +
        .       Parent=Smp_310650.1
SM_V9_2 Liftoff exon    13523906        13523932        .       +
        .       Parent=Smp_310650.1
SM_V9_2 Liftoff exon    13526592        13526864        .       +
        .       Parent=Smp_310650.1
SM_V9_2 Liftoff exon    13528787        13529529        .       +
        .       Parent=Smp_310650.1
SM_V9_2 Liftoff CDS     13482486        13482937        .       +
        0       Parent=Smp_310650.1
SM_V9_2 Liftoff CDS     13517501        13517637        .       +
        1       Parent=Smp_310650.1
SM_V9_2 Liftoff CDS     13523906        13523932        .       +
        2       Parent=Smp_310650.1
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SM_V9_2 Liftoff CDS     13526592        13526864        .       +
        2       Parent=Smp_310650.1
SM_V9_2 Liftoff CDS     13528787        13529196        .       +
        2       Parent=Smp_310650.1
SM_V9_2 Liftoff gene    13558638        13581842        .       -
        .       ID=Smp_161170;geneID=Smp_161170
SM_V9_2 Liftoff mRNA    13558638        13581842        .       -
        .
ID=Smp_161170.1;Parent=Smp_161170;geneID=Smp_161170;product=RNA
polymerase-associated protein RTF1
homolog;polypeptide_domain=InterPro:IPR004343
Pfam:PF03126;Ontology_term=GO:0003677
SM_V9_2 Liftoff exon    13558638        13559335        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff exon    13561249        13561617        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff exon    13563293        13563515        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff exon    13565184        13565308        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff exon    13570156        13570324        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff exon    13580319        13580587        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff exon    13580733        13581200        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff exon    13581275        13581842        .       -
        .       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13558862        13559335        .       -
        0       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13561249        13561617        .       -
        0       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13563293        13563515        .       -
        1       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13565184        13565308        .       -
        0       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13570156        13570324        .       -
        1       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13580319        13580587        .       -
        0       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13580733        13581200        .       -
        0       Parent=Smp_161170.1
SM_V9_2 Liftoff CDS     13581275        13581331        .       -
        0       Parent=Smp_161170.1
SM_V9_2 Liftoff gene    13629049        13631175        .       +
        .       ID=Smp_171280;geneID=Smp_171280
SM_V9_2 Liftoff mRNA    13629049        13631175        .       +
        .
ID=Smp_171280.1;Parent=Smp_171280;geneID=Smp_171280;product=MAD2L1-
binding protein;polypeptide_domain=InterPro:IPR009511
Pfam:PF06581;Ontology_term=GO:0005634,GO:0007096
SM_V9_2 Liftoff exon    13629049        13629852        .       +
        .       Parent=Smp_171280.1
SM_V9_2 Liftoff exon    13630340        13631175        .       +
```

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        .       Parent=Smp_171280.1
SM_V9_2 Liftoff CDS     13629688        13629852        .       +
        0       Parent=Smp_171280.1
SM_V9_2 Liftoff CDS     13630340        13630846        .       +
        0       Parent=Smp_171280.1
SM_V9_2 iris    gene    13633361        13640063        .       -
        .
ID=Smp_090010;geneID=Smp_090010;gene_name=Smp_090010;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    13633361        13640063        .       -
        .
ID=Smp_090010.1;Parent=Smp_090010;geneID=Smp_090010;gene_name=Smp_09
0010;owner=irisadmin@local.host;orig_id=Smp_090010.1;date_last_modif
ied=2022-08-23;Name=Smp_090010.1;product=Cyclic pyranopterin
monophosphate synthase;date_creation=2022-08-23
SM_V9_2 iris    exon    13633361        13633796        .       -
        .       Parent=Smp_090010.1;Name=01c1bdd3-b1eb-4236-b41d-
f31c32f0510d
SM_V9_2 iris    exon    13637036        13637395        .       -
        .       Parent=Smp_090010.1;Name=305d3aff-f54d-4712-
ae87-54505dfa1e5b
SM_V9_2 iris    exon    13639819        13640063        .       -
        .       Parent=Smp_090010.1;Name=4c98b707-1fd1-40eb-b09e-
b47bc52f4661
SM_V9_2 iris    CDS     13633542        13633796        .       -
        0       Parent=Smp_090010.1
SM_V9_2 iris    CDS     13637036        13637395        .       -
        0       Parent=Smp_090010.1
SM_V9_2 iris    CDS     13639819        13639938        .       -
        0       Parent=Smp_090010.1
SM_V9_2 iris    gene    13642641        13655526        .       -
        .
ID=Smp_171270;geneID=Smp_171270;gene_name=Smp_171270;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13642641        13655526        .       -
        .
ID=Smp_171270.1;Parent=Smp_171270;geneID=Smp_171270;gene_name=Smp_17
1270;owner=irisadmin@local.host;orig_id=Smp_171270.1;date_last_modif
ied=2022-08-01;Name=Smp_171270.1;product=GTP 3',8-cyclase,
mitochondrial;date_creation=2022-07-29
SM_V9_2 iris    exon    13642641        13642795        .       -
        .
Parent=Smp_171270.1;Name=295a277a-6202-4f90-86ee-02efbd0312de
SM_V9_2 iris    exon    13645985        13646291        .       -
        .
Parent=Smp_171270.1;Name=effd38b6-4944-4343-93ad-3c1f4a3e7cb5
SM_V9_2 iris    exon    13648914        13649066        .       -
        .       Parent=Smp_171270.1;Name=e04fb47e-5b7f-451b-
a593-968a2f70deac
SM_V9_2 iris    exon    13651959        13652030        .       -
        .       Parent=Smp_171270.1;Name=ef249b56-dcb8-4253-ad6b-
a48449650e27
SM_V9_2 iris    exon    13654976        13655435        .       -
        .       Parent=Smp_171270.1;Name=f9fe5389-a8a4-481c-958e-
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f870d9638dbf
SM_V9_2 iris    exon    13655479        13655526        .       -
        .
Parent=Smp_171270.1;Name=123440da-397f-4663-90dc-662c0dfda80a
SM_V9_2 iris    CDS     13642740        13642795        .       -
        2       Parent=Smp_171270.1
SM_V9_2 iris    CDS     13645985        13646291        .       -
        0       Parent=Smp_171270.1
SM_V9_2 iris    CDS     13648914        13649066        .       -
        0       Parent=Smp_171270.1
SM_V9_2 iris    CDS     13651959        13652030        .       -
        0       Parent=Smp_171270.1
SM_V9_2 iris    CDS     13654976        13655164        .       -
        0       Parent=Smp_171270.1
SM_V9_2 iris    gene    13660848        13676063        .       -
        .
ID=Smp_350430;geneID=Smp_350430;gene_name=Smp_350430;owner=irisadmin
@local.host;date_last_modified=2022-11-04;date_creation=2022-11-04
SM_V9_2 iris    mRNA    13660848        13676063        .       -
        .
ID=Smp_350430.1;Parent=Smp_350430;geneID=Smp_350430;gene_name=Smp_35
0430;owner=irisadmin@local.host;orig_id=Smp_346010.1;date_last_modif
ied=2022-11-04;Name=Smp_350430.1;date_creation=2022-07-29
SM_V9_2 iris    exon    13660848        13661536        .       -
        .       Parent=Smp_350430.1;Name=71806d67-50ef-4592-a76b-
e9efb640d483
SM_V9_2 iris    exon    13662766        13663008        .       -
        .       Parent=Smp_350430.1;Name=fc81fc01-
b4bc-4d14-9e98-2e70245536a2
SM_V9_2 iris    exon    13668322        13668690        .       -
        .       Parent=Smp_350430.1;Name=76b7f57c-7c47-4e73-a032-
b1d2a1d14122
SM_V9_2 iris    exon    13673931        13674218        .       -
        .       Parent=Smp_350430.1;Name=da6adf07-0efa-4716-b7f8-
c8d491284dba
SM_V9_2 iris    exon    13675643        13676063        .       -
        .       Parent=Smp_350430.1;Name=00b708da-990d-4a8d-981f-
b2134b378a82
SM_V9_2 iris    CDS     13661039        13661536        .       -
        0       Parent=Smp_350430.1
SM_V9_2 iris    CDS     13662766        13663008        .       -
        0       Parent=Smp_350430.1
SM_V9_2 iris    CDS     13668322        13668690        .       -
        0       Parent=Smp_350430.1
SM_V9_2 iris    CDS     13673931        13674218        .       -
        0       Parent=Smp_350430.1
SM_V9_2 iris    CDS     13675643        13676050        .       -
        0       Parent=Smp_350430.1
SM_V9_2 iris    gene    13678055        13686384        .       -
        .
ID=Smp_346010;geneID=Smp_346010;gene_name=Smp_346010;owner=irisadmin
@local.host;date_last_modified=2022-11-04;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13678055        13686384        .       -
        .
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ID=Smp_346010.1;Parent=Smp_346010;geneID=Smp_346010;gene_name=Smp_34
6010;owner=irisadmin@local.host;orig_id=Smp_346010.2;date_last_modif
ied=2022-08-01;Name=Smp_346010.1;product=Pachytene checkpoint
protein 2 homolog;date_creation=2022-07-29
SM_V9_2 iris    exon    13678055        13679401        .       -
        .
Parent=Smp_346010.1;Name=de1cdb19-99e2-4312-8704-7640eac09132
SM_V9_2 iris    exon    13684914        13686384        .       -
        .       Parent=Smp_346010.1;Name=635dc6a9-be69-48f2-
bffa-360117b63070
SM_V9_2 iris    CDS     13678278        13679401        .       -
        2       Parent=Smp_346010.1
SM_V9_2 iris    CDS     13684914        13686336        .       -
        0       Parent=Smp_346010.1
SM_V9_2 Liftoff gene    13691922        13695539        .       +
        .       ID=Smp_212560;geneID=Smp_212560
SM_V9_2 Liftoff mRNA    13691922        13695539        .       +
        .
ID=Smp_212560.1;Parent=Smp_212560;geneID=Smp_212560;product=Cytochro
me b5 domain-containing protein
1;polypeptide_domain=InterPro:IPR001199 Pfam:PF00173
SM_V9_2 Liftoff exon    13691922        13692100        .       +
        .       Parent=Smp_212560.1
SM_V9_2 Liftoff exon    13693074        13693369        .       +
        .       Parent=Smp_212560.1
SM_V9_2 Liftoff exon    13694946        13695539        .       +
        .       Parent=Smp_212560.1
SM_V9_2 Liftoff CDS     13691983        13692100        .       +
        0       Parent=Smp_212560.1
SM_V9_2 Liftoff CDS     13693074        13693369        .       +
        2       Parent=Smp_212560.1
SM_V9_2 Liftoff CDS     13694946        13695158        .       +
        0       Parent=Smp_212560.1
SM_V9_2 Liftoff gene    13702012        13702802        .       +
        .       ID=Smp_327890;geneID=Smp_327890
SM_V9_2 Liftoff mRNA    13702012        13702802        .       +
        .
ID=Smp_327890.1;Parent=Smp_327890;geneID=Smp_327890;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    13702012        13702802        .       +
        .       Parent=Smp_327890.1
SM_V9_2 Liftoff CDS     13702283        13702633        .       +
        0       Parent=Smp_327890.1
SM_V9_2 iris    gene    13737842        13780549        .       +
        .
ID=Smp_242140;geneID=Smp_242140;gene_name=Smp_242140;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13737842        13780549        .       +
        .
ID=Smp_242140.1;Parent=Smp_242140;geneID=Smp_242140;gene_name=Smp_24
2140;owner=irisadmin@local.host;orig_id=Smp_242140.1;date_last_modif
ied=2022-08-01;Name=Smp_242140.1;product=MMS19 nucleotide excision
repair protein homolog;date_creation=2022-07-29
SM_V9_2 iris    exon    13737842        13737883        .       +
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        .       Parent=Smp_242140.1;Name=395e3237-
f1d8-489e-86cb-863ec65c0d60
SM_V9_2 iris    exon    13739335        13739369        .       +
        .       Parent=Smp_242140.1;Name=6ec0f7f1-0abc-4a5d-89a5-
fb0d6578452d
SM_V9_2 iris    exon    13741603        13741706        .       +
        .       Parent=Smp_242140.1;Name=6e8a0215-
c88f-4fc3-875b-2104f4217c10
SM_V9_2 iris    exon    13742606        13742863        .       +
        .
Parent=Smp_242140.1;Name=582357b8-61a3-4fb0-9b1f-1834507b4809
SM_V9_2 iris    exon    13744174        13744299        .       +
        .       Parent=Smp_242140.1;Name=6fb93c77-e54d-4d56-92ca-
aa3e35bb149d
SM_V9_2 iris    exon    13745230        13745294        .       +
        .       Parent=Smp_242140.1;Name=9f238ff2-d4a7-4bc1-b026-
b5fe9b602205
SM_V9_2 iris    exon    13747295        13747603        .       +
        .
Parent=Smp_242140.1;Name=ad237a81-9fb3-4e87-961c-977822811e0d
SM_V9_2 iris    exon    13752281        13752373        .       +
        .       Parent=Smp_242140.1;Name=f3711a33-c40b-47c6-a14e-
c8bf1cc434fd
SM_V9_2 iris    exon    13753822        13754100        .       +
        .       Parent=Smp_242140.1;Name=f08bf697-4c2e-4a09-a2c7-
a8a1fc188248
SM_V9_2 iris    exon    13758620        13758695        .       +
        .       Parent=Smp_242140.1;Name=fe9a70e2-7c90-4c2b-9989-
e6a5931c5033
SM_V9_2 iris    exon    13760650        13761043        .       +
        .
Parent=Smp_242140.1;Name=330b9e9e-0e8f-4729-84b5-8a9c5f6cef5f
SM_V9_2 iris    exon    13761484        13761575        .       +
        .       Parent=Smp_242140.1;Name=c0b9afcc-7135-4bd2-
ac2d-85de2d87deab
SM_V9_2 iris    exon    13762976        13763161        .       +
        .       Parent=Smp_242140.1;Name=7c055f5c-269d-47d7-
b782-7f46d43edb9f
SM_V9_2 iris    exon    13765678        13765936        .       +
        .       Parent=Smp_242140.1;Name=0843afa8-1ceb-4158-bad2-
e6a3e2abc5e1
SM_V9_2 iris    exon    13769249        13769315        .       +
        .       Parent=Smp_242140.1;Name=bcf5138f-142a-4b9c-8f60-
d7f5ba0d9d78
SM_V9_2 iris    exon    13770638        13770703        .       +
        .       Parent=Smp_242140.1;Name=ec2f37a8-
dc11-4d6a-8d93-9203b663e193
SM_V9_2 iris    exon    13772266        13772485        .       +
        .       Parent=Smp_242140.1;Name=68dbb162-
b360-4012-9492-3ca5037cb7a1
SM_V9_2 iris    exon    13775761        13776312        .       +
        .       Parent=Smp_242140.1;Name=a847032b-
ed26-429f-96f7-7b7034063462
SM_V9_2 iris    exon    13777163        13777239        .       +
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        .       Parent=Smp_242140.1;Name=07940a32-8700-492b-
b93e-86b121749741
SM_V9_2 iris    exon    13779068        13779262        .       +
        .       Parent=Smp_242140.1;Name=708ccf1f-63c6-48d0-8992-
c4258ada6709
SM_V9_2 iris    exon    13780203        13780549        .       +
        .
Parent=Smp_242140.1;Name=de9ef7e2-3a82-4712-93ec-152440a68f87
SM_V9_2 iris    CDS     13739335        13739369        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13741603        13741706        .       +
        1       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13742606        13742863        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13744174        13744299        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13745230        13745294        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13747295        13747603        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13752281        13752373        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13753822        13754100        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13758620        13758695        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13760650        13761043        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13761484        13761575        .       +
        1       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13762976        13763161        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13765678        13765936        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13769249        13769315        .       +
        1       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13770638        13770703        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13772266        13772485        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13775761        13776312        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13777163        13777239        .       +
        2       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13779068        13779262        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    CDS     13780203        13780439        .       +
        0       Parent=Smp_242140.1
SM_V9_2 iris    gene    13783519        13808078        .       -
        .
ID=Smp_089930;geneID=Smp_089930;gene_name=Smp_089930;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13783519        13808078        .       -
        .
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ID=Smp_089930.1;Parent=Smp_089930;geneID=Smp_089930;gene_name=Smp_08
9930;owner=irisadmin@local.host;orig_id=Smp_089930.2;date_last_modif
ied=2022-08-01;Name=Smp_089930.1;product=Serine/threonine-protein
phosphatase 2A regulatory subunit B'' subunit
beta;date_creation=2022-07-29
SM_V9_2 iris    exon    13783519        13784937        .       -
        .       Parent=Smp_089930.1;Name=fb51d666-
b222-429e-97e7-01283fbf3ed9
SM_V9_2 iris    exon    13785690        13786070        .       -
        .       Parent=Smp_089930.1;Name=6b1c6635-
fbc9-4e1b-83e0-4927714abe67
SM_V9_2 iris    exon    13786251        13786277        .       -
        .       Parent=Smp_089930.1;Name=0397aee5-d8e8-4bdd-ac38-
cfb9fc1c8a83
SM_V9_2 iris    exon    13788441        13788735        .       -
        .
Parent=Smp_089930.1;Name=10079795-1978-4193-9a92-51189e17e69a
SM_V9_2 iris    exon    13789079        13789165        .       -
        .
Parent=Smp_089930.1;Name=df1d8b40-13e8-457a-9cc7-823a4bf9a675
SM_V9_2 iris    exon    13792586        13792634        .       -
        .       Parent=Smp_089930.1;Name=80697bc5-9942-4a86-a7f7-
bf66e1c17b48
SM_V9_2 iris    exon    13794346        13794664        .       -
        .       Parent=Smp_089930.1;Name=5053e9cb-e2ed-4e92-
aa9b-3331d712a72a
SM_V9_2 iris    exon    13796001        13796103        .       -
        .
Parent=Smp_089930.1;Name=13296080-173b-4af1-83fa-9a994c3129c5
SM_V9_2 iris    exon    13798617        13798723        .       -
        .       Parent=Smp_089930.1;Name=3d8b8779-35fe-427b-
aba1-844f150d4ac0
SM_V9_2 iris    exon    13801053        13801796        .       -
        .       Parent=Smp_089930.1;Name=ffd718f9-fd57-4989-
b047-5fc5b42e09db
SM_V9_2 iris    exon    13806885        13808078        .       -
        .       Parent=Smp_089930.1;Name=2b021ea2-507a-43fc-9ecc-
dfeda5116e41
SM_V9_2 iris    CDS     13785690        13786070        .       -
        0       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13786251        13786277        .       -
        0       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13788441        13788735        .       -
        1       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13789079        13789165        .       -
        1       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13792586        13792634        .       -
        2       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13794346        13794664        .       -
        0       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13796001        13796103        .       -
        1       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13798617        13798723        .       -
        0       Parent=Smp_089930.1
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SM_V9_2 iris    CDS     13801053        13801796        .       -
        0       Parent=Smp_089930.1
SM_V9_2 iris    CDS     13806885        13807739        .       -
        0       Parent=Smp_089930.1
SM_V9_2 iris    gene    13827575        13867743        .       -
        .
ID=Smp_171200;geneID=Smp_171200;gene_name=Smp_171200;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13827575        13867743        .       -
        .
ID=Smp_171200.1;Parent=Smp_171200;geneID=Smp_171200;gene_name=Smp_17
1200;owner=irisadmin@local.host;orig_id=Smp_171200.1;date_last_modif
ied=2022-08-01;Name=Smp_171200.1;product=WD repeat-containing
protein 44;date_creation=2022-07-29
SM_V9_2 iris    exon    13827575        13828749        .       -
        .
Parent=Smp_171200.1;Name=96775ef7-96f9-4f18-9079-9cc6d26f597a
SM_V9_2 iris    exon    13829364        13829479        .       -
        .       Parent=Smp_171200.1;Name=2edd9575-
d297-43ab-981c-3b606aec33dd
SM_V9_2 iris    exon    13833859        13833957        .       -
        .       Parent=Smp_171200.1;Name=acab9258-
bea2-4b44-92bc-62870ed79d7f
SM_V9_2 iris    exon    13834620        13834955        .       -
        .       Parent=Smp_171200.1;Name=6147ca7b-176a-444a-
ae6d-3c2bd2fe1cc4
SM_V9_2 iris    exon    13836731        13837138        .       -
        .       Parent=Smp_171200.1;Name=b50dfee8-9914-4e6a-
bfd2-57c9a34eb4f4
SM_V9_2 iris    exon    13838310        13838488        .       -
        .
Parent=Smp_171200.1;Name=f824ee9f-2df9-40f4-9186-1c8225086a76
SM_V9_2 iris    exon    13845746        13845830        .       -
        .       Parent=Smp_171200.1;Name=89ad408f-39f8-4bfb-84e1-
b715a5482cb6
SM_V9_2 iris    exon    13848447        13848491        .       -
        .       Parent=Smp_171200.1;Name=6833062c-784a-4577-a6e2-
ecf977483233
SM_V9_2 iris    exon    13854744        13854824        .       -
        .       Parent=Smp_171200.1;Name=9848e74e-c989-4dbb-9710-
f201c430cd2f
SM_V9_2 iris    exon    13856340        13856404        .       -
        .
Parent=Smp_171200.1;Name=e4c4dd60-898c-44d7-9142-131e7729e78f
SM_V9_2 iris    exon    13858047        13858117        .       -
        .       Parent=Smp_171200.1;Name=4362d2a6-e450-4ebf-
ae4a-895cd3dcc55a
SM_V9_2 iris    exon    13859869        13859958        .       -
        .
Parent=Smp_171200.1;Name=20d7f40d-0d46-4e0e-93d7-96176fa016d2
SM_V9_2 iris    exon    13863159        13863633        .       -
        .
Parent=Smp_171200.1;Name=964f6d91-2c6e-4e2e-9af9-7d48e717992d
SM_V9_2 iris    exon    13864698        13864749        .       -
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        .       Parent=Smp_171200.1;Name=11738e73-f23c-4299-
a317-8e0fead677bc
SM_V9_2 iris    exon    13865535        13865956        .       -
        .       Parent=Smp_171200.1;Name=f3cb9159-4f4d-40c0-867b-
f327f1e64a57
SM_V9_2 iris    exon    13866467        13866650        .       -
        .
Parent=Smp_171200.1;Name=c385ed46-0902-44cd-9921-0357c97336ce
SM_V9_2 iris    exon    13867435        13867585        .       -
        .       Parent=Smp_171200.1;Name=00c8ac40-174b-483a-
bfaa-063988aeb6ac
SM_V9_2 iris    exon    13867619        13867743        .       -
        .       Parent=Smp_171200.1;Name=5ac7a45d-4ae8-49f6-
a9cc-142f6a3e6687
SM_V9_2 iris    CDS     13828275        13828749        .       -
        1       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13829364        13829479        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13833859        13833957        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13834620        13834955        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13836731        13837138        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13838310        13838488        .       -
        2       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13845746        13845830        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13848447        13848491        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13854744        13854824        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13856340        13856404        .       -
        2       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13858047        13858117        .       -
        1       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13859869        13859958        .       -
        1       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13863159        13863633        .       -
        2       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13864698        13864749        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13865535        13865956        .       -
        2       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13866467        13866650        .       -
        0       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13867435        13867585        .       -
        1       Parent=Smp_171200.1
SM_V9_2 iris    CDS     13867619        13867698        .       -
        0       Parent=Smp_171200.1
SM_V9_2 Liftoff gene    13876488        13895253        .       -
        .       ID=Smp_171190;geneID=Smp_171190
SM_V9_2 Liftoff mRNA    13876488        13895253        .       -
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ID=Smp_171190.1;Parent=Smp_171190;geneID=Smp_171190;product=MEG-8
family;evidence=Traceable Author Statement;literature=PMID:20606017
SM_V9_2 Liftoff exon    13876488        13876645        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13877708        13877728        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13878444        13878465        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13881992        13882015        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13883277        13883291        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13885234        13885248        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13886266        13886301        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13887612        13887647        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13888524        13888574        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13889011        13889046        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13890099        13890149        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13890328        13890378        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13891896        13891943        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13892182        13892226        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff exon    13895194        13895253        .       -
        .       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13876582        13876645        .       -
        1       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13877708        13877728        .       -
        1       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13878444        13878465        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13881992        13882015        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13883277        13883291        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13885234        13885248        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13886266        13886301        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13887612        13887647        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13888524        13888574        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13889011        13889046        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13890099        13890149        .       -
        2       Parent=Smp_171190.1
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SM_V9_2 Liftoff CDS     13890328        13890378        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13891896        13891943        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13892182        13892226        .       -
        2       Parent=Smp_171190.1
SM_V9_2 Liftoff CDS     13895194        13895245        .       -
        0       Parent=Smp_171190.1
SM_V9_2 Liftoff gene    13915042        13936814        .       +
        .       ID=Smp_089880;geneID=Smp_089880
SM_V9_2 Liftoff mRNA    13915042        13936814        .       +
        .
ID=Smp_089880.1;Parent=Smp_089880;geneID=Smp_089880;product=FAD-
dependent oxidoreductase domain-containing protein
1;polypeptide_domain=InterPro:IPR006076,IPR023753
Pfam:PF01266;Ontology_term=GO:0016491,GO:0055114
SM_V9_2 Liftoff exon    13915042        13922525        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13922565        13922825        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13922863        13922965        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13923015        13923109        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13929338        13929531        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13930457        13930596        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13932588        13932786        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13934245        13934325        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff exon    13936474        13936814        .       +
        .       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13922408        13922525        .       +
        0       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13922565        13922825        .       +
        2       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13922863        13922965        .       +
        2       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13923015        13923109        .       +
        1       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13929338        13929531        .       +
        2       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13930457        13930596        .       +
        0       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13932588        13932786        .       +
        1       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13934245        13934325        .       +
        0       Parent=Smp_089880.1
SM_V9_2 Liftoff CDS     13936474        13936728        .       +
        0       Parent=Smp_089880.1
SM_V9_2 iris    gene    13947543        13948014        .       -
        .
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ID=Smp_089870;geneID=Smp_089870;gene_name=Smp_089870;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13947543        13948014        .       -
       .
ID=Smp_089870.1;Parent=Smp_089870;geneID=Smp_089870;gene_name=Smp_08
9870;owner=irisadmin@local.host;orig_id=Smp_089870.1;date_last_modif
ied=2022-08-01;Name=Smp_089870.1;product=histone
H2A;date_creation=2022-07-29
SM_V9_2 iris    exon    13947543        13948014        .       -
        .       Parent=Smp_089870.1;Name=243e52dc-138a-40fa-
a3b6-7491fdfea687
SM_V9_2 iris    CDS     13947553        13947930        .       -
        0       Parent=Smp_089870.1
SM_V9_2 iris    gene    13949534        13951331        .       +
       .
ID=Smp_089860;geneID=Smp_089860;gene_name=Smp_089860;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13949534        13951331        .       +
       .
ID=Smp_089860.1;Parent=Smp_089860;geneID=Smp_089860;gene_name=Smp_08
9860;owner=irisadmin@local.host;orig_id=Smp_089860.1;date_last_modif
ied=2022-08-01;Name=Smp_089860.1;product=histone
H3;date_creation=2022-07-29
SM_V9_2 iris    exon    13949534        13950951        .       +
        .       Parent=Smp_089860.1;Name=c89f11ae-3038-4873-
a8ae-919cf5f2976b
SM_V9_2 iris    exon    13950988        13951092        .       +
        .       Parent=Smp_089860.1;Name=e5718206-d2ae-4cf9-
ab31-82a808184c2f
SM_V9_2 iris    exon    13951141        13951331        .       +
       .
Parent=Smp_089860.1;Name=3ced2360-23b8-4be6-9138-668918b7b6fd
SM_V9_2 iris    CDS     13949581        13949991        .       +
        0       Parent=Smp_089860.1
SM_V9_2 iris    gene    13974541        13995878        .       -
       .
ID=Smp_171180;geneID=Smp_171180;gene_name=Smp_171180;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13974541        13995878        .       -
       .
ID=Smp_171180.1;Parent=Smp_171180;geneID=Smp_171180;gene_name=Smp_17
1180;owner=irisadmin@local.host;orig_id=Smp_171180.3;date_last_modif
ied=2022-08-01;Name=Smp_171180.1;product=Probable ATP-dependent RNA
helicase DDX20;date_creation=2022-07-29
SM_V9_2 iris    exon    13974541        13975483        .       -
        .       Parent=Smp_171180.1;Name=9bc3624b-
c187-4966-8b05-4cbf8b9610be
SM_V9_2 iris    exon    13976271        13976647        .       -
        .       Parent=Smp_171180.1;Name=6d6878f5-
e55d-483c-8da7-69b132b8531f
SM_V9_2 iris    exon    13977891        13977995        .       -
        .       Parent=Smp_171180.1;Name=dfd524ea-86fb-4f70-
a94e-02d5d4e1984e
SM_V9_2 iris    exon    13981117        13981222        .       -
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        .       Parent=Smp_171180.1;Name=bb707437-1f43-428e-b40f-
e7409b286f3e
SM_V9_2 iris    exon    13982650        13982791        .       -
        .       Parent=Smp_171180.1;Name=c47be9cd-4369-412a-a07e-
ba5665161375
SM_V9_2 iris    exon    13989599        13989740        .       -
        .       Parent=Smp_171180.1;Name=3afc1e12-ed24-4275-a149-
a5c3eb969599
SM_V9_2 iris    exon    13992099        13992458        .       -
        .       Parent=Smp_171180.1;Name=152a82bb-12bb-46b2-
ae3d-3ce3868beaee
SM_V9_2 iris    exon    13993970        13994156        .       -
        .       Parent=Smp_171180.1;Name=9b3015ab-
e32b-45be-8700-064ef07b6831
SM_V9_2 iris    exon    13995550        13995878        .       -
        .       Parent=Smp_171180.1;Name=5a1784d9-
c41b-428f-97cb-86254ca9cbe2
SM_V9_2 iris    CDS     13974971        13975483        .       -
        0       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13976271        13976647        .       -
        2       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13977891        13977995        .       -
        2       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13981117        13981222        .       -
        0       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13982650        13982791        .       -
        1       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13989599        13989740        .       -
        2       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13992099        13992458        .       -
        2       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13993970        13994156        .       -
        0       Parent=Smp_171180.1
SM_V9_2 iris    CDS     13995550        13995852        .       -
        0       Parent=Smp_171180.1
SM_V9_2 iris    gene    13998538        14026478        .       -
        .
ID=Smp_171170;geneID=Smp_171170;gene_name=Smp_171170;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    13998538        14026478        .       -
        .
ID=Smp_171170.1;Parent=Smp_171170;geneID=Smp_171170;gene_name=Smp_17
1170;owner=irisadmin@local.host;orig_id=Smp_171170.1;date_last_modif
ied=2022-08-01;Name=Smp_171170.1;product=Leucine-rich repeat and WD
repeat-containing protein 1;date_creation=2022-07-29
SM_V9_2 iris    exon    13998538        13999755        .       -
        .
Parent=Smp_171170.1;Name=a5c65a6c-445f-4829-8b3d-0d66eb5f8b5b
SM_V9_2 iris    exon    14001558        14001766        .       -
        .
Parent=Smp_171170.1;Name=65ab720e-4f12-49eb-9238-592b0ab43b41
SM_V9_2 iris    exon    14003061        14003424        .       -
        .       Parent=Smp_171170.1;Name=f020721c-97e5-416a-8082-
a94cb8d65c9b
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SM_V9_2 iris    exon    14004934        14005143        .       -
        .       Parent=Smp_171170.1;Name=7f9e6b08-d102-49e6-
bd9a-81a4d2ccea1f
SM_V9_2 iris    exon    14006969        14007287        .       -
        .       Parent=Smp_171170.1;Name=9ba552d6-9b4a-4d0d-ba41-
fb0652a86d38
SM_V9_2 iris    exon    14008370        14008666        .       -
        .       Parent=Smp_171170.1;Name=db4fba56-cb9a-4a4a-ac20-
e1203cc77d20
SM_V9_2 iris    exon    14010417        14010819        .       -
        .       Parent=Smp_171170.1;Name=45147811-4d03-415f-82f3-
fba0ecd82caa
SM_V9_2 iris    exon    14012436        14012913        .       -
        .
Parent=Smp_171170.1;Name=32213aa2-31b8-4eb1-8078-3959ccb5a780
SM_V9_2 iris    exon    14013738        14013890        .       -
        .       Parent=Smp_171170.1;Name=bbcd45b8-6e06-4f7a-8a7b-
fb0bc08db40c
SM_V9_2 iris    exon    14014912        14015043        .       -
        .       Parent=Smp_171170.1;Name=0fe1c013-cd54-43e0-
a825-502fe39cb190
SM_V9_2 iris    exon    14017171        14017505        .       -
        .       Parent=Smp_171170.1;Name=d23db736-5fb6-479e-8d6b-
f1a1940d6721
SM_V9_2 iris    exon    14023938        14024326        .       -
        .
Parent=Smp_171170.1;Name=cea25d4d-6553-441f-9963-3fb8aad3ee88
SM_V9_2 iris    exon    14026423        14026478        .       -
        .       Parent=Smp_171170.1;Name=9ed8fd52-3ce6-470f-a44f-
eb1b6dd79524
SM_V9_2 iris    CDS     13999306        13999755        .       -
        0       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14001558        14001766        .       -
        2       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14003061        14003424        .       -
        0       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14004934        14005143        .       -
        0       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14006969        14007287        .       -
        1       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14008370        14008666        .       -
        1       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14010417        14010819        .       -
        2       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14012436        14012913        .       -
        0       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14013738        14013890        .       -
        0       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14014912        14015043        .       -
        0       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14017171        14017505        .       -
        2       Parent=Smp_171170.1
SM_V9_2 iris    CDS     14023938        14024326        .       -
        1       Parent=Smp_171170.1
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SM_V9_2 iris    CDS     14026423        14026439        .       -
        0       Parent=Smp_171170.1
SM_V9_2 iris    gene    14031873        14052637        .       +
        .
ID=Smp_301160;geneID=Smp_301160;gene_name=Smp_301160;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    14031873        14052637        .       +
        .
ID=Smp_301160.1;Parent=Smp_301160;geneID=Smp_301160;gene_name=Smp_30
1160;owner=irisadmin@local.host;orig_id=Smp_301160.1;date_last_modif
ied=2022-08-01;Name=Smp_301160.1;product=Paired amphipathic helix
protein Sin3a;date_creation=2022-07-29
SM_V9_2 iris    exon    14031873        14031927        .       +
        .       Parent=Smp_301160.1;Name=e25e1e11-2e74-4d22-ae00-
f9cc15d49c58
SM_V9_2 iris    exon    14034637        14034774        .       +
        .       Parent=Smp_301160.1;Name=11928570-6424-43a7-b24a-
c9491d0274d0
SM_V9_2 iris    exon    14034808        14035396        .       +
        .       Parent=Smp_301160.1;Name=f60c5967-a818-49be-
baca-39945c5ab200
SM_V9_2 iris    exon    14035436        14035648        .       +
        .       Parent=Smp_301160.1;Name=9000578e-471d-48c8-b368-
a6492c477792
SM_V9_2 iris    exon    14035690        14036025        .       +
        .       Parent=Smp_301160.1;Name=8daa1082-6e40-407f-9814-
de1bc605ea36
SM_V9_2 iris    exon    14036062        14036238        .       +
        .
Parent=Smp_301160.1;Name=68c88983-516a-41fe-8447-69f2cabb0077
SM_V9_2 iris    exon    14036987        14037079        .       +
        .
Parent=Smp_301160.1;Name=5c94c8d7-4a89-454f-8eea-97cdf26ee8e7
SM_V9_2 iris    exon    14037082        14037306        .       +
        .       Parent=Smp_301160.1;Name=4011b8ec-14ef-4d25-ace2-
ec7968b242df
SM_V9_2 iris    exon    14038149        14038426        .       +
        .       Parent=Smp_301160.1;Name=644e8807-3397-417a-a475-
ab438ca45679
SM_V9_2 iris    exon    14038802        14039072        .       +
        .       Parent=Smp_301160.1;Name=b3e24c52-10e1-4f85-
ac8d-2c5f6a29edc2
SM_V9_2 iris    exon    14039912        14040199        .       +
        .       Parent=Smp_301160.1;Name=49999f66-41ac-4886-b50e-
e97fa1713630
SM_V9_2 iris    exon    14041660        14042153        .       +
        .
Parent=Smp_301160.1;Name=0a72c170-7507-4d13-89f0-80628a2d319d
SM_V9_2 iris    exon    14043452        14043597        .       +
        .       Parent=Smp_301160.1;Name=bd19793c-c069-4a3d-
b32e-1261d6b129fb
SM_V9_2 iris    exon    14047236        14047539        .       +
        .       Parent=Smp_301160.1;Name=ae41b2bd-49cc-4a20-8c90-
f388297701a1
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SM_V9_2 iris    exon    14049125        14049749        .       +
        .       Parent=Smp_301160.1;Name=e17ba378-2abf-458e-
ae4e-1aa83b732dd5
SM_V9_2 iris    exon    14050523        14050684        .       +
        .       Parent=Smp_301160.1;Name=45c34812-90c1-4aac-9c29-
baf93d99966f
SM_V9_2 iris    exon    14051179        14051307        .       +
        .       Parent=Smp_301160.1;Name=af22c90c-
f1f8-46cb-8333-6278ffc9e507
SM_V9_2 iris    exon    14051714        14052637        .       +
        .       Parent=Smp_301160.1;Name=5854b730-937f-47d0-82bb-
f7cfa0b07074
SM_V9_2 iris    CDS     14034650        14034774        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14034808        14035396        .       +
        1       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14035436        14035648        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14035690        14036025        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14036062        14036238        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14036987        14037079        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14037082        14037306        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14038149        14038426        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14038802        14039072        .       +
        1       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14039912        14040199        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14041660        14042153        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14043452        14043597        .       +
        1       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14047236        14047539        .       +
        2       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14049125        14049749        .       +
        1       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14050523        14050684        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14051179        14051307        .       +
        0       Parent=Smp_301160.1
SM_V9_2 iris    CDS     14051714        14051971        .       +
        0       Parent=Smp_301160.1
SM_V9_2 Liftoff gene    14052821        14071629        .       -
        .       ID=Smp_171150;geneID=Smp_171150
SM_V9_2 Liftoff mRNA    14052821        14071629        .       -
        .
ID=Smp_171150.1;Parent=Smp_171150;geneID=Smp_171150;product=Protein
arginine N-methyltransferase
5;polypeptide_domain=InterPro:IPR007857,IPR025799,IPR029063,IPR03507
5,IPR035247,IPR035248
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Pfam:PF05185,PF17285,PF17286;Ontology_term=GO:0006479,GO:0008168,GO:
0035246
SM_V9_2 Liftoff exon    14052821        14053207        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14054517        14054633        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14054723        14054831        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14056247        14056341        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14058473        14058644        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14062346        14062621        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14066331        14066420        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14067653        14067799        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14069426        14069706        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14070990        14071038        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14071072        14071298        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14071333        14071442        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff exon    14071476        14071629        .       -
        .       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14052990        14053207        .       -
        2       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14054517        14054633        .       -
        2       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14054723        14054831        .       -
        0       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14056247        14056341        .       -
        2       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14058473        14058644        .       -
        0       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14062346        14062621        .       -
        0       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14066331        14066420        .       -
        0       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14067653        14067799        .       -
        0       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14069426        14069706        .       -
        2       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14070990        14071038        .       -
        0       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14071072        14071298        .       -
        2       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14071333        14071442        .       -
        1       Parent=Smp_171150.1
SM_V9_2 Liftoff CDS     14071476        14071582        .       -
        0       Parent=Smp_171150.1
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SM_V9_2 Liftoff gene    14083769        14086686        .       -
        .
ID=Smp_341500;geneID=Smp_341500;previous_systematic_id=Smp_089780
SM_V9_2 Liftoff mRNA    14083769        14086686        .       -
        .
ID=Smp_341500.1;Parent=Smp_341500;geneID=Smp_341500;product=P2X
purinoceptor 4;polypeptide_domain=InterPro:IPR001429,IPR027309
Pfam:PF00864;Ontology_term=GO:0001614,GO:0004931,GO:0005887,GO:00331
98,GO:0098655
SM_V9_2 Liftoff exon    14083769        14086686        .       -
        .       Parent=Smp_341500.1
SM_V9_2 Liftoff CDS     14085158        14086597        .       -
        0       Parent=Smp_341500.1
SM_V9_2 Liftoff gene    14095510        14122091        .       +
        .       ID=Smp_171140;geneID=Smp_171140
SM_V9_2 Liftoff mRNA    14095510        14122091        .       +
        .
ID=Smp_171140.1;Parent=Smp_171140;geneID=Smp_171140;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    14095510        14096387        .       +
        .       Parent=Smp_171140.1
SM_V9_2 Liftoff exon    14109250        14110707        .       +
        .       Parent=Smp_171140.1
SM_V9_2 Liftoff exon    14114539        14114580        .       +
        .       Parent=Smp_171140.1
SM_V9_2 Liftoff exon    14119343        14119867        .       +
        .       Parent=Smp_171140.1
SM_V9_2 Liftoff exon    14121605        14122091        .       +
        .       Parent=Smp_171140.1
SM_V9_2 Liftoff CDS     14095871        14096387        .       +
        0       Parent=Smp_171140.1
SM_V9_2 Liftoff CDS     14109250        14110707        .       +
        2       Parent=Smp_171140.1
SM_V9_2 Liftoff CDS     14114539        14114580        .       +
        2       Parent=Smp_171140.1
SM_V9_2 Liftoff CDS     14119343        14119867        .       +
        2       Parent=Smp_171140.1
SM_V9_2 Liftoff CDS     14121605        14121804        .       +
        2       Parent=Smp_171140.1
SM_V9_2 Liftoff mRNA    14095510        14122091        .       +
        .
ID=Smp_171140.2;Parent=Smp_171140;geneID=Smp_171140;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    14095510        14096387        .       +
        .       Parent=Smp_171140.2
SM_V9_2 Liftoff exon    14109250        14110707        .       +
        .       Parent=Smp_171140.2
SM_V9_2 Liftoff exon    14119343        14119867        .       +
        .       Parent=Smp_171140.2
SM_V9_2 Liftoff exon    14121605        14122091        .       +
        .       Parent=Smp_171140.2
SM_V9_2 Liftoff CDS     14095871        14096387        .       +
        0       Parent=Smp_171140.2
SM_V9_2 Liftoff CDS     14109250        14110707        .       +
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        2       Parent=Smp_171140.2
SM_V9_2 Liftoff CDS     14119343        14119867        .       +
        2       Parent=Smp_171140.2
SM_V9_2 Liftoff CDS     14121605        14121804        .       +
        2       Parent=Smp_171140.2
SM_V9_2 Liftoff gene    14154135        14161649        .       -
        .       ID=Smp_171130;geneID=Smp_171130
SM_V9_2 Liftoff mRNA    14154135        14161649        .       -
        .
ID=Smp_171130.1;Parent=Smp_171130;geneID=Smp_171130;product=Transcri
ption factor glial cells
missing;polypeptide_domain=InterPro:IPR003902
Pfam:PF03615;Ontology_term=GO:0003677,GO:0006355
SM_V9_2 Liftoff exon    14154135        14155794        .       -
        .       Parent=Smp_171130.1
SM_V9_2 Liftoff exon    14156798        14157331        .       -
        .       Parent=Smp_171130.1
SM_V9_2 Liftoff exon    14159739        14159976        .       -
        .       Parent=Smp_171130.1
SM_V9_2 Liftoff exon    14160871        14161649        .       -
        .       Parent=Smp_171130.1
SM_V9_2 Liftoff CDS     14154377        14155794        .       -
        2       Parent=Smp_171130.1
SM_V9_2 Liftoff CDS     14156798        14157331        .       -
        2       Parent=Smp_171130.1
SM_V9_2 Liftoff CDS     14159739        14159976        .       -
        0       Parent=Smp_171130.1
SM_V9_2 Liftoff CDS     14160871        14161602        .       -
        0       Parent=Smp_171130.1
SM_V9_2 Liftoff gene    14217100        14221104        .       +
        .       ID=Smp_171120;geneID=Smp_171120
SM_V9_2 Liftoff mRNA    14217100        14221104        .       +
        .
ID=Smp_171120.1;Parent=Smp_171120;geneID=Smp_171120;product=Solute
carrier family 35 member B1;polypeptide_domain=InterPro:IPR013657
Pfam:PF08449;Ontology_term=GO:0055085
SM_V9_2 Liftoff exon    14217100        14217228        .       +
        .       Parent=Smp_171120.1
SM_V9_2 Liftoff exon    14217270        14217367        .       +
        .       Parent=Smp_171120.1
SM_V9_2 Liftoff exon    14217406        14217533        .       +
        .       Parent=Smp_171120.1
SM_V9_2 Liftoff exon    14217567        14217752        .       +
        .       Parent=Smp_171120.1
SM_V9_2 Liftoff exon    14217794        14217917        .       +
        .       Parent=Smp_171120.1
SM_V9_2 Liftoff exon    14219064        14219170        .       +
        .       Parent=Smp_171120.1
SM_V9_2 Liftoff exon    14220747        14221104        .       +
        .       Parent=Smp_171120.1
SM_V9_2 Liftoff CDS     14217140        14217228        .       +
        0       Parent=Smp_171120.1
SM_V9_2 Liftoff CDS     14217270        14217367        .       +
        1       Parent=Smp_171120.1
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SM_V9_2 Liftoff CDS     14217406        14217533        .       +
        2       Parent=Smp_171120.1
SM_V9_2 Liftoff CDS     14217567        14217752        .       +
        0       Parent=Smp_171120.1
SM_V9_2 Liftoff CDS     14217794        14217917        .       +
        0       Parent=Smp_171120.1
SM_V9_2 Liftoff CDS     14219064        14219170        .       +
        2       Parent=Smp_171120.1
SM_V9_2 Liftoff CDS     14220747        14221025        .       +
        0       Parent=Smp_171120.1
SM_V9_2 Liftoff gene    14227521        14262006        .       -
        .
ID=Smp_310740;geneID=Smp_310740;previous_systematic_id=Smp_089730,Sm
p_171110
SM_V9_2 Liftoff mRNA    14227521        14262006        .       -
        .
ID=Smp_310740.1;Parent=Smp_310740;geneID=Smp_310740;product=Endothel
in-converting enzyme
homolog;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14227521        14227933        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14230248        14230321        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14234596        14234667        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14236706        14236756        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14239376        14239506        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14240303        14240469        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14242705        14242802        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14246672        14246752        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14246805        14246897        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14247831        14247946        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14249860        14249951        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14251513        14251661        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14253177        14253242        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14256335        14256457        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff exon    14260811        14262006        .       -
        .       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14227837        14227933        .       -
        1       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14230248        14230321        .       -
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SM_V9_2 Liftoff CDS     14234596        14234667        .       -
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SM_V9_2 Liftoff CDS     14236706        14236756        .       -
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SM_V9_2 Liftoff CDS     14239376        14239506        .       -
        2       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14240303        14240469        .       -
        1       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14242705        14242802        .       -
        0       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14246672        14246752        .       -
        0       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14246805        14246897        .       -
        0       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14247831        14247946        .       -
        2       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14249860        14249951        .       -
        1       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14251513        14251661        .       -
        0       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14253177        14253242        .       -
        0       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14256335        14256457        .       -
        0       Parent=Smp_310740.1
SM_V9_2 Liftoff CDS     14260811        14261095        .       -
        0       Parent=Smp_310740.1
SM_V9_2 Liftoff gene    14273330        14304778        .       +
        .       ID=Smp_327910;geneID=Smp_327910
SM_V9_2 Liftoff mRNA    14273330        14304778        .       +
        .
ID=Smp_327910.1;Parent=Smp_327910;geneID=Smp_327910;product=Kell
blood group glycoprotein
homolog;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14273330        14273486        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14277124        14277189        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14279708        14279773        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14281430        14281495        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14281956        14282081        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14287636        14287943        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14289164        14289211        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14289729        14289851        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14290652        14290717        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14292177        14292325        .       +
        .       Parent=Smp_327910.1
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SM_V9_2 Liftoff exon    14293613        14293704        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14294552        14294655        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14295136        14295234        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14295287        14295367        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14297155        14297252        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14298334        14298500        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14299544        14299674        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14301201        14301251        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14301957        14302016        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14303664        14303737        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff exon    14304318        14304778        .       +
        .       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14273363        14273486        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14277124        14277189        .       +
        2       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14279708        14279773        .       +
        2       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14281430        14281495        .       +
        2       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14281956        14282081        .       +
        2       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14287636        14287943        .       +
        2       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14289164        14289211        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14289729        14289851        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14290652        14290717        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14292177        14292325        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14293613        14293704        .       +
        1       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14294552        14294655        .       +
        2       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14295136        14295234        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14295287        14295367        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14297155        14297252        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14298334        14298500        .       +
        1       Parent=Smp_327910.1
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SM_V9_2 Liftoff CDS     14299544        14299674        .       +
        2       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14301201        14301251        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14301957        14302016        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14303664        14303737        .       +
        0       Parent=Smp_327910.1
SM_V9_2 Liftoff CDS     14304318        14304426        .       +
        1       Parent=Smp_327910.1
SM_V9_2 Liftoff mRNA    14273330        14304778        .       +
        .
ID=Smp_327910.2;Parent=Smp_327910;geneID=Smp_327910;product=Kell
blood group glycoprotein
homolog;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14273330        14273486        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14277124        14277189        .       +
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SM_V9_2 Liftoff exon    14279708        14279773        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14280569        14280634        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14281430        14281495        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14281956        14282081        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14287636        14287943        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14289164        14289211        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14289729        14289851        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14290652        14290717        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14292177        14292325        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14293613        14293704        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14294552        14294655        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14295136        14295234        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14295287        14295367        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14297155        14297252        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14298334        14298500        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14299544        14299674        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14301201        14301251        .       +
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SM_V9_2 Liftoff exon    14301957        14302016        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14303664        14303737        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff exon    14304318        14304778        .       +
        .       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14273363        14273486        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14277124        14277189        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14279708        14279773        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14280569        14280634        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14281430        14281495        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14281956        14282081        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14287636        14287943        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14289164        14289211        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14289729        14289851        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14290652        14290717        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14292177        14292325        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14293613        14293704        .       +
        1       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14294552        14294655        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14295136        14295234        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14295287        14295367        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14297155        14297252        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14298334        14298500        .       +
        1       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14299544        14299674        .       +
        2       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14301201        14301251        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14301957        14302016        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14303664        14303737        .       +
        0       Parent=Smp_327910.2
SM_V9_2 Liftoff CDS     14304318        14304426        .       +
        1       Parent=Smp_327910.2
SM_V9_2 Liftoff mRNA    14273330        14304778        .       +
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blood group glycoprotein
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homolog;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14273330        14273486        .       +
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SM_V9_2 Liftoff exon    14277124        14277189        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14279708        14279773        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14280569        14280634        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14281430        14281495        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14281956        14282081        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14287636        14287943        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14289164        14289211        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14289729        14289851        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14292177        14292325        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14293613        14293704        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14294552        14294655        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14295136        14295234        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14295287        14295367        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14297155        14297252        .       +
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SM_V9_2 Liftoff exon    14298334        14298500        .       +
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SM_V9_2 Liftoff exon    14299544        14299674        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14301201        14301251        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14301957        14302016        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14303664        14303737        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff exon    14304318        14304778        .       +
        .       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14273363        14273486        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14277124        14277189        .       +
        2       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14279708        14279773        .       +
        2       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14280569        14280634        .       +
        2       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14281430        14281495        .       +
        2       Parent=Smp_327910.3
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SM_V9_2 Liftoff CDS     14281956        14282081        .       +
        2       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14287636        14287943        .       +
        2       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14289164        14289211        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14289729        14289851        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14292177        14292325        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14293613        14293704        .       +
        1       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14294552        14294655        .       +
        2       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14295136        14295234        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14295287        14295367        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14297155        14297252        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14298334        14298500        .       +
        1       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14299544        14299674        .       +
        2       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14301201        14301251        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14301957        14302016        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14303664        14303737        .       +
        0       Parent=Smp_327910.3
SM_V9_2 Liftoff CDS     14304318        14304426        .       +
        1       Parent=Smp_327910.3
SM_V9_2 Liftoff mRNA    14273330        14304778        .       +
        .
ID=Smp_327910.4;Parent=Smp_327910;geneID=Smp_327910;product=Endothel
in-converting enzyme
homolog;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14273330        14273486        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14277124        14277189        .       +
        .       Parent=Smp_327910.4
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        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14280569        14280634        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14281430        14281495        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14281956        14282081        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14287636        14287943        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14289164        14289211        .       +
        .       Parent=Smp_327910.4
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SM_V9_2 Liftoff exon    14289729        14289851        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14290652        14290717        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14292177        14292325        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14293613        14293704        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14294895        14294992        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14295136        14295234        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14295287        14295367        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14297155        14297252        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14298334        14298500        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14299544        14299674        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14301201        14301251        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14301957        14302016        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14303664        14303737        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff exon    14304318        14304778        .       +
        .       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14273363        14273486        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14277124        14277189        .       +
        2       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14279708        14279773        .       +
        2       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14280569        14280634        .       +
        2       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14281430        14281495        .       +
        2       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14281956        14282081        .       +
        2       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14287636        14287943        .       +
        2       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14289164        14289211        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14289729        14289851        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14290652        14290717        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14292177        14292325        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14293613        14293704        .       +
        1       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14294895        14294992        .       +
        2       Parent=Smp_327910.4
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SM_V9_2 Liftoff CDS     14295136        14295234        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14295287        14295367        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14297155        14297252        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14298334        14298500        .       +
        1       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14299544        14299674        .       +
        2       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14301201        14301251        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14301957        14302016        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14303664        14303737        .       +
        0       Parent=Smp_327910.4
SM_V9_2 Liftoff CDS     14304318        14304426        .       +
        1       Parent=Smp_327910.4
SM_V9_2 Liftoff gene    14322384        14354652        .       -
        .       ID=Smp_327920;geneID=Smp_327920
SM_V9_2 Liftoff mRNA    14322384        14354652        .       -
        .
ID=Smp_327920.1;Parent=Smp_327920;geneID=Smp_327920;product=Endothel
in-converting enzyme
homolog;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14322384        14322594        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14323175        14323248        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14324896        14324955        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14325661        14325711        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14327238        14327368        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14328412        14328578        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14329660        14329757        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14331546        14331626        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14331679        14331777        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14332266        14332369        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14333216        14333307        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14334595        14334743        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14336180        14336245        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14337326        14337448        .       -
        .       Parent=Smp_327920.1
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SM_V9_2 Liftoff exon    14337966        14338013        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14339269        14339576        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14344185        14344310        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14344771        14344830        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14345629        14345694        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14346491        14346556        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14347349        14347408        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14348207        14348266        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14349065        14349124        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14349923        14349982        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14350781        14350840        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14351639        14351698        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14352497        14352556        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff exon    14354431        14354652        .       -
        .       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14322486        14322594        .       -
        1       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14323175        14323248        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14324896        14324955        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14325661        14325711        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14327238        14327368        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14328412        14328578        .       -
        1       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14329660        14329757        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14331546        14331626        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14331679        14331777        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14332266        14332369        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14333216        14333307        .       -
        1       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14334595        14334743        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14336180        14336245        .       -
        0       Parent=Smp_327920.1
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SM_V9_2 Liftoff CDS     14337326        14337448        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14337966        14338013        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14339269        14339576        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14344185        14344310        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14344771        14344830        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14345629        14345694        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14346491        14346556        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14347349        14347408        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14348207        14348266        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14349065        14349124        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14349923        14349982        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14350781        14350840        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14351639        14351698        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14352497        14352556        .       -
        2       Parent=Smp_327920.1
SM_V9_2 Liftoff CDS     14354431        14354554        .       -
        0       Parent=Smp_327920.1
SM_V9_2 Liftoff gene    14360674        14362552        .       +
        .       ID=Smp_348540;geneID=Smp_348540
SM_V9_2 Liftoff mRNA    14360674        14362552        .       +
        .
ID=Smp_348540.1;Parent=Smp_348540;geneID=Smp_348540;product=Sensor
protein ChvG
SM_V9_2 Liftoff exon    14360674        14360844        .       +
        .       Parent=Smp_348540.1
SM_V9_2 Liftoff exon    14362341        14362552        .       +
        .       Parent=Smp_348540.1
SM_V9_2 Liftoff CDS     14360733        14360844        .       +
        0       Parent=Smp_348540.1
SM_V9_2 Liftoff CDS     14362341        14362369        .       +
        2       Parent=Smp_348540.1
SM_V9_2 iris    gene    14369571        14399626        .       +
        .
ID=Smp_327950;geneID=Smp_327950;gene_name=Smp_327950;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    14369571        14399626        .       +
        .
ID=Smp_327950.1;Parent=Smp_327950;geneID=Smp_327950;gene_name=Smp_32
7950;owner=irisadmin@local.host;orig_id=Smp_327950.2;date_last_modif
ied=2022-08-01;Name=Smp_327950.1;product=Endothelin-converting
enzyme 2;date_creation=2022-07-29
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SM_V9_2 iris    exon    14369571        14369722        .       +
        .       Parent=Smp_327950.1;Name=77d87aa7-edb0-4a82-9b9e-
b8d656a50e15
SM_V9_2 iris    exon    14371391        14371582        .       +
        .       Parent=Smp_327950.1;Name=6629e30d-
edcf-498b-8d6e-3e7b2967cbf9
SM_V9_2 iris    exon    14372262        14372530        .       +
        .       Parent=Smp_327950.1;Name=ee148b64-
b970-4ac6-8c25-861333d4844b
SM_V9_2 iris    exon    14373956        14373997        .       +
        .       Parent=Smp_327950.1;Name=e8bdb6dc-c0d0-4aef-9086-
d1388422b69f
SM_V9_2 iris    exon    14376405        14376521        .       +
        .       Parent=Smp_327950.1;Name=342a4607-c227-4265-
b029-88827cfff864
SM_V9_2 iris    exon    14378601        14378684        .       +
        .       Parent=Smp_327950.1;Name=6d668f10-45b0-44d3-
a06e-4b5fdfd2b679
SM_V9_2 iris    exon    14379218        14379363        .       +
        .       Parent=Smp_327950.1;Name=4b78db6d-1aab-408e-b911-
b2d0b992b9dd
SM_V9_2 iris    exon    14381001        14381098        .       +
        .       Parent=Smp_327950.1;Name=d73a999c-
fd44-4c74-81a9-15278a9437b2
SM_V9_2 iris    exon    14382578        14382690        .       +
        .       Parent=Smp_327950.1;Name=51e1a32f-
a838-4533-9f83-5f9e4f10d85b
SM_V9_2 iris    exon    14385013        14385192        .       +
        .       Parent=Smp_327950.1;Name=314cf8a1-be90-484f-
ace0-23cda85538d2
SM_V9_2 iris    exon    14386109        14386206        .       +
        .       Parent=Smp_327950.1;Name=c286e866-a541-4971-
a49f-0f2f18432ae1
SM_V9_2 iris    exon    14391666        14391850        .       +
        .       Parent=Smp_327950.1;Name=2d6659ea-b66a-49f8-bc39-
cd2bb8a37ca5
SM_V9_2 iris    exon    14393469        14393596        .       +
        .       Parent=Smp_327950.1;Name=7646c8c5-327f-4439-
bf86-4e546a7b2f35
SM_V9_2 iris    exon    14396003        14396068        .       +
        .       Parent=Smp_327950.1;Name=08037f47-
e16a-4917-83fa-0ce2c9e9ad90
SM_V9_2 iris    exon    14397749        14397847        .       +
        .       Parent=Smp_327950.1;Name=70c62417-
ab84-40e3-8162-94b288611e24
SM_V9_2 iris    exon    14398830        14398906        .       +
        .       Parent=Smp_327950.1;Name=f6985cf6-2a3a-494c-a11f-
e58a49bb4385
SM_V9_2 iris    exon    14399412        14399626        .       +
        .       Parent=Smp_327950.1;Name=58810e50-1a93-41fe-
bedb-71a4f77f9001
SM_V9_2 iris    CDS     14369608        14369722        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14371391        14371582        .       +
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        2       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14372262        14372530        .       +
        2       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14373956        14373997        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14376405        14376521        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14378601        14378684        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14379218        14379363        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14381001        14381098        .       +
        1       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14382578        14382690        .       +
        2       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14385013        14385192        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14386109        14386206        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14391666        14391850        .       +
        1       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14393469        14393596        .       +
        2       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14396003        14396068        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14397749        14397847        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14398830        14398906        .       +
        0       Parent=Smp_327950.1
SM_V9_2 iris    CDS     14399412        14399511        .       +
        1       Parent=Smp_327950.1
SM_V9_2 Liftoff gene    14432338        14460740        .       +
        .
ID=Smp_333830;geneID=Smp_333830;previous_systematic_id=Smp_170470,Sm
p_170480
SM_V9_2 Liftoff mRNA    14432338        14460740        .       +
        .
ID=Smp_333830.1;Parent=Smp_333830;geneID=Smp_333830;product=Endothel
in-converting enzyme
2;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14432338        14432409        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14432454        14432486        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14433655        14433705        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14434701        14434892        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14438854        14439152        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14442154        14442195        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14443371        14443487        .       +
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        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14444697        14444768        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14445171        14445319        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14447388        14447485        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14449134        14449246        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14452454        14452552        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14452601        14452681        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14453452        14453549        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14454446        14454630        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14455880        14456007        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14457298        14457363        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14458426        14458524        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14459868        14459944        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff exon    14460355        14460740        .       +
        .       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14432361        14432409        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14432454        14432486        .       +
        2       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14433655        14433705        .       +
        2       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14434701        14434892        .       +
        2       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14438854        14439152        .       +
        2       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14442154        14442195        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14443371        14443487        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14444697        14444768        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14445171        14445319        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14447388        14447485        .       +
        1       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14449134        14449246        .       +
        2       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14452454        14452552        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14452601        14452681        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14453452        14453549        .       +
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        0       Parent=Smp_333830.1
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        1       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14455880        14456007        .       +
        2       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14457298        14457363        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14458426        14458524        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14459868        14459944        .       +
        0       Parent=Smp_333830.1
SM_V9_2 Liftoff CDS     14460355        14460454        .       +
        1       Parent=Smp_333830.1
SM_V9_2 Liftoff gene    14590309        14598581        .       -
        .       ID=Smp_157450;geneID=Smp_157450
SM_V9_2 Liftoff mRNA    14590309        14598581        .       -
        .
ID=Smp_157450.1;Parent=Smp_157450;geneID=Smp_157450;product=Endothel
in-converting enzyme
2;polypeptide_domain=InterPro:IPR018497,IPR024079
Pfam:PF01431;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14590309        14590603        .       -
        .       Parent=Smp_157450.1
SM_V9_2 Liftoff exon    14597485        14597537        .       -
        .       Parent=Smp_157450.1
SM_V9_2 Liftoff exon    14597570        14597655        .       -
        .       Parent=Smp_157450.1
SM_V9_2 Liftoff exon    14597692        14597863        .       -
        .       Parent=Smp_157450.1
SM_V9_2 Liftoff exon    14598535        14598581        .       -
        .       Parent=Smp_157450.1
SM_V9_2 Liftoff CDS     14590381        14590603        .       -
        1       Parent=Smp_157450.1
SM_V9_2 Liftoff CDS     14597485        14597537        .       -
        0       Parent=Smp_157450.1
SM_V9_2 Liftoff CDS     14597570        14597655        .       -
        2       Parent=Smp_157450.1
SM_V9_2 Liftoff CDS     14597692        14597863        .       -
        0       Parent=Smp_157450.1
SM_V9_2 Liftoff CDS     14598535        14598540        .       -
        0       Parent=Smp_157450.1
SM_V9_2 Liftoff gene    14634718        14667697        .       +
        .       ID=Smp_327960;geneID=Smp_327960
SM_V9_2 Liftoff mRNA    14634718        14667697        .       +
        .
ID=Smp_327960.1;Parent=Smp_327960;geneID=Smp_327960;product=Endothel
in-converting enzyme
2;polypeptide_domain=InterPro:IPR018497,IPR024079
Pfam:PF01431;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14634718        14642299        .       +
        .       Parent=Smp_327960.1
SM_V9_2 Liftoff exon    14643001        14643098        .       +
        .       Parent=Smp_327960.1
SM_V9_2 Liftoff exon    14643996        14644180        .       +
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        .       Parent=Smp_327960.1
SM_V9_2 Liftoff exon    14645680        14645807        .       +
        .       Parent=Smp_327960.1
SM_V9_2 Liftoff exon    14654384        14654449        .       +
        .       Parent=Smp_327960.1
SM_V9_2 Liftoff exon    14659277        14659375        .       +
        .       Parent=Smp_327960.1
SM_V9_2 Liftoff exon    14659879        14659955        .       +
        .       Parent=Smp_327960.1
SM_V9_2 Liftoff exon    14667314        14667697        .       +
        .       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14642228        14642299        .       +
        0       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14643001        14643098        .       +
        0       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14643996        14644180        .       +
        1       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14645680        14645807        .       +
        2       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14654384        14654449        .       +
        0       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14659277        14659375        .       +
        0       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14659879        14659955        .       +
        0       Parent=Smp_327960.1
SM_V9_2 Liftoff CDS     14667314        14667413        .       +
        1       Parent=Smp_327960.1
SM_V9_2 Liftoff gene    14707158        14711368        .       +
        .       ID=Smp_170490;geneID=Smp_170490
SM_V9_2 Liftoff mRNA    14707158        14711368        .       +
        .
ID=Smp_170490.1;Parent=Smp_170490;geneID=Smp_170490;product=Neprilys
in-2;polypeptide_domain=InterPro:IPR008753
Pfam:PF05649;Ontology_term=GO:0006508
SM_V9_2 Liftoff exon    14707158        14708469        .       +
        .       Parent=Smp_170490.1
SM_V9_2 Liftoff exon    14709523        14709745        .       +
        .       Parent=Smp_170490.1
SM_V9_2 Liftoff exon    14710932        14711368        .       +
        .       Parent=Smp_170490.1
SM_V9_2 Liftoff CDS     14708434        14708469        .       +
        0       Parent=Smp_170490.1
SM_V9_2 Liftoff CDS     14709523        14709745        .       +
        0       Parent=Smp_170490.1
SM_V9_2 Liftoff CDS     14710932        14711329        .       +
        2       Parent=Smp_170490.1
SM_V9_2 Liftoff gene    14766848        14790583        .       +
        .
ID=Smp_344860;geneID=Smp_344860;previous_systematic_id=Smp_157440
SM_V9_2 Liftoff mRNA    14766848        14790583        .       +
        .
ID=Smp_344860.1;Parent=Smp_344860;geneID=Smp_344860;product=Endothel
in-converting enzyme
2;polypeptide_domain=InterPro:IPR008753,IPR024079
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Pfam:PF05649;Ontology_term=GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    14766848        14769279        .       +
        .       Parent=Smp_344860.1
SM_V9_2 Liftoff exon    14770529        14770755        .       +
        .       Parent=Smp_344860.1
SM_V9_2 Liftoff exon    14776284        14776432        .       +
        .       Parent=Smp_344860.1
SM_V9_2 Liftoff exon    14790270        14790583        .       +
        .       Parent=Smp_344860.1
SM_V9_2 Liftoff CDS     14769093        14769279        .       +
        0       Parent=Smp_344860.1
SM_V9_2 Liftoff CDS     14770529        14770755        .       +
        2       Parent=Smp_344860.1
SM_V9_2 Liftoff CDS     14776284        14776432        .       +
        0       Parent=Smp_344860.1
SM_V9_2 Liftoff CDS     14790270        14790369        .       +
        1       Parent=Smp_344860.1
SM_V9_2 iris    gene    14795069        14812554        .       -
        .
ID=Smp_065420;geneID=Smp_065420;gene_name=Smp_065420;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    14795069        14812554        .       -
        .
ID=Smp_065420.1;Parent=Smp_065420;geneID=Smp_065420;gene_name=Smp_06
5420;owner=irisadmin@local.host;orig_id=Smp_065420.1;date_last_modif
ied=2022-08-01;Name=Smp_065420.1;product=ATP-dependent RNA helicase
dbp7;date_creation=2022-07-29
SM_V9_2 iris    exon    14795069        14796437        .       -
        .
Parent=Smp_065420.1;Name=af3859f2-523b-4a09-84d2-74ba4c062fbc
SM_V9_2 iris    exon    14798322        14798573        .       -
        .       Parent=Smp_065420.1;Name=98566486-ff53-4562-9ea2-
faaa72dd644d
SM_V9_2 iris    exon    14809579        14809777        .       -
        .       Parent=Smp_065420.1;Name=bdf20786-cdef-4429-
a1de-065f19a74fc1
SM_V9_2 iris    exon    14811016        14811068        .       -
        .       Parent=Smp_065420.1;Name=ab8ed528-6c71-478a-
b7ce-19f2ad6cdc57
SM_V9_2 iris    exon    14811101        14811186        .       -
        .       Parent=Smp_065420.1;Name=59b29c27-575c-4646-
b55b-632406963355
SM_V9_2 iris    exon    14811223        14811394        .       -
        .
Parent=Smp_065420.1;Name=683d0c13-8ad9-466f-87db-9725174949b6
SM_V9_2 iris    exon    14812295        14812554        .       -
        .       Parent=Smp_065420.1;Name=d8a836ee-f1d1-4770-
a05b-2978c86af818
SM_V9_2 iris    CDS     14796039        14796437        .       -
        0       Parent=Smp_065420.1
SM_V9_2 iris    CDS     14798322        14798573        .       -
        0       Parent=Smp_065420.1
SM_V9_2 iris    CDS     14809579        14809777        .       -
        1       Parent=Smp_065420.1
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SM_V9_2 iris    CDS     14811016        14811068        .       -
        0       Parent=Smp_065420.1
SM_V9_2 iris    CDS     14811101        14811186        .       -
        2       Parent=Smp_065420.1
SM_V9_2 iris    CDS     14811223        14811358        .       -
        0       Parent=Smp_065420.1
SM_V9_2 iris    gene    14831818        14890637        .       +
        .
ID=Smp_333840;geneID=Smp_333840;gene_name=Smp_333840;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    14831818        14890637        .       +
        .
ID=Smp_333840.1;Parent=Smp_333840;geneID=Smp_333840;gene_name=Smp_33
3840;owner=irisadmin@local.host;orig_id=Smp_333840.1;date_last_modif
ied=2022-08-01;Name=Smp_333840.1;product=Sodium-dependent serotonin
transporter;date_creation=2022-07-29
SM_V9_2 iris    exon    14831818        14832532        .       +
        .
Parent=Smp_333840.1;Name=9f5d94ed-36f2-4d66-9b08-0083035cda39
SM_V9_2 iris    exon    14860798        14860932        .       +
        .       Parent=Smp_333840.1;Name=f3267faf-
ddb0-4569-93e6-593611f6f3e0
SM_V9_2 iris    exon    14866121        14866415        .       +
        .       Parent=Smp_333840.1;Name=cbe6b6d1-
c656-4c67-9ffc-8d994d5e2226
SM_V9_2 iris    exon    14869004        14869142        .       +
        .       Parent=Smp_333840.1;Name=7ac75ad6-6251-4f95-
a0cb-5c708f6f1fc0
SM_V9_2 iris    exon    14870584        14870718        .       +
        .       Parent=Smp_333840.1;Name=c4ac10aa-d69f-4672-8f18-
dc9af402db56
SM_V9_2 iris    exon    14872271        14872374        .       +
        .       Parent=Smp_333840.1;Name=4546feb3-3158-4d2e-a698-
b25d26acf2a5
SM_V9_2 iris    exon    14875632        14875756        .       +
        .       Parent=Smp_333840.1;Name=e719feab-
b40d-4548-8384-263f86dd2521
SM_V9_2 iris    exon    14878476        14878588        .       +
        .       Parent=Smp_333840.1;Name=72a981d1-0a43-409c-
ae56-99a633d17c83
SM_V9_2 iris    exon    14880636        14880764        .       +
        .       Parent=Smp_333840.1;Name=e0dc3054-40e2-4499-
b891-827ea24df654
SM_V9_2 iris    exon    14882746        14882845        .       +
        .       Parent=Smp_333840.1;Name=607bc208-d6b8-4955-
aa96-2726b1da0d9d
SM_V9_2 iris    exon    14884156        14884256        .       +
        .       Parent=Smp_333840.1;Name=594336f3-5951-4e03-8812-
b8d93dbd74a8
SM_V9_2 iris    exon    14888292        14888471        .       +
        .       Parent=Smp_333840.1;Name=d3a99e9b-3e84-4f33-a607-
d87ccf605262
SM_V9_2 iris    exon    14889580        14890637        .       +
        .       Parent=Smp_333840.1;Name=51e32b94-2a96-4426-b9df-
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e89131af3e2e
SM_V9_2 iris    CDS     14831998        14832532        .       +
        0       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14860798        14860932        .       +
        2       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14866121        14866415        .       +
        2       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14869004        14869142        .       +
        1       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14870584        14870718        .       +
        0       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14872271        14872374        .       +
        0       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14875632        14875756        .       +
        1       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14878476        14878588        .       +
        2       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14880636        14880764        .       +
        0       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14882746        14882845        .       +
        0       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14884156        14884256        .       +
        2       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14888292        14888471        .       +
        0       Parent=Smp_333840.1
SM_V9_2 iris    CDS     14889580        14889696        .       +
        0       Parent=Smp_333840.1
SM_V9_2 iris    gene    14892480        14922464        .       -
        .
ID=Smp_065370;geneID=Smp_065370;gene_name=Smp_065370;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    14892480        14922464        .       -
        .
ID=Smp_065370.1;Parent=Smp_065370;geneID=Smp_065370;gene_name=Smp_06
5370;owner=irisadmin@local.host;orig_id=Smp_065370.1;date_last_modif
ied=2022-08-01;Name=Smp_065370.1;product=Alpha-amylase
2;date_creation=2022-07-29
SM_V9_2 iris    exon    14892480        14893011        .       -
        .       Parent=Smp_065370.1;Name=bf3d5263-93d0-427f-
beb1-82b18048f005
SM_V9_2 iris    exon    14894631        14894881        .       -
        .
Parent=Smp_065370.1;Name=61706ce5-885b-4441-998f-5619dbeb0929
SM_V9_2 iris    exon    14901198        14901384        .       -
        .       Parent=Smp_065370.1;Name=8ddf7696-e55b-4b66-ba90-
da0f5bc76104
SM_V9_2 iris    exon    14921880        14922464        .       -
        .       Parent=Smp_065370.1;Name=eaeac084-15cf-466c-8d27-
cd754ec2f153
SM_V9_2 iris    CDS     14892811        14893011        .       -
        0       Parent=Smp_065370.1
SM_V9_2 iris    CDS     14894631        14894881        .       -
        2       Parent=Smp_065370.1
SM_V9_2 iris    CDS     14901198        14901384        .       -
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        0       Parent=Smp_065370.1
SM_V9_2 iris    CDS     14921880        14922044        .       -
        0       Parent=Smp_065370.1
SM_V9_2 iris    gene    14933259        14977644        .       -
        .
ID=Smp_157410;geneID=Smp_157410;gene_name=Smp_157410;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    14933259        14977644        .       -
        .
ID=Smp_157410.1;Parent=Smp_157410;geneID=Smp_157410;gene_name=Smp_15
7410;owner=irisadmin@local.host;orig_id=Smp_157410.1;date_last_modif
ied=2022-08-01;Name=Smp_157410.1;product=Cytoplasmic dynein 1 heavy
chain 1;date_creation=2022-07-29
SM_V9_2 iris    exon    14933259        14934410        .       -
        .
Parent=Smp_157410.1;Name=ee1207b0-6f0e-4a43-8261-0dd1d400ed8c
SM_V9_2 iris    exon    14935147        14935427        .       -
        .       Parent=Smp_157410.1;Name=4afd8c39-df6f-4733-
bbb4-804af34a2752
SM_V9_2 iris    exon    14936251        14936463        .       -
        .       Parent=Smp_157410.1;Name=954feb2f-28e6-4143-
bee9-08ece80b34cd
SM_V9_2 iris    exon    14937313        14937617        .       -
        .       Parent=Smp_157410.1;Name=4425553e-cc12-4794-b43e-
b204fe1dad47
SM_V9_2 iris    exon    14939180        14939354        .       -
        .       Parent=Smp_157410.1;Name=1657f422-00ef-477a-
afff-32394a2fdfb4
SM_V9_2 iris    exon    14939529        14939903        .       -
        .       Parent=Smp_157410.1;Name=dd61a06b-6745-4da4-a3f5-
abd99b2890ae
SM_V9_2 iris    exon    14940050        14940370        .       -
        .       Parent=Smp_157410.1;Name=6b399e1b-0fa3-46e3-
a5af-43d3c1ceeee7
SM_V9_2 iris    exon    14940576        14940827        .       -
        .       Parent=Smp_157410.1;Name=aa35bfb0-a406-4eb1-
afa1-0d37162cceed
SM_V9_2 iris    exon    14940951        14941280        .       -
        .       Parent=Smp_157410.1;Name=ffb8b63b-6fad-4de8-8dd7-
d6040c5afd71
SM_V9_2 iris    exon    14942132        14942455        .       -
        .       Parent=Smp_157410.1;Name=287a6595-
ff9d-4aa4-9445-10ca3c57000a
SM_V9_2 iris    exon    14943445        14943660        .       -
        .       Parent=Smp_157410.1;Name=649c5730-a264-4bd0-
a57c-1f062a5968cf
SM_V9_2 iris    exon    14943803        14944204        .       -
        .       Parent=Smp_157410.1;Name=0ce33a95-9076-4475-a35a-
bbadc45c77cf
SM_V9_2 iris    exon    14944328        14944567        .       -
        .
Parent=Smp_157410.1;Name=4fdc8386-325f-4c2c-8fa4-234224e5270a
SM_V9_2 iris    exon    14945902        14946183        .       -
        .       Parent=Smp_157410.1;Name=d7927800-0a86-4171-b1b0-
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b498c076172f
SM_V9_2 iris    exon    14947374        14947491        .       -
        .
Parent=Smp_157410.1;Name=5b25e346-6b30-44fd-8c41-18d6f4181e3b
SM_V9_2 iris    exon    14948026        14948221        .       -
        .       Parent=Smp_157410.1;Name=36fd4bb0-
f61e-4667-880c-13c194205e33
SM_V9_2 iris    exon    14949115        14949355        .       -
        .       Parent=Smp_157410.1;Name=a7b8282d-4e0f-4b90-bba9-
fe9c561acd33
SM_V9_2 iris    exon    14950064        14950396        .       -
        .
Parent=Smp_157410.1;Name=b8dc473d-2192-46f8-8317-3bcc450bbb69
SM_V9_2 iris    exon    14950588        14952079        .       -
        .       Parent=Smp_157410.1;Name=cc784fdb-fe2a-42dc-823b-
d334f6783235
SM_V9_2 iris    exon    14952883        14953899        .       -
        .       Parent=Smp_157410.1;Name=20808c59-d668-40bc-955d-
b2b22d25fd2a
SM_V9_2 iris    exon    14957596        14958140        .       -
        .       Parent=Smp_157410.1;Name=7b479cc7-0cbf-4d38-b097-
a4c17ffddc46
SM_V9_2 iris    exon    14958804        14958995        .       -
        .       Parent=Smp_157410.1;Name=aba92e8c-
de3d-485c-97a3-265f5b0f6ee8
SM_V9_2 iris    exon    14959490        14959645        .       -
        .       Parent=Smp_157410.1;Name=1bbce885-dc96-4b2a-9357-
de304cca3913
SM_V9_2 iris    exon    14959755        14959952        .       -
        .       Parent=Smp_157410.1;Name=4b965a0b-4e5d-4b34-9429-
b6f075a2f9d5
SM_V9_2 iris    exon    14960052        14960702        .       -
        .       Parent=Smp_157410.1;Name=9a80f86b-e4cd-4e3a-
b357-78a570e2e4e7
SM_V9_2 iris    exon    14961019        14961051        .       -
        .       Parent=Smp_157410.1;Name=b106cd98-
beb1-477b-87e7-9ccf752d4609
SM_V9_2 iris    exon    14962256        14962547        .       -
        .       Parent=Smp_157410.1;Name=f27cce51-8245-489d-93a6-
d1627f191626
SM_V9_2 iris    exon    14962695        14963035        .       -
        .
Parent=Smp_157410.1;Name=8737cbbf-5e03-4dee-8024-5dff930a1dc2
SM_V9_2 iris    exon    14963288        14963434        .       -
        .       Parent=Smp_157410.1;Name=00be8dd0-84f4-4e5b-
b614-054b42003c04
SM_V9_2 iris    exon    14963479        14963892        .       -
        .       Parent=Smp_157410.1;Name=a501577c-c7f7-4be5-
b482-8204384fc3a8
SM_V9_2 iris    exon    14964988        14965263        .       -
        .       Parent=Smp_157410.1;Name=d13fd9c6-07aa-42eb-
bd58-221b2ed27818
SM_V9_2 iris    exon    14965350        14965610        .       -
        .       Parent=Smp_157410.1;Name=70d852c0-5415-4044-9042-
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c73a8ec40ac2
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        .       Parent=Smp_157410.1;Name=c6bb2fbe-5a2b-4e76-
ac2b-571a46db4dfa
SM_V9_2 iris    exon    14967027        14967239        .       -
        .       Parent=Smp_157410.1;Name=f4517c3a-79b4-4542-8084-
f43abb29288b
SM_V9_2 iris    exon    14968373        14968591        .       -
        .       Parent=Smp_157410.1;Name=e03b5c36-
f73c-43c6-889d-24c7c081b47f
SM_V9_2 iris    exon    14969193        14969359        .       -
        .       Parent=Smp_157410.1;Name=60c3140f-176f-421e-
b6ef-1957ffffa556
SM_V9_2 iris    exon    14970173        14970566        .       -
        .       Parent=Smp_157410.1;Name=fdc5cf49-
ef06-45bd-9b65-3722cba75676
SM_V9_2 iris    exon    14971823        14972082        .       -
        .       Parent=Smp_157410.1;Name=fc0e3afa-c64c-4b5a-81b3-
cf4b2f4b4612
SM_V9_2 iris    exon    14972238        14972590        .       -
        .
Parent=Smp_157410.1;Name=93bbf3b5-39b0-4422-8474-6c071b4a131c
SM_V9_2 iris    exon    14972674        14972985        .       -
        .       Parent=Smp_157410.1;Name=0a9c8bf8-8915-433a-
a809-573572383e49
SM_V9_2 iris    exon    14975216        14975436        .       -
        .       Parent=Smp_157410.1;Name=4af8c3aa-1b5b-49c8-acb2-
b97f1283e4b4
SM_V9_2 iris    exon    14976095        14976315        .       -
        .       Parent=Smp_157410.1;Name=91a56a66-3585-4bb0-
a750-001e00ad87fb
SM_V9_2 iris    exon    14976351        14976537        .       -
        .
Parent=Smp_157410.1;Name=29d05d82-544f-4835-97a1-4eb000cdec26
SM_V9_2 iris    exon    14976578        14976833        .       -
        .       Parent=Smp_157410.1;Name=0c2d917c-
e98d-4f9b-9e28-075bacddfb71
SM_V9_2 iris    exon    14976866        14977039        .       -
        .       Parent=Smp_157410.1;Name=f6a6df21-ee81-4f21-
bbda-9dece0c48a60
SM_V9_2 iris    exon    14977072        14977153        .       -
        .
Parent=Smp_157410.1;Name=7ce381b3-4fda-4e6e-9dac-4b035f522a29
SM_V9_2 iris    exon    14977186        14977644        .       -
        .       Parent=Smp_157410.1;Name=a5c3e172-cb6c-41e7-
baa7-73dc211da2d2
SM_V9_2 iris    CDS     14934233        14934410        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14935147        14935427        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14936251        14936463        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14937313        14937617        .       -
        2       Parent=Smp_157410.1
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SM_V9_2 iris    CDS     14939180        14939354        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14939529        14939903        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14940050        14940370        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14940576        14940827        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14940951        14941280        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14942132        14942455        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14943445        14943660        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14943803        14944204        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14944328        14944567        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14945902        14946183        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14947374        14947491        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14948026        14948221        .       -
        2       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14949115        14949355        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14950064        14950396        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14950588        14952079        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14952883        14953899        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14957596        14958140        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14958804        14958995        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14959490        14959645        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14959755        14959952        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14960052        14960702        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14961019        14961051        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14962256        14962547        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14962695        14963035        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14963288        14963434        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14963479        14963892        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14964988        14965263        .       -
        0       Parent=Smp_157410.1
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SM_V9_2 iris    CDS     14965350        14965610        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14965755        14965967        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14967027        14967239        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14968373        14968591        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14969193        14969359        .       -
        2       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14970173        14970566        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14971823        14972082        .       -
        2       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14972238        14972590        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14972674        14972985        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14975216        14975436        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14976095        14976315        .       -
        2       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14976351        14976537        .       -
        0       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14976578        14976833        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14976866        14977039        .       -
        1       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14977072        14977153        .       -
        2       Parent=Smp_157410.1
SM_V9_2 iris    CDS     14977186        14977426        .       -
        0       Parent=Smp_157410.1
SM_V9_2 Liftoff gene    14984588        14994992        .       +
        .       ID=Smp_157400;geneID=Smp_157400
SM_V9_2 Liftoff mRNA    14984588        14994992        .       +
        .
ID=Smp_157400.1;Parent=Smp_157400;geneID=Smp_157400;product=Myosin-2
SM_V9_2 Liftoff exon    14984588        14985303        .       +
        .       Parent=Smp_157400.1
SM_V9_2 Liftoff exon    14985342        14985580        .       +
        .       Parent=Smp_157400.1
SM_V9_2 Liftoff exon    14985616        14985858        .       +
        .       Parent=Smp_157400.1
SM_V9_2 Liftoff exon    14988018        14988308        .       +
        .       Parent=Smp_157400.1
SM_V9_2 Liftoff exon    14989412        14989549        .       +
        .       Parent=Smp_157400.1
SM_V9_2 Liftoff exon    14991540        14991689        .       +
        .       Parent=Smp_157400.1
SM_V9_2 Liftoff exon    14994739        14994992        .       +
        .       Parent=Smp_157400.1
SM_V9_2 Liftoff CDS     14985234        14985303        .       +
        0       Parent=Smp_157400.1
SM_V9_2 Liftoff CDS     14985342        14985580        .       +
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        2       Parent=Smp_157400.1
SM_V9_2 Liftoff CDS     14985616        14985858        .       +
        0       Parent=Smp_157400.1
SM_V9_2 Liftoff CDS     14988018        14988308        .       +
        0       Parent=Smp_157400.1
SM_V9_2 Liftoff CDS     14989412        14989549        .       +
        0       Parent=Smp_157400.1
SM_V9_2 Liftoff CDS     14991540        14991689        .       +
        0       Parent=Smp_157400.1
SM_V9_2 Liftoff CDS     14994739        14994831        .       +
        0       Parent=Smp_157400.1
SM_V9_2 Liftoff gene    14999201        15042504        .       -
        .       ID=Smp_157390;geneID=Smp_157390
SM_V9_2 Liftoff mRNA    14999201        15042504        .       -
        .
ID=Smp_157390.1;Parent=Smp_157390;geneID=Smp_157390;product=Lipoma
HMGIC fusion partner-like 2
protein;polypeptide_domain=InterPro:IPR019372 Pfam:PF10242
SM_V9_2 Liftoff exon    14999201        14999596        .       -
        .       Parent=Smp_157390.1
SM_V9_2 Liftoff exon    15000825        15000938        .       -
        .       Parent=Smp_157390.1
SM_V9_2 Liftoff exon    15039685        15042504        .       -
        .       Parent=Smp_157390.1
SM_V9_2 Liftoff CDS     14999451        14999596        .       -
        2       Parent=Smp_157390.1
SM_V9_2 Liftoff CDS     15000825        15000938        .       -
        2       Parent=Smp_157390.1
SM_V9_2 Liftoff CDS     15039685        15040249        .       -
        0       Parent=Smp_157390.1
SM_V9_2 Liftoff gene    15082333        15094904        .       -
        .
ID=Smp_310750;geneID=Smp_310750;previous_systematic_id=Smp_157380
SM_V9_2 Liftoff mRNA    15082333        15094904        .       -
        .
ID=Smp_310750.1;Parent=Smp_310750;geneID=Smp_310750;product=tRNA
uridine 5-carboxymethylaminomethyl modification enzyme
MnmG;polypeptide_domain=InterPro:IPR001101;Ontology_term=GO:0005856
SM_V9_2 Liftoff exon    15082333        15084240        .       -
        .       Parent=Smp_310750.1
SM_V9_2 Liftoff exon    15090675        15094904        .       -
        .       Parent=Smp_310750.1
SM_V9_2 Liftoff CDS     15082962        15084240        .       -
        1       Parent=Smp_310750.1
SM_V9_2 Liftoff CDS     15090675        15093328        .       -
        0       Parent=Smp_310750.1
SM_V9_2 iris    gene    15122636        15165647        .       -
        .
ID=Smp_310760;geneID=Smp_310760;gene_name=Smp_310760;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15122636        15165647        .       -
        .
ID=Smp_310760.1;Parent=Smp_310760;geneID=Smp_310760;gene_name=Smp_31
0760;owner=irisadmin@local.host;orig_id=Smp_310760.1;date_last_modif
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ied=2022-08-01;Name=Smp_310760.1;product=Microtubule-actin cross-
linking factor 1;date_creation=2022-07-29
SM_V9_2 iris    exon    15122636        15124288        .       -
        .       Parent=Smp_310760.1;Name=2a6fbc75-6d83-40cc-ba40-
b9d0836f76bc
SM_V9_2 iris    exon    15124942        15125063        .       -
        .       Parent=Smp_310760.1;Name=7c2f56a1-97d6-48f3-b7c5-
f7b0e27c680a
SM_V9_2 iris    exon    15129632        15129711        .       -
        .       Parent=Smp_310760.1;Name=ffec18e6-d2a4-47a6-b1bd-
f2e658516ecc
SM_V9_2 iris    exon    15130854        15131010        .       -
        .       Parent=Smp_310760.1;Name=5ef009c8-5512-42a8-9418-
b2e7afd07e13
SM_V9_2 iris    exon    15132201        15132306        .       -
        .
Parent=Smp_310760.1;Name=947dd8b8-1f56-4b3b-92f4-00eb2f0f8b93
SM_V9_2 iris    exon    15134954        15135582        .       -
        .       Parent=Smp_310760.1;Name=09c9df4f-53ca-411c-93c1-
bf3009d64c3c
SM_V9_2 iris    exon    15138527        15138664        .       -
        .       Parent=Smp_310760.1;Name=3021eeb7-
c93d-4a16-931c-80f7a1633e5c
SM_V9_2 iris    exon    15140310        15140405        .       -
        .       Parent=Smp_310760.1;Name=797b40e2-7ccf-4d37-9911-
f99f13ec9279
SM_V9_2 iris    exon    15145968        15146042        .       -
        .       Parent=Smp_310760.1;Name=1d47bd48-0137-46f4-81a9-
f121c9a6228f
SM_V9_2 iris    exon    15146098        15146169        .       -
        .
Parent=Smp_310760.1;Name=61ab7cc6-3491-4f39-915b-28632db1bc1b
SM_V9_2 iris    exon    15146222        15146257        .       -
        .
Parent=Smp_310760.1;Name=2e8b6cc1-797f-4089-9282-686154a4dcbb
SM_V9_2 iris    exon    15146312        15146428        .       -
        .       Parent=Smp_310760.1;Name=1198766a-51fc-43b5-
a1b8-9106fafb7bc3
SM_V9_2 iris    exon    15164688        15165647        .       -
        .       Parent=Smp_310760.1;Name=918d9a32-12d4-4352-993b-
b293cb78de3d
SM_V9_2 iris    CDS     15124282        15124288        .       -
        1       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15124942        15125063        .       -
        0       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15129632        15129711        .       -
        2       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15130854        15131010        .       -
        0       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15132201        15132306        .       -
        1       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15134954        15135582        .       -
        0       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15138527        15138664        .       -
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        0       Parent=Smp_310760.1
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SM_V9_2 iris    CDS     15145968        15146042        .       -
        0       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15146098        15146169        .       -
        0       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15146222        15146257        .       -
        0       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15146312        15146428        .       -
        0       Parent=Smp_310760.1
SM_V9_2 iris    CDS     15164688        15164747        .       -
        0       Parent=Smp_310760.1
SM_V9_2 Liftoff gene    15296247        15340288        .       -
        .       ID=Smp_065290;geneID=Smp_065290
SM_V9_2 Liftoff mRNA    15296247        15340288        .       -
        .
ID=Smp_065290.1;Parent=Smp_065290;geneID=Smp_065290;product=Calcium/
calmodulin-dependent protein kinase type
1;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    15296247        15297973        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15299149        15299318        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15301684        15301796        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15304010        15304097        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15317621        15317747        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15335730        15335868        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15339841        15339915        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15339952        15340050        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15340053        15340124        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff exon    15340168        15340288        .       -
        .       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15297644        15297973        .       -
        0       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15299149        15299318        .       -
        2       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15301684        15301796        .       -
        1       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15304010        15304097        .       -
        2       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15317621        15317747        .       -
        0       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15335730        15335868        .       -
        1       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15339841        15339915        .       -
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        1       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15339952        15340050        .       -
        1       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15340053        15340124        .       -
        1       Parent=Smp_065290.1
SM_V9_2 Liftoff CDS     15340168        15340220        .       -
        0       Parent=Smp_065290.1
SM_V9_2 iris    gene    15354182        15354684        .       +
        .
ID=Smp_332010;geneID=Smp_332010;gene_name=Smp_332010;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15354182        15354684        .       +
        .
ID=Smp_332010.1;Parent=Smp_332010;geneID=Smp_332010;gene_name=Smp_33
2010;owner=irisadmin@local.host;orig_id=Smp_332010.1;date_last_modif
ied=2022-08-01;Name=Smp_332010.1;product=Succinate--CoA ligase [ADP-
forming] subunit beta;date_creation=2022-07-29
SM_V9_2 iris    exon    15354182        15354269        .       +
        .       Parent=Smp_332010.1;Name=e24ccdf5-dcb6-40b2-8ad1-
a321497b72f4
SM_V9_2 iris    exon    15354307        15354482        .       +
        .       Parent=Smp_332010.1;Name=f8194e76-45c5-4294-8e1a-
ea1ed8136a35
SM_V9_2 iris    exon    15354514        15354684        .       +
        .       Parent=Smp_332010.1;Name=8beb6969-5bf6-4439-
bc7c-78baff8ff00f
SM_V9_2 iris    CDS     15354227        15354269        .       +
        0       Parent=Smp_332010.1
SM_V9_2 iris    CDS     15354307        15354482        .       +
        2       Parent=Smp_332010.1
SM_V9_2 iris    CDS     15354514        15354630        .       +
        0       Parent=Smp_332010.1
SM_V9_2 Liftoff gene    15365892        15367407        .       -
        .
ID=Smp_310770;geneID=Smp_310770;previous_systematic_id=Smp_157370
SM_V9_2 Liftoff mRNA    15365892        15367407        .       -
        .
ID=Smp_310770.1;Parent=Smp_310770;geneID=Smp_310770;product=Putative
ribosomal protein S6 kinase
alpha-1;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IP
R017441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    15365892        15367407        .       -
        .       Parent=Smp_310770.1
SM_V9_2 Liftoff CDS     15366069        15367376        .       -
        0       Parent=Smp_310770.1
SM_V9_2 iris    gene    15378427        15379857        .       -
        .
ID=Smp_332290;geneID=Smp_332290;gene_name=Smp_332290;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15378427        15379857        .       -
        .
ID=Smp_332290.1;Parent=Smp_332290;geneID=Smp_332290;gene_name=Smp_33
2290;owner=irisadmin@local.host;orig_id=Smp_332290.1;date_last_modif
ied=2022-08-01;Name=Smp_332290.1;product=Putative ribosomal protein
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S6 kinase alpha-1;date_creation=2022-07-29
SM_V9_2 iris    exon    15378427        15379857        .       -
        .       Parent=Smp_332290.1;Name=Smp_332290.1-CDS
SM_V9_2 iris    CDS     15378519        15379826        .       -
        0       Parent=Smp_332290.1
SM_V9_2 Liftoff gene    15401102        15409906        .       +
        .       ID=Smp_065240;geneID=Smp_065240
SM_V9_2 Liftoff mRNA    15401102        15409906        .       +
        .
ID=Smp_065240.1;Parent=Smp_065240;geneID=Smp_065240;product=Protein
O-fucosyltransferase A;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR019378 Pfam:PF10250
SM_V9_2 Liftoff exon    15401102        15401563        .       +
        .       Parent=Smp_065240.1
SM_V9_2 Liftoff exon    15405350        15405455        .       +
        .       Parent=Smp_065240.1
SM_V9_2 Liftoff exon    15405492        15405755        .       +
        .       Parent=Smp_065240.1
SM_V9_2 Liftoff exon    15405788        15405950        .       +
        .       Parent=Smp_065240.1
SM_V9_2 Liftoff exon    15405993        15406185        .       +
        .       Parent=Smp_065240.1
SM_V9_2 Liftoff exon    15406859        15407101        .       +
        .       Parent=Smp_065240.1
SM_V9_2 Liftoff exon    15409496        15409906        .       +
        .       Parent=Smp_065240.1
SM_V9_2 Liftoff CDS     15401498        15401563        .       +
        0       Parent=Smp_065240.1
SM_V9_2 Liftoff CDS     15405350        15405455        .       +
        0       Parent=Smp_065240.1
SM_V9_2 Liftoff CDS     15405492        15405755        .       +
        2       Parent=Smp_065240.1
SM_V9_2 Liftoff CDS     15405788        15405950        .       +
        2       Parent=Smp_065240.1
SM_V9_2 Liftoff CDS     15405993        15406185        .       +
        1       Parent=Smp_065240.1
SM_V9_2 Liftoff CDS     15406859        15407101        .       +
        0       Parent=Smp_065240.1
SM_V9_2 Liftoff CDS     15409496        15409744        .       +
        0       Parent=Smp_065240.1
SM_V9_2 iris    gene    15417137        15435921        .       +
        .
ID=Smp_157360;geneID=Smp_157360;gene_name=Smp_157360;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15417137        15435921        .       +
        .
ID=Smp_157360.1;Parent=Smp_157360;geneID=Smp_157360;gene_name=Smp_15
7360;owner=irisadmin@local.host;orig_id=Smp_157360.1;date_last_modif
ied=2022-08-01;Name=Smp_157360.1;product=E3 ubiquitin-protein ligase
synoviolin;date_creation=2022-07-29
SM_V9_2 iris    exon    15417137        15417313        .       +
        .       Parent=Smp_157360.1;Name=45273aa1-ab23-479b-
b161-61ec57f455ac
SM_V9_2 iris    exon    15417348        15417440        .       +
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        .       Parent=Smp_157360.1;Name=a94f2f83-c9b5-419d-b8eb-
b774d94ad860
SM_V9_2 iris    exon    15417476        15417628        .       +
        .
Parent=Smp_157360.1;Name=744ef3ce-366c-4cc4-852a-1a8e9d049389
SM_V9_2 iris    exon    15417663        15417711        .       +
        .       Parent=Smp_157360.1;Name=547d78f9-a131-4705-
be91-2029a466be98
SM_V9_2 iris    exon    15417744        15417847        .       +
        .       Parent=Smp_157360.1;Name=904e0f5d-f9d0-4a57-a1f1-
ea3513ebcf6b
SM_V9_2 iris    exon    15422168        15422416        .       +
        .       Parent=Smp_157360.1;Name=6d046cd6-e574-46ca-9b8b-
e1b933605ed0
SM_V9_2 iris    exon    15427365        15427781        .       +
        .       Parent=Smp_157360.1;Name=e0bf3bf1-5f4a-45ae-
be85-6e162c6462fe
SM_V9_2 iris    exon    15429359        15429500        .       +
        .       Parent=Smp_157360.1;Name=5fecae0a-ea22-4ecf-
bd3c-19103e05b599
SM_V9_2 iris    exon    15430442        15430733        .       +
        .       Parent=Smp_157360.1;Name=5fbc864c-2c67-41af-
bab8-043f12e1e810
SM_V9_2 iris    exon    15434199        15434233        .       +
        .       Parent=Smp_157360.1;Name=73546830-2db8-48ce-
b0db-9e7cc80489aa
SM_V9_2 iris    exon    15435533        15435921        .       +
        .       Parent=Smp_157360.1;Name=40825de9-b87c-4cd9-b529-
efa68d97ceea
SM_V9_2 iris    CDS     15417185        15417313        .       +
        0       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15417348        15417440        .       +
        0       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15417476        15417628        .       +
        0       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15417663        15417711        .       +
        0       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15417744        15417847        .       +
        2       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15422168        15422416        .       +
        0       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15427365        15427781        .       +
        0       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15429359        15429500        .       +
        0       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15430442        15430733        .       +
        2       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15434199        15434233        .       +
        1       Parent=Smp_157360.1
SM_V9_2 iris    CDS     15435533        15435642        .       +
        2       Parent=Smp_157360.1
SM_V9_2 iris    gene    15446125        15498663        .       +
        .
ID=Smp_157350;geneID=Smp_157350;gene_name=Smp_157350;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15446125        15498663        .       +
       .
ID=Smp_157350.1;Parent=Smp_157350;geneID=Smp_157350;gene_name=Smp_15
7350;owner=irisadmin@local.host;orig_id=Smp_157350.1;date_last_modif
ied=2022-08-01;Name=Smp_157350.1;product=Serine/threonine-protein
kinase unc-51;date_creation=2022-07-29
SM_V9_2 iris    exon    15446125        15446439        .       +
       .       Parent=Smp_157350.1;Name=9ad13fbc-67f1-4d34-
ae8f-2cfdc9c95eed
SM_V9_2 iris    exon    15446478        15446573        .       +
       .
Parent=Smp_157350.1;Name=8be45b4b-2549-476c-8bbc-8f0ebf951f92
SM_V9_2 iris    exon    15446611        15446652        .       +
       .       Parent=Smp_157350.1;Name=ec63d47e-e23c-4dc4-
b872-9002b745cd2d
SM_V9_2 iris    exon    15446690        15446759        .       +
       .       Parent=Smp_157350.1;Name=315de77e-cc6e-404a-8235-
cda64ff1e549
SM_V9_2 iris    exon    15446791        15446979        .       +
       .       Parent=Smp_157350.1;Name=85976187-4ed8-43c7-9c68-
f28064adc30a
SM_V9_2 iris    exon    15450457        15450530        .       +
       .
Parent=Smp_157350.1;Name=fda83cc5-237f-4493-92ba-35bebda5a205
SM_V9_2 iris    exon    15451010        15451170        .       +
       .       Parent=Smp_157350.1;Name=3283fc70-0be7-410f-b662-
a4148da302d1
SM_V9_2 iris    exon    15455438        15455520        .       +
       .       Parent=Smp_157350.1;Name=c6f7db01-
b681-45c7-8eca-360d9d67842a
SM_V9_2 iris    exon    15456930        15456980        .       +
       .       Parent=Smp_157350.1;Name=891ba93a-f716-4c71-a2ac-
f9f9e15be80e
SM_V9_2 iris    exon    15470324        15470505        .       +
       .       Parent=Smp_157350.1;Name=98fc76fd-54c9-4d3a-
ba86-4ee9d82a828e
SM_V9_2 iris    exon    15475973        15476591        .       +
       .       Parent=Smp_157350.1;Name=11e5255d-3a35-4971-b574-
c3b639cc02ac
SM_V9_2 iris    exon    15477715        15477769        .       +
       .       Parent=Smp_157350.1;Name=fe5f3212-a1ba-4337-
bda7-42ce40ed6f35
SM_V9_2 iris    exon    15478083        15478338        .       +
       .       Parent=Smp_157350.1;Name=8e0695ec-a359-495e-a2a3-
f07d7b171b56
SM_V9_2 iris    exon    15479580        15479670        .       +
       .       Parent=Smp_157350.1;Name=c0e6bad0-b256-4956-
a2e1-8242ad580fd0
SM_V9_2 iris    exon    15482548        15482781        .       +
       .       Parent=Smp_157350.1;Name=41e1947a-ae00-45c0-8ff0-
ea55555711d5
SM_V9_2 iris    exon    15486319        15486401        .       +
       .       Parent=Smp_157350.1;Name=492bc854-
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b728-4902-8634-657fe2937500
SM_V9_2 iris    exon    15487464        15487816        .       +
        .       Parent=Smp_157350.1;Name=b59b8833-64a5-47f3-b7a2-
ea2198305931
SM_V9_2 iris    exon    15490821        15490939        .       +
        .       Parent=Smp_157350.1;Name=b8ab1703-3c83-4e32-
bba9-442ce1077900
SM_V9_2 iris    exon    15492944        15493098        .       +
        .       Parent=Smp_157350.1;Name=991250e8-6502-4305-
a041-642c302da1a5
SM_V9_2 iris    exon    15494676        15494720        .       +
        .
Parent=Smp_157350.1;Name=88b34cac-015b-4146-9e8f-3f6fcfc1783f
SM_V9_2 iris    exon    15496967        15498663        .       +
        .       Parent=Smp_157350.1;Name=7de33346-84e2-41ce-9984-
bfaf3592f4d4
SM_V9_2 iris    CDS     15446350        15446439        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15446478        15446573        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15446611        15446652        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15446690        15446759        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15446791        15446979        .       +
        2       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15450457        15450530        .       +
        2       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15451010        15451170        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15455438        15455520        .       +
        1       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15456930        15456980        .       +
        2       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15470324        15470505        .       +
        2       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15475973        15476591        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15477715        15477769        .       +
        2       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15478083        15478338        .       +
        1       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15479580        15479670        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15482548        15482781        .       +
        2       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15486319        15486401        .       +
        2       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15487464        15487816        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15490821        15490939        .       +
        1       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15492944        15493098        .       +
        2       Parent=Smp_157350.1
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SM_V9_2 iris    CDS     15494676        15494720        .       +
        0       Parent=Smp_157350.1
SM_V9_2 iris    CDS     15496967        15497338        .       +
        0       Parent=Smp_157350.1
SM_V9_2 Liftoff gene    15508672        15535307        .       +
        .       ID=Smp_065210;geneID=Smp_065210
SM_V9_2 Liftoff mRNA    15508672        15535307        .       +
        .
ID=Smp_065210.1;Parent=Smp_065210;geneID=Smp_065210;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    15508672        15509005        .       +
        .       Parent=Smp_065210.1
SM_V9_2 Liftoff exon    15512273        15512409        .       +
        .       Parent=Smp_065210.1
SM_V9_2 Liftoff exon    15519505        15519645        .       +
        .       Parent=Smp_065210.1
SM_V9_2 Liftoff exon    15527877        15527960        .       +
        .       Parent=Smp_065210.1
SM_V9_2 Liftoff exon    15531012        15531214        .       +
        .       Parent=Smp_065210.1
SM_V9_2 Liftoff exon    15533619        15533697        .       +
        .       Parent=Smp_065210.1
SM_V9_2 Liftoff exon    15535081        15535307        .       +
        .       Parent=Smp_065210.1
SM_V9_2 Liftoff CDS     15508858        15509005        .       +
        0       Parent=Smp_065210.1
SM_V9_2 Liftoff CDS     15512273        15512409        .       +
        2       Parent=Smp_065210.1
SM_V9_2 Liftoff CDS     15519505        15519645        .       +
        0       Parent=Smp_065210.1
SM_V9_2 Liftoff CDS     15527877        15527960        .       +
        0       Parent=Smp_065210.1
SM_V9_2 Liftoff CDS     15531012        15531214        .       +
        0       Parent=Smp_065210.1
SM_V9_2 Liftoff CDS     15533619        15533697        .       +
        1       Parent=Smp_065210.1
SM_V9_2 Liftoff CDS     15535081        15535179        .       +
        0       Parent=Smp_065210.1
SM_V9_2 Liftoff gene    15537076        15564771        .       -
        .       ID=Smp_157340;geneID=Smp_157340
SM_V9_2 Liftoff mRNA    15537076        15564771        .       -
        .
ID=Smp_157340.1;Parent=Smp_157340;geneID=Smp_157340;product=Ras
association domain-containing protein
1;polypeptide_domain=InterPro:IPR000159,IPR002219,IPR011524,IPR02907
1 Pfam:PF00788,PF16517;Ontology_term=GO:0007165,GO:0035556
SM_V9_2 Liftoff exon    15537076        15538596        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff exon    15546134        15546491        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff exon    15549145        15549284        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff exon    15552675        15552784        .       -
        .       Parent=Smp_157340.1
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SM_V9_2 Liftoff exon    15553660        15554099        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff exon    15555247        15555869        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff exon    15557564        15557822        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff exon    15560657        15560793        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff exon    15562859        15564771        .       -
        .       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15538178        15538596        .       -
        2       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15546134        15546491        .       -
        0       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15549145        15549284        .       -
        2       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15552675        15552784        .       -
        1       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15553660        15554099        .       -
        0       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15555247        15555869        .       -
        2       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15557564        15557822        .       -
        0       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15560657        15560793        .       -
        2       Parent=Smp_157340.1
SM_V9_2 Liftoff CDS     15562859        15563327        .       -
        0       Parent=Smp_157340.1
SM_V9_2 iris    gene    15572372        15582441        .       +
        .
ID=Smp_065190;geneID=Smp_065190;gene_name=Smp_065190;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15572372        15582441        .       +
        .
ID=Smp_065190.1;Parent=Smp_065190;geneID=Smp_065190;gene_name=Smp_06
5190;owner=irisadmin@local.host;orig_id=Smp_065190.1;date_last_modif
ied=2022-08-01;Name=Smp_065190.1;product=Thioredoxin-related
transmembrane protein 1;date_creation=2022-07-29
SM_V9_2 iris    exon    15572372        15572621        .       +
        .       Parent=Smp_065190.1;Name=002f13ec-9823-4781-9445-
a863bfd76bc6
SM_V9_2 iris    exon    15576401        15576559        .       +
        .       Parent=Smp_065190.1;Name=13f53039-e0f8-4b04-
bfb8-0e5afc241f5d
SM_V9_2 iris    exon    15579212        15579340        .       +
        .       Parent=Smp_065190.1;Name=4e0ab5ca-a31e-4841-85ab-
ae34f0a54761
SM_V9_2 iris    exon    15579387        15579432        .       +
        .       Parent=Smp_065190.1;Name=26382f61-bcef-479c-
b443-3b103c5648b8
SM_V9_2 iris    exon    15579484        15579582        .       +
        .       Parent=Smp_065190.1;Name=ab99eb66-1593-48e1-84c9-
ce19ad54b333
SM_V9_2 iris    exon    15579631        15579717        .       +
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        .       Parent=Smp_065190.1;Name=eff69600-aeaa-4ad8-aeff-
ada18eaf9d33
SM_V9_2 iris    exon    15581242        15582441        .       +
        .       Parent=Smp_065190.1;Name=cf671e03-fae9-402f-
b9d5-15dfb586a79f
SM_V9_2 iris    CDS     15572500        15572621        .       +
        0       Parent=Smp_065190.1
SM_V9_2 iris    CDS     15576401        15576559        .       +
        1       Parent=Smp_065190.1
SM_V9_2 iris    CDS     15579212        15579340        .       +
        1       Parent=Smp_065190.1
SM_V9_2 iris    CDS     15579387        15579432        .       +
        1       Parent=Smp_065190.1
SM_V9_2 iris    CDS     15579484        15579582        .       +
        0       Parent=Smp_065190.1
SM_V9_2 iris    CDS     15579631        15579717        .       +
        0       Parent=Smp_065190.1
SM_V9_2 iris    CDS     15581242        15581370        .       +
        0       Parent=Smp_065190.1
SM_V9_2 iris    gene    15587051        15610475        .       -
        .
ID=Smp_065180;geneID=Smp_065180;gene_name=Smp_065180;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15587051        15610475        .       -
        .
ID=Smp_065180.1;Parent=Smp_065180;geneID=Smp_065180;gene_name=Smp_06
5180;owner=irisadmin@local.host;orig_id=Smp_065180.1;date_last_modif
ied=2022-08-01;Name=Smp_065180.1;product=EH domain-containing
protein 1;date_creation=2022-07-29
SM_V9_2 iris    exon    15587051        15588926        .       -
        .
Parent=Smp_065180.1;Name=2dfed21b-6fa0-4ee8-96d7-1e3d615d0f46
SM_V9_2 iris    exon    15592187        15592345        .       -
        .       Parent=Smp_065180.1;Name=915e07fa-4313-4392-
ad07-685ddcb5c1c1
SM_V9_2 iris    exon    15602067        15602348        .       -
        .       Parent=Smp_065180.1;Name=84f349ec-9483-4d21-
bd02-4d7808864258
SM_V9_2 iris    exon    15602899        15603189        .       -
        .
Parent=Smp_065180.1;Name=201fd91f-8614-4a43-8e11-4963d9e3959a
SM_V9_2 iris    exon    15609832        15610475        .       -
        .
Parent=Smp_065180.1;Name=f370619c-2455-4573-941d-4df1d0d8f8f4
SM_V9_2 iris    CDS     15588642        15588926        .       -
        0       Parent=Smp_065180.1
SM_V9_2 iris    CDS     15592187        15592345        .       -
        0       Parent=Smp_065180.1
SM_V9_2 iris    CDS     15602067        15602348        .       -
        0       Parent=Smp_065180.1
SM_V9_2 iris    CDS     15602899        15603189        .       -
        0       Parent=Smp_065180.1
SM_V9_2 iris    CDS     15609832        15610449        .       -
        0       Parent=Smp_065180.1
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SM_V9_2 Liftoff gene    15631929        15633797        .       +
        .       ID=Smp_065170;geneID=Smp_065170
SM_V9_2 Liftoff mRNA    15631929        15633797        .       +
        .
ID=Smp_065170.1;Parent=Smp_065170;geneID=Smp_065170;product=Peptide
deformylase 1
SM_V9_2 Liftoff exon    15631929        15633797        .       +
        .       Parent=Smp_065170.1
SM_V9_2 Liftoff CDS     15633120        15633668        .       +
        0       Parent=Smp_065170.1
SM_V9_2 iris    gene    15635510        15659175        .       -
        .
ID=Smp_344850;geneID=Smp_344850;gene_name=Smp_344850;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15635510        15659175        .       -
        .
ID=Smp_344850.1;Parent=Smp_344850;geneID=Smp_344850;gene_name=Smp_34
4850;owner=irisadmin@local.host;orig_id=Smp_344850.1;date_last_modif
ied=2022-08-01;Name=Smp_344850.1;product=Nucleoprotein TPR
(Fragment);date_creation=2022-07-29
SM_V9_2 iris    exon    15635510        15635667        .       -
        .       Parent=Smp_344850.1;Name=373326c6-
b404-400d-912a-4f69063f3af5
SM_V9_2 iris    exon    15638109        15638207        .       -
        .
Parent=Smp_344850.1;Name=055a6187-10ad-45ed-9d49-5b2079f9a78a
SM_V9_2 iris    exon    15640002        15640135        .       -
        .
Parent=Smp_344850.1;Name=216bf5ac-8647-492e-8c5c-09e7eb5b84ea
SM_V9_2 iris    exon    15642376        15642483        .       -
        .       Parent=Smp_344850.1;Name=cae123fd-4c54-4ee8-
b745-59c7c1785615
SM_V9_2 iris    exon    15643792        15643899        .       -
        .       Parent=Smp_344850.1;Name=72b13ebc-
cc5c-4900-97e6-62a2c406293d
SM_V9_2 iris    exon    15646083        15646200        .       -
        .       Parent=Smp_344850.1;Name=54da18ad-590a-4d21-be61-
c35e6dbae827
SM_V9_2 iris    exon    15647147        15647243        .       -
        .       Parent=Smp_344850.1;Name=b6311b71-46e3-48cf-
b266-43c2af2a7918
SM_V9_2 iris    exon    15648066        15648146        .       -
        .       Parent=Smp_344850.1;Name=3a867cc5-f88f-4663-
bb47-9c3c287246cb
SM_V9_2 iris    exon    15649409        15649527        .       -
        .       Parent=Smp_344850.1;Name=cfae8ecc-0e2f-4ea0-
b49a-5e94b791ee23
SM_V9_2 iris    exon    15652401        15652487        .       -
        .       Parent=Smp_344850.1;Name=17db2af3-fbd2-4665-
bd81-833ad1bd3fe7
SM_V9_2 iris    exon    15656877        15656945        .       -
        .       Parent=Smp_344850.1;Name=7f3b8bd8-435c-4686-b3a8-
b6cd6ac6af33
SM_V9_2 iris    exon    15658535        15659175        .       -
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        .
Parent=Smp_344850.1;Name=f74231b5-0228-408b-94a4-9bb9a571a080
SM_V9_2 iris    CDS     15635558        15635667        .       -
        2       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15638109        15638207        .       -
        2       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15640002        15640135        .       -
        1       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15642376        15642483        .       -
        1       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15643792        15643899        .       -
        1       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15646083        15646200        .       -
        2       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15647147        15647243        .       -
        0       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15648066        15648146        .       -
        0       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15649409        15649527        .       -
        2       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15652401        15652487        .       -
        2       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15656877        15656945        .       -
        2       Parent=Smp_344850.1
SM_V9_2 iris    CDS     15658535        15658922        .       -
        0       Parent=Smp_344850.1
SM_V9_2 iris    gene    15665719        15667523        .       +
        .
ID=Smp_327970;geneID=Smp_327970;gene_name=Smp_327970;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15665719        15667523        .       +
        .
ID=Smp_327970.1;Parent=Smp_327970;geneID=Smp_327970;gene_name=Smp_32
7970;owner=irisadmin@local.host;orig_id=Smp_327970.1;date_last_modif
ied=2022-08-01;Name=Smp_327970.1;product=Leucine-rich repeat-
containing protein 51;date_creation=2022-07-29
SM_V9_2 iris    exon    15665719        15665754        .       +
        .       Parent=Smp_327970.1;Name=76a664e1-1f00-48a9-
b0fb-3825e49a0121
SM_V9_2 iris    exon    15665789        15665871        .       +
        .       Parent=Smp_327970.1;Name=a6896201-ec3f-4235-
b0aa-8dd827825484
SM_V9_2 iris    exon    15665910        15666124        .       +
        .       Parent=Smp_327970.1;Name=f1c6d69e-bd4e-4277-
bc27-3473853819c8
SM_V9_2 iris    exon    15666164        15666304        .       +
        .       Parent=Smp_327970.1;Name=81785fc3-4f39-49ea-87e9-
c349addf94ba
SM_V9_2 iris    exon    15667022        15667523        .       +
        .       Parent=Smp_327970.1;Name=6b5173df-8a4a-4077-
b8eb-2faa150acea2
SM_V9_2 iris    CDS     15665744        15665754        .       +
        0       Parent=Smp_327970.1
SM_V9_2 iris    CDS     15665789        15665871        .       +
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        1       Parent=Smp_327970.1
SM_V9_2 iris    CDS     15665910        15666124        .       +
        2       Parent=Smp_327970.1
SM_V9_2 iris    CDS     15666164        15666304        .       +
        0       Parent=Smp_327970.1
SM_V9_2 iris    CDS     15667022        15667144        .       +
        0       Parent=Smp_327970.1
SM_V9_2 iris    gene    15669310        15677725        .       -
        .
ID=Smp_065160;geneID=Smp_065160;gene_name=Smp_065160;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15669310        15677725        .       -
        .
ID=Smp_065160.1;Parent=Smp_065160;geneID=Smp_065160;gene_name=Smp_06
5160;owner=irisadmin@local.host;orig_id=Smp_065160.2;date_last_modif
ied=2022-08-01;Name=Smp_065160.1;product=Tafazzin;date_creation=2022
-07-29
SM_V9_2 iris    exon    15669310        15669954        .       -
        .       Parent=Smp_065160.1;Name=e93762a3-69fe-4658-8de9-
abfa0c9f4796
SM_V9_2 iris    exon    15671914        15672003        .       -
        .       Parent=Smp_065160.1;Name=abdb8232-616f-4926-
ab2f-7b13dbef04a6
SM_V9_2 iris    exon    15673146        15673366        .       -
        .       Parent=Smp_065160.1;Name=fc2208eb-d78b-4243-a145-
c3f90166183e
SM_V9_2 iris    exon    15673409        15673778        .       -
        .       Parent=Smp_065160.1;Name=3afeb6ef-e311-4768-
bfe0-50b9b2433a97
SM_V9_2 iris    exon    15677653        15677725        .       -
        .       Parent=Smp_065160.1;Name=1b42f870-07b9-4b3f-a909-
cd8bf174d5bf
SM_V9_2 iris    CDS     15669667        15669954        .       -
        0       Parent=Smp_065160.1
SM_V9_2 iris    CDS     15671914        15672003        .       -
        0       Parent=Smp_065160.1
SM_V9_2 iris    CDS     15673146        15673366        .       -
        2       Parent=Smp_065160.1
SM_V9_2 iris    CDS     15673409        15673679        .       -
        0       Parent=Smp_065160.1
SM_V9_2 Liftoff gene    15695029        15700120        .       +
        .       ID=Smp_065150;geneID=Smp_065150
SM_V9_2 Liftoff mRNA    15695029        15700120        .       +
        .
ID=Smp_065150.1;Parent=Smp_065150;geneID=Smp_065150;product=N-
acetyltransferase
ESCO2;polypeptide_domain=InterPro:IPR016181,IPR028005,IPR028009
Pfam:PF13878,PF13880
SM_V9_2 Liftoff exon    15695029        15696971        .       +
        .       Parent=Smp_065150.1
SM_V9_2 Liftoff exon    15699408        15700120        .       +
        .       Parent=Smp_065150.1
SM_V9_2 Liftoff CDS     15696801        15696971        .       +
        0       Parent=Smp_065150.1
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SM_V9_2 Liftoff CDS     15699408        15700040        .       +
        0       Parent=Smp_065150.1
SM_V9_2 Liftoff gene    15703022        15717735        .       -
        .       ID=Smp_157320;geneID=Smp_157320
SM_V9_2 Liftoff mRNA    15703022        15717735        .       -
        .
ID=Smp_157320.1;Parent=Smp_157320;geneID=Smp_157320;product=Breast
cancer metastasis-suppressor 1-like
protein;polypeptide_domain=InterPro:IPR013907 Pfam:PF08598
SM_V9_2 Liftoff exon    15703022        15703239        .       -
        .       Parent=Smp_157320.1
SM_V9_2 Liftoff exon    15705208        15705383        .       -
        .       Parent=Smp_157320.1
SM_V9_2 Liftoff exon    15707083        15707272        .       -
        .       Parent=Smp_157320.1
SM_V9_2 Liftoff exon    15708909        15717735        .       -
        .       Parent=Smp_157320.1
SM_V9_2 Liftoff CDS     15703186        15703239        .       -
        0       Parent=Smp_157320.1
SM_V9_2 Liftoff CDS     15705208        15705383        .       -
        2       Parent=Smp_157320.1
SM_V9_2 Liftoff CDS     15707083        15707272        .       -
        0       Parent=Smp_157320.1
SM_V9_2 Liftoff CDS     15708909        15709235        .       -
        0       Parent=Smp_157320.1
SM_V9_2 iris    gene    15743429        15770483        .       +
        .
ID=Smp_065130;geneID=Smp_065130;gene_name=Smp_065130;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15743429        15770483        .       +
        .
ID=Smp_065130.1;Parent=Smp_065130;geneID=Smp_065130;gene_name=Smp_06
5130;owner=irisadmin@local.host;orig_id=Smp_065130.1;date_last_modif
ied=2022-08-01;Name=Smp_065130.1;product=GPI ethanolamine phosphate
transferase 1;date_creation=2022-07-29
SM_V9_2 iris    exon    15743429        15743684        .       +
        .       Parent=Smp_065130.1;Name=43b2ca57-0efe-47dc-9eef-
f7326936068d
SM_V9_2 iris    exon    15745138        15745259        .       +
        .       Parent=Smp_065130.1;Name=204e53a2-1c6c-42c9-a7dd-
b82e25032c4c
SM_V9_2 iris    exon    15746058        15746260        .       +
        .       Parent=Smp_065130.1;Name=824c95d9-68da-40ca-9c41-
f462269a962c
SM_V9_2 iris    exon    15747323        15747590        .       +
        .
Parent=Smp_065130.1;Name=72acd0f7-5455-4829-9093-3c037e51c699
SM_V9_2 iris    exon    15748931        15749166        .       +
        .       Parent=Smp_065130.1;Name=adaaf90a-5e87-4cd8-
bc60-00294863fc35
SM_V9_2 iris    exon    15749350        15749442        .       +
        .       Parent=Smp_065130.1;Name=8402dedf-767b-4615-
a5b4-7387a6e8e4e4
SM_V9_2 iris    exon    15750150        15750205        .       +
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        .       Parent=Smp_065130.1;Name=6154bc9a-5c1b-405d-a286-
deb9b09a16ec
SM_V9_2 iris    exon    15752511        15752589        .       +
        .       Parent=Smp_065130.1;Name=e79aebc8-60f4-45e5-a4d0-
baf2f30e0ff1
SM_V9_2 iris    exon    15752645        15752724        .       +
        .
Parent=Smp_065130.1;Name=3a9dc015-8992-4162-94da-4bcb05c5e850
SM_V9_2 iris    exon    15755112        15755281        .       +
        .
Parent=Smp_065130.1;Name=bff6e110-0151-4bdf-99ca-9fba176dcb6d
SM_V9_2 iris    exon    15756465        15756673        .       +
        .
Parent=Smp_065130.1;Name=a54acb41-3234-46c8-89e5-32578106c2a4
SM_V9_2 iris    exon    15758107        15758202        .       +
        .       Parent=Smp_065130.1;Name=24c0310e-3e89-4f41-a376-
afdbaf2d5f4d
SM_V9_2 iris    exon    15758833        15758924        .       +
        .       Parent=Smp_065130.1;Name=45d257ea-fee4-4897-9e4c-
cea7b85200b6
SM_V9_2 iris    exon    15761993        15762092        .       +
        .       Parent=Smp_065130.1;Name=ad80692c-c0da-42b0-
a309-9d8927bb8c53
SM_V9_2 iris    exon    15763130        15763238        .       +
        .       Parent=Smp_065130.1;Name=d0f67a32-9be5-404f-
a63d-586ebd90e266
SM_V9_2 iris    exon    15764110        15764215        .       +
        .       Parent=Smp_065130.1;Name=1058efec-3b18-43e6-
b7db-2d24d6a186e8
SM_V9_2 iris    exon    15765847        15765946        .       +
        .       Parent=Smp_065130.1;Name=1666887d-
f5ad-4cb3-81fb-60a9a37d1ceb
SM_V9_2 iris    exon    15766809        15766922        .       +
        .       Parent=Smp_065130.1;Name=a6296635-
aa68-44bf-8fc7-717e5a77f9fa
SM_V9_2 iris    exon    15767548        15767603        .       +
        .
Parent=Smp_065130.1;Name=61a4b532-7748-4227-8445-0ae9949e3741
SM_V9_2 iris    exon    15768471        15768546        .       +
        .       Parent=Smp_065130.1;Name=44622213-f776-48b5-
aed9-5bea8e094177
SM_V9_2 iris    exon    15770055        15770483        .       +
        .       Parent=Smp_065130.1;Name=84e6fbe5-133a-47ba-b58a-
adf1daa25e27
SM_V9_2 iris    CDS     15743467        15743684        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15745138        15745259        .       +
        1       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15746058        15746260        .       +
        2       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15747323        15747590        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15748931        15749166        .       +
        2       Parent=Smp_065130.1
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SM_V9_2 iris    CDS     15749350        15749442        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15750150        15750205        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15752511        15752589        .       +
        1       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15752645        15752724        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15755112        15755281        .       +
        1       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15756465        15756673        .       +
        2       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15758107        15758202        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15758833        15758924        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15761993        15762092        .       +
        1       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15763130        15763238        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15764110        15764215        .       +
        2       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15765847        15765946        .       +
        1       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15766809        15766922        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15767548        15767603        .       +
        0       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15768471        15768546        .       +
        1       Parent=Smp_065130.1
SM_V9_2 iris    CDS     15770055        15770417        .       +
        0       Parent=Smp_065130.1
SM_V9_2 Liftoff gene    15771289        15782315        .       -
        .       ID=Smp_065120;geneID=Smp_065120
SM_V9_2 Liftoff mRNA    15771289        15782315        .       -
        .
ID=Smp_065120.1;Parent=Smp_065120;geneID=Smp_065120;product=Deoxyhyp
usine synthase;polypeptide_domain=InterPro:IPR002773,IPR029035
Pfam:PF01916;Ontology_term=GO:0008612
SM_V9_2 Liftoff exon    15771289        15771781        .       -
        .       Parent=Smp_065120.1
SM_V9_2 Liftoff exon    15773405        15773491        .       -
        .       Parent=Smp_065120.1
SM_V9_2 Liftoff exon    15774444        15774665        .       -
        .       Parent=Smp_065120.1
SM_V9_2 Liftoff exon    15776021        15776200        .       -
        .       Parent=Smp_065120.1
SM_V9_2 Liftoff exon    15776582        15776803        .       -
        .       Parent=Smp_065120.1
SM_V9_2 Liftoff exon    15782247        15782315        .       -
        .       Parent=Smp_065120.1
SM_V9_2 Liftoff CDS     15771410        15771781        .       -
        0       Parent=Smp_065120.1
SM_V9_2 Liftoff CDS     15773405        15773491        .       -
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        0       Parent=Smp_065120.1
SM_V9_2 Liftoff CDS     15774444        15774665        .       -
        0       Parent=Smp_065120.1
SM_V9_2 Liftoff CDS     15776021        15776200        .       -
        0       Parent=Smp_065120.1
SM_V9_2 Liftoff CDS     15776582        15776803        .       -
        0       Parent=Smp_065120.1
SM_V9_2 Liftoff CDS     15782247        15782252        .       -
        0       Parent=Smp_065120.1
SM_V9_2 Liftoff gene    15793541        15803675        .       -
        .
ID=Smp_310820;geneID=Smp_310820;previous_systematic_id=Smp_065110
SM_V9_2 Liftoff mRNA    15793541        15803675        .       -
        .
ID=Smp_310820.1;Parent=Smp_310820;geneID=Smp_310820;product=LETM1
and EF-hand domain-containing protein 1,
mitochondrial;polypeptide_domain=InterPro:IPR002048,IPR011992;Ontolo
gy_term=GO:0005509
SM_V9_2 Liftoff exon    15793541        15794067        .       -
        .       Parent=Smp_310820.1
SM_V9_2 Liftoff exon    15794870        15795088        .       -
        .       Parent=Smp_310820.1
SM_V9_2 Liftoff exon    15795765        15795959        .       -
        .       Parent=Smp_310820.1
SM_V9_2 Liftoff exon    15796943        15797173        .       -
        .       Parent=Smp_310820.1
SM_V9_2 Liftoff exon    15798930        15803675        .       -
        .       Parent=Smp_310820.1
SM_V9_2 Liftoff CDS     15793894        15794067        .       -
        0       Parent=Smp_310820.1
SM_V9_2 Liftoff CDS     15794870        15795088        .       -
        0       Parent=Smp_310820.1
SM_V9_2 Liftoff CDS     15795765        15795959        .       -
        0       Parent=Smp_310820.1
SM_V9_2 Liftoff CDS     15796943        15797173        .       -
        0       Parent=Smp_310820.1
SM_V9_2 Liftoff CDS     15798930        15798959        .       -
        0       Parent=Smp_310820.1
SM_V9_2 iris    gene    15814863        15836345        .       -
        .
ID=Smp_310830;geneID=Smp_310830;gene_name=Smp_310830;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15814863        15836345        .       -
        .
ID=Smp_310830.1;Parent=Smp_310830;geneID=Smp_310830;gene_name=Smp_31
0830;owner=irisadmin@local.host;orig_id=Smp_310830.1;date_last_modif
ied=2022-08-01;Name=Smp_310830.1;product=LETM1 and EF-hand domain-
containing protein 1, mitochondrial;date_creation=2022-07-29
SM_V9_2 iris    exon    15814863        15815389        .       -
        .       Parent=Smp_310830.1;Name=51a392ce-ee8e-4b27-
a0bb-5e709bde4a6b
SM_V9_2 iris    exon    15816192        15816410        .       -
        .       Parent=Smp_310830.1;Name=b46704e1-26bd-422d-b22d-
b3c3dd026490
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SM_V9_2 iris    exon    15817088        15817282        .       -
        .       Parent=Smp_310830.1;Name=3a89ba42-fdaa-479f-
bc7a-899c0407b8f8
SM_V9_2 iris    exon    15818266        15818496        .       -
        .
Parent=Smp_310830.1;Name=af0787f7-0492-4a19-8a41-832ccea03e2e
SM_V9_2 iris    exon    15820253        15820326        .       -
        .       Parent=Smp_310830.1;Name=ab2c2503-bbde-49d4-
b847-7250d21be707
SM_V9_2 iris    exon    15825431        15825674        .       -
        .       Parent=Smp_310830.1;Name=f9e391d0-bf66-4b5b-
bc76-6d8dc03b3372
SM_V9_2 iris    exon    15831700        15831924        .       -
        .       Parent=Smp_310830.1;Name=b18161b4-
a124-49f8-9ca0-5fa6217e1758
SM_V9_2 iris    exon    15832932        15833135        .       -
        .       Parent=Smp_310830.1;Name=13bac866-c458-4b9e-9979-
a8e378733d1d
SM_V9_2 iris    exon    15835151        15835291        .       -
        .
Parent=Smp_310830.1;Name=6c854a86-638b-452a-8adc-729aa9db7e9f
SM_V9_2 iris    exon    15835325        15835468        .       -
        .       Parent=Smp_310830.1;Name=a4658d18-6e32-4336-a372-
e3c357e905fe
SM_V9_2 iris    exon    15835505        15835666        .       -
        .       Parent=Smp_310830.1;Name=8bff1ddb-d44f-4b91-
b6cb-31c04c61ba41
SM_V9_2 iris    exon    15835698        15836040        .       -
        .       Parent=Smp_310830.1;Name=a5b80f09-3f4d-423a-
b744-9d9f70f10fd1
SM_V9_2 iris    exon    15836082        15836203        .       -
        .       Parent=Smp_310830.1;Name=679b3b87-909d-4e54-
bdd9-14a0276c88d2
SM_V9_2 iris    exon    15836242        15836345        .       -
        .       Parent=Smp_310830.1;Name=2521c87b-c5c8-463d-
a8f9-9ce7ab900d38
SM_V9_2 iris    CDS     15815216        15815389        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15816192        15816410        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15817088        15817282        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15818266        15818496        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15820253        15820326        .       -
        2       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15825431        15825674        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15831700        15831924        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15832932        15833135        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15835151        15835291        .       -
        0       Parent=Smp_310830.1
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SM_V9_2 iris    CDS     15835325        15835468        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15835505        15835666        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15835698        15836040        .       -
        1       Parent=Smp_310830.1
SM_V9_2 iris    CDS     15836082        15836098        .       -
        0       Parent=Smp_310830.1
SM_V9_2 iris    gene    15846570        15848411        .       +
        .
ID=Smp_157310;geneID=Smp_157310;gene_name=Smp_157310;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    15846570        15848411        .       +
        .
ID=Smp_157310.1;Parent=Smp_157310;geneID=Smp_157310;gene_name=Smp_15
7310;owner=irisadmin@local.host;orig_id=Smp_157310.1;date_last_modif
ied=2022-08-23;Name=Smp_157310.1;product=PDZ and LIM domain protein
7;date_creation=2022-08-23
SM_V9_2 iris    exon    15846570        15848411        .       +
        .       Parent=Smp_157310.1;Name=9edba790-e412-46c7-
bb0e-7a2729985e08
SM_V9_2 iris    CDS     15846684        15847922        .       +
        0       Parent=Smp_157310.1
SM_V9_2 iris    gene    15856574        15877321        .       -
        .
ID=Smp_157300;geneID=Smp_157300;gene_name=Smp_157300;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15856574        15877321        .       -
        .
ID=Smp_157300.1;Parent=Smp_157300;geneID=Smp_157300;gene_name=Smp_15
7300;owner=irisadmin@local.host;orig_id=Smp_157300.1;date_last_modif
ied=2022-08-01;Name=Smp_157300.1;product=Fibroblast growth factor
receptor 2;date_creation=2022-07-29
SM_V9_2 iris    exon    15856574        15857282        .       -
        .       Parent=Smp_157300.1;Name=1a180991-8d00-4082-
bcbd-130ae2c05f52
SM_V9_2 iris    exon    15862389        15862459        .       -
        .       Parent=Smp_157300.1;Name=5cf7035c-db20-493e-
b8b3-1fc6859c86f3
SM_V9_2 iris    exon    15864680        15864796        .       -
        .       Parent=Smp_157300.1;Name=388156c9-98df-432d-9e17-
d7598f8cb252
SM_V9_2 iris    exon    15866117        15866277        .       -
        .       Parent=Smp_157300.1;Name=04cc12d2-43ab-4fbe-a451-
f5e78b9c86e7
SM_V9_2 iris    exon    15867562        15867669        .       -
        .
Parent=Smp_157300.1;Name=40902a0e-258d-4ae3-8c0e-7c18ddc727fa
SM_V9_2 iris    exon    15869148        15869684        .       -
        .       Parent=Smp_157300.1;Name=78373eab-d3cb-4b80-
ab4e-680a2522a328
SM_V9_2 iris    exon    15873050        15873212        .       -
        .       Parent=Smp_157300.1;Name=584a9caf-1957-42b9-bf10-
ccf57863bda6
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SM_V9_2 iris    exon    15876493        15877321        .       -
        .       Parent=Smp_157300.1;Name=3948346c-4fdb-4629-b9ab-
a06999ccace8
SM_V9_2 iris    CDS     15856748        15857282        .       -
        1       Parent=Smp_157300.1
SM_V9_2 iris    CDS     15862389        15862459        .       -
        0       Parent=Smp_157300.1
SM_V9_2 iris    CDS     15864680        15864796        .       -
        0       Parent=Smp_157300.1
SM_V9_2 iris    CDS     15866117        15866277        .       -
        2       Parent=Smp_157300.1
SM_V9_2 iris    CDS     15867562        15867669        .       -
        2       Parent=Smp_157300.1
SM_V9_2 iris    CDS     15869148        15869684        .       -
        2       Parent=Smp_157300.1
SM_V9_2 iris    CDS     15873050        15873212        .       -
        0       Parent=Smp_157300.1
SM_V9_2 iris    CDS     15876493        15876816        .       -
        0       Parent=Smp_157300.1
SM_V9_2 Liftoff gene    15888962        15913348        .       -
        .       ID=Smp_157290;geneID=Smp_157290
SM_V9_2 Liftoff mRNA    15888962        15913348        .       -
        .
ID=Smp_157290.1;Parent=Smp_157290;geneID=Smp_157290;product=Condensi
n complex subunit 2;polypeptide_domain=InterPro:IPR022816
Pfam:PF05786;Ontology_term=GO:0000796,GO:0007076
SM_V9_2 Liftoff exon    15888962        15890018        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15890645        15891112        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15892198        15892386        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15893126        15893375        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15899566        15899722        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15902083        15902285        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15904044        15904167        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15905804        15905942        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15908236        15908529        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15908929        15909201        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15911486        15911769        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff exon    15913106        15913348        .       -
        .       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15889803        15890018        .       -
        0       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15890645        15891112        .       -
        0       Parent=Smp_157290.1
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SM_V9_2 Liftoff CDS     15892198        15892386        .       -
        0       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15893126        15893375        .       -
        1       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15899566        15899722        .       -
        2       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15902083        15902285        .       -
        1       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15904044        15904167        .       -
        2       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15905804        15905942        .       -
        0       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15908236        15908529        .       -
        0       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15908929        15909201        .       -
        0       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15911486        15911769        .       -
        2       Parent=Smp_157290.1
SM_V9_2 Liftoff CDS     15913106        15913244        .       -
        0       Parent=Smp_157290.1
SM_V9_2 iris    gene    15921529        15946428        .       +
        .
ID=Smp_065060;geneID=Smp_065060;gene_name=Smp_065060;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    15921529        15946428        .       +
        .
ID=Smp_065060.1;Parent=Smp_065060;geneID=Smp_065060;gene_name=Smp_06
5060;owner=irisadmin@local.host;orig_id=Smp_065060.1;date_last_modif
ied=2022-08-01;Name=Smp_065060.1;product=Delta-1-pyrroline-5-
carboxylate dehydrogenase, mitochondrial;date_creation=2022-07-29
SM_V9_2 iris    exon    15921529        15921598        .       +
        .       Parent=Smp_065060.1;Name=b228f3f0-154a-4940-8e7a-
b9ed0a99f593
SM_V9_2 iris    exon    15924382        15924607        .       +
        .
Parent=Smp_065060.1;Name=09479ca0-0f3d-4259-9a7a-65679b18fac4
SM_V9_2 iris    exon    15924648        15924851        .       +
        .       Parent=Smp_065060.1;Name=a9b352a2-0d4d-41a4-
b184-07d327abd7b0
SM_V9_2 iris    exon    15924895        15924975        .       +
        .
Parent=Smp_065060.1;Name=ab09e135-37f7-4d57-93c0-21d8062d03f7
SM_V9_2 iris    exon    15925017        15925085        .       +
        .       Parent=Smp_065060.1;Name=3d9a2032-c06e-42dd-8a20-
b2960d12edea
SM_V9_2 iris    exon    15925139        15925275        .       +
        .
Parent=Smp_065060.1;Name=3d97a5d7-2e48-4d89-9229-6383f5551ac3
SM_V9_2 iris    exon    15927142        15927267        .       +
        .       Parent=Smp_065060.1;Name=f327c459-8949-46c1-9784-
c190acc1fa51
SM_V9_2 iris    exon    15931146        15931219        .       +
        .
Parent=Smp_065060.1;Name=a88d699d-2fb4-4155-9587-267c7d540c78
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SM_V9_2 iris    exon    15934236        15934477        .       +
        .       Parent=Smp_065060.1;Name=b1f27ad3-bb9e-402e-859e-
ca37a4182634
SM_V9_2 iris    exon    15939062        15939211        .       +
        .       Parent=Smp_065060.1;Name=b40ecd0b-
dc93-47cc-8df5-866b8eaf3243
SM_V9_2 iris    exon    15941393        15941495        .       +
        .
Parent=Smp_065060.1;Name=cd259210-183c-401b-9bc7-5e1ddbaaecd7
SM_V9_2 iris    exon    15943337        15943590        .       +
        .       Parent=Smp_065060.1;Name=d094a8e4-
b42e-46cb-90d5-79fa2e7a063c
SM_V9_2 iris    exon    15946209        15946428        .       +
        .       Parent=Smp_065060.1;Name=363e9082-8c23-4107-
a536-3e32e15c405d
SM_V9_2 iris    CDS     15921579        15921598        .       +
        0       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15924382        15924607        .       +
        1       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15924648        15924851        .       +
        0       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15924895        15924975        .       +
        0       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15925017        15925085        .       +
        0       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15925139        15925275        .       +
        0       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15927142        15927267        .       +
        1       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15931146        15931219        .       +
        1       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15934236        15934477        .       +
        2       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15939062        15939211        .       +
        0       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15941393        15941495        .       +
        0       Parent=Smp_065060.1
SM_V9_2 iris    CDS     15943337        15943512        .       +
        2       Parent=Smp_065060.1
SM_V9_2 Liftoff gene    15985947        16009675        .       -
        .
ID=Smp_315860;geneID=Smp_315860;previous_systematic_id=Smp_157270,Sm
p_157280
SM_V9_2 Liftoff mRNA    15985947        16009675        .       -
        .
ID=Smp_315860.1;Parent=Smp_315860;geneID=Smp_315860;product=Zinc
finger protein ZIC
5;literature=PMID:16574373;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    15985947        15989703        .       -
        .       Parent=Smp_315860.1
SM_V9_2 Liftoff exon    16007391        16009675        .       -
        .       Parent=Smp_315860.1
SM_V9_2 Liftoff CDS     15986975        15989703        .       -
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        2       Parent=Smp_315860.1
SM_V9_2 Liftoff CDS     16007391        16008915        .       -
        0       Parent=Smp_315860.1
SM_V9_2 Liftoff mRNA    16006728        16009675        .       -
        .
ID=Smp_315860.2;Parent=Smp_315860;geneID=Smp_315860;product=Zinc
finger protein ZIC
5;literature=PMID:16574373;polypeptide_domain=InterPro:IPR013083,IPR
013087 Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    16006728        16009675        .       -
        .       Parent=Smp_315860.2
SM_V9_2 Liftoff CDS     16007332        16008915        .       -
        0       Parent=Smp_315860.2
SM_V9_2 Liftoff gene    16010539        16016749        .       +
        .       ID=Smp_327980;geneID=Smp_327980
SM_V9_2 Liftoff mRNA    16010539        16016749        .       +
        .
ID=Smp_327980.1;Parent=Smp_327980;geneID=Smp_327980;product=Increase
d sodium tolerance protein 2
SM_V9_2 Liftoff exon    16010539        16010637        .       +
        .       Parent=Smp_327980.1
SM_V9_2 Liftoff exon    16016282        16016749        .       +
        .       Parent=Smp_327980.1
SM_V9_2 Liftoff CDS     16010600        16010637        .       +
        0       Parent=Smp_327980.1
SM_V9_2 Liftoff CDS     16016282        16016453        .       +
        1       Parent=Smp_327980.1
SM_V9_2 iris    gene    16049573        16080300        .       -
        .
ID=Smp_341030;geneID=Smp_341030;gene_name=Smp_341030;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16049573        16080300        .       -
        .
ID=Smp_341030.1;Parent=Smp_341030;geneID=Smp_341030;gene_name=Smp_34
1030;owner=irisadmin@local.host;orig_id=Smp_341030.1;date_last_modif
ied=2022-08-01;Name=Smp_341030.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    16049573        16052867        .       -
        .       Parent=Smp_341030.1;Name=40dc5d36-a38f-4594-b82c-
a52926eec48a
SM_V9_2 iris    exon    16058173        16058356        .       -
        .       Parent=Smp_341030.1;Name=f774c374-daa8-459b-
aa0d-46ec0a31b96c
SM_V9_2 iris    exon    16062341        16062420        .       -
        .       Parent=Smp_341030.1;Name=06a371dd-3ecf-488a-
a02a-4350a02d5402
SM_V9_2 iris    exon    16071752        16072162        .       -
        .       Parent=Smp_341030.1;Name=046878c8-14c5-4fa0-
ac6a-8b6595db8632
SM_V9_2 iris    exon    16074596        16075655        .       -
        .       Parent=Smp_341030.1;Name=554c7bd2-
b8fa-4142-94ce-5c5ee88a5170
SM_V9_2 iris    exon    16079909        16080300        .       -
        .       Parent=Smp_341030.1;Name=bb59ea57-9b17-4b8f-85be-
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b28344edbcbf
SM_V9_2 iris    CDS     16051027        16052867        .       -
        2       Parent=Smp_341030.1
SM_V9_2 iris    CDS     16058173        16058356        .       -
        0       Parent=Smp_341030.1
SM_V9_2 iris    CDS     16062341        16062420        .       -
        2       Parent=Smp_341030.1
SM_V9_2 iris    CDS     16071752        16072162        .       -
        2       Parent=Smp_341030.1
SM_V9_2 iris    CDS     16074596        16075655        .       -
        0       Parent=Smp_341030.1
SM_V9_2 iris    mRNA    16065673        16080300        .       -
        .
ID=Smp_341030.2;Parent=Smp_341030;geneID=Smp_341030;gene_name=Smp_34
1030;owner=irisadmin@local.host;orig_id=Smp_341030.2;date_last_modif
ied=2022-08-01;Name=Smp_341030.2;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    16065673        16068093        .       -
        .       Parent=Smp_341030.2;Name=6512055c-b86b-40c3-9a01-
bb6c1963b257
SM_V9_2 iris    exon    16071752        16072162        .       -
        .       Parent=Smp_341030.2;Name=4fca5cd6-bc8b-4ecb-
b823-8c4b682610f2
SM_V9_2 iris    exon    16074596        16075655        .       -
        .       Parent=Smp_341030.2;Name=b3e0e6ab-ae7d-45df-b2a6-
b5f406314699
SM_V9_2 iris    exon    16080158        16080300        .       -
        .       Parent=Smp_341030.2;Name=77fc0c72-4563-42e6-
bba2-589b85abb9da
SM_V9_2 iris    CDS     16068035        16068093        .       -
        2       Parent=Smp_341030.2
SM_V9_2 iris    CDS     16071752        16072162        .       -
        2       Parent=Smp_341030.2
SM_V9_2 iris    CDS     16074596        16075655        .       -
        0       Parent=Smp_341030.2
SM_V9_2 iris    gene    16153930        16156184        .       -
        .
ID=Smp_248200;geneID=Smp_248200;gene_name=Smp_248200;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16153930        16156184        .       -
        .
ID=Smp_248200.1;Parent=Smp_248200;geneID=Smp_248200;gene_name=Smp_24
8200;owner=irisadmin@local.host;orig_id=Smp_248200.1;date_last_modif
ied=2022-08-01;Name=Smp_248200.1;product=EKC/KEOPS complex subunit
TPRKB;date_creation=2022-07-29
SM_V9_2 iris    exon    16153930        16154464        .       -
        .       Parent=Smp_248200.1;Name=5e4c8516-
f976-427e-8257-01457336a7c4
SM_V9_2 iris    exon    16155807        16156184        .       -
        .       Parent=Smp_248200.1;Name=0da201dd-6a29-41af-925c-
a58f9740d99c
SM_V9_2 iris    CDS     16154033        16154464        .       -
        0       Parent=Smp_248200.1
SM_V9_2 iris    CDS     16155807        16155992        .       -
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        0       Parent=Smp_248200.1
SM_V9_2 iris    gene    16169787        16173390        .       -
        .
ID=Smp_157250;geneID=Smp_157250;gene_name=Smp_157250;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16169787        16173390        .       -
        .
ID=Smp_157250.1;Parent=Smp_157250;geneID=Smp_157250;gene_name=Smp_15
7250;owner=irisadmin@local.host;orig_id=Smp_157250.1;date_last_modif
ied=2022-08-01;Name=Smp_157250.1;product=Nucleolin;date_creation=202
2-07-29
SM_V9_2 iris    exon    16169787        16170113        .       -
        .       Parent=Smp_157250.1;Name=1d90b427-137c-4b9e-
b9d2-9c083a9e22d1
SM_V9_2 iris    exon    16170988        16171389        .       -
        .       Parent=Smp_157250.1;Name=cbbe3505-ee98-4aa2-b19e-
e63c594cd74b
SM_V9_2 iris    exon    16171430        16171691        .       -
        .       Parent=Smp_157250.1;Name=4c2fd98f-ae24-480f-
b34c-6b221e23993f
SM_V9_2 iris    exon    16171735        16172209        .       -
        .       Parent=Smp_157250.1;Name=850f7192-51f7-4938-
ac46-8b40e03fbd6a
SM_V9_2 iris    exon    16173328        16173390        .       -
        .       Parent=Smp_157250.1;Name=52e3c010-276b-48e2-
a214-8f59d701116c
SM_V9_2 iris    CDS     16169840        16170113        .       -
        1       Parent=Smp_157250.1
SM_V9_2 iris    CDS     16170988        16171389        .       -
        1       Parent=Smp_157250.1
SM_V9_2 iris    CDS     16171430        16171691        .       -
        2       Parent=Smp_157250.1
SM_V9_2 iris    CDS     16171735        16172209        .       -
        0       Parent=Smp_157250.1
SM_V9_2 iris    CDS     16173328        16173363        .       -
        0       Parent=Smp_157250.1
SM_V9_2 Liftoff gene    16202844        16233543        .       +
        .       ID=Smp_157240;geneID=Smp_157240
SM_V9_2 Liftoff mRNA    16202844        16233543        .       +
        .
ID=Smp_157240.1;Parent=Smp_157240;geneID=Smp_157240;product=Cyclin-
dependent kinase-like
1;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    16202844        16203763        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16204184        16204319        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16206259        16206445        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16209050        16209171        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16212949        16213021        .       +
        .       Parent=Smp_157240.1
```

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SM_V9_2 Liftoff exon    16215588        16215678        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16217500        16217700        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16221522        16221604        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16222727        16222798        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16223389        16223506        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16229227        16229456        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff exon    16232931        16233543        .       +
        .       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16203721        16203763        .       +
        0       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16204184        16204319        .       +
        2       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16206259        16206445        .       +
        1       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16209050        16209171        .       +
        0       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16212949        16213021        .       +
        1       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16215588        16215678        .       +
        0       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16217500        16217700        .       +
        2       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16221522        16221604        .       +
        2       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16222727        16222798        .       +
        0       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16223389        16223506        .       +
        0       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16229227        16229456        .       +
        2       Parent=Smp_157240.1
SM_V9_2 Liftoff CDS     16232931        16233515        .       +
        0       Parent=Smp_157240.1
SM_V9_2 Liftoff gene    16239956        16304700        .       -
        .
ID=Smp_159370;geneID=Smp_159370;previous_systematic_id=Smp_068700
SM_V9_2 Liftoff mRNA    16239956        16304700        .       -
        .
ID=Smp_159370.1;Parent=Smp_159370;geneID=Smp_159370;product=Endothel
in-converting enzyme
1;polypeptide_domain=InterPro:IPR000718,IPR008753,IPR018497,IPR02407
9
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    16239956        16241290        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16243941        16244017        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16247277        16247372        .       -
        .       Parent=Smp_159370.1
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SM_V9_2 Liftoff exon    16249107        16249172        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16251271        16251395        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16261348        16261526        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16264937        16265037        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16268501        16268581        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16268646        16268744        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16269767        16269885        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16272833        16272936        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16274386        16274534        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16275547        16275630        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16276617        16276730        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16278072        16278140        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16279988        16280304        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16280875        16281081        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff exon    16304285        16304700        .       -
        .       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16241191        16241290        .       -
        1       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16243941        16244017        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16247277        16247372        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16249107        16249172        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16251271        16251395        .       -
        2       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16261348        16261526        .       -
        1       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16264937        16265037        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16268501        16268581        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16268646        16268744        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16269767        16269885        .       -
        2       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16272833        16272936        .       -
        1       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16274386        16274534        .       -
        0       Parent=Smp_159370.1
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SM_V9_2 Liftoff CDS     16275547        16275630        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16276617        16276730        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16278072        16278140        .       -
        0       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16279988        16280304        .       -
        2       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16280875        16281081        .       -
        2       Parent=Smp_159370.1
SM_V9_2 Liftoff CDS     16304285        16304600        .       -
        0       Parent=Smp_159370.1
SM_V9_2 iris    gene    16373446        16377120        .       -
        .
ID=Smp_068710;geneID=Smp_068710;gene_name=Smp_068710;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16373446        16377120        .       -
        .
ID=Smp_068710.1;Parent=Smp_068710;geneID=Smp_068710;gene_name=Smp_06
8710;owner=irisadmin@local.host;orig_id=Smp_068710.1;date_last_modif
ied=2022-08-01;Name=Smp_068710.1;product=26S proteasome non-ATPase
regulatory subunit 1;date_creation=2022-07-29
SM_V9_2 iris    exon    16373446        16373706        .       -
        .       Parent=Smp_068710.1;Name=81be7f12-c366-4a4f-ad2e-
c72128a7d7db
SM_V9_2 iris    exon    16376518        16377120        .       -
        .
Parent=Smp_068710.1;Name=c019134d-423b-4be6-8fb0-3492cab405fd
SM_V9_2 iris    CDS     16373532        16373706        .       -
        1       Parent=Smp_068710.1
SM_V9_2 iris    CDS     16376518        16376909        .       -
        0       Parent=Smp_068710.1
SM_V9_2 Liftoff gene    16382225        16386020        .       -
        .       ID=Smp_068720;geneID=Smp_068720
SM_V9_2 Liftoff mRNA    16382225        16386020        .       -
        .
ID=Smp_068720.1;Parent=Smp_068720;geneID=Smp_068720;product=Formin
Homology 2 Domain containing protein;evidence=Traceable Author
Statement;literature=PMID:19746159;polypeptide_domain=InterPro:IPR01
0472,IPR010473,IPR011989,IPR014767,IPR014768,IPR015425,IPR016024
Pfam:PF02181,PF06367,PF06371;Ontology_term=GO:0003779,GO:0005488,GO:
0016043,GO:0017048,GO:0030036
SM_V9_2 Liftoff exon    16382225        16386020        .       -
        .       Parent=Smp_068720.1
SM_V9_2 Liftoff CDS     16382521        16385586        .       -
        0       Parent=Smp_068720.1
SM_V9_2 iris    gene    16408751        16424909        .       -
        .
ID=Smp_159380;geneID=Smp_159380;gene_name=Smp_159380;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16408751        16424909        .       -
        .
ID=Smp_159380.1;Parent=Smp_159380;geneID=Smp_159380;gene_name=Smp_15
9380;owner=irisadmin@local.host;orig_id=Smp_159380.1;date_last_modif
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ied=2022-08-01;Name=Smp_159380.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    16408751        16410499        .       -
        .       Parent=Smp_159380.1;Name=068a146f-5bfa-4d89-
b03c-878c86e29019
SM_V9_2 iris    exon    16412217        16412400        .       -
        .
Parent=Smp_159380.1;Name=0bb79a0c-3fbe-4364-9856-0682b822bf53
SM_V9_2 iris    exon    16417022        16417593        .       -
        .       Parent=Smp_159380.1;Name=ec68028b-bdc2-4691-a0d9-
dc42486fe72b
SM_V9_2 iris    exon    16424805        16424909        .       -
        .
Parent=Smp_159380.1;Name=96349391-8d40-41e0-8f6e-7f97bdae9cc2
SM_V9_2 iris    CDS     16410168        16410499        .       -
        2       Parent=Smp_159380.1
SM_V9_2 iris    CDS     16412217        16412400        .       -
        0       Parent=Smp_159380.1
SM_V9_2 iris    CDS     16417022        16417593        .       -
        2       Parent=Smp_159380.1
SM_V9_2 iris    CDS     16424805        16424844        .       -
        0       Parent=Smp_159380.1
SM_V9_2 iris    gene    16434664        16458834        .       +
        .
ID=Smp_068750;geneID=Smp_068750;gene_name=Smp_068750;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16434664        16458834        .       +
        .
ID=Smp_068750.1;Parent=Smp_068750;geneID=Smp_068750;gene_name=Smp_06
8750;owner=irisadmin@local.host;orig_id=Smp_068750.1;date_last_modif
ied=2022-08-01;Name=Smp_068750.1;product=DNA
ligase;date_creation=2022-07-29
SM_V9_2 iris    exon    16434664        16434978        .       +
        .       Parent=Smp_068750.1;Name=f974a579-8363-42c9-
a9b0-0105b6e15527
SM_V9_2 iris    exon    16446530        16446862        .       +
        .
Parent=Smp_068750.1;Name=a2b6d233-3ca7-4d6f-9975-2b40ba489647
SM_V9_2 iris    exon    16456357        16456431        .       +
        .
Parent=Smp_068750.1;Name=150b41fe-5e9d-46d1-88c1-9ee4c630ff5c
SM_V9_2 iris    exon    16457850        16458834        .       +
        .       Parent=Smp_068750.1;Name=bfce0cd8-17c9-496f-
bab0-3a1f23c5fa77
SM_V9_2 iris    CDS     16434967        16434978        .       +
        0       Parent=Smp_068750.1
SM_V9_2 iris    CDS     16446530        16446862        .       +
        0       Parent=Smp_068750.1
SM_V9_2 iris    CDS     16456357        16456431        .       +
        0       Parent=Smp_068750.1
SM_V9_2 iris    CDS     16457850        16457954        .       +
        0       Parent=Smp_068750.1
SM_V9_2 Liftoff gene    16470988        16477702        .       +
        .       ID=Smp_068760;geneID=Smp_068760
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SM_V9_2 Liftoff mRNA    16470988        16477702        .       +
       .
ID=Smp_068760.1;Parent=Smp_068760;geneID=Smp_068760;product=28S
ribosomal protein S24,
mitochondrial;polypeptide_domain=InterPro:IPR026146
Pfam:PF14955;Ontology_term=GO:0005739
SM_V9_2 Liftoff exon    16470988        16474741        .       +
       .       Parent=Smp_068760.1
SM_V9_2 Liftoff exon    16477255        16477702        .       +
       .       Parent=Smp_068760.1
SM_V9_2 Liftoff CDS     16474430        16474741        .       +
       0       Parent=Smp_068760.1
SM_V9_2 Liftoff CDS     16477255        16477443        .       +
       0       Parent=Smp_068760.1
SM_V9_2 iris    gene    16478989        16515774        .       -
       .
ID=Smp_310880;geneID=Smp_310880;gene_name=Smp_310880;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16478989        16515774        .       -
       .
ID=Smp_310880.1;Parent=Smp_310880;geneID=Smp_310880;gene_name=Smp_31
0880;owner=irisadmin@local.host;orig_id=Smp_310880.1;date_last_modif
ied=2022-08-01;Name=Smp_310880.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    16478989        16480296        .       -
       .       Parent=Smp_310880.1;Name=Smp_310880.1-CDS
SM_V9_2 iris    exon    16481321        16481434        .       -
       .       Parent=Smp_310880.1;Name=3755d5ad-79ff-47ba-
b87d-39cfd32059b9
SM_V9_2 iris    exon    16486058        16486111        .       -
       .       Parent=Smp_310880.1;Name=f6a7331a-7e9b-4f94-a531-
afbce161ab25
SM_V9_2 iris    exon    16491330        16491417        .       -
       .       Parent=Smp_310880.1;Name=4d738e8a-be1f-4c8a-b58b-
e9a92bb5d939
SM_V9_2 iris    exon    16494476        16494921        .       -
       .
Parent=Smp_310880.1;Name=669510c2-0d35-43fc-93cf-4e2d76e76452
SM_V9_2 iris    exon    16515089        16515774        .       -
       .       Parent=Smp_310880.1;Name=67921880-4765-4445-90fe-
ad62f8109362
SM_V9_2 iris    CDS     16479158        16480296        .       -
       2       Parent=Smp_310880.1
SM_V9_2 iris    CDS     16481321        16481434        .       -
       2       Parent=Smp_310880.1
SM_V9_2 iris    CDS     16486058        16486111        .       -
       2       Parent=Smp_310880.1
SM_V9_2 iris    CDS     16491330        16491417        .       -
       0       Parent=Smp_310880.1
SM_V9_2 iris    CDS     16494476        16494921        .       -
       2       Parent=Smp_310880.1
SM_V9_2 iris    CDS     16515089        16515158        .       -
       0       Parent=Smp_310880.1
SM_V9_2 iris    gene    16525473        16543639        .       -
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        .
ID=Smp_328000;geneID=Smp_328000;gene_name=Smp_328000;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16525473        16543639        .       -
        .
ID=Smp_328000.1;Parent=Smp_328000;geneID=Smp_328000;gene_name=Smp_32
8000;owner=irisadmin@local.host;orig_id=Smp_328000.2;date_last_modif
ied=2022-08-01;Name=Smp_328000.1;product=nuclear hormone receptor
FTZ F1 beta;date_creation=2022-07-29
SM_V9_2 iris    exon    16525473        16526852        .       -
        .       Parent=Smp_328000.1;Name=e2e291bb-d667-4058-b81a-
f7a50aee4076
SM_V9_2 iris    exon    16528387        16528552        .       -
        .       Parent=Smp_328000.1;Name=d94e2e41-9e4d-408a-
aa1f-2920355bebbe
SM_V9_2 iris    exon    16529344        16529646        .       -
        .       Parent=Smp_328000.1;Name=28872467-db22-445b-
ae1d-44f0298e639f
SM_V9_2 iris    exon    16530204        16530712        .       -
        .       Parent=Smp_328000.1;Name=ef4f97ab-f033-4785-
a98b-573bd361d444
SM_V9_2 iris    exon    16533356        16533623        .       -
        .       Parent=Smp_328000.1;Name=4fdc417d-1654-45e8-bced-
a603442aded9
SM_V9_2 iris    exon    16534319        16534731        .       -
        .       Parent=Smp_328000.1;Name=b49aac6e-e111-4f14-
b982-4ffa076a8e87
SM_V9_2 iris    exon    16535957        16536191        .       -
        .       Parent=Smp_328000.1;Name=3003df29-61bd-488c-9645-
be256fd7ab0a
SM_V9_2 iris    exon    16542000        16542149        .       -
        .       Parent=Smp_328000.1;Name=fc268f4a-b17a-4453-
b07f-5bb5ab23a89f
SM_V9_2 iris    exon    16543199        16543639        .       -
        .
Parent=Smp_328000.1;Name=5ae8e9b6-8591-4f2f-9609-2531cd8e525f
SM_V9_2 iris    CDS     16526308        16526852        .       -
        2       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16528387        16528552        .       -
        0       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16529344        16529646        .       -
        0       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16530204        16530712        .       -
        2       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16533356        16533623        .       -
        0       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16534319        16534731        .       -
        2       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16535957        16536191        .       -
        0       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16542000        16542149        .       -
        0       Parent=Smp_328000.1
SM_V9_2 iris    CDS     16543199        16543489        .       -
        0       Parent=Smp_328000.1
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SM_V9_2 iris    gene    16603300        16614334        .       -
       .
ID=Smp_242130;geneID=Smp_242130;gene_name=Smp_242130;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16603300        16614334        .       -
       .
ID=Smp_242130.1;Parent=Smp_242130;geneID=Smp_242130;gene_name=Smp_24
2130;owner=irisadmin@local.host;orig_id=Smp_242130.1;date_last_modif
ied=2022-08-01;Name=Smp_242130.1;product=SEC14-like protein
3;date_creation=2022-07-29
SM_V9_2 iris    exon    16603300        16604513        .       -
       .       Parent=Smp_242130.1;Name=31d44b05-676f-4464-
ab64-30bda20b9b13
SM_V9_2 iris    exon    16608690        16609268        .       -
       .       Parent=Smp_242130.1;Name=63c7910c-3bdd-47bc-
be1e-2c54d6ee0a72
SM_V9_2 iris    exon    16610832        16611290        .       -
       .
Parent=Smp_242130.1;Name=e31b9a19-98f6-48f2-9a83-404411d6d1b0
SM_V9_2 iris    exon    16613859        16614334        .       -
       .       Parent=Smp_242130.1;Name=148ae840-7160-4619-
b7e7-1e1a57e7ac2b
SM_V9_2 iris    CDS     16604259        16604513        .       -
       0       Parent=Smp_242130.1
SM_V9_2 iris    CDS     16608690        16609268        .       -
       0       Parent=Smp_242130.1
SM_V9_2 iris    CDS     16610832        16611290        .       -
       0       Parent=Smp_242130.1
SM_V9_2 iris    CDS     16613859        16614074        .       -
       0       Parent=Smp_242130.1
SM_V9_2 Liftoff gene    16621408        16629543        .       +
       .
ID=Smp_337550;geneID=Smp_337550;previous_systematic_id=Smp_159410,Sm
p_179160
SM_V9_2 Liftoff mRNA    16621408        16629543        .       +
       .
ID=Smp_337550.1;Parent=Smp_337550;geneID=Smp_337550;product=Nuclear
nucleic acid-binding protein
C1D;polypeptide_domain=InterPro:IPR007146 Pfam:PF04000
SM_V9_2 Liftoff exon    16621408        16623953        .       +
       .       Parent=Smp_337550.1
SM_V9_2 Liftoff exon    16623990        16624056        .       +
       .       Parent=Smp_337550.1
SM_V9_2 Liftoff exon    16624094        16624149        .       +
       .       Parent=Smp_337550.1
SM_V9_2 Liftoff exon    16629202        16629543        .       +
       .       Parent=Smp_337550.1
SM_V9_2 Liftoff CDS     16623819        16623953        .       +
       0       Parent=Smp_337550.1
SM_V9_2 Liftoff CDS     16623990        16624056        .       +
       0       Parent=Smp_337550.1
SM_V9_2 Liftoff CDS     16624094        16624149        .       +
       2       Parent=Smp_337550.1
SM_V9_2 Liftoff CDS     16629202        16629366        .       +
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        0       Parent=Smp_337550.1
SM_V9_2 Liftoff gene    16648851        16654650        .       -
        .       ID=Smp_103810;geneID=Smp_103810
SM_V9_2 Liftoff mRNA    16648851        16654650        .       -
        .
ID=Smp_103810.1;Parent=Smp_103810;geneID=Smp_103810;product=Eukaryot
ic translation initiation factor 4E
transporter;polypeptide_domain=InterPro:IPR018862 Pfam:PF10477
SM_V9_2 Liftoff exon    16648851        16649619        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16652214        16652396        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16652431        16652502        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16652535        16652628        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16652893        16653221        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16653273        16653353        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16653387        16654181        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16654220        16654358        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff exon    16654397        16654650        .       -
        .       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16649249        16649619        .       -
        2       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16652214        16652396        .       -
        2       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16652431        16652502        .       -
        2       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16652535        16652628        .       -
        0       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16652893        16653221        .       -
        2       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16653273        16653353        .       -
        2       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16653387        16654181        .       -
        2       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16654220        16654358        .       -
        0       Parent=Smp_103810.1
SM_V9_2 Liftoff CDS     16654397        16654459        .       -
        0       Parent=Smp_103810.1
SM_V9_2 Liftoff gene    16658388        16658826        .       +
        .       ID=Smp_328010;geneID=Smp_328010
SM_V9_2 Liftoff mRNA    16658388        16658826        .       +
        .
ID=Smp_328010.1;Parent=Smp_328010;geneID=Smp_328010;product=Thymidyl
ate kinase
SM_V9_2 Liftoff exon    16658388        16658602        .       +
        .       Parent=Smp_328010.1
SM_V9_2 Liftoff exon    16658651        16658826        .       +
        .       Parent=Smp_328010.1
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SM_V9_2 Liftoff CDS     16658444        16658602        .       +
        0       Parent=Smp_328010.1
SM_V9_2 Liftoff CDS     16658651        16658746        .       +
        0       Parent=Smp_328010.1
SM_V9_2 Liftoff gene    16676639        16744774        .       -
        .
ID=Smp_245660;geneID=Smp_245660;previous_systematic_id=Smp_046640,Sm
p_046650,Smp_147190
SM_V9_2 Liftoff mRNA    16676639        16744774        .       -
        .
ID=Smp_245660.1;Parent=Smp_245660;geneID=Smp_245660;product=Potassiu
m channel subfamily K member
18;polypeptide_domain=InterPro:IPR013099 Pfam:PF07885
SM_V9_2 Liftoff exon    16676639        16677102        .       -
        .       Parent=Smp_245660.1
SM_V9_2 Liftoff exon    16686458        16688561        .       -
        .       Parent=Smp_245660.1
SM_V9_2 Liftoff exon    16700600        16701252        .       -
        .       Parent=Smp_245660.1
SM_V9_2 Liftoff exon    16743595        16744774        .       -
        .       Parent=Smp_245660.1
SM_V9_2 Liftoff CDS     16676888        16677102        .       -
        2       Parent=Smp_245660.1
SM_V9_2 Liftoff CDS     16686458        16688561        .       -
        0       Parent=Smp_245660.1
SM_V9_2 Liftoff CDS     16700600        16701252        .       -
        2       Parent=Smp_245660.1
SM_V9_2 Liftoff CDS     16743595        16744501        .       -
        0       Parent=Smp_245660.1
SM_V9_2 Liftoff gene    16824748        16842164        .       -
        .       ID=Smp_046680;geneID=Smp_046680
SM_V9_2 Liftoff mRNA    16824748        16842164        .       -
        .
ID=Smp_046680.1;Parent=Smp_046680;geneID=Smp_046680;product=U3 small
nucleolar RNA-associated protein 18
homolog;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;On
tology_term=GO:0005515
SM_V9_2 Liftoff exon    16824748        16825017        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16826983        16827157        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16834760        16834889        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16835948        16836038        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16837131        16837286        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16838851        16838973        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16841570        16841852        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16841884        16842020        .       -
        .       Parent=Smp_046680.1
SM_V9_2 Liftoff exon    16842052        16842164        .       -
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        .       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16824853        16825017        .       -
        0       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16826983        16827157        .       -
        1       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16834760        16834889        .       -
        2       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16835948        16836038        .       -
        0       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16837131        16837286        .       -
        0       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16838851        16838973        .       -
        0       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16841570        16841852        .       -
        1       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16841884        16842020        .       -
        0       Parent=Smp_046680.1
SM_V9_2 Liftoff CDS     16842052        16842120        .       -
        0       Parent=Smp_046680.1
SM_V9_2 Liftoff gene    16843615        16843848        .       +
        .       ID=Smp_147200;geneID=Smp_147200
SM_V9_2 Liftoff mRNA    16843615        16843848        .       +
        .
ID=Smp_147200.1;Parent=Smp_147200;geneID=Smp_147200;product=Lamin-B2
SM_V9_2 Liftoff exon    16843615        16843848        .       +
        .       Parent=Smp_147200.1
SM_V9_2 Liftoff CDS     16843615        16843848        .       +
        0       Parent=Smp_147200.1
SM_V9_2 Liftoff gene    16853468        16890231        .       +
        .       ID=Smp_046690;geneID=Smp_046690
SM_V9_2 Liftoff mRNA    16853468        16855212        .       +
        .
ID=Smp_046690.3;Parent=Smp_046690;geneID=Smp_046690;product=Polyubiq
uitin;polypeptide_domain=InterPro:IPR000626,IPR019954,IPR019956,IPR0
29071 Pfam:PF00240;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    16853468        16855212        .       +
        .       Parent=Smp_046690.3
SM_V9_2 Liftoff CDS     16853546        16855147        .       +
        0       Parent=Smp_046690.3
SM_V9_2 Liftoff mRNA    16853491        16890231        .       +
        .
ID=Smp_046690.1;Parent=Smp_046690;geneID=Smp_046690;product=polyubiq
uitin C;evidence=Non-traceable Author
Statement;literature=PMID:7835692;polypeptide_domain=InterPro:IPR000
626,IPR019954,IPR019956,IPR029071
Pfam:PF00240;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    16853491        16855093        .       +
        .       Parent=Smp_046690.1
SM_V9_2 Liftoff exon    16889913        16890231        .       +
        .       Parent=Smp_046690.1
SM_V9_2 Liftoff CDS     16853546        16855093        .       +
        0       Parent=Smp_046690.1
SM_V9_2 Liftoff CDS     16889913        16890194        .       +
        0       Parent=Smp_046690.1
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SM_V9_2 Liftoff mRNA    16853518        16855194        .       +
       .
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uitin-
B;polypeptide_domain=InterPro:IPR000626,IPR019954,IPR019956,IPR02907
1 Pfam:PF00240;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    16853518        16854021        .       +
       .       Parent=Smp_046690.2
SM_V9_2 Liftoff exon    16854932        16855194        .       +
       .       Parent=Smp_046690.2
SM_V9_2 Liftoff CDS     16853546        16854021        .       +
       0       Parent=Smp_046690.2
SM_V9_2 Liftoff CDS     16854932        16854938        .       +
       1       Parent=Smp_046690.2
SM_V9_2 Liftoff gene    16918328        16969293        .       +
       .       ID=Smp_147220;geneID=Smp_147220
SM_V9_2 Liftoff mRNA    16918328        16969293        .       +
       .
ID=Smp_147220.1;Parent=Smp_147220;geneID=Smp_147220;product=Formin-
binding protein
1;polypeptide_domain=InterPro:IPR001452,IPR027267;Ontology_term=GO:0
005515
SM_V9_2 Liftoff exon    16918328        16918437        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16923747        16923862        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16923914        16924126        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16925868        16926021        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16933326        16933601        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16936649        16937173        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16953334        16953416        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16959558        16960672        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff exon    16968042        16969293        .       +
       .       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16918405        16918437        .       +
       0       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16923747        16923862        .       +
       0       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16923914        16924126        .       +
       1       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16925868        16926021        .       +
       1       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16933326        16933601        .       +
       0       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16936649        16937173        .       +
       0       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16953334        16953416        .       +
       0       Parent=Smp_147220.1
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SM_V9_2 Liftoff CDS     16959558        16960672        .       +
        1       Parent=Smp_147220.1
SM_V9_2 Liftoff CDS     16968042        16968466        .       +
        2       Parent=Smp_147220.1
SM_V9_2 iris    gene    16973814        16991101        .       -
        .
ID=Smp_147230;geneID=Smp_147230;gene_name=Smp_147230;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    16973814        16991101        .       -
        .
ID=Smp_147230.1;Parent=Smp_147230;geneID=Smp_147230;gene_name=Smp_14
7230;owner=irisadmin@local.host;orig_id=Smp_147230.1;date_last_modif
ied=2022-08-01;Name=Smp_147230.1;product=ATP-dependent DNA helicase
PIF1;date_creation=2022-07-29
SM_V9_2 iris    exon    16973814        16974072        .       -
        .       Parent=Smp_147230.1;Name=dd29e390-b109-41e6-bfdb-
f1abed2e4524
SM_V9_2 iris    exon    16976617        16976910        .       -
        .       Parent=Smp_147230.1;Name=f77792cc-fae8-4496-966b-
be6d93aff1b3
SM_V9_2 iris    exon    16977251        16977363        .       -
        .
Parent=Smp_147230.1;Name=c051e575-0b1c-428a-90a0-853843e4aba7
SM_V9_2 iris    exon    16981667        16981952        .       -
        .
Parent=Smp_147230.1;Name=6a1225a6-3067-43f1-88c5-903a7830a951
SM_V9_2 iris    exon    16987428        16987822        .       -
        .       Parent=Smp_147230.1;Name=3291b9c9-c9bd-4dd4-
a624-8800ce2d313a
SM_V9_2 iris    exon    16988646        16988912        .       -
        .       Parent=Smp_147230.1;Name=ea142ae8-c29c-4243-9e6e-
f9f83afa9679
SM_V9_2 iris    exon    16990584        16991101        .       -
        .
Parent=Smp_147230.1;Name=131d5bca-4ff6-49ad-9a60-231237d7d1d2
SM_V9_2 iris    CDS     16973905        16974072        .       -
        0       Parent=Smp_147230.1
SM_V9_2 iris    CDS     16976617        16976910        .       -
        0       Parent=Smp_147230.1
SM_V9_2 iris    CDS     16977251        16977363        .       -
        2       Parent=Smp_147230.1
SM_V9_2 iris    CDS     16981667        16981952        .       -
        0       Parent=Smp_147230.1
SM_V9_2 iris    CDS     16987428        16987822        .       -
        2       Parent=Smp_147230.1
SM_V9_2 iris    CDS     16988646        16988912        .       -
        2       Parent=Smp_147230.1
SM_V9_2 iris    CDS     16990584        16991094        .       -
        0       Parent=Smp_147230.1
SM_V9_2 iris    gene    17029584        17122136        .       +
        .
ID=Smp_147240;geneID=Smp_147240;gene_name=Smp_147240;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17029584        17122136        .       +
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        .
ID=Smp_147240.1;Parent=Smp_147240;geneID=Smp_147240;gene_name=Smp_14
7240;owner=irisadmin@local.host;orig_id=Smp_147240.1;date_last_modif
ied=2022-08-23;Name=Smp_147240.1;product=Mitogen-activated protein
kinase-binding protein 1;date_creation=2022-07-29
SM_V9_2 iris    exon    17029584        17029619        .       +
        .       Parent=Smp_147240.1;Name=92ea4e90-9a2b-4554-
bba8-05013f9abb9e
SM_V9_2 iris    exon    17030170        17030268        .       +
        .       Parent=Smp_147240.1;Name=3ce05aae-
faf1-4511-9050-7bb28002fe02
SM_V9_2 iris    exon    17032938        17033041        .       +
        .       Parent=Smp_147240.1;Name=ec9176e6-28de-40e8-
b221-6a72ec4ecaa8
SM_V9_2 iris    exon    17034681        17034801        .       +
        .
Parent=Smp_147240.1;Name=df63b8b7-709a-44b8-92c6-1225d1dfa04e
SM_V9_2 iris    exon    17043836        17044045        .       +
        .
Parent=Smp_147240.1;Name=fbce7d1d-610d-4c20-92ae-80a4cc80be11
SM_V9_2 iris    exon    17058955        17059050        .       +
        .       Parent=Smp_147240.1;Name=9e2e1380-e11e-4684-
b26f-80e8c3c54a12
SM_V9_2 iris    exon    17061894        17062289        .       +
        .       Parent=Smp_147240.1;Name=db2e98a9-766e-446f-a8d7-
f7f8d483c47f
SM_V9_2 iris    exon    17064217        17064360        .       +
        .       Parent=Smp_147240.1;Name=0ac6ecc6-adf3-4f43-
a1cc-94948de62b0b
SM_V9_2 iris    exon    17069072        17069190        .       +
        .       Parent=Smp_147240.1;Name=ba142b40-
b096-43fc-97b9-69e861138219
SM_V9_2 iris    exon    17073285        17073636        .       +
        .       Parent=Smp_147240.1;Name=bb14653f-
f4d5-4f56-8fc0-0d5cf591a2f7
SM_V9_2 iris    exon    17075320        17075386        .       +
        .       Parent=Smp_147240.1;Name=239501b9-4a49-40cd-
b562-63368955bb5f
SM_V9_2 iris    exon    17077804        17077830        .       +
        .       Parent=Smp_147240.1;Name=edc0f302-3422-4194-8cdd-
f6da3a302e33
SM_V9_2 iris    exon    17083742        17084039        .       +
        .       Parent=Smp_147240.1;Name=faabf825-5f4a-461c-
a706-1be444c0a7f8
SM_V9_2 iris    exon    17093278        17093369        .       +
        .
Parent=Smp_147240.1;Name=b2d8f82d-6c39-4750-9209-7af7eee4d50b
SM_V9_2 iris    exon    17094292        17094494        .       +
        .       Parent=Smp_147240.1;Name=e07ae50c-
fff2-4a90-8536-4465ad8f083d
SM_V9_2 iris    exon    17095684        17095972        .       +
        .       Parent=Smp_147240.1;Name=feffc168-efd0-4b44-
a829-852491651c72
SM_V9_2 iris    exon    17097320        17098127        .       +
```

```
        .       Parent=Smp_147240.1;Name=8469e6ae-1aaf-4b1b-bf9d-
a5c5a3c20aa3
SM_V9_2 iris    exon    17099085        17099310        .       +
        .
Parent=Smp_147240.1;Name=3f8d42fd-3cb5-4fae-9f0b-6592218b7066
SM_V9_2 iris    exon    17100970        17101017        .       +
        .       Parent=Smp_147240.1;Name=6d18e94a-0890-4635-
bd0b-4aa2a7795f7e
SM_V9_2 iris    exon    17101987        17102205        .       +
        .       Parent=Smp_147240.1;Name=e5e370b9-60cf-4ff8-
a8c3-4337146adcb7
SM_V9_2 iris    exon    17105260        17105718        .       +
        .       Parent=Smp_147240.1;Name=5bcab17d-be3c-4ab3-aa7e-
fec0b460f325
SM_V9_2 iris    exon    17107001        17107176        .       +
        .       Parent=Smp_147240.1;Name=5fcaecde-2341-45e8-
b705-6cc86c024b63
SM_V9_2 iris    exon    17113660        17113834        .       +
        .       Parent=Smp_147240.1;Name=e37b94cd-87d8-40b5-8105-
dbef42994024
SM_V9_2 iris    exon    17114632        17114689        .       +
        .       Parent=Smp_147240.1;Name=b0c1c6ee-94b4-4952-b40d-
a62e3b138724
SM_V9_2 iris    exon    17118299        17118429        .       +
        .
Parent=Smp_147240.1;Name=62446afc-8a4a-4dc9-9210-452683031ef9
SM_V9_2 iris    exon    17120242        17122136        .       +
        .       Parent=Smp_147240.1;Name=42303661-704d-408e-
afbb-377a5041a9c4
SM_V9_2 iris    CDS     17030215        17030268        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17032938        17033041        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17034681        17034801        .       +
        1       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17043836        17044045        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17058955        17059050        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17061894        17062289        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17064217        17064360        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17069072        17069190        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17073285        17073636        .       +
        1       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17075320        17075386        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17077804        17077830        .       +
        2       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17083742        17084039        .       +
        2       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17093278        17093369        .       +
```

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        1       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17094292        17094494        .       +
        2       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17095684        17095972        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17097320        17098127        .       +
        2       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17099085        17099310        .       +
        1       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17100970        17101017        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17101987        17102205        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17105260        17105718        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17107001        17107176        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17113660        17113834        .       +
        1       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17114632        17114689        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17118299        17118429        .       +
        2       Parent=Smp_147240.1
SM_V9_2 iris    CDS     17120242        17120901        .       +
        0       Parent=Smp_147240.1
SM_V9_2 iris    gene    17128988        17140724        .       -
        .
ID=Smp_046740;geneID=Smp_046740;gene_name=Smp_046740;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17128988        17140724        .       -
        .
ID=Smp_046740.1;Parent=Smp_046740;geneID=Smp_046740;gene_name=Smp_04
6740;owner=irisadmin@local.host;orig_id=Smp_046740.1;date_last_modif
ied=2022-08-01;Name=Smp_046740.1;product=Dihydrolipoyl
dehydrogenase, mitochondrial;date_creation=2022-07-29
SM_V9_2 iris    exon    17128988        17129952        .       -
        .       Parent=Smp_046740.1;Name=3074b993-ba11-41d7-85dd-
e52d9f3acb96
SM_V9_2 iris    exon    17131884        17132097        .       -
        .       Parent=Smp_046740.1;Name=f3f0d369-1f0c-4ce6-8e9e-
eb4f47f110cf
SM_V9_2 iris    exon    17132237        17132440        .       -
        .
Parent=Smp_046740.1;Name=cffae562-993b-4e48-9b6f-0cea3beea172
SM_V9_2 iris    exon    17136203        17136339        .       -
        .
Parent=Smp_046740.1;Name=e5edcf35-6e92-47d5-852f-261ebf4e1fec
SM_V9_2 iris    exon    17136453        17136644        .       -
        .       Parent=Smp_046740.1;Name=71e4b6c6-24cb-4306-bfbb-
fd0f634e30a2
SM_V9_2 iris    exon    17138740        17139015        .       -
        .       Parent=Smp_046740.1;Name=c4b2c08c-3272-4608-
adc8-89c5d5f6a77f
SM_V9_2 iris    exon    17140133        17140372        .       -
```

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        .       Parent=Smp_046740.1;Name=a66e0364-e62c-4d3f-a590-
d717c3ef46bf
SM_V9_2 iris    exon    17140422        17140510        .       -
        .       Parent=Smp_046740.1;Name=92da6e98-5c3f-4e2a-
b37e-1180a8100736
SM_V9_2 iris    exon    17140551        17140605        .       -
        .       Parent=Smp_046740.1;Name=4d01361d-8bfb-476b-
b9fa-70f65c44f1a3
SM_V9_2 iris    exon    17140644        17140724        .       -
        .       Parent=Smp_046740.1;Name=a002bfc9-
ba22-4d80-8929-82710663f688
SM_V9_2 iris    CDS     17129884        17129952        .       -
        0       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17131884        17132097        .       -
        1       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17132237        17132440        .       -
        1       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17136203        17136339        .       -
        0       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17136453        17136644        .       -
        0       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17138740        17139015        .       -
        0       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17140133        17140372        .       -
        0       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17140422        17140510        .       -
        2       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17140551        17140605        .       -
        0       Parent=Smp_046740.1
SM_V9_2 iris    CDS     17140644        17140661        .       -
        0       Parent=Smp_046740.1
SM_V9_2 iris    gene    17150478        17154385        .       +
        .
ID=Smp_046750;geneID=Smp_046750;gene_name=Smp_046750;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17150478        17154385        .       +
        .
ID=Smp_046750.1;Parent=Smp_046750;geneID=Smp_046750;gene_name=Smp_04
6750;owner=irisadmin@local.host;orig_id=Smp_046750.1;date_last_modif
ied=2022-08-01;Name=Smp_046750.1;product=WD repeat-containing
protein 5;date_creation=2022-07-29
SM_V9_2 iris    exon    17150478        17150507        .       +
        .       Parent=Smp_046750.1;Name=ea55b25b-70c1-4da2-8484-
c248d099ea4c
SM_V9_2 iris    exon    17152670        17152708        .       +
        .       Parent=Smp_046750.1;Name=8c9bdcc7-3db0-456c-
bfd0-2810ea955d75
SM_V9_2 iris    exon    17152745        17152841        .       +
        .       Parent=Smp_046750.1;Name=ea4ec401-b4ea-4ca8-
aecc-1104f3854f77
SM_V9_2 iris    exon    17152888        17152961        .       +
        .
Parent=Smp_046750.1;Name=e8fcb467-619c-4375-996f-1ae1a9b5d63d
SM_V9_2 iris    exon    17153015        17153194        .       +
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        .
Parent=Smp_046750.1;Name=f24e3ae0-4c80-47b7-918d-3ebaef30104b
SM_V9_2 iris    exon    17153239        17153322        .       +
        .       Parent=Smp_046750.1;Name=747d7b61-
a5f1-490d-9c36-2108e9f2f82a
SM_V9_2 iris    exon    17153364        17153419        .       +
        .       Parent=Smp_046750.1;Name=b688a2d3-2714-4677-a27a-
f44a3f4eb885
SM_V9_2 iris    exon    17153467        17153513        .       +
        .       Parent=Smp_046750.1;Name=7c3b0576-03f9-4734-
bf1f-3694abd643af
SM_V9_2 iris    exon    17153564        17153639        .       +
        .       Parent=Smp_046750.1;Name=72a09747-82a5-4b25-b931-
fd28e01da623
SM_V9_2 iris    exon    17153691        17153799        .       +
        .       Parent=Smp_046750.1;Name=6c42666a-59a1-4cd6-
a375-6af81b7cc44c
SM_V9_2 iris    exon    17153839        17153926        .       +
        .       Parent=Smp_046750.1;Name=09c7466e-a642-4501-b3fe-
c16d1a104771
SM_V9_2 iris    exon    17153972        17154385        .       +
        .       Parent=Smp_046750.1;Name=88ad50e3-016c-442b-8d97-
e08595c71b2b
SM_V9_2 iris    CDS     17152697        17152708        .       +
        0       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17152745        17152841        .       +
        0       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17152888        17152961        .       +
        2       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153015        17153194        .       +
        0       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153239        17153322        .       +
        0       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153364        17153419        .       +
        0       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153467        17153513        .       +
        1       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153564        17153639        .       +
        2       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153691        17153799        .       +
        1       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153839        17153926        .       +
        0       Parent=Smp_046750.1
SM_V9_2 iris    CDS     17153972        17154072        .       +
        2       Parent=Smp_046750.1
SM_V9_2 iris    gene    17157719        17188743        .       -
        .
ID=Smp_147250;geneID=Smp_147250;gene_name=Smp_147250;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17157719        17188743        .       -
        .
ID=Smp_147250.1;Parent=Smp_147250;geneID=Smp_147250;gene_name=Smp_14
7250;owner=irisadmin@local.host;orig_id=Smp_147250.1;date_last_modif
ied=2022-08-01;Name=Smp_147250.1;product=Multidrug resistance-
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associated protein 7;date_creation=2022-07-29
SM_V9_2 iris    exon    17157719        17158145        .       -
        .       Parent=Smp_147250.1;Name=8e526a71-3fbf-4891-
bfe5-8744c3880b20
SM_V9_2 iris    exon    17159256        17159493        .       -
        .       Parent=Smp_147250.1;Name=94de83a8-265c-4002-
a9ab-64766d898f01
SM_V9_2 iris    exon    17160474        17160598        .       -
        .       Parent=Smp_147250.1;Name=272514ac-9781-4648-a515-
fbf39d535129
SM_V9_2 iris    exon    17163934        17164293        .       -
        .       Parent=Smp_147250.1;Name=82f26114-450b-4f37-
b9af-9a8f6eed0831
SM_V9_2 iris    exon    17165335        17165505        .       -
        .       Parent=Smp_147250.1;Name=2a18acf3-e2d9-4647-85a2-
da54f55577c4
SM_V9_2 iris    exon    17167140        17167389        .       -
        .       Parent=Smp_147250.1;Name=9ea529b7-b410-4ec3-90e2-
f3d672f4d148
SM_V9_2 iris    exon    17171049        17171308        .       -
        .       Parent=Smp_147250.1;Name=590077d7-9287-4cd8-
a28d-80d724c5e964
SM_V9_2 iris    exon    17176464        17176849        .       -
        .
Parent=Smp_147250.1;Name=6ab69130-0df2-4c6d-8908-2e8c9ff14456
SM_V9_2 iris    exon    17182384        17182828        .       -
        .       Parent=Smp_147250.1;Name=9158512b-f812-457d-
bdad-0cc1c740dfee
SM_V9_2 iris    exon    17182937        17183452        .       -
        .       Parent=Smp_147250.1;Name=3b5179fa-3c2e-4a41-
a634-74e3ed5df73f
SM_V9_2 iris    exon    17184092        17184409        .       -
        .       Parent=Smp_147250.1;Name=183a1683-e0a5-425c-
a90e-109e0ce7a659
SM_V9_2 iris    exon    17185297        17185524        .       -
        .       Parent=Smp_147250.1;Name=1dacc199-
ecbd-45c3-9032-56e9b2216b9f
SM_V9_2 iris    exon    17187208        17188743        .       -
        .
Parent=Smp_147250.1;Name=88b94ef8-02ae-49f6-9c1e-423fc7cf8456
SM_V9_2 iris    CDS     17157957        17158145        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17159256        17159493        .       -
        1       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17160474        17160598        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17163934        17164293        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17165335        17165505        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17167140        17167389        .       -
        1       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17171049        17171308        .       -
        0       Parent=Smp_147250.1
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SM_V9_2 iris    CDS     17176464        17176849        .       -
        2       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17182384        17182828        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17182937        17183452        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17184092        17184409        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17185297        17185524        .       -
        0       Parent=Smp_147250.1
SM_V9_2 iris    CDS     17187208        17188383        .       -
        0       Parent=Smp_147250.1
SM_V9_2 Liftoff gene    17252461        17255305        .       +
        .       ID=Smp_147260;geneID=Smp_147260
SM_V9_2 Liftoff mRNA    17252461        17255305        .       +
        .
ID=Smp_147260.1;Parent=Smp_147260;geneID=Smp_147260;product=Ras-like
protein family member
10B;polypeptide_domain=InterPro:IPR001806,IPR020849,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0007165,GO:00160
20
SM_V9_2 Liftoff exon    17252461        17255305        .       +
        .       Parent=Smp_147260.1
SM_V9_2 Liftoff CDS     17253949        17254554        .       +
        0       Parent=Smp_147260.1
SM_V9_2 Liftoff gene    17289138        17304923        .       +
        .       ID=Smp_046780;geneID=Smp_046780
SM_V9_2 Liftoff mRNA    17289138        17304923        .       +
        .
ID=Smp_046780.1;Parent=Smp_046780;geneID=Smp_046780;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    17289138        17304923        .       +
        .       Parent=Smp_046780.1
SM_V9_2 Liftoff CDS     17304069        17304857        .       +
        0       Parent=Smp_046780.1
SM_V9_2 iris    gene    17373000        17389969        .       +
        .
ID=Smp_046790;geneID=Smp_046790;gene_name=Smp_046790;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17373000        17389969        .       +
        .
ID=Smp_046790.1;Parent=Smp_046790;geneID=Smp_046790;gene_name=Smp_04
6790;owner=irisadmin@local.host;orig_id=Smp_046790.2;date_last_modif
ied=2022-08-01;Name=Smp_046790.1;product=glucose transport
protein;date_creation=2022-07-29
SM_V9_2 iris    exon    17373000        17373037        .       +
        .
Parent=Smp_046790.1;Name=34ad0ec7-53f6-42d2-892c-970579fd6834
SM_V9_2 iris    exon    17374262        17374389        .       +
        .       Parent=Smp_046790.1;Name=0633372f-0e63-4452-b7f8-
c462d4224dba
SM_V9_2 iris    exon    17374431        17374588        .       +
        .       Parent=Smp_046790.1;Name=8ed6279a-b4ce-4e84-a7ad-
c7a9f0aae7ed
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SM_V9_2 iris    exon    17374620        17374744        .       +
        .       Parent=Smp_046790.1;Name=edd3e891-2793-4471-846a-
cdddd103d659
SM_V9_2 iris    exon    17374777        17374947        .       +
        .       Parent=Smp_046790.1;Name=203976b9-195a-4842-
a4ea-3ac7d9421b07
SM_V9_2 iris    exon    17374980        17375087        .       +
        .       Parent=Smp_046790.1;Name=7a535caf-
fffc-41e8-9ff5-1c880e784c55
SM_V9_2 iris    exon    17375129        17375316        .       +
        .       Parent=Smp_046790.1;Name=91b4b71e-2c26-4786-
a4c0-16df4629523f
SM_V9_2 iris    exon    17376580        17376874        .       +
        .       Parent=Smp_046790.1;Name=59772f72-1ce7-4bfa-8422-
c1bee91bfb6c
SM_V9_2 iris    exon    17379135        17379262        .       +
        .
Parent=Smp_046790.1;Name=135a3a64-8e5c-470f-8349-85bf178945fd
SM_V9_2 iris    exon    17386212        17386407        .       +
        .       Parent=Smp_046790.1;Name=84729ba8-
b009-4c5e-88e8-167fef0e49ff
SM_V9_2 iris    exon    17389188        17389969        .       +
        .       Parent=Smp_046790.1;Name=788494ac-3aa6-49e8-98e1-
c2d1470350e8
SM_V9_2 iris    CDS     17374291        17374389        .       +
        0       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17374431        17374588        .       +
        0       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17374620        17374744        .       +
        1       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17374777        17374947        .       +
        2       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17374980        17375087        .       +
        2       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17375129        17375316        .       +
        2       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17376580        17376874        .       +
        0       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17379135        17379262        .       +
        2       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17386212        17386407        .       +
        0       Parent=Smp_046790.1
SM_V9_2 iris    CDS     17389188        17389198        .       +
        2       Parent=Smp_046790.1
SM_V9_2 iris    gene    17403595        17414935        .       +
        .
ID=Smp_046800;geneID=Smp_046800;gene_name=Smp_046800;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17403595        17414935        .       +
        .
ID=Smp_046800.1;Parent=Smp_046800;geneID=Smp_046800;gene_name=Smp_04
6800;owner=irisadmin@local.host;orig_id=Smp_046800.1;date_last_modif
ied=2022-08-01;Name=Smp_046800.1;product=Fatty acid-binding
protein;date_creation=2022-07-29
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SM_V9_2 iris    exon    17403595        17403701        .       +
        .
Parent=Smp_046800.1;Name=966459ad-8d4a-42f4-81b8-96bfff7352b2
SM_V9_2 iris    exon    17403753        17403925        .       +
        .       Parent=Smp_046800.1;Name=59677b1f-33b9-4d8d-a321-
d12fc389a05d
SM_V9_2 iris    exon    17408322        17408426        .       +
        .       Parent=Smp_046800.1;Name=5233bbac-9c42-4f62-9fb5-
d3f6525f3767
SM_V9_2 iris    exon    17414597        17414935        .       +
        .
Parent=Smp_046800.1;Name=4a4c9874-254a-492a-9f1e-96ced502f9e1
SM_V9_2 iris    CDS     17403641        17403701        .       +
        0       Parent=Smp_046800.1
SM_V9_2 iris    CDS     17403753        17403925        .       +
        2       Parent=Smp_046800.1
SM_V9_2 iris    CDS     17408322        17408426        .       +
        0       Parent=Smp_046800.1
SM_V9_2 iris    CDS     17414597        17414647        .       +
        0       Parent=Smp_046800.1
SM_V9_2 iris    gene    17451936        17459981        .       -
        .
ID=Smp_046810;geneID=Smp_046810;gene_name=Smp_046810;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17451936        17459981        .       -
        .
ID=Smp_046810.1;Parent=Smp_046810;geneID=Smp_046810;gene_name=Smp_04
6810;owner=irisadmin@local.host;orig_id=Smp_046810.1;date_last_modif
ied=2022-08-01;Name=Smp_046810.1;product=M-phase inducer phosphatase
2;date_creation=2022-07-29
SM_V9_2 iris    exon    17451936        17453217        .       -
        .       Parent=Smp_046810.1;Name=0f89e601-1069-4284-94dd-
e60f34c525ce
SM_V9_2 iris    exon    17454894        17455230        .       -
        .
Parent=Smp_046810.1;Name=7c800afb-173b-4fb4-907e-3802d961f488
SM_V9_2 iris    exon    17455318        17455435        .       -
        .       Parent=Smp_046810.1;Name=e4503c15-bd52-4389-a779-
dc1000f5a2ea
SM_V9_2 iris    exon    17456404        17457032        .       -
        .       Parent=Smp_046810.1;Name=ae66eb4a-34ee-4b27-
ab7f-32d23e65a4fb
SM_V9_2 iris    exon    17458784        17459506        .       -
        .       Parent=Smp_046810.1;Name=4d0a6f07-0007-4327-
b98c-06d1a4333783
SM_V9_2 iris    exon    17459546        17459687        .       -
        .       Parent=Smp_046810.1;Name=19bf3dbe-
bdd7-44ae-8fff-0dab53d76965
SM_V9_2 iris    exon    17459724        17459766        .       -
        .       Parent=Smp_046810.1;Name=7df3fff7-d113-4ea6-8206-
dfa881835c6d
SM_V9_2 iris    exon    17459805        17459981        .       -
        .       Parent=Smp_046810.1;Name=649c368f-
cd18-4a3d-91af-54428f8381aa
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SM_V9_2 iris    CDS     17452628        17453217        .       -
        2       Parent=Smp_046810.1
SM_V9_2 iris    CDS     17454894        17455230        .       -
        0       Parent=Smp_046810.1
SM_V9_2 iris    CDS     17455318        17455435        .       -
        1       Parent=Smp_046810.1
SM_V9_2 iris    CDS     17456404        17457032        .       -
        0       Parent=Smp_046810.1
SM_V9_2 iris    CDS     17458784        17459506        .       -
        0       Parent=Smp_046810.1
SM_V9_2 iris    CDS     17459546        17459687        .       -
        1       Parent=Smp_046810.1
SM_V9_2 iris    CDS     17459724        17459766        .       -
        2       Parent=Smp_046810.1
SM_V9_2 iris    CDS     17459805        17459910        .       -
        0       Parent=Smp_046810.1
SM_V9_2 Liftoff gene    17466345        17514641        .       -
        .
ID=Smp_245670;geneID=Smp_245670;previous_systematic_id=Smp_147270,Sm
p_147280
SM_V9_2 Liftoff mRNA    17466345        17514641        .       -
        .
ID=Smp_245670.1;Parent=Smp_245670;geneID=Smp_245670;product=Protein
XRP2;polypeptide_domain=InterPro:IPR006599,IPR012945,IPR017901
Pfam:PF07986
SM_V9_2 Liftoff exon    17466345        17466677        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff exon    17506260        17506347        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff exon    17508107        17508345        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff exon    17511787        17511975        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff exon    17514016        17514188        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff exon    17514216        17514307        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff exon    17514342        17514456        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff exon    17514503        17514641        .       -
        .       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17466490        17466677        .       -
        2       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17506260        17506347        .       -
        0       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17508107        17508345        .       -
        2       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17511787        17511975        .       -
        2       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17514016        17514188        .       -
        1       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17514216        17514307        .       -
        0       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17514342        17514456        .       -
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        1       Parent=Smp_245670.1
SM_V9_2 Liftoff CDS     17514503        17514600        .       -
        0       Parent=Smp_245670.1
SM_V9_2 iris    gene    17528641        17539084        .       -
        .
ID=Smp_147290;geneID=Smp_147290;gene_name=Smp_147290;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    17528641        17539084        .       -
        .
ID=Smp_147290.1;Parent=Smp_147290;geneID=Smp_147290;gene_name=Smp_14
7290;owner=irisadmin@local.host;orig_id=Smp_147290.1;date_last_modif
ied=2022-08-01;Name=Smp_147290.1;product=Protein
PIH1D3;date_creation=2022-08-01
SM_V9_2 iris    exon    17528641        17528939        .       -
        .       Parent=Smp_147290.1;Name=1619454c-6a44-467c-97bc-
ed199330ac6b
SM_V9_2 iris    exon    17533065        17533150        .       -
        .
Parent=Smp_147290.1;Name=b4867ba2-3868-4f85-855c-0652cce35458
SM_V9_2 iris    exon    17536047        17536143        .       -
        .       Parent=Smp_147290.1;Name=a23dd104-c8d3-4dcc-b2bf-
ea2f435ce9c6
SM_V9_2 iris    exon    17537414        17537528        .       -
        .       Parent=Smp_147290.1;Name=c072ec0b-91c1-48c5-9cfa-
ede33049517a
SM_V9_2 iris    exon    17537579        17537639        .       -
        .
Parent=Smp_147290.1;Name=3e60fd7a-8d76-440d-993a-52fda77c9eca
SM_V9_2 iris    exon    17538987        17539084        .       -
        .       Parent=Smp_147290.1;Name=5158c79b-b76e-4021-
b817-7189fa8ce8c3
SM_V9_2 iris    CDS     17528813        17528939        .       -
        1       Parent=Smp_147290.1
SM_V9_2 iris    CDS     17533065        17533150        .       -
        0       Parent=Smp_147290.1
SM_V9_2 iris    CDS     17536047        17536143        .       -
        1       Parent=Smp_147290.1
SM_V9_2 iris    CDS     17537414        17537528        .       -
        2       Parent=Smp_147290.1
SM_V9_2 iris    CDS     17537579        17537639        .       -
        0       Parent=Smp_147290.1
SM_V9_2 iris    CDS     17538987        17539076        .       -
        0       Parent=Smp_147290.1
SM_V9_2 Liftoff gene    17541866        17548201        .       -
        .       ID=Smp_147350;geneID=Smp_147350
SM_V9_2 Liftoff mRNA    17541866        17548201        .       -
        .
ID=Smp_147350.1;Parent=Smp_147350;geneID=Smp_147350;product=UBX
domain-containing protein 11;polypeptide_domain=InterPro:IPR012989
Pfam:PF08059
SM_V9_2 Liftoff exon    17541866        17542671        .       -
        .       Parent=Smp_147350.1
SM_V9_2 Liftoff exon    17543994        17544238        .       -
        .       Parent=Smp_147350.1
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SM_V9_2 Liftoff exon    17546469        17546698        .       -
        .       Parent=Smp_147350.1
SM_V9_2 Liftoff exon    17546764        17546863        .       -
        .       Parent=Smp_147350.1
SM_V9_2 Liftoff exon    17546909        17547061        .       -
        .       Parent=Smp_147350.1
SM_V9_2 Liftoff exon    17547842        17548201        .       -
        .       Parent=Smp_147350.1
SM_V9_2 Liftoff CDS     17542020        17542671        .       -
        1       Parent=Smp_147350.1
SM_V9_2 Liftoff CDS     17543994        17544238        .       -
        0       Parent=Smp_147350.1
SM_V9_2 Liftoff CDS     17546469        17546698        .       -
        2       Parent=Smp_147350.1
SM_V9_2 Liftoff CDS     17546764        17546863        .       -
        0       Parent=Smp_147350.1
SM_V9_2 Liftoff CDS     17546909        17547061        .       -
        0       Parent=Smp_147350.1
SM_V9_2 Liftoff CDS     17547842        17548174        .       -
        0       Parent=Smp_147350.1
SM_V9_2 Liftoff gene    17549855        17550688        .       +
        .       ID=Smp_328060;geneID=Smp_328060
SM_V9_2 Liftoff mRNA    17549855        17550688        .       +
        .
ID=Smp_328060.1;Parent=Smp_328060;geneID=Smp_328060;product=UBX
domain-containing protein 11;polypeptide_domain=InterPro:IPR012989
SM_V9_2 Liftoff exon    17549855        17550189        .       +
        .       Parent=Smp_328060.1
SM_V9_2 Liftoff exon    17550235        17550334        .       +
        .       Parent=Smp_328060.1
SM_V9_2 Liftoff exon    17550400        17550688        .       +
        .       Parent=Smp_328060.1
SM_V9_2 Liftoff CDS     17550094        17550189        .       +
        0       Parent=Smp_328060.1
SM_V9_2 Liftoff CDS     17550235        17550334        .       +
        0       Parent=Smp_328060.1
SM_V9_2 Liftoff CDS     17550400        17550653        .       +
        2       Parent=Smp_328060.1
SM_V9_2 Liftoff gene    17552875        17559056        .       -
        .       ID=Smp_147340;geneID=Smp_147340
SM_V9_2 Liftoff mRNA    17552875        17559056        .       -
        .
ID=Smp_147340.1;Parent=Smp_147340;geneID=Smp_147340;product=Gamma-
tubulin complex component 3
homolog;polypeptide_domain=InterPro:IPR008042 Pfam:PF05380
SM_V9_2 Liftoff exon    17552875        17553181        .       -
        .       Parent=Smp_147340.1
SM_V9_2 Liftoff exon    17553275        17553513        .       -
        .       Parent=Smp_147340.1
SM_V9_2 Liftoff exon    17555504        17555652        .       -
        .       Parent=Smp_147340.1
SM_V9_2 Liftoff exon    17557373        17557435        .       -
        .       Parent=Smp_147340.1
SM_V9_2 Liftoff exon    17558933        17559056        .       -
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        .       Parent=Smp_147340.1
SM_V9_2 Liftoff CDS     17552875        17553181        .       -
        1       Parent=Smp_147340.1
SM_V9_2 Liftoff CDS     17553275        17553513        .       -
        0       Parent=Smp_147340.1
SM_V9_2 Liftoff CDS     17555504        17555652        .       -
        2       Parent=Smp_147340.1
SM_V9_2 Liftoff CDS     17557373        17557435        .       -
        2       Parent=Smp_147340.1
SM_V9_2 Liftoff CDS     17558933        17559056        .       -
        0       Parent=Smp_147340.1
SM_V9_2 iris    gene    17565505        17621609        .       +
        .
ID=Smp_147330;geneID=Smp_147330;gene_name=Smp_147330;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17565505        17621609        .       +
        .
ID=Smp_147330.1;Parent=Smp_147330;geneID=Smp_147330;gene_name=Smp_14
7330;owner=irisadmin@local.host;orig_id=Smp_147330.3;date_last_modif
ied=2022-08-01;Name=Smp_147330.1;product=Epidermal growth factor
receptor;date_creation=2022-07-29
SM_V9_2 iris    exon    17565505        17565603        .       +
        .       Parent=Smp_147330.1;Name=1c9cb39c-4732-4760-
a014-28d490f8dbcb
SM_V9_2 iris    exon    17565606        17565635        .       +
        .       Parent=Smp_147330.1;Name=a9c847da-75a5-40b1-a1e5-
e468a2309bf3
SM_V9_2 iris    exon    17565675        17565751        .       +
        .
Parent=Smp_147330.1;Name=16c25483-777e-4d35-9e75-610ef9219e26
SM_V9_2 iris    exon    17565783        17565878        .       +
        .       Parent=Smp_147330.1;Name=f25e44f9-
dce3-434b-8c6c-69909fd6db56
SM_V9_2 iris    exon    17565911        17565999        .       +
        .       Parent=Smp_147330.1;Name=6b772723-26fc-4a1e-
abb8-2ba75394a685
SM_V9_2 iris    exon    17570720        17571025        .       +
        .       Parent=Smp_147330.1;Name=bb83ffc5-1078-4949-9218-
fd3851716860
SM_V9_2 iris    exon    17571846        17571968        .       +
        .       Parent=Smp_147330.1;Name=4447b7cc-8325-4985-ae12-
a86d2ab3d65c
SM_V9_2 iris    exon    17576200        17576349        .       +
        .       Parent=Smp_147330.1;Name=4805958a-daa9-4fc5-
a7ed-00af1e2e4a84
SM_V9_2 iris    exon    17577741        17577926        .       +
        .       Parent=Smp_147330.1;Name=1717ed9d-a6b9-4b71-
a646-024a8464307a
SM_V9_2 iris    exon    17578763        17578944        .       +
        .       Parent=Smp_147330.1;Name=a963b94f-4a4e-430c-
a4b2-6b522b6ed995
SM_V9_2 iris    exon    17579827        17580007        .       +
        .       Parent=Smp_147330.1;Name=34412353-763f-443d-
b891-25c94fdcdc1d
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SM_V9_2 iris    exon    17581055        17581201        .       +
        .       Parent=Smp_147330.1;Name=bc3840b2-
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SM_V9_2 iris    exon    17586957        17587253        .       +
        .       Parent=Smp_147330.1;Name=2127334c-76a2-4f9c-
abdf-10152d4da8cd
SM_V9_2 iris    exon    17590409        17590723        .       +
        .       Parent=Smp_147330.1;Name=2b976a8b-eab2-4b75-8298-
f225f44573a6
SM_V9_2 iris    exon    17593842        17594180        .       +
        .       Parent=Smp_147330.1;Name=194f6fb2-34c6-4685-b51f-
f9ed62aaa646
SM_V9_2 iris    exon    17596042        17596301        .       +
        .       Parent=Smp_147330.1;Name=67ed5eab-
d0b0-44cc-9db4-42d58f5250a3
SM_V9_2 iris    exon    17604104        17604214        .       +
        .
Parent=Smp_147330.1;Name=0cfb186e-8a1d-4155-8b8b-9980e47d74ea
SM_V9_2 iris    exon    17611863        17611984        .       +
        .       Parent=Smp_147330.1;Name=b1c86c60-5a6c-4b0a-a77d-
fc716d84ff63
SM_V9_2 iris    exon    17616334        17616615        .       +
        .
Parent=Smp_147330.1;Name=91d1eb38-1948-462a-96f4-20f198ac265a
SM_V9_2 iris    exon    17619221        17619362        .       +
        .       Parent=Smp_147330.1;Name=f0cd51ae-499b-4302-
adb0-8af49e3d3ce3
SM_V9_2 iris    exon    17621178        17621609        .       +
        .       Parent=Smp_147330.1;Name=cc654ab4-e002-43b5-
a052-4d2fca44f2cc
SM_V9_2 iris    CDS     17565542        17565603        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17565606        17565635        .       +
        1       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17565675        17565751        .       +
        1       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17565783        17565878        .       +
        2       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17565911        17565999        .       +
        2       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17570720        17571025        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17571846        17571968        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17576200        17576349        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17577741        17577926        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17578763        17578944        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17579827        17580007        .       +
        1       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17581055        17581201        .       +
        0       Parent=Smp_147330.1
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SM_V9_2 iris    CDS     17586957        17587253        .       +
        0       Parent=Smp_147330.1
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        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17593842        17594180        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17596042        17596301        .       +
        0       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17604104        17604214        .       +
        1       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17611863        17611984        .       +
        1       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17616334        17616615        .       +
        2       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17619221        17619362        .       +
        2       Parent=Smp_147330.1
SM_V9_2 iris    CDS     17621178        17621532        .       +
        1       Parent=Smp_147330.1
SM_V9_2 Liftoff gene    17622806        17626778        .       -
        .       ID=Smp_046930;geneID=Smp_046930
SM_V9_2 Liftoff mRNA    17622806        17626778        .       -
        .
ID=Smp_046930.1;Parent=Smp_046930;geneID=Smp_046930;product=UDP-N-
acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa
subunit;polypeptide_domain=InterPro:IPR001440,IPR011990,IPR013026,IP
R019734,IPR029489
Pfam:PF00515,PF13181,PF13414,PF13424,PF13844;Ontology_term=GO:000551
5
SM_V9_2 Liftoff exon    17622806        17623008        .       -
        .       Parent=Smp_046930.1
SM_V9_2 Liftoff exon    17623048        17623287        .       -
        .       Parent=Smp_046930.1
SM_V9_2 Liftoff exon    17623323        17625440        .       -
        .       Parent=Smp_046930.1
SM_V9_2 Liftoff exon    17625470        17625586        .       -
        .       Parent=Smp_046930.1
SM_V9_2 Liftoff exon    17626047        17626115        .       -
        .       Parent=Smp_046930.1
SM_V9_2 Liftoff exon    17626150        17626544        .       -
        .       Parent=Smp_046930.1
SM_V9_2 Liftoff exon    17626613        17626778        .       -
        .       Parent=Smp_046930.1
SM_V9_2 Liftoff CDS     17622853        17623008        .       -
        0       Parent=Smp_046930.1
SM_V9_2 Liftoff CDS     17623048        17623287        .       -
        0       Parent=Smp_046930.1
SM_V9_2 Liftoff CDS     17623323        17625440        .       -
        0       Parent=Smp_046930.1
SM_V9_2 Liftoff CDS     17625470        17625586        .       -
        0       Parent=Smp_046930.1
SM_V9_2 Liftoff CDS     17626047        17626115        .       -
        0       Parent=Smp_046930.1
SM_V9_2 Liftoff CDS     17626150        17626544        .       -
        2       Parent=Smp_046930.1
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SM_V9_2 Liftoff CDS     17626613        17626709        .       -
        0       Parent=Smp_046930.1
SM_V9_2 Liftoff gene    17645587        17668681        .       -
        .
ID=Smp_343960;geneID=Smp_343960;previous_systematic_id=Smp_147320
SM_V9_2 Liftoff mRNA    17645587        17668681        .       -
        .
ID=Smp_343960.1;Parent=Smp_343960;geneID=Smp_343960;product=cAMP-
dependent protein kinase regulatory
subunit;polypeptide_domain=InterPro:IPR000595,IPR014710,IPR018490
SM_V9_2 Liftoff exon    17645587        17646284        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17647121        17647272        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17650402        17650648        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17654975        17655127        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17657279        17657529        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17659602        17659702        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17660310        17660432        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17662001        17662310        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17662890        17663059        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17667878        17667965        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff exon    17668016        17668681        .       -
        .       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17645829        17646284        .       -
        0       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17647121        17647272        .       -
        2       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17650402        17650648        .       -
        0       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17654975        17655127        .       -
        0       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17657279        17657529        .       -
        2       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17659602        17659702        .       -
        1       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17660310        17660432        .       -
        1       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17662001        17662310        .       -
        2       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17662890        17663059        .       -
        1       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17667878        17667965        .       -
        2       Parent=Smp_343960.1
SM_V9_2 Liftoff CDS     17668016        17668157        .       -
        0       Parent=Smp_343960.1
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SM_V9_2 Liftoff gene    17680835        17681537        .       +
        .       ID=Smp_046910;geneID=Smp_046910
SM_V9_2 Liftoff mRNA    17680835        17681537        .       +
        .
ID=Smp_046910.1;Parent=Smp_046910;geneID=Smp_046910;product=DNA
polymerase epsilon subunit
4;polypeptide_domain=InterPro:IPR003958,IPR009072
Pfam:PF00808;Ontology_term=GO:0046982
SM_V9_2 Liftoff exon    17680835        17681085        .       +
        .       Parent=Smp_046910.1
SM_V9_2 Liftoff exon    17681118        17681537        .       +
        .       Parent=Smp_046910.1
SM_V9_2 Liftoff CDS     17681046        17681085        .       +
        0       Parent=Smp_046910.1
SM_V9_2 Liftoff CDS     17681118        17681410        .       +
        2       Parent=Smp_046910.1
SM_V9_2 iris    gene    17683017        17691651        .       -
        .
ID=Smp_046900;geneID=Smp_046900;gene_name=Smp_046900;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17683017        17691651        .       -
        .
ID=Smp_046900.1;Parent=Smp_046900;geneID=Smp_046900;gene_name=Smp_04
6900;owner=irisadmin@local.host;orig_id=Smp_046900.1;date_last_modif
ied=2022-08-01;Name=Smp_046900.1;product=Seipin;date_creation=2022-0
7-29
SM_V9_2 iris    exon    17683017        17683489        .       -
        .
Parent=Smp_046900.1;Name=cf636ee3-3636-460d-865a-727d57fee4f2
SM_V9_2 iris    exon    17685368        17685502        .       -
        .       Parent=Smp_046900.1;Name=6f9b3afc-
b5b9-48c4-8609-9faccbd04890
SM_V9_2 iris    exon    17686842        17686909        .       -
        .       Parent=Smp_046900.1;Name=ec4f538e-3b41-422d-
af90-1fd23feef368
SM_V9_2 iris    exon    17687880        17687955        .       -
        .       Parent=Smp_046900.1;Name=7aa98c2f-a1de-4096-
ac32-004bcda29c21
SM_V9_2 iris    exon    17687992        17688076        .       -
        .       Parent=Smp_046900.1;Name=2f58a6b2-5ccc-41d8-939e-
c97665147241
SM_V9_2 iris    exon    17688117        17688338        .       -
        .       Parent=Smp_046900.1;Name=a6d18c78-6fb1-453a-
bd32-91022133b5e5
SM_V9_2 iris    exon    17691581        17691651        .       -
        .
Parent=Smp_046900.1;Name=bb0fbe50-93bd-41cb-8fc1-02b3e888a3a4
SM_V9_2 iris    CDS     17683166        17683489        .       -
        0       Parent=Smp_046900.1
SM_V9_2 iris    CDS     17685368        17685502        .       -
        0       Parent=Smp_046900.1
SM_V9_2 iris    CDS     17686842        17686909        .       -
        2       Parent=Smp_046900.1
SM_V9_2 iris    CDS     17687880        17687955        .       -
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        0       Parent=Smp_046900.1
SM_V9_2 iris    CDS     17687992        17688076        .       -
        1       Parent=Smp_046900.1
SM_V9_2 iris    CDS     17688117        17688304        .       -
        0       Parent=Smp_046900.1
SM_V9_2 iris    gene    17742844        17755411        .       -
        .
ID=Smp_046890;geneID=Smp_046890;gene_name=Smp_046890;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17742844        17755411        .       -
        .
ID=Smp_046890.1;Parent=Smp_046890;geneID=Smp_046890;gene_name=Smp_04
6890;owner=irisadmin@local.host;orig_id=Smp_046890.1;date_last_modif
ied=2022-08-01;Name=Smp_046890.1;product=Protein phosphatase PTC7
homolog;date_creation=2022-07-29
SM_V9_2 iris    exon    17742844        17743848        .       -
        .       Parent=Smp_046890.1;Name=5a3350c8-fb17-4a5b-9d8b-
c10d2446f79f
SM_V9_2 iris    exon    17746578        17746716        .       -
        .       Parent=Smp_046890.1;Name=540ffd94-deaf-4f37-883d-
f96798819b9c
SM_V9_2 iris    exon    17748267        17748390        .       -
        .       Parent=Smp_046890.1;Name=2eae544b-2793-45df-a3c4-
e7ad86ab0c16
SM_V9_2 iris    exon    17750758        17750956        .       -
        .
Parent=Smp_046890.1;Name=481a2469-9bc6-4197-8ffd-4a1b7154476a
SM_V9_2 iris    exon    17753794        17753973        .       -
        .       Parent=Smp_046890.1;Name=0a2a1d11-6773-470d-92ad-
e44044b82883
SM_V9_2 iris    exon    17755007        17755411        .       -
        .       Parent=Smp_046890.1;Name=d15aebc9-2fdd-41b3-
a7cc-7a43de918f5b
SM_V9_2 iris    CDS     17743556        17743848        .       -
        2       Parent=Smp_046890.1
SM_V9_2 iris    CDS     17746578        17746716        .       -
        0       Parent=Smp_046890.1
SM_V9_2 iris    CDS     17748267        17748390        .       -
        1       Parent=Smp_046890.1
SM_V9_2 iris    CDS     17750758        17750956        .       -
        2       Parent=Smp_046890.1
SM_V9_2 iris    CDS     17753794        17753973        .       -
        2       Parent=Smp_046890.1
SM_V9_2 iris    CDS     17755007        17755235        .       -
        0       Parent=Smp_046890.1
SM_V9_2 iris    gene    17760375        17788572        .       +
        .
ID=Smp_046880;geneID=Smp_046880;gene_name=Smp_046880;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-07-30
SM_V9_2 iris    mRNA    17760375        17788572        .       +
        .
ID=Smp_046880.1;Parent=Smp_046880;geneID=Smp_046880;gene_name=Smp_04
6880;owner=irisadmin@local.host;orig_id=Smp_046880.1;date_last_modif
ied=2022-08-23;Name=Smp_046880.1;product=N-acetylglucosaminyl-
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phosphatidylinositol biosynthetic protein;date_creation=2022-07-30
SM_V9_2 iris    exon    17760375        17760409        .       +
        .       Parent=Smp_046880.1;Name=140d8c47-
a7a7-435b-9056-04e8fd7f9450
SM_V9_2 iris    exon    17761580        17761815        .       +
        .       Parent=Smp_046880.1;Name=c323eb88-af8a-41e8-
b679-4e3fd4c8b581
SM_V9_2 iris    exon    17763552        17763621        .       +
        .
Parent=Smp_046880.1;Name=aa173547-08f9-4518-9a0a-163a197b6bde
SM_V9_2 iris    exon    17768014        17768182        .       +
        .
Parent=Smp_046880.1;Name=d6be6578-9a24-40e6-9ce2-6ec342e63594
SM_V9_2 iris    exon    17768232        17768354        .       +
        .
Parent=Smp_046880.1;Name=e20c2bb6-9b1f-44db-9bb2-3dfe2a1f0520
SM_V9_2 iris    exon    17770066        17770357        .       +
        .       Parent=Smp_046880.1;Name=4137044f-5151-4092-a9cb-
e08085000978
SM_V9_2 iris    exon    17771070        17771177        .       +
        .       Parent=Smp_046880.1;Name=c2e67330-6b40-49ba-
b2aa-314cc31fcc5e
SM_V9_2 iris    exon    17774165        17774271        .       +
        .
Parent=Smp_046880.1;Name=f30cdb31-6a13-4a6f-8061-898b0b912b94
SM_V9_2 iris    exon    17779907        17779989        .       +
        .       Parent=Smp_046880.1;Name=d5516e13-e1a4-4113-
a28c-590a945ab7ef
SM_V9_2 iris    exon    17782705        17782900        .       +
        .       Parent=Smp_046880.1;Name=8ecb0d2d-66e2-4696-80bd-
cc414df48c1b
SM_V9_2 iris    exon    17783980        17784215        .       +
        .       Parent=Smp_046880.1;Name=a9b2c43d-7a5e-403f-
b2bc-703f57f8f6c6
SM_V9_2 iris    exon    17786896        17786995        .       +
        .       Parent=Smp_046880.1;Name=4d918da0-6b80-4cf5-ab48-
b51de8a4cb9f
SM_V9_2 iris    exon    17788304        17788572        .       +
        .       Parent=Smp_046880.1;Name=6a72a29c-
e078-4011-89b6-810d64ff02d7
SM_V9_2 iris    CDS     17763569        17763621        .       +
        0       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17768014        17768182        .       +
        1       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17768232        17768354        .       +
        0       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17770066        17770357        .       +
        0       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17771070        17771177        .       +
        2       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17774165        17774271        .       +
        2       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17779907        17779989        .       +
        0       Parent=Smp_046880.1
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SM_V9_2 iris    CDS     17782705        17782900        .       +
        1       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17783980        17784215        .       +
        0       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17786896        17786995        .       +
        1       Parent=Smp_046880.1
SM_V9_2 iris    CDS     17788304        17788393        .       +
        0       Parent=Smp_046880.1
SM_V9_2 iris    gene    17796333        17800261        .       +
        .
ID=Smp_046870;geneID=Smp_046870;gene_name=Smp_046870;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_2 iris    mRNA    17796333        17800261        .       +
        .
ID=Smp_046870.1;Parent=Smp_046870;geneID=Smp_046870;gene_name=Smp_04
6870;owner=irisadmin@local.host;orig_id=Smp_046870.1;date_last_modif
ied=2022-08-01;Name=Smp_046870.1;product=U11/U12 small nuclear
ribonucleoprotein 25 kDa protein;date_creation=2022-07-29
SM_V9_2 iris    exon    17796333        17796486        .       +
        .
Parent=Smp_046870.1;Name=37e5aab3-59cd-4ec4-8e0f-47a3221bfd70
SM_V9_2 iris    exon    17798027        17798269        .       +
        .       Parent=Smp_046870.1;Name=8978a0d0-48f0-483b-
b9c8-5dd5b1bdc4b1
SM_V9_2 iris    exon    17799531        17800261        .       +
        .       Parent=Smp_046870.1;Name=2f7be245-d425-4931-bbaf-
d52824b28d9c
SM_V9_2 iris    CDS     17798072        17798269        .       +
        0       Parent=Smp_046870.1
SM_V9_2 iris    CDS     17799531        17799923        .       +
        0       Parent=Smp_046870.1
SM_V9_2 iris    gene    17801407        17830166        .       -
        .
ID=Smp_242110;geneID=Smp_242110;gene_name=Smp_242110;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    17801407        17830166        .       -
        .
ID=Smp_242110.1;Parent=Smp_242110;geneID=Smp_242110;gene_name=Smp_24
2110;owner=irisadmin@local.host;orig_id=Smp_242110.1;date_last_modif
ied=2022-08-23;Name=Smp_242110.1;product=Deoxynucleoside
triphosphate triphosphohydrolase SAMHD1;date_creation=2022-08-23
SM_V9_2 iris    exon    17801407        17801760        .       -
        .       Parent=Smp_242110.1;Name=abcea102-f490-4943-ba7b-
eff5e0e35330
SM_V9_2 iris    exon    17802276        17802458        .       -
        .       Parent=Smp_242110.1;Name=ca0821c8-
d15e-4ab8-9d7a-1b51ebd43410
SM_V9_2 iris    exon    17804649        17805119        .       -
        .       Parent=Smp_242110.1;Name=a0e0d1b3-6e94-4350-8d2f-
bc24d270c8f6
SM_V9_2 iris    exon    17806563        17806853        .       -
        .       Parent=Smp_242110.1;Name=357ac0a7-ed27-48a6-
acad-1c4d019c236e
SM_V9_2 iris    exon    17809591        17809623        .       -
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        .       Parent=Smp_242110.1;Name=64ca8709-cd2c-496e-
baf4-56902850778f
SM_V9_2 iris    exon    17817926        17818069        .       -
        .       Parent=Smp_242110.1;Name=d3cd5bef-5acc-4d63-8251-
bc90a3eb440c
SM_V9_2 iris    exon    17822409        17822479        .       -
        .       Parent=Smp_242110.1;Name=72224910-
b43f-4f28-9395-195e0974e992
SM_V9_2 iris    exon    17824259        17824541        .       -
        .       Parent=Smp_242110.1;Name=c47b8e9f-0304-4c5a-9f3e-
f5a6c7b9f5e0
SM_V9_2 iris    exon    17829899        17830166        .       -
        .       Parent=Smp_242110.1;Name=5fed5bdf-d0fc-4a02-
a0cd-3ebab200f37c
SM_V9_2 iris    CDS     17801608        17801760        .       -
        0       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17802276        17802458        .       -
        0       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17804649        17805119        .       -
        0       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17806563        17806853        .       -
        0       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17809591        17809623        .       -
        0       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17817926        17818069        .       -
        0       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17822409        17822479        .       -
        2       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17824259        17824541        .       -
        0       Parent=Smp_242110.1
SM_V9_2 iris    CDS     17829899        17829910        .       -
        0       Parent=Smp_242110.1
SM_V9_2 Liftoff gene    17849761        17856363        .       -
        .       ID=Smp_156730;geneID=Smp_156730
SM_V9_2 Liftoff mRNA    17849761        17856363        .       -
        .
ID=Smp_156730.1;Parent=Smp_156730;geneID=Smp_156730;product=Phosphat
idylinositol 4-kinase PIK1alpha
SM_V9_2 Liftoff exon    17849761        17849858        .       -
        .       Parent=Smp_156730.1
SM_V9_2 Liftoff exon    17851788        17851984        .       -
        .       Parent=Smp_156730.1
SM_V9_2 Liftoff exon    17852049        17852254        .       -
        .       Parent=Smp_156730.1
SM_V9_2 Liftoff exon    17856343        17856363        .       -
        .       Parent=Smp_156730.1
SM_V9_2 Liftoff CDS     17849761        17849858        .       -
        2       Parent=Smp_156730.1
SM_V9_2 Liftoff CDS     17851788        17851984        .       -
        1       Parent=Smp_156730.1
SM_V9_2 Liftoff CDS     17852049        17852254        .       -
        0       Parent=Smp_156730.1
SM_V9_2 Liftoff CDS     17856343        17856363        .       -
        0       Parent=Smp_156730.1
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SM_V9_2 Liftoff gene    17862799        17874003        .       +
        .       ID=Smp_064150;geneID=Smp_064150
SM_V9_2 Liftoff mRNA    17862799        17874003        .       +
        .
ID=Smp_064150.1;Parent=Smp_064150;geneID=Smp_064150;product=Mitochon
drial carnitine/acylcarnitine carrier
protein;polypeptide_domain=InterPro:IPR018108,IPR023395 Pfam:PF00153
SM_V9_2 Liftoff exon    17862799        17862970        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff exon    17864597        17864814        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff exon    17864851        17864941        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff exon    17865944        17866064        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff exon    17867157        17867229        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff exon    17870151        17870260        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff exon    17872689        17872813        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff exon    17873698        17874003        .       +
        .       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17862863        17862970        .       +
        0       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17864597        17864814        .       +
        0       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17864851        17864941        .       +
        1       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17865944        17866064        .       +
        0       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17867157        17867229        .       +
        2       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17870151        17870260        .       +
        1       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17872689        17872813        .       +
        2       Parent=Smp_064150.1
SM_V9_2 Liftoff CDS     17873698        17873760        .       +
        0       Parent=Smp_064150.1
SM_V9_2 Liftoff gene    17883149        17912193        .       +
        .       ID=Smp_156720;geneID=Smp_156720
SM_V9_2 Liftoff mRNA    17883149        17912193        .       +
        .
ID=Smp_156720.1;Parent=Smp_156720;geneID=Smp_156720;product=Cilia-
and flagella-associated protein
70;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13181,PF13432;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    17883149        17883254        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17883289        17883472        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17883508        17883674        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17883716        17883889        .       +
```

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        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17883924        17884054        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17884094        17884249        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17884292        17884376        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17884422        17884491        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17885628        17885689        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17888571        17888711        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17891882        17892169        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17894978        17895039        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17896873        17896938        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17896978        17897116        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17898913        17899098        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17899375        17899511        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17900814        17900929        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17902302        17902484        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17904090        17904278        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17905375        17905514        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17906800        17907318        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17908122        17908211        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17909171        17909320        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff exon    17911957        17912193        .       +
        .       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17883186        17883254        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17883289        17883472        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17883508        17883674        .       +
        2       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17883716        17883889        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17883924        17884054        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17884094        17884249        .       +
        1       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17884292        17884376        .       +
```

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        1       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17884422        17884491        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17885628        17885689        .       +
        2       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17888571        17888711        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17891882        17892169        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17894978        17895039        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17896873        17896938        .       +
        1       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17896978        17897116        .       +
        1       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17898913        17899098        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17899375        17899511        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17900814        17900929        .       +
        1       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17902302        17902484        .       +
        2       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17904090        17904278        .       +
        2       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17905375        17905514        .       +
        2       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17906800        17907318        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17908122        17908211        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17909171        17909320        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff CDS     17911957        17912061        .       +
        0       Parent=Smp_156720.1
SM_V9_2 Liftoff mRNA    17883149        17912193        .       +
        .
ID=Smp_156720.2;Parent=Smp_156720;geneID=Smp_156720;product=Cilia-
and flagella-associated protein
70;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13181,PF13432;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    17883149        17883254        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17883289        17883472        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17883508        17883674        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17883716        17883889        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17883924        17884054        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17884094        17884249        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17884292        17884376        .       +
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        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17884422        17884491        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17885628        17885689        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17888571        17888711        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17894978        17895039        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17896873        17896938        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17896978        17897116        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17898913        17899098        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17899375        17899511        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17900814        17900929        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17902302        17902484        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17904090        17904278        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17905375        17905514        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17906800        17907318        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17908122        17908211        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17909171        17909320        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff exon    17911957        17912193        .       +
        .       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17883186        17883254        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17883289        17883472        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17883508        17883674        .       +
        2       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17883716        17883889        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17883924        17884054        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17884094        17884249        .       +
        1       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17884292        17884376        .       +
        1       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17884422        17884491        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17885628        17885689        .       +
        2       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17888571        17888711        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17894978        17895039        .       +
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        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17896873        17896938        .       +
        1       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17896978        17897116        .       +
        1       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17898913        17899098        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17899375        17899511        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17900814        17900929        .       +
        1       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17902302        17902484        .       +
        2       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17904090        17904278        .       +
        2       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17905375        17905514        .       +
        2       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17906800        17907318        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17908122        17908211        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17909171        17909320        .       +
        0       Parent=Smp_156720.2
SM_V9_2 Liftoff CDS     17911957        17912061        .       +
        0       Parent=Smp_156720.2
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        .
ID=Smp_315850;geneID=Smp_315850;gene_name=Smp_315850;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    17913163        17960685        .       -
        .
ID=Smp_315850.1;Parent=Smp_315850;geneID=Smp_315850;gene_name=Smp_31
5850;owner=irisadmin@local.host;orig_id=Smp_315850.2;date_last_modif
ied=2022-08-01;Name=Smp_315850.1;product=1-phosphatidylinositol 3-
phosphate 5-kinase;date_creation=2022-07-30
SM_V9_2 iris    exon    17913163        17913830        .       -
        .       Parent=Smp_315850.1;Name=2250e3c5-3c2d-4c23-
bf8f-28d9ce3c28f3
SM_V9_2 iris    exon    17915090        17915530        .       -
        .       Parent=Smp_315850.1;Name=bb3dcb5d-f3b1-4508-
a055-1fdaea5fe3bf
SM_V9_2 iris    exon    17916884        17916987        .       -
        .       Parent=Smp_315850.1;Name=7882fb22-
c1ae-40b6-9e7f-7f57da9881f2
SM_V9_2 iris    exon    17918021        17918100        .       -
        .       Parent=Smp_315850.1;Name=a79c920a-d3f0-4340-9f71-
b8e325a050b3
SM_V9_2 iris    exon    17919465        17919561        .       -
        .       Parent=Smp_315850.1;Name=2c26b8ad-62a8-4b34-9b59-
a09fa0e00c31
SM_V9_2 iris    exon    17921368        17921529        .       -
        .       Parent=Smp_315850.1;Name=463c7fc4-333f-4396-
a409-6f31091a5b9b
SM_V9_2 iris    exon    17922197        17922348        .       -
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        .       Parent=Smp_315850.1;Name=636ef995-ebea-454f-
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SM_V9_2 iris    exon    17923363        17923464        .       -
        .
Parent=Smp_315850.1;Name=183985d7-2041-42fe-99ae-78ac9d852642
SM_V9_2 iris    exon    17924644        17925055        .       -
        .       Parent=Smp_315850.1;Name=a759f6e5-
c5aa-48a4-9754-49b0b6d1f707
SM_V9_2 iris    exon    17926020        17926678        .       -
        .       Parent=Smp_315850.1;Name=e823c23d-220c-4772-9c75-
f564c57e9dac
SM_V9_2 iris    exon    17927284        17927365        .       -
        .       Parent=Smp_315850.1;Name=09b31560-8040-41f4-933f-
a177ed591b4d
SM_V9_2 iris    exon    17927912        17928317        .       -
        .       Parent=Smp_315850.1;Name=4d2f3df9-de74-47b2-b4c4-
e9b71e51df70
SM_V9_2 iris    exon    17930261        17930369        .       -
        .       Parent=Smp_315850.1;Name=bf801fc3-3cd8-4ba7-949a-
abc672f708a5
SM_V9_2 iris    exon    17931251        17931562        .       -
        .       Parent=Smp_315850.1;Name=95457d53-
cef1-4a13-938b-46dc9cb3b793
SM_V9_2 iris    exon    17932095        17932616        .       -
        .       Parent=Smp_315850.1;Name=34eab4df-3d01-4c40-
a9b4-166002b3aca5
SM_V9_2 iris    exon    17933129        17933310        .       -
        .       Parent=Smp_315850.1;Name=b622f844-d5df-4480-8691-
e6e7e22bc1d1
SM_V9_2 iris    exon    17934198        17934725        .       -
        .       Parent=Smp_315850.1;Name=d50f841d-9213-4734-acd0-
fc9d609ecd3c
SM_V9_2 iris    exon    17936415        17936645        .       -
        .       Parent=Smp_315850.1;Name=206de4f7-ac08-40b2-
a19c-4bac9e9ae378
SM_V9_2 iris    exon    17938099        17938487        .       -
        .
Parent=Smp_315850.1;Name=e2b536a6-589d-4631-8225-49fc6a400894
SM_V9_2 iris    exon    17939615        17939780        .       -
        .       Parent=Smp_315850.1;Name=1446c496-c013-4c68-
a1e5-5f1b24601de3
SM_V9_2 iris    exon    17943213        17943353        .       -
        .
Parent=Smp_315850.1;Name=208daeb3-883e-4a77-8c3f-8aba6595a1cc
SM_V9_2 iris    exon    17944582        17944761        .       -
        .       Parent=Smp_315850.1;Name=175dc5aa-63df-45b8-942c-
fd52d9df34c0
SM_V9_2 iris    exon    17946097        17946403        .       -
        .       Parent=Smp_315850.1;Name=735d76e6-9667-4e17-b721-
ea3a90fb8709
SM_V9_2 iris    exon    17949863        17950055        .       -
        .       Parent=Smp_315850.1;Name=9e1a153e-c7df-43bd-
ae3d-685d6cc05093
SM_V9_2 iris    exon    17951152        17951398        .       -
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        .       Parent=Smp_315850.1;Name=6b670409-058d-4893-
b0d2-414c0ace64d0
SM_V9_2 iris    exon    17954555        17955483        .       -
        .       Parent=Smp_315850.1;Name=4c9c4de6-177a-44ea-
bd73-6da4f2e2b817
SM_V9_2 iris    exon    17957732        17957974        .       -
        .       Parent=Smp_315850.1;Name=916f7ab6-2763-4fe0-
ad67-9a1e2e7a3051
SM_V9_2 iris    exon    17960475        17960685        .       -
        .
Parent=Smp_315850.1;Name=03c4d2ff-35df-49dd-882e-2671daf79f0e
SM_V9_2 iris    CDS     17913462        17913830        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17915090        17915530        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17916884        17916987        .       -
        2       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17918021        17918100        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17919465        17919561        .       -
        2       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17921368        17921529        .       -
        2       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17922197        17922348        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17923363        17923464        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17924644        17925055        .       -
        2       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17926020        17926678        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17927284        17927365        .       -
        2       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17927912        17928317        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17930261        17930369        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17931251        17931562        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17932095        17932616        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17933129        17933310        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17934198        17934725        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17936415        17936645        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17938099        17938487        .       -
        2       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17939615        17939780        .       -
        0       Parent=Smp_315850.1
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SM_V9_2 iris    CDS     17943213        17943353        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17944582        17944761        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17946097        17946403        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17949863        17950055        .       -
        2       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17951152        17951398        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17952632        17952746        .       -
        1       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17954555        17955483        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17957732        17957974        .       -
        0       Parent=Smp_315850.1
SM_V9_2 iris    CDS     17960475        17960660        .       -
        0       Parent=Smp_315850.1
SM_V9_2 Liftoff gene    17985869        17986633        .       +
        .       ID=Smp_098570;geneID=Smp_098570
SM_V9_2 Liftoff mRNA    17985869        17986633        .       +
        .
ID=Smp_098570.1;Parent=Smp_098570;geneID=Smp_098570;product=Sodium/
bile acid cotransporter
SM_V9_2 Liftoff exon    17985869        17986633        .       +
        .       Parent=Smp_098570.1
SM_V9_2 Liftoff CDS     17985896        17986594        .       +
        0       Parent=Smp_098570.1
SM_V9_2 iris    gene    17992382        18001300        .       +
        .
ID=Smp_098560;geneID=Smp_098560;gene_name=Smp_098560;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    17992382        18001300        .       +
        .
ID=Smp_098560.1;Parent=Smp_098560;geneID=Smp_098560;gene_name=Smp_09
8560;owner=irisadmin@local.host;orig_id=Smp_098560.1;date_last_modif
ied=2022-08-01;Name=Smp_098560.1;product=Replicase
polyprotein;date_creation=2022-08-01
SM_V9_2 iris    exon    17992382        17992509        .       +
        .       Parent=Smp_098560.1;Name=4d967513-fae2-4ead-
ae99-36306e5dfcb2
SM_V9_2 iris    exon    17999241        17999503        .       +
        .       Parent=Smp_098560.1;Name=453e4597-4c33-4f6f-8b2b-
a874ba987c4a
SM_V9_2 iris    exon    18000442        18001300        .       +
        .       Parent=Smp_098560.1;Name=49313894-c03d-4699-
b208-4a3fc571847c
SM_V9_2 iris    CDS     17992446        17992509        .       +
        0       Parent=Smp_098560.1
SM_V9_2 iris    CDS     17999241        17999503        .       +
        2       Parent=Smp_098560.1
SM_V9_2 iris    CDS     18000442        18000603        .       +
        0       Parent=Smp_098560.1
SM_V9_2 iris    gene    18033103        18035885        .       -
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        .
ID=Smp_098550;geneID=Smp_098550;gene_name=Smp_098550;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18033103        18035885        .       -
        .
ID=Smp_098550.1;Parent=Smp_098550;geneID=Smp_098550;gene_name=Smp_09
8550;owner=irisadmin@local.host;orig_id=Smp_098550.1;date_last_modif
ied=2022-08-01;Name=Smp_098550.1;product=Transcription intermediary
factor 1-beta;date_creation=2022-07-30
SM_V9_2 iris    exon    18033103        18035885        .       -
        .       Parent=Smp_098550.1;Name=Smp_098550.1-CDS
SM_V9_2 iris    CDS     18033545        18035563        .       -
        0       Parent=Smp_098550.1
SM_V9_2 iris    gene    18054951        18133875        .       -
        .
ID=Smp_176310;geneID=Smp_176310;gene_name=Smp_176310;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18054951        18133875        .       -
        .
ID=Smp_176310.1;Parent=Smp_176310;geneID=Smp_176310;gene_name=Smp_17
6310;owner=irisadmin@local.host;orig_id=Smp_176310.1;date_last_modif
ied=2022-08-01;Name=Smp_176310.1;product=Neuronal acetylcholine
receptor subunit alpha-2;date_creation=2022-07-30
SM_V9_2 iris    exon    18054951        18057696        .       -
        .
Parent=Smp_176310.1;Name=0c48325c-8701-48b2-94fc-4b857c73662b
SM_V9_2 iris    exon    18058594        18058819        .       -
        .       Parent=Smp_176310.1;Name=f6c76458-32c1-45aa-
ba34-0361ea18e687
SM_V9_2 iris    exon    18067355        18067473        .       -
        .       Parent=Smp_176310.1;Name=53efef7d-82d5-43bb-
a04e-4ec63c124b18
SM_V9_2 iris    exon    18071834        18071920        .       -
        .
Parent=Smp_176310.1;Name=b857a647-4cea-4c3e-972c-2a485768ea08
SM_V9_2 iris    exon    18080291        18080565        .       -
        .       Parent=Smp_176310.1;Name=039b5256-40d3-40ba-b9e7-
ae401cd86621
SM_V9_2 iris    exon    18085519        18085692        .       -
        .       Parent=Smp_176310.1;Name=c9797eea-6649-4dfa-
a66e-06d5c89d67da
SM_V9_2 iris    exon    18105293        18105402        .       -
        .
Parent=Smp_176310.1;Name=ecce28ee-8c3b-4620-845a-9907396a6ac8
SM_V9_2 iris    exon    18109297        18109541        .       -
        .       Parent=Smp_176310.1;Name=b8922742-b1cb-429e-ae5d-
eb7dd1758226
SM_V9_2 iris    exon    18132988        18133875        .       -
        .       Parent=Smp_176310.1;Name=066edee5-3075-4b82-9e66-
fce1568f1b69
SM_V9_2 iris    CDS     18056561        18057696        .       -
        2       Parent=Smp_176310.1
SM_V9_2 iris    CDS     18058594        18058819        .       -
        0       Parent=Smp_176310.1
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SM_V9_2 iris    CDS     18067355        18067473        .       -
        2       Parent=Smp_176310.1
SM_V9_2 iris    CDS     18071834        18071920        .       -
        2       Parent=Smp_176310.1
SM_V9_2 iris    CDS     18080291        18080565        .       -
        1       Parent=Smp_176310.1
SM_V9_2 iris    CDS     18085519        18085692        .       -
        1       Parent=Smp_176310.1
SM_V9_2 iris    CDS     18105293        18105402        .       -
        0       Parent=Smp_176310.1
SM_V9_2 iris    CDS     18109297        18109541        .       -
        2       Parent=Smp_176310.1
SM_V9_2 iris    CDS     18132988        18133030        .       -
        0       Parent=Smp_176310.1
SM_V9_2 Liftoff gene    18212295        18303662        .       +
        .       ID=Smp_176300;geneID=Smp_176300
SM_V9_2 Liftoff mRNA    18212295        18303662        .       +
        .
ID=Smp_176300.1;Parent=Smp_176300;geneID=Smp_176300;product=Dynein
heavy chain 2,
axonemal;polypeptide_domain=InterPro:IPR003593,IPR004273,IPR011704,I
PR013594,IPR013602,IPR024317,IPR024743,IPR027417,IPR035699,IPR035706
Pfam:PF03028,PF07728,PF08385,PF08393,PF12774,PF12775,PF12777,PF12780
,PF12781;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:0016887,G
O:0030286
SM_V9_2 Liftoff exon    18212295        18212550        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18216374        18217800        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18221147        18221482        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18224030        18224218        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18225818        18225955        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18227923        18228436        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18230360        18230435        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18231219        18231498        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18232741        18232952        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18233761        18233961        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18235269        18235497        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18236915        18237181        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18238411        18238572        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18241958        18242341        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18244012        18244282        .       +
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        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18245689        18245906        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18251115        18251396        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18253679        18253918        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18256073        18256401        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18257408        18257705        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18258616        18258894        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18259577        18259913        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18260892        18261028        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18261341        18261640        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18263909        18264153        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18265496        18265694        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18266333        18266662        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18268144        18268332        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18269607        18269973        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18270853        18271020        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18272176        18272393        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18273644        18273862        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18276295        18276318        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18277523        18277668        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18278952        18279007        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18279040        18279045        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18280603        18280718        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18282248        18282439        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18284338        18284526        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18285930        18286139        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18287669        18287980        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18288597        18288949        .       +
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        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18290602        18290908        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18293870        18295012        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18296448        18296969        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18299086        18299388        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18301067        18301469        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff exon    18303342        18303662        .       +
        .       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18212523        18212550        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18216374        18217800        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18221147        18221482        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18224030        18224218        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18225818        18225955        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18227923        18228436        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18230360        18230435        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18231219        18231498        .       +
        1       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18232741        18232952        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18233761        18233961        .       +
        1       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18235269        18235497        .       +
        1       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18236915        18237181        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18238411        18238572        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18241958        18242341        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18244012        18244282        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18245689        18245906        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18251115        18251396        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18253679        18253918        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18256073        18256401        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18257408        18257705        .       +
        1       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18258616        18258894        .       +
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        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18259577        18259913        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18260892        18261028        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18261341        18261640        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18263909        18264153        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18265496        18265694        .       +
        1       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18266333        18266662        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18268144        18268332        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18269607        18269973        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18270853        18271020        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18272176        18272393        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18273644        18273862        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18276295        18276318        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18277523        18277668        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18278952        18279007        .       +
        1       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18279040        18279045        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18280603        18280718        .       +
        2       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18282248        18282439        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18284338        18284526        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18285930        18286139        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18287669        18287980        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18288597        18288949        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18290602        18290908        .       +
        1       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18293870        18295012        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18296448        18296969        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18299086        18299388        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18301067        18301469        .       +
        0       Parent=Smp_176300.1
SM_V9_2 Liftoff CDS     18303342        18303496        .       +
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        2       Parent=Smp_176300.1
SM_V9_2 Liftoff gene    18311214        18322681        .       -
        .       ID=Smp_176290;geneID=Smp_176290
SM_V9_2 Liftoff mRNA    18311214        18322681        .       -
        .
ID=Smp_176290.1;Parent=Smp_176290;geneID=Smp_176290;product=Tyrosine
--tRNA ligase,
mitochondrial;polypeptide_domain=InterPro:IPR002305,IPR002307,IPR014
729
Pfam:PF00579;Ontology_term=GO:0000166,GO:0004812,GO:0004831,GO:00055
24,GO:0005737,GO:0006418,GO:0006437
SM_V9_2 Liftoff exon    18311214        18311751        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18312778        18313227        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18313968        18314034        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18317884        18318113        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18320570        18320648        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18320685        18320799        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18322002        18322288        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18322326        18322476        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff exon    18322515        18322681        .       -
        .       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18311702        18311751        .       -
        2       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18312778        18313227        .       -
        2       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18313968        18314034        .       -
        0       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18317884        18318113        .       -
        2       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18320570        18320648        .       -
        0       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18320685        18320799        .       -
        1       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18322002        18322288        .       -
        0       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18322326        18322476        .       -
        1       Parent=Smp_176290.1
SM_V9_2 Liftoff CDS     18322515        18322645        .       -
        0       Parent=Smp_176290.1
SM_V9_2 iris    gene    18332255        18353792        .       +
        .
ID=Smp_144870;geneID=Smp_144870;gene_name=Smp_144870;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18332255        18353792        .       +
        .
ID=Smp_144870.1;Parent=Smp_144870;geneID=Smp_144870;gene_name=Smp_14
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4870;owner=irisadmin@local.host;orig_id=Smp_144870.1;date_last_modif
ied=2022-08-01;Name=Smp_144870.1;product=WD repeat-containing
protein 37;date_creation=2022-07-30
SM_V9_2 iris    exon    18332255        18332354        .       +
        .       Parent=Smp_144870.1;Name=21a2c64e-43f1-447f-b34e-
d16a20a3e4d5
SM_V9_2 iris    exon    18340259        18341087        .       +
        .       Parent=Smp_144870.1;Name=f5d9d053-b5fa-45ac-81b8-
ca832ccc6396
SM_V9_2 iris    exon    18343302        18343367        .       +
        .       Parent=Smp_144870.1;Name=ccfcebbd-9c05-428f-
a861-27ca150f4241
SM_V9_2 iris    exon    18346624        18347056        .       +
        .       Parent=Smp_144870.1;Name=df983a1d-3dc5-42b8-
a7e2-0ab30526cbf4
SM_V9_2 iris    exon    18348452        18348708        .       +
        .       Parent=Smp_144870.1;Name=b2eed193-f943-4033-8a58-
fac4ec0604d0
SM_V9_2 iris    exon    18349676        18349762        .       +
        .       Parent=Smp_144870.1;Name=c14c74d1-858c-40e5-80a4-
bbc523660993
SM_V9_2 iris    exon    18349893        18350295        .       +
        .       Parent=Smp_144870.1;Name=afb94eb8-36f9-4146-
a293-225531535cc8
SM_V9_2 iris    exon    18350421        18350823        .       +
        .       Parent=Smp_144870.1;Name=1d795344-d5f0-4211-879a-
e74c798141e7
SM_V9_2 iris    exon    18353182        18353792        .       +
        .       Parent=Smp_144870.1;Name=9a1d2943-404a-4501-
bb19-2a3fba2d0c44
SM_V9_2 iris    CDS     18340799        18341087        .       +
        0       Parent=Smp_144870.1
SM_V9_2 iris    CDS     18343302        18343367        .       +
        2       Parent=Smp_144870.1
SM_V9_2 iris    CDS     18346624        18347056        .       +
        2       Parent=Smp_144870.1
SM_V9_2 iris    CDS     18348452        18348708        .       +
        1       Parent=Smp_144870.1
SM_V9_2 iris    CDS     18349676        18349762        .       +
        2       Parent=Smp_144870.1
SM_V9_2 iris    CDS     18349893        18350295        .       +
        2       Parent=Smp_144870.1
SM_V9_2 iris    CDS     18350421        18350823        .       +
        1       Parent=Smp_144870.1
SM_V9_2 iris    CDS     18353182        18353298        .       +
        0       Parent=Smp_144870.1
SM_V9_2 Liftoff gene    18371495        18379264        .       +
        .       ID=Smp_328070;geneID=Smp_328070
SM_V9_2 Liftoff mRNA    18371495        18379264        .       +
        .
ID=Smp_328070.1;Parent=Smp_328070;geneID=Smp_328070;product=Uncharac
terized protein C11orf65 homolog
SM_V9_2 Liftoff exon    18371495        18379264        .       +
        .       Parent=Smp_328070.1
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SM_V9_2 Liftoff CDS     18376318        18376608        .       +
        0       Parent=Smp_328070.1
SM_V9_2 Liftoff gene    18414421        18443301        .       -
        .       ID=Smp_041700;geneID=Smp_041700
SM_V9_2 Liftoff mRNA    18414421        18443301        .       -
        .
ID=Smp_041700.1;Parent=Smp_041700;geneID=Smp_041700;product=Rhodopsi
n (Fragment);polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_2 Liftoff exon    18414421        18443301        .       -
        .       Parent=Smp_041700.1
SM_V9_2 Liftoff CDS     18441867        18442970        .       -
        0       Parent=Smp_041700.1
SM_V9_2 iris    gene    18536534        18643723        .       +
        .
ID=Smp_245680;geneID=Smp_245680;gene_name=Smp_245680;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18536534        18643723        .       +
        .
ID=Smp_245680.1;Parent=Smp_245680;geneID=Smp_245680;gene_name=Smp_24
5680;owner=irisadmin@local.host;orig_id=Smp_245680.1;date_last_modif
ied=2022-08-01;Name=Smp_245680.1;product=Irregular chiasm C-roughest
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    18536534        18536936        .       +
        .       Parent=Smp_245680.1;Name=ef63644a-6f0a-48cf-83cc-
f515f58ff88f
SM_V9_2 iris    exon    18577851        18578123        .       +
        .       Parent=Smp_245680.1;Name=64c97e15-07ae-4262-9115-
a815f3b5d51c
SM_V9_2 iris    exon    18593408        18593524        .       +
        .       Parent=Smp_245680.1;Name=281ec7ab-6284-40ac-873b-
d14763cd5018
SM_V9_2 iris    exon    18611375        18611654        .       +
        .       Parent=Smp_245680.1;Name=1b2028cc-014f-4152-827f-
db6206758dce
SM_V9_2 iris    exon    18621014        18621147        .       +
        .
Parent=Smp_245680.1;Name=02b66ac9-8bdb-4777-80ba-656b1f809267
SM_V9_2 iris    exon    18622160        18622277        .       +
        .       Parent=Smp_245680.1;Name=042c76ab-040d-4958-8575-
f7679d274ce7
SM_V9_2 iris    exon    18625141        18625286        .       +
        .       Parent=Smp_245680.1;Name=f8ddb5ff-8e69-475d-bd87-
a112388c075f
SM_V9_2 iris    exon    18626704        18626961        .       +
        .       Parent=Smp_245680.1;Name=838d57e9-6d25-41ca-98a0-
acf7b3bbc933
SM_V9_2 iris    exon    18634533        18634680        .       +
        .       Parent=Smp_245680.1;Name=7310ba86-7329-4032-a6da-
fdc830474e23
SM_V9_2 iris    exon    18636950        18637098        .       +
        .       Parent=Smp_245680.1;Name=bbca6054-234f-4f08-b9c8-
c1d9520d59e3
SM_V9_2 iris    exon    18637200        18637319        .       +
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        .       Parent=Smp_245680.1;Name=63565de6-8cd5-4ac6-
bab0-682bb536035a
SM_V9_2 iris    exon    18639167        18639348        .       +
        .       Parent=Smp_245680.1;Name=210d6ae0-0866-4e56-
a927-9938062f5431
SM_V9_2 iris    exon    18641588        18641664        .       +
        .       Parent=Smp_245680.1;Name=d54fc539-d591-419d-
a6f7-484acc3f880d
SM_V9_2 iris    exon    18642863        18643723        .       +
        .       Parent=Smp_245680.1;Name=17e17b41-
c2d7-4132-9754-1c5bde183b5d
SM_V9_2 iris    CDS     18536876        18536936        .       +
        0       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18577851        18578123        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18593408        18593524        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18611375        18611654        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18621014        18621147        .       +
        1       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18622160        18622277        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18625141        18625286        .       +
        1       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18626704        18626961        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18634533        18634680        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18636950        18637098        .       +
        1       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18637200        18637319        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18639167        18639348        .       +
        2       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18641588        18641664        .       +
        0       Parent=Smp_245680.1
SM_V9_2 iris    CDS     18642863        18643490        .       +
        1       Parent=Smp_245680.1
SM_V9_2 Liftoff gene    18647963        18648375        .       -
        .       ID=Smp_328080;geneID=Smp_328080
SM_V9_2 Liftoff mRNA    18647963        18648375        .       -
        .
ID=Smp_328080.1;Parent=Smp_328080;geneID=Smp_328080;product=BBSome-
interacting protein 1;polypeptide_domain=InterPro:IPR028233
Pfam:PF14777;Ontology_term=GO:0034464,GO:0060271
SM_V9_2 Liftoff exon    18647963        18648375        .       -
        .       Parent=Smp_328080.1
SM_V9_2 Liftoff CDS     18648044        18648235        .       -
        0       Parent=Smp_328080.1
SM_V9_2 Liftoff gene    18650785        18657555        .       -
        .       ID=Smp_104370;geneID=Smp_104370
SM_V9_2 Liftoff mRNA    18650785        18657555        .       -
        .
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ID=Smp_104370.1;Parent=Smp_104370;geneID=Smp_104370;product=DNA
repair protein XRCC2 homolog
SM_V9_2 Liftoff exon    18650785        18651288        .       -
        .       Parent=Smp_104370.1
SM_V9_2 Liftoff exon    18651324        18651662        .       -
        .       Parent=Smp_104370.1
SM_V9_2 Liftoff exon    18657458        18657555        .       -
        .       Parent=Smp_104370.1
SM_V9_2 Liftoff CDS     18650824        18651288        .       -
        0       Parent=Smp_104370.1
SM_V9_2 Liftoff CDS     18651324        18651662        .       -
        0       Parent=Smp_104370.1
SM_V9_2 Liftoff CDS     18657458        18657496        .       -
        0       Parent=Smp_104370.1
SM_V9_2 iris    gene    18663299        18665814        .       +
        .
ID=Smp_180430;geneID=Smp_180430;gene_name=Smp_180430;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    18663299        18665814        .       +
        .
ID=Smp_180430.1;Parent=Smp_180430;geneID=Smp_180430;gene_name=Smp_18
0430;owner=irisadmin@local.host;orig_id=Smp_180430.1;date_last_modif
ied=2022-08-01;Name=Smp_180430.1;product=EF-hand calcium-binding
domain-containing protein 2;date_creation=2022-08-01
SM_V9_2 iris    exon    18663299        18663392        .       +
        .       Parent=Smp_180430.1;Name=f0788c4f-1d7d-4761-855b-
b77e78715f9e
SM_V9_2 iris    exon    18665115        18665260        .       +
        .       Parent=Smp_180430.1;Name=f1791252-455d-434c-8a7d-
a4225110740b
SM_V9_2 iris    exon    18665298        18665377        .       +
        .       Parent=Smp_180430.1;Name=60fd172c-7974-4135-9cd0-
eb99578a83f5
SM_V9_2 iris    exon    18665410        18665519        .       +
        .       Parent=Smp_180430.1;Name=993e22de-0ff1-4c8f-af83-
cc6277e6e824
SM_V9_2 iris    exon    18665554        18665814        .       +
        .       Parent=Smp_180430.1;Name=a4d33152-1c12-4e33-939f-
c4d5ec91feac
SM_V9_2 iris    CDS     18663356        18663392        .       +
        0       Parent=Smp_180430.1
SM_V9_2 iris    CDS     18665115        18665260        .       +
        2       Parent=Smp_180430.1
SM_V9_2 iris    CDS     18665298        18665377        .       +
        0       Parent=Smp_180430.1
SM_V9_2 iris    CDS     18665410        18665519        .       +
        1       Parent=Smp_180430.1
SM_V9_2 iris    CDS     18665554        18665678        .       +
        2       Parent=Smp_180430.1
SM_V9_2 iris    gene    18665819        18688475        .       -
        .
ID=Smp_346650;geneID=Smp_346650;gene_name=Smp_346650;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18665819        18688475        .       -
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        .
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6650;owner=irisadmin@local.host;orig_id=Smp_346650.1;date_last_modif
ied=2022-08-01;Name=Smp_346650.1;product=Transcription elongation
factor SPT6;date_creation=2022-07-30
SM_V9_2 iris    exon    18665819        18666328        .       -
        .       Parent=Smp_346650.1;Name=7e6c9602-2390-4391-8009-
b5d85cd19a1d
SM_V9_2 iris    exon    18667429        18667650        .       -
        .       Parent=Smp_346650.1;Name=013db144-03cd-42c9-
aadd-72cebd813f45
SM_V9_2 iris    exon    18669127        18669185        .       -
        .       Parent=Smp_346650.1;Name=3ab66bb1-9ff1-4497-936e-
d8d32b454688
SM_V9_2 iris    exon    18669188        18669356        .       -
        .       Parent=Smp_346650.1;Name=7d4ab740-a634-4188-
ba67-5e44d76cb210
SM_V9_2 iris    exon    18669527        18669748        .       -
        .       Parent=Smp_346650.1;Name=e0e36933-
fe8c-4dd3-8019-399b062f4176
SM_V9_2 iris    exon    18669865        18670219        .       -
        .       Parent=Smp_346650.1;Name=04dff9b1-c6d7-4a2e-b4d0-
a06dc6958ec0
SM_V9_2 iris    exon    18671716        18671990        .       -
        .       Parent=Smp_346650.1;Name=6f81e1bb-1cc1-4c3b-
a15d-728883805412
SM_V9_2 iris    exon    18675468        18675989        .       -
        .
Parent=Smp_346650.1;Name=952964f6-290f-4079-90ca-83502166d448
SM_V9_2 iris    exon    18676122        18676463        .       -
        .       Parent=Smp_346650.1;Name=535c42f2-cca8-4826-a957-
c6606810c617
SM_V9_2 iris    exon    18678753        18678995        .       -
        .
Parent=Smp_346650.1;Name=1fb9bd2e-0c6d-4b48-823c-596ebde50890
SM_V9_2 iris    exon    18680718        18681260        .       -
        .       Parent=Smp_346650.1;Name=fa689769-7d79-4479-8ce5-
f9d3b577b658
SM_V9_2 iris    exon    18681342        18681453        .       -
        .       Parent=Smp_346650.1;Name=77c8ffba-65ba-4d27-a9bb-
b69e7fcf4aea
SM_V9_2 iris    exon    18681490        18681748        .       -
        .
Parent=Smp_346650.1;Name=a0871b2f-7982-4a67-8e5c-170803b7cfa5
SM_V9_2 iris    exon    18681751        18681781        .       -
        .       Parent=Smp_346650.1;Name=d10caaf1-2666-4e8d-86b3-
ca5730af5c52
SM_V9_2 iris    exon    18681817        18682313        .       -
        .       Parent=Smp_346650.1;Name=5f9585f5-ae6f-42de-b68d-
bafa38692d73
SM_V9_2 iris    exon    18683748        18683967        .       -
        .       Parent=Smp_346650.1;Name=4af52c14-19ae-43ca-
b921-606a40b77bdb
SM_V9_2 iris    exon    18685507        18685511        .       -
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        .       Parent=Smp_346650.1;Name=be2f00e1-9f32-4137-
b79a-50619ebd785d
SM_V9_2 iris    exon    18685514        18685974        .       -
        .       Parent=Smp_346650.1;Name=c11c5206-4361-4826-97ab-
a324e2197a42
SM_V9_2 iris    exon    18688418        18688475        .       -
        .       Parent=Smp_346650.1;Name=9abf6a4c-1707-46a5-
aea2-6144c50d88f8
SM_V9_2 iris    CDS     18666062        18666328        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18667429        18667650        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18669127        18669185        .       -
        2       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18669188        18669356        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18669527        18669748        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18669865        18670219        .       -
        1       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18671716        18671990        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18675468        18675989        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18676122        18676463        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18678753        18678995        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18680718        18681260        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18681342        18681453        .       -
        1       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18681490        18681748        .       -
        2       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18681751        18681781        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18681817        18682313        .       -
        2       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18683748        18683967        .       -
        0       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18685507        18685511        .       -
        2       Parent=Smp_346650.1
SM_V9_2 iris    CDS     18685514        18685856        .       -
        0       Parent=Smp_346650.1
SM_V9_2 Liftoff gene    18697879        18705725        .       +
        .       ID=Smp_104330;geneID=Smp_104330
SM_V9_2 Liftoff mRNA    18697879        18705725        .       +
        .
ID=Smp_104330.1;Parent=Smp_104330;geneID=Smp_104330;product=Dihydrol
ipoyllysine-residue succinyltransferase component of 2-oxoglutarate
dehydrogenase complex,
mitochondrial(Fragment);polypeptide_domain=InterPro:IPR000089,IPR001
078,IPR003016,IPR006255,IPR011053
Pfam:PF00198,PF00364;Ontology_term=GO:0004149,GO:0006099,GO:0008152,
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GO:0016746,GO:0045252
SM_V9_2 Liftoff exon    18697879        18698033        .       +
        .       Parent=Smp_104330.1
SM_V9_2 Liftoff exon    18703931        18705725        .       +
        .       Parent=Smp_104330.1
SM_V9_2 Liftoff CDS     18697906        18698033        .       +
        0       Parent=Smp_104330.1
SM_V9_2 Liftoff CDS     18703931        18705077        .       +
        1       Parent=Smp_104330.1
SM_V9_2 Liftoff gene    18737329        18752455        .       -
        .       ID=Smp_328090;geneID=Smp_328090
SM_V9_2 Liftoff mRNA    18737329        18752455        .       -
        .
ID=Smp_328090.1;Parent=Smp_328090;geneID=Smp_328090;product=UPF0145
protein lse_0194
SM_V9_2 Liftoff exon    18737329        18738049        .       -
        .       Parent=Smp_328090.1
SM_V9_2 Liftoff exon    18749630        18752455        .       -
        .       Parent=Smp_328090.1
SM_V9_2 Liftoff CDS     18737952        18738049        .       -
        2       Parent=Smp_328090.1
SM_V9_2 Liftoff CDS     18749630        18749765        .       -
        0       Parent=Smp_328090.1
SM_V9_2 Liftoff gene    18806897        18828185        .       -
        .       ID=Smp_124450;geneID=Smp_124450
SM_V9_2 Liftoff mRNA    18806897        18828185        .       -
        .
ID=Smp_124450.1;Parent=Smp_124450;geneID=Smp_124450;product=Bone
morphogenetic protein receptor
type-1A;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR008271,IP
R011009,IPR017441
Pfam:PF07714;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    18806897        18808035        .       -
        .       Parent=Smp_124450.1
SM_V9_2 Liftoff exon    18814298        18814532        .       -
        .       Parent=Smp_124450.1
SM_V9_2 Liftoff exon    18816241        18816714        .       -
        .       Parent=Smp_124450.1
SM_V9_2 Liftoff exon    18817387        18817838        .       -
        .       Parent=Smp_124450.1
SM_V9_2 Liftoff exon    18824663        18825127        .       -
        .       Parent=Smp_124450.1
SM_V9_2 Liftoff exon    18826937        18828185        .       -
        .       Parent=Smp_124450.1
SM_V9_2 Liftoff CDS     18807662        18808035        .       -
        2       Parent=Smp_124450.1
SM_V9_2 Liftoff CDS     18814298        18814532        .       -
        0       Parent=Smp_124450.1
SM_V9_2 Liftoff CDS     18816241        18816714        .       -
        0       Parent=Smp_124450.1
SM_V9_2 Liftoff CDS     18817387        18817838        .       -
        2       Parent=Smp_124450.1
SM_V9_2 Liftoff CDS     18824663        18825127        .       -
        2       Parent=Smp_124450.1
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SM_V9_2 Liftoff CDS     18826937        18828056        .       -
        0       Parent=Smp_124450.1
SM_V9_2 iris    gene    18837199        18862771        .       +
        .
ID=Smp_124440;geneID=Smp_124440;gene_name=Smp_124440;owner=irisadmin
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SM_V9_2 iris    mRNA    18837199        18862771        .       +
        .
ID=Smp_124440.1;Parent=Smp_124440;geneID=Smp_124440;gene_name=Smp_12
4440;owner=irisadmin@local.host;orig_id=Smp_124440.1;date_last_modif
ied=2022-08-01;Name=Smp_124440.1;product=Putative glycerol kinase
5;date_creation=2022-08-01
SM_V9_2 iris    exon    18837199        18837396        .       +
        .       Parent=Smp_124440.1;Name=ad25dbc9-
af50-4452-9cf5-3d88a4c1576e
SM_V9_2 iris    exon    18837869        18837973        .       +
        .       Parent=Smp_124440.1;Name=7d460abb-
ad00-4f2a-8e93-237ed58e36bd
SM_V9_2 iris    exon    18839892        18839985        .       +
        .       Parent=Smp_124440.1;Name=8e8670ee-b365-49de-
aedb-1b311f4a07fd
SM_V9_2 iris    exon    18840019        18840094        .       +
        .       Parent=Smp_124440.1;Name=ef0e0986-aa15-4b94-80c5-
dec240430489
SM_V9_2 iris    exon    18840131        18840224        .       +
        .       Parent=Smp_124440.1;Name=6320e7b8-09bd-4a30-
b8dc-091f21f9b881
SM_V9_2 iris    exon    18841958        18842089        .       +
        .       Parent=Smp_124440.1;Name=18b2bda6-dff3-4081-b61b-
b4cb10166d58
SM_V9_2 iris    exon    18846771        18846908        .       +
        .
Parent=Smp_124440.1;Name=672f3ed3-56bc-4dfa-80b4-2778aec15b92
SM_V9_2 iris    exon    18848030        18848103        .       +
        .       Parent=Smp_124440.1;Name=2e99e187-a561-4e48-86b0-
abd324a3a9a9
SM_V9_2 iris    exon    18849869        18850074        .       +
        .       Parent=Smp_124440.1;Name=2c29da23-6bd6-4a78-
acd2-2c1840206972
SM_V9_2 iris    exon    18852264        18852470        .       +
        .       Parent=Smp_124440.1;Name=cdb49f58-764f-4041-8898-
b2d63e740d46
SM_V9_2 iris    exon    18855941        18855997        .       +
        .       Parent=Smp_124440.1;Name=e5bde0cd-638b-4679-
a784-1de2e9b61ea9
SM_V9_2 iris    exon    18857248        18857493        .       +
        .       Parent=Smp_124440.1;Name=61bddc4a-
bfa5-42a6-891b-45b2d75d27a8
SM_V9_2 iris    exon    18859323        18859478        .       +
        .       Parent=Smp_124440.1;Name=949949d6-2def-44f5-
afcc-1a2c29082c22
SM_V9_2 iris    exon    18862250        18862771        .       +
        .       Parent=Smp_124440.1;Name=f32e1691-c532-43d9-bd31-
dcd8f59ab3b3
```

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SM_V9_2 iris    CDS     18837355        18837396        .       +
        0       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18837869        18837973        .       +
        0       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18839892        18839985        .       +
        0       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18840019        18840094        .       +
        2       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18840131        18840224        .       +
        1       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18841958        18842089        .       +
        0       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18846771        18846908        .       +
        0       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18848030        18848103        .       +
        0       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18849869        18850074        .       +
        1       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18852264        18852470        .       +
        2       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18855941        18855997        .       +
        2       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18857248        18857493        .       +
        2       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18859323        18859478        .       +
        2       Parent=Smp_124440.1
SM_V9_2 iris    CDS     18862250        18862509        .       +
        2       Parent=Smp_124440.1
SM_V9_2 iris    gene    18886428        18891435        .       -
        .
ID=Smp_004260;geneID=Smp_004260;gene_name=Smp_004260;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18886428        18891435        .       -
        .
ID=Smp_004260.1;Parent=Smp_004260;geneID=Smp_004260;gene_name=Smp_00
4260;owner=irisadmin@local.host;orig_id=Smp_004260.1;date_last_modif
ied=2022-08-01;Name=Smp_004260.1;product=E2F-associated
phosphoprotein;date_creation=2022-07-30
SM_V9_2 iris    exon    18886428        18887135        .       -
        .
Parent=Smp_004260.1;Name=fa64c674-61b6-4f23-91cd-8a2ef987da0a
SM_V9_2 iris    exon    18888369        18888528        .       -
        .       Parent=Smp_004260.1;Name=f26e2d1c-e6f9-4d01-
a19e-5f573dfefa6d
SM_V9_2 iris    exon    18888573        18888769        .       -
        .       Parent=Smp_004260.1;Name=bf9c29d2-71f3-4413-929e-
ff297c3139f8
SM_V9_2 iris    exon    18888818        18888871        .       -
        .       Parent=Smp_004260.1;Name=f3bc7dbc-a8d2-468c-973a-
bd603cec5420
SM_V9_2 iris    exon    18891238        18891435        .       -
        .       Parent=Smp_004260.1;Name=c405fc59-1f6e-425b-9933-
c48d8273e347
SM_V9_2 iris    CDS     18886880        18887135        .       -
```

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        1       Parent=Smp_004260.1
SM_V9_2 iris    CDS     18888369        18888528        .       -
        2       Parent=Smp_004260.1
SM_V9_2 iris    CDS     18888573        18888769        .       -
        1       Parent=Smp_004260.1
SM_V9_2 iris    CDS     18888818        18888867        .       -
        0       Parent=Smp_004260.1
SM_V9_2 Liftoff gene    18912129        18927113        .       +
        .       ID=Smp_124430;geneID=Smp_124430
SM_V9_2 Liftoff mRNA    18912129        18927113        .       +
        .
ID=Smp_124430.1;Parent=Smp_124430;geneID=Smp_124430;product=Coatomer
subunit
beta;polypeptide_domain=InterPro:IPR002553,IPR011710,IPR011989,IPR01
6024,IPR016460,IPR029446
Pfam:PF01602,PF07718,PF14806;Ontology_term=GO:0005198,GO:0005488,GO:
0005737,GO:0006886,GO:0016192,GO:0030117,GO:0030126
SM_V9_2 Liftoff exon    18912129        18914404        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18914442        18914724        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18914766        18915049        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18917060        18917290        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18920129        18920321        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18921570        18921892        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18922654        18922968        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18923941        18924165        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18925049        18925234        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18925406        18925669        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff exon    18926695        18927113        .       +
        .       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18913709        18914404        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18914442        18914724        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18914766        18915049        .       +
        2       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18917060        18917290        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18920129        18920321        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18921570        18921892        .       +
        2       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18922654        18922968        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18923941        18924165        .       +
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        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18925049        18925234        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18925406        18925669        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff CDS     18926695        18926841        .       +
        0       Parent=Smp_124430.1
SM_V9_2 Liftoff gene    18929489        18931916        .       +
        .       ID=Smp_124420;geneID=Smp_124420
SM_V9_2 Liftoff mRNA    18929489        18931916        .       +
        .
ID=Smp_124420.1;Parent=Smp_124420;geneID=Smp_124420;product=Angioten
sin-converting enzyme
SM_V9_2 Liftoff exon    18929489        18929491        .       +
        .       Parent=Smp_124420.1
SM_V9_2 Liftoff exon    18931740        18931916        .       +
        .       Parent=Smp_124420.1
SM_V9_2 Liftoff CDS     18929489        18929491        .       +
        0       Parent=Smp_124420.1
SM_V9_2 Liftoff CDS     18931740        18931916        .       +
        0       Parent=Smp_124420.1
SM_V9_2 Liftoff gene    18940219        18948748        .       +
        .
ID=Smp_342050;geneID=Smp_342050;previous_systematic_id=Smp_124410
SM_V9_2 Liftoff mRNA    18940219        18948748        .       +
        .
ID=Smp_342050.1;Parent=Smp_342050;geneID=Smp_342050;product=Fatty
acid amide hydrolase 1;polypeptide_domain=InterPro:IPR023631
Pfam:PF01425
SM_V9_2 Liftoff exon    18940219        18948748        .       +
        .       Parent=Smp_342050.1
SM_V9_2 Liftoff CDS     18946263        18948170        .       +
        0       Parent=Smp_342050.1
SM_V9_2 iris    gene    18956859        18965413        .       +
        .
ID=Smp_167750;geneID=Smp_167750;gene_name=Smp_167750;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18956859        18965413        .       +
        .
ID=Smp_167750.1;Parent=Smp_167750;geneID=Smp_167750;gene_name=Smp_16
7750;owner=irisadmin@local.host;orig_id=Smp_167750.1;date_last_modif
ied=2022-08-01;Name=Smp_167750.1;product=Fatty acid amide hydrolase
1;date_creation=2022-07-30
SM_V9_2 iris    exon    18956859        18956939        .       +
        .       Parent=Smp_167750.1;Name=42ceba95-
b204-4333-945e-72cdb849d6db
SM_V9_2 iris    exon    18963362        18965413        .       +
        .       Parent=Smp_167750.1;Name=10700d90-328b-4f93-9fe1-
ebac517c62ac
SM_V9_2 iris    CDS     18963372        18965198        .       +
        0       Parent=Smp_167750.1
SM_V9_2 iris    gene    18997671        19001033        .       +
        .
ID=Smp_004220;geneID=Smp_004220;gene_name=Smp_004220;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    18997671        19001033        .       +
        .
ID=Smp_004220.1;Parent=Smp_004220;geneID=Smp_004220;gene_name=Smp_00
4220;owner=irisadmin@local.host;orig_id=Smp_004220.1;date_last_modif
ied=2022-08-01;Name=Smp_004220.1;product=amidase;date_creation=2022-
07-30
SM_V9_2 iris    exon    18997671        18997734        .       +
        .       Parent=Smp_004220.1;Name=Smp_004220.1-CDS
SM_V9_2 iris    exon    18998807        19001033        .       +
        .       Parent=Smp_004220.1;Name=7c3d08f7-d428-4103-
bbb7-260d3555b9db
SM_V9_2 iris    CDS     18997717        18997734        .       +
        0       Parent=Smp_004220.1
SM_V9_2 iris    CDS     18998807        19000633        .       +
        0       Parent=Smp_004220.1
SM_V9_2 iris    gene    19020954        19051077        .       -
        .
ID=Smp_004200;geneID=Smp_004200;gene_name=Smp_004200;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    19020954        19051077        .       -
        .
ID=Smp_004200.1;Parent=Smp_004200;geneID=Smp_004200;gene_name=Smp_00
4200;owner=irisadmin@local.host;orig_id=Smp_004200.1;date_last_modif
ied=2022-08-01;Name=Smp_004200.1;product=Desumoylating isopeptidase
2;date_creation=2022-08-01
SM_V9_2 iris    exon    19020954        19022164        .       -
        .
Parent=Smp_004200.1;Name=56ddacf0-5f1d-44ca-87d6-524496c079c8
SM_V9_2 iris    exon    19036264        19036405        .       -
        .       Parent=Smp_004200.1;Name=0f2033e2-6629-4a04-8174-
a7e928e823c8
SM_V9_2 iris    exon    19039237        19039330        .       -
        .
Parent=Smp_004200.1;Name=34c8a062-2624-4ae4-914f-3344ae6b9cca
SM_V9_2 iris    exon    19039386        19039446        .       -
        .       Parent=Smp_004200.1;Name=a396b9e2-cbbe-447c-
a724-6641dfe8abf6
SM_V9_2 iris    exon    19039497        19039827        .       -
        .
Parent=Smp_004200.1;Name=dba42f0e-0b9c-4064-84f9-6b3d981c945c
SM_V9_2 iris    exon    19049637        19049783        .       -
        .       Parent=Smp_004200.1;Name=d332910c-6f76-4ba8-9813-
e1141b97e58e
SM_V9_2 iris    exon    19049831        19049985        .       -
        .       Parent=Smp_004200.1;Name=a2f22e6d-
a951-4223-8bef-846104f920de
SM_V9_2 iris    exon    19051044        19051077        .       -
        .       Parent=Smp_004200.1;Name=c32fca8d-
e4b8-49fa-9f24-045b1a8c3e95
SM_V9_2 iris    CDS     19021709        19022164        .       -
        0       Parent=Smp_004200.1
SM_V9_2 iris    CDS     19036264        19036405        .       -
        1       Parent=Smp_004200.1
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SM_V9_2 iris    CDS     19039237        19039330        .       -
        2       Parent=Smp_004200.1
SM_V9_2 iris    CDS     19039386        19039446        .       -
        0       Parent=Smp_004200.1
SM_V9_2 iris    CDS     19039497        19039601        .       -
        0       Parent=Smp_004200.1
SM_V9_2 Liftoff gene    19051171        19071486        .       +
        .       ID=Smp_004190;geneID=Smp_004190
SM_V9_2 Liftoff mRNA    19051171        19071486        .       +
        .
ID=Smp_004190.1;Parent=Smp_004190;geneID=Smp_004190;product=Cationic
amino acid transporter
4;polypeptide_domain=InterPro:IPR002293,IPR029485
Pfam:PF13520,PF13906;Ontology_term=GO:0003333,GO:0015171,GO:0016020
SM_V9_2 Liftoff exon    19051171        19051455        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff exon    19051496        19051647        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff exon    19056748        19056929        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff exon    19062640        19063273        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff exon    19064211        19064411        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff exon    19067727        19068074        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff exon    19069889        19069997        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff exon    19070945        19071486        .       +
        .       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19051320        19051455        .       +
        0       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19051496        19051647        .       +
        2       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19056748        19056929        .       +
        0       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19062640        19063273        .       +
        1       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19064211        19064411        .       +
        0       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19067727        19068074        .       +
        0       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19069889        19069997        .       +
        0       Parent=Smp_004190.1
SM_V9_2 Liftoff CDS     19070945        19071126        .       +
        2       Parent=Smp_004190.1
SM_V9_2 Liftoff gene    19083361        19105784        .       +
        .       ID=Smp_124390;geneID=Smp_124390
SM_V9_2 Liftoff mRNA    19083361        19105784        .       +
        .
ID=Smp_124390.1;Parent=Smp_124390;geneID=Smp_124390;product=Patanin-
like phospholipase domain-containing
protein;polypeptide_domain=InterPro:IPR002641,IPR016035
Pfam:PF01734;Ontology_term=GO:0006629,GO:0008152
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SM_V9_2 Liftoff exon    19083361        19084702        .       +
        .       Parent=Smp_124390.1
SM_V9_2 Liftoff exon    19084739        19084971        .       +
        .       Parent=Smp_124390.1
SM_V9_2 Liftoff exon    19085015        19085080        .       +
        .       Parent=Smp_124390.1
SM_V9_2 Liftoff exon    19096371        19096680        .       +
        .       Parent=Smp_124390.1
SM_V9_2 Liftoff exon    19098585        19099068        .       +
        .       Parent=Smp_124390.1
SM_V9_2 Liftoff exon    19100439        19100790        .       +
        .       Parent=Smp_124390.1
SM_V9_2 Liftoff exon    19105105        19105784        .       +
        .       Parent=Smp_124390.1
SM_V9_2 Liftoff CDS     19084474        19084702        .       +
        0       Parent=Smp_124390.1
SM_V9_2 Liftoff CDS     19084739        19084971        .       +
        2       Parent=Smp_124390.1
SM_V9_2 Liftoff CDS     19085015        19085080        .       +
        0       Parent=Smp_124390.1
SM_V9_2 Liftoff CDS     19096371        19096680        .       +
        0       Parent=Smp_124390.1
SM_V9_2 Liftoff CDS     19098585        19099068        .       +
        2       Parent=Smp_124390.1
SM_V9_2 Liftoff CDS     19100439        19100790        .       +
        1       Parent=Smp_124390.1
SM_V9_2 Liftoff CDS     19105105        19105296        .       +
        0       Parent=Smp_124390.1
SM_V9_2 Liftoff gene    19118331        19128400        .       +
        .       ID=Smp_004170;geneID=Smp_004170
SM_V9_2 Liftoff mRNA    19118331        19128400        .       +
        .
ID=Smp_004170.1;Parent=Smp_004170;geneID=Smp_004170;product=Thioredo
xin-related transmembrane protein 2
homolog;polypeptide_domain=InterPro:IPR012336,IPR013766
Pfam:PF00085;Ontology_term=GO:0045454
SM_V9_2 Liftoff exon    19118331        19128400        .       +
        .       Parent=Smp_004170.1
SM_V9_2 Liftoff CDS     19127157        19127975        .       +
        0       Parent=Smp_004170.1
SM_V9_2 Liftoff gene    19128418        19132127        .       -
        .       ID=Smp_004160;geneID=Smp_004160
SM_V9_2 Liftoff mRNA    19128418        19132127        .       -
        .
ID=Smp_004160.1;Parent=Smp_004160;geneID=Smp_004160;product=Cilia-
and flagella-associated protein
77;polypeptide_domain=InterPro:IPR029147 Pfam:PF14825
SM_V9_2 Liftoff exon    19128418        19128871        .       -
        .       Parent=Smp_004160.1
SM_V9_2 Liftoff exon    19129994        19130104        .       -
        .       Parent=Smp_004160.1
SM_V9_2 Liftoff exon    19130142        19130250        .       -
        .       Parent=Smp_004160.1
SM_V9_2 Liftoff exon    19131605        19131839        .       -
```

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        .       Parent=Smp_004160.1
SM_V9_2 Liftoff exon    19131867        19131963        .       -
        .       Parent=Smp_004160.1
SM_V9_2 Liftoff exon    19131998        19132127        .       -
        .       Parent=Smp_004160.1
SM_V9_2 Liftoff CDS     19128740        19128871        .       -
        0       Parent=Smp_004160.1
SM_V9_2 Liftoff CDS     19129994        19130104        .       -
        0       Parent=Smp_004160.1
SM_V9_2 Liftoff CDS     19130142        19130250        .       -
        1       Parent=Smp_004160.1
SM_V9_2 Liftoff CDS     19131605        19131839        .       -
        2       Parent=Smp_004160.1
SM_V9_2 Liftoff CDS     19131867        19131963        .       -
        0       Parent=Smp_004160.1
SM_V9_2 Liftoff CDS     19131998        19132102        .       -
        0       Parent=Smp_004160.1
SM_V9_2 Liftoff gene    19139201        19155969        .       +
        .       ID=Smp_124380;geneID=Smp_124380
SM_V9_2 Liftoff mRNA    19139201        19155969        .       +
        .
ID=Smp_124380.1;Parent=Smp_124380;geneID=Smp_124380;product=Leucine-
rich repeat-containing protein
63;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF00560,PF13855;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    19139201        19139917        .       +
        .       Parent=Smp_124380.1
SM_V9_2 Liftoff exon    19139976        19140046        .       +
        .       Parent=Smp_124380.1
SM_V9_2 Liftoff exon    19142348        19142505        .       +
        .       Parent=Smp_124380.1
SM_V9_2 Liftoff exon    19144972        19145123        .       +
        .       Parent=Smp_124380.1
SM_V9_2 Liftoff exon    19153068        19153151        .       +
        .       Parent=Smp_124380.1
SM_V9_2 Liftoff exon    19153823        19154182        .       +
        .       Parent=Smp_124380.1
SM_V9_2 Liftoff exon    19155718        19155969        .       +
        .       Parent=Smp_124380.1
SM_V9_2 Liftoff CDS     19139226        19139917        .       +
        0       Parent=Smp_124380.1
SM_V9_2 Liftoff CDS     19139976        19140046        .       +
        1       Parent=Smp_124380.1
SM_V9_2 Liftoff CDS     19142348        19142505        .       +
        2       Parent=Smp_124380.1
SM_V9_2 Liftoff CDS     19144972        19145123        .       +
        0       Parent=Smp_124380.1
SM_V9_2 Liftoff CDS     19153068        19153151        .       +
        1       Parent=Smp_124380.1
SM_V9_2 Liftoff CDS     19153823        19154182        .       +
        1       Parent=Smp_124380.1
SM_V9_2 Liftoff CDS     19155718        19155928        .       +
        1       Parent=Smp_124380.1
SM_V9_2 Liftoff gene    19176092        19212327        .       -
```

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        .
ID=Smp_342040;geneID=Smp_342040;previous_systematic_id=Smp_124370
SM_V9_2 Liftoff mRNA    19176092        19212327        .       -
        .
ID=Smp_342040.1;Parent=Smp_342040;geneID=Smp_342040;product=Protein
turtle homolog
A;polypeptide_domain=InterPro:IPR003599,IPR007110,IPR013098,IPR01378
3 Pfam:PF07679
SM_V9_2 Liftoff exon    19176092        19176625        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19177395        19177431        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19178549        19179361        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19182037        19182573        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19184193        19184405        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19185412        19185994        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19186944        19187059        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19188063        19188189        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19191640        19191884        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19201157        19201467        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19203144        19203240        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff exon    19211982        19212327        .       -
        .       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19176337        19176625        .       -
        1       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19177395        19177431        .       -
        2       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19178549        19179361        .       -
        2       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19182037        19182573        .       -
        2       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19184193        19184405        .       -
        2       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19185412        19185994        .       -
        0       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19186944        19187059        .       -
        2       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19188063        19188189        .       -
        0       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19191640        19191884        .       -
        2       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19201157        19201467        .       -
        1       Parent=Smp_342040.1
SM_V9_2 Liftoff CDS     19203144        19203240        .       -
        2       Parent=Smp_342040.1
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SM_V9_2 Liftoff CDS     19211982        19212198        .       -
        0       Parent=Smp_342040.1
SM_V9_2 iris    gene    19256792        19304952        .       -
        .
ID=Smp_310930;geneID=Smp_310930;gene_name=Smp_310930;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19256792        19304952        .       -
        .
ID=Smp_310930.1;Parent=Smp_310930;geneID=Smp_310930;gene_name=Smp_31
0930;owner=irisadmin@local.host;orig_id=Smp_310930.1;date_last_modif
ied=2022-08-01;Name=Smp_310930.1;product=AMP deaminase
2;date_creation=2022-07-30
SM_V9_2 iris    exon    19256792        19257872        .       -
        .       Parent=Smp_310930.1;Name=a64a6587-e6b9-484c-bd72-
bd5e203dbfa1
SM_V9_2 iris    exon    19259738        19259986        .       -
        .       Parent=Smp_310930.1;Name=1fc92c30-
fb21-46f2-8702-70dc8104d2c1
SM_V9_2 iris    exon    19261096        19261252        .       -
        .       Parent=Smp_310930.1;Name=6c09ed56-7642-4d15-bc68-
ad082f2b69fd
SM_V9_2 iris    exon    19263891        19264141        .       -
        .       Parent=Smp_310930.1;Name=17664cd2-16f8-4b2f-a456-
f9445949d66d
SM_V9_2 iris    exon    19265645        19265848        .       -
        .       Parent=Smp_310930.1;Name=8db8494f-0e5e-4265-8ef5-
f9d505546115
SM_V9_2 iris    exon    19270990        19271121        .       -
        .
Parent=Smp_310930.1;Name=dc261205-4124-4477-86e8-9cda0e552b89
SM_V9_2 iris    exon    19277230        19277292        .       -
        .       Parent=Smp_310930.1;Name=8008aa07-bfe5-4228-
a3c0-0272f5542421
SM_V9_2 iris    exon    19282374        19282511        .       -
        .       Parent=Smp_310930.1;Name=cf56bc26-
bd12-4e92-8983-811f757eb7ee
SM_V9_2 iris    exon    19286374        19286801        .       -
        .       Parent=Smp_310930.1;Name=eac87d60-7cf5-4a43-bad1-
cf1d0a707082
SM_V9_2 iris    exon    19291159        19291278        .       -
        .       Parent=Smp_310930.1;Name=dc757dcc-4ea9-4ca5-
a884-2825518fb1ff
SM_V9_2 iris    exon    19292528        19292723        .       -
        .       Parent=Smp_310930.1;Name=b7982e58-f4a2-4007-83c6-
ddb18fd3fc96
SM_V9_2 iris    exon    19300472        19301030        .       -
        .       Parent=Smp_310930.1;Name=2f9f5462-9226-44ed-a28a-
ae5f3692db52
SM_V9_2 iris    exon    19302027        19302209        .       -
        .       Parent=Smp_310930.1;Name=f7d900fe-b409-4ea6-b38c-
eec2528a61cb
SM_V9_2 iris    exon    19304895        19304952        .       -
        .       Parent=Smp_310930.1;Name=dbb9373b-1b17-440f-
aa56-66c835ed0b06
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SM_V9_2 iris    CDS     19257615        19257872        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19259738        19259986        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19261096        19261252        .       -
        1       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19263891        19264141        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19265645        19265848        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19270990        19271121        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19277230        19277292        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19282374        19282511        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19286374        19286801        .       -
        2       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19291159        19291278        .       -
        2       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19292528        19292723        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19300472        19301030        .       -
        1       Parent=Smp_310930.1
SM_V9_2 iris    CDS     19302027        19302187        .       -
        0       Parent=Smp_310930.1
SM_V9_2 iris    gene    19311028        19311975        .       +
        .
ID=Smp_210180;geneID=Smp_210180;gene_name=Smp_210180;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19311028        19311975        .       +
        .
ID=Smp_210180.1;Parent=Smp_210180;geneID=Smp_210180;gene_name=Smp_21
0180;owner=irisadmin@local.host;orig_id=Smp_210180.2;date_last_modif
ied=2022-08-01;Name=Smp_210180.1;product=Probable D-tyrosyl-
tRNA(Tyr) deacylase 2;date_creation=2022-07-30
SM_V9_2 iris    exon    19311028        19311058        .       +
        .       Parent=Smp_210180.1;Name=c04b00d1-d1ee-4fd0-893a-
a406548f13f7
SM_V9_2 iris    exon    19311613        19311975        .       +
        .       Parent=Smp_210180.1;Name=e5a857b1-
f809-4ab8-82f7-584ced2a2920
SM_V9_2 iris    CDS     19311647        19311868        .       +
        0       Parent=Smp_210180.1
SM_V9_2 Liftoff gene    19319029        19321137        .       -
        .       ID=Smp_211330;geneID=Smp_211330
SM_V9_2 Liftoff mRNA    19319029        19321137        .       -
        .
ID=Smp_211330.1;Parent=Smp_211330;geneID=Smp_211330;product=Probable
ATP-dependent RNA helicase
DDX6;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR01
4001,IPR014014,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_2 Liftoff exon    19319029        19319753        .       -
```

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        .       Parent=Smp_211330.1
SM_V9_2 Liftoff exon    19319788        19320152        .       -
        .       Parent=Smp_211330.1
SM_V9_2 Liftoff exon    19320189        19321137        .       -
        .       Parent=Smp_211330.1
SM_V9_2 Liftoff CDS     19319564        19319753        .       -
        1       Parent=Smp_211330.1
SM_V9_2 Liftoff CDS     19319788        19320152        .       -
        0       Parent=Smp_211330.1
SM_V9_2 Liftoff CDS     19320189        19320983        .       -
        0       Parent=Smp_211330.1
SM_V9_2 Liftoff gene    19328518        19362225        .       -
        .
ID=Smp_337470;geneID=Smp_337470;previous_systematic_id=Smp_211340
SM_V9_2 Liftoff mRNA    19328518        19362225        .       -
        .
ID=Smp_337470.1;Parent=Smp_337470;geneID=Smp_337470;product=E3
ubiquitin-protein ligase
RFWD3;polypeptide_domain=InterPro:IPR001680,IPR001841,IPR013083,IPR0
15943,IPR017986 Pfam:PF13639;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    19328518        19328829        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19333403        19333844        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19343699        19343947        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19352369        19352521        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19357165        19357266        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19358952        19359015        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19360079        19360305        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19361680        19361788        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19361827        19361912        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19361947        19362042        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19362079        19362120        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff exon    19362164        19362225        .       -
        .       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19328606        19328829        .       -
        2       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19333403        19333844        .       -
        0       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19343699        19343947        .       -
        0       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19352369        19352521        .       -
        0       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19357165        19357266        .       -
        0       Parent=Smp_337470.1
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SM_V9_2 Liftoff CDS     19358952        19359015        .       -
        1       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19360079        19360305        .       -
        0       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19361680        19361788        .       -
        1       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19361827        19361912        .       -
        0       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19361947        19362042        .       -
        0       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19362079        19362120        .       -
        0       Parent=Smp_337470.1
SM_V9_2 Liftoff CDS     19362164        19362181        .       -
        0       Parent=Smp_337470.1
SM_V9_2 iris    gene    19375865        19426045        .       -
        .
ID=Smp_094560;geneID=Smp_094560;gene_name=Smp_094560;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    19375865        19426045        .       -
        .
ID=Smp_094560.1;Parent=Smp_094560;geneID=Smp_094560;gene_name=Smp_09
4560;owner=irisadmin@local.host;orig_id=Smp_094560.1;date_last_modif
ied=2022-07-10;Name=Smp_094560.1;product=Potassium voltage-gated
channel protein Shal;date_creation=2022-07-10
SM_V9_2 iris    exon    19375865        19376332        .       -
        .       Parent=Smp_094560.1;Name=68e3d7c1-ffa8-41c1-93d3-
ac47696a34cb
SM_V9_2 iris    exon    19386141        19386303        .       -
        .
Parent=Smp_094560.1;Name=7a71d169-51ce-416d-9f35-10ac54fb57e3
SM_V9_2 iris    exon    19424736        19426045        .       -
        .       Parent=Smp_094560.1;Name=f301dbb1-ccc6-4ca9-
b1d3-232cf7edbe3f
SM_V9_2 iris    CDS     19376117        19376332        .       -
        0       Parent=Smp_094560.1
SM_V9_2 iris    CDS     19386141        19386303        .       -
        1       Parent=Smp_094560.1
SM_V9_2 iris    CDS     19424736        19425859        .       -
        0       Parent=Smp_094560.1
SM_V9_2 iris    gene    19489792        19535156        .       +
        .
ID=Smp_129640;geneID=Smp_129640;gene_name=Smp_129640;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19489792        19535156        .       +
        .
ID=Smp_129640.1;Parent=Smp_129640;geneID=Smp_129640;gene_name=Smp_12
9640;owner=irisadmin@local.host;orig_id=Smp_129640.2;date_last_modif
ied=2022-08-01;Name=Smp_129640.1;product=FERM, RhoGEF and pleckstrin
domain-containing protein 1;date_creation=2022-07-30
SM_V9_2 iris    exon    19489792        19490007        .       +
        .       Parent=Smp_129640.1;Name=374eaa43-946c-464c-
a5b1-97d0a56c4a70
SM_V9_2 iris    exon    19494223        19494327        .       +
        .       Parent=Smp_129640.1;Name=3826332a-591c-44af-b886-
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b6ec121235c3
SM_V9_2 iris    exon    19495512        19495639        .       +
        .       Parent=Smp_129640.1;Name=e7dad4f3-859e-43f8-b95b-
d377e768cf0a
SM_V9_2 iris    exon    19495732        19495829        .       +
        .       Parent=Smp_129640.1;Name=d558fbbd-7e6c-4eea-94c4-
a4a287676463
SM_V9_2 iris    exon    19497665        19497788        .       +
        .       Parent=Smp_129640.1;Name=d472575e-
b49a-4423-8813-2d5bef9cd1b3
SM_V9_2 iris    exon    19499139        19499226        .       +
        .       Parent=Smp_129640.1;Name=2304c6b1-beff-4aee-8de4-
bfacce9d191e
SM_V9_2 iris    exon    19500934        19501089        .       +
        .       Parent=Smp_129640.1;Name=6997362f-ee5b-4347-
b72d-8c6f72b44910
SM_V9_2 iris    exon    19503371        19503747        .       +
        .       Parent=Smp_129640.1;Name=a71f3b3c-5ea1-4100-
aaa3-8a26e0c6e7ef
SM_V9_2 iris    exon    19505419        19505679        .       +
        .       Parent=Smp_129640.1;Name=8b213bc6-
c126-4fff-9230-9b202813ab0c
SM_V9_2 iris    exon    19506741        19506943        .       +
        .       Parent=Smp_129640.1;Name=5452db93-2ade-4e04-
bef2-75c42082f375
SM_V9_2 iris    exon    19507942        19508180        .       +
        .
Parent=Smp_129640.1;Name=1c517f25-712b-472b-9bc8-7379be6df3aa
SM_V9_2 iris    exon    19510375        19510694        .       +
        .       Parent=Smp_129640.1;Name=521f9468-b560-4403-afbb-
ebb9033a0edd
SM_V9_2 iris    exon    19512504        19512732        .       +
        .       Parent=Smp_129640.1;Name=1e4c9288-80f9-4847-
a17d-07c71d13b7fe
SM_V9_2 iris    exon    19513675        19514364        .       +
        .       Parent=Smp_129640.1;Name=2c6a7e90-22aa-4ae8-
b747-0fa761db3d4e
SM_V9_2 iris    exon    19518956        19519048        .       +
        .       Parent=Smp_129640.1;Name=62b77182-888c-47e4-8798-
e8b1cb7cc9ce
SM_V9_2 iris    exon    19520274        19520520        .       +
        .       Parent=Smp_129640.1;Name=3fbd1f44-81d7-4bb9-
b190-5933d449b9a1
SM_V9_2 iris    exon    19521165        19521412        .       +
        .       Parent=Smp_129640.1;Name=33e66273-93b3-4bdb-badb-
a9c28e63b925
SM_V9_2 iris    exon    19522622        19523030        .       +
        .
Parent=Smp_129640.1;Name=e55c359c-5d31-4741-990f-70dd4885fca7
SM_V9_2 iris    exon    19524322        19524788        .       +
        .       Parent=Smp_129640.1;Name=cf88aa05-8619-483a-bdb6-
c6aa88a35606
SM_V9_2 iris    exon    19526770        19527190        .       +
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Parent=Smp_129640.1;Name=54030625-4999-432f-884e-78d30f9aeb45
SM_V9_2 iris    exon    19528058        19528293        .       +
        .       Parent=Smp_129640.1;Name=d2917539-ffc4-4eba-ac61-
bbf7e2a3384a
SM_V9_2 iris    exon    19530804        19531138        .       +
        .       Parent=Smp_129640.1;Name=187f4598-a30f-4bb3-
b8da-1ffd7462b4dc
SM_V9_2 iris    exon    19534187        19535156        .       +
        .       Parent=Smp_129640.1;Name=8875461d-63c6-4d08-a355-
dd2c95d21ad4
SM_V9_2 iris    CDS     19489909        19490007        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19494223        19494327        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19495512        19495639        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19495732        19495829        .       +
        1       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19497665        19497788        .       +
        2       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19499139        19499226        .       +
        1       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19500934        19501089        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19503371        19503747        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19505419        19505679        .       +
        1       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19506741        19506943        .       +
        1       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19507942        19508180        .       +
        2       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19510375        19510694        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19512504        19512732        .       +
        1       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19513675        19514364        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19518956        19519048        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19520274        19520520        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19521165        19521412        .       +
        2       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19522622        19523030        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19524322        19524788        .       +
        2       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19526770        19527190        .       +
        0       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19528058        19528293        .       +
        2       Parent=Smp_129640.1
SM_V9_2 iris    CDS     19530804        19531138        .       +
        0       Parent=Smp_129640.1
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SM_V9_2 iris    CDS     19534187        19534379        .       +
        1       Parent=Smp_129640.1
SM_V9_2 iris    gene    19547142        19560125        .       +
        .
ID=Smp_129720;geneID=Smp_129720;gene_name=Smp_129720;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19547142        19560125        .       +
        .
ID=Smp_129720.1;Parent=Smp_129720;geneID=Smp_129720;gene_name=Smp_12
9720;owner=irisadmin@local.host;orig_id=Smp_129720.1;date_last_modif
ied=2022-08-01;Name=Smp_129720.1;product=Poly(U)-binding-splicing
factor PUF60-B;date_creation=2022-07-30
SM_V9_2 iris    exon    19547142        19547412        .       +
        .       Parent=Smp_129720.1;Name=6553a31a-49fa-4eee-
b9eb-1b230a54372d
SM_V9_2 iris    exon    19547447        19547707        .       +
        .       Parent=Smp_129720.1;Name=a3ed852e-522c-409f-87dd-
e301271d75aa
SM_V9_2 iris    exon    19548256        19548419        .       +
        .       Parent=Smp_129720.1;Name=c3c272da-31c2-4830-
a623-5f73bd9262a7
SM_V9_2 iris    exon    19549913        19550225        .       +
        .       Parent=Smp_129720.1;Name=f5a71841-a4ae-4c74-
b21b-7aed16ffc1fc
SM_V9_2 iris    exon    19554010        19554145        .       +
        .
Parent=Smp_129720.1;Name=ddebc82b-4e3a-4419-85e0-5ebe536a4006
SM_V9_2 iris    exon    19558401        19558587        .       +
        .       Parent=Smp_129720.1;Name=144573d3-b57b-4f55-
ab3c-91b5c2a48d36
SM_V9_2 iris    exon    19559520        19560125        .       +
        .       Parent=Smp_129720.1;Name=5e5675a9-3e45-4fed-
a86f-04d6f5071df5
SM_V9_2 iris    CDS     19547179        19547412        .       +
        0       Parent=Smp_129720.1
SM_V9_2 iris    CDS     19547447        19547707        .       +
        0       Parent=Smp_129720.1
SM_V9_2 iris    CDS     19548256        19548419        .       +
        0       Parent=Smp_129720.1
SM_V9_2 iris    CDS     19549913        19550225        .       +
        1       Parent=Smp_129720.1
SM_V9_2 iris    CDS     19554010        19554145        .       +
        0       Parent=Smp_129720.1
SM_V9_2 iris    CDS     19558401        19558587        .       +
        2       Parent=Smp_129720.1
SM_V9_2 iris    CDS     19559520        19559793        .       +
        1       Parent=Smp_129720.1
SM_V9_2 iris    gene    19561622        19572708        .       -
        .
ID=Smp_014020;geneID=Smp_014020;gene_name=Smp_014020;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19561622        19572708        .       -
        .
ID=Smp_014020.1;Parent=Smp_014020;geneID=Smp_014020;gene_name=Smp_01
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4020;owner=irisadmin@local.host;orig_id=Smp_014020.1;date_last_modif
ied=2022-08-01;Name=Smp_014020.1;product=Cell cycle control protein
50A;date_creation=2022-07-30
SM_V9_2 iris    exon    19561622        19561869        .       -
        .       Parent=Smp_014020.1;Name=e64100f4-8bf4-43a5-a63e-
c4083ae5a87c
SM_V9_2 iris    exon    19562594        19562756        .       -
        .       Parent=Smp_014020.1;Name=52dcf1bf-6151-4d85-b6b4-
f58fa8bf6c29
SM_V9_2 iris    exon    19566202        19566540        .       -
        .
Parent=Smp_014020.1;Name=c3c30dea-643c-4084-82eb-588bccc88422
SM_V9_2 iris    exon    19568871        19569060        .       -
        .
Parent=Smp_014020.1;Name=ac72961a-00ee-4c0e-9fb7-018b64e27a29
SM_V9_2 iris    exon    19572264        19572410        .       -
        .       Parent=Smp_014020.1;Name=069ddcfe-8fbb-49d2-860c-
fdb0723585da
SM_V9_2 iris    exon    19572445        19572578        .       -
        .       Parent=Smp_014020.1;Name=54d0f0b5-ade3-490e-9104-
cbc427152ba9
SM_V9_2 iris    exon    19572616        19572708        .       -
        .       Parent=Smp_014020.1;Name=c07bacfa-96d8-4fff-
a7ea-2eabf3b5145c
SM_V9_2 iris    CDS     19561860        19561869        .       -
        1       Parent=Smp_014020.1
SM_V9_2 iris    CDS     19562594        19562756        .       -
        2       Parent=Smp_014020.1
SM_V9_2 iris    CDS     19566202        19566540        .       -
        2       Parent=Smp_014020.1
SM_V9_2 iris    CDS     19568871        19569060        .       -
        0       Parent=Smp_014020.1
SM_V9_2 iris    CDS     19572264        19572410        .       -
        0       Parent=Smp_014020.1
SM_V9_2 iris    CDS     19572445        19572578        .       -
        2       Parent=Smp_014020.1
SM_V9_2 iris    CDS     19572616        19572661        .       -
        0       Parent=Smp_014020.1
SM_V9_2 Liftoff gene    19583672        19603476        .       +
        .       ID=Smp_014010;geneID=Smp_014010
SM_V9_2 Liftoff mRNA    19583672        19603476        .       +
        .
ID=Smp_014010.1;Parent=Smp_014010;geneID=Smp_014010;product=Adenylyl
cyclase-associated protein
1;polypeptide_domain=InterPro:IPR006599,IPR013912,IPR013992,IPR01790
1,IPR028417 Pfam:PF01213,PF08603;Ontology_term=GO:0003779,GO:0007010
SM_V9_2 Liftoff exon    19583672        19586843        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19586879        19586985        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19587036        19587167        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19587208        19587297        .       +
        .       Parent=Smp_014010.1
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SM_V9_2 Liftoff exon    19587332        19587417        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19589523        19589748        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19591892        19592146        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19595582        19595705        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19599498        19599580        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19600327        19600470        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff exon    19603107        19603476        .       +
        .       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19586735        19586843        .       +
        0       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19586879        19586985        .       +
        2       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19587036        19587167        .       +
        0       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19587208        19587297        .       +
        0       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19587332        19587417        .       +
        0       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19589523        19589748        .       +
        1       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19591892        19592146        .       +
        0       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19595582        19595705        .       +
        0       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19599498        19599580        .       +
        2       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19600327        19600470        .       +
        0       Parent=Smp_014010.1
SM_V9_2 Liftoff CDS     19603107        19603187        .       +
        0       Parent=Smp_014010.1
SM_V9_2 iris    gene    19611172        19656456        .       +
        .
ID=Smp_129710;geneID=Smp_129710;gene_name=Smp_129710;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19611172        19656456        .       +
        .
ID=Smp_129710.1;Parent=Smp_129710;geneID=Smp_129710;gene_name=Smp_12
9710;owner=irisadmin@local.host;orig_id=Smp_129710.1;date_last_modif
ied=2022-08-01;Name=Smp_129710.1;product=Restin
homolog;date_creation=2022-07-30
SM_V9_2 iris    exon    19611172        19611236        .       +
        .       Parent=Smp_129710.1;Name=94587f84-1cdf-4963-8d96-
b051807546e4
SM_V9_2 iris    exon    19613322        19613361        .       +
        .       Parent=Smp_129710.1;Name=f82ca885-a976-41c7-
a828-119d40a51686
SM_V9_2 iris    exon    19613403        19613470        .       +
        .       Parent=Smp_129710.1;Name=c1baba08-f2ba-4c3a-8548-
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b10b709c7123
SM_V9_2 iris    exon    19613503        19613540        .       +
        .       Parent=Smp_129710.1;Name=289f3a13-89b0-4735-
bac4-136d9baddb42
SM_V9_2 iris    exon    19613577        19613681        .       +
        .       Parent=Smp_129710.1;Name=8d3cb97a-f21c-4055-
b84f-051baba6e5b3
SM_V9_2 iris    exon    19613721        19613800        .       +
        .       Parent=Smp_129710.1;Name=c6a6f274-6b9c-48fb-aafe-
c6b7f894bc47
SM_V9_2 iris    exon    19613836        19613903        .       +
        .
Parent=Smp_129710.1;Name=e0f7937a-70ce-4a68-9291-0dbe893b5db2
SM_V9_2 iris    exon    19613940        19614066        .       +
        .       Parent=Smp_129710.1;Name=e4007e07-2f8e-4f3e-8953-
df1cdb46a1c8
SM_V9_2 iris    exon    19617093        19617279        .       +
        .       Parent=Smp_129710.1;Name=fc4e3749-c708-4941-
baa7-78d3a7a94ad1
SM_V9_2 iris    exon    19618312        19618584        .       +
        .       Parent=Smp_129710.1;Name=c1799749-08ed-40e1-
b0f8-4dc0d5dd7514
SM_V9_2 iris    exon    19619732        19619785        .       +
        .       Parent=Smp_129710.1;Name=912104cd-
fdef-4665-87e1-5c7054c23d4d
SM_V9_2 iris    exon    19619840        19619893        .       +
        .       Parent=Smp_129710.1;Name=15fca140-8c45-491f-8287-
bb0102409f7f
SM_V9_2 iris    exon    19620445        19620594        .       +
        .       Parent=Smp_129710.1;Name=5f03c72d-f658-43c9-94dd-
fb2edc11bb94
SM_V9_2 iris    exon    19622282        19622476        .       +
        .       Parent=Smp_129710.1;Name=0ab213aa-acbd-4273-8422-
e1e7212e444d
SM_V9_2 iris    exon    19627416        19628090        .       +
        .       Parent=Smp_129710.1;Name=3c538c7b-66fd-4e23-9e41-
c02b4f4db8d1
SM_V9_2 iris    exon    19629267        19629601        .       +
        .       Parent=Smp_129710.1;Name=ee0b9f45-ec44-4581-
bce3-0e2eb26501ba
SM_V9_2 iris    exon    19630980        19631190        .       +
        .       Parent=Smp_129710.1;Name=85e096ac-
f507-42ad-8c4c-785e386ec34b
SM_V9_2 iris    exon    19637826        19639453        .       +
        .       Parent=Smp_129710.1;Name=3a246074-ef21-4bd6-
be4a-49fe46fa9539
SM_V9_2 iris    exon    19641434        19641542        .       +
        .
Parent=Smp_129710.1;Name=c62c3689-062d-49d8-873b-4baae0bf0f25
SM_V9_2 iris    exon    19643958        19644070        .       +
        .       Parent=Smp_129710.1;Name=f085ce42-
f858-420f-87e7-475147b4d2df
SM_V9_2 iris    exon    19646199        19646477        .       +
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Parent=Smp_129710.1;Name=23259125-3aaf-4907-9bbf-27b706fb2f97
SM_V9_2 iris    exon    19648734        19648995        .       +
        .       Parent=Smp_129710.1;Name=183b27e8-
e454-4333-9815-7b9bfd4f5a81
SM_V9_2 iris    exon    19649896        19650013        .       +
        .       Parent=Smp_129710.1;Name=9e9f53c5-dddb-4517-9367-
d46919495f81
SM_V9_2 iris    exon    19650519        19650592        .       +
        .       Parent=Smp_129710.1;Name=aba9f8a5-3d1e-4fc0-
acde-3246061fd454
SM_V9_2 iris    exon    19651995        19652250        .       +
        .       Parent=Smp_129710.1;Name=3a1d9e43-d9dd-4496-
bffb-265c8ab43c69
SM_V9_2 iris    exon    19655951        19656456        .       +
        .       Parent=Smp_129710.1;Name=cf61f315-9a2b-44af-bfd2-
c75d6b786395
SM_V9_2 iris    CDS     19613357        19613361        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19613403        19613470        .       +
        1       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19613503        19613540        .       +
        2       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19613577        19613681        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19613721        19613800        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19613836        19613903        .       +
        1       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19613940        19614066        .       +
        2       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19617093        19617279        .       +
        1       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19618312        19618584        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19619732        19619785        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19619840        19619893        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19620445        19620594        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19622282        19622476        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19627416        19628090        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19629267        19629601        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19630980        19631190        .       +
        1       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19637826        19639453        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19641434        19641542        .       +
        1       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19643958        19644070        .       +
        0       Parent=Smp_129710.1
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SM_V9_2 iris    CDS     19646199        19646477        .       +
        1       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19648734        19648995        .       +
        1       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19649896        19650013        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19650519        19650592        .       +
        2       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19651995        19652250        .       +
        0       Parent=Smp_129710.1
SM_V9_2 iris    CDS     19655951        19656048        .       +
        2       Parent=Smp_129710.1
SM_V9_2 iris    gene    19659003        19674758        .       -
        .
ID=Smp_129700;geneID=Smp_129700;gene_name=Smp_129700;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19659003        19674758        .       -
        .
ID=Smp_129700.1;Parent=Smp_129700;geneID=Smp_129700;gene_name=Smp_12
9700;owner=irisadmin@local.host;orig_id=Smp_129700.1;date_last_modif
ied=2022-08-01;Name=Smp_129700.1;product=Protein-tyrosine
sulfotransferase A;date_creation=2022-07-30
SM_V9_2 iris    exon    19659003        19659280        .       -
        .       Parent=Smp_129700.1;Name=33b0969f-7fba-47fe-
bb37-130ced8b2d66
SM_V9_2 iris    exon    19661425        19661500        .       -
        .       Parent=Smp_129700.1;Name=8cb0950a-efdb-41fb-b03b-
ba3d7f9338e9
SM_V9_2 iris    exon    19661993        19662168        .       -
        .
Parent=Smp_129700.1;Name=d8a0c785-7d2f-486c-9240-83ccf26a230f
SM_V9_2 iris    exon    19664222        19664555        .       -
        .
Parent=Smp_129700.1;Name=937899c1-1bf7-4df6-93ac-07c518830753
SM_V9_2 iris    exon    19670550        19670735        .       -
        .       Parent=Smp_129700.1;Name=03373605-091c-46b3-
b5ae-47484113ffdd
SM_V9_2 iris    exon    19674538        19674758        .       -
        .       Parent=Smp_129700.1;Name=1941a2c0-bc37-4117-8518-
efc0cbddc07d
SM_V9_2 iris    CDS     19659079        19659280        .       -
        1       Parent=Smp_129700.1
SM_V9_2 iris    CDS     19661425        19661500        .       -
        2       Parent=Smp_129700.1
SM_V9_2 iris    CDS     19661993        19662168        .       -
        1       Parent=Smp_129700.1
SM_V9_2 iris    CDS     19664222        19664555        .       -
        2       Parent=Smp_129700.1
SM_V9_2 iris    CDS     19670550        19670735        .       -
        2       Parent=Smp_129700.1
SM_V9_2 iris    CDS     19674538        19674556        .       -
        0       Parent=Smp_129700.1
SM_V9_2 iris    gene    19699231        19707508        .       -
        .
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ID=Smp_013950;geneID=Smp_013950;gene_name=Smp_013950;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19699231        19707508        .       -
        .
ID=Smp_013950.1;Parent=Smp_013950;geneID=Smp_013950;gene_name=Smp_01
3950;owner=irisadmin@local.host;orig_id=Smp_013950.1;date_last_modif
ied=2022-08-01;Name=Smp_013950.1;product=Solute carrier family 43
member 3;date_creation=2022-07-30
SM_V9_2 iris    exon    19699231        19700398        .       -
        .       Parent=Smp_013950.1;Name=da48d6e8-aca0-41d4-b9fb-
a5bf2eeb091f
SM_V9_2 iris    exon    19703506        19704242        .       -
        .       Parent=Smp_013950.1;Name=985dbe16-ebd1-45f4-
a1ba-77bc1b3b8e0b
SM_V9_2 iris    exon    19707446        19707508        .       -
        .       Parent=Smp_013950.1;Name=8e607f37-
c2b7-41b3-8de9-94c81f60046d
SM_V9_2 iris    CDS     19699664        19700398        .       -
        0       Parent=Smp_013950.1
SM_V9_2 iris    CDS     19703506        19704242        .       -
        2       Parent=Smp_013950.1
SM_V9_2 iris    CDS     19707446        19707455        .       -
        0       Parent=Smp_013950.1
SM_V9_2 Liftoff gene    19712092        19723622        .       +
        .       ID=Smp_013930;geneID=Smp_013930
SM_V9_2 Liftoff mRNA    19712092        19723622        .       +
        .
ID=Smp_013930.1;Parent=Smp_013930;geneID=Smp_013930;product=SAP30-
binding protein;polypeptide_domain=InterPro:IPR012479
Pfam:PF07818;Ontology_term=GO:0006355
SM_V9_2 Liftoff exon    19712092        19718875        .       +
        .       Parent=Smp_013930.1
SM_V9_2 Liftoff exon    19719258        19719350        .       +
        .       Parent=Smp_013930.1
SM_V9_2 Liftoff exon    19719398        19719520        .       +
        .       Parent=Smp_013930.1
SM_V9_2 Liftoff exon    19719569        19720034        .       +
        .       Parent=Smp_013930.1
SM_V9_2 Liftoff exon    19720078        19720138        .       +
        .       Parent=Smp_013930.1
SM_V9_2 Liftoff exon    19721061        19721292        .       +
        .       Parent=Smp_013930.1
SM_V9_2 Liftoff exon    19722899        19723622        .       +
        .       Parent=Smp_013930.1
SM_V9_2 Liftoff CDS     19718842        19718875        .       +
        0       Parent=Smp_013930.1
SM_V9_2 Liftoff CDS     19719258        19719350        .       +
        2       Parent=Smp_013930.1
SM_V9_2 Liftoff CDS     19719398        19719520        .       +
        2       Parent=Smp_013930.1
SM_V9_2 Liftoff CDS     19719569        19720034        .       +
        2       Parent=Smp_013930.1
SM_V9_2 Liftoff CDS     19720078        19720138        .       +
        1       Parent=Smp_013930.1
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SM_V9_2 Liftoff CDS     19721061        19721292        .       +
        0       Parent=Smp_013930.1
SM_V9_2 Liftoff CDS     19722899        19723020        .       +
        2       Parent=Smp_013930.1
SM_V9_2 Liftoff gene    19723033        19740808        .       -
        .       ID=Smp_316710;geneID=Smp_316710
SM_V9_2 Liftoff mRNA    19723033        19740808        .       -
        .
ID=Smp_316710.1;Parent=Smp_316710;geneID=Smp_316710;product=Zinc
transporter 6;polypeptide_domain=InterPro:IPR002524
Pfam:PF01545;Ontology_term=GO:0006812,GO:0008324,GO:0016021,GO:00550
85
SM_V9_2 Liftoff exon    19723033        19723413        .       -
        .       Parent=Smp_316710.1
SM_V9_2 Liftoff exon    19724375        19724615        .       -
        .       Parent=Smp_316710.1
SM_V9_2 Liftoff exon    19729257        19729513        .       -
        .       Parent=Smp_316710.1
SM_V9_2 Liftoff exon    19731879        19732004        .       -
        .       Parent=Smp_316710.1
SM_V9_2 Liftoff exon    19734931        19735156        .       -
        .       Parent=Smp_316710.1
SM_V9_2 Liftoff exon    19735193        19740808        .       -
        .       Parent=Smp_316710.1
SM_V9_2 Liftoff CDS     19723192        19723413        .       -
        0       Parent=Smp_316710.1
SM_V9_2 Liftoff CDS     19724375        19724615        .       -
        1       Parent=Smp_316710.1
SM_V9_2 Liftoff CDS     19729257        19729513        .       -
        0       Parent=Smp_316710.1
SM_V9_2 Liftoff CDS     19731879        19732004        .       -
        0       Parent=Smp_316710.1
SM_V9_2 Liftoff CDS     19734931        19735156        .       -
        1       Parent=Smp_316710.1
SM_V9_2 Liftoff CDS     19735193        19735386        .       -
        0       Parent=Smp_316710.1
SM_V9_2 iris    gene    19750420        19821829        .       +
        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19750420        19821829        .       +
        .
ID=Smp_129670.1;Parent=Smp_129670;geneID=Smp_129670;gene_name=Smp_12
9670;owner=irisadmin@local.host;orig_id=Smp_129670.3;date_last_modif
ied=2022-08-01;Name=Smp_129670.1;product=Apoptosis-stimulating of
p53 protein 2;date_creation=2022-07-30
SM_V9_2 iris    exon    19750420        19750502        .       +
        .       Parent=Smp_129670.1;Name=99f69de0-2e92-4269-
b775-3f7081623abb
SM_V9_2 iris    exon    19764289        19765244        .       +
        .       Parent=Smp_129670.1;Name=88f0d7b1-6461-4243-
ba1d-810b158136c9
SM_V9_2 iris    exon    19787090        19787677        .       +
        .       Parent=Smp_129670.1;Name=0da6dc04-
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a951-4433-9b1b-59c2287f3a23
SM_V9_2 iris    exon    19790590        19790698        .       +
        .       Parent=Smp_129670.1;Name=b016b396-d7a9-4e04-a001-
fd774c7fab8a
SM_V9_2 iris    exon    19794945        19795213        .       +
        .       Parent=Smp_129670.1;Name=5685b4b7-
f6ad-4465-9267-132c571a23c8
SM_V9_2 iris    exon    19795809        19796053        .       +
        .       Parent=Smp_129670.1;Name=ff34913c-62df-4f56-9bec-
a296607cc013
SM_V9_2 iris    exon    19805572        19806782        .       +
        .       Parent=Smp_129670.1;Name=0ce7f983-e308-4576-9418-
d951fb2e233f
SM_V9_2 iris    exon    19808761        19808987        .       +
        .       Parent=Smp_129670.1;Name=002f455b-6916-4839-
bfab-0ac4364dd616
SM_V9_2 iris    exon    19810164        19810464        .       +
        .       Parent=Smp_129670.1;Name=b9237d71-f5ae-448b-bb90-
ce60cb63a87f
SM_V9_2 iris    exon    19812603        19813288        .       +
        .       Parent=Smp_129670.1;Name=6f7510d7-8578-4ff3-8646-
dfa3d41d5077
SM_V9_2 iris    exon    19814898        19814993        .       +
        .       Parent=Smp_129670.1;Name=d5d7e9fb-173e-468d-
b30d-0393c6a40753
SM_V9_2 iris    exon    19819549        19821829        .       +
        .
Parent=Smp_129670.1;Name=89a09ef7-63d3-4526-8ae2-6fac63fedd4f
SM_V9_2 iris    CDS     19764813        19765244        .       +
        0       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19787090        19787677        .       +
        0       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19790590        19790698        .       +
        0       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19794945        19795213        .       +
        2       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19795809        19796053        .       +
        0       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19805572        19806782        .       +
        1       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19808761        19808987        .       +
        2       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19810164        19810464        .       +
        0       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19812603        19813288        .       +
        2       Parent=Smp_129670.1
SM_V9_2 iris    CDS     19814898        19814909        .       +
        0       Parent=Smp_129670.1
SM_V9_2 iris    mRNA    19760221        19821829        .       +
        .
ID=Smp_129670.2;Parent=Smp_129670;geneID=Smp_129670;gene_name=Smp_12
9670;owner=irisadmin@local.host;date_last_modified=2022-08-01;Name=S
mp_129670.2;product=Apoptosis-stimulating of p53 protein
2;date_creation=2022-07-30
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SM_V9_2 iris    exon    19760221        19761980        .       +
        .       Parent=Smp_129670.2;Name=f6475a9a-46b9-4150-ad85-
d2956afe8d1b
SM_V9_2 iris    exon    19764289        19765244        .       +
        .       Parent=Smp_129670.2;Name=885fa906-
b98a-41f2-9bbe-7f3ebf986813
SM_V9_2 iris    exon    19787090        19787677        .       +
        .       Parent=Smp_129670.2;Name=f47fa5d9-7e07-400e-
a69a-542e673c5c2d
SM_V9_2 iris    exon    19790590        19790698        .       +
        .
Parent=Smp_129670.2;Name=53e1c612-289b-448f-96e4-9e1fc889e799
SM_V9_2 iris    exon    19794945        19795213        .       +
        .       Parent=Smp_129670.2;Name=4f995358-
cf35-4782-842c-7c58f9a8137d
SM_V9_2 iris    exon    19795809        19796053        .       +
        .       Parent=Smp_129670.2;Name=a493ec72-93dc-404e-a621-
da1601ab8cec
SM_V9_2 iris    exon    19805572        19806782        .       +
        .       Parent=Smp_129670.2;Name=eb630eb6-439d-45ba-
a2d9-8084d732d9a5
SM_V9_2 iris    exon    19808761        19808987        .       +
        .       Parent=Smp_129670.2;Name=21577e53-851c-4fe9-a830-
bd69cfcc5bdf
SM_V9_2 iris    exon    19810164        19810464        .       +
        .       Parent=Smp_129670.2;Name=3d991362-0971-4cc9-8883-
b55b7a75ccbd
SM_V9_2 iris    exon    19812603        19813288        .       +
        .       Parent=Smp_129670.2;Name=6ece0cf4-dd76-4f89-9f88-
ca84d25b0221
SM_V9_2 iris    exon    19814898        19814993        .       +
        .
Parent=Smp_129670.2;Name=d860efbb-40ee-4609-9586-387b7ace7bfb
SM_V9_2 iris    exon    19819549        19821829        .       +
        .       Parent=Smp_129670.2;Name=85e96c56-7836-48ae-
b468-2b8421384c7d
SM_V9_2 iris    CDS     19760573        19761980        .       +
        0       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19764289        19765244        .       +
        2       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19787090        19787677        .       +
        0       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19790590        19790698        .       +
        0       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19794945        19795213        .       +
        2       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19795809        19796053        .       +
        0       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19805572        19806782        .       +
        1       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19808761        19808987        .       +
        2       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19810164        19810464        .       +
        0       Parent=Smp_129670.2
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SM_V9_2 iris    CDS     19812603        19813288        .       +
        2       Parent=Smp_129670.2
SM_V9_2 iris    CDS     19814898        19814909        .       +
        0       Parent=Smp_129670.2
SM_V9_2 iris    non_canonical_five_prime_splice_site    19814996
        19814996        .       +       .       ID=Smp_129670.1-
non_canonical_five_prime_splice_site-19814995;Name=Smp_129670.1-
non_canonical_five_prime_splice_site-19814995
SM_V9_2 iris    non_canonical_five_prime_splice_site    19814996
        19814996        .       +       .       ID=Smp_129670.2-
non_canonical_five_prime_splice_site-19814995;Name=Smp_129670.2-
non_canonical_five_prime_splice_site-19814995
SM_V9_2 Liftoff gene    19828537        19831958        .       -
        .       ID=Smp_013870;geneID=Smp_013870
SM_V9_2 Liftoff mRNA    19828537        19831958        .       -
        .
ID=Smp_013870.1;Parent=Smp_013870;geneID=Smp_013870;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    19828537        19831958        .       -
        .       Parent=Smp_013870.1
SM_V9_2 Liftoff CDS     19828902        19829876        .       -
        0       Parent=Smp_013870.1
SM_V9_2 Liftoff gene    19848245        19880627        .       +
        .       ID=Smp_013860;geneID=Smp_013860
SM_V9_2 Liftoff mRNA    19848245        19880627        .       +
        .
ID=Smp_013860.1;Parent=Smp_013860;geneID=Smp_013860;product=Glutamat
e--cysteine ligase catalytic
subunit;polypeptide_domain=InterPro:IPR004308
Pfam:PF03074;Ontology_term=GO:0004357,GO:0006750
SM_V9_2 Liftoff exon    19848245        19849731        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19851356        19851538        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19853779        19853892        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19860978        19861036        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19863492        19863643        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19867547        19867726        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19869195        19869333        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19870273        19870388        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19871573        19871858        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19872326        19872540        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19877368        19877485        .       +
        .       Parent=Smp_013860.1
SM_V9_2 Liftoff exon    19880105        19880627        .       +
        .       Parent=Smp_013860.1
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SM_V9_2 Liftoff CDS     19849475        19849731        .       +
        0       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19851356        19851538        .       +
        1       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19853779        19853892        .       +
        1       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19860978        19861036        .       +
        1       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19863492        19863643        .       +
        2       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19867547        19867726        .       +
        0       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19869195        19869333        .       +
        0       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19870273        19870388        .       +
        2       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19871573        19871858        .       +
        0       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19872326        19872540        .       +
        2       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19877368        19877485        .       +
        0       Parent=Smp_013860.1
SM_V9_2 Liftoff CDS     19880105        19880376        .       +
        2       Parent=Smp_013860.1
SM_V9_2 Liftoff gene    19884262        19908911        .       -
        .       ID=Smp_129650;geneID=Smp_129650
SM_V9_2 Liftoff mRNA    19884262        19908911        .       -
        .
ID=Smp_129650.1;Parent=Smp_129650;geneID=Smp_129650;product=Isoleuci
ne--tRNA ligase,
mitochondrial;polypeptide_domain=InterPro:IPR001412,IPR002300,IPR002
301,IPR009008,IPR009080,IPR013155,IPR014729
Pfam:PF00133,PF08264;Ontology_term=GO:0000166,GO:0002161,GO:0004812,
GO:0004822,GO:0005524,GO:0005737,GO:0006418,GO:0006428
SM_V9_2 Liftoff exon    19884262        19885993        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19886437        19886893        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19892786        19893099        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19894719        19894926        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19896368        19896500        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19897218        19897308        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19898404        19898506        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19899436        19899596        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19900465        19900610        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19901204        19901294        .       -
        .       Parent=Smp_129650.1
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SM_V9_2 Liftoff exon    19901448        19901617        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19901658        19901776        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19902773        19902860        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19902901        19903063        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19903101        19903253        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19903288        19903551        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff exon    19903586        19908911        .       -
        .       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19885706        19885993        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19886437        19886893        .       -
        1       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19892786        19893099        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19894719        19894926        .       -
        1       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19896368        19896500        .       -
        2       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19897218        19897308        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19898404        19898506        .       -
        1       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19899436        19899596        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19900465        19900610        .       -
        2       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19901204        19901294        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19901448        19901617        .       -
        2       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19901658        19901776        .       -
        1       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19902773        19902860        .       -
        2       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19902901        19903063        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19903101        19903253        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19903288        19903551        .       -
        0       Parent=Smp_129650.1
SM_V9_2 Liftoff CDS     19903586        19903726        .       -
        0       Parent=Smp_129650.1
SM_V9_2 iris    gene    19909035        19934799        .       +
        .
ID=Smp_013840;geneID=Smp_013840;gene_name=Smp_013840;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    19909035        19934799        .       +
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ID=Smp_013840.1;Parent=Smp_013840;geneID=Smp_013840;gene_name=Smp_01
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ied=2022-08-01;Name=Smp_013840.1;product=Serine/threonine-protein
kinase MARK2;date_creation=2022-07-30
SM_V9_2 iris    exon    19909035        19909123        .       +
        .       Parent=Smp_013840.1;Name=34609735-d204-49cd-9d64-
f527eed70540
SM_V9_2 iris    exon    19916648        19917000        .       +
        .       Parent=Smp_013840.1;Name=aa4bea83-7a77-4f31-
a775-0bc28c101837
SM_V9_2 iris    exon    19917039        19917153        .       +
        .       Parent=Smp_013840.1;Name=4b04dd1f-dbc4-4c49-8c89-
edef85a22053
SM_V9_2 iris    exon    19918000        19918262        .       +
        .       Parent=Smp_013840.1;Name=3c819955-bc73-4b71-8001-
e2804229babd
SM_V9_2 iris    exon    19918367        19918588        .       +
        .       Parent=Smp_013840.1;Name=cd812d89-d071-4519-
a319-110be5ae36d2
SM_V9_2 iris    exon    19918713        19918966        .       +
        .       Parent=Smp_013840.1;Name=23ebd9d6-205b-487f-9849-
e9244842b245
SM_V9_2 iris    exon    19921332        19921633        .       +
        .       Parent=Smp_013840.1;Name=0481d6d1-
daca-41fd-836b-4a93fa2be3f1
SM_V9_2 iris    exon    19921761        19922228        .       +
        .       Parent=Smp_013840.1;Name=c8e3f0b5-90be-41ca-
b26e-97e8ae11b294
SM_V9_2 iris    exon    19924142        19924433        .       +
        .       Parent=Smp_013840.1;Name=d0783476-d157-4a0c-ad19-
a025707dcc64
SM_V9_2 iris    exon    19926989        19927252        .       +
        .       Parent=Smp_013840.1;Name=63ea6556-f9db-443e-94d2-
dfe4ace6a304
SM_V9_2 iris    exon    19929965        19930324        .       +
        .       Parent=Smp_013840.1;Name=4e924497-80e1-4265-
aae0-7769993494f9
SM_V9_2 iris    exon    19931677        19934799        .       +
        .       Parent=Smp_013840.1;Name=bb740dc4-7417-445d-
ac44-21ed21ab8a61
SM_V9_2 iris    CDS     19916695        19917000        .       +
        0       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19917039        19917153        .       +
        0       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19918000        19918262        .       +
        2       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19918367        19918588        .       +
        0       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19918713        19918966        .       +
        0       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19921332        19921633        .       +
        1       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19921761        19922228        .       +
        2       Parent=Smp_013840.1
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SM_V9_2 iris    CDS     19924142        19924433        .       +
        2       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19926989        19927252        .       +
        1       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19929965        19930324        .       +
        1       Parent=Smp_013840.1
SM_V9_2 iris    CDS     19931677        19932268        .       +
        1       Parent=Smp_013840.1
SM_V9_2 iris    mRNA    19909035        19934799        .       +
        .
ID=Smp_013840.2;Parent=Smp_013840;geneID=Smp_013840;gene_name=Smp_01
3840;owner=irisadmin@local.host;orig_id=Smp_013840.1;date_last_modif
ied=2022-08-01;Name=Smp_013840.2;product=Serine/threonine-protein
kinase MARK2;date_creation=2022-07-30
SM_V9_2 iris    exon    19909035        19909123        .       +
        .       Parent=Smp_013840.2;Name=9b845f53-b1b1-43a5-857e-
d9feaa5e795c
SM_V9_2 iris    exon    19916713        19917000        .       +
        .       Parent=Smp_013840.2;Name=2b446fbf-7cb1-469d-9144-
c5e9a9ade298
SM_V9_2 iris    exon    19917039        19917153        .       +
        .       Parent=Smp_013840.2;Name=e7540060-bd9d-4ac4-
a751-479e04a82fd9
SM_V9_2 iris    exon    19918000        19918262        .       +
        .
Parent=Smp_013840.2;Name=d28eac9e-77b8-4484-8f80-7fac7edf21e1
SM_V9_2 iris    exon    19918367        19918588        .       +
        .       Parent=Smp_013840.2;Name=8e948700-c701-46da-8598-
ffbab312c61e
SM_V9_2 iris    exon    19918713        19918966        .       +
        .       Parent=Smp_013840.2;Name=a91dbbfc-1e77-44df-
b595-912feac529dd
SM_V9_2 iris    exon    19921332        19921633        .       +
        .       Parent=Smp_013840.2;Name=c824a966-
dc51-4211-8eb2-61a74103a93e
SM_V9_2 iris    exon    19921761        19922228        .       +
        .       Parent=Smp_013840.2;Name=959da407-
eb8b-42fe-82c7-313efb63d182
SM_V9_2 iris    exon    19924142        19924433        .       +
        .       Parent=Smp_013840.2;Name=6699e83b-a480-4894-852d-
a42f6b555047
SM_V9_2 iris    exon    19926989        19927252        .       +
        .       Parent=Smp_013840.2;Name=f14168ea-
e174-40a9-9ccb-961d262741ea
SM_V9_2 iris    exon    19927493        19927552        .       +
        .       Parent=Smp_013840.2;Name=835b5f5f-01c2-4997-a6d3-
cdc4aec86f8d
SM_V9_2 iris    exon    19929965        19930324        .       +
        .       Parent=Smp_013840.2;Name=2ca61c64-5194-481c-
b3cd-6ec30f2f7b13
SM_V9_2 iris    exon    19931677        19934799        .       +
        .       Parent=Smp_013840.2;Name=8c38d64c-f402-4129-998e-
a6ad5e9e7683
SM_V9_2 iris    CDS     19916734        19917000        .       +
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        0       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19917039        19917153        .       +
        0       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19918000        19918262        .       +
        2       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19918367        19918588        .       +
        0       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19918713        19918966        .       +
        0       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19921332        19921633        .       +
        1       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19921761        19922228        .       +
        2       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19924142        19924433        .       +
        2       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19926989        19927252        .       +
        1       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19927493        19927552        .       +
        1       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19929965        19930324        .       +
        1       Parent=Smp_013840.2
SM_V9_2 iris    CDS     19931677        19932268        .       +
        1       Parent=Smp_013840.2
SM_V9_2 iris    gene    19980355        20001456        .       +
        .
ID=Smp_129630;geneID=Smp_129630;gene_name=Smp_129630;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    19980355        20001456        .       +
        .
ID=Smp_129630.1;Parent=Smp_129630;geneID=Smp_129630;gene_name=Smp_12
9630;owner=irisadmin@local.host;orig_id=Smp_129630.2;date_last_modif
ied=2022-07-10;Name=Smp_129630.1;product=Pseudouridylate synthase 7
homolog;date_creation=2022-07-10
SM_V9_2 iris    exon    19980355        19980377        .       +
        .
Parent=Smp_129630.1;Name=4f9f111c-15e5-4e10-8fef-7fc7028d35d5
SM_V9_2 iris    exon    19984915        19985070        .       +
        .       Parent=Smp_129630.1;Name=8b94818b-5d52-40cc-8382-
dd28104d4c1f
SM_V9_2 iris    exon    19985108        19985195        .       +
        .       Parent=Smp_129630.1;Name=d4d20f0c-e6dc-46d2-bd1e-
c0f39b65853b
SM_V9_2 iris    exon    19985228        19985320        .       +
        .       Parent=Smp_129630.1;Name=3336deec-
b750-4c1a-8ba3-07defa25a13f
SM_V9_2 iris    exon    19985356        19985488        .       +
        .       Parent=Smp_129630.1;Name=14ab7bf8-1e7f-4bf1-bb5c-
fac923afece3
SM_V9_2 iris    exon    19985531        19985657        .       +
        .       Parent=Smp_129630.1;Name=193c30d5-e9fc-405b-b634-
cb906c436e81
SM_V9_2 iris    exon    19985695        19985772        .       +
        .       Parent=Smp_129630.1;Name=01b575e8-0040-4068-
bccb-4d923a8db243
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SM_V9_2 iris    exon    19985807        19985935        .       +
        .       Parent=Smp_129630.1;Name=17954c89-e65d-4be1-a0f7-
f18856a977bf
SM_V9_2 iris    exon    19985980        19986108        .       +
        .       Parent=Smp_129630.1;Name=9a0a421a-6bac-49fb-a6f7-
b9f4486f3df1
SM_V9_2 iris    exon    19990194        19990255        .       +
        .       Parent=Smp_129630.1;Name=734653a0-5e8b-4576-
bf1e-4a842d0483a0
SM_V9_2 iris    exon    19990292        19990437        .       +
        .       Parent=Smp_129630.1;Name=9c4258aa-630a-4959-
b8dc-33de8bee6fbb
SM_V9_2 iris    exon    19995475        19995643        .       +
        .
Parent=Smp_129630.1;Name=11091387-2f18-4aab-9ea1-9d50979c7bc0
SM_V9_2 iris    exon    19997506        19997688        .       +
        .       Parent=Smp_129630.1;Name=6004fca1-
c156-4536-9be4-07252b54e7c8
SM_V9_2 iris    exon    19998716        19998785        .       +
        .       Parent=Smp_129630.1;Name=fd586d41-a0bd-4655-bb3f-
dfec48512543
SM_V9_2 iris    exon    19999911        20000110        .       +
        .       Parent=Smp_129630.1;Name=97653748-6217-4396-
b8f2-78bc3aa3f68a
SM_V9_2 iris    exon    20001239        20001456        .       +
        .       Parent=Smp_129630.1;Name=f42e8a69-3a4f-4b1a-9270-
c317a48d5c09
SM_V9_2 iris    CDS     19984928        19985070        .       +
        0       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19985108        19985195        .       +
        1       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19985228        19985320        .       +
        0       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19985356        19985488        .       +
        0       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19985531        19985657        .       +
        2       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19985695        19985772        .       +
        1       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19985807        19985935        .       +
        1       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19985980        19986108        .       +
        1       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19990194        19990255        .       +
        1       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19990292        19990437        .       +
        2       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19995475        19995643        .       +
        0       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19997506        19997688        .       +
        2       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19998716        19998785        .       +
        2       Parent=Smp_129630.1
SM_V9_2 iris    CDS     19999911        20000110        .       +
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        1       Parent=Smp_129630.1
SM_V9_2 iris    CDS     20001239        20001342        .       +
        2       Parent=Smp_129630.1
SM_V9_2 iris    gene    20003636        20012203        .       -
        .
ID=Smp_013810;geneID=Smp_013810;gene_name=Smp_013810;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_2 iris    mRNA    20003636        20012203        .       -
        .
ID=Smp_013810.1;Parent=Smp_013810;geneID=Smp_013810;gene_name=Smp_01
3810;owner=irisadmin@local.host;orig_id=Smp_013810.1;date_last_modif
ied=2022-11-13;Name=Smp_013810.1;product=Hypothetical
protein;date_creation=2022-11-13
SM_V9_2 iris    exon    20003636        20004118        .       -
        .
Parent=Smp_013810.1;Name=c9c4f28f-2edd-498f-8ce2-3d4ea30f561b
SM_V9_2 iris    exon    20004254        20004500        .       -
        .
Parent=Smp_013810.1;Name=dce536bc-4bdb-4372-86ed-5b231d05f757
SM_V9_2 iris    exon    20006332        20006683        .       -
        .       Parent=Smp_013810.1;Name=072e4707-
bda2-4cef-82e9-042bd7f04972
SM_V9_2 iris    exon    20009303        20009344        .       -
        .       Parent=Smp_013810.1;Name=84644593-be10-4c1e-ae40-
d2d9748ce541
SM_V9_2 iris    exon    20009377        20009638        .       -
        .       Parent=Smp_013810.1;Name=7d30a62a-9d28-42d8-b350-
b5995d6f1721
SM_V9_2 iris    exon    20009774        20010020        .       -
        .       Parent=Smp_013810.1;Name=26296dec-b2ce-4e65-
bb6a-3f79f91d5d59
SM_V9_2 iris    exon    20011852        20012203        .       -
        .
Parent=Smp_013810.1;Name=d09aa8c4-3d22-4cbc-85d4-356d6e945041
SM_V9_2 iris    CDS     20003799        20004118        .       -
        2       Parent=Smp_013810.1
SM_V9_2 iris    CDS     20004254        20004500        .       -
        0       Parent=Smp_013810.1
SM_V9_2 iris    CDS     20006332        20006683        .       -
        1       Parent=Smp_013810.1
SM_V9_2 iris    CDS     20009303        20009344        .       -
        1       Parent=Smp_013810.1
SM_V9_2 iris    CDS     20009377        20009638        .       -
        2       Parent=Smp_013810.1
SM_V9_2 iris    CDS     20009774        20010020        .       -
        0       Parent=Smp_013810.1
SM_V9_2 iris    CDS     20011852        20012202        .       -
        0       Parent=Smp_013810.1
SM_V9_2 iris    gene    20014734        20017730        .       -
        .
ID=Smp_013815;geneID=Smp_013815;gene_name=Smp_013815;owner=irisadmin
@local.host;date_last_modified=2022-07-30;date_creation=2022-07-30
SM_V9_2 iris    mRNA    20014734        20017730        .       -
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ID=Smp_013815.1;Parent=Smp_013815;geneID=Smp_013815;gene_name=Smp_01
3815;owner=irisadmin@local.host;orig_id=Smp_013810.1;date_last_modif
ied=2022-07-30;Name=Smp_013815.1;date_creation=2022-07-30
SM_V9_2 iris    exon    20014734        20015159        .       -
        .       Parent=Smp_013815.1;Name=b7c4fd1d-d4b5-4760-
b56b-502a58c2f9a3
SM_V9_2 iris    exon    20015295        20015541        .       -
        .       Parent=Smp_013815.1;Name=2c4d09d4-18dc-431e-
b4e1-98fb7770b2c5
SM_V9_2 iris    exon    20017373        20017730        .       -
        .
Parent=Smp_013815.1;Name=31f181c4-733b-4881-9634-4657c822c76b
SM_V9_2 iris    CDS     20014840        20015159        .       -
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SM_V9_2 iris    CDS     20015295        20015541        .       -
        0       Parent=Smp_013815.1
SM_V9_2 iris    CDS     20017373        20017729        .       -
        0       Parent=Smp_013815.1
SM_V9_2 iris    gene    20026189        20030147        .       -
        .
ID=Smp_013790;geneID=Smp_013790;gene_name=Smp_013790;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    20026189        20030147        .       -
        .
ID=Smp_013790.1;Parent=Smp_013790;geneID=Smp_013790;gene_name=Smp_01
3790;owner=irisadmin@local.host;orig_id=Smp_013790.1;date_last_modif
ied=2022-07-10;Name=Smp_013790.1;product=Probable ATP-dependent RNA
helicase DDX5;date_creation=2022-07-10
SM_V9_2 iris    exon    20026189        20027343        .       -
        .       Parent=Smp_013790.1;Name=8715ffe9-6329-4fd6-ab9b-
d1b4c4ba0ff9
SM_V9_2 iris    exon    20028476        20028727        .       -
        .       Parent=Smp_013790.1;Name=e5cf322d-f5ef-42ed-
abc4-327fc839aaa2
SM_V9_2 iris    exon    20028808        20028867        .       -
        .       Parent=Smp_013790.1;Name=9ddc420e-85fd-47e3-acf1-
d7d091456415
SM_V9_2 iris    exon    20028903        20029342        .       -
        .       Parent=Smp_013790.1;Name=c7389270-b0d5-4ae5-
a028-70a146f75833
SM_V9_2 iris    exon    20029377        20030018        .       -
        .       Parent=Smp_013790.1;Name=af08637e-ce96-4df3-
b588-73085e9799a4
SM_V9_2 iris    exon    20030059        20030147        .       -
        .
Parent=Smp_013790.1;Name=2382c76f-58fb-4308-8aa8-5b7765aafd47
SM_V9_2 iris    CDS     20026487        20027343        .       -
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SM_V9_2 iris    CDS     20028476        20028727        .       -
        2       Parent=Smp_013790.1
SM_V9_2 iris    CDS     20028808        20028867        .       -
        2       Parent=Smp_013790.1
SM_V9_2 iris    CDS     20028903        20029342        .       -
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SM_V9_2 iris    CDS     20029377        20030018        .       -
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        0       Parent=Smp_013790.1
SM_V9_2 iris    gene    20104840        20130337        .       -
        .
ID=Smp_344920;geneID=Smp_344920;gene_name=Smp_344920;owner=irisadmin
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SM_V9_2 iris    mRNA    20104840        20130337        .       -
        .
ID=Smp_344920.1;Parent=Smp_344920;geneID=Smp_344920;gene_name=Smp_34
4920;owner=irisadmin@local.host;orig_id=Smp_344920.1;date_last_modif
ied=2022-07-10;Name=Smp_344920.1;product=Zinc finger protein
26;date_creation=2022-07-10
SM_V9_2 iris    exon    20104840        20105481        .       -
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c607-46e2-8878-5d39d9542e21
SM_V9_2 iris    exon    20106553        20106639        .       -
        .       Parent=Smp_344920.1;Name=c673a996-
d044-4b59-8357-1a8879441977
SM_V9_2 iris    exon    20107585        20107656        .       -
        .       Parent=Smp_344920.1;Name=d1cd1beb-9e53-49e8-
bc1f-35903c512047
SM_V9_2 iris    exon    20108406        20108489        .       -
        .       Parent=Smp_344920.1;Name=8b7b532b-2621-4f40-
bb5b-3229e0bda1a8
SM_V9_2 iris    exon    20109193        20109276        .       -
        .       Parent=Smp_344920.1;Name=4b84eedd-2461-4713-
badf-28ed80cb97ed
SM_V9_2 iris    exon    20110348        20110431        .       -
        .       Parent=Smp_344920.1;Name=1a3763a1-bacd-4547-
a322-26f418c3371e
SM_V9_2 iris    exon    20113647        20113730        .       -
        .       Parent=Smp_344920.1;Name=be2f4dc2-c337-4531-
a1ba-5a2c2d35d556
SM_V9_2 iris    exon    20116010        20116093        .       -
        .       Parent=Smp_344920.1;Name=85dddda9-d8c9-49fd-919f-
b1dd91d8d02d
SM_V9_2 iris    exon    20117819        20117902        .       -
        .       Parent=Smp_344920.1;Name=87e6d98a-877f-4921-a4f3-
bfff79f9a4b1
SM_V9_2 iris    exon    20118740        20118823        .       -
        .
Parent=Smp_344920.1;Name=99c40b87-9017-4e84-981b-1689ebf0c20d
SM_V9_2 iris    exon    20128310        20128378        .       -
        .       Parent=Smp_344920.1;Name=da422a77-5812-4c3f-9679-
d02c3ea3eee6
SM_V9_2 iris    exon    20130242        20130337        .       -
        .       Parent=Smp_344920.1;Name=78a61945-e498-4f9b-be57-
f9190c67dd50
SM_V9_2 iris    CDS     20105372        20105481        .       -
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SM_V9_2 iris    CDS     20106553        20106639        .       -
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SM_V9_2 iris    CDS     20107585        20107656        .       -
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SM_V9_2 iris    CDS     20108406        20108489        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20109193        20109276        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20110348        20110431        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20113647        20113730        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20116010        20116093        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20117819        20117902        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20118740        20118823        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20128310        20128378        .       -
        2       Parent=Smp_344920.1
SM_V9_2 iris    CDS     20130242        20130296        .       -
        0       Parent=Smp_344920.1
SM_V9_2 Liftoff gene    20139605        20143263        .       +
        .       ID=Smp_066740;geneID=Smp_066740
SM_V9_2 Liftoff mRNA    20139605        20143263        .       +
        .
ID=Smp_066740.1;Parent=Smp_066740;geneID=Smp_066740;product=39S
ribosomal protein L12,
mitochondrial;polypeptide_domain=InterPro:IPR000206,IPR008932,IPR013
823,IPR014719
Pfam:PF00542,PF16320;Ontology_term=GO:0003735,GO:0005622,GO:0005840,
GO:0006412
SM_V9_2 Liftoff exon    20139605        20139910        .       +
        .       Parent=Smp_066740.1
SM_V9_2 Liftoff exon    20142138        20142341        .       +
        .       Parent=Smp_066740.1
SM_V9_2 Liftoff exon    20143126        20143263        .       +
        .       Parent=Smp_066740.1
SM_V9_2 Liftoff CDS     20139668        20139910        .       +
        0       Parent=Smp_066740.1
SM_V9_2 Liftoff CDS     20142138        20142341        .       +
        0       Parent=Smp_066740.1
SM_V9_2 Liftoff CDS     20143126        20143224        .       +
        0       Parent=Smp_066740.1
SM_V9_2 Liftoff gene    20143267        20147991        .       -
        .       ID=Smp_066730;geneID=Smp_066730
SM_V9_2 Liftoff mRNA    20143267        20147991        .       -
        .
ID=Smp_066730.1;Parent=Smp_066730;geneID=Smp_066730;product=INO80
complex subunit C;polypeptide_domain=InterPro:IPR013272 Pfam:PF08265
SM_V9_2 Liftoff exon    20143267        20143515        .       -
        .       Parent=Smp_066730.1
SM_V9_2 Liftoff exon    20146146        20147991        .       -
        .       Parent=Smp_066730.1
SM_V9_2 Liftoff CDS     20143294        20143515        .       -
        0       Parent=Smp_066730.1
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SM_V9_2 Liftoff CDS     20146146        20146238        .       -
        0       Parent=Smp_066730.1
SM_V9_2 iris    gene    20175637        20193271        .       +
        .
ID=Smp_310980;geneID=Smp_310980;gene_name=Smp_310980;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    20175637        20193271        .       +
        .
ID=Smp_310980.1;Parent=Smp_310980;geneID=Smp_310980;gene_name=Smp_31
0980;owner=irisadmin@local.host;orig_id=Smp_310980.1;date_last_modif
ied=2022-08-01;Name=Smp_310980.1;product=Transcriptional adapter 2-
beta;date_creation=2022-08-01
SM_V9_2 iris    exon    20175637        20175786        .       +
        .
Parent=Smp_310980.1;Name=ee4aaa61-63eb-49e5-9357-79657aa81c73
SM_V9_2 iris    exon    20175824        20175883        .       +
        .       Parent=Smp_310980.1;Name=1b2eebf5-
d566-4ab7-93a2-5d79ec376329
SM_V9_2 iris    exon    20175919        20176013        .       +
        .       Parent=Smp_310980.1;Name=7d7bcc7d-fcd0-4f1b-
b6f7-210b65c79812
SM_V9_2 iris    exon    20176048        20176294        .       +
        .
Parent=Smp_310980.1;Name=fc2a4f79-65dc-4378-954b-029566a9ee44
SM_V9_2 iris    exon    20176329        20176401        .       +
        .       Parent=Smp_310980.1;Name=12df5b3d-6a8b-41e2-88a7-
f4ca5c0b42c0
SM_V9_2 iris    exon    20179255        20180302        .       +
        .       Parent=Smp_310980.1;Name=55887135-d61c-4297-
b246-2bebc66919f5
SM_V9_2 iris    exon    20182833        20183108        .       +
        .       Parent=Smp_310980.1;Name=b30aea6d-2e6f-463b-
b1c1-8fc21b97a3a3
SM_V9_2 iris    exon    20183919        20183995        .       +
        .       Parent=Smp_310980.1;Name=998c3d42-f29d-4f4f-9a36-
cfa9c104fade
SM_V9_2 iris    exon    20188770        20188838        .       +
        .       Parent=Smp_310980.1;Name=8f21b7bd-6a4b-491c-
b74b-612ccd90f26e
SM_V9_2 iris    exon    20192069        20193271        .       +
        .       Parent=Smp_310980.1;Name=2b74f038-2952-4062-a11c-
d9689af4a617
SM_V9_2 iris    CDS     20175688        20175786        .       +
        0       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20175824        20175883        .       +
        0       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20175919        20176013        .       +
        0       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20176048        20176294        .       +
        1       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20176329        20176401        .       +
        0       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20179255        20180302        .       +
        2       Parent=Smp_310980.1
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SM_V9_2 iris    CDS     20182833        20183108        .       +
        1       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20183919        20183995        .       +
        1       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20188770        20188838        .       +
        2       Parent=Smp_310980.1
SM_V9_2 iris    CDS     20192069        20192430        .       +
        2       Parent=Smp_310980.1
SM_V9_2 iris    mRNA    20175637        20193271        .       +
        .
ID=Smp_310980.2;Parent=Smp_310980;geneID=Smp_310980;gene_name=Smp_31
0980;owner=irisadmin@local.host;date_last_modified=2022-08-01;Name=S
mp_310980.2;date_creation=2022-08-01
SM_V9_2 iris    exon    20175637        20175786        .       +
        .       Parent=Smp_310980.2;Name=80ad58ab-
d373-4ae6-9509-920d8d73c2f4
SM_V9_2 iris    exon    20175824        20175883        .       +
        .       Parent=Smp_310980.2;Name=f9377080-8f00-4846-b095-
f27b5aeb2e97
SM_V9_2 iris    exon    20175919        20176013        .       +
        .       Parent=Smp_310980.2;Name=3517f279-e1ea-4f39-9ac2-
af5754c0d09e
SM_V9_2 iris    exon    20176048        20176294        .       +
        .       Parent=Smp_310980.2;Name=93b98555-2f26-4a05-9379-
b352e856d7ab
SM_V9_2 iris    exon    20176329        20176401        .       +
        .       Parent=Smp_310980.2;Name=00adcc70-4d88-44a0-9cf0-
b05b96e9a0e8
SM_V9_2 iris    exon    20179255        20180302        .       +
        .       Parent=Smp_310980.2;Name=a194a737-f2e7-4f46-aeb8-
a47fd7aabfc3
SM_V9_2 iris    exon    20182833        20183108        .       +
        .       Parent=Smp_310980.2;Name=0bda847d-34a5-46e5-
bd58-2c1c2676311c
SM_V9_2 iris    exon    20183919        20183995        .       +
        .
Parent=Smp_310980.2;Name=97d65a78-1873-443d-8af5-97968b991a9c
SM_V9_2 iris    exon    20188770        20188838        .       +
        .
Parent=Smp_310980.2;Name=777333fe-619d-4d0e-9f13-3e3b6f21bf24
SM_V9_2 iris    exon    20191453        20191500        .       +
        .
Parent=Smp_310980.2;Name=e7f5ebcf-06b2-4c46-8560-79119013712a
SM_V9_2 iris    exon    20192069        20193271        .       +
        .       Parent=Smp_310980.2;Name=0f505ca5-9cb9-4bd0-8ba6-
a6badd147b01
SM_V9_2 iris    CDS     20175688        20175786        .       +
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SM_V9_2 iris    CDS     20175824        20175883        .       +
        0       Parent=Smp_310980.2
SM_V9_2 iris    CDS     20175919        20176013        .       +
        0       Parent=Smp_310980.2
SM_V9_2 iris    CDS     20176048        20176294        .       +
        1       Parent=Smp_310980.2
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SM_V9_2 iris    CDS     20176329        20176401        .       +
        0       Parent=Smp_310980.2
SM_V9_2 iris    CDS     20179255        20180302        .       +
        2       Parent=Smp_310980.2
SM_V9_2 iris    CDS     20182833        20183108        .       +
        1       Parent=Smp_310980.2
SM_V9_2 iris    CDS     20183919        20183995        .       +
        1       Parent=Smp_310980.2
SM_V9_2 iris    CDS     20188770        20188838        .       +
        2       Parent=Smp_310980.2
SM_V9_2 iris    CDS     20191453        20191475        .       +
        2       Parent=Smp_310980.2
SM_V9_2 iris    gene    20205810        20217611        .       -
        .
ID=Smp_347100;geneID=Smp_347100;gene_name=Smp_347100;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    20205810        20217611        .       -
        .
ID=Smp_347100.1;Parent=Smp_347100;geneID=Smp_347100;gene_name=Smp_34
7100;owner=irisadmin@local.host;orig_id=Smp_347100.1;date_last_modif
ied=2022-08-01;Name=Smp_347100.1;product=Protein
rexA;date_creation=2022-08-01
SM_V9_2 iris    exon    20205810        20206709        .       -
        .       Parent=Smp_347100.1;Name=0b478493-3b13-4933-aeb8-
a733ea093119
SM_V9_2 iris    exon    20210176        20210287        .       -
        .       Parent=Smp_347100.1;Name=092fcecb-cbae-44b5-
ae43-77034a317853
SM_V9_2 iris    exon    20215908        20216185        .       -
        .       Parent=Smp_347100.1;Name=217903f9-9751-417e-
bb93-76b6185a5c62
SM_V9_2 iris    exon    20216225        20216302        .       -
        .       Parent=Smp_347100.1;Name=705c384e-df38-4536-b250-
a7e8589a26d2
SM_V9_2 iris    exon    20217212        20217346        .       -
        .
Parent=Smp_347100.1;Name=7b51ed7a-2bb7-49df-8285-104377ebf767
SM_V9_2 iris    exon    20217379        20217611        .       -
        .       Parent=Smp_347100.1;Name=2fa4376a-
fa5d-421d-82f7-6ebb257b48b2
SM_V9_2 iris    CDS     20206512        20206709        .       -
        0       Parent=Smp_347100.1
SM_V9_2 iris    CDS     20210176        20210287        .       -
        1       Parent=Smp_347100.1
SM_V9_2 iris    CDS     20215908        20216185        .       -
        0       Parent=Smp_347100.1
SM_V9_2 iris    CDS     20216225        20216302        .       -
        0       Parent=Smp_347100.1
SM_V9_2 iris    CDS     20217212        20217346        .       -
        0       Parent=Smp_347100.1
SM_V9_2 iris    CDS     20217379        20217519        .       -
        0       Parent=Smp_347100.1
SM_V9_2 iris    gene    20228702        20229370        .       +
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@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    20228702        20229370        .       +
       .
ID=Smp_328110.1;Parent=Smp_328110;geneID=Smp_328110;gene_name=Smp_32
8110;owner=irisadmin@local.host;orig_id=Smp_328110.1;date_last_modif
ied=2022-08-01;Name=Smp_328110.1;product=Thiamine transporter
2;date_creation=2022-08-01
SM_V9_2 iris    exon    20228702        20228888        .       +
       .       Parent=Smp_328110.1;Name=0823f52f-2bf5-493c-a129-
d17a5e043871
SM_V9_2 iris    exon    20228932        20229370        .       +
       .       Parent=Smp_328110.1;Name=98554c27-
d87c-4ee0-9203-58e77efcba98
SM_V9_2 iris    CDS     20228780        20228888        .       +
       0       Parent=Smp_328110.1
SM_V9_2 iris    CDS     20228932        20229062        .       +
       2       Parent=Smp_328110.1
SM_V9_2 Liftoff gene    20235174        20241101        .       -
       .       ID=Smp_328120;geneID=Smp_328120
SM_V9_2 Liftoff mRNA    20235174        20241101        .       -
       .
ID=Smp_328120.1;Parent=Smp_328120;geneID=Smp_328120;product=DNA
polymerase
SM_V9_2 Liftoff exon    20235174        20235866        .       -
       .       Parent=Smp_328120.1
SM_V9_2 Liftoff exon    20237276        20241101        .       -
       .       Parent=Smp_328120.1
SM_V9_2 Liftoff CDS     20235577        20235866        .       -
       2       Parent=Smp_328120.1
SM_V9_2 Liftoff CDS     20237276        20237348        .       -
       0       Parent=Smp_328120.1
SM_V9_2 iris    gene    20250389        20256621        .       -
       .
ID=Smp_158240;geneID=Smp_158240;gene_name=Smp_158240;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    20250389        20256621        .       -
       .
ID=Smp_158240.1;Parent=Smp_158240;geneID=Smp_158240;gene_name=Smp_15
8240;owner=irisadmin@local.host;orig_id=Smp_158240.2;date_last_modif
ied=2022-07-10;Name=Smp_158240.1;product=Fumarate hydratase class
II;date_creation=2022-07-10
SM_V9_2 iris    exon    20250389        20251103        .       -
       .       Parent=Smp_158240.1;Name=e1f72fb8-0442-4f49-
adcd-5ec34a2ffaec
SM_V9_2 iris    exon    20253778        20254009        .       -
       .
Parent=Smp_158240.1;Name=c4ec2762-21aa-4ca7-9119-41d266491ba3
SM_V9_2 iris    exon    20255663        20255872        .       -
       .
Parent=Smp_158240.1;Name=2ae0f1fa-998a-4153-8a9b-584a3d152e5f
SM_V9_2 iris    exon    20255907        20256062        .       -
       .
Parent=Smp_158240.1;Name=d990e18d-3c82-4cf9-9add-01809eda8989
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SM_V9_2 iris    exon    20256098        20256388        .       -
        .       Parent=Smp_158240.1;Name=78192b94-
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SM_V9_2 iris    exon    20256425        20256621        .       -
        .
Parent=Smp_158240.1;Name=b61f164a-021e-4563-8e12-968bf84ed688
SM_V9_2 iris    CDS     20250670        20251103        .       -
        2       Parent=Smp_158240.1
SM_V9_2 iris    CDS     20253778        20254009        .       -
        0       Parent=Smp_158240.1
SM_V9_2 iris    CDS     20255663        20255872        .       -
        0       Parent=Smp_158240.1
SM_V9_2 iris    CDS     20255907        20256062        .       -
        0       Parent=Smp_158240.1
SM_V9_2 iris    CDS     20256098        20256388        .       -
        0       Parent=Smp_158240.1
SM_V9_2 iris    CDS     20256425        20256568        .       -
        0       Parent=Smp_158240.1
SM_V9_2 Liftoff gene    20256735        20265824        .       +
        .       ID=Smp_066670;geneID=Smp_066670
SM_V9_2 Liftoff mRNA    20256735        20265824        .       +
        .
ID=Smp_066670.1;Parent=Smp_066670;geneID=Smp_066670;product=Syntaxin
;polypeptide_domain=InterPro:IPR000727,IPR006011,IPR006012,IPR010989
Pfam:PF00804,PF05739;Ontology_term=GO:0005484,GO:0006886,GO:0016020,
GO:0016192
SM_V9_2 Liftoff exon    20256735        20260165        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20260208        20260291        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20260324        20260423        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20260454        20260528        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20260568        20260638        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20260675        20260783        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20260828        20260901        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20262393        20262530        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20263455        20263565        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff exon    20265271        20265824        .       +
        .       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20260133        20260165        .       +
        0       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20260208        20260291        .       +
        0       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20260324        20260423        .       +
        0       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20260454        20260528        .       +
        2       Parent=Smp_066670.1
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SM_V9_2 Liftoff CDS     20260568        20260638        .       +
        2       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20260675        20260783        .       +
        0       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20260828        20260901        .       +
        2       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20262393        20262530        .       +
        0       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20263455        20263565        .       +
        0       Parent=Smp_066670.1
SM_V9_2 Liftoff CDS     20265271        20265357        .       +
        0       Parent=Smp_066670.1
SM_V9_2 iris    gene    20269460        20316206        .       -
        .
ID=Smp_158230;geneID=Smp_158230;gene_name=Smp_158230;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    20269460        20316206        .       -
        .
ID=Smp_158230.1;Parent=Smp_158230;geneID=Smp_158230;gene_name=Smp_15
8230;owner=irisadmin@local.host;orig_id=Smp_158230.1;date_last_modif
ied=2022-08-01;Name=Smp_158230.1;product=EF-hand calcium-binding
domain-containing protein 5;date_creation=2022-07-30
SM_V9_2 iris    exon    20269460        20269708        .       -
        .       Parent=Smp_158230.1;Name=a15a1879-
debb-4d97-84b8-843416b5ac69
SM_V9_2 iris    exon    20273584        20273827        .       -
        .
Parent=Smp_158230.1;Name=51c3cb75-2d1b-4aa6-9956-2b8492ed33ab
SM_V9_2 iris    exon    20277765        20278185        .       -
        .       Parent=Smp_158230.1;Name=7927e7ab-0270-4456-9845-
ab45dc4acfd7
SM_V9_2 iris    exon    20285175        20285503        .       -
        .       Parent=Smp_158230.1;Name=4fa22031-b107-4850-a7a1-
d5ad4a080743
SM_V9_2 iris    exon    20290238        20290495        .       -
        .       Parent=Smp_158230.1;Name=588bbdf6-557b-400a-
ab22-46bb1ada7635
SM_V9_2 iris    exon    20293144        20293356        .       -
        .       Parent=Smp_158230.1;Name=0f88bcfb-486f-423d-b48a-
d92310bd50d4
SM_V9_2 iris    exon    20297322        20297776        .       -
        .       Parent=Smp_158230.1;Name=8c0d6642-b643-48ea-b7b1-
b824d6121ec9
SM_V9_2 iris    exon    20300582        20300738        .       -
        .
Parent=Smp_158230.1;Name=5780551b-6a86-4315-82e8-8d98dc53ec12
SM_V9_2 iris    exon    20301940        20302118        .       -
        .       Parent=Smp_158230.1;Name=17f3efe4-db98-4c48-
b541-2cad71c73421
SM_V9_2 iris    exon    20304505        20304753        .       -
        .       Parent=Smp_158230.1;Name=37833ed2-ceed-4a80-
a729-2f99bc8ee5c8
SM_V9_2 iris    exon    20306324        20306423        .       -
        .       Parent=Smp_158230.1;Name=56d0562e-f322-405d-
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a342-115bbee6fa47
SM_V9_2 iris    exon    20307810        20307965        .       -
        .       Parent=Smp_158230.1;Name=2345bda3-4278-474f-
a86c-2d8e6895481c
SM_V9_2 iris    exon    20309907        20310044        .       -
        .
Parent=Smp_158230.1;Name=eecd900b-11a9-4432-8f7c-3920ca8d1e6c
SM_V9_2 iris    exon    20312200        20312955        .       -
        .       Parent=Smp_158230.1;Name=c346a07e-efbb-4fc4-b5bf-
cd8698c46791
SM_V9_2 iris    exon    20316133        20316206        .       -
        .       Parent=Smp_158230.1;Name=5020b321-7bec-46e5-b129-
f149b9909589
SM_V9_2 iris    CDS     20269593        20269708        .       -
        2       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20273584        20273827        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20277765        20278185        .       -
        1       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20285175        20285503        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20290238        20290495        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20293144        20293356        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20297322        20297776        .       -
        2       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20300582        20300738        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20301940        20302118        .       -
        2       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20304505        20304753        .       -
        2       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20306324        20306423        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20307810        20307965        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20309907        20310044        .       -
        0       Parent=Smp_158230.1
SM_V9_2 iris    CDS     20312200        20312814        .       -
        0       Parent=Smp_158230.1
SM_V9_2 Liftoff gene    20287365        20289729        .       +
        .       ID=Smp_316720;geneID=Smp_316720
SM_V9_2 Liftoff mRNA    20287365        20289729        .       +
        .
ID=Smp_316720.1;Parent=Smp_316720;geneID=Smp_316720;product=Transcri
ption factor bHLH99
SM_V9_2 Liftoff exon    20287365        20287517        .       +
        .       Parent=Smp_316720.1
SM_V9_2 Liftoff exon    20288169        20289729        .       +
        .       Parent=Smp_316720.1
SM_V9_2 Liftoff CDS     20287499        20287517        .       +
        0       Parent=Smp_316720.1
SM_V9_2 Liftoff CDS     20288169        20289019        .       +
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        2       Parent=Smp_316720.1
SM_V9_2 Liftoff gene    20334529        20337567        .       -
        .       ID=Smp_066630;geneID=Smp_066630
SM_V9_2 Liftoff mRNA    20334529        20337567        .       -
        .
ID=Smp_066630.1;Parent=Smp_066630;geneID=Smp_066630;product=Eukaryot
ic peptide chain release factor subunit
1;polypeptide_domain=InterPro:IPR004403,IPR005140,IPR005141,IPR00514
2,IPR024049,IPR029064
Pfam:PF03463,PF03464,PF03465;Ontology_term=GO:0003747,GO:0005737,GO:
0006415
SM_V9_2 Liftoff exon    20334529        20334785        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff exon    20335696        20335908        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff exon    20336293        20336422        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff exon    20336459        20336614        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff exon    20336648        20336977        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff exon    20337012        20337151        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff exon    20337183        20337358        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff exon    20337394        20337567        .       -
        .       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20334700        20334785        .       -
        2       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20335696        20335908        .       -
        2       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20336293        20336422        .       -
        0       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20336459        20336614        .       -
        0       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20336648        20336977        .       -
        0       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20337012        20337151        .       -
        2       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20337183        20337358        .       -
        1       Parent=Smp_066630.1
SM_V9_2 Liftoff CDS     20337394        20337494        .       -
        0       Parent=Smp_066630.1
SM_V9_2 Liftoff gene    20351371        20353575        .       +
        .       ID=Smp_066620;geneID=Smp_066620
SM_V9_2 Liftoff mRNA    20351371        20353575        .       +
        .
ID=Smp_066620.1;Parent=Smp_066620;geneID=Smp_066620;product=Probable
28S ribosomal protein S25,
mitochondrial;polypeptide_domain=InterPro:IPR007741,IPR012336
Pfam:PF05047
SM_V9_2 Liftoff exon    20351371        20353026        .       +
        .       Parent=Smp_066620.1
SM_V9_2 Liftoff exon    20353064        20353266        .       +
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        .       Parent=Smp_066620.1
SM_V9_2 Liftoff exon    20353313        20353575        .       +
        .       Parent=Smp_066620.1
SM_V9_2 Liftoff CDS     20352832        20353026        .       +
        0       Parent=Smp_066620.1
SM_V9_2 Liftoff CDS     20353064        20353266        .       +
        0       Parent=Smp_066620.1
SM_V9_2 Liftoff CDS     20353313        20353472        .       +
        1       Parent=Smp_066620.1
SM_V9_2 Liftoff gene    20359956        20371247        .       -
        .       ID=Smp_066610;geneID=Smp_066610
SM_V9_2 Liftoff mRNA    20359956        20371247        .       -
        .
ID=Smp_066610.1;Parent=Smp_066610;geneID=Smp_066610;product=Protein
FAM136A;polypeptide_domain=InterPro:IPR008560,IPR035427 Pfam:PF05811
SM_V9_2 Liftoff exon    20359956        20360276        .       -
        .       Parent=Smp_066610.1
SM_V9_2 Liftoff exon    20362725        20362865        .       -
        .       Parent=Smp_066610.1
SM_V9_2 Liftoff exon    20362899        20362994        .       -
        .       Parent=Smp_066610.1
SM_V9_2 Liftoff exon    20365362        20371247        .       -
        .       Parent=Smp_066610.1
SM_V9_2 Liftoff CDS     20360055        20360276        .       -
        0       Parent=Smp_066610.1
SM_V9_2 Liftoff CDS     20362725        20362865        .       -
        0       Parent=Smp_066610.1
SM_V9_2 Liftoff CDS     20362899        20362994        .       -
        0       Parent=Smp_066610.1
SM_V9_2 Liftoff CDS     20365362        20365382        .       -
        0       Parent=Smp_066610.1
SM_V9_2 iris    gene    20392583        20394275        .       +
        .
ID=Smp_196140;geneID=Smp_196140;gene_name=Smp_196140;owner=mb4@sange
r.ac.uk;date_last_modified=2022-07-18;date_creation=2022-01-18
SM_V9_2 iris    mRNA    20392583        20394275        .       +
        .
ID=Smp_196140.1;Parent=Smp_196140;geneID=Smp_196140;gene_name=Smp_19
6140;owner=mb4@sanger.ac.uk;orig_id=Smp_196140.1;date_last_modified=
2022-07-18;Name=Smp_196140.1;product=Selenoprotein
W;date_creation=2022-01-18
SM_V9_2 iris    exon    20392583        20392845        .       +
        .       Parent=Smp_196140.1;Name=2ae0bf6e-68b2-4408-9c43-
c9d6a15e725f
SM_V9_2 iris    exon    20392885        20392909        .       +
        .       Parent=Smp_196140.1;Name=7961cbab-a169-4f47-
b6be-7ff6b6c06a0c
SM_V9_2 iris    exon    20393829        20393882        .       +
        .       Parent=Smp_196140.1;Name=14540b22-5c8f-4afa-9fee-
cacbd62fd081
SM_V9_2 iris    exon    20393918        20393995        .       +
        .       Parent=Smp_196140.1;Name=6bbd506b-31c0-4879-
a759-9d65c9987650
SM_V9_2 iris    exon    20394040        20394275        .       +
```

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        .       Parent=Smp_196140.1;Name=61858488-bd80-4e99-
a413-4655058b27bf
SM_V9_2 iris    CDS     20392817        20392845        .       +
        0       Parent=Smp_196140.1
SM_V9_2 iris    CDS     20392885        20392909        .       +
        1       Parent=Smp_196140.1
SM_V9_2 iris    CDS     20393829        20393882        .       +
        0       Parent=Smp_196140.1
SM_V9_2 iris    CDS     20393918        20393995        .       +
        0       Parent=Smp_196140.1
SM_V9_2 iris    CDS     20394040        20394108        .       +
        0       Parent=Smp_196140.1
SM_V9_2 iris    gene    20398909        20399830        .       -
        .
ID=Smp_111340;geneID=Smp_111340;gene_name=Smp_111340;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    20398909        20399830        .       -
        .
ID=Smp_111340.1;Parent=Smp_111340;geneID=Smp_111340;gene_name=Smp_11
1340;owner=irisadmin@local.host;orig_id=Smp_111340.1;date_last_modif
ied=2022-07-18;Name=Smp_111340.1;product=Hypothetical
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    20398909        20399210        .       -
        .       Parent=Smp_111340.1;Name=6023dae5-c964-41a2-
b711-139fc6ae7057
SM_V9_2 iris    exon    20399346        20399493        .       -
        .       Parent=Smp_111340.1;Name=2775d508-5458-4c9e-
aed0-30a2b33cf973
SM_V9_2 iris    exon    20399616        20399830        .       -
        .       Parent=Smp_111340.1;Name=0ff1de11-07e2-4de1-
b769-38b4a0c5cf5d
SM_V9_2 iris    CDS     20399182        20399210        .       -
        2       Parent=Smp_111340.1
SM_V9_2 iris    CDS     20399346        20399493        .       -
        0       Parent=Smp_111340.1
SM_V9_2 iris    CDS     20399616        20399663        .       -
        0       Parent=Smp_111340.1
SM_V9_2 iris    gene    20459266        20477558        .       +
        .
ID=Smp_123040;geneID=Smp_123040;gene_name=Smp_123040;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    20459266        20477558        .       +
        .
ID=Smp_123040.1;Parent=Smp_123040;geneID=Smp_123040;gene_name=Smp_12
3040;owner=irisadmin@local.host;orig_id=Smp_123040.1;date_last_modif
ied=2022-07-10;Name=Smp_123040.1;product=RING finger and
transmembrane domain-containing protein 2;date_creation=2022-07-10
SM_V9_2 iris    exon    20459266        20459469        .       +
        .
Parent=Smp_123040.1;Name=976274d2-47c2-448d-9f7a-01e153c94641
SM_V9_2 iris    exon    20459504        20459566        .       +
        .       Parent=Smp_123040.1;Name=1e856427-
ac5b-4ac3-83d0-93e7a59de0f5
SM_V9_2 iris    exon    20459749        20459857        .       +
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        .       Parent=Smp_123040.1;Name=1963cfa4-ef93-4c56-
be05-7509c0044891
SM_V9_2 iris    exon    20459893        20460043        .       +
        .       Parent=Smp_123040.1;Name=94cf61e5-7e21-4894-bf28-
e6f3dff1b827
SM_V9_2 iris    exon    20461348        20461503        .       +
        .       Parent=Smp_123040.1;Name=06bc081e-02fe-4ad5-
a348-27e7f1ca5572
SM_V9_2 iris    exon    20466285        20466350        .       +
        .       Parent=Smp_123040.1;Name=045ab580-7650-476d-9623-
e2a5bee0669b
SM_V9_2 iris    exon    20475772        20475861        .       +
        .       Parent=Smp_123040.1;Name=90611446-7212-4469-ac83-
b54cece92f2e
SM_V9_2 iris    exon    20477022        20477558        .       +
        .       Parent=Smp_123040.1;Name=a2f202e8-050e-4bd8-bfbe-
a67ae6b75caa
SM_V9_2 iris    CDS     20459307        20459469        .       +
        0       Parent=Smp_123040.1
SM_V9_2 iris    CDS     20459504        20459566        .       +
        2       Parent=Smp_123040.1
SM_V9_2 iris    CDS     20459749        20459857        .       +
        2       Parent=Smp_123040.1
SM_V9_2 iris    CDS     20459893        20460043        .       +
        1       Parent=Smp_123040.1
SM_V9_2 iris    CDS     20461348        20461503        .       +
        0       Parent=Smp_123040.1
SM_V9_2 iris    CDS     20466285        20466350        .       +
        0       Parent=Smp_123040.1
SM_V9_2 iris    CDS     20475772        20475861        .       +
        0       Parent=Smp_123040.1
SM_V9_2 iris    CDS     20477022        20477153        .       +
        0       Parent=Smp_123040.1
SM_V9_2 iris    gene    20482280        20498317        .       -
        .
ID=Smp_001780;geneID=Smp_001780;gene_name=Smp_001780;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    20482280        20498317        .       -
        .
ID=Smp_001780.1;Parent=Smp_001780;geneID=Smp_001780;gene_name=Smp_00
1780;owner=irisadmin@local.host;orig_id=Smp_001780.3;date_last_modif
ied=2022-08-01;Name=Smp_001780.1;product=Major facilitator
superfamily domain-containing protein 6;date_creation=2022-08-01
SM_V9_2 iris    exon    20482280        20483370        .       -
        .       Parent=Smp_001780.1;Name=1da85092-f315-4fd3-b62e-
c1e4f2dcba3c
SM_V9_2 iris    exon    20486612        20486895        .       -
        .
Parent=Smp_001780.1;Name=00ddc190-01ab-4514-95f2-30e723c2b05a
SM_V9_2 iris    exon    20493118        20493281        .       -
        .       Parent=Smp_001780.1;Name=58ee6e50-251e-4685-8662-
cf54f106930e
SM_V9_2 iris    exon    20497657        20497814        .       -
        .       Parent=Smp_001780.1;Name=bcf9f1c4-
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a8e2-4e65-987c-2831b6951e19
SM_V9_2 iris    exon    20498133        20498317        .       -
        .       Parent=Smp_001780.1;Name=e0939faa-4892-4606-a11b-
b14ac44257a4
SM_V9_2 iris    CDS     20482352        20483370        .       -
        2       Parent=Smp_001780.1
SM_V9_2 iris    CDS     20486612        20486895        .       -
        1       Parent=Smp_001780.1
SM_V9_2 iris    CDS     20493118        20493281        .       -
        0       Parent=Smp_001780.1
SM_V9_2 iris    CDS     20497657        20497814        .       -
        2       Parent=Smp_001780.1
SM_V9_2 iris    CDS     20498133        20498202        .       -
        0       Parent=Smp_001780.1
SM_V9_2 Liftoff gene    20510619        20513500        .       +
        .       ID=Smp_348250;geneID=Smp_348250;note=added from
PMID:29497070
SM_V9_2 Liftoff mRNA    20510619        20513500        .       +
        .
ID=Smp_348250.1;Parent=Smp_348250;geneID=Smp_348250;product=Antigen
peptide transporter 1
SM_V9_2 Liftoff exon    20510619        20510751        .       +
        .       Parent=Smp_348250.1
SM_V9_2 Liftoff exon    20513232        20513500        .       +
        .       Parent=Smp_348250.1
SM_V9_2 Liftoff CDS     20510747        20510751        .       +
        0       Parent=Smp_348250.1
SM_V9_2 Liftoff CDS     20513232        20513451        .       +
        1       Parent=Smp_348250.1
SM_V9_2 Liftoff gene    20522351        20524092        .       -
        .       ID=Smp_123030;geneID=Smp_123030
SM_V9_2 Liftoff mRNA    20522351        20524092        .       -
        .
ID=Smp_123030.1;Parent=Smp_123030;geneID=Smp_123030;product=Arf-GAP
with dual PH domain-containing protein
1;polypeptide_domain=InterPro:IPR001164,IPR001849,IPR011993
Pfam:PF00169,PF01412;Ontology_term=GO:0005096
SM_V9_2 Liftoff exon    20522351        20523869        .       -
        .       Parent=Smp_123030.1
SM_V9_2 Liftoff exon    20523920        20524092        .       -
        .       Parent=Smp_123030.1
SM_V9_2 Liftoff CDS     20522806        20523869        .       -
        2       Parent=Smp_123030.1
SM_V9_2 Liftoff CDS     20523920        20524061        .       -
        0       Parent=Smp_123030.1
SM_V9_2 iris    gene    20536856        20565878        .       -
        .
ID=Smp_123020;geneID=Smp_123020;gene_name=Smp_123020;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    20536856        20565878        .       -
        .
ID=Smp_123020.1;Parent=Smp_123020;geneID=Smp_123020;gene_name=Smp_12
3020;owner=irisadmin@local.host;orig_id=Smp_123020.1;date_last_modif
ied=2022-08-01;Name=Smp_123020.1;product=Hypothetical
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protein;date_creation=2022-07-30
SM_V9_2 iris    exon    20536856        20538394        .       -
        .       Parent=Smp_123020.1;Name=2db47830-2c91-4521-928b-
a71e8bbcd06f
SM_V9_2 iris    exon    20538988        20540247        .       -
        .       Parent=Smp_123020.1;Name=ddacf422-97c9-42eb-
a349-39fdc2ebd3b3
SM_V9_2 iris    exon    20541857        20541959        .       -
        .       Parent=Smp_123020.1;Name=f649dc25-d035-449c-
b991-52a739979faf
SM_V9_2 iris    exon    20564690        20565878        .       -
        .       Parent=Smp_123020.1;Name=5e98df69-5eed-4691-b883-
e7b4ddb97f9f
SM_V9_2 iris    CDS     20537441        20538394        .       -
        0       Parent=Smp_123020.1
SM_V9_2 iris    CDS     20538988        20540247        .       -
        0       Parent=Smp_123020.1
SM_V9_2 iris    CDS     20541857        20541959        .       -
        1       Parent=Smp_123020.1
SM_V9_2 iris    CDS     20564690        20565567        .       -
        0       Parent=Smp_123020.1
SM_V9_2 iris    gene    20617893        20649389        .       +
        .
ID=Smp_123010;geneID=Smp_123010;gene_name=Smp_123010;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-10
SM_V9_2 iris    mRNA    20617893        20649389        .       +
        .
ID=Smp_123010.1;Parent=Smp_123010;geneID=Smp_123010;gene_name=Smp_12
3010;owner=irisadmin@local.host;orig_id=Smp_123010.3;date_last_modif
ied=2022-08-01;Name=Smp_123010.1;product=High affinity cationic
amino acid transporter 1;date_creation=2022-07-10
SM_V9_2 iris    exon    20617893        20618089        .       +
        .       Parent=Smp_123010.1;Name=5b848728-5e35-49b8-
be12-908bdc536fc5
SM_V9_2 iris    exon    20618128        20618247        .       +
        .       Parent=Smp_123010.1;Name=14c7a15c-ec37-476e-a33f-
a25f60cb0954
SM_V9_2 iris    exon    20622975        20623103        .       +
        .       Parent=Smp_123010.1;Name=254a6fe1-354c-47d4-
a426-683f7b3ec4b4
SM_V9_2 iris    exon    20624020        20624175        .       +
        .       Parent=Smp_123010.1;Name=7dbc4544-72ae-44bf-
a8f6-9400fdacac0e
SM_V9_2 iris    exon    20625776        20625915        .       +
        .       Parent=Smp_123010.1;Name=81548896-7740-4a14-aed6-
b40fabf4fc37
SM_V9_2 iris    exon    20627565        20627700        .       +
        .       Parent=Smp_123010.1;Name=61281b77-67e4-4373-
abaa-2df7f745afed
SM_V9_2 iris    exon    20628937        20629159        .       +
        .       Parent=Smp_123010.1;Name=b2af58b9-9235-47b4-bf5a-
de08ea008054
SM_V9_2 iris    exon    20633438        20633577        .       +
        .       Parent=Smp_123010.1;Name=47620969-8361-4b7d-a01c-
```

```
f3e187ae8eb5
SM_V9_2 iris    exon    20635000        20635102        .       +
        .       Parent=Smp_123010.1;Name=9ef5ece4-c14f-4b74-
b423-2f7640ae0aa4
SM_V9_2 iris    exon    20636537        20636641        .       +
        .       Parent=Smp_123010.1;Name=27013554-2f34-4a50-8ec4-
a1228e00637a
SM_V9_2 iris    exon    20638183        20638323        .       +
        .       Parent=Smp_123010.1;Name=d8610b0e-2b58-4af4-9cca-
a35c7b52918d
SM_V9_2 iris    exon    20639391        20639551        .       +
        .       Parent=Smp_123010.1;Name=9545baa1-e66c-4fc7-9658-
b4b8a917a5c9
SM_V9_2 iris    exon    20641237        20641421        .       +
        .       Parent=Smp_123010.1;Name=2273aa34-52c9-4810-9907-
f43d4e4d840b
SM_V9_2 iris    exon    20642673        20642781        .       +
        .       Parent=Smp_123010.1;Name=a3b3d38f-dcea-4171-b7ab-
b30ac0b9c1d2
SM_V9_2 iris    exon    20647958        20648025        .       +
        .       Parent=Smp_123010.1;Name=73b9e24d-cfe1-4c96-
a0e9-104a3cecb115
SM_V9_2 iris    exon    20649100        20649389        .       +
        .       Parent=Smp_123010.1;Name=47757d78-b77b-49f0-
a9ae-37c1fc89cd59
SM_V9_2 iris    CDS     20617960        20618089        .       +
        0       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20618128        20618247        .       +
        2       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20622975        20623103        .       +
        2       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20624020        20624175        .       +
        2       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20625776        20625915        .       +
        2       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20627565        20627700        .       +
        0       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20628937        20629159        .       +
        2       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20633438        20633577        .       +
        1       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20635000        20635102        .       +
        2       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20636537        20636641        .       +
        1       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20638183        20638323        .       +
        1       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20639391        20639551        .       +
        1       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20641237        20641421        .       +
        2       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20642673        20642781        .       +
        0       Parent=Smp_123010.1
SM_V9_2 iris    CDS     20647958        20648019        .       +
```

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        2       Parent=Smp_123010.1
SM_V9_2 iris    gene    20722477        20749271        .       -
        .
ID=Smp_123000;geneID=Smp_123000;gene_name=Smp_123000;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    20722477        20749271        .       -
        .
ID=Smp_123000.1;Parent=Smp_123000;geneID=Smp_123000;gene_name=Smp_12
3000;owner=irisadmin@local.host;orig_id=Smp_123000.1;date_last_modif
ied=2022-08-01;Name=Smp_123000.1;product=Ski
oncogene;date_creation=2022-08-01
SM_V9_2 iris    exon    20722477        20726008        .       -
        .       Parent=Smp_123000.1;Name=7121c0db-75c4-445d-
b765-1a94351b40fa
SM_V9_2 iris    exon    20730767        20731144        .       -
        .       Parent=Smp_123000.1;Name=3952ef04-
bfca-45f4-9a85-452b97748a5e
SM_V9_2 iris    exon    20737868        20738208        .       -
        .       Parent=Smp_123000.1;Name=a0cb4e86-
b0dc-417e-9130-1952c3a9dc56
SM_V9_2 iris    exon    20740364        20741187        .       -
        .       Parent=Smp_123000.1;Name=f0e037d2-14a0-4f7f-857f-
c18c08485292
SM_V9_2 iris    exon    20744983        20745341        .       -
        .       Parent=Smp_123000.1;Name=010b12ec-f8a5-4b48-9e49-
d20699f8085a
SM_V9_2 iris    exon    20747652        20749271        .       -
        .       Parent=Smp_123000.1;Name=8f576cd7-8f9f-4285-9ec2-
be9fbdb3e6c9
SM_V9_2 iris    CDS     20725250        20726008        .       -
        0       Parent=Smp_123000.1
SM_V9_2 iris    CDS     20730767        20731144        .       -
        0       Parent=Smp_123000.1
SM_V9_2 iris    CDS     20737868        20738208        .       -
        2       Parent=Smp_123000.1
SM_V9_2 iris    CDS     20740364        20741187        .       -
        1       Parent=Smp_123000.1
SM_V9_2 iris    CDS     20744983        20745341        .       -
        0       Parent=Smp_123000.1
SM_V9_2 iris    CDS     20747652        20749157        .       -
        0       Parent=Smp_123000.1
SM_V9_2 Liftoff gene    20789983        20790575        .       -
        .       ID=Smp_328130;geneID=Smp_328130
SM_V9_2 Liftoff mRNA    20789983        20790575        .       -
        .
ID=Smp_328130.1;Parent=Smp_328130;geneID=Smp_328130;product=N-alpha-
acetyltransferase, 35 NatC auxiliary subunit homolog
SM_V9_2 Liftoff exon    20789983        20790575        .       -
        .       Parent=Smp_328130.1
SM_V9_2 Liftoff CDS     20790295        20790519        .       -
        0       Parent=Smp_328130.1
SM_V9_2 iris    gene    20838300        20866024        .       -
        .
ID=Smp_122980;geneID=Smp_122980;gene_name=Smp_122980;owner=irisadmin
```

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@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    20838300        20866024        .       -
        .
ID=Smp_122980.1;Parent=Smp_122980;geneID=Smp_122980;gene_name=Smp_12
2980;owner=irisadmin@local.host;orig_id=Smp_122980.1;date_last_modif
ied=2022-08-01;Name=Smp_122980.1;product=Kelch-like protein
5;date_creation=2022-08-01
SM_V9_2 iris    exon    20838300        20838640        .       -
        .       Parent=Smp_122980.1;Name=1577c811-922d-46ac-a22d-
c8c328abcfb6
SM_V9_2 iris    exon    20840894        20841278        .       -
        .       Parent=Smp_122980.1;Name=03f6a2fc-
d7b7-46c2-9a31-305ca1932ed7
SM_V9_2 iris    exon    20845148        20845321        .       -
        .
Parent=Smp_122980.1;Name=4b187f10-7e2f-48be-8342-14230643271b
SM_V9_2 iris    exon    20849485        20849978        .       -
        .       Parent=Smp_122980.1;Name=92b9c2f9-fd7d-4297-95af-
a19c67531709
SM_V9_2 iris    exon    20852065        20852606        .       -
        .       Parent=Smp_122980.1;Name=8f72e2ca-52bf-4e10-
bee5-15288bcca87f
SM_V9_2 iris    exon    20856126        20856372        .       -
        .       Parent=Smp_122980.1;Name=9a3b65fb-75af-4ba9-acbf-
be2e29697691
SM_V9_2 iris    exon    20857385        20857581        .       -
        .       Parent=Smp_122980.1;Name=404a6d50-
ce2a-4b08-9744-40ee4a4b6edd
SM_V9_2 iris    exon    20860478        20862531        .       -
        .       Parent=Smp_122980.1;Name=9095abb8-54cb-45b6-85f4-
a70477678a28
SM_V9_2 iris    exon    20864832        20866024        .       -
        .
Parent=Smp_122980.1;Name=ec6be85b-82f1-48e0-84b9-9b8b8f7feeef
SM_V9_2 iris    CDS     20838524        20838640        .       -
        0       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20840894        20841278        .       -
        1       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20845148        20845321        .       -
        1       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20849485        20849978        .       -
        0       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20852065        20852606        .       -
        2       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20856126        20856372        .       -
        0       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20857385        20857581        .       -
        2       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20860478        20862531        .       -
        1       Parent=Smp_122980.1
SM_V9_2 iris    CDS     20864832        20865556        .       -
        0       Parent=Smp_122980.1
SM_V9_2 iris    gene    20869734        20885315        .       -
        .
```

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ID=Smp_213350;geneID=Smp_213350;gene_name=Smp_213350;owner=irisadmin
@local.host;date_last_modified=2022-07-30;date_creation=2022-07-30
SM_V9_2 iris    mRNA    20869734        20872010        .       -
       .
ID=Smp_213350.1;Parent=Smp_213350;geneID=Smp_213350;gene_name=Smp_21
3350;owner=irisadmin@local.host;date_last_modified=2022-07-30;Name=S
mp_213350.1;product=39S ribosomal protein L51,
mitochondrial;date_creation=2022-07-30
SM_V9_2 iris    exon    20869734        20870061        .       -
       .       Parent=Smp_213350.1;Name=c135234b-
e099-4af2-9111-3ec9f428b341
SM_V9_2 iris    exon    20871557        20872010        .       -
       .       Parent=Smp_213350.1;Name=5421383d-8d21-4d80-b554-
f6edc1c49245
SM_V9_2 iris    CDS     20869820        20870061        .       -
       2       Parent=Smp_213350.1
SM_V9_2 iris    CDS     20871557        20871938        .       -
       0       Parent=Smp_213350.1
SM_V9_2 iris    gene    20876444        20885315        .       -
       .
ID=Smp_213340;geneID=Smp_213340;gene_name=Smp_213340;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    20876444        20885315        .       -
       .
ID=Smp_213340.1;Parent=Smp_213340;geneID=Smp_213340;gene_name=Smp_21
3340;owner=irisadmin@local.host;orig_id=Smp_213340.1;date_last_modif
ied=2022-08-01;Name=Smp_213340.1;product=Nicolin-1;date_creation=202
2-07-30
SM_V9_2 iris    exon    20876444        20877425        .       -
       .       Parent=Smp_213340.1;Name=57aca88a-0423-41d5-bd9b-
ac763c354868
SM_V9_2 iris    exon    20879339        20879397        .       -
       .       Parent=Smp_213340.1;Name=6f207148-69ce-4968-b979-
c97e1f71da21
SM_V9_2 iris    exon    20879447        20879623        .       -
       .       Parent=Smp_213340.1;Name=236458fd-47d3-4d14-
a8d4-16fbd687ebbb
SM_V9_2 iris    exon    20885250        20885315        .       -
       .
Parent=Smp_213340.1;Name=eaa9c09e-77aa-44a5-875b-76a9dbd899a3
SM_V9_2 iris    CDS     20876603        20877425        .       -
       1       Parent=Smp_213340.1
SM_V9_2 iris    CDS     20879339        20879397        .       -
       0       Parent=Smp_213340.1
SM_V9_2 iris    CDS     20879447        20879545        .       -
       0       Parent=Smp_213340.1
SM_V9_2 iris    gene    20891987        20905047        .       +
       .
ID=Smp_122960;geneID=Smp_122960;gene_name=Smp_122960;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    20891987        20905047        .       +
       .
ID=Smp_122960.1;Parent=Smp_122960;geneID=Smp_122960;gene_name=Smp_12
2960;owner=irisadmin@local.host;orig_id=Smp_122960.1;date_last_modif
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ied=2022-07-10;Name=Smp_122960.1;product=Ubiquitin carboxyl-terminal
hydrolase 30;date_creation=2022-07-10
SM_V9_2 iris    exon    20891987        20892100        .       +
        .       Parent=Smp_122960.1;Name=034ad477-7e59-4eda-aadd-
e934ff75fa54
SM_V9_2 iris    exon    20892134        20892235        .       +
        .       Parent=Smp_122960.1;Name=e3ca08c4-
d418-434c-88a8-7759fcc98b94
SM_V9_2 iris    exon    20895202        20895369        .       +
        .       Parent=Smp_122960.1;Name=0b005009-
daeb-4e62-821f-4d80468c542b
SM_V9_2 iris    exon    20896422        20896543        .       +
        .       Parent=Smp_122960.1;Name=161d18c7-02c2-4d47-
a029-62041d5d8cf3
SM_V9_2 iris    exon    20898581        20898706        .       +
        .       Parent=Smp_122960.1;Name=447760e1-12fd-4925-9f2a-
fe2d528cc42b
SM_V9_2 iris    exon    20899179        20899362        .       +
        .       Parent=Smp_122960.1;Name=0de1167e-05e2-42a0-
a2e9-6e5d82fb36c9
SM_V9_2 iris    exon    20902216        20902717        .       +
        .
Parent=Smp_122960.1;Name=936fc9e7-280c-4ad4-9780-1038d5ce635c
SM_V9_2 iris    exon    20903690        20905047        .       +
        .       Parent=Smp_122960.1;Name=06d0d5c0-99a9-4a35-
bd81-40e38be05863
SM_V9_2 iris    CDS     20892079        20892100        .       +
        0       Parent=Smp_122960.1
SM_V9_2 iris    CDS     20892134        20892235        .       +
        2       Parent=Smp_122960.1
SM_V9_2 iris    CDS     20895202        20895369        .       +
        2       Parent=Smp_122960.1
SM_V9_2 iris    CDS     20896422        20896543        .       +
        2       Parent=Smp_122960.1
SM_V9_2 iris    CDS     20898581        20898706        .       +
        0       Parent=Smp_122960.1
SM_V9_2 iris    CDS     20899179        20899362        .       +
        0       Parent=Smp_122960.1
SM_V9_2 iris    CDS     20902216        20902717        .       +
        2       Parent=Smp_122960.1
SM_V9_2 iris    CDS     20903690        20904320        .       +
        1       Parent=Smp_122960.1
SM_V9_2 iris    gene    20907150        20907812        .       -
        .
ID=Smp_001640;geneID=Smp_001640;gene_name=Smp_001640;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    20907150        20907812        .       -
        .
ID=Smp_001640.1;Parent=Smp_001640;geneID=Smp_001640;gene_name=Smp_00
1640;owner=irisadmin@local.host;orig_id=Smp_001640.1;date_last_modif
ied=2022-07-10;Name=Smp_001640.1;product=V-type proton ATPase
subunit G 2;date_creation=2022-07-10
SM_V9_2 iris    exon    20907150        20907450        .       -
        .       Parent=Smp_001640.1;Name=4aada1d7-4744-40da-b190-
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e0bf7f54aa74
SM_V9_2 iris    exon    20907487        20907587        .       -
        .       Parent=Smp_001640.1;Name=512ed066-3f61-44c6-a261-
def5000a66ab
SM_V9_2 iris    exon    20907623        20907812        .       -
        .       Parent=Smp_001640.1;Name=9d0f46a4-
dc1a-4fc6-9491-7cb55f37c828
SM_V9_2 iris    CDS     20907268        20907450        .       -
        0       Parent=Smp_001640.1
SM_V9_2 iris    CDS     20907487        20907587        .       -
        2       Parent=Smp_001640.1
SM_V9_2 iris    CDS     20907623        20907713        .       -
        0       Parent=Smp_001640.1
SM_V9_2 Liftoff gene    20963889        21026904        .       +
        .       ID=Smp_122950;geneID=Smp_122950
SM_V9_2 Liftoff mRNA    20963889        21026904        .       +
        .
ID=Smp_122950.1;Parent=Smp_122950;geneID=Smp_122950;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    20963889        20985947        .       +
        .       Parent=Smp_122950.1
SM_V9_2 Liftoff exon    20996733        20996951        .       +
        .       Parent=Smp_122950.1
SM_V9_2 Liftoff exon    21001706        21002335        .       +
        .       Parent=Smp_122950.1
SM_V9_2 Liftoff exon    21004750        21005529        .       +
        .       Parent=Smp_122950.1
SM_V9_2 Liftoff exon    21019187        21019591        .       +
        .       Parent=Smp_122950.1
SM_V9_2 Liftoff exon    21022691        21022926        .       +
        .       Parent=Smp_122950.1
SM_V9_2 Liftoff exon    21025871        21026904        .       +
        .       Parent=Smp_122950.1
SM_V9_2 Liftoff CDS     20985624        20985947        .       +
        0       Parent=Smp_122950.1
SM_V9_2 Liftoff CDS     20996733        20996951        .       +
        0       Parent=Smp_122950.1
SM_V9_2 Liftoff CDS     21001706        21002335        .       +
        0       Parent=Smp_122950.1
SM_V9_2 Liftoff CDS     21004750        21005529        .       +
        0       Parent=Smp_122950.1
SM_V9_2 Liftoff CDS     21019187        21019591        .       +
        0       Parent=Smp_122950.1
SM_V9_2 Liftoff CDS     21022691        21022926        .       +
        0       Parent=Smp_122950.1
SM_V9_2 Liftoff CDS     21025871        21026084        .       +
        1       Parent=Smp_122950.1
SM_V9_2 Liftoff mRNA    20963889        21026904        .       +
        .
ID=Smp_122950.2;Parent=Smp_122950;geneID=Smp_122950;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    20963889        20985947        .       +
        .       Parent=Smp_122950.2
SM_V9_2 Liftoff exon    20996733        20996951        .       +
```

```
        .       Parent=Smp_122950.2
SM_V9_2 Liftoff exon    21001706        21002335        .       +
        .       Parent=Smp_122950.2
SM_V9_2 Liftoff exon    21004750        21005529        .       +
        .       Parent=Smp_122950.2
SM_V9_2 Liftoff exon    21022691        21022926        .       +
        .       Parent=Smp_122950.2
SM_V9_2 Liftoff exon    21025871        21026904        .       +
        .       Parent=Smp_122950.2
SM_V9_2 Liftoff CDS     20985624        20985947        .       +
        0       Parent=Smp_122950.2
SM_V9_2 Liftoff CDS     20996733        20996951        .       +
        0       Parent=Smp_122950.2
SM_V9_2 Liftoff CDS     21001706        21002335        .       +
        0       Parent=Smp_122950.2
SM_V9_2 Liftoff CDS     21004750        21005529        .       +
        0       Parent=Smp_122950.2
SM_V9_2 Liftoff CDS     21022691        21022926        .       +
        0       Parent=Smp_122950.2
SM_V9_2 Liftoff CDS     21025871        21026084        .       +
        1       Parent=Smp_122950.2
SM_V9_2 iris    gene    21039839        21047513        .       +
        .
ID=Smp_122940;geneID=Smp_122940;gene_name=Smp_122940;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    21039839        21047513        .       +
        .
ID=Smp_122940.1;Parent=Smp_122940;geneID=Smp_122940;gene_name=Smp_12
2940;owner=irisadmin@local.host;orig_id=Smp_122940.2;date_last_modif
ied=2022-08-01;Name=Smp_122940.1;product=Ataxin-3;date_creation=2022
-07-30
SM_V9_2 iris    exon    21039839        21039909        .       +
        .
Parent=Smp_122940.1;Name=bf152878-6f0c-4498-9f06-316ecaeae1ed
SM_V9_2 iris    exon    21039944        21040129        .       +
        .       Parent=Smp_122940.1;Name=a468773c-
d774-4899-8801-9ca5a3e88e95
SM_V9_2 iris    exon    21041139        21041447        .       +
        .
Parent=Smp_122940.1;Name=6e1f86f1-0d2a-4283-880d-799c8d5466cc
SM_V9_2 iris    exon    21042925        21043125        .       +
        .       Parent=Smp_122940.1;Name=74b3edb2-
bbcb-4e60-8712-224c1511fc89
SM_V9_2 iris    exon    21044450        21044510        .       +
        .       Parent=Smp_122940.1;Name=6f815b4d-4527-423f-817d-
e9e1baa2999d
SM_V9_2 iris    exon    21047206        21047513        .       +
        .       Parent=Smp_122940.1;Name=cb92ef17-
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SM_V9_2 iris    CDS     21039886        21039909        .       +
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SM_V9_2 iris    CDS     21039944        21040129        .       +
        0       Parent=Smp_122940.1
SM_V9_2 iris    CDS     21041139        21041447        .       +
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SM_V9_2 iris    CDS     21044450        21044510        .       +
        0       Parent=Smp_122940.1
SM_V9_2 iris    CDS     21047206        21047345        .       +
        2       Parent=Smp_122940.1
SM_V9_2 Liftoff gene    21047358        21051135        .       -
        .       ID=Smp_001610;geneID=Smp_001610
SM_V9_2 Liftoff mRNA    21047358        21051135        .       -
        .
ID=Smp_001610.1;Parent=Smp_001610;geneID=Smp_001610;product=Radial
spoke head protein 9 homolog;polypeptide_domain=InterPro:IPR006802
Pfam:PF04712
SM_V9_2 Liftoff exon    21047358        21047727        .       -
        .       Parent=Smp_001610.1
SM_V9_2 Liftoff exon    21050133        21050279        .       -
        .       Parent=Smp_001610.1
SM_V9_2 Liftoff exon    21050312        21050441        .       -
        .       Parent=Smp_001610.1
SM_V9_2 Liftoff exon    21050480        21050648        .       -
        .       Parent=Smp_001610.1
SM_V9_2 Liftoff exon    21050687        21051135        .       -
        .       Parent=Smp_001610.1
SM_V9_2 Liftoff CDS     21047567        21047727        .       -
        2       Parent=Smp_001610.1
SM_V9_2 Liftoff CDS     21050133        21050279        .       -
        2       Parent=Smp_001610.1
SM_V9_2 Liftoff CDS     21050312        21050441        .       -
        0       Parent=Smp_001610.1
SM_V9_2 Liftoff CDS     21050480        21050648        .       -
        1       Parent=Smp_001610.1
SM_V9_2 Liftoff CDS     21050687        21050913        .       -
        0       Parent=Smp_001610.1
SM_V9_2 Liftoff gene    21056464        21076255        .       -
        .
ID=Smp_122930;geneID=Smp_122930;previous_systematic_id=Smp_114440
SM_V9_2 Liftoff mRNA    21056464        21076255        .       -
        .
ID=Smp_122930.1;Parent=Smp_122930;geneID=Smp_122930;product=Acyl-CoA
dehydrogenase family member 9,
mitochondrial;polypeptide_domain=InterPro:IPR006091,IPR009075,IPR009
100,IPR013786
Pfam:PF00441,PF02770,PF02771;Ontology_term=GO:0008152,GO:0016627,GO:
0050660,GO:0055114
SM_V9_2 Liftoff exon    21056464        21056779        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21057209        21057337        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21058837        21059160        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21059816        21059944        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21061463        21061729        .       -
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SM_V9_2 Liftoff exon    21063652        21063725        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21065455        21065551        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21066046        21066190        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21066896        21066996        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21072421        21072629        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff exon    21074291        21076255        .       -
        .       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21056621        21056779        .       -
        0       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21057209        21057337        .       -
        0       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21058837        21059160        .       -
        0       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21059816        21059944        .       -
        0       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21061463        21061729        .       -
        0       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21063652        21063725        .       -
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SM_V9_2 Liftoff CDS     21065455        21065551        .       -
        0       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21066046        21066190        .       -
        1       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21066896        21066996        .       -
        0       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21072421        21072629        .       -
        2       Parent=Smp_122930.1
SM_V9_2 Liftoff CDS     21074291        21074324        .       -
        0       Parent=Smp_122930.1
SM_V9_2 iris    gene    21077547        21085869        .       -
        .
ID=Smp_001590;geneID=Smp_001590;gene_name=Smp_001590;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    21077547        21085869        .       -
        .
ID=Smp_001590.1;Parent=Smp_001590;geneID=Smp_001590;gene_name=Smp_00
1590;owner=irisadmin@local.host;orig_id=Smp_001590.1;date_last_modif
ied=2022-07-10;Name=Smp_001590.1;product=NADH dehydrogenase
[ubiquinone] 1 alpha subcomplex assembly factor
3;date_creation=2022-07-10
SM_V9_2 iris    exon    21077547        21078803        .       -
        .       Parent=Smp_001590.1;Name=91efba89-bda6-4247-
a257-6a1d4a105600
SM_V9_2 iris    exon    21083159        21083262        .       -
        .       Parent=Smp_001590.1;Name=d98a5b9d-6013-4a8e-9fc3-
bdc3841d34af
SM_V9_2 iris    exon    21083315        21083381        .       -
        .       Parent=Smp_001590.1;Name=ebf72ac2-521d-4570-
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b915-297671003a1a
SM_V9_2 iris    exon    21083433        21083622        .       -
        .       Parent=Smp_001590.1;Name=e7a3c480-
afe8-43e9-954a-94ff72b5e55f
SM_V9_2 iris    exon    21083663        21083730        .       -
        .       Parent=Smp_001590.1;Name=2c1c9325-62c1-43fb-
b2bb-56af3beb5da0
SM_V9_2 iris    exon    21085724        21085869        .       -
        .       Parent=Smp_001590.1;Name=bccf5c72-c8b2-4fbf-b525-
fa09a69e8759
SM_V9_2 iris    CDS     21078507        21078803        .       -
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SM_V9_2 iris    CDS     21083159        21083262        .       -
        2       Parent=Smp_001590.1
SM_V9_2 iris    CDS     21083315        21083381        .       -
        0       Parent=Smp_001590.1
SM_V9_2 iris    CDS     21083433        21083622        .       -
        1       Parent=Smp_001590.1
SM_V9_2 iris    CDS     21083663        21083724        .       -
        0       Parent=Smp_001590.1
SM_V9_2 Liftoff gene    21099039        21106772        .       +
        .       ID=Smp_122920;geneID=Smp_122920
SM_V9_2 Liftoff mRNA    21099039        21106772        .       +
        .
ID=Smp_122920.1;Parent=Smp_122920;geneID=Smp_122920;product=POU
domain, class 2, transcription factor
3;polypeptide_domain=InterPro:IPR000327,IPR001356,IPR009057,IPR01098
2,IPR013847,IPR017970
Pfam:PF00046,PF00157;Ontology_term=GO:0003677,GO:0003700,GO:0006355,
GO:0043565
SM_V9_2 Liftoff exon    21099039        21100412        .       +
        .       Parent=Smp_122920.1
SM_V9_2 Liftoff exon    21100450        21100558        .       +
        .       Parent=Smp_122920.1
SM_V9_2 Liftoff exon    21100592        21100653        .       +
        .       Parent=Smp_122920.1
SM_V9_2 Liftoff exon    21102141        21102288        .       +
        .       Parent=Smp_122920.1
SM_V9_2 Liftoff exon    21104243        21104493        .       +
        .       Parent=Smp_122920.1
SM_V9_2 Liftoff exon    21105519        21105614        .       +
        .       Parent=Smp_122920.1
SM_V9_2 Liftoff exon    21106527        21106772        .       +
        .       Parent=Smp_122920.1
SM_V9_2 Liftoff CDS     21100320        21100412        .       +
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SM_V9_2 Liftoff CDS     21100450        21100558        .       +
        0       Parent=Smp_122920.1
SM_V9_2 Liftoff CDS     21100592        21100653        .       +
        2       Parent=Smp_122920.1
SM_V9_2 Liftoff CDS     21102141        21102288        .       +
        0       Parent=Smp_122920.1
SM_V9_2 Liftoff CDS     21104243        21104493        .       +
        2       Parent=Smp_122920.1
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SM_V9_2 Liftoff CDS     21105519        21105614        .       +
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SM_V9_2 Liftoff CDS     21106527        21106676        .       +
        0       Parent=Smp_122920.1
SM_V9_2 iris    gene    21107011        21182105        .       -
        .
ID=Smp_122910;geneID=Smp_122910;gene_name=Smp_122910;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    21107011        21182105        .       -
        .
ID=Smp_122910.1;Parent=Smp_122910;geneID=Smp_122910;gene_name=Smp_12
2910;owner=irisadmin@local.host;orig_id=Smp_122910.1;date_last_modif
ied=2022-07-10;Name=Smp_122910.1;product=Serine/threonine-protein
kinase mTOR;date_creation=2022-07-10
SM_V9_2 iris    exon    21107011        21107276        .       -
        .       Parent=Smp_122910.1;Name=0f802bcd-6aa6-4cc1-ab7c-
fc4fb19c300d
SM_V9_2 iris    exon    21108829        21108997        .       -
        .       Parent=Smp_122910.1;Name=c127733e-010b-4233-94bf-
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SM_V9_2 iris    exon    21109964        21110029        .       -
        .       Parent=Smp_122910.1;Name=edeba043-afc7-4641-adab-
ae550dab2dd2
SM_V9_2 iris    exon    21111360        21111413        .       -
        .
Parent=Smp_122910.1;Name=d74bad4f-8317-4677-8c99-46facc12ecac
SM_V9_2 iris    exon    21111709        21111949        .       -
        .       Parent=Smp_122910.1;Name=6a2e6a5b-
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SM_V9_2 iris    exon    21114573        21114920        .       -
        .       Parent=Smp_122910.1;Name=7e655f11-fe07-4ffb-b999-
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SM_V9_2 iris    exon    21116646        21116793        .       -
        .       Parent=Smp_122910.1;Name=319f7e1f-aa2f-4f5b-89e1-
bd67247ae623
SM_V9_2 iris    exon    21118327        21118409        .       -
        .       Parent=Smp_122910.1;Name=a2368161-13ac-40ed-9de7-
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SM_V9_2 iris    exon    21120896        21121166        .       -
        .       Parent=Smp_122910.1;Name=b4d59b7c-
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SM_V9_2 iris    exon    21122111        21122246        .       -
        .       Parent=Smp_122910.1;Name=b8781f8f-5129-4d57-9be1-
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SM_V9_2 iris    exon    21123987        21124185        .       -
        .       Parent=Smp_122910.1;Name=29f275d9-
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SM_V9_2 iris    exon    21124648        21124944        .       -
        .       Parent=Smp_122910.1;Name=faa39a7e-5464-441d-b94e-
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SM_V9_2 iris    exon    21126492        21126824        .       -
        .       Parent=Smp_122910.1;Name=bb9ec4b4-eb82-4744-
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SM_V9_2 iris    exon    21128429        21128695        .       -
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        .       Parent=Smp_122910.1;Name=edec100e-4eb2-4923-
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SM_V9_2 iris    exon    21129132        21129684        .       -
        .       Parent=Smp_122910.1;Name=8e5e5a00-e10f-4ab5-9479-
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        .       Parent=Smp_122910.1;Name=e09f9bed-587a-45ed-
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SM_V9_2 iris    exon    21134310        21134455        .       -
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SM_V9_2 iris    exon    21134771        21135022        .       -
        .
Parent=Smp_122910.1;Name=5d9168e7-896e-4330-8cc4-5b63828baf32
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        .       Parent=Smp_122910.1;Name=6822bc0f-b6a1-4885-
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SM_V9_2 iris    exon    21138387        21138529        .       -
        .       Parent=Smp_122910.1;Name=f0685995-afe8-4306-aff1-
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SM_V9_2 iris    exon    21139352        21140110        .       -
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SM_V9_2 iris    exon    21141627        21141884        .       -
        .       Parent=Smp_122910.1;Name=fc41c36b-
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SM_V9_2 iris    exon    21145118        21145362        .       -
        .       Parent=Smp_122910.1;Name=8cd83f20-8c66-4154-98dd-
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SM_V9_2 iris    exon    21146802        21146931        .       -
        .       Parent=Smp_122910.1;Name=4d61811c-f2e0-459a-
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SM_V9_2 iris    exon    21147893        21148027        .       -
        .       Parent=Smp_122910.1;Name=35bc39fe-8432-4c79-82c3-
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SM_V9_2 iris    exon    21149129        21149512        .       -
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SM_V9_2 iris    exon    21149626        21150083        .       -
        .       Parent=Smp_122910.1;Name=7e91a783-
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        .
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SM_V9_2 iris    exon    21154077        21154170        .       -
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        .       Parent=Smp_122910.1;Name=a2ae7bab-a80a-445e-
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        .       Parent=Smp_122910.1;Name=f9091f1a-f540-446d-
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SM_V9_2 iris    exon    21181833        21182105        .       -
        .       Parent=Smp_122910.1;Name=81dcde8a-6f9e-4779-81d3-
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SM_V9_2 iris    CDS     21107261        21107276        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21108829        21108997        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21109964        21110029        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21111360        21111413        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21111709        21111949        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21114573        21114920        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21116646        21116793        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21118327        21118409        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21120896        21121166        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21122111        21122246        .       -
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        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21126492        21126824        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21128429        21128695        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21129132        21129684        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21130711        21131063        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21131168        21131401        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21131610        21131907        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21134310        21134455        .       -
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SM_V9_2 iris    CDS     21135795        21136119        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21138387        21138529        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21139352        21140110        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21141627        21141884        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21145118        21145362        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21146802        21146931        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21147893        21148027        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21149129        21149512        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21149626        21150083        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21151334        21151562        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21152487        21152692        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21154077        21154170        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21154970        21155097        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21155775        21156249        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21158354        21158546        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21160279        21160467        .       -
        1       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21161054        21161169        .       -
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        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21161677        21161994        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21163294        21163425        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21164463        21164837        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21165252        21165353        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21167521        21167747        .       -
        2       Parent=Smp_122910.1
SM_V9_2 iris    CDS     21181833        21182064        .       -
        0       Parent=Smp_122910.1
SM_V9_2 iris    gene    21204409        21216909        .       +
        .
ID=Smp_001560;geneID=Smp_001560;gene_name=Smp_001560;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    21204409        21216909        .       +
        .
ID=Smp_001560.1;Parent=Smp_001560;geneID=Smp_001560;gene_name=Smp_00
1560;owner=irisadmin@local.host;orig_id=Smp_001560.1;date_last_modif
ied=2022-08-01;Name=Smp_001560.1;product=E3 ubiquitin-protein ligase
Zswim2;date_creation=2022-08-01
SM_V9_2 iris    exon    21204409        21204710        .       +
        .       Parent=Smp_001560.1;Name=a5cbb135-8e59-4aa2-
ad8d-194d138ae897
SM_V9_2 iris    exon    21206939        21207188        .       +
        .       Parent=Smp_001560.1;Name=f4ebb2f3-d583-4d6b-
b206-235b0ee983f1
SM_V9_2 iris    exon    21207223        21207340        .       +
        .       Parent=Smp_001560.1;Name=0af8070e-3085-4e99-8764-
d50bd977a721
SM_V9_2 iris    exon    21207375        21207502        .       +
        .       Parent=Smp_001560.1;Name=a480d02c-a228-4c56-
a353-4f6ccb030c3e
SM_V9_2 iris    exon    21207535        21207712        .       +
        .
Parent=Smp_001560.1;Name=e720a6da-00e1-4375-946c-13f3dc8ff2d3
SM_V9_2 iris    exon    21210106        21210473        .       +
        .       Parent=Smp_001560.1;Name=aaaafa06-
db01-4580-8166-5f8da15b679b
SM_V9_2 iris    exon    21212299        21212408        .       +
        .       Parent=Smp_001560.1;Name=23d67aac-
a701-4062-9212-242e88114f35
SM_V9_2 iris    exon    21213586        21213957        .       +
        .       Parent=Smp_001560.1;Name=56eba46b-7f1e-42cb-b498-
d5ebd0bc5a8c
SM_V9_2 iris    exon    21214988        21215222        .       +
        .       Parent=Smp_001560.1;Name=cc8361a2-7e29-4ebc-
bedd-98ffd457883d
SM_V9_2 iris    exon    21216253        21216909        .       +
        .       Parent=Smp_001560.1;Name=3dd405e4-e08e-4a4a-
bb09-4586271a28ca
SM_V9_2 iris    CDS     21207042        21207188        .       +
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        0       Parent=Smp_001560.1
SM_V9_2 iris    CDS     21207223        21207340        .       +
        0       Parent=Smp_001560.1
SM_V9_2 iris    CDS     21207375        21207502        .       +
        2       Parent=Smp_001560.1
SM_V9_2 iris    CDS     21207535        21207712        .       +
        0       Parent=Smp_001560.1
SM_V9_2 iris    CDS     21210106        21210473        .       +
        2       Parent=Smp_001560.1
SM_V9_2 iris    CDS     21212299        21212408        .       +
        0       Parent=Smp_001560.1
SM_V9_2 iris    CDS     21213586        21213957        .       +
        1       Parent=Smp_001560.1
SM_V9_2 iris    CDS     21214988        21215216        .       +
        1       Parent=Smp_001560.1
SM_V9_2 iris    gene    21283998        21323623        .       -
        .
ID=Smp_122900;geneID=Smp_122900;gene_name=Smp_122900;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    21283998        21323623        .       -
        .
ID=Smp_122900.1;Parent=Smp_122900;geneID=Smp_122900;gene_name=Smp_12
2900;owner=irisadmin@local.host;orig_id=Smp_122900.1;date_last_modif
ied=2022-08-01;Name=Smp_122900.1;product=Beta-
arrestin-1;date_creation=2022-07-30
SM_V9_2 iris    exon    21283998        21285946        .       -
        .       Parent=Smp_122900.1;Name=a9a5eea8-25c9-4dc2-8263-
d0dedc9df7cb
SM_V9_2 iris    exon    21289549        21289806        .       -
        .       Parent=Smp_122900.1;Name=d68a8cdb-e102-4fd9-
a82d-01aabd109657
SM_V9_2 iris    exon    21291415        21291501        .       -
        .       Parent=Smp_122900.1;Name=328273b6-49e5-4c51-b8fd-
e5dd0c8a08f2
SM_V9_2 iris    exon    21293953        21294099        .       -
        .       Parent=Smp_122900.1;Name=cc40fe85-9a1b-4b50-
bae8-4f9a51f4da77
SM_V9_2 iris    exon    21298829        21298901        .       -
        .
Parent=Smp_122900.1;Name=d8b1fe06-12db-4edf-8bd1-472ebbeb9840
SM_V9_2 iris    exon    21306990        21307074        .       -
        .       Parent=Smp_122900.1;Name=6f2c111d-ccd8-4f21-925e-
df9de0008e36
SM_V9_2 iris    exon    21309224        21309359        .       -
        .       Parent=Smp_122900.1;Name=51d2b226-9586-4f51-b0e2-
f44bd35198f8
SM_V9_2 iris    exon    21318571        21318638        .       -
        .       Parent=Smp_122900.1;Name=035e10af-bcf3-474c-bd54-
c8bf2cc5afce
SM_V9_2 iris    exon    21320522        21320581        .       -
        .       Parent=Smp_122900.1;Name=5592db5e-fe07-4021-
bb42-71a87d2f8296
SM_V9_2 iris    exon    21322307        21322665        .       -
        .       Parent=Smp_122900.1;Name=d2926e55-b2b3-40db-
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a244-5a531427d0e1
SM_V9_2 iris    exon    21323297        21323357        .       -
        .
Parent=Smp_122900.1;Name=f6860ca2-909d-484b-8029-477013ee4726
SM_V9_2 iris    exon    21323390        21323420        .       -
        .       Parent=Smp_122900.1;Name=fc85e3b9-45dc-43da-b44a-
bedafe23f931
SM_V9_2 iris    exon    21323459        21323623        .       -
        .       Parent=Smp_122900.1;Name=f72892cc-
bb01-47c8-961f-07c87e0c47f5
SM_V9_2 iris    CDS     21285745        21285946        .       -
        1       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21289549        21289806        .       -
        1       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21291415        21291501        .       -
        1       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21293953        21294099        .       -
        1       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21298829        21298901        .       -
        2       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21306990        21307074        .       -
        0       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21309224        21309359        .       -
        1       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21318571        21318638        .       -
        0       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21320522        21320581        .       -
        0       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21322307        21322665        .       -
        2       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21323297        21323357        .       -
        0       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21323390        21323420        .       -
        1       Parent=Smp_122900.1
SM_V9_2 iris    CDS     21323459        21323502        .       -
        0       Parent=Smp_122900.1
SM_V9_2 Liftoff gene    21327926        21350260        .       +
        .       ID=Smp_001530;geneID=Smp_001530
SM_V9_2 Liftoff mRNA    21327926        21350260        .       +
        .
ID=Smp_001530.1;Parent=Smp_001530;geneID=Smp_001530;product=Exocyst
complex component
8;polypeptide_domain=InterPro:IPR001849,IPR011993,IPR016159,IPR03240
3 Pfam:PF08700,PF16528
SM_V9_2 Liftoff exon    21327926        21328091        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21328420        21328659        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21330420        21330556        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21332357        21332502        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21333458        21333614        .       +
        .       Parent=Smp_001530.1
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SM_V9_2 Liftoff exon    21334629        21334917        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21336052        21336405        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21336635        21336934        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21338943        21339076        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21339876        21339998        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21342628        21342733        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21348691        21348878        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff exon    21349761        21350260        .       +
        .       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21327986        21328091        .       +
        0       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21328420        21328659        .       +
        2       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21330420        21330556        .       +
        2       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21332357        21332502        .       +
        0       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21333458        21333614        .       +
        1       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21334629        21334917        .       +
        0       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21336052        21336405        .       +
        2       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21336635        21336934        .       +
        2       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21338943        21339076        .       +
        2       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21339876        21339998        .       +
        0       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21342628        21342733        .       +
        0       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21348691        21348878        .       +
        2       Parent=Smp_001530.1
SM_V9_2 Liftoff CDS     21349761        21349982        .       +
        0       Parent=Smp_001530.1
SM_V9_2 Liftoff gene    21372137        21383842        .       -
        .       ID=Smp_122890;geneID=Smp_122890
SM_V9_2 Liftoff mRNA    21372137        21383842        .       -
        .
ID=Smp_122890.1;Parent=Smp_122890;geneID=Smp_122890;product=WD
repeat-containing protein
20;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;Ontolog
y_term=GO:0005515
SM_V9_2 Liftoff exon    21372137        21374051        .       -
        .       Parent=Smp_122890.1
SM_V9_2 Liftoff exon    21375149        21375311        .       -
        .       Parent=Smp_122890.1
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SM_V9_2 Liftoff exon    21378342        21378938        .       -
        .       Parent=Smp_122890.1
SM_V9_2 Liftoff exon    21380792        21381129        .       -
        .       Parent=Smp_122890.1
SM_V9_2 Liftoff exon    21382727        21383206        .       -
        .       Parent=Smp_122890.1
SM_V9_2 Liftoff exon    21383241        21383494        .       -
        .       Parent=Smp_122890.1
SM_V9_2 Liftoff exon    21383538        21383842        .       -
        .       Parent=Smp_122890.1
SM_V9_2 Liftoff CDS     21373953        21374051        .       -
        0       Parent=Smp_122890.1
SM_V9_2 Liftoff CDS     21375149        21375311        .       -
        1       Parent=Smp_122890.1
SM_V9_2 Liftoff CDS     21378342        21378938        .       -
        1       Parent=Smp_122890.1
SM_V9_2 Liftoff CDS     21380792        21381129        .       -
        0       Parent=Smp_122890.1
SM_V9_2 Liftoff CDS     21382727        21383206        .       -
        0       Parent=Smp_122890.1
SM_V9_2 Liftoff CDS     21383241        21383494        .       -
        2       Parent=Smp_122890.1
SM_V9_2 Liftoff CDS     21383538        21383721        .       -
        0       Parent=Smp_122890.1
SM_V9_2 iris    gene    21396113        21400210        .       +
        .
ID=Smp_001500;geneID=Smp_001500;gene_name=Smp_001500;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    21396113        21400210        .       +
        .
ID=Smp_001500.1;Parent=Smp_001500;geneID=Smp_001500;gene_name=Smp_00
1500;owner=irisadmin@local.host;orig_id=Smp_001500.1;date_last_modif
ied=2022-08-23;Name=Smp_001500.1;product=Eukaryotic translation
initiation factor 4E;date_creation=2022-08-23
SM_V9_2 iris    exon    21396113        21396237        .       +
        .       Parent=Smp_001500.1;Name=186f802f-76c8-4339-
a9ee-3bfb2b7e9329
SM_V9_2 iris    exon    21396276        21396524        .       +
        .
Parent=Smp_001500.1;Name=ca77a1f3-84eb-409a-85a3-2e796f375f70
SM_V9_2 iris    exon    21399215        21400210        .       +
        .
Parent=Smp_001500.1;Name=44242e1c-6e6a-4985-8753-91429fb9459c
SM_V9_2 iris    CDS     21396152        21396237        .       +
        0       Parent=Smp_001500.1
SM_V9_2 iris    CDS     21396276        21396524        .       +
        1       Parent=Smp_001500.1
SM_V9_2 iris    CDS     21399215        21399491        .       +
        1       Parent=Smp_001500.1
SM_V9_2 Liftoff gene    21425116        21509850        .       +
        .
ID=Smp_335980;geneID=Smp_335980;previous_systematic_id=Smp_122870,Sm
p_122880,Smp_187640,Smp_245700
SM_V9_2 Liftoff mRNA    21425116        21509850        .       +
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        .
ID=Smp_335980.1;Parent=Smp_335980;geneID=Smp_335980;product=Regulato
r of G-protein signaling
5;polypeptide_domain=InterPro:IPR016137,IPR024066 Pfam:PF00615
SM_V9_2 Liftoff exon    21425116        21426161        .       +
        .       Parent=Smp_335980.1
SM_V9_2 Liftoff exon    21488454        21488826        .       +
        .       Parent=Smp_335980.1
SM_V9_2 Liftoff exon    21492242        21492390        .       +
        .       Parent=Smp_335980.1
SM_V9_2 Liftoff exon    21499230        21499534        .       +
        .       Parent=Smp_335980.1
SM_V9_2 Liftoff exon    21503778        21503941        .       +
        .       Parent=Smp_335980.1
SM_V9_2 Liftoff exon    21505048        21505365        .       +
        .       Parent=Smp_335980.1
SM_V9_2 Liftoff exon    21508795        21509850        .       +
        .       Parent=Smp_335980.1
SM_V9_2 Liftoff CDS     21425761        21426161        .       +
        0       Parent=Smp_335980.1
SM_V9_2 Liftoff CDS     21488454        21488826        .       +
        1       Parent=Smp_335980.1
SM_V9_2 Liftoff CDS     21492242        21492390        .       +
        0       Parent=Smp_335980.1
SM_V9_2 Liftoff CDS     21499230        21499534        .       +
        1       Parent=Smp_335980.1
SM_V9_2 Liftoff CDS     21503778        21503941        .       +
        2       Parent=Smp_335980.1
SM_V9_2 Liftoff CDS     21505048        21505365        .       +
        0       Parent=Smp_335980.1
SM_V9_2 Liftoff CDS     21508795        21509163        .       +
        0       Parent=Smp_335980.1
SM_V9_2 iris    gene    21524171        21542256        .       -
        .
ID=Smp_328140;geneID=Smp_328140;gene_name=Smp_328140;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    21524171        21542256        .       -
        .
ID=Smp_328140.1;Parent=Smp_328140;geneID=Smp_328140;gene_name=Smp_32
8140;owner=irisadmin@local.host;orig_id=Smp_328140.1;date_last_modif
ied=2022-08-01;Name=Smp_328140.1;product=Endothelin-converting
enzyme 2;date_creation=2022-07-30
SM_V9_2 iris    exon    21524171        21524293        .       -
        .       Parent=Smp_328140.1;Name=910b612f-44b7-4d6c-
bb6f-3951a92577b0
SM_V9_2 iris    exon    21525383        21525459        .       -
        .       Parent=Smp_328140.1;Name=39b31f5c-e8de-48fb-b4ed-
a146a3543498
SM_V9_2 iris    exon    21526111        21526200        .       -
        .       Parent=Smp_328140.1;Name=08b189e7-a5c7-4726-
bfa6-5fe5e5379da4
SM_V9_2 iris    exon    21526916        21526981        .       -
        .       Parent=Smp_328140.1;Name=5d4f74b2-
f9f1-4449-8dc6-76d2c5b5ff73
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SM_V9_2 iris    exon    21528208        21528335        .       -
        .       Parent=Smp_328140.1;Name=8254c214-4f79-4f62-afb4-
d40148602b58
SM_V9_2 iris    exon    21529205        21529389        .       -
        .       Parent=Smp_328140.1;Name=276dda13-
b7a4-482b-86d0-4141bf5d1a59
SM_V9_2 iris    exon    21531192        21531292        .       -
        .       Parent=Smp_328140.1;Name=dffbf87b-9477-43e7-
a402-000b39c217eb
SM_V9_2 iris    exon    21531888        21531986        .       -
        .       Parent=Smp_328140.1;Name=d1e538b6-dd16-45f2-9e3a-
d96c5b96d180
SM_V9_2 iris    exon    21533439        21533551        .       -
        .       Parent=Smp_328140.1;Name=29f9c7c7-5fb4-49dd-8e73-
a8a144decc4c
SM_V9_2 iris    exon    21534042        21534139        .       -
        .       Parent=Smp_328140.1;Name=b1ace72f-4f07-46da-
aeb5-9c91851d5dab
SM_V9_2 iris    exon    21535276        21535424        .       -
        .       Parent=Smp_328140.1;Name=30613beb-ce27-4ef5-
b06a-3d53c0138ee3
SM_V9_2 iris    exon    21535993        21536076        .       -
        .       Parent=Smp_328140.1;Name=0c334575-
e72f-4786-9f40-081b4b3f3692
SM_V9_2 iris    exon    21537148        21537264        .       -
        .       Parent=Smp_328140.1;Name=dd4c8888-73bc-4cce-b80d-
c03df293154f
SM_V9_2 iris    exon    21537988        21538035        .       -
        .       Parent=Smp_328140.1;Name=56ce79e4-3f49-4029-888d-
aa8fc263b016
SM_V9_2 iris    exon    21539299        21539603        .       -
        .       Parent=Smp_328140.1;Name=16e6921a-4759-4c05-
ab16-9642bb92f840
SM_V9_2 iris    exon    21540665        21540856        .       -
        .
Parent=Smp_328140.1;Name=a14c3c70-558e-44c0-8212-7641683a216d
SM_V9_2 iris    exon    21542069        21542107        .       -
        .       Parent=Smp_328140.1;Name=21b76b66-a51b-45d8-88cf-
c50d48bafda6
SM_V9_2 iris    exon    21542150        21542256        .       -
        .       Parent=Smp_328140.1;Name=d9e39410-924e-4eb7-
ac84-1535f7aa7066
SM_V9_2 iris    CDS     21524194        21524293        .       -
        1       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21525383        21525459        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21526111        21526200        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21526916        21526981        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21528208        21528335        .       -
        2       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21529205        21529389        .       -
        1       Parent=Smp_328140.1
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SM_V9_2 iris    CDS     21531192        21531292        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21531888        21531986        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21533439        21533551        .       -
        2       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21534042        21534139        .       -
        1       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21535276        21535424        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21535993        21536076        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21537148        21537264        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21537988        21538035        .       -
        0       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21539299        21539603        .       -
        2       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21540665        21540856        .       -
        2       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21542069        21542107        .       -
        2       Parent=Smp_328140.1
SM_V9_2 iris    CDS     21542150        21542198        .       -
        0       Parent=Smp_328140.1
SM_V9_2 Liftoff gene    21575120        21599280        .       -
        .
ID=Smp_328150;geneID=Smp_328150;previous_systematic_id=Smp_122860
SM_V9_2 Liftoff mRNA    21575120        21599280        .       -
        .
ID=Smp_328150.1;Parent=Smp_328150;geneID=Smp_328150;product=Endothel
in-converting enzyme
2;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_2 Liftoff exon    21575120        21575369        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21577083        21577159        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21577811        21577900        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21578616        21578681        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21579908        21580035        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21585312        21585496        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21586741        21586841        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21587265        21587345        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21587403        21587501        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21588929        21589041        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21589532        21589629        .       -
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        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21590501        21590649        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21591218        21591301        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21592373        21592489        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21593716        21593763        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21595413        21595717        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21596753        21596944        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21599092        21599130        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff exon    21599173        21599280        .       -
        .       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21575270        21575369        .       -
        1       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21577083        21577159        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21577811        21577900        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21578616        21578681        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21579908        21580035        .       -
        2       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21585312        21585496        .       -
        1       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21586741        21586841        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21587265        21587345        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21587403        21587501        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21588929        21589041        .       -
        2       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21589532        21589629        .       -
        1       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21590501        21590649        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21591218        21591301        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21592373        21592489        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21593716        21593763        .       -
        0       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21595413        21595717        .       -
        2       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21596753        21596944        .       -
        2       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21599092        21599130        .       -
        2       Parent=Smp_328150.1
SM_V9_2 Liftoff CDS     21599173        21599221        .       -
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        0       Parent=Smp_328150.1
SM_V9_2 Liftoff gene    21600703        21670177        .       -
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p_155140
SM_V9_2 Liftoff mRNA    21600703        21670177        .       -
        .
ID=Smp_337480.1;Parent=Smp_337480;geneID=Smp_337480;product=Serine/
threonine-protein kinase PAK
mbt;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    21600703        21601994        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21602955        21603182        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21604507        21604666        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21612935        21613068        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21619152        21619340        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21625193        21625984        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21630998        21631591        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21633632        21633985        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff exon    21669813        21670177        .       -
        .       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21601836        21601994        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21602955        21603182        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21604507        21604666        .       -
        1       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21612935        21613068        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21619152        21619340        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21625193        21625984        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21630998        21631591        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21633632        21633985        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff CDS     21669813        21670103        .       -
        0       Parent=Smp_337480.1
SM_V9_2 Liftoff mRNA    21668939        21670177        .       -
        .
ID=Smp_337480.2;Parent=Smp_337480;geneID=Smp_337480;product=Glutamat
e-1-semialdehyde 2,1-aminomutase
SM_V9_2 Liftoff exon    21668939        21669775        .       -
        .       Parent=Smp_337480.2
SM_V9_2 Liftoff exon    21669813        21670177        .       -
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        .       Parent=Smp_337480.2
SM_V9_2 Liftoff CDS     21669716        21669775        .       -
        0       Parent=Smp_337480.2
SM_V9_2 Liftoff CDS     21669813        21670103        .       -
        0       Parent=Smp_337480.2
SM_V9_2 Liftoff gene    21688424        21691170        .       +
        .       ID=Smp_061400;geneID=Smp_061400
SM_V9_2 Liftoff mRNA    21688424        21691170        .       +
        .
ID=Smp_061400.1;Parent=Smp_061400;geneID=Smp_061400;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    21688424        21691170        .       +
        .       Parent=Smp_061400.1
SM_V9_2 Liftoff CDS     21688461        21691097        .       +
        0       Parent=Smp_061400.1
SM_V9_2 Liftoff gene    21702248        21703450        .       -
        .       ID=Smp_061390;geneID=Smp_061390
SM_V9_2 Liftoff mRNA    21702248        21703450        .       -
        .
ID=Smp_061390.1;Parent=Smp_061390;geneID=Smp_061390;product=Putative
ZDHHC-type palmitoyltransferase
5;polypeptide_domain=InterPro:IPR020683
SM_V9_2 Liftoff exon    21702248        21703450        .       -
        .       Parent=Smp_061390.1
SM_V9_2 Liftoff CDS     21702273        21703400        .       -
        0       Parent=Smp_061390.1
SM_V9_2 iris    gene    21710827        21818850        .       -
        .
ID=Smp_245710;geneID=Smp_245710;gene_name=Smp_245710;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    21710827        21818850        .       -
        .
ID=Smp_245710.1;Parent=Smp_245710;geneID=Smp_245710;gene_name=Smp_24
5710;owner=irisadmin@local.host;orig_id=Smp_245710.2;date_last_modif
ied=2022-07-10;Name=Smp_245710.1;product=Ras GTPase-activating
protein gap-2;date_creation=2022-07-10
SM_V9_2 iris    exon    21710827        21711926        .       -
        .       Parent=Smp_245710.1;Name=484fcdea-933e-4283-
b9a5-2094238eecc6
SM_V9_2 iris    exon    21715077        21715870        .       -
        .       Parent=Smp_245710.1;Name=dfa02a41-05cb-4303-
b9a5-706afcc91e56
SM_V9_2 iris    exon    21719843        21720187        .       -
        .
Parent=Smp_245710.1;Name=f8be9b34-604b-4345-8436-238b5a238e90
SM_V9_2 iris    exon    21727489        21727746        .       -
        .       Parent=Smp_245710.1;Name=21b96a17-b027-4bac-
b53f-0ec74fbf46c2
SM_V9_2 iris    exon    21730778        21731407        .       -
        .
Parent=Smp_245710.1;Name=64cc2483-82dc-429a-9add-38a4294070d8
SM_V9_2 iris    exon    21732591        21733091        .       -
        .       Parent=Smp_245710.1;Name=892810ea-a560-469b-
aa71-5a5b0dcaad70
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SM_V9_2 iris    exon    21734581        21734821        .       -
        .
Parent=Smp_245710.1;Name=c3901790-2e4d-4743-9df5-9190826a7b2d
SM_V9_2 iris    exon    21738175        21738446        .       -
        .       Parent=Smp_245710.1;Name=057a8b2a-
f299-4201-9dbe-60e062aa00c2
SM_V9_2 iris    exon    21741675        21741754        .       -
        .
Parent=Smp_245710.1;Name=9a4750c0-41c4-4624-8268-5988841513e6
SM_V9_2 iris    exon    21747454        21747619        .       -
        .       Parent=Smp_245710.1;Name=a6bbdaee-84bc-44b4-
a5fd-43197ba35671
SM_V9_2 iris    exon    21748932        21749254        .       -
        .       Parent=Smp_245710.1;Name=aa368500-5af9-427a-
b1f7-240f92581a0d
SM_V9_2 iris    exon    21750163        21750296        .       -
        .       Parent=Smp_245710.1;Name=411786f4-
f971-494e-9c29-0a3bf51c4214
SM_V9_2 iris    exon    21752837        21752935        .       -
        .       Parent=Smp_245710.1;Name=48fafe70-370e-48e4-8676-
e2d8744d23cf
SM_V9_2 iris    exon    21759566        21759667        .       -
        .       Parent=Smp_245710.1;Name=09a7b2ee-1853-47f0-
b4ea-91cc8d745c9a
SM_V9_2 iris    exon    21771716        21772134        .       -
        .
Parent=Smp_245710.1;Name=ac75f0d1-1e13-4f5a-9ea2-43fb5442d5ac
SM_V9_2 iris    exon    21774014        21774470        .       -
        .       Parent=Smp_245710.1;Name=312b0c9f-e6c6-407a-916d-
e7cf7a996a4a
SM_V9_2 iris    exon    21778587        21778687        .       -
        .       Parent=Smp_245710.1;Name=78f19e07-d522-4f28-
ba44-76f3f082d0f5
SM_V9_2 iris    exon    21788569        21788768        .       -
        .       Parent=Smp_245710.1;Name=5d84450d-9031-4aff-
a8e0-4b761aa330c1
SM_V9_2 iris    exon    21813685        21813847        .       -
        .       Parent=Smp_245710.1;Name=b257c6cc-
a01a-4334-965e-70d841db29df
SM_V9_2 iris    exon    21816388        21816521        .       -
        .       Parent=Smp_245710.1;Name=1560f10c-7c50-4809-a771-
fb48679787fc
SM_V9_2 iris    exon    21816563        21816693        .       -
        .
Parent=Smp_245710.1;Name=578b3037-8ca4-4f72-99f7-05833d97d915
SM_V9_2 iris    exon    21818735        21818850        .       -
        .       Parent=Smp_245710.1;Name=e0519fac-93fa-4b2c-
b7f9-1d9e7b31c74a
SM_V9_2 iris    CDS     21711554        21711926        .       -
        1       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21715077        21715870        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21719843        21720187        .       -
        0       Parent=Smp_245710.1
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SM_V9_2 iris    CDS     21727489        21727746        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21730778        21731407        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21732591        21733091        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21734581        21734821        .       -
        1       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21738175        21738446        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21741675        21741754        .       -
        2       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21747454        21747619        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21748932        21749254        .       -
        2       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21750163        21750296        .       -
        1       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21752837        21752935        .       -
        1       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21759566        21759667        .       -
        1       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21771716        21772134        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21774014        21774470        .       -
        1       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21778587        21778687        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21788569        21788768        .       -
        2       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21813685        21813847        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21816388        21816521        .       -
        2       Parent=Smp_245710.1
SM_V9_2 iris    CDS     21816563        21816617        .       -
        0       Parent=Smp_245710.1
SM_V9_2 iris    non_canonical_five_prime_splice_site    21818733
        21818733        .       -       .       ID=Smp_245710.1-
non_canonical_five_prime_splice_site-21818732;Name=Smp_245710.1-
non_canonical_five_prime_splice_site-21818732
SM_V9_2 iris    gene    21831009        21855010        .       -
        .
ID=Smp_169030;geneID=Smp_169030;gene_name=Smp_169030;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    21831009        21855010        .       -
        .
ID=Smp_169030.1;Parent=Smp_169030;geneID=Smp_169030;gene_name=Smp_16
9030;owner=irisadmin@local.host;orig_id=Smp_169030.1;date_last_modif
ied=2022-08-01;Name=Smp_169030.1;product=Probable asparagine--tRNA
ligase, mitochondrial;date_creation=2022-08-01
SM_V9_2 iris    exon    21831009        21831615        .       -
        .       Parent=Smp_169030.1;Name=8431e275-43d5-47c2-
baa5-7a1b6872a780
SM_V9_2 iris    exon    21837849        21838055        .       -
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        .       Parent=Smp_169030.1;Name=7a86d895-96d0-4d62-8cf1-
bdc07f8d2401
SM_V9_2 iris    exon    21844190        21844354        .       -
        .       Parent=Smp_169030.1;Name=8e614fa8-
d585-4efd-8634-7bd52d12c099
SM_V9_2 iris    exon    21853181        21853615        .       -
        .       Parent=Smp_169030.1;Name=06fd6ec5-
c68a-49be-920d-281a1638730a
SM_V9_2 iris    exon    21854301        21855010        .       -
        .
Parent=Smp_169030.1;Name=e3420c81-8bd2-44ff-9694-0cf7035d95fa
SM_V9_2 iris    CDS     21831013        21831615        .       -
        0       Parent=Smp_169030.1
SM_V9_2 iris    CDS     21837849        21838055        .       -
        0       Parent=Smp_169030.1
SM_V9_2 iris    CDS     21844190        21844354        .       -
        0       Parent=Smp_169030.1
SM_V9_2 iris    CDS     21853181        21853615        .       -
        0       Parent=Smp_169030.1
SM_V9_2 iris    CDS     21854301        21854651        .       -
        0       Parent=Smp_169030.1
SM_V9_2 Liftoff gene    21860645        21862206        .       -
        .       ID=Smp_086190;geneID=Smp_086190
SM_V9_2 Liftoff mRNA    21860645        21862206        .       -
        .
ID=Smp_086190.1;Parent=Smp_086190;geneID=Smp_086190;product=Progesti
n and adipoQ receptor family member
6;polypeptide_domain=InterPro:IPR004254
Pfam:PF03006;Ontology_term=GO:0016021
SM_V9_2 Liftoff exon    21860645        21862206        .       -
        .       Parent=Smp_086190.1
SM_V9_2 Liftoff CDS     21860972        21862036        .       -
        0       Parent=Smp_086190.1
SM_V9_2 Liftoff gene    21890501        21890794        .       -
        .       ID=Smp_201530;geneID=Smp_201530
SM_V9_2 Liftoff mRNA    21890501        21890794        .       -
        .
ID=Smp_201530.1;Parent=Smp_201530;geneID=Smp_201530;product=Pentatri
copeptide repeat-containing protein At2g17140
SM_V9_2 Liftoff exon    21890501        21890794        .       -
        .       Parent=Smp_201530.1
SM_V9_2 Liftoff CDS     21890501        21890794        .       -
        0       Parent=Smp_201530.1
SM_V9_2 iris    gene    21899803        21920620        .       -
        .
ID=Smp_169040;geneID=Smp_169040;gene_name=Smp_169040;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    21899803        21920620        .       -
        .
ID=Smp_169040.1;Parent=Smp_169040;geneID=Smp_169040;gene_name=Smp_16
9040;owner=irisadmin@local.host;orig_id=Smp_169040.1;date_last_modif
ied=2022-07-10;Name=Smp_169040.1;product=Lysophospholipid
acyltransferase 5;date_creation=2022-07-10
SM_V9_2 iris    exon    21899803        21901472        .       -
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        .       Parent=Smp_169040.1;Name=2bb3f7bf-13de-4acb-ac2c-
d87dac130eb8
SM_V9_2 iris    exon    21903276        21903434        .       -
        .
Parent=Smp_169040.1;Name=ded6d561-2972-484d-8a15-1a4a31aea6bd
SM_V9_2 iris    exon    21904381        21904528        .       -
        .       Parent=Smp_169040.1;Name=007faf35-21fd-483c-b38e-
c490236ebd3b
SM_V9_2 iris    exon    21907501        21907838        .       -
        .       Parent=Smp_169040.1;Name=44f44e83-aa5c-4759-89cc-
e9701402ff6a
SM_V9_2 iris    exon    21908910        21908996        .       -
        .       Parent=Smp_169040.1;Name=b08e4071-
d583-42fa-8a1a-31a4cfcac46a
SM_V9_2 iris    exon    21911831        21911942        .       -
        .       Parent=Smp_169040.1;Name=943ceea4-3a80-44ae-
a2eb-0a96342b2a1e
SM_V9_2 iris    exon    21914083        21914183        .       -
        .       Parent=Smp_169040.1;Name=ab391b12-
dc8f-4e7d-9045-9d8136669481
SM_V9_2 iris    exon    21915361        21915468        .       -
        .       Parent=Smp_169040.1;Name=fe22e6af-ddf3-4e63-
bd9c-68d94a2d5c6d
SM_V9_2 iris    exon    21918743        21918874        .       -
        .       Parent=Smp_169040.1;Name=36057da3-46ef-4df6-bd53-
e1e09765bc0f
SM_V9_2 iris    exon    21918915        21919021        .       -
        .
Parent=Smp_169040.1;Name=11939ea8-9a67-4f83-8e17-328557929424
SM_V9_2 iris    exon    21919058        21919165        .       -
        .
Parent=Smp_169040.1;Name=0abd0d16-38bc-44d8-92d9-8f73fd430b10
SM_V9_2 iris    exon    21919213        21919379        .       -
        .       Parent=Smp_169040.1;Name=a1bfd351-0674-4535-
a7d0-617db409ef4a
SM_V9_2 iris    exon    21920537        21920620        .       -
        .       Parent=Smp_169040.1;Name=73a8972c-
e693-4f67-8069-65903e81ee26
SM_V9_2 iris    CDS     21901287        21901472        .       -
        0       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21903276        21903434        .       -
        0       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21904381        21904528        .       -
        1       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21907501        21907838        .       -
        0       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21908910        21908996        .       -
        0       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21911831        21911942        .       -
        1       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21914083        21914183        .       -
        0       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21915361        21915468        .       -
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SM_V9_2 iris    CDS     21918743        21918874        .       -
        0       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21918915        21919021        .       -
        2       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21919058        21919165        .       -
        2       Parent=Smp_169040.1
SM_V9_2 iris    CDS     21919213        21919294        .       -
        0       Parent=Smp_169040.1
SM_V9_2 Liftoff gene    21935443        21942427        .       +
        .       ID=Smp_086210;geneID=Smp_086210
SM_V9_2 Liftoff mRNA    21935443        21942427        .       +
        .
ID=Smp_086210.1;Parent=Smp_086210;geneID=Smp_086210;product=Dihydrop
teridine reductase;polypeptide_domain=InterPro:IPR016040,IPR020904
Pfam:PF13561;Ontology_term=GO:0016491
SM_V9_2 Liftoff exon    21935443        21935785        .       +
        .       Parent=Smp_086210.1
SM_V9_2 Liftoff exon    21935814        21936003        .       +
        .       Parent=Smp_086210.1
SM_V9_2 Liftoff exon    21936044        21936184        .       +
        .       Parent=Smp_086210.1
SM_V9_2 Liftoff exon    21938149        21938257        .       +
        .       Parent=Smp_086210.1
SM_V9_2 Liftoff exon    21939854        21939937        .       +
        .       Parent=Smp_086210.1
SM_V9_2 Liftoff exon    21941982        21942427        .       +
        .       Parent=Smp_086210.1
SM_V9_2 Liftoff CDS     21935702        21935785        .       +
        0       Parent=Smp_086210.1
SM_V9_2 Liftoff CDS     21935814        21936003        .       +
        0       Parent=Smp_086210.1
SM_V9_2 Liftoff CDS     21936044        21936184        .       +
        2       Parent=Smp_086210.1
SM_V9_2 Liftoff CDS     21938149        21938257        .       +
        2       Parent=Smp_086210.1
SM_V9_2 Liftoff CDS     21939854        21939937        .       +
        1       Parent=Smp_086210.1
SM_V9_2 Liftoff CDS     21941982        21942084        .       +
        1       Parent=Smp_086210.1
SM_V9_2 iris    gene    21963806        21970696        .       +
        .
ID=Smp_086220;geneID=Smp_086220;gene_name=Smp_086220;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    21963806        21970696        .       +
        .
ID=Smp_086220.1;Parent=Smp_086220;geneID=Smp_086220;gene_name=Smp_08
6220;owner=irisadmin@local.host;orig_id=Smp_086220.1;date_last_modif
ied=2022-08-01;Name=Smp_086220.1;product=Myosin-4;date_creation=2022
-08-01
SM_V9_2 iris    exon    21963806        21963969        .       +
        .       Parent=Smp_086220.1;Name=466f4d00-ad2e-4c3f-
a8f1-901d2d547034
SM_V9_2 iris    exon    21965378        21965500        .       +
        .
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Parent=Smp_086220.1;Name=f45609d5-5d84-4f3b-8ba8-30a8cbf2b642
SM_V9_2 iris    exon    21965532        21965679        .       +
        .       Parent=Smp_086220.1;Name=b0f2af4a-4d2b-495e-a959-
f7d7c1eefe20
SM_V9_2 iris    exon    21965717        21965852        .       +
        .       Parent=Smp_086220.1;Name=7b8a4c7e-8c0f-409b-89df-
f77a1136e7dc
SM_V9_2 iris    exon    21965883        21966017        .       +
        .
Parent=Smp_086220.1;Name=01ebdee9-5a0d-4b41-90a4-00b0f1956cbb
SM_V9_2 iris    exon    21969787        21969910        .       +
        .       Parent=Smp_086220.1;Name=871a9000-
c0a8-46a8-817e-26628e59eb7f
SM_V9_2 iris    exon    21969951        21970010        .       +
        .
Parent=Smp_086220.1;Name=14018143-064f-4c0d-9ad8-7c9bd69fee70
SM_V9_2 iris    exon    21970055        21970126        .       +
        .
Parent=Smp_086220.1;Name=84b9925c-46c4-496d-8749-6ab85aff1cca
SM_V9_2 iris    exon    21970165        21970212        .       +
        .       Parent=Smp_086220.1;Name=956377e1-b554-4086-
b43c-1132432afd53
SM_V9_2 iris    exon    21970258        21970696        .       +
        .
Parent=Smp_086220.1;Name=c0b791aa-3148-43c3-8a94-09cd3939a3ff
SM_V9_2 iris    CDS     21965477        21965500        .       +
        0       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21965532        21965679        .       +
        0       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21965717        21965852        .       +
        2       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21965883        21966017        .       +
        1       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21969787        21969910        .       +
        1       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21969951        21970010        .       +
        0       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21970055        21970126        .       +
        0       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21970165        21970212        .       +
        0       Parent=Smp_086220.1
SM_V9_2 iris    CDS     21970258        21970311        .       +
        0       Parent=Smp_086220.1
SM_V9_2 iris    gene    21986646        21993885        .       -
        .
ID=Smp_169050;geneID=Smp_169050;gene_name=Smp_169050;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    21986646        21993885        .       -
        .
ID=Smp_169050.1;Parent=Smp_169050;geneID=Smp_169050;gene_name=Smp_16
9050;owner=irisadmin@local.host;orig_id=Smp_169050.2;date_last_modif
ied=2022-07-10;Name=Smp_169050.1;product=Solute carrier family 43
member 3;date_creation=2022-07-10
SM_V9_2 iris    exon    21986646        21987823        .       -
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        .       Parent=Smp_169050.1;Name=9c86f21d-8f5c-422e-a00a-
f1257711f992
SM_V9_2 iris    exon    21988432        21989105        .       -
        .       Parent=Smp_169050.1;Name=450fee5a-ceda-40f6-
aeed-8649ee51978d
SM_V9_2 iris    exon    21993823        21993885        .       -
        .       Parent=Smp_169050.1;Name=a9756d25-02c4-463c-a6ab-
b593e80a701e
SM_V9_2 iris    CDS     21987098        21987823        .       -
        0       Parent=Smp_169050.1
SM_V9_2 iris    CDS     21988432        21989105        .       -
        2       Parent=Smp_169050.1
SM_V9_2 iris    CDS     21993823        21993832        .       -
        0       Parent=Smp_169050.1
SM_V9_2 iris    mRNA    21986646        21993885        .       -
        .
ID=Smp_169050.2;Parent=Smp_169050;geneID=Smp_169050;gene_name=Smp_16
9050;owner=irisadmin@local.host;date_last_modified=2022-07-10;Name=S
mp_169050.2;product=Solute carrier family 43 member
3;date_creation=2022-07-10
SM_V9_2 iris    exon    21986646        21987823        .       -
        .       Parent=Smp_169050.2;Name=2da00fa1-88de-4591-
aea2-842ec90af08b
SM_V9_2 iris    exon    21988432        21989105        .       -
        .       Parent=Smp_169050.2;Name=dde217b7-a7e0-464b-
a66a-6c2eece3bec4
SM_V9_2 iris    exon    21990232        21990390        .       -
        .       Parent=Smp_169050.2;Name=bd6fbbae-23d9-47c5-9fa6-
fb99adaa5c09
SM_V9_2 iris    exon    21990442        21990520        .       -
        .       Parent=Smp_169050.2;Name=a3aec954-a7f9-48a0-a4ec-
b0c6168f10c4
SM_V9_2 iris    exon    21990559        21990897        .       -
        .       Parent=Smp_169050.2;Name=fbdc7e73-ab6c-4f9b-
ba09-147f48ca8cb3
SM_V9_2 iris    exon    21993823        21993885        .       -
        .       Parent=Smp_169050.2;Name=0c2b388b-
d66c-449b-9f64-6b5c67b40631
SM_V9_2 iris    CDS     21987098        21987823        .       -
        0       Parent=Smp_169050.2
SM_V9_2 iris    CDS     21988432        21989105        .       -
        2       Parent=Smp_169050.2
SM_V9_2 iris    CDS     21990232        21990247        .       -
        0       Parent=Smp_169050.2
SM_V9_2 Liftoff gene    22004553        22044794        .       +
        .
ID=Smp_311010;geneID=Smp_311010;previous_systematic_id=Smp_169060,Sm
p_212980,Smp_213330
SM_V9_2 Liftoff mRNA    22004553        22044794        .       +
        .
ID=Smp_311010.2;Parent=Smp_311010;geneID=Smp_311010;product=Uncharac
terized protein C6orf203;polypeptide_domain=InterPro:IPR002942
Pfam:PF14940;Ontology_term=GO:0003723
SM_V9_2 Liftoff exon    22004553        22015177        .       +
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        .       Parent=Smp_311010.2
SM_V9_2 Liftoff exon    22015324        22015717        .       +
        .       Parent=Smp_311010.2
SM_V9_2 Liftoff exon    22017671        22017821        .       +
        .       Parent=Smp_311010.2
SM_V9_2 Liftoff exon    22023974        22044794        .       +
        .       Parent=Smp_311010.2
SM_V9_2 Liftoff CDS     22014623        22015177        .       +
        0       Parent=Smp_311010.2
SM_V9_2 Liftoff CDS     22015324        22015717        .       +
        0       Parent=Smp_311010.2
SM_V9_2 Liftoff CDS     22017671        22017821        .       +
        2       Parent=Smp_311010.2
SM_V9_2 Liftoff CDS     22023974        22024058        .       +
        1       Parent=Smp_311010.2
SM_V9_2 Liftoff mRNA    22004593        22044794        .       +
        .
ID=Smp_311010.1;Parent=Smp_311010;geneID=Smp_311010;product=Transmem
brane protein 248;polypeptide_domain=Pfam:PF14940
SM_V9_2 Liftoff exon    22004593        22024367        .       +
        .       Parent=Smp_311010.1
SM_V9_2 Liftoff exon    22026321        22026471        .       +
        .       Parent=Smp_311010.1
SM_V9_2 Liftoff exon    22033187        22033355        .       +
        .       Parent=Smp_311010.1
SM_V9_2 Liftoff exon    22041105        22041246        .       +
        .       Parent=Smp_311010.1
SM_V9_2 Liftoff exon    22043819        22044794        .       +
        .       Parent=Smp_311010.1
SM_V9_2 Liftoff CDS     22024187        22024367        .       +
        0       Parent=Smp_311010.1
SM_V9_2 Liftoff CDS     22026321        22026471        .       +
        2       Parent=Smp_311010.1
SM_V9_2 Liftoff CDS     22033187        22033355        .       +
        1       Parent=Smp_311010.1
SM_V9_2 Liftoff CDS     22041105        22041246        .       +
        0       Parent=Smp_311010.1
SM_V9_2 Liftoff CDS     22043819        22043820        .       +
        2       Parent=Smp_311010.1
SM_V9_2 iris    gene    22046735        22063576        .       +
        .
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    22046735        22063576        .       +
        .
ID=Smp_212970.1;Parent=Smp_212970;geneID=Smp_212970;gene_name=Smp_21
2970;owner=irisadmin@local.host;orig_id=Smp_212970.1;date_last_modif
ied=2022-08-01;Name=Smp_212970.1;product=U4/U6 small nuclear
ribonucleoprotein Prp4;date_creation=2022-07-30
SM_V9_2 iris    exon    22046735        22046858        .       +
        .       Parent=Smp_212970.1;Name=f836c0be-7a18-419a-
ad3d-5eafc9c09e1a
SM_V9_2 iris    exon    22048805        22048875        .       +
        .       Parent=Smp_212970.1;Name=22254a1b-b13f-46ee-
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add5-0130687a66ec
SM_V9_2 iris    exon    22050061        22050133        .       +
        .
Parent=Smp_212970.1;Name=624fa80e-61df-4e73-85ac-2c3e2ad651b8
SM_V9_2 iris    exon    22050981        22051153        .       +
        .       Parent=Smp_212970.1;Name=6df75298-afbc-42fc-a2c9-
ec132361298e
SM_V9_2 iris    exon    22051868        22052044        .       +
        .       Parent=Smp_212970.1;Name=61379c22-b136-4350-bdcc-
f2313aaa6d64
SM_V9_2 iris    exon    22054583        22054825        .       +
        .       Parent=Smp_212970.1;Name=48b9ebd2-d4d5-458e-
b92e-8b1c9687e9f7
SM_V9_2 iris    exon    22062400        22062874        .       +
        .       Parent=Smp_212970.1;Name=5828da44-ad45-440f-8eca-
c1837ff5fda9
SM_V9_2 iris    exon    22063284        22063576        .       +
        .       Parent=Smp_212970.1;Name=1cbe33f4-1535-4cc3-
b3d6-47f3e850b5f2
SM_V9_2 iris    CDS     22046792        22046858        .       +
        0       Parent=Smp_212970.1
SM_V9_2 iris    CDS     22048805        22048875        .       +
        2       Parent=Smp_212970.1
SM_V9_2 iris    CDS     22050061        22050133        .       +
        0       Parent=Smp_212970.1
SM_V9_2 iris    CDS     22050981        22051153        .       +
        2       Parent=Smp_212970.1
SM_V9_2 iris    CDS     22051868        22052044        .       +
        0       Parent=Smp_212970.1
SM_V9_2 iris    CDS     22054583        22054825        .       +
        0       Parent=Smp_212970.1
SM_V9_2 iris    CDS     22062400        22062874        .       +
        0       Parent=Smp_212970.1
SM_V9_2 iris    CDS     22063284        22063483        .       +
        2       Parent=Smp_212970.1
SM_V9_2 iris    gene    22064354        22075719        .       -
        .
ID=Smp_086270;geneID=Smp_086270;gene_name=Smp_086270;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    22064354        22075719        .       -
        .
ID=Smp_086270.1;Parent=Smp_086270;geneID=Smp_086270;gene_name=Smp_08
6270;owner=irisadmin@local.host;orig_id=Smp_086270.1;date_last_modif
ied=2022-08-01;Name=Smp_086270.1;product=Forkhead box protein I2
(Fragment);date_creation=2022-07-30
SM_V9_2 iris    exon    22064354        22065466        .       -
        .
Parent=Smp_086270.1;Name=993069bd-8e05-475a-85f4-3e26cdd4ae75
SM_V9_2 iris    exon    22067747        22069202        .       -
        .       Parent=Smp_086270.1;Name=2c535139-f539-4162-
bc90-0bbf32413815
SM_V9_2 iris    exon    22069889        22069972        .       -
        .
Parent=Smp_086270.1;Name=84acc2df-6e19-4fd6-8a25-07d5af5c5e12
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SM_V9_2 iris    exon    22072651        22072676        .       -
        .
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SM_V9_2 iris    exon    22073856        22074430        .       -
        .       Parent=Smp_086270.1;Name=26f8defa-bbc0-4d80-
ae5a-41b701024cbe
SM_V9_2 iris    exon    22074792        22075504        .       -
        .       Parent=Smp_086270.1;Name=470a7be6-8c16-4a64-
a151-4afd8083e0fc
SM_V9_2 iris    exon    22075618        22075719        .       -
        .       Parent=Smp_086270.1;Name=3e267b6d-48f7-4156-abbe-
d8115a6625ce
SM_V9_2 iris    CDS     22065271        22065466        .       -
        1       Parent=Smp_086270.1
SM_V9_2 iris    CDS     22067747        22069202        .       -
        2       Parent=Smp_086270.1
SM_V9_2 iris    CDS     22069889        22069972        .       -
        2       Parent=Smp_086270.1
SM_V9_2 iris    CDS     22072651        22072676        .       -
        1       Parent=Smp_086270.1
SM_V9_2 iris    CDS     22073856        22074430        .       -
        0       Parent=Smp_086270.1
SM_V9_2 iris    CDS     22074792        22075490        .       -
        0       Parent=Smp_086270.1
SM_V9_2 iris    gene    22089499        22117539        .       -
        .
ID=Smp_169070;geneID=Smp_169070;gene_name=Smp_169070;owner=irisadmin
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SM_V9_2 iris    mRNA    22089499        22117539        .       -
        .
ID=Smp_169070.1;Parent=Smp_169070;geneID=Smp_169070;gene_name=Smp_16
9070;owner=irisadmin@local.host;orig_id=Smp_169070.1;date_last_modif
ied=2022-07-10;Name=Smp_169070.1;product=Protein SFI1
homolog;date_creation=2022-07-10
SM_V9_2 iris    exon    22089499        22089923        .       -
        .       Parent=Smp_169070.1;Name=7901d177-34a9-4279-
b042-83f96539b9be
SM_V9_2 iris    exon    22090068        22090146        .       -
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SM_V9_2 iris    exon    22090181        22090300        .       -
        .       Parent=Smp_169070.1;Name=8804e0af-
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SM_V9_2 iris    exon    22090335        22090398        .       -
        .
Parent=Smp_169070.1;Name=a720cc14-7636-464e-9c46-1fe1340dc398
SM_V9_2 iris    exon    22090431        22090524        .       -
        .       Parent=Smp_169070.1;Name=6aee7ab2-c731-422d-bedc-
bbe62f25c8c5
SM_V9_2 iris    exon    22092099        22092198        .       -
        .       Parent=Smp_169070.1;Name=5be0660d-
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SM_V9_2 iris    exon    22092269        22092538        .       -
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Parent=Smp_169070.1;Name=3e5be7e7-5f3c-4c5e-81b5-3db4b0c50726
SM_V9_2 iris    exon    22102931        22103209        .       -
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edb7-4992-8c0b-8c5da9f20004
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        .       Parent=Smp_169070.1;Name=d8d95e75-40cf-44d8-ae86-
aa91522982e4
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        .       Parent=Smp_169070.1;Name=a0363b63-2278-43f9-
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SM_V9_2 iris    exon    22110013        22110298        .       -
        .
Parent=Smp_169070.1;Name=e702dcd5-6eff-46b8-9d7d-6f2021dbc85f
SM_V9_2 iris    exon    22113727        22114016        .       -
        .       Parent=Smp_169070.1;Name=a35a4267-96bd-4374-8c12-
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SM_V9_2 iris    exon    22114377        22114469        .       -
        .       Parent=Smp_169070.1;Name=ed01bfa3-86d1-4052-
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SM_V9_2 iris    exon    22114540        22114610        .       -
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SM_V9_2 iris    exon    22115061        22115201        .       -
        .       Parent=Smp_169070.1;Name=0bdefe7a-813b-430d-91fc-
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        .       Parent=Smp_169070.1;Name=5a34bf7a-6fb2-4eb4-9ffc-
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SM_V9_2 iris    CDS     22090190        22090300        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22090335        22090398        .       -
        1       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22090431        22090524        .       -
        2       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22092099        22092198        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22092269        22092538        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22102931        22103209        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22103879        22104169        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22108553        22108780        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22110013        22110298        .       -
        1       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22113727        22114016        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22114377        22114469        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22114540        22114610        .       -
        2       Parent=Smp_169070.1
SM_V9_2 iris    CDS     22115061        22115201        .       -
        2       Parent=Smp_169070.1
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SM_V9_2 iris    CDS     22117087        22117384        .       -
        0       Parent=Smp_169070.1
SM_V9_2 iris    gene    22128233        22132004        .       +
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ID=Smp_169090;geneID=Smp_169090;gene_name=Smp_169090;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    22128233        22132004        .       +
        .
ID=Smp_169090.1;Parent=Smp_169090;geneID=Smp_169090;gene_name=Smp_16
9090;owner=irisadmin@local.host;orig_id=Smp_169090.1;date_last_modif
ied=2022-08-01;Name=Smp_169090.1;product=Solute carrier family 43
member 3;date_creation=2022-08-01
SM_V9_2 iris    exon    22128233        22128295        .       +
        .       Parent=Smp_169090.1;Name=010a0383-321e-4daa-
bbbd-348b21d81932
SM_V9_2 iris    exon    22129461        22130131        .       +
        .
Parent=Smp_169090.1;Name=f34fc26a-72b5-4cc8-8b26-2a093e114efd
SM_V9_2 iris    exon    22131110        22132004        .       +
        .
Parent=Smp_169090.1;Name=126c5e14-1534-4f3e-8d79-8fba8a60e6e7
SM_V9_2 iris    CDS     22128286        22128295        .       +
        0       Parent=Smp_169090.1
SM_V9_2 iris    CDS     22129461        22130131        .       +
        2       Parent=Smp_169090.1
SM_V9_2 iris    CDS     22131110        22131838        .       +
        0       Parent=Smp_169090.1
SM_V9_2 Liftoff gene    22162031        22162351        .       -
        .       ID=Smp_201520;geneID=Smp_201520
SM_V9_2 Liftoff mRNA    22162031        22162351        .       -
        .
ID=Smp_201520.1;Parent=Smp_201520;geneID=Smp_201520;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    22162031        22162351        .       -
        .       Parent=Smp_201520.1
SM_V9_2 Liftoff CDS     22162031        22162351        .       -
        0       Parent=Smp_201520.1
SM_V9_2 iris    gene    22177549        22204547        .       +
        .
ID=Smp_245720;geneID=Smp_245720;gene_name=Smp_245720;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    22177549        22204547        .       +
        .
ID=Smp_245720.1;Parent=Smp_245720;geneID=Smp_245720;gene_name=Smp_24
5720;owner=irisadmin@local.host;orig_id=Smp_245720.1;date_last_modif
ied=2022-07-10;Name=Smp_245720.1;product=Monocarboxylate transporter
14;date_creation=2022-07-10
SM_V9_2 iris    exon    22177549        22177793        .       +
        .       Parent=Smp_245720.1;Name=575d84c6-3ede-4472-
aa7d-2ce847bab2e3
SM_V9_2 iris    exon    22194977        22195205        .       +
        .
Parent=Smp_245720.1;Name=31d6578b-1b4c-489a-8292-016131b02cda
SM_V9_2 iris    exon    22198110        22198253        .       +
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        .       Parent=Smp_245720.1;Name=4ade8f9c-78cd-4288-
b40d-55a6048d1606
SM_V9_2 iris    exon    22200257        22202251        .       +
        .
Parent=Smp_245720.1;Name=a58d9df5-5b0b-41fc-8696-92456ba48cb5
SM_V9_2 iris    exon    22203990        22204547        .       +
        .       Parent=Smp_245720.1;Name=06e7da41-7d67-4e7e-811a-
b01834e55722
SM_V9_2 iris    CDS     22177758        22177793        .       +
        0       Parent=Smp_245720.1
SM_V9_2 iris    CDS     22194977        22195205        .       +
        0       Parent=Smp_245720.1
SM_V9_2 iris    CDS     22198110        22198253        .       +
        2       Parent=Smp_245720.1
SM_V9_2 iris    CDS     22200257        22202251        .       +
        2       Parent=Smp_245720.1
SM_V9_2 iris    CDS     22203990        22204144        .       +
        2       Parent=Smp_245720.1
SM_V9_2 iris    gene    22206811        22234278        .       -
        .
ID=Smp_245740;geneID=Smp_245740;gene_name=Smp_245740;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    22206811        22234278        .       -
        .
ID=Smp_245740.1;Parent=Smp_245740;geneID=Smp_245740;gene_name=Smp_24
5740;owner=irisadmin@local.host;orig_id=Smp_245740.1;date_last_modif
ied=2022-08-01;Name=Smp_245740.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    22206811        22207579        .       -
        .
Parent=Smp_245740.1;Name=15652959-6e35-49bc-996b-859951dab65f
SM_V9_2 iris    exon    22208413        22209120        .       -
        .       Parent=Smp_245740.1;Name=e061c4dd-5133-4bec-
a326-1b3d4b35fd4a
SM_V9_2 iris    exon    22211335        22211434        .       -
        .       Parent=Smp_245740.1;Name=6e3bcfe8-0790-45d9-
b9e1-82cf98d2e931
SM_V9_2 iris    exon    22212465        22212773        .       -
        .       Parent=Smp_245740.1;Name=230f6de4-e3ac-4985-
a7ce-6426b1c60fd7
SM_V9_2 iris    exon    22214671        22214773        .       -
        .       Parent=Smp_245740.1;Name=c69b84db-f3ef-48b4-
a961-0b6f1e829ee2
SM_V9_2 iris    exon    22217144        22217394        .       -
        .       Parent=Smp_245740.1;Name=21d54da5-0a12-4198-b50f-
bb8b5d4fea23
SM_V9_2 iris    exon    22221041        22221128        .       -
        .       Parent=Smp_245740.1;Name=22ac9617-6ea9-47dc-8858-
d822dec4ec29
SM_V9_2 iris    exon    22222381        22222450        .       -
        .       Parent=Smp_245740.1;Name=79205382-07e2-41fa-a2f3-
cac6d1a1c94d
SM_V9_2 iris    exon    22224326        22224399        .       -
        .       Parent=Smp_245740.1;Name=02dcd5cd-
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e028-4645-927e-4b76651a9209
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Parent=Smp_245740.1;Name=254d7005-4c38-4778-91b6-87dc105bb71a
SM_V9_2 iris    exon    22227458        22227751        .       -
        .       Parent=Smp_245740.1;Name=aa687a8e-cccb-467f-
b2ed-44667e9d987e
SM_V9_2 iris    exon    22233959        22234278        .       -
        .       Parent=Smp_245740.1;Name=2be55d8f-
b53e-4db2-9206-277f1655f39b
SM_V9_2 iris    CDS     22207430        22207579        .       -
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SM_V9_2 iris    CDS     22208413        22209120        .       -
        0       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22211335        22211434        .       -
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SM_V9_2 iris    CDS     22212465        22212773        .       -
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SM_V9_2 iris    CDS     22214671        22214773        .       -
        2       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22217144        22217394        .       -
        1       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22221041        22221128        .       -
        2       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22222381        22222450        .       -
        0       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22224326        22224399        .       -
        2       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22225806        22225908        .       -
        0       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22227458        22227751        .       -
        0       Parent=Smp_245740.1
SM_V9_2 iris    CDS     22233959        22234237        .       -
        0       Parent=Smp_245740.1
SM_V9_2 Liftoff gene    22235065        22242786        .       -
        .
ID=Smp_245730;geneID=Smp_245730;previous_systematic_id=Smp_210350
SM_V9_2 Liftoff gene    22235065        22242807        .       -
        .
ID=Smp_210340;geneID=Smp_210340;previous_systematic_id=Smp_134630
SM_V9_2 Liftoff mRNA    22235065        22242786        .       -
        .
ID=Smp_245730.1;Parent=Smp_245730;geneID=Smp_245730;product=GPI
mannosyltransferase 4;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR005599
Pfam:PF03901;Ontology_term=GO:0016757
SM_V9_2 Liftoff exon    22235065        22235326        .       -
        .       Parent=Smp_245730.1
SM_V9_2 Liftoff exon    22236702        22237984        .       -
        .       Parent=Smp_245730.1
SM_V9_2 Liftoff exon    22238670        22242786        .       -
        .       Parent=Smp_245730.1
SM_V9_2 Liftoff CDS     22235144        22235326        .       -
        0       Parent=Smp_245730.1
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SM_V9_2 Liftoff CDS     22236702        22237984        .       -
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SM_V9_2 Liftoff CDS     22238670        22238928        .       -
        0       Parent=Smp_245730.1
SM_V9_2 Liftoff mRNA    22235065        22242807        .       -
        .
ID=Smp_210340.1;Parent=Smp_210340;geneID=Smp_210340;product=sirtuin
6;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR003000,IPR026590,IPR029035
Pfam:PF02146;Ontology_term=GO:0070403
SM_V9_2 Liftoff exon    22235065        22239302        .       -
        .       Parent=Smp_210340.1
SM_V9_2 Liftoff exon    22240294        22240626        .       -
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SM_V9_2 Liftoff exon    22240709        22240789        .       -
        .       Parent=Smp_210340.1
SM_V9_2 Liftoff exon    22240826        22241042        .       -
        .       Parent=Smp_210340.1
SM_V9_2 Liftoff exon    22241081        22241188        .       -
        .       Parent=Smp_210340.1
SM_V9_2 Liftoff exon    22241224        22242807        .       -
        .       Parent=Smp_210340.1
SM_V9_2 Liftoff CDS     22239086        22239302        .       -
        1       Parent=Smp_210340.1
SM_V9_2 Liftoff CDS     22240294        22240626        .       -
        1       Parent=Smp_210340.1
SM_V9_2 Liftoff CDS     22240709        22240789        .       -
        1       Parent=Smp_210340.1
SM_V9_2 Liftoff CDS     22240826        22241042        .       -
        2       Parent=Smp_210340.1
SM_V9_2 Liftoff CDS     22241081        22241188        .       -
        2       Parent=Smp_210340.1
SM_V9_2 Liftoff CDS     22241224        22241428        .       -
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SM_V9_2 Liftoff gene    22255389        22268889        .       -
        .       ID=Smp_023150;geneID=Smp_023150
SM_V9_2 Liftoff mRNA    22255389        22268889        .       -
        .
ID=Smp_023150.1;Parent=Smp_023150;geneID=Smp_023150;product=Serine/
threonine-protein phosphatase 6 catalytic
subunit;polypeptide_domain=InterPro:IPR004843,IPR006186,IPR029052
Pfam:PF00149;Ontology_term=GO:0016787
SM_V9_2 Liftoff exon    22255389        22255972        .       -
        .       Parent=Smp_023150.1
SM_V9_2 Liftoff exon    22261611        22261904        .       -
        .       Parent=Smp_023150.1
SM_V9_2 Liftoff exon    22268472        22268889        .       -
        .       Parent=Smp_023150.1
SM_V9_2 Liftoff CDS     22255712        22255972        .       -
        0       Parent=Smp_023150.1
SM_V9_2 Liftoff CDS     22261611        22261904        .       -
        0       Parent=Smp_023150.1
SM_V9_2 Liftoff CDS     22268472        22268825        .       -
        0       Parent=Smp_023150.1
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SM_V9_2 iris    gene    22273753        22278095        .       +
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       .
ID=Smp_023170.1;Parent=Smp_023170;geneID=Smp_023170;gene_name=Smp_02
3170;owner=irisadmin@local.host;orig_id=Smp_023170.1;date_last_modif
ied=2022-08-01;Name=Smp_023170.1;product=Deoxyribodipyrimidine
photo-lyase;date_creation=2022-08-01
SM_V9_2 iris    exon    22273753        22274474        .       +
       .       Parent=Smp_023170.1;Name=92411aa1-
bbb2-425e-82d7-551c322c1fac
SM_V9_2 iris    exon    22276822        22278095        .       +
       .       Parent=Smp_023170.1;Name=706e7689-35ab-4ac7-a3b8-
f0165f454982
SM_V9_2 iris    CDS     22274316        22274474        .       +
       0       Parent=Smp_023170.1
SM_V9_2 iris    CDS     22276822        22277859        .       +
       0       Parent=Smp_023170.1
SM_V9_2 iris    gene    22279664        22291406        .       -
       .
ID=Smp_134640;geneID=Smp_134640;gene_name=Smp_134640;owner=irisadmin
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ID=Smp_134640.1;Parent=Smp_134640;geneID=Smp_134640;gene_name=Smp_13
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ied=2022-07-10;Name=Smp_134640.1;product=Protein
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e572056610b2
SM_V9_2 iris    exon    22285045        22285139        .       -
       .       Parent=Smp_134640.1;Name=a7c5113d-0a7d-4e68-
a68b-067fbd360c2d
SM_V9_2 iris    exon    22287299        22287463        .       -
       .
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SM_V9_2 iris    exon    22289240        22289379        .       -
       .       Parent=Smp_134640.1;Name=a7e93b94-f39b-4dec-
a8fb-2daf7605c3ab
SM_V9_2 iris    exon    22289424        22289517        .       -
       .       Parent=Smp_134640.1;Name=7504f612-
ef41-4f98-9c3d-811e9f8bd082
SM_V9_2 iris    exon    22289555        22289658        .       -
       .       Parent=Smp_134640.1;Name=517066c1-95f8-4a6f-a3f5-
f7edf011c98b
SM_V9_2 iris    exon    22291348        22291406        .       -
       .       Parent=Smp_134640.1;Name=4a594172-81a6-4060-bcc8-
bfa0b13e62cf
SM_V9_2 iris    CDS     22279880        22279922        .       -
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SM_V9_2 iris    CDS     22285045        22285139        .       -
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SM_V9_2 iris    CDS     22287299        22287463        .       -
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SM_V9_2 iris    CDS     22289240        22289379        .       -
        2       Parent=Smp_134640.1
SM_V9_2 iris    CDS     22289424        22289517        .       -
        0       Parent=Smp_134640.1
SM_V9_2 iris    CDS     22289555        22289575        .       -
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SM_V9_2 iris    gene    22310502        22338308        .       +
        .
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SM_V9_2 iris    mRNA    22310502        22338308        .       +
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ID=Smp_311050.1;Parent=Smp_311050;geneID=Smp_311050;gene_name=Smp_31
1050;owner=irisadmin@local.host;orig_id=Smp_311050.1;date_last_modif
ied=2022-07-10;Name=Smp_311050.1;product=CTP synthase
1;date_creation=2022-07-10
SM_V9_2 iris    exon    22310502        22310670        .       +
        .       Parent=Smp_311050.1;Name=d21b4230-f6d9-4387-
ad19-2284f39e22f3
SM_V9_2 iris    exon    22312614        22312955        .       +
        .       Parent=Smp_311050.1;Name=73666370-
c7db-4a89-9e28-2b2b7c0705d1
SM_V9_2 iris    exon    22313372        22313629        .       +
        .       Parent=Smp_311050.1;Name=f176f859-9a48-4f42-b225-
f46fccd7c6f5
SM_V9_2 iris    exon    22317171        22317296        .       +
        .       Parent=Smp_311050.1;Name=6f184826-67a6-4dfc-
b189-24af272e8289
SM_V9_2 iris    exon    22318711        22318950        .       +
        .       Parent=Smp_311050.1;Name=71626e3f-065a-4b51-92c5-
bc7c5895ee98
SM_V9_2 iris    exon    22325509        22325802        .       +
        .       Parent=Smp_311050.1;Name=dcfd4c23-
f19f-4497-9578-73e184caeb37
SM_V9_2 iris    exon    22335415        22336246        .       +
        .       Parent=Smp_311050.1;Name=b755029f-9948-4fd3-
ba02-8055f3fda401
SM_V9_2 iris    exon    22337698        22338308        .       +
        .       Parent=Smp_311050.1;Name=27bd276c-3b44-47b9-a2ee-
f77209f96b13
SM_V9_2 iris    CDS     22310668        22310670        .       +
        0       Parent=Smp_311050.1
SM_V9_2 iris    CDS     22312614        22312955        .       +
        0       Parent=Smp_311050.1
SM_V9_2 iris    CDS     22313372        22313629        .       +
        0       Parent=Smp_311050.1
SM_V9_2 iris    CDS     22317171        22317296        .       +
        0       Parent=Smp_311050.1
SM_V9_2 iris    CDS     22318711        22318950        .       +
        0       Parent=Smp_311050.1
SM_V9_2 iris    CDS     22325509        22325802        .       +
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SM_V9_2 iris    CDS     22335415        22336218        .       +
        0       Parent=Smp_311050.1
SM_V9_2 Liftoff gene    22345821        22355472        .       -
        .       ID=Smp_134660;geneID=Smp_134660
SM_V9_2 Liftoff mRNA    22345821        22355472        .       -
        .
ID=Smp_134660.1;Parent=Smp_134660;geneID=Smp_134660;product=Radial
spoke head protein 4 homolog A;polypeptide_domain=InterPro:IPR006802
Pfam:PF04712
SM_V9_2 Liftoff exon    22345821        22346128        .       -
        .       Parent=Smp_134660.1
SM_V9_2 Liftoff exon    22348729        22348974        .       -
        .       Parent=Smp_134660.1
SM_V9_2 Liftoff exon    22352392        22352717        .       -
        .       Parent=Smp_134660.1
SM_V9_2 Liftoff exon    22354499        22354896        .       -
        .       Parent=Smp_134660.1
SM_V9_2 Liftoff exon    22354936        22355017        .       -
        .       Parent=Smp_134660.1
SM_V9_2 Liftoff exon    22355065        22355254        .       -
        .       Parent=Smp_134660.1
SM_V9_2 Liftoff exon    22355303        22355472        .       -
        .       Parent=Smp_134660.1
SM_V9_2 Liftoff CDS     22345858        22346128        .       -
        1       Parent=Smp_134660.1
SM_V9_2 Liftoff CDS     22348729        22348974        .       -
        1       Parent=Smp_134660.1
SM_V9_2 Liftoff CDS     22352392        22352717        .       -
        0       Parent=Smp_134660.1
SM_V9_2 Liftoff CDS     22354499        22354896        .       -
        2       Parent=Smp_134660.1
SM_V9_2 Liftoff CDS     22354936        22355017        .       -
        0       Parent=Smp_134660.1
SM_V9_2 Liftoff CDS     22355065        22355254        .       -
        1       Parent=Smp_134660.1
SM_V9_2 Liftoff CDS     22355303        22355442        .       -
        0       Parent=Smp_134660.1
SM_V9_2 Liftoff gene    22355576        22370282        .       +
        .       ID=Smp_023230;geneID=Smp_023230
SM_V9_2 Liftoff mRNA    22355576        22370282        .       +
        .
ID=Smp_023230.1;Parent=Smp_023230;geneID=Smp_023230;product=Protein
YIF1B-A;polypeptide_domain=InterPro:IPR005578 Pfam:PF03878
SM_V9_2 Liftoff exon    22355576        22355675        .       +
        .       Parent=Smp_023230.1
SM_V9_2 Liftoff exon    22355714        22355883        .       +
        .       Parent=Smp_023230.1
SM_V9_2 Liftoff exon    22355916        22356020        .       +
        .       Parent=Smp_023230.1
SM_V9_2 Liftoff exon    22361199        22361491        .       +
        .       Parent=Smp_023230.1
SM_V9_2 Liftoff exon    22362672        22362765        .       +
        .       Parent=Smp_023230.1
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SM_V9_2 Liftoff exon    22369074        22370282        .       +
        .       Parent=Smp_023230.1
SM_V9_2 Liftoff CDS     22355630        22355675        .       +
        0       Parent=Smp_023230.1
SM_V9_2 Liftoff CDS     22355714        22355883        .       +
        2       Parent=Smp_023230.1
SM_V9_2 Liftoff CDS     22355916        22356020        .       +
        0       Parent=Smp_023230.1
SM_V9_2 Liftoff CDS     22361199        22361491        .       +
        0       Parent=Smp_023230.1
SM_V9_2 Liftoff CDS     22362672        22362765        .       +
        1       Parent=Smp_023230.1
SM_V9_2 Liftoff CDS     22369074        22369217        .       +
        0       Parent=Smp_023230.1
SM_V9_2 Liftoff gene    22370900        22387882        .       -
        .
ID=Smp_333860;geneID=Smp_333860;previous_systematic_id=Smp_023240,Sm
p_206190
SM_V9_2 Liftoff mRNA    22370900        22387882        .       -
        .
ID=Smp_333860.1;Parent=Smp_333860;geneID=Smp_333860;product=Compleme
nt C1q tumor necrosis factor-related protein
3;polypeptide_domain=InterPro:IPR001073,IPR008983
Pfam:PF00386;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    22370900        22371319        .       -
        .       Parent=Smp_333860.1
SM_V9_2 Liftoff exon    22381375        22381607        .       -
        .       Parent=Smp_333860.1
SM_V9_2 Liftoff exon    22386510        22387882        .       -
        .       Parent=Smp_333860.1
SM_V9_2 Liftoff CDS     22371113        22371319        .       -
        0       Parent=Smp_333860.1
SM_V9_2 Liftoff CDS     22381375        22381607        .       -
        2       Parent=Smp_333860.1
SM_V9_2 Liftoff CDS     22386510        22386774        .       -
        0       Parent=Smp_333860.1
SM_V9_2 iris    gene    22393680        22402492        .       -
        .
ID=Smp_023250;geneID=Smp_023250;gene_name=Smp_023250;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    22393680        22402492        .       -
        .
ID=Smp_023250.1;Parent=Smp_023250;geneID=Smp_023250;gene_name=Smp_02
3250;owner=irisadmin@local.host;orig_id=Smp_023250.1;date_last_modif
ied=2022-07-10;Name=Smp_023250.1;product=DNA/RNA-binding protein
KIN17;date_creation=2022-07-10
SM_V9_2 iris    exon    22393680        22393945        .       -
        .       Parent=Smp_023250.1;Name=434df093-dfeb-494a-
a369-8dff82307249
SM_V9_2 iris    exon    22396884        22397063        .       -
        .       Parent=Smp_023250.1;Name=ce796f05-0e0b-4a04-
b943-5422c91c829d
SM_V9_2 iris    exon    22401083        22401355        .       -
        .       Parent=Smp_023250.1;Name=622fa91d-37fc-43af-add1-
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e0912721f348
SM_V9_2 iris    exon    22401582        22401808        .       -
        .       Parent=Smp_023250.1;Name=fbee7234-dd6b-4744-95a0-
eba45c7dd5d5
SM_V9_2 iris    exon    22401844        22402240        .       -
        .
Parent=Smp_023250.1;Name=175f3bdb-1422-4bd3-80d1-5a87e2475dcf
SM_V9_2 iris    exon    22402276        22402492        .       -
        .       Parent=Smp_023250.1;Name=91369669-6fb4-4bfe-
afec-96ce5aa68018
SM_V9_2 iris    CDS     22393865        22393945        .       -
        0       Parent=Smp_023250.1
SM_V9_2 iris    CDS     22396884        22397063        .       -
        0       Parent=Smp_023250.1
SM_V9_2 iris    CDS     22401083        22401355        .       -
        0       Parent=Smp_023250.1
SM_V9_2 iris    CDS     22401582        22401808        .       -
        2       Parent=Smp_023250.1
SM_V9_2 iris    CDS     22401844        22402240        .       -
        0       Parent=Smp_023250.1
SM_V9_2 iris    CDS     22402276        22402302        .       -
        0       Parent=Smp_023250.1
SM_V9_2 iris    gene    22407646        22459230        .       +
        .
ID=Smp_134670;geneID=Smp_134670;gene_name=Smp_134670;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    22407646        22459230        .       +
        .
ID=Smp_134670.1;Parent=Smp_134670;geneID=Smp_134670;gene_name=Smp_13
4670;owner=irisadmin@local.host;orig_id=Smp_134670.1;date_last_modif
ied=2022-07-10;Name=Smp_134670.1;product=Ral GTPase-activating
protein subunit beta;date_creation=2022-07-10
SM_V9_2 iris    exon    22407646        22407681        .       +
        .       Parent=Smp_134670.1;Name=f4b28149-
b2f4-48f8-9017-591c5716884c
SM_V9_2 iris    exon    22408717        22408812        .       +
        .       Parent=Smp_134670.1;Name=2e831089-2cb3-49fb-
a527-0de16688cd45
SM_V9_2 iris    exon    22412819        22412949        .       +
        .       Parent=Smp_134670.1;Name=7dfa0cb1-967f-42f2-8aa2-
a3b13301f3eb
SM_V9_2 iris    exon    22415115        22415324        .       +
        .       Parent=Smp_134670.1;Name=fa1cd985-33e7-4816-a465-
a07ed9cb0c2f
SM_V9_2 iris    exon    22416954        22417287        .       +
        .       Parent=Smp_134670.1;Name=f17f96d8-998b-44ae-bd17-
d17dcba68c67
SM_V9_2 iris    exon    22418370        22418924        .       +
        .
Parent=Smp_134670.1;Name=9cfb968f-2543-40c6-829f-06de5796d467
SM_V9_2 iris    exon    22421486        22421636        .       +
        .       Parent=Smp_134670.1;Name=c16380d2-c43e-4aaf-a9af-
ca5ea439b512
SM_V9_2 iris    exon    22425495        22425739        .       +
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Parent=Smp_134670.1;Name=d5e360a5-4d82-4a1e-9d42-5dafaa255cae
SM_V9_2 iris    exon    22426435        22426524        .       +
        .       Parent=Smp_134670.1;Name=b2de301d-
ea79-4c10-8fe4-59482ec15448
SM_V9_2 iris    exon    22428409        22428867        .       +
        .       Parent=Smp_134670.1;Name=287ed9a6-e1a1-4dde-
a09a-57c5318c382f
SM_V9_2 iris    exon    22436386        22436564        .       +
        .       Parent=Smp_134670.1;Name=624b4c7f-
cd22-4f05-9890-47038b59b21c
SM_V9_2 iris    exon    22437933        22438069        .       +
        .       Parent=Smp_134670.1;Name=038845ce-c2c4-4a62-82dd-
dc96ca6591f5
SM_V9_2 iris    exon    22439583        22439686        .       +
        .
Parent=Smp_134670.1;Name=3073f87a-7192-4828-8986-9014a3737270
SM_V9_2 iris    exon    22442193        22442321        .       +
        .       Parent=Smp_134670.1;Name=d6d232b5-a5b2-434c-
b009-7ab8a3e15089
SM_V9_2 iris    exon    22444360        22444440        .       +
        .       Parent=Smp_134670.1;Name=065c725c-9dcd-4de4-
b09e-4a0c7dda889d
SM_V9_2 iris    exon    22445508        22445660        .       +
        .       Parent=Smp_134670.1;Name=ef674cfe-6b08-43a3-8960-
fc8a689f5525
SM_V9_2 iris    exon    22446624        22446841        .       +
        .       Parent=Smp_134670.1;Name=5a30f4f5-1d45-4e05-
acbd-0f28107a39b7
SM_V9_2 iris    exon    22447650        22448248        .       +
        .       Parent=Smp_134670.1;Name=8e6bcba5-451c-44b0-8845-
a088c0b86070
SM_V9_2 iris    exon    22448762        22448950        .       +
        .       Parent=Smp_134670.1;Name=61bf06c1-3397-4530-
aa11-5947e81f5ab5
SM_V9_2 iris    exon    22454420        22454801        .       +
        .       Parent=Smp_134670.1;Name=d5304751-3248-4fc7-a3db-
d8736a64d54f
SM_V9_2 iris    exon    22457102        22457435        .       +
        .       Parent=Smp_134670.1;Name=2fcb1b1e-9b53-4459-
baca-31ded9b460df
SM_V9_2 iris    exon    22458454        22459230        .       +
        .       Parent=Smp_134670.1;Name=b5d1f7b9-28ba-487c-83d1-
bd6f62448a96
SM_V9_2 iris    CDS     22408803        22408812        .       +
        0       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22412819        22412949        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22415115        22415324        .       +
        0       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22416954        22417287        .       +
        0       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22418370        22418924        .       +
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SM_V9_2 iris    CDS     22421486        22421636        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22425495        22425739        .       +
        1       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22426435        22426524        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22428409        22428867        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22436386        22436564        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22437933        22438069        .       +
        0       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22439583        22439686        .       +
        1       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22442193        22442321        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22444360        22444440        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22445508        22445660        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22446624        22446841        .       +
        2       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22447650        22448248        .       +
        0       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22448762        22448950        .       +
        1       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22454420        22454801        .       +
        1       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22457102        22457435        .       +
        0       Parent=Smp_134670.1
SM_V9_2 iris    CDS     22458454        22458971        .       +
        2       Parent=Smp_134670.1
SM_V9_2 Liftoff gene    22459602        22469712        .       -
        .       ID=Smp_023270;geneID=Smp_023270
SM_V9_2 Liftoff mRNA    22459602        22469712        .       -
        .
ID=Smp_023270.1;Parent=Smp_023270;geneID=Smp_023270;product=RNA-
binding protein
40;polypeptide_domain=InterPro:IPR000504,IPR001337,IPR034147;Ontolog
y_term=GO:0003676,GO:0005198,GO:0005515,GO:0019028
SM_V9_2 Liftoff exon    22459602        22459944        .       -
        .       Parent=Smp_023270.1
SM_V9_2 Liftoff exon    22460633        22461022        .       -
        .       Parent=Smp_023270.1
SM_V9_2 Liftoff exon    22465516        22465875        .       -
        .       Parent=Smp_023270.1
SM_V9_2 Liftoff exon    22465910        22466126        .       -
        .       Parent=Smp_023270.1
SM_V9_2 Liftoff exon    22467446        22467650        .       -
        .       Parent=Smp_023270.1
SM_V9_2 Liftoff exon    22467682        22467797        .       -
        .       Parent=Smp_023270.1
SM_V9_2 Liftoff exon    22467841        22469712        .       -
        .       Parent=Smp_023270.1
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SM_V9_2 Liftoff CDS     22459790        22459944        .       -
        2       Parent=Smp_023270.1
SM_V9_2 Liftoff CDS     22460633        22461022        .       -
        2       Parent=Smp_023270.1
SM_V9_2 Liftoff CDS     22465516        22465875        .       -
        2       Parent=Smp_023270.1
SM_V9_2 Liftoff CDS     22465910        22466126        .       -
        0       Parent=Smp_023270.1
SM_V9_2 Liftoff CDS     22467446        22467650        .       -
        1       Parent=Smp_023270.1
SM_V9_2 Liftoff CDS     22467682        22467797        .       -
        0       Parent=Smp_023270.1
SM_V9_2 Liftoff CDS     22467841        22467975        .       -
        0       Parent=Smp_023270.1
SM_V9_2 Liftoff gene    22479433        22499718        .       +
        .       ID=Smp_134690;geneID=Smp_134690
SM_V9_2 Liftoff mRNA    22479433        22499718        .       +
        .
ID=Smp_134690.1;Parent=Smp_134690;geneID=Smp_134690;product=Homeobox
protein SMOX-6
(Fragment);polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_2 Liftoff exon    22479433        22480138        .       +
        .       Parent=Smp_134690.1
SM_V9_2 Liftoff exon    22492647        22492837        .       +
        .       Parent=Smp_134690.1
SM_V9_2 Liftoff exon    22498575        22499718        .       +
        .       Parent=Smp_134690.1
SM_V9_2 Liftoff CDS     22479748        22480138        .       +
        0       Parent=Smp_134690.1
SM_V9_2 Liftoff CDS     22492647        22492837        .       +
        2       Parent=Smp_134690.1
SM_V9_2 Liftoff CDS     22498575        22499189        .       +
        0       Parent=Smp_134690.1
SM_V9_2 Liftoff gene    22682299        22714043        .       -
        .
ID=Smp_342310;geneID=Smp_342310;previous_systematic_id=Smp_127170
SM_V9_2 Liftoff mRNA    22682299        22714043        .       -
        .
ID=Smp_342310.1;Parent=Smp_342310;geneID=Smp_342310;product=TWiK
family of potassium channels protein
12;polypeptide_domain=InterPro:IPR013099 Pfam:PF07885
SM_V9_2 Liftoff exon    22682299        22683567        .       -
        .       Parent=Smp_342310.1
SM_V9_2 Liftoff exon    22712529        22714043        .       -
        .       Parent=Smp_342310.1
SM_V9_2 Liftoff CDS     22683116        22683567        .       -
        2       Parent=Smp_342310.1
SM_V9_2 Liftoff CDS     22712529        22713942        .       -
        0       Parent=Smp_342310.1
SM_V9_2 iris    gene    22781327        22818096        .       +
        .
ID=Smp_127180;geneID=Smp_127180;gene_name=Smp_127180;owner=irisadmin
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
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       .
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7180;owner=irisadmin@local.host;orig_id=Smp_127180.1;date_last_modif
ied=2022-08-01;Name=Smp_127180.1;product=Transcription initiation
factor TFIID subunit 3;date_creation=2022-07-30
SM_V9_2 iris    exon    22781327        22781443        .       +
       .       Parent=Smp_127180.1;Name=da9b6edb-6be9-4384-
aa49-35e529a88d1f
SM_V9_2 iris    exon    22790844        22791019        .       +
       .       Parent=Smp_127180.1;Name=a1f90f61-819d-4a5c-9023-
ab6f57ab9842
SM_V9_2 iris    exon    22791051        22791290        .       +
       .
Parent=Smp_127180.1;Name=3186b3b2-1d34-4e8a-812d-477350451717
SM_V9_2 iris    exon    22791326        22791762        .       +
       .       Parent=Smp_127180.1;Name=046dc9f5-3df8-48b4-ad9d-
ee3f9eef0e33
SM_V9_2 iris    exon    22797832        22798010        .       +
       .       Parent=Smp_127180.1;Name=62c34c9c-c08c-42a0-
ad58-01e22b1c6335
SM_V9_2 iris    exon    22798760        22799037        .       +
       .       Parent=Smp_127180.1;Name=9673d3db-80ca-4fe2-b020-
d8d217b05d1b
SM_V9_2 iris    exon    22800515        22800963        .       +
       .
Parent=Smp_127180.1;Name=a841a85b-462b-4e11-8103-485569784828
SM_V9_2 iris    exon    22802379        22803284        .       +
       .       Parent=Smp_127180.1;Name=e97e2af5-f707-467f-
b7fb-0d22d00a91d3
SM_V9_2 iris    exon    22803829        22804139        .       +
       .       Parent=Smp_127180.1;Name=74ac8146-
f093-4f6a-973c-99792102e02c
SM_V9_2 iris    exon    22805623        22805685        .       +
       .
Parent=Smp_127180.1;Name=003e4ca5-4dc8-4c66-98f5-13d650e388a6
SM_V9_2 iris    exon    22811383        22812062        .       +
       .       Parent=Smp_127180.1;Name=45e7ca40-3eeb-4bf7-8e7b-
d436a61cf6fc
SM_V9_2 iris    exon    22813982        22814580        .       +
       .
Parent=Smp_127180.1;Name=cd425043-5eb2-49d8-88d7-1bd48409cf20
SM_V9_2 iris    exon    22815411        22815511        .       +
       .       Parent=Smp_127180.1;Name=5ea97ac5-
bfa6-4dcb-8a12-79c556385e52
SM_V9_2 iris    exon    22817505        22818096        .       +
       .       Parent=Smp_127180.1;Name=134ae21b-6cb8-4cb6-
b576-7e8fb3bf43ff
SM_V9_2 iris    CDS     22790857        22791019        .       +
       0       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22791051        22791290        .       +
       2       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22791326        22791762        .       +
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        2       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22797832        22798010        .       +
        0       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22798760        22799037        .       +
        1       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22800515        22800963        .       +
        2       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22802379        22803284        .       +
        0       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22803829        22804139        .       +
        0       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22805623        22805685        .       +
        1       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22811383        22812062        .       +
        1       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22813982        22814580        .       +
        2       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22815411        22815511        .       +
        0       Parent=Smp_127180.1
SM_V9_2 iris    CDS     22817505        22817730        .       +
        1       Parent=Smp_127180.1
SM_V9_2 iris    gene    22824407        22845363        .       +
        .
ID=Smp_328180;geneID=Smp_328180;gene_name=Smp_328180;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    22824407        22845363        .       +
        .
ID=Smp_328180.1;Parent=Smp_328180;geneID=Smp_328180;gene_name=Smp_32
8180;owner=irisadmin@local.host;orig_id=Smp_328180.1;date_last_modif
ied=2022-08-01;Name=Smp_328180.1;product=Zinc finger CCHC-type and
RNA-binding motif-containing protein 1;date_creation=2022-07-30
SM_V9_2 iris    exon    22824407        22824496        .       +
        .
Parent=Smp_328180.1;Name=e923476a-70c5-4434-98ef-62b7a9958bea
SM_V9_2 iris    exon    22830511        22830657        .       +
        .
Parent=Smp_328180.1;Name=d16ff359-6d04-4254-91b3-7841d79a3ae3
SM_V9_2 iris    exon    22833916        22834027        .       +
        .       Parent=Smp_328180.1;Name=20d773fa-ab60-4cbe-9b62-
c2ce5e5903bd
SM_V9_2 iris    exon    22834692        22834799        .       +
        .       Parent=Smp_328180.1;Name=d91126cb-bc23-41df-ad29-
f94cfb2ea49c
SM_V9_2 iris    exon    22838475        22838566        .       +
        .       Parent=Smp_328180.1;Name=5c95a414-e4fd-4a1f-
bd5e-253fcdcc5ef3
SM_V9_2 iris    exon    22844774        22845363        .       +
        .       Parent=Smp_328180.1;Name=59c644a8-cc10-4de1-
b1df-2f26d7d04563
SM_V9_2 iris    CDS     22830545        22830657        .       +
        0       Parent=Smp_328180.1
SM_V9_2 iris    CDS     22833916        22834027        .       +
        1       Parent=Smp_328180.1
SM_V9_2 iris    CDS     22834692        22834799        .       +
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        0       Parent=Smp_328180.1
SM_V9_2 iris    CDS     22838475        22838566        .       +
        0       Parent=Smp_328180.1
SM_V9_2 iris    CDS     22844774        22845011        .       +
        1       Parent=Smp_328180.1
SM_V9_2 Liftoff gene    22870857        22912288        .       +
        .       ID=Smp_127190;geneID=Smp_127190
SM_V9_2 Liftoff mRNA    22870857        22912288        .       +
        .
ID=Smp_127190.1;Parent=Smp_127190;geneID=Smp_127190;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    22870857        22871834        .       +
        .       Parent=Smp_127190.1
SM_V9_2 Liftoff exon    22909064        22912288        .       +
        .       Parent=Smp_127190.1
SM_V9_2 Liftoff CDS     22871111        22871834        .       +
        0       Parent=Smp_127190.1
SM_V9_2 Liftoff CDS     22909064        22911642        .       +
        2       Parent=Smp_127190.1
SM_V9_2 iris    gene    22947671        22963785        .       -
        .
ID=Smp_127200;geneID=Smp_127200;gene_name=Smp_127200;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    22947671        22963785        .       -
        .
ID=Smp_127200.1;Parent=Smp_127200;geneID=Smp_127200;gene_name=Smp_12
7200;owner=irisadmin@local.host;orig_id=Smp_127200.1;date_last_modif
ied=2022-08-01;Name=Smp_127200.1;product=Solute carrier family 2,
facilitated glucose transporter member 5;date_creation=2022-08-01
SM_V9_2 iris    exon    22947671        22948240        .       -
        .
Parent=Smp_127200.1;Name=1c2e0ce8-26af-4e2e-9a88-0e38d864a1d6
SM_V9_2 iris    exon    22952893        22953048        .       -
        .       Parent=Smp_127200.1;Name=aa8a13dc-
e914-4423-89af-9e9930daa73d
SM_V9_2 iris    exon    22957592        22957719        .       -
        .       Parent=Smp_127200.1;Name=18d70137-6a0c-4bde-
aad6-3bdac43bd833
SM_V9_2 iris    exon    22960104        22960398        .       -
        .       Parent=Smp_127200.1;Name=95f1c8bf-8e8e-46a5-a368-
e1cb5aa30ab9
SM_V9_2 iris    exon    22962723        22962910        .       -
        .       Parent=Smp_127200.1;Name=bb7c9f60-
d2c3-4a8e-92f4-52f7fbc1a842
SM_V9_2 iris    exon    22962948        22963055        .       -
        .       Parent=Smp_127200.1;Name=73f7941d-c58b-4c32-b21d-
c2fafc59a840
SM_V9_2 iris    exon    22963088        22963258        .       -
        .       Parent=Smp_127200.1;Name=e0758871-dd8d-4a1a-
a2f4-6248502e21b6
SM_V9_2 iris    exon    22963295        22963419        .       -
        .       Parent=Smp_127200.1;Name=3b1197c3-4e35-4b5e-80b7-
ed8b3a39d991
SM_V9_2 iris    exon    22963456        22963613        .       -
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        .       Parent=Smp_127200.1;Name=0198e99b-4402-46a8-a1cb-
e1c70d029006
SM_V9_2 iris    exon    22963650        22963785        .       -
        .       Parent=Smp_127200.1;Name=a3dbff44-8474-4c1e-9210-
b285bf50b2b4
SM_V9_2 iris    CDS     22948226        22948240        .       -
        0       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22952893        22953048        .       -
        0       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22957592        22957719        .       -
        2       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22960104        22960398        .       -
        0       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22962723        22962910        .       -
        2       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22962948        22963055        .       -
        2       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22963088        22963258        .       -
        2       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22963295        22963419        .       -
        1       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22963456        22963613        .       -
        0       Parent=Smp_127200.1
SM_V9_2 iris    CDS     22963650        22963748        .       -
        0       Parent=Smp_127200.1
SM_V9_2 iris    gene    22974367        22993453        .       +
        .
ID=Smp_009520;geneID=Smp_009520;gene_name=Smp_009520;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    22974367        22993453        .       +
        .
ID=Smp_009520.1;Parent=Smp_009520;geneID=Smp_009520;gene_name=Smp_00
9520;owner=irisadmin@local.host;orig_id=Smp_009520.2;date_last_modif
ied=2022-08-01;Name=Smp_009520.1;product=Probable glutamate--tRNA
ligase, mitochondrial;date_creation=2022-07-30
SM_V9_2 iris    exon    22974367        22974408        .       +
        .       Parent=Smp_009520.1;Name=b3435f78-de29-4a87-
b9e2-2e027e3bcde8
SM_V9_2 iris    exon    22976044        22976143        .       +
        .       Parent=Smp_009520.1;Name=7e8f7370-b3cd-4c22-
a2ae-9be91b7e4cf7
SM_V9_2 iris    exon    22976182        22976504        .       +
        .       Parent=Smp_009520.1;Name=4bca9f68-8187-446e-8294-
d48340f01266
SM_V9_2 iris    exon    22976539        22976649        .       +
        .       Parent=Smp_009520.1;Name=effcc96e-fd28-4c4d-a5bc-
ef62f8a2bddf
SM_V9_2 iris    exon    22978389        22978604        .       +
        .       Parent=Smp_009520.1;Name=6786b06f-f988-4ff3-
a08a-20d7e8c5437d
SM_V9_2 iris    exon    22981460        22981540        .       +
        .       Parent=Smp_009520.1;Name=335b7cb4-1141-4fd3-8c5f-
ef2baa74bfb9
SM_V9_2 iris    exon    22982395        22982487        .       +
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        .
Parent=Smp_009520.1;Name=2760795d-6e82-4c0d-8be9-24b1eb756c35
SM_V9_2 iris    exon    22987775        22987869        .       +
        .       Parent=Smp_009520.1;Name=20bce9d1-722a-4991-
a87a-37099e0c1877
SM_V9_2 iris    exon    22988185        22988392        .       +
        .       Parent=Smp_009520.1;Name=33723a3d-6a2f-4eb1-9452-
a9976179bb18
SM_V9_2 iris    exon    22989439        22989659        .       +
        .       Parent=Smp_009520.1;Name=1ca87c84-8bb8-4070-
b39b-32e73f5c2b1d
SM_V9_2 iris    exon    22992215        22992581        .       +
        .       Parent=Smp_009520.1;Name=1bd844fe-6878-4080-bd58-
ed9810814ea0
SM_V9_2 iris    exon    22993247        22993453        .       +
        .       Parent=Smp_009520.1;Name=2ec3a047-9b32-4c05-9ab6-
e70118b8453c
SM_V9_2 iris    CDS     22976268        22976504        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22976539        22976649        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22978389        22978604        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22981460        22981540        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22982395        22982487        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22987775        22987869        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22988185        22988392        .       +
        1       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22989439        22989659        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22992215        22992581        .       +
        1       Parent=Smp_009520.1
SM_V9_2 iris    CDS     22993247        22993369        .       +
        0       Parent=Smp_009520.1
SM_V9_2 iris    gene    22994515        22998957        .       -
        .
ID=Smp_335340;geneID=Smp_335340;gene_name=Smp_335340;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    22994515        22998957        .       -
        .
ID=Smp_335340.1;Parent=Smp_335340;geneID=Smp_335340;gene_name=Smp_33
5340;owner=irisadmin@local.host;orig_id=Smp_335340.1;date_last_modif
ied=2022-08-01;Name=Smp_335340.1;product=Deoxycytidylate
deaminase;date_creation=2022-07-30
SM_V9_2 iris    exon    22994515        22994657        .       -
        .       Parent=Smp_335340.1;Name=492d5927-26e2-42a5-
b86c-3525063a6b2a
SM_V9_2 iris    exon    22994697        22994920        .       -
        .       Parent=Smp_335340.1;Name=9f189528-
afd0-468c-8a9a-7f4e7a7d015f
SM_V9_2 iris    exon    22994962        22995097        .       -
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        .       Parent=Smp_335340.1;Name=4503aed7-
fca9-4375-849c-56e85c52794c
SM_V9_2 iris    exon    22996273        22996391        .       -
        .       Parent=Smp_335340.1;Name=f79c1914-80e2-444f-bc87-
ba4e3e8418e3
SM_V9_2 iris    exon    22997736        22997841        .       -
        .       Parent=Smp_335340.1;Name=ef429d66-7c1a-466a-
b7f9-969fdc7a3c6f
SM_V9_2 iris    exon    22998900        22998957        .       -
        .       Parent=Smp_335340.1;Name=ec9c4ffa-1f39-4fed-a78d-
b22cf5a40483
SM_V9_2 iris    CDS     22994612        22994657        .       -
        1       Parent=Smp_335340.1
SM_V9_2 iris    CDS     22994697        22994920        .       -
        0       Parent=Smp_335340.1
SM_V9_2 iris    CDS     22994962        22995021        .       -
        0       Parent=Smp_335340.1
SM_V9_2 iris    gene    23014587        23044031        .       +
        .
ID=Smp_009540;geneID=Smp_009540;gene_name=Smp_009540;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    23014587        23044031        .       +
        .
ID=Smp_009540.1;Parent=Smp_009540;geneID=Smp_009540;gene_name=Smp_00
9540;owner=irisadmin@local.host;orig_id=Smp_009540.2;date_last_modif
ied=2022-07-10;Name=Smp_009540.1;product=Tripartite motif-containing
protein 3;date_creation=2022-07-10
SM_V9_2 iris    exon    23014587        23014697        .       +
        .       Parent=Smp_009540.1;Name=4b94a27d-29b9-46a8-ae3c-
dc2fe20fb041
SM_V9_2 iris    exon    23017744        23017917        .       +
        .       Parent=Smp_009540.1;Name=eb68c313-86c9-4128-93ac-
fb54e732953a
SM_V9_2 iris    exon    23020037        23020286        .       +
        .       Parent=Smp_009540.1;Name=ee7d1d65-8bc7-4839-
b8ab-1bea4739ea46
SM_V9_2 iris    exon    23020331        23020566        .       +
        .       Parent=Smp_009540.1;Name=85ebce58-f149-4d8e-b0ba-
f13328e4f157
SM_V9_2 iris    exon    23022655        23022831        .       +
        .
Parent=Smp_009540.1;Name=df78069f-60d0-425e-9691-1dbc33fd3bcf
SM_V9_2 iris    exon    23029786        23030241        .       +
        .       Parent=Smp_009540.1;Name=685e6970-e9f2-46e3-
a707-1ede671d7661
SM_V9_2 iris    exon    23034855        23035122        .       +
        .       Parent=Smp_009540.1;Name=34342a0c-585d-44ae-b5b6-
d0770bc715fb
SM_V9_2 iris    exon    23037658        23037968        .       +
        .       Parent=Smp_009540.1;Name=d5feaacc-d168-44b0-
af54-584093173cf9
SM_V9_2 iris    exon    23039158        23039484        .       +
        .       Parent=Smp_009540.1;Name=6e381d49-5c53-4331-9b7f-
a093750cc0f8
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SM_V9_2 iris    exon    23041832        23044031        .       +
        .       Parent=Smp_009540.1;Name=f42a0475-
b61e-48f8-861f-1584e81b6d64
SM_V9_2 iris    CDS     23014683        23014697        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23017744        23017917        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23020037        23020286        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23020331        23020566        .       +
        2       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23022655        23022831        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23029786        23030241        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23034855        23035122        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23037658        23037968        .       +
        2       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23039158        23039484        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    CDS     23041832        23042584        .       +
        0       Parent=Smp_009540.1
SM_V9_2 iris    gene    23101460        23125814        .       -
        .
ID=Smp_009550;geneID=Smp_009550;gene_name=Smp_009550;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    23101460        23125814        .       -
        .
ID=Smp_009550.1;Parent=Smp_009550;geneID=Smp_009550;gene_name=Smp_00
9550;owner=irisadmin@local.host;orig_id=Smp_009550.1;date_last_modif
ied=2022-08-01;Name=Smp_009550.1;product=DNA mismatch repair protein
MLH1;date_creation=2022-07-30
SM_V9_2 iris    exon    23101460        23102035        .       -
        .       Parent=Smp_009550.1;Name=8f3674b7-5e67-4ce9-92c8-
c2ac03c9cc90
SM_V9_2 iris    exon    23105240        23105469        .       -
        .
Parent=Smp_009550.1;Name=135fc09d-10a6-46d9-9a08-459d72711c70
SM_V9_2 iris    exon    23109861        23110380        .       -
        .       Parent=Smp_009550.1;Name=c45a388c-5dae-4eec-
bde9-5d6c71997bab
SM_V9_2 iris    exon    23111075        23111484        .       -
        .
Parent=Smp_009550.1;Name=e43b097f-0f10-4687-9cdb-958a56de24a7
SM_V9_2 iris    exon    23112390        23112691        .       -
        .
Parent=Smp_009550.1;Name=200bfb21-159d-478e-871e-6f8bb802b687
SM_V9_2 iris    exon    23114527        23114715        .       -
        .       Parent=Smp_009550.1;Name=ab84bd39-184e-42eb-
ab7a-7c60e9804d27
SM_V9_2 iris    exon    23119620        23119699        .       -
        .       Parent=Smp_009550.1;Name=7aa81da1-6eb0-4a70-
a636-3fb8c400e305
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SM_V9_2 iris    exon    23121724        23122010        .       -
        .       Parent=Smp_009550.1;Name=3228d562-6460-471e-893f-
de9f992d9322
SM_V9_2 iris    exon    23123159        23123272        .       -
        .       Parent=Smp_009550.1;Name=5eacd25a-215c-46b1-92be-
e48fec6ed3c0
SM_V9_2 iris    exon    23125482        23125814        .       -
        .       Parent=Smp_009550.1;Name=24688bb2-e503-4bfa-be76-
b2dbab743f20
SM_V9_2 iris    CDS     23101618        23102035        .       -
        1       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23105240        23105469        .       -
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SM_V9_2 iris    CDS     23109861        23110380        .       -
        1       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23111075        23111484        .       -
        0       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23112390        23112691        .       -
        2       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23114527        23114715        .       -
        2       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23119620        23119699        .       -
        1       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23121724        23122010        .       -
        0       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23123159        23123272        .       -
        0       Parent=Smp_009550.1
SM_V9_2 iris    CDS     23125482        23125688        .       -
        0       Parent=Smp_009550.1
SM_V9_2 iris    gene    23126998        23144989        .       -
        .
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SM_V9_2 iris    mRNA    23126998        23144989        .       -
        .
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9560;owner=irisadmin@local.host;orig_id=Smp_009560.2;date_last_modif
ied=2022-11-13;Name=Smp_009560.1;product=Kelch-like protein
38;date_creation=2022-07-30
SM_V9_2 iris    exon    23126998        23128410        .       -
        .       Parent=Smp_009560.1;Name=f25db5e1-4390-4f43-
bb0d-51dcfc3c938d
SM_V9_2 iris    exon    23130936        23131195        .       -
        .       Parent=Smp_009560.1;Name=b4c2ef36-b7ca-4e40-9665-
ac1123f6109c
SM_V9_2 iris    exon    23133130        23133389        .       -
        .       Parent=Smp_009560.1;Name=5bfac7fc-9674-4b87-
b464-9dbe584c57ad
SM_V9_2 iris    exon    23136384        23136565        .       -
        .       Parent=Smp_009560.1;Name=13393fed-
b6c7-4e5b-888c-93e7b723f023
SM_V9_2 iris    exon    23136861        23137118        .       -
        .       Parent=Smp_009560.1;Name=4016a865-7eda-4b49-
bf12-4b308ec2f159
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SM_V9_2 iris    exon    23138517        23138791        .       -
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b76f-1d0c429e9f91
SM_V9_2 iris    exon    23140735        23141240        .       -
        .       Parent=Smp_009560.1;Name=dfda589d-d9d5-4073-988f-
d44a7c4d9612
SM_V9_2 iris    exon    23144906        23144989        .       -
        .       Parent=Smp_009560.1;Name=b4f5cd26-c4c7-4f11-b65b-
b55e96adf236
SM_V9_2 iris    CDS     23127931        23128410        .       -
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SM_V9_2 iris    CDS     23130936        23131195        .       -
        2       Parent=Smp_009560.1
SM_V9_2 iris    CDS     23133130        23133389        .       -
        1       Parent=Smp_009560.1
SM_V9_2 iris    CDS     23136384        23136565        .       -
        0       Parent=Smp_009560.1
SM_V9_2 iris    CDS     23136861        23137118        .       -
        0       Parent=Smp_009560.1
SM_V9_2 iris    CDS     23138517        23138791        .       -
        2       Parent=Smp_009560.1
SM_V9_2 iris    CDS     23140735        23141137        .       -
        0       Parent=Smp_009560.1
SM_V9_2 iris    non_canonical_five_prime_splice_site    23144904
        23144904        .       -       .       ID=Smp_009560.1-
non_canonical_five_prime_splice_site-23144903;Name=Smp_009560.1-
non_canonical_five_prime_splice_site-23144903
SM_V9_2 Liftoff gene    23153825        23154898        .       +
        .
ID=Smp_335990;geneID=Smp_335990;previous_systematic_id=Smp_009580
SM_V9_2 Liftoff mRNA    23153825        23154898        .       +
        .
ID=Smp_335990.1;Parent=Smp_335990;geneID=Smp_335990;product=polyubiq
uitin (ubiquitin);evidence=Inferred from Sequence
Orthology;polypeptide_domain=InterPro:IPR000626,IPR019954,IPR019956,
IPR029071 Pfam:PF00240;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    23153825        23154898        .       +
        .       Parent=Smp_335990.1
SM_V9_2 Liftoff CDS     23153918        23154604        .       +
        0       Parent=Smp_335990.1
SM_V9_2 iris    gene    23175236        23184081        .       -
        .
ID=Smp_078600;geneID=Smp_078600;gene_name=Smp_078600;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    23175236        23184081        .       -
        .
ID=Smp_078600.1;Parent=Smp_078600;geneID=Smp_078600;gene_name=Smp_07
8600;owner=irisadmin@local.host;orig_id=Smp_078600.1;date_last_modif
ied=2022-07-10;Name=Smp_078600.1;product=Retinol dehydrogenase
11;date_creation=2022-07-10
SM_V9_2 iris    exon    23175236        23176365        .       -
        .       Parent=Smp_078600.1;Name=9d968fdf-0544-4761-
b910-10f2b027baa4
SM_V9_2 iris    exon    23176407        23176974        .       -
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        .       Parent=Smp_078600.1;Name=8438147f-
ca34-46b2-987b-1b08771e9960
SM_V9_2 iris    exon    23184033        23184081        .       -
        .       Parent=Smp_078600.1;Name=9a204409-76f8-4d4a-
b1ad-82d69b8cd647
SM_V9_2 iris    CDS     23175522        23176365        .       -
        1       Parent=Smp_078600.1
SM_V9_2 iris    CDS     23176407        23176615        .       -
        0       Parent=Smp_078600.1
SM_V9_2 Liftoff gene    23198005        23221103        .       +
        .       ID=Smp_078610;geneID=Smp_078610
SM_V9_2 Liftoff mRNA    23198005        23221103        .       +
        .
ID=Smp_078610.1;Parent=Smp_078610;geneID=Smp_078610;product=RNA-
binding protein
25;polypeptide_domain=InterPro:IPR000504,IPR002483,IPR034268
Pfam:PF00076,PF01480;Ontology_term=GO:0003676,GO:0006397
SM_V9_2 Liftoff exon    23198005        23198202        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23198238        23198365        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23198401        23198490        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23198532        23198681        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23198715        23198904        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23198938        23198984        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23200440        23200520        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23200952        23201248        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23209092        23209255        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23210248        23210524        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23211147        23211306        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23213107        23213396        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23215970        23216116        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff exon    23220864        23221103        .       +
        .       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23198157        23198202        .       +
        0       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23198238        23198365        .       +
        2       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23198401        23198490        .       +
        0       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23198532        23198681        .       +
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SM_V9_2 Liftoff CDS     23198715        23198904        .       +
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        0       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23200952        23201248        .       +
        0       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23209092        23209255        .       +
        0       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23210248        23210524        .       +
        1       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23211147        23211306        .       +
        0       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23213107        23213396        .       +
        2       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23215970        23216116        .       +
        0       Parent=Smp_078610.1
SM_V9_2 Liftoff CDS     23220864        23220956        .       +
        0       Parent=Smp_078610.1
SM_V9_2 Liftoff gene    23226176        23228891        .       -
        .       ID=Smp_078640;geneID=Smp_078640
SM_V9_2 Liftoff mRNA    23226176        23228891        .       -
        .
ID=Smp_078640.1;Parent=Smp_078640;geneID=Smp_078640;product=U6
snRNA-associated Sm-like protein
LSm3;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR034105
Pfam:PF01423;Ontology_term=GO:0000398,GO:0000956
SM_V9_2 Liftoff exon    23226176        23226504        .       -
        .       Parent=Smp_078640.1
SM_V9_2 Liftoff exon    23226545        23226640        .       -
        .       Parent=Smp_078640.1
SM_V9_2 Liftoff exon    23228693        23228803        .       -
        .       Parent=Smp_078640.1
SM_V9_2 Liftoff exon    23228843        23228891        .       -
        .       Parent=Smp_078640.1
SM_V9_2 Liftoff CDS     23226427        23226504        .       -
        0       Parent=Smp_078640.1
SM_V9_2 Liftoff CDS     23226545        23226640        .       -
        0       Parent=Smp_078640.1
SM_V9_2 Liftoff CDS     23228693        23228803        .       -
        0       Parent=Smp_078640.1
SM_V9_2 Liftoff CDS     23228843        23228869        .       -
        0       Parent=Smp_078640.1
SM_V9_2 Liftoff gene    23240561        23241611        .       -
        .       ID=Smp_247300;geneID=Smp_247300
SM_V9_2 Liftoff mRNA    23240561        23241611        .       -
        .
ID=Smp_247300.1;Parent=Smp_247300;geneID=Smp_247300;product=Manganes
e-transporting ATPase 13A1
SM_V9_2 Liftoff exon    23240561        23240930        .       -
        .       Parent=Smp_247300.1
SM_V9_2 Liftoff exon    23240960        23241147        .       -
        .       Parent=Smp_247300.1
SM_V9_2 Liftoff exon    23241186        23241275        .       -
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        .       Parent=Smp_247300.1
SM_V9_2 Liftoff exon    23241312        23241611        .       -
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SM_V9_2 Liftoff CDS     23240570        23240930        .       -
        1       Parent=Smp_247300.1
SM_V9_2 Liftoff CDS     23240960        23241147        .       -
        0       Parent=Smp_247300.1
SM_V9_2 Liftoff CDS     23241186        23241275        .       -
        0       Parent=Smp_247300.1
SM_V9_2 Liftoff CDS     23241312        23241563        .       -
        0       Parent=Smp_247300.1
SM_V9_2 Liftoff gene    23247085        23274235        .       +
        .       ID=Smp_164540;geneID=Smp_164540
SM_V9_2 Liftoff mRNA    23247085        23274235        .       +
        .
ID=Smp_164540.1;Parent=Smp_164540;geneID=Smp_164540;product=Manganes
e-transporting ATPase
13A1;polypeptide_domain=InterPro:IPR001757,IPR006544,IPR008250,IPR01
8303,IPR023214,IPR023298,IPR023299
Pfam:PF00122,PF00702;Ontology_term=GO:0000166,GO:0006812,GO:0016021,
GO:0016887
SM_V9_2 Liftoff exon    23247085        23247374        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23247411        23247500        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23247539        23247726        .       +
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SM_V9_2 Liftoff exon    23247756        23247984        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23249234        23249410        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23249978        23250107        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23253096        23253278        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23255436        23255573        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23256315        23256435        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23257603        23257824        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23258716        23258947        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23259975        23260212        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23263578        23263895        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23264281        23264577        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23265816        23266012        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23267647        23267789        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff exon    23269240        23269324        .       +
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SM_V9_2 Liftoff exon    23272845        23274235        .       +
        .       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23247123        23247374        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23247411        23247500        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23247539        23247726        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23247756        23247984        .       +
        1       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23249234        23249410        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23249978        23250107        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23253096        23253278        .       +
        2       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23255436        23255573        .       +
        2       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23256315        23256435        .       +
        2       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23257603        23257824        .       +
        1       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23258716        23258947        .       +
        1       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23259975        23260212        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23263578        23263895        .       +
        2       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23264281        23264577        .       +
        2       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23265816        23266012        .       +
        2       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23267647        23267789        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23269240        23269324        .       +
        1       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23271656        23271817        .       +
        0       Parent=Smp_164540.1
SM_V9_2 Liftoff CDS     23272845        23272952        .       +
        0       Parent=Smp_164540.1
SM_V9_2 iris    gene    23378457        23398355        .       -
        .
ID=Smp_173010;geneID=Smp_173010;gene_name=Smp_173010;owner=irisadmin
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SM_V9_2 iris    mRNA    23378457        23398355        .       -
        .
ID=Smp_173010.1;Parent=Smp_173010;geneID=Smp_173010;gene_name=Smp_17
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ied=2022-07-31;Name=Smp_173010.1;product=Sex peptide
receptor;date_creation=2022-07-30
SM_V9_2 iris    exon    23378457        23380326        .       -
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        .       Parent=Smp_173010.1;Name=38630fc0-03b8-43ad-a15d-
a93e6c819dee
SM_V9_2 iris    exon    23398094        23398355        .       -
        .       Parent=Smp_173010.1;Name=c720bdca-265d-4cca-
ad87-66ff1fad8538
SM_V9_2 iris    CDS     23380126        23380326        .       -
        0       Parent=Smp_173010.1
SM_V9_2 iris    CDS     23388470        23389627        .       -
        0       Parent=Smp_173010.1
SM_V9_2 iris    gene    23427988        23439578        .       -
        .
ID=Smp_173000;geneID=Smp_173000;gene_name=Smp_173000;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    23427988        23439578        .       -
        .
ID=Smp_173000.1;Parent=Smp_173000;geneID=Smp_173000;gene_name=Smp_17
3000;owner=irisadmin@local.host;orig_id=Smp_173000.1;date_last_modif
ied=2022-08-17;Name=Smp_173000.1;product=Hydroxyacyl-thioester
dehydratase type 2, mitochondrial;date_creation=2022-08-17
SM_V9_2 iris    exon    23427988        23428199        .       -
        .       Parent=Smp_173000.1;Name=e64399be-7844-4b53-877f-
c07fd2270ab1
SM_V9_2 iris    exon    23431600        23431700        .       -
        .       Parent=Smp_173000.1;Name=3767b700-576f-484b-bbc0-
c9714e23f9a6
SM_V9_2 iris    exon    23434944        23435026        .       -
        .       Parent=Smp_173000.1;Name=b4e388db-9fc0-498f-a0b6-
cb98ae78e977
SM_V9_2 iris    exon    23439346        23439578        .       -
        .       Parent=Smp_173000.1;Name=6fd281ac-a74f-480e-96ce-
bd528973dbdb
SM_V9_2 iris    CDS     23428104        23428199        .       -
        0       Parent=Smp_173000.1
SM_V9_2 iris    CDS     23431600        23431700        .       -
        2       Parent=Smp_173000.1
SM_V9_2 iris    CDS     23434944        23435026        .       -
        1       Parent=Smp_173000.1
SM_V9_2 iris    CDS     23439346        23439578        .       -
        0       Parent=Smp_173000.1
SM_V9_2 Liftoff gene    23444255        23481021        .       -
        .       ID=Smp_172990;geneID=Smp_172990
SM_V9_2 Liftoff mRNA    23444255        23481021        .       -
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phosphatase 1 regulatory subunit
37;polypeptide_domain=InterPro:IPR001611
Pfam:PF13516;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    23444255        23449705        .       -
        .       Parent=Smp_172990.1
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        .       Parent=Smp_172990.1
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SM_V9_2 Liftoff exon    23455263        23455695        .       -
        .       Parent=Smp_172990.1
SM_V9_2 Liftoff exon    23457466        23458152        .       -
        .       Parent=Smp_172990.1
SM_V9_2 Liftoff exon    23459739        23459864        .       -
        .       Parent=Smp_172990.1
SM_V9_2 Liftoff exon    23463109        23463209        .       -
        .       Parent=Smp_172990.1
SM_V9_2 Liftoff exon    23466810        23466861        .       -
        .       Parent=Smp_172990.1
SM_V9_2 Liftoff exon    23475208        23475308        .       -
        .       Parent=Smp_172990.1
SM_V9_2 Liftoff exon    23476719        23481021        .       -
        .       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23448866        23449705        .       -
        0       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23451712        23451896        .       -
        2       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23455263        23455695        .       -
        0       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23457466        23458152        .       -
        0       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23459739        23459864        .       -
        0       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23463109        23463209        .       -
        2       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23466810        23466861        .       -
        0       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23475208        23475308        .       -
        2       Parent=Smp_172990.1
SM_V9_2 Liftoff CDS     23476719        23476878        .       -
        0       Parent=Smp_172990.1
SM_V9_2 iris    gene    23509971        23536092        .       +
        .
ID=Smp_156400;geneID=Smp_156400;gene_name=Smp_156400;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    23509971        23536092        .       +
        .
ID=Smp_156400.1;Parent=Smp_156400;geneID=Smp_156400;gene_name=Smp_15
6400;owner=irisadmin@local.host;orig_id=Smp_156400.1;date_last_modif
ied=2022-07-31;Name=Smp_156400.1;product=Cytochrome P450
2C16;date_creation=2022-07-30
SM_V9_2 iris    exon    23509971        23510128        .       +
        .       Parent=Smp_156400.1;Name=c40e358f-c964-4dbb-
bf3d-8757fa0cf3e2
SM_V9_2 iris    exon    23513597        23513786        .       +
        .
Parent=Smp_156400.1;Name=5f1a887a-6821-4145-93d5-72d8287a9fa0
SM_V9_2 iris    exon    23516786        23516974        .       +
        .       Parent=Smp_156400.1;Name=7c9bb05e-
cca5-4aeb-8fd8-50a4b729f862
SM_V9_2 iris    exon    23519244        23519442        .       +
        .       Parent=Smp_156400.1;Name=ae1f395e-
d59c-4b29-9571-89e21d960e7e
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SM_V9_2 iris    exon    23522062        23522223        .       +
        .       Parent=Smp_156400.1;Name=13c797e1-643e-4ac0-
a210-84a6826edb28
SM_V9_2 iris    exon    23524270        23524439        .       +
        .       Parent=Smp_156400.1;Name=0036a448-560c-416e-8407-
ed5a65bad072
SM_V9_2 iris    exon    23525838        23526188        .       +
        .       Parent=Smp_156400.1;Name=14413d2e-55ae-4f9b-
aaab-63ede9219a6a
SM_V9_2 iris    exon    23529060        23529182        .       +
        .       Parent=Smp_156400.1;Name=f29cec52-b218-4346-
acbb-21363473e1d7
SM_V9_2 iris    exon    23535854        23536092        .       +
        .       Parent=Smp_156400.1;Name=8d8787f8-
daea-4afc-818c-04fa9cc5df47
SM_V9_2 iris    CDS     23513633        23513786        .       +
        0       Parent=Smp_156400.1
SM_V9_2 iris    CDS     23516786        23516974        .       +
        2       Parent=Smp_156400.1
SM_V9_2 iris    CDS     23519244        23519442        .       +
        2       Parent=Smp_156400.1
SM_V9_2 iris    CDS     23522062        23522223        .       +
        1       Parent=Smp_156400.1
SM_V9_2 iris    CDS     23524270        23524439        .       +
        1       Parent=Smp_156400.1
SM_V9_2 iris    CDS     23525838        23526188        .       +
        2       Parent=Smp_156400.1
SM_V9_2 iris    CDS     23529060        23529182        .       +
        2       Parent=Smp_156400.1
SM_V9_2 iris    CDS     23535854        23535951        .       +
        2       Parent=Smp_156400.1
SM_V9_2 Liftoff gene    23539741        23544221        .       -
        .       ID=Smp_063520;geneID=Smp_063520
SM_V9_2 Liftoff mRNA    23539741        23544221        .       -
        .
ID=Smp_063520.1;Parent=Smp_063520;geneID=Smp_063520;product=Pre-B-
cell leukemia transcription factor
4;polypeptide_domain=InterPro:IPR001356,IPR008422,IPR009057
Pfam:PF05920;Ontology_term=GO:0003677,GO:0006355
SM_V9_2 Liftoff exon    23539741        23540112        .       -
        .       Parent=Smp_063520.1
SM_V9_2 Liftoff exon    23540789        23542445        .       -
        .       Parent=Smp_063520.1
SM_V9_2 Liftoff exon    23543517        23544221        .       -
        .       Parent=Smp_063520.1
SM_V9_2 Liftoff CDS     23539927        23540112        .       -
        0       Parent=Smp_063520.1
SM_V9_2 Liftoff CDS     23540789        23542445        .       -
        1       Parent=Smp_063520.1
SM_V9_2 Liftoff CDS     23543517        23543743        .       -
        0       Parent=Smp_063520.1
SM_V9_2 Liftoff gene    23547093        23567224        .       +
        .       ID=Smp_063530;geneID=Smp_063530
SM_V9_2 Liftoff mRNA    23547093        23567224        .       +
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        .
ID=Smp_063530.1;Parent=Smp_063530;geneID=Smp_063530;product=Ferritin
;evidence=Inferred from Sequence or structural
Similarity;polypeptide_domain=InterPro:IPR008331,IPR009040,IPR009078
,IPR012347 Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    23547093        23547248        .       +
        .       Parent=Smp_063530.1
SM_V9_2 Liftoff exon    23548467        23548585        .       +
        .       Parent=Smp_063530.1
SM_V9_2 Liftoff exon    23552990        23553136        .       +
        .       Parent=Smp_063530.1
SM_V9_2 Liftoff exon    23561673        23561693        .       +
        .       Parent=Smp_063530.1
SM_V9_2 Liftoff exon    23564501        23564635        .       +
        .       Parent=Smp_063530.1
SM_V9_2 Liftoff exon    23566671        23567224        .       +
        .       Parent=Smp_063530.1
SM_V9_2 Liftoff CDS     23547203        23547248        .       +
        0       Parent=Smp_063530.1
SM_V9_2 Liftoff CDS     23548467        23548585        .       +
        2       Parent=Smp_063530.1
SM_V9_2 Liftoff CDS     23552990        23553136        .       +
        0       Parent=Smp_063530.1
SM_V9_2 Liftoff CDS     23561673        23561693        .       +
        0       Parent=Smp_063530.1
SM_V9_2 Liftoff CDS     23564501        23564635        .       +
        0       Parent=Smp_063530.1
SM_V9_2 Liftoff CDS     23566671        23566796        .       +
        0       Parent=Smp_063530.1
SM_V9_2 Liftoff mRNA    23547093        23567224        .       +
        .
ID=Smp_063530.2;Parent=Smp_063530;geneID=Smp_063530;product=Ferritin
;evidence=Inferred from Sequence or structural
Similarity;polypeptide_domain=InterPro:IPR008331,IPR009040,IPR009078
,IPR012347 Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    23547093        23547248        .       +
        .       Parent=Smp_063530.2
SM_V9_2 Liftoff exon    23548467        23548585        .       +
        .       Parent=Smp_063530.2
SM_V9_2 Liftoff exon    23552990        23553136        .       +
        .       Parent=Smp_063530.2
SM_V9_2 Liftoff exon    23564501        23564635        .       +
        .       Parent=Smp_063530.2
SM_V9_2 Liftoff exon    23566671        23567224        .       +
        .       Parent=Smp_063530.2
SM_V9_2 Liftoff CDS     23547203        23547248        .       +
        0       Parent=Smp_063530.2
SM_V9_2 Liftoff CDS     23548467        23548585        .       +
        2       Parent=Smp_063530.2
SM_V9_2 Liftoff CDS     23552990        23553136        .       +
        0       Parent=Smp_063530.2
SM_V9_2 Liftoff CDS     23564501        23564635        .       +
        0       Parent=Smp_063530.2
SM_V9_2 Liftoff CDS     23566671        23566796        .       +
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        0       Parent=Smp_063530.2
SM_V9_2 iris    gene    23568874        23581559        .       -
        .
ID=Smp_063540;geneID=Smp_063540;gene_name=Smp_063540;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    23568874        23581559        .       -
        .
ID=Smp_063540.1;Parent=Smp_063540;geneID=Smp_063540;gene_name=Smp_06
3540;owner=irisadmin@local.host;orig_id=Smp_063540.2;date_last_modif
ied=2022-07-10;Name=Smp_063540.1;product=Coiled-coil domain-
containing protein R3HCC1L;date_creation=2022-07-10
SM_V9_2 iris    exon    23568874        23569444        .       -
        .       Parent=Smp_063540.1;Name=15468255-c1a7-4294-ae09-
d678cf3bcd4c
SM_V9_2 iris    exon    23570598        23571118        .       -
        .       Parent=Smp_063540.1;Name=8d3536ff-b16b-4895-a85a-
edcac1a524f7
SM_V9_2 iris    exon    23573224        23573764        .       -
        .
Parent=Smp_063540.1;Name=8018a327-8bb3-4155-9671-9700778341c8
SM_V9_2 iris    exon    23575093        23575228        .       -
        .       Parent=Smp_063540.1;Name=90f382a0-38f0-4fb0-87f0-
cbc0b5c0cc00
SM_V9_2 iris    exon    23581409        23581559        .       -
        .       Parent=Smp_063540.1;Name=ca303171-5131-4317-
bd43-45dcbc69a8aa
SM_V9_2 iris    CDS     23570702        23571118        .       -
        0       Parent=Smp_063540.1
SM_V9_2 iris    CDS     23573224        23573691        .       -
        0       Parent=Smp_063540.1
SM_V9_2 iris    mRNA    23568874        23581559        .       -
        .
ID=Smp_063540.2;Parent=Smp_063540;geneID=Smp_063540;gene_name=Smp_06
3540;owner=irisadmin@local.host;orig_id=Smp_063540.1;date_last_modif
ied=2022-07-10;Name=Smp_063540.2;product=Coiled-coil domain-
containing protein R3HCC1L;date_creation=2022-07-10
SM_V9_2 iris    exon    23568874        23569444        .       -
        .       Parent=Smp_063540.2;Name=3462e6a0-86dd-4d9c-9679-
ab95c13c96c7
SM_V9_2 iris    exon    23570902        23571118        .       -
        .       Parent=Smp_063540.2;Name=325d388c-c53b-4ff7-
b6f4-44ac98e22074
SM_V9_2 iris    exon    23573224        23573715        .       -
        .       Parent=Smp_063540.2;Name=075fd1f9-bd9c-41c9-
a5a8-297718aa9e63
SM_V9_2 iris    exon    23581443        23581559        .       -
        .       Parent=Smp_063540.2;Name=2eb8817a-4b73-4124-8aba-
eee34d1337f7
SM_V9_2 iris    CDS     23569392        23569444        .       -
        2       Parent=Smp_063540.2
SM_V9_2 iris    CDS     23570902        23571118        .       -
        0       Parent=Smp_063540.2
SM_V9_2 iris    CDS     23573224        23573691        .       -
        0       Parent=Smp_063540.2
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SM_V9_2 iris    gene    23598072        23612350        .       +
       .
ID=Smp_305560;geneID=Smp_305560;gene_name=Smp_305560;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    23598072        23612350        .       +
       .
ID=Smp_305560.1;Parent=Smp_305560;geneID=Smp_305560;gene_name=Smp_30
5560;owner=irisadmin@local.host;orig_id=Smp_305560.3;date_last_modif
ied=2022-07-10;Name=Smp_305560.1;product=Transmembrane protein
120B;date_creation=2022-07-10
SM_V9_2 iris    exon    23598072        23598199        .       +
       .       Parent=Smp_305560.1;Name=237868ae-fb92-449c-86ab-
a364e9ea0413
SM_V9_2 iris    exon    23598248        23598366        .       +
       .
Parent=Smp_305560.1;Name=7f81b61e-49ac-4a66-89ac-83bf9d5adfe9
SM_V9_2 iris    exon    23598396        23598512        .       +
       .
Parent=Smp_305560.1;Name=4b03b370-2445-40bf-8d9a-78814e93f378
SM_V9_2 iris    exon    23598544        23598603        .       +
       .       Parent=Smp_305560.1;Name=58e7a21b-c0de-452c-ab48-
dee2b84d3511
SM_V9_2 iris    exon    23598634        23598729        .       +
       .       Parent=Smp_305560.1;Name=43fca25d-9705-449d-8fc7-
da1ada0827a2
SM_V9_2 iris    exon    23600581        23600736        .       +
       .
Parent=Smp_305560.1;Name=ce1d3c69-48ab-4cfd-87f2-69e293600400
SM_V9_2 iris    exon    23601207        23601268        .       +
       .       Parent=Smp_305560.1;Name=bb4bc26e-
cecc-4fef-9aa2-7d8bc5aa3ac2
SM_V9_2 iris    exon    23606366        23606458        .       +
       .       Parent=Smp_305560.1;Name=2876aa59-85b6-4c6e-9862-
ef816c00d012
SM_V9_2 iris    exon    23608066        23608199        .       +
       .
Parent=Smp_305560.1;Name=d13f4c2b-0cfc-4f7d-9a20-554918ab1775
SM_V9_2 iris    exon    23611348        23612350        .       +
       .       Parent=Smp_305560.1;Name=81e43dea-
dfa2-4a21-8881-357077528f28
SM_V9_2 iris    CDS     23598143        23598199        .       +
       0       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23598248        23598366        .       +
       0       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23598396        23598512        .       +
       1       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23598544        23598603        .       +
       1       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23598634        23598729        .       +
       1       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23600581        23600736        .       +
       1       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23601207        23601268        .       +
       1       Parent=Smp_305560.1
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SM_V9_2 iris    CDS     23606366        23606458        .       +
        2       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23608066        23608199        .       +
        2       Parent=Smp_305560.1
SM_V9_2 iris    CDS     23611348        23611563        .       +
        0       Parent=Smp_305560.1
SM_V9_2 iris    gene    23646915        23662676        .       -
        .
ID=Smp_156410;geneID=Smp_156410;gene_name=Smp_156410;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    23646915        23662676        .       -
        .
ID=Smp_156410.1;Parent=Smp_156410;geneID=Smp_156410;gene_name=Smp_15
6410;owner=irisadmin@local.host;orig_id=Smp_156410.1;date_last_modif
ied=2022-07-31;Name=Smp_156410.1;product=Protein spinster homolog
1;date_creation=2022-07-30
SM_V9_2 iris    exon    23646915        23647612        .       -
        .       Parent=Smp_156410.1;Name=2d13dd63-2d76-483d-a59e-
c77ea3f67351
SM_V9_2 iris    exon    23652790        23652955        .       -
        .       Parent=Smp_156410.1;Name=6f96afa2-60a9-41b9-
b905-604a4a47a809
SM_V9_2 iris    exon    23654841        23654939        .       -
        .
Parent=Smp_156410.1;Name=aaa7088c-8d8f-409a-8d53-18022c1fc377
SM_V9_2 iris    exon    23657535        23657600        .       -
        .       Parent=Smp_156410.1;Name=164dfdd8-6769-4a4c-b65b-
b95c0b3e150c
SM_V9_2 iris    exon    23659121        23659316        .       -
        .
Parent=Smp_156410.1;Name=f8a96f24-212f-4579-89d3-6ff790e18ba1
SM_V9_2 iris    exon    23660086        23660427        .       -
        .       Parent=Smp_156410.1;Name=c01cb54c-38eb-4602-9b2a-
d0b62dc2924e
SM_V9_2 iris    exon    23662039        23662190        .       -
        .       Parent=Smp_156410.1;Name=a0b3af28-
f08e-4b92-8857-8b6554ddd194
SM_V9_2 iris    exon    23662220        23662422        .       -
        .
Parent=Smp_156410.1;Name=bb08a348-0a2b-451a-8a0d-166ea8ed10ba
SM_V9_2 iris    exon    23662460        23662676        .       -
        .       Parent=Smp_156410.1;Name=14ee1fcb-040c-4bab-922a-
e2aed0511b87
SM_V9_2 iris    CDS     23647521        23647612        .       -
        2       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23652790        23652955        .       -
        0       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23654841        23654939        .       -
        0       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23657535        23657600        .       -
        0       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23659121        23659316        .       -
        1       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23660086        23660427        .       -
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        1       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23662039        23662190        .       -
        0       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23662220        23662422        .       -
        2       Parent=Smp_156410.1
SM_V9_2 iris    CDS     23662460        23662634        .       -
        0       Parent=Smp_156410.1
SM_V9_2 Liftoff gene    23670863        23673815        .       +
        .       ID=Smp_063580;geneID=Smp_063580
SM_V9_2 Liftoff mRNA    23670863        23673815        .       +
        .
ID=Smp_063580.1;Parent=Smp_063580;geneID=Smp_063580;product=N-alpha-
acetyltransferase 30;polypeptide_domain=InterPro:IPR000182,IPR016181
Pfam:PF00583;Ontology_term=GO:0008080
SM_V9_2 Liftoff exon    23670863        23672041        .       +
        .       Parent=Smp_063580.1
SM_V9_2 Liftoff exon    23672078        23672253        .       +
        .       Parent=Smp_063580.1
SM_V9_2 Liftoff exon    23672294        23672420        .       +
        .       Parent=Smp_063580.1
SM_V9_2 Liftoff exon    23672462        23672517        .       +
        .       Parent=Smp_063580.1
SM_V9_2 Liftoff exon    23673466        23673815        .       +
        .       Parent=Smp_063580.1
SM_V9_2 Liftoff CDS     23671966        23672041        .       +
        0       Parent=Smp_063580.1
SM_V9_2 Liftoff CDS     23672078        23672253        .       +
        2       Parent=Smp_063580.1
SM_V9_2 Liftoff CDS     23672294        23672420        .       +
        0       Parent=Smp_063580.1
SM_V9_2 Liftoff CDS     23672462        23672517        .       +
        2       Parent=Smp_063580.1
SM_V9_2 Liftoff CDS     23673466        23673627        .       +
        0       Parent=Smp_063580.1
SM_V9_2 Liftoff gene    23688613        23700165        .       +
        .
ID=Smp_247350;geneID=Smp_247350;previous_systematic_id=Smp_156420
SM_V9_2 Liftoff mRNA    23688613        23700165        .       +
        .
ID=Smp_247350.1;Parent=Smp_247350;geneID=Smp_247350;product=MDS1 and
EVI1 complex locus protein
EVI1;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    23688613        23688861        .       +
        .       Parent=Smp_247350.1
SM_V9_2 Liftoff exon    23691493        23691784        .       +
        .       Parent=Smp_247350.1
SM_V9_2 Liftoff exon    23694801        23695423        .       +
        .       Parent=Smp_247350.1
SM_V9_2 Liftoff exon    23699042        23700165        .       +
        .       Parent=Smp_247350.1
SM_V9_2 Liftoff CDS     23688641        23688861        .       +
        0       Parent=Smp_247350.1
SM_V9_2 Liftoff CDS     23691493        23691784        .       +
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        1       Parent=Smp_247350.1
SM_V9_2 Liftoff CDS     23694801        23695423        .       +
        0       Parent=Smp_247350.1
SM_V9_2 Liftoff CDS     23699042        23699774        .       +
        1       Parent=Smp_247350.1
SM_V9_2 Liftoff mRNA    23688613        23700165        .       +
        .
ID=Smp_247350.2;Parent=Smp_247350;geneID=Smp_247350;product=MDS1 and
EVI1 complex locus protein
EVI1;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    23688613        23688861        .       +
        .       Parent=Smp_247350.2
SM_V9_2 Liftoff exon    23691493        23691784        .       +
        .       Parent=Smp_247350.2
SM_V9_2 Liftoff exon    23694801        23695423        .       +
        .       Parent=Smp_247350.2
SM_V9_2 Liftoff exon    23698197        23698229        .       +
        .       Parent=Smp_247350.2
SM_V9_2 Liftoff exon    23699042        23700165        .       +
        .       Parent=Smp_247350.2
SM_V9_2 Liftoff CDS     23688641        23688861        .       +
        0       Parent=Smp_247350.2
SM_V9_2 Liftoff CDS     23691493        23691784        .       +
        1       Parent=Smp_247350.2
SM_V9_2 Liftoff CDS     23694801        23695423        .       +
        0       Parent=Smp_247350.2
SM_V9_2 Liftoff CDS     23698197        23698229        .       +
        1       Parent=Smp_247350.2
SM_V9_2 Liftoff CDS     23699042        23699774        .       +
        1       Parent=Smp_247350.2
SM_V9_2 Liftoff gene    23710613        23750751        .       +
        .
ID=Smp_247360;geneID=Smp_247360;previous_systematic_id=Smp_156420
SM_V9_2 Liftoff mRNA    23710613        23750751        .       +
        .
ID=Smp_247360.1;Parent=Smp_247360;geneID=Smp_247360;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:00036
76
SM_V9_2 Liftoff exon    23710613        23710756        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23713075        23713704        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23717006        23717057        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23720318        23720686        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23724869        23725469        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23729309        23729767        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23730365        23730854        .       +
        .       Parent=Smp_247360.1
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SM_V9_2 Liftoff exon    23736157        23736327        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23738567        23738800        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23740342        23740719        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23743418        23743690        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23746153        23746221        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23748171        23748326        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff exon    23750343        23750751        .       +
        .       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23710652        23710756        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23713075        23713704        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23717006        23717057        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23720318        23720686        .       +
        2       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23724869        23725469        .       +
        2       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23729309        23729767        .       +
        1       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23730365        23730854        .       +
        1       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23736157        23736327        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23738567        23738800        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23740342        23740719        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23743418        23743690        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23746153        23746221        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23748171        23748326        .       +
        0       Parent=Smp_247360.1
SM_V9_2 Liftoff CDS     23750343        23750381        .       +
        0       Parent=Smp_247360.1
SM_V9_2 iris    gene    23755344        23767129        .       -
        .
ID=Smp_063630;geneID=Smp_063630;gene_name=Smp_063630;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    23755344        23767129        .       -
        .
ID=Smp_063630.1;Parent=Smp_063630;geneID=Smp_063630;gene_name=Smp_06
3630;owner=irisadmin@local.host;orig_id=Smp_063630.1;date_last_modif
ied=2022-07-31;Name=Smp_063630.1;product=F-box only protein
36;date_creation=2022-07-30
SM_V9_2 iris    exon    23755344        23755570        .       -
        .       Parent=Smp_063630.1;Name=60f51dcd-792e-400a-a1c9-
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dd46b53413e8
SM_V9_2 iris    exon    23762577        23762664        .       -
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a8ae-9b1d5401d267
SM_V9_2 iris    exon    23762718        23762852        .       -
        .       Parent=Smp_063630.1;Name=141c10f7-a493-40c0-
a921-28dde78e3478
SM_V9_2 iris    exon    23762897        23763069        .       -
        .       Parent=Smp_063630.1;Name=a6138a8e-2094-4f24-
a81c-9959285adf95
SM_V9_2 iris    exon    23763364        23763472        .       -
        .       Parent=Smp_063630.1;Name=bd4f21fd-3d2e-4ad9-ad77-
afcc569776c8
SM_V9_2 iris    exon    23766937        23767129        .       -
        .
Parent=Smp_063630.1;Name=1091c591-2c7d-4d23-869a-33a2f59eade3
SM_V9_2 iris    CDS     23755536        23755570        .       -
        2       Parent=Smp_063630.1
SM_V9_2 iris    CDS     23762577        23762664        .       -
        0       Parent=Smp_063630.1
SM_V9_2 iris    CDS     23762718        23762852        .       -
        0       Parent=Smp_063630.1
SM_V9_2 iris    CDS     23762897        23763069        .       -
        2       Parent=Smp_063630.1
SM_V9_2 iris    CDS     23763364        23763472        .       -
        0       Parent=Smp_063630.1
SM_V9_2 iris    CDS     23766937        23767080        .       -
        0       Parent=Smp_063630.1
SM_V9_2 Liftoff gene    23771398        23780829        .       -
        .       ID=Smp_063640;geneID=Smp_063640
SM_V9_2 Liftoff mRNA    23771398        23780829        .       -
        .
ID=Smp_063640.1;Parent=Smp_063640;geneID=Smp_063640;product=Guanine
nucleotide-binding protein subunit
beta;polypeptide_domain=InterPro:IPR001632,IPR001680,IPR015943,IPR01
7986,IPR019775,IPR020472 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    23771398        23772293        .       -
        .       Parent=Smp_063640.1
SM_V9_2 Liftoff exon    23772860        23773148        .       -
        .       Parent=Smp_063640.1
SM_V9_2 Liftoff exon    23775513        23775642        .       -
        .       Parent=Smp_063640.1
SM_V9_2 Liftoff exon    23778562        23778791        .       -
        .       Parent=Smp_063640.1
SM_V9_2 Liftoff exon    23780411        23780620        .       -
        .       Parent=Smp_063640.1
SM_V9_2 Liftoff exon    23780666        23780829        .       -
        .       Parent=Smp_063640.1
SM_V9_2 Liftoff CDS     23772187        23772293        .       -
        2       Parent=Smp_063640.1
SM_V9_2 Liftoff CDS     23772860        23773148        .       -
        0       Parent=Smp_063640.1
SM_V9_2 Liftoff CDS     23775513        23775642        .       -
        1       Parent=Smp_063640.1
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SM_V9_2 Liftoff CDS     23778562        23778791        .       -
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SM_V9_2 Liftoff CDS     23780411        23780620        .       -
        0       Parent=Smp_063640.1
SM_V9_2 Liftoff CDS     23780666        23780722        .       -
        0       Parent=Smp_063640.1
SM_V9_2 iris    gene    23789263        23797697        .       +
        .
ID=Smp_063650;geneID=Smp_063650;gene_name=Smp_063650;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_2 iris    mRNA    23789263        23797697        .       +
        .
ID=Smp_063650.1;Parent=Smp_063650;geneID=Smp_063650;gene_name=Smp_06
3650;owner=irisadmin@local.host;orig_id=Smp_063650.1;date_last_modif
ied=2022-08-23;Name=Smp_063650.1;product=Transcription initiation
factor IIB;date_creation=2022-08-23
SM_V9_2 iris    exon    23789263        23789505        .       +
        .
Parent=Smp_063650.1;Name=3606f2be-8a08-4ea0-9378-8d7831a3effd
SM_V9_2 iris    exon    23789547        23789648        .       +
        .       Parent=Smp_063650.1;Name=65ee7915-5aad-4a80-
bc69-3d4db0bde76a
SM_V9_2 iris    exon    23789696        23789975        .       +
        .
Parent=Smp_063650.1;Name=fc34b59f-9471-4d78-9f8d-3aa36020da30
SM_V9_2 iris    exon    23792281        23792410        .       +
        .       Parent=Smp_063650.1;Name=1c2fdc9f-e055-4e5c-
acf3-4dd39ee0ff7e
SM_V9_2 iris    exon    23795100        23795381        .       +
        .
Parent=Smp_063650.1;Name=be6d552f-7945-4eb8-8c09-77a5e4ab8a79
SM_V9_2 iris    exon    23797418        23797697        .       +
        .       Parent=Smp_063650.1;Name=3ca25a06-17b4-4111-a254-
e85cfb0d17ca
SM_V9_2 iris    CDS     23789504        23789505        .       +
        0       Parent=Smp_063650.1
SM_V9_2 iris    CDS     23789547        23789648        .       +
        1       Parent=Smp_063650.1
SM_V9_2 iris    CDS     23789696        23789975        .       +
        1       Parent=Smp_063650.1
SM_V9_2 iris    CDS     23792281        23792410        .       +
        0       Parent=Smp_063650.1
SM_V9_2 iris    CDS     23795100        23795381        .       +
        2       Parent=Smp_063650.1
SM_V9_2 iris    CDS     23797418        23797548        .       +
        2       Parent=Smp_063650.1
SM_V9_2 Liftoff gene    23798838        23829439        .       -
        .       ID=Smp_156450;geneID=Smp_156450
SM_V9_2 Liftoff mRNA    23798838        23829439        .       -
        .
ID=Smp_156450.1;Parent=Smp_156450;geneID=Smp_156450;product=Regulato
r of nonsense transcripts
2;polypeptide_domain=InterPro:IPR003890,IPR007193,IPR016024
Pfam:PF02854,PF04050;Ontology_term=GO:0003723,GO:0005488,GO:0005515
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SM_V9_2 Liftoff exon    23798838        23799626        .       -
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SM_V9_2 Liftoff exon    23801089        23801215        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23801375        23801567        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23806575        23807036        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23807863        23808053        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23808939        23809476        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23812683        23812822        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23813312        23813450        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23814136        23814297        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23815059        23815187        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23815717        23815994        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23816623        23816875        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23817991        23818082        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23818639        23818776        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23820840        23820921        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23821461        23821553        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23821595        23821635        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23822867        23823183        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23825795        23826012        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23826049        23826279        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23826319        23826483        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff exon    23826519        23829439        .       -
        .       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23799605        23799626        .       -
        1       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23801089        23801215        .       -
        2       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23801375        23801567        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23806575        23807036        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23807863        23808053        .       -
        2       Parent=Smp_156450.1
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SM_V9_2 Liftoff CDS     23808939        23809476        .       -
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SM_V9_2 Liftoff CDS     23812683        23812822        .       -
        2       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23813312        23813450        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23814136        23814297        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23815059        23815187        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23815717        23815994        .       -
        2       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23816623        23816875        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23817991        23818082        .       -
        2       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23818639        23818776        .       -
        2       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23820840        23820921        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23821461        23821553        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23821595        23821635        .       -
        2       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23822867        23823183        .       -
        1       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23825795        23826012        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23826049        23826279        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23826319        23826483        .       -
        0       Parent=Smp_156450.1
SM_V9_2 Liftoff CDS     23826519        23826554        .       -
        0       Parent=Smp_156450.1
SM_V9_2 iris    gene    23839133        23853743        .       +
        .
ID=Smp_063670;geneID=Smp_063670;gene_name=Smp_063670;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    23839133        23853743        .       +
        .
ID=Smp_063670.1;Parent=Smp_063670;geneID=Smp_063670;gene_name=Smp_06
3670;owner=irisadmin@local.host;orig_id=Smp_063670.2;date_last_modif
ied=2022-07-31;Name=Smp_063670.1;product=Protein DDI1 homolog
2;date_creation=2022-07-30
SM_V9_2 iris    exon    23839133        23839424        .       +
        .       Parent=Smp_063670.1;Name=d72d39de-8b55-45a5-
a90e-97a96d062167
SM_V9_2 iris    exon    23839470        23839635        .       +
        .
Parent=Smp_063670.1;Name=2cb1159d-2aab-4bf5-9ed2-9d64a96f8a2f
SM_V9_2 iris    exon    23842547        23842673        .       +
        .
Parent=Smp_063670.1;Name=cbdb0bd8-2e26-4ae3-9372-91f423a59dc5
SM_V9_2 iris    exon    23846610        23846898        .       +
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        .       Parent=Smp_063670.1;Name=7e5ffe8b-5d8b-489a-b794-
ad5886061d3a
SM_V9_2 iris    exon    23850796        23850999        .       +
        .       Parent=Smp_063670.1;Name=7faa44dc-100b-4146-
a095-9087b844be51
SM_V9_2 iris    exon    23852873        23853743        .       +
        .       Parent=Smp_063670.1;Name=95d675c7-e22b-4631-b398-
b6fb771fa6d8
SM_V9_2 iris    CDS     23839245        23839424        .       +
        0       Parent=Smp_063670.1
SM_V9_2 iris    CDS     23839470        23839635        .       +
        0       Parent=Smp_063670.1
SM_V9_2 iris    CDS     23842547        23842673        .       +
        2       Parent=Smp_063670.1
SM_V9_2 iris    CDS     23846610        23846898        .       +
        1       Parent=Smp_063670.1
SM_V9_2 iris    CDS     23850796        23850999        .       +
        0       Parent=Smp_063670.1
SM_V9_2 iris    CDS     23852873        23853022        .       +
        0       Parent=Smp_063670.1
SM_V9_2 Liftoff gene    23883601        23922546        .       -
        .       ID=Smp_063680;geneID=Smp_063680
SM_V9_2 Liftoff mRNA    23883601        23922546        .       -
        .
ID=Smp_063680.1;Parent=Smp_063680;geneID=Smp_063680;product=Biotin
synthase
SM_V9_2 Liftoff exon    23883601        23885200        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff exon    23886634        23887331        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff exon    23888916        23889047        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff exon    23891642        23891724        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff exon    23895390        23895769        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff exon    23908106        23908176        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff exon    23909422        23909501        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff exon    23922208        23922546        .       -
        .       Parent=Smp_063680.1
SM_V9_2 Liftoff CDS     23884724        23885200        .       -
        0       Parent=Smp_063680.1
SM_V9_2 Liftoff CDS     23886634        23887331        .       -
        2       Parent=Smp_063680.1
SM_V9_2 Liftoff CDS     23888916        23889047        .       -
        2       Parent=Smp_063680.1
SM_V9_2 Liftoff CDS     23891642        23891724        .       -
        1       Parent=Smp_063680.1
SM_V9_2 Liftoff CDS     23895390        23895769        .       -
        0       Parent=Smp_063680.1
SM_V9_2 Liftoff CDS     23908106        23908176        .       -
        2       Parent=Smp_063680.1
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SM_V9_2 Liftoff CDS     23909422        23909501        .       -
        1       Parent=Smp_063680.1
SM_V9_2 Liftoff CDS     23922208        23922320        .       -
        0       Parent=Smp_063680.1
SM_V9_2 Liftoff gene    23958333        23959069        .       -
        .       ID=Smp_328190;geneID=Smp_328190
SM_V9_2 Liftoff mRNA    23958333        23959069        .       -
        .
ID=Smp_328190.1;Parent=Smp_328190;geneID=Smp_328190;product=4-
hydroxybenzoate octaprenyltransferase
SM_V9_2 Liftoff exon    23958333        23959069        .       -
        .       Parent=Smp_328190.1
SM_V9_2 Liftoff CDS     23958717        23958941        .       -
        0       Parent=Smp_328190.1
SM_V9_2 iris    gene    23967233        23991967        .       -
        .
ID=Smp_156460;geneID=Smp_156460;gene_name=Smp_156460;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    23967233        23991967        .       -
        .
ID=Smp_156460.1;Parent=Smp_156460;geneID=Smp_156460;gene_name=Smp_15
6460;owner=irisadmin@local.host;orig_id=Smp_156460.1;date_last_modif
ied=2022-07-31;Name=Smp_156460.1;product=7,8-dihydro-8-oxoguanine
triphosphatase;date_creation=2022-07-30
SM_V9_2 iris    exon    23967233        23967575        .       -
        .       Parent=Smp_156460.1;Name=1059c291-47f7-4ec5-a39f-
bbe30d4a6cdd
SM_V9_2 iris    exon    23971716        23972105        .       -
        .
Parent=Smp_156460.1;Name=f1cba70e-3176-4257-9670-01329eabcaf8
SM_V9_2 iris    exon    23980086        23980322        .       -
        .       Parent=Smp_156460.1;Name=f0e25379-6a35-4e62-
abcb-1cfbc6d415ca
SM_V9_2 iris    exon    23985443        23985583        .       -
        .       Parent=Smp_156460.1;Name=7e01aac6-66d1-4308-
b463-4d8d2f5670b4
SM_V9_2 iris    exon    23991893        23991967        .       -
        .       Parent=Smp_156460.1;Name=d575e46b-b681-4ca3-83ef-
ca125b77e22c
SM_V9_2 iris    CDS     23967417        23967575        .       -
        0       Parent=Smp_156460.1
SM_V9_2 iris    CDS     23971716        23972105        .       -
        0       Parent=Smp_156460.1
SM_V9_2 iris    CDS     23980086        23980322        .       -
        0       Parent=Smp_156460.1
SM_V9_2 iris    CDS     23985443        23985583        .       -
        0       Parent=Smp_156460.1
SM_V9_2 iris    gene    23991978        23994206        .       +
        .
ID=Smp_156470;geneID=Smp_156470;gene_name=Smp_156470;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    23991978        23994206        .       +
        .
ID=Smp_156470.1;Parent=Smp_156470;geneID=Smp_156470;gene_name=Smp_15
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6470;owner=irisadmin@local.host;orig_id=Smp_156470.1;date_last_modif
ied=2022-07-31;Name=Smp_156470.1;product=Protein
Aatf;date_creation=2022-07-30
SM_V9_2 iris    exon    23991978        23992081        .       +
        .       Parent=Smp_156470.1;Name=e0c501fa-ef04-479f-a56a-
f7dcab16caa5
SM_V9_2 iris    exon    23993642        23993686        .       +
        .       Parent=Smp_156470.1;Name=7bb023f9-37bc-4eec-
a60a-6644c8892407
SM_V9_2 iris    exon    23993719        23993744        .       +
        .       Parent=Smp_156470.1;Name=2ccb896d-2d99-4a13-b79e-
df58c45dccc7
SM_V9_2 iris    exon    23993786        23993857        .       +
        .       Parent=Smp_156470.1;Name=1ed535c6-dcfa-4490-9930-
f54bd16924b4
SM_V9_2 iris    exon    23993895        23994206        .       +
        .
Parent=Smp_156470.1;Name=538a382a-8dfc-4edc-8817-0e2bf038f31f
SM_V9_2 iris    CDS     23993645        23993686        .       +
        0       Parent=Smp_156470.1
SM_V9_2 iris    CDS     23993719        23993744        .       +
        0       Parent=Smp_156470.1
SM_V9_2 iris    CDS     23993786        23993857        .       +
        1       Parent=Smp_156470.1
SM_V9_2 iris    CDS     23993895        23994057        .       +
        1       Parent=Smp_156470.1
SM_V9_2 iris    gene    23996942        24049441        .       -
        .
ID=Smp_156480;geneID=Smp_156480;gene_name=Smp_156480;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    23996942        24049441        .       -
        .
ID=Smp_156480.1;Parent=Smp_156480;geneID=Smp_156480;gene_name=Smp_15
6480;owner=irisadmin@local.host;orig_id=Smp_156480.1;date_last_modif
ied=2022-07-10;Name=Smp_156480.1;product=Hypothetical
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    23996942        23997808        .       -
        .       Parent=Smp_156480.1;Name=647bb6bd-3457-4f78-
ac20-66ddc348291d
SM_V9_2 iris    exon    23999802        24000040        .       -
        .       Parent=Smp_156480.1;Name=158326ca-3a29-4165-
b825-673f7d17295f
SM_V9_2 iris    exon    24000810        24001477        .       -
        .       Parent=Smp_156480.1;Name=c19892e5-26e1-459e-9466-
bada60dcc5f4
SM_V9_2 iris    exon    24002028        24002194        .       -
        .       Parent=Smp_156480.1;Name=d0703caf-312f-4bf6-846d-
f6ca79d1128b
SM_V9_2 iris    exon    24003906        24004246        .       -
        .       Parent=Smp_156480.1;Name=9b16da9e-
a476-4168-9f57-4c381287edfc
SM_V9_2 iris    exon    24005524        24006253        .       -
        .       Parent=Smp_156480.1;Name=d5a2d9a5-ad76-444e-8c4c-
aea1ec87040f
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SM_V9_2 iris    exon    24025247        24025326        .       -
        .       Parent=Smp_156480.1;Name=ec3094c6-d8c5-426c-98f8-
a99db5998f04
SM_V9_2 iris    exon    24048895        24049441        .       -
        .       Parent=Smp_156480.1;Name=de1e7a53-aed8-4312-
ae9b-2ec1aa6840f1
SM_V9_2 iris    CDS     23997395        23997808        .       -
        0       Parent=Smp_156480.1
SM_V9_2 iris    CDS     23999802        24000040        .       -
        2       Parent=Smp_156480.1
SM_V9_2 iris    CDS     24000810        24001477        .       -
        1       Parent=Smp_156480.1
SM_V9_2 iris    CDS     24002028        24002194        .       -
        0       Parent=Smp_156480.1
SM_V9_2 iris    CDS     24003906        24004246        .       -
        2       Parent=Smp_156480.1
SM_V9_2 iris    CDS     24005524        24006253        .       -
        0       Parent=Smp_156480.1
SM_V9_2 iris    CDS     24025247        24025326        .       -
        2       Parent=Smp_156480.1
SM_V9_2 iris    CDS     24048895        24049294        .       -
        0       Parent=Smp_156480.1
SM_V9_2 iris    gene    24086121        24154538        .       -
        .
ID=Smp_156500;geneID=Smp_156500;gene_name=Smp_156500;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    24086121        24154538        .       -
        .
ID=Smp_156500.1;Parent=Smp_156500;geneID=Smp_156500;gene_name=Smp_15
6500;owner=irisadmin@local.host;orig_id=Smp_156500.1;date_last_modif
ied=2022-07-31;Name=Smp_156500.1;product=Rap guanine nucleotide
exchange factor 1;date_creation=2022-07-30
SM_V9_2 iris    exon    24086121        24086572        .       -
        .       Parent=Smp_156500.1;Name=89d9ab2e-
afbf-4555-973f-65eea97f78e1
SM_V9_2 iris    exon    24090136        24090509        .       -
        .       Parent=Smp_156500.1;Name=62fda5d5-d79d-4882-bcc0-
a0dff27aea10
SM_V9_2 iris    exon    24095557        24095652        .       -
        .       Parent=Smp_156500.1;Name=6cf0bde1-fe69-4805-
a90f-1f616da180fc
SM_V9_2 iris    exon    24097240        24097683        .       -
        .
Parent=Smp_156500.1;Name=fd86714d-8e6f-4803-94c8-85a3e49e7f76
SM_V9_2 iris    exon    24099179        24099263        .       -
        .       Parent=Smp_156500.1;Name=cb573891-ac1e-45c7-
b7db-58771a9b401a
SM_V9_2 iris    exon    24101030        24101490        .       -
        .       Parent=Smp_156500.1;Name=90d8ea5a-e825-4f51-
b11a-9bd37365cd12
SM_V9_2 iris    exon    24104770        24104951        .       -
        .       Parent=Smp_156500.1;Name=681d2e42-b625-42d6-b479-
af5d2fc70534
SM_V9_2 iris    exon    24110375        24110465        .       -
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        .       Parent=Smp_156500.1;Name=f4eae0f1-cc20-4c6f-a705-
ef3d7b321036
SM_V9_2 iris    exon    24113499        24113847        .       -
        .
Parent=Smp_156500.1;Name=c6d96f83-5b3a-4851-9be2-63a0dbee39ad
SM_V9_2 iris    exon    24117068        24117222        .       -
        .       Parent=Smp_156500.1;Name=3c8d61b3-
f0e7-4048-9be0-74ac9965d43b
SM_V9_2 iris    exon    24121320        24121621        .       -
        .       Parent=Smp_156500.1;Name=4fb151ac-3976-4478-
bf8d-76c469f1178a
SM_V9_2 iris    exon    24123811        24124483        .       -
        .       Parent=Smp_156500.1;Name=5f40a22a-d706-4e9e-9eeb-
f86a12988961
SM_V9_2 iris    exon    24125113        24125490        .       -
        .       Parent=Smp_156500.1;Name=819b484c-744f-4d6b-
bc14-4fba5797d3cf
SM_V9_2 iris    exon    24128153        24128523        .       -
        .       Parent=Smp_156500.1;Name=b52831bd-fef0-4c94-9c54-
c1580119224f
SM_V9_2 iris    exon    24154286        24154538        .       -
        .
Parent=Smp_156500.1;Name=edcc83b5-6557-4fa3-94c7-23135b1756c9
SM_V9_2 iris    CDS     24086431        24086572        .       -
        1       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24090136        24090509        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24095557        24095652        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24097240        24097683        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24099179        24099263        .       -
        1       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24101030        24101490        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24104770        24104951        .       -
        2       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24110375        24110465        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24113499        24113847        .       -
        1       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24117068        24117222        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24121320        24121621        .       -
        2       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24123811        24124483        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24125113        24125490        .       -
        0       Parent=Smp_156500.1
SM_V9_2 iris    CDS     24128153        24128467        .       -
        0       Parent=Smp_156500.1
SM_V9_2 Liftoff gene    24200371        24210592        .       -
        .       ID=Smp_063830;geneID=Smp_063830
SM_V9_2 Liftoff mRNA    24200371        24210592        .       -
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        .
ID=Smp_063830.1;Parent=Smp_063830;geneID=Smp_063830;product=GMP
synthase [glutamine-
hydrolyzing];polypeptide_domain=InterPro:IPR001674,IPR004739,IPR0147
29,IPR017926,IPR022310,IPR025777,IPR029062
Pfam:PF00117,PF00958,PF02540;Ontology_term=GO:0003922,GO:0005524,GO:
0006164,GO:0006177,GO:0016462
SM_V9_2 Liftoff exon    24200371        24200993        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24202780        24203089        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24203709        24203824        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24203979        24204104        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24205051        24205272        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24206238        24206350        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24207438        24207740        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24207787        24207906        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24207944        24208103        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24209544        24209737        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24209774        24209877        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24209915        24210012        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24210049        24210163        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24210200        24210291        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff exon    24210336        24210592        .       -
        .       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24200892        24200993        .       -
        0       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24202780        24203089        .       -
        1       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24203709        24203824        .       -
        0       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24203979        24204104        .       -
        0       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24205051        24205272        .       -
        0       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24206238        24206350        .       -
        2       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24207438        24207740        .       -
        2       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24207787        24207906        .       -
        2       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24207944        24208103        .       -
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        0       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24209544        24209737        .       -
        2       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24209774        24209877        .       -
        1       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24209915        24210012        .       -
        0       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24210049        24210163        .       -
        1       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24210200        24210291        .       -
        0       Parent=Smp_063830.1
SM_V9_2 Liftoff CDS     24210336        24210380        .       -
        0       Parent=Smp_063830.1
SM_V9_2 Liftoff gene    24256261        24274689        .       -
        .
ID=Smp_344780;geneID=Smp_344780;previous_systematic_id=Smp_156580
SM_V9_2 Liftoff mRNA    24256261        24274689        .       -
        .
ID=Smp_344780.1;Parent=Smp_344780;geneID=Smp_344780;product=Tyrosine
-protein kinase
RYK;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR008266,IPR011
009 Pfam:PF07714;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    24256261        24256481        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff exon    24258955        24259251        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff exon    24260419        24260528        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff exon    24263413        24263660        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff exon    24266011        24266112        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff exon    24267347        24267472        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff exon    24269209        24269321        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff exon    24274094        24274689        .       -
        .       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24256370        24256481        .       -
        1       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24258955        24259251        .       -
        1       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24260419        24260528        .       -
        0       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24263413        24263660        .       -
        2       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24266011        24266112        .       -
        2       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24267347        24267472        .       -
        2       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24269209        24269321        .       -
        1       Parent=Smp_344780.1
SM_V9_2 Liftoff CDS     24274094        24274455        .       -
        0       Parent=Smp_344780.1
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SM_V9_2 iris    gene    24305219        24310333        .       -
       .
ID=Smp_344770;geneID=Smp_344770;gene_name=Smp_344770;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    24305219        24310333        .       -
       .
ID=Smp_344770.1;Parent=Smp_344770;geneID=Smp_344770;gene_name=Smp_34
4770;owner=irisadmin@local.host;orig_id=Smp_344770.2;date_last_modif
ied=2022-07-31;Name=Smp_344770.1;product=Ribosome biogenesis protein
NSA1;date_creation=2022-07-30
SM_V9_2 iris    exon    24305219        24305557        .       -
       .       Parent=Smp_344770.1;Name=2c614034-b0d0-4dd6-a533-
a867d2799d1b
SM_V9_2 iris    exon    24308436        24308948        .       -
       .
Parent=Smp_344770.1;Name=c36b75fc-7015-4139-9349-55817bb88320
SM_V9_2 iris    exon    24309593        24309835        .       -
       .       Parent=Smp_344770.1;Name=54382313-f7f7-4e32-867d-
bbb642bf8f76
SM_V9_2 iris    exon    24309874        24309940        .       -
       .       Parent=Smp_344770.1;Name=b1fa9e07-bb08-4d2e-
b9c1-22789b5b0fe8
SM_V9_2 iris    exon    24309965        24310095        .       -
       .       Parent=Smp_344770.1;Name=6c20d4c1-
c153-41dd-888d-62b9318ce1ef
SM_V9_2 iris    exon    24310132        24310217        .       -
       .       Parent=Smp_344770.1;Name=2fd91bfd-e91f-46a6-
b9e8-818e0c62972f
SM_V9_2 iris    exon    24310250        24310333        .       -
       .       Parent=Smp_344770.1;Name=919713e2-49ba-40ba-
af4d-7fc18c9cc493
SM_V9_2 iris    CDS     24305288        24305557        .       -
       0       Parent=Smp_344770.1
SM_V9_2 iris    CDS     24308436        24308948        .       -
       0       Parent=Smp_344770.1
SM_V9_2 iris    CDS     24309593        24309835        .       -
       0       Parent=Smp_344770.1
SM_V9_2 iris    CDS     24309874        24309940        .       -
       1       Parent=Smp_344770.1
SM_V9_2 iris    CDS     24309965        24310095        .       -
       0       Parent=Smp_344770.1
SM_V9_2 iris    CDS     24310132        24310217        .       -
       2       Parent=Smp_344770.1
SM_V9_2 iris    CDS     24310250        24310319        .       -
       0       Parent=Smp_344770.1
SM_V9_2 Liftoff gene    24326966        24345394        .       +
       .       ID=Smp_154320;geneID=Smp_154320
SM_V9_2 Liftoff mRNA    24326966        24345394        .       +
       .
ID=Smp_154320.1;Parent=Smp_154320;geneID=Smp_154320;product=vasa-
like ATP dependent DEAD-box RNA helicase;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,
IPR014001,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
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SM_V9_2 Liftoff exon    24326966        24332751        .       +
        .       Parent=Smp_154320.1
SM_V9_2 Liftoff exon    24336575        24336880        .       +
        .       Parent=Smp_154320.1
SM_V9_2 Liftoff exon    24339405        24339497        .       +
        .       Parent=Smp_154320.1
SM_V9_2 Liftoff exon    24339543        24339703        .       +
        .       Parent=Smp_154320.1
SM_V9_2 Liftoff exon    24341431        24341837        .       +
        .       Parent=Smp_154320.1
SM_V9_2 Liftoff exon    24343607        24343806        .       +
        .       Parent=Smp_154320.1
SM_V9_2 Liftoff exon    24344786        24345394        .       +
        .       Parent=Smp_154320.1
SM_V9_2 Liftoff CDS     24332440        24332751        .       +
        0       Parent=Smp_154320.1
SM_V9_2 Liftoff CDS     24336575        24336880        .       +
        0       Parent=Smp_154320.1
SM_V9_2 Liftoff CDS     24339405        24339497        .       +
        0       Parent=Smp_154320.1
SM_V9_2 Liftoff CDS     24339543        24339703        .       +
        0       Parent=Smp_154320.1
SM_V9_2 Liftoff CDS     24341431        24341837        .       +
        1       Parent=Smp_154320.1
SM_V9_2 Liftoff CDS     24343607        24343806        .       +
        2       Parent=Smp_154320.1
SM_V9_2 Liftoff CDS     24344786        24345184        .       +
        0       Parent=Smp_154320.1
SM_V9_2 Liftoff gene    24346454        24352173        .       -
        .       ID=Smp_059750;geneID=Smp_059750
SM_V9_2 Liftoff mRNA    24346454        24352173        .       -
        .
ID=Smp_059750.1;Parent=Smp_059750;geneID=Smp_059750;product=Ubiquiti
n-conjugating enzyme E2
J2;polypeptide_domain=InterPro:IPR000608,IPR016135 Pfam:PF00179
SM_V9_2 Liftoff exon    24346454        24347157        .       -
        .       Parent=Smp_059750.1
SM_V9_2 Liftoff exon    24351595        24351814        .       -
        .       Parent=Smp_059750.1
SM_V9_2 Liftoff exon    24351852        24352173        .       -
        .       Parent=Smp_059750.1
SM_V9_2 Liftoff CDS     24346942        24347157        .       -
        0       Parent=Smp_059750.1
SM_V9_2 Liftoff CDS     24351595        24351814        .       -
        1       Parent=Smp_059750.1
SM_V9_2 Liftoff CDS     24351852        24352126        .       -
        0       Parent=Smp_059750.1
SM_V9_2 Liftoff gene    24381887        24389469        .       +
        .       ID=Smp_154330;geneID=Smp_154330
SM_V9_2 Liftoff mRNA    24381887        24389469        .       +
        .
ID=Smp_154330.1;Parent=Smp_154330;geneID=Smp_154330;product=28S
ribosomal protein S28,
mitochondrial;polypeptide_domain=InterPro:IPR019375 Pfam:PF10246
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SM_V9_2 Liftoff exon    24381887        24381949        .       +
        .       Parent=Smp_154330.1
SM_V9_2 Liftoff exon    24383683        24383959        .       +
        .       Parent=Smp_154330.1
SM_V9_2 Liftoff exon    24384004        24384189        .       +
        .       Parent=Smp_154330.1
SM_V9_2 Liftoff exon    24388936        24389469        .       +
        .       Parent=Smp_154330.1
SM_V9_2 Liftoff CDS     24381936        24381949        .       +
        0       Parent=Smp_154330.1
SM_V9_2 Liftoff CDS     24383683        24383959        .       +
        1       Parent=Smp_154330.1
SM_V9_2 Liftoff CDS     24384004        24384189        .       +
        0       Parent=Smp_154330.1
SM_V9_2 Liftoff CDS     24388936        24389283        .       +
        0       Parent=Smp_154330.1
SM_V9_2 Liftoff gene    24396752        24402735        .       -
        .       ID=Smp_156550;geneID=Smp_156550
SM_V9_2 Liftoff mRNA    24396752        24402735        .       -
        .
ID=Smp_156550.1;Parent=Smp_156550;geneID=Smp_156550;product=Neutral
and basic amino acid transport protein
rBAT;polypeptide_domain=InterPro:IPR006047,IPR017853
Pfam:PF00128;Ontology_term=GO:0003824,GO:0005975
SM_V9_2 Liftoff exon    24396752        24397056        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24398046        24398165        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24399279        24399520        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24400770        24401044        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24401352        24401461        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24401527        24401628        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24401673        24401792        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24401845        24402146        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff exon    24402199        24402735        .       -
        .       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24396808        24397056        .       -
        0       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24398046        24398165        .       -
        0       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24399279        24399520        .       -
        2       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24400770        24401044        .       -
        1       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24401352        24401461        .       -
        0       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24401527        24401628        .       -
        0       Parent=Smp_156550.1
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SM_V9_2 Liftoff CDS     24401673        24401792        .       -
        0       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24401845        24402146        .       -
        2       Parent=Smp_156550.1
SM_V9_2 Liftoff CDS     24402199        24402595        .       -
        0       Parent=Smp_156550.1
SM_V9_2 iris    gene    24431387        24477891        .       +
        .
ID=Smp_156540;geneID=Smp_156540;gene_name=Smp_156540;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    24431387        24477891        .       +
        .
ID=Smp_156540.1;Parent=Smp_156540;geneID=Smp_156540;gene_name=Smp_15
6540;owner=irisadmin@local.host;orig_id=Smp_156540.1;date_last_modif
ied=2022-07-31;Name=Smp_156540.1;product=Protein
Wnt-7b;date_creation=2022-07-30
SM_V9_2 iris    exon    24431387        24432516        .       +
        .       Parent=Smp_156540.1;Name=14b70372-2e62-49df-
a59d-0c9c61a8b1f5
SM_V9_2 iris    exon    24457849        24458123        .       +
        .       Parent=Smp_156540.1;Name=036250eb-eb42-4d44-9a3a-
aa145e4c059a
SM_V9_2 iris    exon    24461410        24462308        .       +
        .       Parent=Smp_156540.1;Name=0f79deaf-7e30-4830-
a32e-864566c074a0
SM_V9_2 iris    exon    24475606        24475740        .       +
        .       Parent=Smp_156540.1;Name=918ee4a9-f61a-4d38-
aae6-552756c5c3a9
SM_V9_2 iris    exon    24476529        24476698        .       +
        .       Parent=Smp_156540.1;Name=3590e16f-a898-4183-
a1a9-40619d25f73e
SM_V9_2 iris    exon    24477397        24477891        .       +
        .       Parent=Smp_156540.1;Name=d3ed127f-f35b-453a-9a3b-
ed78ec96baca
SM_V9_2 iris    CDS     24432359        24432516        .       +
        0       Parent=Smp_156540.1
SM_V9_2 iris    CDS     24457849        24458123        .       +
        1       Parent=Smp_156540.1
SM_V9_2 iris    CDS     24461410        24462308        .       +
        2       Parent=Smp_156540.1
SM_V9_2 iris    CDS     24475606        24475740        .       +
        0       Parent=Smp_156540.1
SM_V9_2 iris    CDS     24476529        24476698        .       +
        0       Parent=Smp_156540.1
SM_V9_2 iris    CDS     24477397        24477571        .       +
        1       Parent=Smp_156540.1
SM_V9_2 iris    gene    24482851        24525812        .       -
        .
ID=Smp_333880;geneID=Smp_333880;gene_name=Smp_333880;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_2 iris    mRNA    24482851        24525812        .       -
        .
ID=Smp_333880.1;Parent=Smp_333880;geneID=Smp_333880;gene_name=Smp_33
3880;owner=irisadmin@local.host;orig_id=Smp_333880.1;date_last_modif
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ied=2022-08-15;Name=Smp_333880.1;product=Peptidyl-glycine alpha-
amidating monooxygenase A;date_creation=2022-08-15
SM_V9_2 iris    exon    24482851        24484138        .       -
        .       Parent=Smp_333880.1;Name=d654e319-4201-47b8-b686-
f9286e935068
SM_V9_2 iris    exon    24492982        24493295        .       -
        .       Parent=Smp_333880.1;Name=5e733cec-70fa-4084-
be07-716735c51d09
SM_V9_2 iris    exon    24496942        24497348        .       -
        .       Parent=Smp_333880.1;Name=963b95b1-1dfd-45ab-
a116-32b75ff78bae
SM_V9_2 iris    exon    24498691        24499155        .       -
        .       Parent=Smp_333880.1;Name=1a132209-febe-40ae-aa61-
acd98d6b1901
SM_V9_2 iris    exon    24500887        24501136        .       -
        .       Parent=Smp_333880.1;Name=e42cd913-d4c2-4854-
b077-241cded0a3cd
SM_V9_2 iris    exon    24510408        24510722        .       -
        .
Parent=Smp_333880.1;Name=e246c493-39fa-4604-9daf-756c0187e8ae
SM_V9_2 iris    exon    24519761        24520399        .       -
        .       Parent=Smp_333880.1;Name=53956634-ceb5-4537-9ed0-
f8cfa5bae3b8
SM_V9_2 iris    exon    24525713        24525812        .       -
        .       Parent=Smp_333880.1;Name=24de3b6b-ed82-4657-9a14-
f7f427bb3722
SM_V9_2 iris    CDS     24483525        24484138        .       -
        2       Parent=Smp_333880.1
SM_V9_2 iris    CDS     24492982        24493295        .       -
        1       Parent=Smp_333880.1
SM_V9_2 iris    CDS     24496942        24497348        .       -
        0       Parent=Smp_333880.1
SM_V9_2 iris    CDS     24498691        24499155        .       -
        0       Parent=Smp_333880.1
SM_V9_2 iris    CDS     24500887        24501136        .       -
        1       Parent=Smp_333880.1
SM_V9_2 iris    CDS     24510408        24510722        .       -
        1       Parent=Smp_333880.1
SM_V9_2 iris    CDS     24519761        24520305        .       -
        0       Parent=Smp_333880.1
SM_V9_2 iris    gene    24537616        24542246        .       +
        .
ID=Smp_340990;geneID=Smp_340990;gene_name=Smp_340990;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    24537616        24542246        .       +
        .
ID=Smp_340990.1;Parent=Smp_340990;geneID=Smp_340990;gene_name=Smp_34
0990;owner=irisadmin@local.host;orig_id=Smp_340990.1;date_last_modif
ied=2022-07-31;Name=Smp_340990.1;product=UDP-3-O-acylglucosamine N-
acyltransferase;date_creation=2022-07-30
SM_V9_2 iris    exon    24537616        24537629        .       +
        .       Parent=Smp_340990.1;Name=9970ccac-8b40-470a-
a940-882039331f44
SM_V9_2 iris    exon    24539644        24539832        .       +
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        .
Parent=Smp_340990.1;Name=e2d7254c-9e90-493c-844e-4bb119c6cdcd
SM_V9_2 iris    exon    24539869        24539910        .       +
        .
Parent=Smp_340990.1;Name=d3fbe705-1f81-4702-9fcd-13c7c1abda5c
SM_V9_2 iris    exon    24539953        24539985        .       +
        .       Parent=Smp_340990.1;Name=ae6ce261-89ec-4b6f-
bfe7-489a4490f8ec
SM_V9_2 iris    exon    24540028        24540192        .       +
        .
Parent=Smp_340990.1;Name=3cdda4e0-76fb-461d-817a-4e783c282759
SM_V9_2 iris    exon    24541840        24542246        .       +
        .       Parent=Smp_340990.1;Name=0897dc6f-3989-4480-886d-
b2a34807ade8
SM_V9_2 iris    CDS     24539644        24539832        .       +
        0       Parent=Smp_340990.1
SM_V9_2 iris    CDS     24539869        24539910        .       +
        0       Parent=Smp_340990.1
SM_V9_2 iris    CDS     24539953        24539985        .       +
        0       Parent=Smp_340990.1
SM_V9_2 iris    CDS     24540028        24540192        .       +
        0       Parent=Smp_340990.1
SM_V9_2 iris    CDS     24541840        24541944        .       +
        0       Parent=Smp_340990.1
SM_V9_2 iris    gene    24543292        24548523        .       -
        .
ID=Smp_328200;geneID=Smp_328200;gene_name=Smp_328200;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    24543292        24548523        .       -
        .
ID=Smp_328200.1;Parent=Smp_328200;geneID=Smp_328200;gene_name=Smp_32
8200;owner=irisadmin@local.host;orig_id=Smp_328200.1;date_last_modif
ied=2022-07-31;Name=Smp_328200.1;product=Glia maturation factor
beta;date_creation=2022-07-30
SM_V9_2 iris    exon    24543292        24543488        .       -
        .       Parent=Smp_328200.1;Name=bcb20d7e-16bb-4b12-9284-
fe129e72bbdf
SM_V9_2 iris    exon    24543531        24543604        .       -
        .       Parent=Smp_328200.1;Name=891ce29f-2f43-412d-950e-
bc40fbb4ef65
SM_V9_2 iris    exon    24544350        24544482        .       -
        .       Parent=Smp_328200.1;Name=7569b5c6-
c6c1-4daf-954f-77df02c6f500
SM_V9_2 iris    exon    24544523        24544572        .       -
        .       Parent=Smp_328200.1;Name=fa7e638c-fa3f-43e9-b0a1-
b2013c07d3bb
SM_V9_2 iris    exon    24544616        24544709        .       -
        .
Parent=Smp_328200.1;Name=64eeb5d3-7bbf-4568-9bcb-66a803901e5b
SM_V9_2 iris    exon    24544748        24544760        .       -
        .       Parent=Smp_328200.1;Name=e65a1779-08d4-4f6d-b813-
ad814d605527
SM_V9_2 iris    exon    24548406        24548523        .       -
        .       Parent=Smp_328200.1;Name=8ee7f4ec-11d5-4274-
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b0c7-628923399933
SM_V9_2 iris    CDS     24543417        24543488        .       -
        0       Parent=Smp_328200.1
SM_V9_2 iris    CDS     24543531        24543604        .       -
        2       Parent=Smp_328200.1
SM_V9_2 iris    CDS     24544350        24544482        .       -
        0       Parent=Smp_328200.1
SM_V9_2 iris    CDS     24544523        24544572        .       -
        2       Parent=Smp_328200.1
SM_V9_2 iris    CDS     24544616        24544709        .       -
        0       Parent=Smp_328200.1
SM_V9_2 iris    CDS     24544748        24544750        .       -
        0       Parent=Smp_328200.1
SM_V9_2 iris    gene    24580785        24598161        .       +
        .
ID=Smp_156520;geneID=Smp_156520;gene_name=Smp_156520;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    24580785        24598161        .       +
        .
ID=Smp_156520.1;Parent=Smp_156520;geneID=Smp_156520;gene_name=Smp_15
6520;owner=irisadmin@local.host;orig_id=Smp_156520.1;date_last_modif
ied=2022-07-10;Name=Smp_156520.1;product=Centrosomal protein of 63
kDa;date_creation=2022-07-10
SM_V9_2 iris    exon    24580785        24580894        .       +
        .
Parent=Smp_156520.1;Name=d59e04b7-3b39-48cb-8b0f-4e718bbcdc60
SM_V9_2 iris    exon    24580927        24581128        .       +
        .       Parent=Smp_156520.1;Name=5e5de36c-f0bb-477c-889d-
fca1f6b7725f
SM_V9_2 iris    exon    24581166        24581398        .       +
        .       Parent=Smp_156520.1;Name=dc39887d-f9d6-4f26-
b693-26169a84892f
SM_V9_2 iris    exon    24583931        24584162        .       +
        .       Parent=Smp_156520.1;Name=6042a0c7-
b768-45da-91ab-9ef73b7378b6
SM_V9_2 iris    exon    24584205        24584560        .       +
        .       Parent=Smp_156520.1;Name=26177da0-
a109-4b96-9c37-167a482e4c84
SM_V9_2 iris    exon    24586628        24586787        .       +
        .       Parent=Smp_156520.1;Name=ee11fe56-1f24-4ab5-
a400-082cde3a4ee3
SM_V9_2 iris    exon    24588262        24588327        .       +
        .       Parent=Smp_156520.1;Name=02fe9635-77e7-43bf-
a3aa-9005165a4544
SM_V9_2 iris    exon    24591430        24591573        .       +
        .       Parent=Smp_156520.1;Name=b2614e52-83eb-446f-
b8b3-1a2265a65ad5
SM_V9_2 iris    exon    24593334        24593818        .       +
        .       Parent=Smp_156520.1;Name=41019d1f-
be18-4cbb-9479-6e7e0504717e
SM_V9_2 iris    exon    24595358        24595619        .       +
        .       Parent=Smp_156520.1;Name=66d7a7bb-6c96-4b45-96a7-
b964aeade630
SM_V9_2 iris    exon    24596851        24598161        .       +
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        .       Parent=Smp_156520.1;Name=7c051fcb-b013-4cf5-8502-
c96b46b09c6e
SM_V9_2 iris    CDS     24580827        24580894        .       +
        0       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24580927        24581128        .       +
        1       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24581166        24581398        .       +
        0       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24583931        24584162        .       +
        1       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24584205        24584560        .       +
        0       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24586628        24586787        .       +
        1       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24588262        24588327        .       +
        0       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24591430        24591573        .       +
        0       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24593334        24593818        .       +
        0       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24595358        24595619        .       +
        1       Parent=Smp_156520.1
SM_V9_2 iris    CDS     24596851        24597117        .       +
        0       Parent=Smp_156520.1
SM_V9_2 Liftoff gene    24618257        24640256        .       +
        .
ID=Smp_311170;geneID=Smp_311170;previous_systematic_id=Smp_156510,Sm
p_166920,Smp_242080
SM_V9_2 Liftoff mRNA    24618257        24640256        .       +
        .
ID=Smp_311170.1;Parent=Smp_311170;geneID=Smp_311170;product=PDZ and
LIM domain protein 7;polypeptide_domain=InterPro:IPR001478
Pfam:PF00595;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    24618257        24620028        .       +
        .       Parent=Smp_311170.1
SM_V9_2 Liftoff exon    24629175        24629326        .       +
        .       Parent=Smp_311170.1
SM_V9_2 Liftoff exon    24631469        24632130        .       +
        .       Parent=Smp_311170.1
SM_V9_2 Liftoff exon    24639603        24640256        .       +
        .       Parent=Smp_311170.1
SM_V9_2 Liftoff CDS     24618781        24620028        .       +
        0       Parent=Smp_311170.1
SM_V9_2 Liftoff CDS     24629175        24629326        .       +
        0       Parent=Smp_311170.1
SM_V9_2 Liftoff CDS     24631469        24632130        .       +
        1       Parent=Smp_311170.1
SM_V9_2 Liftoff CDS     24639603        24639670        .       +
        2       Parent=Smp_311170.1
SM_V9_2 Liftoff gene    24646877        24650140        .       +
        .       ID=Smp_166930;geneID=Smp_166930
SM_V9_2 Liftoff mRNA    24646877        24650140        .       +
        .
ID=Smp_166930.1;Parent=Smp_166930;geneID=Smp_166930;product=ADP-
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ribosylation factor-like protein
8B;polypeptide_domain=InterPro:IPR005225,IPR006689,IPR024156,IPR0274
17 Pfam:PF00025;Ontology_term=GO:0005525,GO:0005622,GO:0007264
SM_V9_2 Liftoff exon    24646877        24647120        .       +
        .       Parent=Smp_166930.1
SM_V9_2 Liftoff exon    24647202        24647282        .       +
        .       Parent=Smp_166930.1
SM_V9_2 Liftoff exon    24647315        24647388        .       +
        .       Parent=Smp_166930.1
SM_V9_2 Liftoff exon    24647424        24647656        .       +
        .       Parent=Smp_166930.1
SM_V9_2 Liftoff exon    24649086        24650140        .       +
        .       Parent=Smp_166930.1
SM_V9_2 Liftoff CDS     24646998        24647120        .       +
        0       Parent=Smp_166930.1
SM_V9_2 Liftoff CDS     24647202        24647282        .       +
        0       Parent=Smp_166930.1
SM_V9_2 Liftoff CDS     24647315        24647388        .       +
        0       Parent=Smp_166930.1
SM_V9_2 Liftoff CDS     24647424        24647656        .       +
        1       Parent=Smp_166930.1
SM_V9_2 Liftoff CDS     24649086        24649132        .       +
        2       Parent=Smp_166930.1
SM_V9_2 Liftoff gene    24665761        24687243        .       -
        .       ID=Smp_166940;geneID=Smp_166940
SM_V9_2 Liftoff mRNA    24665761        24687243        .       -
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excision repair protein ERCC-6-
like;polypeptide_domain=InterPro:IPR000330,IPR001650,IPR011990,IPR01
4001,IPR027417
Pfam:PF00176,PF00271;Ontology_term=GO:0005515,GO:0005524
SM_V9_2 Liftoff exon    24665761        24666159        .       -
        .       Parent=Smp_166940.1
SM_V9_2 Liftoff exon    24668039        24669556        .       -
        .       Parent=Smp_166940.1
SM_V9_2 Liftoff exon    24672093        24673451        .       -
        .       Parent=Smp_166940.1
SM_V9_2 Liftoff exon    24674584        24675003        .       -
        .       Parent=Smp_166940.1
SM_V9_2 Liftoff exon    24675044        24675247        .       -
        .       Parent=Smp_166940.1
SM_V9_2 Liftoff exon    24675285        24687243        .       -
        .       Parent=Smp_166940.1
SM_V9_2 Liftoff CDS     24665905        24666159        .       -
        0       Parent=Smp_166940.1
SM_V9_2 Liftoff CDS     24668039        24669556        .       -
        0       Parent=Smp_166940.1
SM_V9_2 Liftoff CDS     24672093        24673451        .       -
        0       Parent=Smp_166940.1
SM_V9_2 Liftoff CDS     24674584        24675003        .       -
        0       Parent=Smp_166940.1
SM_V9_2 Liftoff CDS     24675044        24675247        .       -
        0       Parent=Smp_166940.1
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SM_V9_2 Liftoff CDS     24675285        24675503        .       -
        0       Parent=Smp_166940.1
SM_V9_2 Liftoff gene    24723750        24727942        .       +
        .       ID=Smp_082620;geneID=Smp_082620
SM_V9_2 Liftoff mRNA    24723750        24727942        .       +
        .
ID=Smp_082620.1;Parent=Smp_082620;geneID=Smp_082620;product=CAAX
prenyl protease 1
homolog;polypeptide_domain=InterPro:IPR001915,IPR027057,IPR032456
Pfam:PF01435,PF16491;Ontology_term=GO:0004222,GO:0006508,GO:0008233,
GO:0071586
SM_V9_2 Liftoff exon    24723750        24727942        .       +
        .       Parent=Smp_082620.1
SM_V9_2 Liftoff CDS     24726331        24727752        .       +
        0       Parent=Smp_082620.1
SM_V9_2 Liftoff gene    24732207        24788285        .       -
        .       ID=Smp_166960;geneID=Smp_166960
SM_V9_2 Liftoff mRNA    24732207        24788285        .       -
        .
ID=Smp_166960.1;Parent=Smp_166960;geneID=Smp_166960;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR001079,IPR013320;Ontology_ter
m=GO:0030246
SM_V9_2 Liftoff exon    24732207        24737710        .       -
        .       Parent=Smp_166960.1
SM_V9_2 Liftoff exon    24739362        24739623        .       -
        .       Parent=Smp_166960.1
SM_V9_2 Liftoff exon    24787696        24788285        .       -
        .       Parent=Smp_166960.1
SM_V9_2 Liftoff CDS     24734870        24737710        .       -
        0       Parent=Smp_166960.1
SM_V9_2 Liftoff CDS     24739362        24739623        .       -
        1       Parent=Smp_166960.1
SM_V9_2 Liftoff CDS     24787696        24787775        .       -
        0       Parent=Smp_166960.1
SM_V9_2 Liftoff gene    24802609        24813896        .       -
        .       ID=Smp_082660;geneID=Smp_082660
SM_V9_2 Liftoff mRNA    24802609        24813896        .       -
        .
ID=Smp_082660.1;Parent=Smp_082660;geneID=Smp_082660;product=E3
ubiquitin-protein ligase
TRIM33;polypeptide_domain=InterPro:IPR000315,IPR001965,IPR011011,IPR
013083 Pfam:PF00643;Ontology_term=GO:0005622,GO:0008270
SM_V9_2 Liftoff exon    24802609        24803396        .       -
        .       Parent=Smp_082660.1
SM_V9_2 Liftoff exon    24804105        24804416        .       -
        .       Parent=Smp_082660.1
SM_V9_2 Liftoff exon    24807057        24807401        .       -
        .       Parent=Smp_082660.1
SM_V9_2 Liftoff exon    24808271        24808669        .       -
        .       Parent=Smp_082660.1
SM_V9_2 Liftoff exon    24809134        24809552        .       -
        .       Parent=Smp_082660.1
SM_V9_2 Liftoff exon    24813180        24813390        .       -
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        .       Parent=Smp_082660.1
SM_V9_2 Liftoff exon    24813425        24813896        .       -
        .       Parent=Smp_082660.1
SM_V9_2 Liftoff CDS     24803160        24803396        .       -
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SM_V9_2 Liftoff CDS     24804105        24804416        .       -
        0       Parent=Smp_082660.1
SM_V9_2 Liftoff CDS     24807057        24807401        .       -
        0       Parent=Smp_082660.1
SM_V9_2 Liftoff CDS     24808271        24808669        .       -
        0       Parent=Smp_082660.1
SM_V9_2 Liftoff CDS     24809134        24809552        .       -
        2       Parent=Smp_082660.1
SM_V9_2 Liftoff CDS     24813180        24813390        .       -
        0       Parent=Smp_082660.1
SM_V9_2 Liftoff CDS     24813425        24813619        .       -
        0       Parent=Smp_082660.1
SM_V9_2 Liftoff gene    24827900        24844734        .       +
        .       ID=Smp_082670;geneID=Smp_082670
SM_V9_2 Liftoff mRNA    24827900        24844734        .       +
        .
ID=Smp_082670.1;Parent=Smp_082670;geneID=Smp_082670;product=ATPase
family gene 2
protein;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR003960,IP
R027417 Pfam:PF00004;Ontology_term=GO:0005524
SM_V9_2 Liftoff exon    24827900        24828319        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24828355        24828413        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24828449        24828578        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24829697        24829826        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24832630        24832950        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24833049        24833659        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24838507        24838859        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24840889        24841093        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24841879        24841999        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff exon    24843951        24844734        .       +
        .       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24828087        24828319        .       +
        0       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24828355        24828413        .       +
        1       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24828449        24828578        .       +
        2       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24829697        24829826        .       +
        1       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24832630        24832950        .       +
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        0       Parent=Smp_082670.1
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SM_V9_2 Liftoff CDS     24838507        24838859        .       +
        1       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24840889        24841093        .       +
        2       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24841879        24841999        .       +
        1       Parent=Smp_082670.1
SM_V9_2 Liftoff CDS     24843951        24844412        .       +
        0       Parent=Smp_082670.1
SM_V9_2 Liftoff gene    24845700        24875626        .       -
        .
ID=Smp_245750;geneID=Smp_245750;previous_systematic_id=Smp_082690,Sm
p_166970
SM_V9_2 Liftoff mRNA    24845700        24875626        .       -
        .
ID=Smp_245750.1;Parent=Smp_245750;geneID=Smp_245750;product=Neurolig
in-2;polypeptide_domain=InterPro:IPR002018,IPR019819,IPR029058
Pfam:PF00135
SM_V9_2 Liftoff exon    24845700        24846322        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24849056        24849494        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24852202        24852662        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24855921        24856015        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24859166        24859617        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24862556        24863430        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24866316        24866501        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24868320        24868472        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff exon    24872329        24875626        .       -
        .       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24845994        24846322        .       -
        2       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24849056        24849494        .       -
        0       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24852202        24852662        .       -
        2       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24855921        24856015        .       -
        1       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24859166        24859617        .       -
        0       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24862556        24863430        .       -
        2       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24866316        24866501        .       -
        2       Parent=Smp_245750.1
SM_V9_2 Liftoff CDS     24868320        24868472        .       -
        2       Parent=Smp_245750.1
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SM_V9_2 Liftoff CDS     24872329        24872956        .       -
        0       Parent=Smp_245750.1
SM_V9_2 iris    gene    24884566        24893423        .       -
        .
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    24884566        24893423        .       -
        .
ID=Smp_166980.1;Parent=Smp_166980;geneID=Smp_166980;gene_name=Smp_16
6980;owner=irisadmin@local.host;orig_id=Smp_166980.1;date_last_modif
ied=2022-07-31;Name=Smp_166980.1;product=Transcription initiation
factor TFIID subunit 9;date_creation=2022-07-30
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        .       Parent=Smp_166980.1;Name=6b33d476-5788-4469-a146-
aa69c0718ef4
SM_V9_2 iris    exon    24886662        24886935        .       -
        .       Parent=Smp_166980.1;Name=b1567721-f12a-487c-8789-
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SM_V9_2 iris    exon    24890208        24890485        .       -
        .       Parent=Smp_166980.1;Name=e19e33d6-
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SM_V9_2 iris    exon    24890522        24890683        .       -
        .       Parent=Smp_166980.1;Name=8e2ae513-
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SM_V9_2 iris    exon    24893379        24893423        .       -
        .       Parent=Smp_166980.1;Name=5ff8f10f-174e-4927-96ac-
d80b4c08ad93
SM_V9_2 iris    CDS     24884944        24884981        .       -
        2       Parent=Smp_166980.1
SM_V9_2 iris    CDS     24886662        24886935        .       -
        0       Parent=Smp_166980.1
SM_V9_2 iris    CDS     24890208        24890485        .       -
        2       Parent=Smp_166980.1
SM_V9_2 iris    CDS     24890522        24890660        .       -
        0       Parent=Smp_166980.1
SM_V9_2 iris    gene    24905380        24909836        .       +
        .
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@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    24905380        24909836        .       +
        .
ID=Smp_082710.1;Parent=Smp_082710;geneID=Smp_082710;gene_name=Smp_08
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ied=2022-07-10;Name=Smp_082710.1;product=UDP-N-acetylglucosamine
transferase subunit ALG13 homolog;date_creation=2022-07-10
SM_V9_2 iris    exon    24905380        24905408        .       +
        .       Parent=Smp_082710.1;Name=caf29749-e871-40b6-
be20-78eba688ba09
SM_V9_2 iris    exon    24908438        24908681        .       +
        .       Parent=Smp_082710.1;Name=86662dc8-
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SM_V9_2 iris    exon    24908716        24909316        .       +
        .       Parent=Smp_082710.1;Name=64376eab-cf36-459e-
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SM_V9_2 iris    exon    24909378        24909836        .       +
        .       Parent=Smp_082710.1;Name=f6fc621b-4adc-4588-8757-
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SM_V9_2 iris    CDS     24908825        24909316        .       +
        0       Parent=Smp_082710.1
SM_V9_2 iris    CDS     24909378        24909515        .       +
        0       Parent=Smp_082710.1
SM_V9_2 iris    gene    24913459        24934022        .       -
        .
ID=Smp_345700;geneID=Smp_345700;gene_name=Smp_345700;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    24913459        24934022        .       -
        .
ID=Smp_345700.1;Parent=Smp_345700;geneID=Smp_345700;gene_name=Smp_34
5700;owner=irisadmin@local.host;orig_id=Smp_345700.1;date_last_modif
ied=2022-07-10;Name=Smp_345700.1;product=72 kDa inositol
polyphosphate 5-phosphatase;date_creation=2022-07-10
SM_V9_2 iris    exon    24913459        24913653        .       -
        .       Parent=Smp_345700.1;Name=309f4650-6466-47e5-8c12-
d5c81da06a2b
SM_V9_2 iris    exon    24915034        24915080        .       -
        .       Parent=Smp_345700.1;Name=683c2606-bbee-4de1-
a23d-1287e44d6940
SM_V9_2 iris    exon    24916599        24916735        .       -
        .
Parent=Smp_345700.1;Name=eb88c815-8470-4b50-9666-6367f7addee8
SM_V9_2 iris    exon    24918355        24918470        .       -
        .       Parent=Smp_345700.1;Name=b35df8ef-
de6b-44b9-84d0-07578590c90b
SM_V9_2 iris    exon    24925555        24925722        .       -
        .
Parent=Smp_345700.1;Name=669e1405-6fc4-4324-9f07-8a84917aa3c4
SM_V9_2 iris    exon    24926938        24927039        .       -
        .       Parent=Smp_345700.1;Name=0eb56c87-8627-4b20-8c26-
f702f83cf95e
SM_V9_2 iris    exon    24929523        24929636        .       -
        .       Parent=Smp_345700.1;Name=dd25d49b-528d-4f16-
ac6f-4d5bee2658d3
SM_V9_2 iris    exon    24931702        24931826        .       -
        .       Parent=Smp_345700.1;Name=71894481-5c0a-4a07-
b031-80e7334afe46
SM_V9_2 iris    exon    24933179        24933276        .       -
        .       Parent=Smp_345700.1;Name=001af2f2-e8e0-4a20-817b-
d200c4d23eff
SM_V9_2 iris    exon    24933314        24933446        .       -
        .       Parent=Smp_345700.1;Name=e5daf0fe-379e-428c-
a4a4-6fac621509d0
SM_V9_2 iris    exon    24933491        24933808        .       -
        .       Parent=Smp_345700.1;Name=3971783a-84a1-4c83-ad98-
c38ae58dcac0
SM_V9_2 iris    exon    24933906        24934022        .       -
        .       Parent=Smp_345700.1;Name=a9cdadac-
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SM_V9_2 iris    CDS     24913571        24913653        .       -
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        2       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24915034        24915080        .       -
        1       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24916599        24916735        .       -
        0       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24918355        24918470        .       -
        2       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24925555        24925722        .       -
        2       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24926938        24927039        .       -
        2       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24929523        24929636        .       -
        2       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24931702        24931826        .       -
        1       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24933179        24933276        .       -
        0       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24933314        24933446        .       -
        1       Parent=Smp_345700.1
SM_V9_2 iris    CDS     24933491        24933663        .       -
        0       Parent=Smp_345700.1
SM_V9_2 iris    gene    24951896        24981705        .       +
        .
ID=Smp_082740;geneID=Smp_082740;gene_name=Smp_082740;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    24951896        24981705        .       +
        .
ID=Smp_082740.1;Parent=Smp_082740;geneID=Smp_082740;gene_name=Smp_08
2740;owner=irisadmin@local.host;orig_id=Smp_082740.1;date_last_modif
ied=2022-08-17;Name=Smp_082740.1;product=Na(+)/H(+) exchange
regulatory cofactor NHE-RF1;date_creation=2022-08-17
SM_V9_2 iris    exon    24951896        24952132        .       +
        .       Parent=Smp_082740.1;Name=7ac46532-1796-4ee4-82c8-
fe0c36a2ff3c
SM_V9_2 iris    exon    24966690        24966857        .       +
        .
Parent=Smp_082740.1;Name=0322257a-28a2-4ccc-8575-101ded34e6fc
SM_V9_2 iris    exon    24969130        24969167        .       +
        .       Parent=Smp_082740.1;Name=e68bddc8-e53b-4506-ae2c-
eb7901bd7ad7
SM_V9_2 iris    exon    24981048        24981705        .       +
        .       Parent=Smp_082740.1;Name=f84b08b7-
b490-4d0a-9250-82f5977996aa
SM_V9_2 iris    CDS     24951940        24952132        .       +
        0       Parent=Smp_082740.1
SM_V9_2 iris    CDS     24966690        24966857        .       +
        2       Parent=Smp_082740.1
SM_V9_2 iris    CDS     24969130        24969167        .       +
        2       Parent=Smp_082740.1
SM_V9_2 iris    CDS     24981048        24981440        .       +
        0       Parent=Smp_082740.1
SM_V9_2 Liftoff gene    24981843        24982136        .       -
        .       ID=Smp_082750;geneID=Smp_082750
SM_V9_2 Liftoff mRNA    24981843        24982136        .       -
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ID=Smp_082750.1;Parent=Smp_082750;geneID=Smp_082750;product=Histone
H2A.J;polypeptide_domain=InterPro:IPR002119,IPR007125,IPR009072
Pfam:PF00125;Ontology_term=GO:0000786,GO:0003677,GO:0005634,GO:00469
82
SM_V9_2 Liftoff exon    24981843        24982136        .       -
        .       Parent=Smp_082750.1
SM_V9_2 Liftoff CDS     24981843        24982136        .       -
        0       Parent=Smp_082750.1
SM_V9_2 Liftoff gene    24985297        24989006        .       -
        .       ID=Smp_167000;geneID=Smp_167000
SM_V9_2 Liftoff mRNA    24985297        24989006        .       -
        .
ID=Smp_167000.1;Parent=Smp_167000;geneID=Smp_167000;product=Centroso
mal protein of 19 kDa;polypeptide_domain=InterPro:IPR029412
Pfam:PF14933
SM_V9_2 Liftoff exon    24985297        24985952        .       -
        .       Parent=Smp_167000.1
SM_V9_2 Liftoff exon    24988665        24989006        .       -
        .       Parent=Smp_167000.1
SM_V9_2 Liftoff CDS     24985811        24985952        .       -
        1       Parent=Smp_167000.1
SM_V9_2 Liftoff CDS     24988665        24988966        .       -
        0       Parent=Smp_167000.1
SM_V9_2 iris    gene    24993340        25095193        .       +
        .
ID=Smp_167010;geneID=Smp_167010;gene_name=Smp_167010;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    24993340        25095193        .       +
        .
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7010;owner=irisadmin@local.host;orig_id=Smp_167010.1;date_last_modif
ied=2022-07-31;Name=Smp_167010.1;product=Talin-2;date_creation=2022-
07-30
SM_V9_2 iris    exon    24993340        24993554        .       +
        .       Parent=Smp_167010.1;Name=89fc21c2-8ccc-4010-
a57b-202ddb4ea35d
SM_V9_2 iris    exon    24993592        24993689        .       +
        .       Parent=Smp_167010.1;Name=c5c76807-321d-4ba8-
bb35-2ce0efbc15f1
SM_V9_2 iris    exon    24993724        24993853        .       +
        .       Parent=Smp_167010.1;Name=1303aec9-d0eb-420a-
b5c5-2ce85693f3d0
SM_V9_2 iris    exon    24994903        24995052        .       +
        .       Parent=Smp_167010.1;Name=f5ca47ae-0b6e-4c9b-
b4af-3740639990e4
SM_V9_2 iris    exon    24995894        24996036        .       +
        .       Parent=Smp_167010.1;Name=8af61984-
d223-4064-9482-60a1516539ee
SM_V9_2 iris    exon    24998049        24998176        .       +
        .       Parent=Smp_167010.1;Name=c8e6b45f-6aaf-46b8-
ade6-229711eb66d1
SM_V9_2 iris    exon    25000032        25000095        .       +
        .       Parent=Smp_167010.1;Name=96afb78e-25e9-4095-
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ba6a-4dfd0277cd0e
SM_V9_2 iris    exon    25003446        25003550        .       +
        .       Parent=Smp_167010.1;Name=b7f22b54-fa01-4c9a-bfff-
e032bf3d1ada
SM_V9_2 iris    exon    25008414        25008569        .       +
        .       Parent=Smp_167010.1;Name=eb3ae7c7-eec6-4348-
a6f7-03f31db2bf53
SM_V9_2 iris    exon    25013080        25013261        .       +
        .       Parent=Smp_167010.1;Name=e3f2a174-
f63a-4596-974b-0e1ba75f58dd
SM_V9_2 iris    exon    25017347        25017584        .       +
        .       Parent=Smp_167010.1;Name=28be9d0d-af9a-45d0-
b64c-5db4e7a5e7e2
SM_V9_2 iris    exon    25024627        25024767        .       +
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e97c-4f20-9325-7b60eccb6e38
SM_V9_2 iris    exon    25027841        25027976        .       +
        .       Parent=Smp_167010.1;Name=a8f62a1c-b0e9-4ebf-b05b-
e6b01effd5f9
SM_V9_2 iris    exon    25037093        25037340        .       +
        .
Parent=Smp_167010.1;Name=d8016da9-5e26-472c-8ec9-6774281e96fd
SM_V9_2 iris    exon    25039660        25039914        .       +
        .
Parent=Smp_167010.1;Name=fd191fd2-0c42-4024-8c38-985979b57f4b
SM_V9_2 iris    exon    25041296        25041565        .       +
        .       Parent=Smp_167010.1;Name=69f67ae4-3c39-4136-8e51-
e7a4fdbbdb62
SM_V9_2 iris    exon    25042380        25042586        .       +
        .       Parent=Smp_167010.1;Name=be5926b2-594e-494a-a9f0-
d2dd0e8bc126
SM_V9_2 iris    exon    25043927        25044172        .       +
        .       Parent=Smp_167010.1;Name=fa125b8f-bcb3-46b0-b861-
c6f22bca849c
SM_V9_2 iris    exon    25045305        25045526        .       +
        .       Parent=Smp_167010.1;Name=ed1a329e-
aa7f-44ff-945d-70d0ebcb8bc5
SM_V9_2 iris    exon    25048658        25048792        .       +
        .       Parent=Smp_167010.1;Name=d64bb3bb-bb01-4af7-855c-
c1698ce67559
SM_V9_2 iris    exon    25050882        25051220        .       +
        .
Parent=Smp_167010.1;Name=1fbf9164-90f1-4b3e-9edc-57efe1b3ad3c
SM_V9_2 iris    exon    25052134        25052443        .       +
        .       Parent=Smp_167010.1;Name=37f20433-7974-4115-
a25d-1591faec3b14
SM_V9_2 iris    exon    25053624        25053907        .       +
        .
Parent=Smp_167010.1;Name=654ed986-0391-4ec7-8eff-7cc2acd73a33
SM_V9_2 iris    exon    25055937        25056200        .       +
        .       Parent=Smp_167010.1;Name=a0ccb49d-e8b4-4d35-ba60-
f9caf73145ea
SM_V9_2 iris    exon    25057827        25058140        .       +
        .       Parent=Smp_167010.1;Name=7f893f74-5e76-4ec8-
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a968-909481267588
SM_V9_2 iris    exon    25059983        25060349        .       +
        .       Parent=Smp_167010.1;Name=fa2f49a5-
f2ca-40c0-958f-387d6aa6f081
SM_V9_2 iris    exon    25062893        25063192        .       +
        .       Parent=Smp_167010.1;Name=12a3cd37-527b-48a2-
a1b5-10b5bfa3185c
SM_V9_2 iris    exon    25063982        25064092        .       +
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SM_V9_2 iris    exon    25064899        25065108        .       +
        .       Parent=Smp_167010.1;Name=8ed13981-
fb26-49fe-8d70-8dc6ad657294
SM_V9_2 iris    exon    25067637        25067869        .       +
        .
Parent=Smp_167010.1;Name=69992192-2550-43ca-8f0a-298b2a68e817
SM_V9_2 iris    exon    25071303        25071597        .       +
        .       Parent=Smp_167010.1;Name=537ae39c-f234-46fd-8796-
fd41bce595e8
SM_V9_2 iris    exon    25073481        25073609        .       +
        .       Parent=Smp_167010.1;Name=e1399faf-8dbe-4fea-a12d-
def9b72a7980
SM_V9_2 iris    exon    25074454        25074615        .       +
        .       Parent=Smp_167010.1;Name=fc4c30f5-e03f-4b2b-
bec4-0eeaace8768f
SM_V9_2 iris    exon    25076703        25077020        .       +
        .       Parent=Smp_167010.1;Name=5f2153a7-5459-4ce2-
a7b1-9b063d32036f
SM_V9_2 iris    exon    25077984        25078322        .       +
        .       Parent=Smp_167010.1;Name=76787af1-8e09-4383-bdd7-
cd3ebf2ce956
SM_V9_2 iris    exon    25079517        25080147        .       +
        .       Parent=Smp_167010.1;Name=a3606059-6b31-47dd-968e-
a96cc3052d04
SM_V9_2 iris    exon    25081478        25081932        .       +
        .       Parent=Smp_167010.1;Name=f86d29e4-3431-4614-bfbc-
b2f1eecac6ec
SM_V9_2 iris    exon    25084217        25084349        .       +
        .       Parent=Smp_167010.1;Name=207a83b2-b7ef-4d6e-
a8cd-1256cc9c33de
SM_V9_2 iris    exon    25085739        25086022        .       +
        .       Parent=Smp_167010.1;Name=afd35f04-f883-427a-
b953-60e4342d5fb6
SM_V9_2 iris    exon    25087340        25087396        .       +
        .
Parent=Smp_167010.1;Name=f298ae30-1a5c-4fec-9730-4d731efcc0e4
SM_V9_2 iris    exon    25089545        25089847        .       +
        .       Parent=Smp_167010.1;Name=6f24c40f-13f6-4eb0-
b528-4e5d4acbc3d6
SM_V9_2 iris    exon    25091911        25092315        .       +
        .
Parent=Smp_167010.1;Name=2554763b-4936-4089-9be4-9c5681b8ca88
SM_V9_2 iris    exon    25093508        25095193        .       +
        .       Parent=Smp_167010.1;Name=6cf25ee7-
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SM_V9_2 iris    CDS     24993419        24993554        .       +
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SM_V9_2 iris    CDS     24993592        24993689        .       +
        2       Parent=Smp_167010.1
SM_V9_2 iris    CDS     24993724        24993853        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     24994903        24995052        .       +
        2       Parent=Smp_167010.1
SM_V9_2 iris    CDS     24995894        24996036        .       +
        2       Parent=Smp_167010.1
SM_V9_2 iris    CDS     24998049        24998176        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25000032        25000095        .       +
        1       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25003446        25003550        .       +
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SM_V9_2 iris    CDS     25008414        25008569        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25013080        25013261        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25017347        25017584        .       +
        1       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25024627        25024767        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25027841        25027976        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25037093        25037340        .       +
        2       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25039660        25039914        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25041296        25041565        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25042380        25042586        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25043927        25044172        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25045305        25045526        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25048658        25048792        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25050882        25051220        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25052134        25052443        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25053624        25053907        .       +
        2       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25055937        25056200        .       +
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SM_V9_2 iris    CDS     25057827        25058140        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25059983        25060349        .       +
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SM_V9_2 iris    CDS     25062893        25063192        .       +
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SM_V9_2 iris    CDS     25064899        25065108        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25067637        25067869        .       +
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SM_V9_2 iris    CDS     25071303        25071597        .       +
        1       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25073481        25073609        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25074454        25074615        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25076703        25077020        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25077984        25078322        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25079517        25080147        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25081478        25081932        .       +
        2       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25084217        25084349        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25085739        25086022        .       +
        2       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25087340        25087396        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25089545        25089847        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25091911        25092315        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    CDS     25093508        25093615        .       +
        0       Parent=Smp_167010.1
SM_V9_2 iris    gene    25097024        25119930        .       -
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SM_V9_2 iris    mRNA    25097024        25119930        .       -
        .
ID=Smp_167020.1;Parent=Smp_167020;geneID=Smp_167020;gene_name=Smp_16
7020;owner=irisadmin@local.host;orig_id=Smp_167020.1;date_last_modif
ied=2022-08-17;Name=Smp_167020.1;product=Uncharacterized protein
C3orf67 homolog;date_creation=2022-08-17
SM_V9_2 iris    exon    25097024        25097941        .       -
        .       Parent=Smp_167020.1;Name=c553e6da-6bc0-4585-a7c3-
c829d22642a4
SM_V9_2 iris    exon    25097969        25098129        .       -
        .       Parent=Smp_167020.1;Name=d69d9b27-d59e-47fe-
b24a-66bb47fab972
SM_V9_2 iris    exon    25106756        25107233        .       -
        .       Parent=Smp_167020.1;Name=a4177d9b-4e28-48e2-9f90-
bf72c0507a45
SM_V9_2 iris    exon    25109066        25109465        .       -
        .       Parent=Smp_167020.1;Name=2b6dc4de-1fd8-47ca-a6aa-
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ca5ba4e9a46b
SM_V9_2 iris    exon    25111827        25112238        .       -
        .       Parent=Smp_167020.1;Name=424cdb91-7b74-4ab5-
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SM_V9_2 iris    exon    25115542        25115741        .       -
        .       Parent=Smp_167020.1;Name=7bd809ea-9f72-4cf0-
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SM_V9_2 iris    exon    25116532        25116624        .       -
        .       Parent=Smp_167020.1;Name=e1038dac-a7d6-43a9-
acfe-6250ea038607
SM_V9_2 iris    exon    25117827        25117867        .       -
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Parent=Smp_167020.1;Name=7b015911-0642-4ec0-860e-9be572c35169
SM_V9_2 iris    exon    25119090        25119246        .       -
        .       Parent=Smp_167020.1;Name=0516f958-7c58-4592-a6cd-
e08004e3df8c
SM_V9_2 iris    exon    25119286        25119403        .       -
        .       Parent=Smp_167020.1;Name=35144e30-5f0f-4e66-
b417-1f7839033679
SM_V9_2 iris    exon    25119435        25119507        .       -
        .
Parent=Smp_167020.1;Name=f0be948f-6409-4df2-98f2-1267ba01aa8d
SM_V9_2 iris    exon    25119545        25119632        .       -
        .       Parent=Smp_167020.1;Name=95a1ef33-b95e-477c-
aaa4-906c13c19230
SM_V9_2 iris    exon    25119663        25119930        .       -
        .       Parent=Smp_167020.1;Name=d50d21ec-77fd-45b2-abd7-
bb48668576e9
SM_V9_2 iris    CDS     25097826        25097941        .       -
        2       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25097969        25098129        .       -
        1       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25106756        25107233        .       -
        2       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25109066        25109465        .       -
        0       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25111827        25112238        .       -
        1       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25115542        25115741        .       -
        0       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25116532        25116624        .       -
        0       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25117827        25117867        .       -
        2       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25119090        25119246        .       -
        0       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25119286        25119403        .       -
        1       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25119435        25119507        .       -
        2       Parent=Smp_167020.1
SM_V9_2 iris    CDS     25119545        25119632        .       -
        0       Parent=Smp_167020.1
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SM_V9_2 iris    gene    25133765        25155462        .       +
       .
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@local.host;date_last_modified=2022-08-17;date_creation=2022-07-30
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       .
ID=Smp_082780.1;Parent=Smp_082780;geneID=Smp_082780;gene_name=Smp_08
2780;owner=irisadmin@local.host;orig_id=Smp_082780.1;date_last_modif
ied=2022-08-17;Name=Smp_082780.1;product=Neural Wiskott-Aldrich
syndrome protein;date_creation=2022-07-30
SM_V9_2 iris    exon    25133765        25133824        .       +
       .       Parent=Smp_082780.1;Name=34a9407c-4e9b-4d5e-
bfb9-82b77c629bee
SM_V9_2 iris    exon    25136461        25136679        .       +
       .
Parent=Smp_082780.1;Name=fff17da6-8c60-4b07-9348-6ebcb1084a51
SM_V9_2 iris    exon    25136728        25137051        .       +
       .       Parent=Smp_082780.1;Name=c247d47b-f81b-4940-
a45c-2ccced17bc68
SM_V9_2 iris    exon    25137710        25137745        .       +
       .       Parent=Smp_082780.1;Name=d2d2e37e-e8ce-4fcb-
a948-104aa1ac9b1e
SM_V9_2 iris    exon    25148013        25148228        .       +
       .       Parent=Smp_082780.1;Name=45074a71-7320-440c-8cc6-
eeac311dd002
SM_V9_2 iris    exon    25152179        25152604        .       +
       .       Parent=Smp_082780.1;Name=03269af1-17b0-4423-9b43-
f53085c123ea
SM_V9_2 iris    exon    25154638        25155462        .       +
       .       Parent=Smp_082780.1;Name=1f563b24-efcd-46a4-
b259-20192d6d1497
SM_V9_2 iris    CDS     25133816        25133824        .       +
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SM_V9_2 iris    CDS     25136461        25136679        .       +
       0       Parent=Smp_082780.1
SM_V9_2 iris    CDS     25136728        25137051        .       +
       0       Parent=Smp_082780.1
SM_V9_2 iris    CDS     25137710        25137745        .       +
       0       Parent=Smp_082780.1
SM_V9_2 iris    CDS     25148013        25148228        .       +
       0       Parent=Smp_082780.1
SM_V9_2 iris    CDS     25152179        25152604        .       +
       0       Parent=Smp_082780.1
SM_V9_2 iris    CDS     25154638        25154865        .       +
       0       Parent=Smp_082780.1
SM_V9_2 iris    gene    25168892        25178982        .       -
       .
ID=Smp_082790;geneID=Smp_082790;gene_name=Smp_082790;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    25168892        25178982        .       -
       .
ID=Smp_082790.1;Parent=Smp_082790;geneID=Smp_082790;gene_name=Smp_08
2790;owner=irisadmin@local.host;orig_id=Smp_082790.1;date_last_modif
ied=2022-07-10;Name=Smp_082790.1;product=General transcription
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factor IIH subunit 4;date_creation=2022-07-10
SM_V9_2 iris    exon    25168892        25169250        .       -
        .       Parent=Smp_082790.1;Name=5ce0d50a-8830-4685-abfc-
c3ddae316231
SM_V9_2 iris    exon    25169304        25169444        .       -
        .
Parent=Smp_082790.1;Name=afc2e974-48f0-42f2-8ed4-43d269b6a32a
SM_V9_2 iris    exon    25170753        25170800        .       -
        .       Parent=Smp_082790.1;Name=b7c44cd2-41d0-4808-
a8bb-26117ff38397
SM_V9_2 iris    exon    25170856        25170986        .       -
        .       Parent=Smp_082790.1;Name=ce6fe365-3c3d-424b-9847-
da6000824037
SM_V9_2 iris    exon    25171432        25171753        .       -
        .       Parent=Smp_082790.1;Name=4f79f8c7-34b2-42a3-
ab90-1e2fb4a1f785
SM_V9_2 iris    exon    25176270        25176338        .       -
        .       Parent=Smp_082790.1;Name=e75a917e-2c55-426f-a13e-
c504ee9523c4
SM_V9_2 iris    exon    25176388        25176499        .       -
        .       Parent=Smp_082790.1;Name=a19a9cb6-
d4a1-4027-90bb-1bfaf5cf0984
SM_V9_2 iris    exon    25176552        25176640        .       -
        .
Parent=Smp_082790.1;Name=26c7eb25-27c4-40c1-96dd-9410f71c9664
SM_V9_2 iris    exon    25176677        25176773        .       -
        .
Parent=Smp_082790.1;Name=7a334f35-440f-405a-9d17-66d7896e135b
SM_V9_2 iris    exon    25176817        25177211        .       -
        .       Parent=Smp_082790.1;Name=64fd912a-
c8a2-4c90-8121-18018b5396e7
SM_V9_2 iris    exon    25178853        25178982        .       -
        .
Parent=Smp_082790.1;Name=69b084ab-5728-402f-96f1-84c0180cbf1f
SM_V9_2 iris    CDS     25169143        25169250        .       -
        0       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25169304        25169444        .       -
        0       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25170753        25170800        .       -
        0       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25170856        25170986        .       -
        2       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25171432        25171753        .       -
        0       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25176270        25176338        .       -
        0       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25176388        25176499        .       -
        1       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25176552        25176640        .       -
        0       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25176677        25176773        .       -
        1       Parent=Smp_082790.1
SM_V9_2 iris    CDS     25176817        25177160        .       -
        0       Parent=Smp_082790.1
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SM_V9_2 Liftoff gene    25185762        25201332        .       -
        .       ID=Smp_082800;geneID=Smp_082800
SM_V9_2 Liftoff mRNA    25185762        25201332        .       -
        .
ID=Smp_082800.1;Parent=Smp_082800;geneID=Smp_082800;product=Sec1
family domain-containing protein
1;polypeptide_domain=InterPro:IPR001619
Pfam:PF00995;Ontology_term=GO:0006904,GO:0016192
SM_V9_2 Liftoff exon    25185762        25186137        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25186806        25187100        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25189154        25189260        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25190539        25190683        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25191613        25191896        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25193011        25193158        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25194893        25195239        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25196813        25197243        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25197929        25198139        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25198178        25198268        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25198309        25198397        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff exon    25198441        25201332        .       -
        .       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25186111        25186137        .       -
        0       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25186806        25187100        .       -
        1       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25189154        25189260        .       -
        0       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25190539        25190683        .       -
        1       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25191613        25191896        .       -
        0       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25193011        25193158        .       -
        1       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25194893        25195239        .       -
        0       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25196813        25197243        .       -
        2       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25197929        25198139        .       -
        0       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25198178        25198268        .       -
        1       Parent=Smp_082800.1
SM_V9_2 Liftoff CDS     25198309        25198397        .       -
        0       Parent=Smp_082800.1
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SM_V9_2 Liftoff CDS     25198441        25198491        .       -
        0       Parent=Smp_082800.1
SM_V9_2 Liftoff gene    25201426        25210037        .       +
        .
ID=Smp_082810;geneID=Smp_082810;previous_systematic_id=Smp_167030
SM_V9_2 Liftoff mRNA    25201426        25210037        .       +
        .
ID=Smp_082810.1;Parent=Smp_082810;geneID=Smp_082810;product=Cell
division control protein 42
homolog;polypeptide_domain=InterPro:IPR001806,IPR003578,IPR005225,IP
R027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0005622,GO:00072
64
SM_V9_2 Liftoff exon    25201426        25201603        .       +
        .       Parent=Smp_082810.1
SM_V9_2 Liftoff exon    25201640        25201822        .       +
        .       Parent=Smp_082810.1
SM_V9_2 Liftoff exon    25204961        25205158        .       +
        .       Parent=Smp_082810.1
SM_V9_2 Liftoff exon    25209546        25210037        .       +
        .       Parent=Smp_082810.1
SM_V9_2 Liftoff CDS     25201487        25201603        .       +
        0       Parent=Smp_082810.1
SM_V9_2 Liftoff CDS     25201640        25201822        .       +
        0       Parent=Smp_082810.1
SM_V9_2 Liftoff CDS     25204961        25205158        .       +
        0       Parent=Smp_082810.1
SM_V9_2 Liftoff CDS     25209546        25209635        .       +
        0       Parent=Smp_082810.1
SM_V9_2 Liftoff gene    25232716        25237468        .       +
        .       ID=Smp_082820;geneID=Smp_082820
SM_V9_2 Liftoff mRNA    25232716        25237468        .       +
        .
ID=Smp_082820.1;Parent=Smp_082820;geneID=Smp_082820;product=Ubiquiti
n-conjugating enzyme E2
2;polypeptide_domain=InterPro:IPR000608,IPR001810,IPR016135
Pfam:PF00179;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    25232716        25237468        .       +
        .       Parent=Smp_082820.1
SM_V9_2 Liftoff CDS     25235382        25236506        .       +
        0       Parent=Smp_082820.1
SM_V9_2 Liftoff gene    25240873        25269522        .       -
        .
ID=Smp_245770;geneID=Smp_245770;previous_systematic_id=Smp_082830,Sm
p_167040
SM_V9_2 Liftoff mRNA    25240873        25269522        .       -
        .
ID=Smp_245770.1;Parent=Smp_245770;geneID=Smp_245770;product=Dynein
intermediate chain 2,
ciliary;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986
Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    25240873        25241249        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25248457        25248508        .       -
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        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25249909        25250142        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25255899        25256127        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25259777        25259864        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25263412        25263749        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25264648        25264894        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25268518        25268709        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25268748        25268855        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25268895        25268923        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25268958        25269090        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25269127        25269207        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25269239        25269370        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff exon    25269411        25269522        .       -
        .       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25241169        25241249        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25248457        25248508        .       -
        1       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25249909        25250142        .       -
        1       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25255899        25256127        .       -
        2       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25259777        25259864        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25263412        25263749        .       -
        2       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25264648        25264894        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25268518        25268709        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25268748        25268855        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25268895        25268923        .       -
        2       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25268958        25269090        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25269127        25269207        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25269239        25269370        .       -
        0       Parent=Smp_245770.1
SM_V9_2 Liftoff CDS     25269411        25269434        .       -
        0       Parent=Smp_245770.1
SM_V9_2 iris    gene    25278308        25300566        .       +
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        .
ID=Smp_082850;geneID=Smp_082850;gene_name=Smp_082850;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    25278308        25300566        .       +
        .
ID=Smp_082850.1;Parent=Smp_082850;geneID=Smp_082850;gene_name=Smp_08
2850;owner=irisadmin@local.host;orig_id=Smp_082850.1;date_last_modif
ied=2022-08-17;Name=Smp_082850.1;product=Cullin-4A;date_creation=202
2-08-17
SM_V9_2 iris    exon    25278308        25278484        .       +
        .       Parent=Smp_082850.1;Name=7ef4075d-4bac-48aa-ad78-
fa5c24e17c8a
SM_V9_2 iris    exon    25278516        25278637        .       +
        .       Parent=Smp_082850.1;Name=fbaa05e7-
c1df-45f3-850d-30b1bf18b56b
SM_V9_2 iris    exon    25278674        25278777        .       +
        .
Parent=Smp_082850.1;Name=e53058c6-7242-495e-8c7e-5a392ffe7069
SM_V9_2 iris    exon    25278851        25278908        .       +
        .
Parent=Smp_082850.1;Name=92127eb6-9ebb-4d57-98ae-61c81e627ef7
SM_V9_2 iris    exon    25278943        25279016        .       +
        .       Parent=Smp_082850.1;Name=b4b6c933-9f91-4b43-
b7a7-18e83628a0b6
SM_V9_2 iris    exon    25283857        25284019        .       +
        .
Parent=Smp_082850.1;Name=b92dea3d-4647-4136-8ea3-2ea68927f8d7
SM_V9_2 iris    exon    25289289        25289933        .       +
        .       Parent=Smp_082850.1;Name=0ce3548a-dfcf-4373-
b5c9-2c0e979854db
SM_V9_2 iris    exon    25291099        25291237        .       +
        .       Parent=Smp_082850.1;Name=8ad5e6be-ad7f-441b-
bfe4-32cb7fa46983
SM_V9_2 iris    exon    25292370        25292554        .       +
        .       Parent=Smp_082850.1;Name=f4f7ecb4-e292-4315-b265-
db0f17cdf7fb
SM_V9_2 iris    exon    25293478        25293591        .       +
        .       Parent=Smp_082850.1;Name=cbc51e49-c5d6-45d4-
a227-1856415d1faa
SM_V9_2 iris    exon    25295846        25296043        .       +
        .       Parent=Smp_082850.1;Name=6c35174d-9812-482f-
b43e-03fbf0f7c54c
SM_V9_2 iris    exon    25296635        25296733        .       +
        .       Parent=Smp_082850.1;Name=21a93a0e-399c-4c11-915a-
a83154f57553
SM_V9_2 iris    exon    25298118        25298270        .       +
        .       Parent=Smp_082850.1;Name=24775e7c-e329-492e-bba6-
c934a1899c85
SM_V9_2 iris    exon    25299994        25300566        .       +
        .       Parent=Smp_082850.1;Name=6412df20-
f38b-4f32-808e-0898ade6bc48
SM_V9_2 iris    CDS     25278382        25278484        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25278516        25278637        .       +
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        2       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25278674        25278777        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25278851        25278908        .       +
        1       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25278943        25279016        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25283857        25284019        .       +
        1       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25289289        25289933        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25291099        25291237        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25292370        25292554        .       +
        2       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25293478        25293591        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25295846        25296043        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25296635        25296733        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25298118        25298270        .       +
        0       Parent=Smp_082850.1
SM_V9_2 iris    CDS     25299994        25300089        .       +
        0       Parent=Smp_082850.1
SM_V9_2 Liftoff gene    25304036        25323280        .       +
        .
ID=Smp_311200;geneID=Smp_311200;previous_systematic_id=Smp_167060
SM_V9_2 Liftoff mRNA    25304036        25316101        .       +
        .
ID=Smp_311200.1;Parent=Smp_311200;geneID=Smp_311200;product=FERM and
PDZ domain-containing protein
2;polypeptide_domain=InterPro:IPR000299,IPR014352,IPR018979,IPR01974
8,IPR019749,IPR029071 Pfam:PF00373,PF09379;Ontology_term=GO:0005856
SM_V9_2 Liftoff exon    25304036        25304283        .       +
        .       Parent=Smp_311200.1
SM_V9_2 Liftoff exon    25304324        25304412        .       +
        .       Parent=Smp_311200.1
SM_V9_2 Liftoff exon    25311776        25312081        .       +
        .       Parent=Smp_311200.1
SM_V9_2 Liftoff exon    25314642        25316101        .       +
        .       Parent=Smp_311200.1
SM_V9_2 Liftoff CDS     25304097        25304283        .       +
        0       Parent=Smp_311200.1
SM_V9_2 Liftoff CDS     25304324        25304412        .       +
        2       Parent=Smp_311200.1
SM_V9_2 Liftoff CDS     25311776        25312081        .       +
        0       Parent=Smp_311200.1
SM_V9_2 Liftoff CDS     25314642        25314671        .       +
        0       Parent=Smp_311200.1
SM_V9_2 Liftoff mRNA    25304036        25323280        .       +
        .
ID=Smp_311200.2;Parent=Smp_311200;geneID=Smp_311200;product=FERM and
PDZ domain-containing protein
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2;polypeptide_domain=InterPro:IPR000299,IPR014352,IPR018979,IPR01974
8,IPR019749,IPR029071 Pfam:PF00373,PF09379;Ontology_term=GO:0005856
SM_V9_2 Liftoff exon    25304036        25304283        .       +
        .       Parent=Smp_311200.2
SM_V9_2 Liftoff exon    25304324        25304412        .       +
        .       Parent=Smp_311200.2
SM_V9_2 Liftoff exon    25311776        25312081        .       +
        .       Parent=Smp_311200.2
SM_V9_2 Liftoff exon    25323024        25323280        .       +
        .       Parent=Smp_311200.2
SM_V9_2 Liftoff CDS     25304097        25304283        .       +
        0       Parent=Smp_311200.2
SM_V9_2 Liftoff CDS     25304324        25304412        .       +
        2       Parent=Smp_311200.2
SM_V9_2 Liftoff CDS     25311776        25312081        .       +
        0       Parent=Smp_311200.2
SM_V9_2 Liftoff CDS     25323024        25323086        .       +
        0       Parent=Smp_311200.2
SM_V9_2 iris    gene    25326365        25334682        .       -
        .
ID=Smp_082860;geneID=Smp_082860;gene_name=Smp_082860;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    25326365        25334682        .       -
        .
ID=Smp_082860.1;Parent=Smp_082860;geneID=Smp_082860;gene_name=Smp_08
2860;owner=irisadmin@local.host;orig_id=Smp_082860.1;date_last_modif
ied=2022-07-18;Name=Smp_082860.1;product=Tryptophan--tRNA ligase,
cytoplasmic;date_creation=2022-07-10
SM_V9_2 iris    exon    25326365        25326676        .       -
        .       Parent=Smp_082860.1;Name=fbcd6044-6d05-4a19-813c-
f6f22a6c5890
SM_V9_2 iris    exon    25327851        25327991        .       -
        .       Parent=Smp_082860.1;Name=a8d47824-640a-484d-8f72-
cfcda0dbe0e9
SM_V9_2 iris    exon    25328167        25328563        .       -
        .       Parent=Smp_082860.1;Name=b8514033-6d13-4e2c-
ab53-2ebb4ad339ba
SM_V9_2 iris    exon    25330389        25330571        .       -
        .       Parent=Smp_082860.1;Name=2dfeafbb-7b6b-4561-
b2dc-916962c0c610
SM_V9_2 iris    exon    25330605        25330724        .       -
        .
Parent=Smp_082860.1;Name=4806f093-61aa-4afc-9b9d-17d8ccb8b1d4
SM_V9_2 iris    exon    25330759        25331054        .       -
        .       Parent=Smp_082860.1;Name=fd5b039f-9d4a-4925-933f-
b0cf8a1e4786
SM_V9_2 iris    exon    25334618        25334682        .       -
        .       Parent=Smp_082860.1;Name=ec6421c1-a291-4084-
adae-63960794b9e9
SM_V9_2 iris    CDS     25326515        25326676        .       -
        0       Parent=Smp_082860.1
SM_V9_2 iris    CDS     25327851        25327991        .       -
        0       Parent=Smp_082860.1
SM_V9_2 iris    CDS     25328167        25328563        .       -
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        1       Parent=Smp_082860.1
SM_V9_2 iris    CDS     25330389        25330571        .       -
        1       Parent=Smp_082860.1
SM_V9_2 iris    CDS     25330605        25330724        .       -
        1       Parent=Smp_082860.1
SM_V9_2 iris    CDS     25330759        25330991        .       -
        0       Parent=Smp_082860.1
SM_V9_2 iris    gene    25360125        25433735        .       -
        .
ID=Smp_212080;geneID=Smp_212080;gene_name=Smp_212080;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    25360125        25433735        .       -
        .
ID=Smp_212080.1;Parent=Smp_212080;geneID=Smp_212080;gene_name=Smp_21
2080;owner=irisadmin@local.host;orig_id=Smp_212080.1;date_last_modif
ied=2022-07-10;Name=Smp_212080.1;product=Protein MON2
homolog;date_creation=2022-07-10
SM_V9_2 iris    exon    25360125        25360978        .       -
        .       Parent=Smp_212080.1;Name=e47f68b9-4a14-492b-
ae35-1882de463b83
SM_V9_2 iris    exon    25362434        25362519        .       -
        .       Parent=Smp_212080.1;Name=c19f51bf-0ae3-44bf-9c3a-
e1a81e04b675
SM_V9_2 iris    exon    25365703        25366373        .       -
        .
Parent=Smp_212080.1;Name=3d1cbf67-61ee-469a-8e0e-1d754ec96bac
SM_V9_2 iris    exon    25371814        25371874        .       -
        .       Parent=Smp_212080.1;Name=d65559e5-8bc9-4761-
a051-588cd068cfc6
SM_V9_2 iris    exon    25374668        25374737        .       -
        .       Parent=Smp_212080.1;Name=d9003738-
e6d5-4daa-9547-3e2358d9e2d3
SM_V9_2 iris    exon    25376172        25376352        .       -
        .       Parent=Smp_212080.1;Name=a5e2cfbc-49dd-4e8b-99fa-
ea3d8db41563
SM_V9_2 iris    exon    25378713        25378841        .       -
        .       Parent=Smp_212080.1;Name=06c92830-591e-4d9f-bfa0-
babe62eb933d
SM_V9_2 iris    exon    25379867        25380034        .       -
        .       Parent=Smp_212080.1;Name=975fd69c-
ea10-470d-98e0-7e530225a7d7
SM_V9_2 iris    exon    25382224        25382526        .       -
        .
Parent=Smp_212080.1;Name=8b9d999e-979f-4523-96fa-485a465dc38f
SM_V9_2 iris    exon    25384013        25384368        .       -
        .
Parent=Smp_212080.1;Name=e35e0a9d-3bee-4f22-8bcc-250f0794cba3
SM_V9_2 iris    exon    25386666        25386864        .       -
        .       Parent=Smp_212080.1;Name=e8e691dc-
c616-4e35-8fc6-0e92598fdd08
SM_V9_2 iris    exon    25388502        25388738        .       -
        .       Parent=Smp_212080.1;Name=63c61d21-
b064-4ccf-8119-629e84918976
SM_V9_2 iris    exon    25390771        25390933        .       -
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        .       Parent=Smp_212080.1;Name=bef3e24f-3ce2-4d7d-a30b-
a6fd359a3c85
SM_V9_2 iris    exon    25394383        25394561        .       -
        .
Parent=Smp_212080.1;Name=743671e9-9ddf-4cd2-9493-9a7df851e7ac
SM_V9_2 iris    exon    25400179        25400289        .       -
        .       Parent=Smp_212080.1;Name=37c5a2ea-4503-4e1e-
ab04-9d42636a5a19
SM_V9_2 iris    exon    25405497        25405598        .       -
        .       Parent=Smp_212080.1;Name=c3a01f47-5aae-4a0c-
b4b6-39ba426dda84
SM_V9_2 iris    exon    25407416        25407503        .       -
        .
Parent=Smp_212080.1;Name=7fc1bf58-238b-42e9-8cb0-80d03a46a942
SM_V9_2 iris    exon    25409815        25410101        .       -
        .       Parent=Smp_212080.1;Name=d15fbb05-
c966-409c-8a63-0138370ff024
SM_V9_2 iris    exon    25413513        25413865        .       -
        .       Parent=Smp_212080.1;Name=c4e25b93-f414-4110-
a366-52e6907b106e
SM_V9_2 iris    exon    25414325        25414491        .       -
        .       Parent=Smp_212080.1;Name=74edc69f-f74d-4a21-aa7e-
f17b25ebbd4b
SM_V9_2 iris    exon    25418862        25419128        .       -
        .       Parent=Smp_212080.1;Name=de9ad5e9-eaa7-4b0e-
a4e0-9ac150c000c4
SM_V9_2 iris    exon    25419995        25420112        .       -
        .       Parent=Smp_212080.1;Name=169e4e6f-685a-494f-8f0b-
ded72b2f4a53
SM_V9_2 iris    exon    25423803        25423924        .       -
        .       Parent=Smp_212080.1;Name=17ec3d06-b08c-4858-8389-
be467e254ae3
SM_V9_2 iris    exon    25426775        25426899        .       -
        .       Parent=Smp_212080.1;Name=013d1f47-8745-4e7c-9692-
fcd0ce42c13b
SM_V9_2 iris    exon    25428485        25428808        .       -
        .       Parent=Smp_212080.1;Name=8235dea5-fb68-4dde-
bf70-375632783e74
SM_V9_2 iris    exon    25430482        25430607        .       -
        .       Parent=Smp_212080.1;Name=a6041502-a108-4b25-
b7c1-0987ba4f309a
SM_V9_2 iris    exon    25431605        25431681        .       -
        .       Parent=Smp_212080.1;Name=0760f69c-31ec-4948-
b314-352fe108f82c
SM_V9_2 iris    exon    25431967        25432126        .       -
        .       Parent=Smp_212080.1;Name=f0eb97ab-15f0-43b3-a30d-
ed4a6b54b525
SM_V9_2 iris    exon    25433135        25433266        .       -
        .       Parent=Smp_212080.1;Name=923ce3f5-1306-456b-
a047-54a098204da7
SM_V9_2 iris    exon    25433298        25433425        .       -
        .       Parent=Smp_212080.1;Name=c096bb06-
facd-4180-91df-67b61f9938e8
SM_V9_2 iris    exon    25433462        25433525        .       -
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        .       Parent=Smp_212080.1;Name=b08decf0-7bf6-4b00-
af41-8ee9c3d89914
SM_V9_2 iris    exon    25433558        25433735        .       -
        .
Parent=Smp_212080.1;Name=c36d2e7e-5fcb-44fa-80e9-3e9b766081c6
SM_V9_2 iris    CDS     25360692        25360978        .       -
        2       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25362434        25362519        .       -
        1       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25365703        25366373        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25371814        25371874        .       -
        1       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25374668        25374737        .       -
        2       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25376172        25376352        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25378713        25378841        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25379867        25380034        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25382224        25382526        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25384013        25384368        .       -
        2       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25386666        25386864        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25388502        25388738        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25390771        25390933        .       -
        1       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25394383        25394561        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25400179        25400289        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25405497        25405598        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25407416        25407503        .       -
        1       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25409815        25410101        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25413513        25413865        .       -
        2       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25414325        25414491        .       -
        1       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25418862        25419128        .       -
        1       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25419995        25420112        .       -
        2       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25423803        25423924        .       -
        1       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25426775        25426899        .       -
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SM_V9_2 iris    CDS     25428485        25428808        .       -
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        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25430482        25430607        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25431605        25431681        .       -
        2       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25431967        25432126        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25433135        25433266        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25433298        25433425        .       -
        2       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25433462        25433525        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    CDS     25433558        25433665        .       -
        0       Parent=Smp_212080.1
SM_V9_2 iris    gene    25402426        25404938        .       +
        .
ID=Smp_128710;geneID=Smp_128710;gene_name=Smp_128710;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    25402426        25404938        .       +
        .
ID=Smp_128710.1;Parent=Smp_128710;geneID=Smp_128710;gene_name=Smp_12
8710;owner=irisadmin@local.host;orig_id=Smp_128710.1;date_last_modif
ied=2022-08-24;Name=Smp_128710.1;product=g protein coupled
receptor;date_creation=2022-08-24
SM_V9_2 iris    exon    25402426        25404938        .       +
        .       Parent=Smp_128710.1;Name=40495d72-2fe5-4046-9d48-
d431e1e026f0
SM_V9_2 iris    CDS     25402524        25404272        .       +
        0       Parent=Smp_128710.1
SM_V9_2 iris    gene    25455896        25473055        .       +
        .
ID=Smp_245780;geneID=Smp_245780;gene_name=Smp_245780;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    25455896        25473055        .       +
        .
ID=Smp_245780.1;Parent=Smp_245780;geneID=Smp_245780;gene_name=Smp_24
5780;owner=irisadmin@local.host;orig_id=Smp_245780.2;date_last_modif
ied=2022-07-31;Name=Smp_245780.1;product=Protein transport protein
Sec24B;date_creation=2022-07-30
SM_V9_2 iris    exon    25455896        25455958        .       +
        .
Parent=Smp_245780.1;Name=6e5762a7-5908-451d-9e45-9d8ffd586475
SM_V9_2 iris    exon    25455998        25456218        .       +
        .       Parent=Smp_245780.1;Name=64a6364b-c105-47e1-9392-
b602bab89c73
SM_V9_2 iris    exon    25458303        25458585        .       +
        .       Parent=Smp_245780.1;Name=421987b0-340f-4c8f-
b286-340ecc98b2ce
SM_V9_2 iris    exon    25459288        25460135        .       +
        .
Parent=Smp_245780.1;Name=01368fd3-75aa-4bc2-8057-9243f4aa627e
SM_V9_2 iris    exon    25461132        25461678        .       +
        .       Parent=Smp_245780.1;Name=571a8569-
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f2a2-48a9-9bb2-4178a6142883
SM_V9_2 iris    exon    25462725        25462903        .       +
        .       Parent=Smp_245780.1;Name=1f64d688-569c-4c56-
b162-1de7b893656c
SM_V9_2 iris    exon    25464329        25464517        .       +
        .       Parent=Smp_245780.1;Name=50fb3533-b16e-4443-8430-
d409ae6af485
SM_V9_2 iris    exon    25468280        25468585        .       +
        .       Parent=Smp_245780.1;Name=a97a578b-e3a0-421d-
a52b-1d11864b9968
SM_V9_2 iris    exon    25469436        25469567        .       +
        .       Parent=Smp_245780.1;Name=ec3520d4-
b26a-4110-9282-0422456de0a4
SM_V9_2 iris    exon    25471179        25473055        .       +
        .       Parent=Smp_245780.1;Name=73dc8aec-ed62-4197-
a1e7-08053491fcbd
SM_V9_2 iris    CDS     25456084        25456218        .       +
        0       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25458303        25458585        .       +
        0       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25459288        25460135        .       +
        2       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25461132        25461678        .       +
        0       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25462725        25462903        .       +
        2       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25464329        25464517        .       +
        0       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25468280        25468585        .       +
        0       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25469436        25469567        .       +
        0       Parent=Smp_245780.1
SM_V9_2 iris    CDS     25471179        25472252        .       +
        0       Parent=Smp_245780.1
SM_V9_2 iris    gene    25500143        25503593        .       +
        .
ID=Smp_012280;geneID=Smp_012280;gene_name=Smp_012280;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    25500143        25503593        .       +
        .
ID=Smp_012280.1;Parent=Smp_012280;geneID=Smp_012280;gene_name=Smp_01
2280;owner=irisadmin@local.host;orig_id=Smp_012280.1;date_last_modif
ied=2022-07-10;Name=Smp_012280.1;product=Protein CDV3
homolog;date_creation=2022-07-10
SM_V9_2 iris    exon    25500143        25500380        .       +
        .       Parent=Smp_012280.1;Name=8421be5c-7678-47e3-
bc67-47a16aa113bc
SM_V9_2 iris    exon    25500421        25500610        .       +
        .
Parent=Smp_012280.1;Name=8c948973-1bda-48b6-9bb9-2b149e3ede78
SM_V9_2 iris    exon    25501823        25502435        .       +
        .       Parent=Smp_012280.1;Name=93b422f9-2ee4-4bc9-9977-
b59fc0144298
SM_V9_2 iris    exon    25503030        25503593        .       +
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        .       Parent=Smp_012280.1;Name=f8d3280c-b7e5-47df-
ad32-15524b10007c
SM_V9_2 iris    CDS     25500222        25500380        .       +
        0       Parent=Smp_012280.1
SM_V9_2 iris    CDS     25500421        25500610        .       +
        0       Parent=Smp_012280.1
SM_V9_2 iris    CDS     25501823        25502435        .       +
        2       Parent=Smp_012280.1
SM_V9_2 iris    CDS     25503030        25503099        .       +
        1       Parent=Smp_012280.1
SM_V9_2 iris    gene    25521766        25579235        .       +
        .
ID=Smp_128750;geneID=Smp_128750;gene_name=Smp_128750;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    25521766        25579235        .       +
        .
ID=Smp_128750.1;Parent=Smp_128750;geneID=Smp_128750;gene_name=Smp_12
8750;owner=irisadmin@local.host;orig_id=Smp_128750.2;date_last_modif
ied=2022-07-10;Name=Smp_128750.1;product=Muscle M-line assembly
protein unc-89;date_creation=2022-07-10
SM_V9_2 iris    exon    25521766        25521997        .       +
        .       Parent=Smp_128750.1;Name=90fb370f-b335-400d-b5a1-
afe9ed84c716
SM_V9_2 iris    exon    25522032        25522154        .       +
        .
Parent=Smp_128750.1;Name=0f531d55-24e5-4651-9a4c-30490236b474
SM_V9_2 iris    exon    25522189        25522353        .       +
        .       Parent=Smp_128750.1;Name=816e0cf7-c835-49ca-
b914-3932cddd03e5
SM_V9_2 iris    exon    25522390        25522677        .       +
        .       Parent=Smp_128750.1;Name=739bda65-0f09-4b64-
b853-6c3c4599f9f4
SM_V9_2 iris    exon    25526227        25526385        .       +
        .       Parent=Smp_128750.1;Name=f97a28e2-3e96-4f49-bd70-
b7346e7ed6a3
SM_V9_2 iris    exon    25532538        25532732        .       +
        .       Parent=Smp_128750.1;Name=4981d54d-e28e-49a7-
a326-6fca766d7486
SM_V9_2 iris    exon    25534463        25534674        .       +
        .       Parent=Smp_128750.1;Name=9526fa57-5f53-45c6-98e2-
dc868d0c9e30
SM_V9_2 iris    exon    25535491        25536106        .       +
        .       Parent=Smp_128750.1;Name=30d9d9be-3095-4ef5-
aa71-697f479e356b
SM_V9_2 iris    exon    25538199        25538699        .       +
        .
Parent=Smp_128750.1;Name=1b48b101-1a2e-477f-9cf2-406c17e64025
SM_V9_2 iris    exon    25542669        25542821        .       +
        .       Parent=Smp_128750.1;Name=89e400ed-b698-46dc-
bf48-9b6f87dbb9e0
SM_V9_2 iris    exon    25549349        25549441        .       +
        .
Parent=Smp_128750.1;Name=acb3d05b-344d-473f-8c6a-47da89baef6d
SM_V9_2 iris    exon    25550369        25551179        .       +
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Parent=Smp_128750.1;Name=d8bbb0b5-6171-40ea-8715-96152cef116a
SM_V9_2 iris    exon    25554867        25555166        .       +
        .       Parent=Smp_128750.1;Name=08822915-f7f8-4089-
a798-4ca4f41ac60a
SM_V9_2 iris    exon    25556939        25557337        .       +
        .       Parent=Smp_128750.1;Name=94d0c800-
fd1e-4893-9c33-697a3b145b1c
SM_V9_2 iris    exon    25560350        25560802        .       +
        .       Parent=Smp_128750.1;Name=3d9d9631-6ee4-4aea-
ab3e-7def4034d83b
SM_V9_2 iris    exon    25562681        25562868        .       +
        .       Parent=Smp_128750.1;Name=3a80658e-7eaf-4774-83d9-
d4d47dc8a5c8
SM_V9_2 iris    exon    25563930        25564084        .       +
        .       Parent=Smp_128750.1;Name=e4f37726-c5a1-4dad-
acbf-2460f7fbd561
SM_V9_2 iris    exon    25567180        25567634        .       +
        .
Parent=Smp_128750.1;Name=04c3db52-6f2b-4dee-8209-9336dc29336b
SM_V9_2 iris    exon    25569618        25569799        .       +
        .       Parent=Smp_128750.1;Name=a2691f06-
f3b9-44d1-9aaf-3aecd81a360b
SM_V9_2 iris    exon    25570680        25571105        .       +
        .
Parent=Smp_128750.1;Name=67effa8a-53c4-4e10-907e-8b6a7482d46b
SM_V9_2 iris    exon    25573288        25573487        .       +
        .       Parent=Smp_128750.1;Name=8fdfd2ae-
e3bf-49a3-8067-4ce8174dccb0
SM_V9_2 iris    exon    25574636        25574930        .       +
        .
Parent=Smp_128750.1;Name=938182f3-5861-4811-881a-979152306138
SM_V9_2 iris    exon    25576006        25576097        .       +
        .
Parent=Smp_128750.1;Name=74dc48ff-8b70-4d29-8b76-5f788f9c4d35
SM_V9_2 iris    exon    25578152        25579235        .       +
        .       Parent=Smp_128750.1;Name=c6ff80d8-dc65-4b86-
b714-3d352dcab25a
SM_V9_2 iris    CDS     25521908        25521997        .       +
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SM_V9_2 iris    CDS     25522032        25522154        .       +
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SM_V9_2 iris    CDS     25522390        25522677        .       +
        0       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25526227        25526385        .       +
        0       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25532538        25532732        .       +
        0       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25534463        25534674        .       +
        0       Parent=Smp_128750.1
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        1       Parent=Smp_128750.1
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SM_V9_2 iris    CDS     25538199        25538699        .       +
        0       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25542669        25542821        .       +
        0       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25549349        25549441        .       +
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SM_V9_2 iris    CDS     25550369        25551179        .       +
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SM_V9_2 iris    CDS     25554867        25555166        .       +
        2       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25556939        25557337        .       +
        2       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25560350        25560802        .       +
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SM_V9_2 iris    CDS     25562681        25562868        .       +
        2       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25563930        25564084        .       +
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SM_V9_2 iris    CDS     25567180        25567634        .       +
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SM_V9_2 iris    CDS     25569618        25569799        .       +
        2       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25570680        25571105        .       +
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SM_V9_2 iris    CDS     25573288        25573487        .       +
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SM_V9_2 iris    CDS     25574636        25574930        .       +
        1       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25576006        25576097        .       +
        0       Parent=Smp_128750.1
SM_V9_2 iris    CDS     25578152        25578680        .       +
        1       Parent=Smp_128750.1
SM_V9_2 Liftoff gene    25685473        25711627        .       +
        .       ID=Smp_128760;geneID=Smp_128760
SM_V9_2 Liftoff mRNA    25685473        25711627        .       +
        .
ID=Smp_128760.1;Parent=Smp_128760;geneID=Smp_128760;product=Chitin
synthase
3;polypeptide_domain=InterPro:IPR015943;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    25685473        25685980        .       +
        .       Parent=Smp_128760.1
SM_V9_2 Liftoff exon    25708870        25711627        .       +
        .       Parent=Smp_128760.1
SM_V9_2 Liftoff CDS     25685773        25685980        .       +
        0       Parent=Smp_128760.1
SM_V9_2 Liftoff CDS     25708870        25710308        .       +
        2       Parent=Smp_128760.1
SM_V9_2 Liftoff gene    25736223        25749972        .       +
        .       ID=Smp_128770;geneID=Smp_128770
SM_V9_2 Liftoff mRNA    25736223        25749972        .       +
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11;polypeptide_domain=InterPro:IPR001394,IPR006615,IPR018200,IPR0288
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SM_V9_2 Liftoff exon    25736491        25736615        .       +
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SM_V9_2 Liftoff exon    25736653        25736907        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25736940        25737085        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25738625        25738668        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25739195        25739528        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25740551        25740709        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25742728        25743042        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25744092        25744195        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25745570        25745982        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25747408        25747735        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25748869        25749064        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff exon    25749388        25749972        .       +
        .       Parent=Smp_128770.1
SM_V9_2 Liftoff CDS     25736266        25736276        .       +
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SM_V9_2 Liftoff CDS     25736491        25736615        .       +
        1       Parent=Smp_128770.1
SM_V9_2 Liftoff CDS     25736653        25736907        .       +
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SM_V9_2 Liftoff CDS     25736940        25737085        .       +
        2       Parent=Smp_128770.1
SM_V9_2 Liftoff CDS     25738625        25738668        .       +
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SM_V9_2 Liftoff CDS     25739195        25739528        .       +
        1       Parent=Smp_128770.1
SM_V9_2 Liftoff CDS     25740551        25740709        .       +
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SM_V9_2 Liftoff CDS     25745570        25745982        .       +
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SM_V9_2 Liftoff CDS     25747408        25747735        .       +
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SM_V9_2 Liftoff CDS     25749388        25749627        .       +
        0       Parent=Smp_128770.1
SM_V9_2 Liftoff gene    25757153        25760921        .       +
        .       ID=Smp_012340;geneID=Smp_012340
SM_V9_2 Liftoff mRNA    25757153        25760921        .       +
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nucleolar RNA-associated protein 14 homolog
B;polypeptide_domain=InterPro:IPR006709
Pfam:PF04615;Ontology_term=GO:0006364,GO:0032040
SM_V9_2 Liftoff exon    25757153        25757905        .       +
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SM_V9_2 Liftoff exon    25757945        25758333        .       +
        .       Parent=Smp_012340.1
SM_V9_2 Liftoff exon    25758365        25758713        .       +
        .       Parent=Smp_012340.1
SM_V9_2 Liftoff exon    25758749        25758955        .       +
        .       Parent=Smp_012340.1
SM_V9_2 Liftoff exon    25760058        25760516        .       +
        .       Parent=Smp_012340.1
SM_V9_2 Liftoff exon    25760608        25760921        .       +
        .       Parent=Smp_012340.1
SM_V9_2 Liftoff CDS     25757897        25757905        .       +
        0       Parent=Smp_012340.1
SM_V9_2 Liftoff CDS     25757945        25758333        .       +
        0       Parent=Smp_012340.1
SM_V9_2 Liftoff CDS     25758365        25758713        .       +
        1       Parent=Smp_012340.1
SM_V9_2 Liftoff CDS     25758749        25758955        .       +
        0       Parent=Smp_012340.1
SM_V9_2 Liftoff CDS     25760058        25760516        .       +
        0       Parent=Smp_012340.1
SM_V9_2 Liftoff CDS     25760608        25760829        .       +
        0       Parent=Smp_012340.1
SM_V9_2 Liftoff gene    25764229        25784540        .       -
        .
ID=Smp_012350;geneID=Smp_012350;previous_systematic_id=Smp_128780
SM_V9_2 Liftoff mRNA    25764229        25784540        .       -
        .
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allergen-like (VAL) 11 protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR014044,IPR034113 Pfam:PF00188
SM_V9_2 Liftoff exon    25764229        25764677        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff exon    25767280        25767360        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff exon    25770337        25770478        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff exon    25773498        25773596        .       -
        .       Parent=Smp_012350.1
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SM_V9_2 Liftoff exon    25774911        25775000        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff exon    25780922        25781022        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff exon    25782077        25782277        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff exon    25782402        25782473        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff exon    25782508        25784540        .       -
        .       Parent=Smp_012350.1
SM_V9_2 Liftoff CDS     25764496        25764677        .       -
        2       Parent=Smp_012350.1
SM_V9_2 Liftoff CDS     25767280        25767360        .       -
        2       Parent=Smp_012350.1
SM_V9_2 Liftoff CDS     25770337        25770478        .       -
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SM_V9_2 Liftoff CDS     25773498        25773596        .       -
        0       Parent=Smp_012350.1
SM_V9_2 Liftoff CDS     25774911        25775000        .       -
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SM_V9_2 Liftoff CDS     25780922        25781022        .       -
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SM_V9_2 Liftoff CDS     25782077        25782277        .       -
        2       Parent=Smp_012350.1
SM_V9_2 Liftoff CDS     25782402        25782473        .       -
        2       Parent=Smp_012350.1
SM_V9_2 Liftoff CDS     25782508        25782742        .       -
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1283,IPR014044,IPR034113 Pfam:PF00188
SM_V9_2 Liftoff exon    25764229        25764677        .       -
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SM_V9_2 Liftoff exon    25767280        25767360        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25770337        25770478        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25773498        25773596        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25774911        25775000        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25776016        25776084        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25780922        25781022        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25782077        25782277        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25782402        25782473        .       -
        .       Parent=Smp_012350.2
SM_V9_2 Liftoff exon    25782508        25784540        .       -
        .       Parent=Smp_012350.2
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SM_V9_2 Liftoff CDS     25764496        25764677        .       -
        2       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25767280        25767360        .       -
        2       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25770337        25770478        .       -
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SM_V9_2 Liftoff CDS     25773498        25773596        .       -
        0       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25774911        25775000        .       -
        0       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25776016        25776084        .       -
        0       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25780922        25781022        .       -
        2       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25782077        25782277        .       -
        2       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25782402        25782473        .       -
        2       Parent=Smp_012350.2
SM_V9_2 Liftoff CDS     25782508        25782742        .       -
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Statement;polypeptide_domain=InterPro:IPR000719,IPR000980,IPR001245,
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Pfam:PF00017,PF00018,PF07714,PF08919;Ontology_term=GO:0004672,GO:000
4713,GO:0004715,GO:0005515,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    25792073        25792255        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25794047        25794208        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25796427        25796854        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25797673        25797871        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25803279        25803355        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25808137        25808221        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25808776        25808953        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25810941        25811281        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25815312        25815638        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff exon    25818641        25819147        .       +
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SM_V9_2 Liftoff exon    25820325        25823535        .       +
        .       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25792177        25792255        .       +
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SM_V9_2 Liftoff CDS     25794047        25794208        .       +
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        2       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25797673        25797871        .       +
        0       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25803279        25803355        .       +
        2       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25808137        25808221        .       +
        0       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25808776        25808953        .       +
        2       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25810941        25811281        .       +
        1       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25815312        25815638        .       +
        2       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25818641        25819147        .       +
        2       Parent=Smp_128790.1
SM_V9_2 Liftoff CDS     25820325        25821868        .       +
        2       Parent=Smp_128790.1
SM_V9_2 Liftoff gene    25854334        25885499        .       -
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SM_V9_2 Liftoff mRNA    25854334        25885499        .       -
        .
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        .       Parent=Smp_342390.1
SM_V9_2 Liftoff exon    25884802        25885499        .       -
        .       Parent=Smp_342390.1
SM_V9_2 Liftoff CDS     25854375        25854743        .       -
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SM_V9_2 Liftoff CDS     25884802        25885350        .       -
        0       Parent=Smp_342390.1
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ied=2022-07-31;Name=Smp_012380.1;product=Voltage-gated potassium
channel subunit beta-3;date_creation=2022-07-30
SM_V9_2 iris    exon    25903758        25904330        .       -
        .
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        .
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SM_V9_2 iris    exon    25907341        25907461        .       -
        .       Parent=Smp_012380.1;Name=a059d2b9-9bba-4d1c-b445-
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SM_V9_2 iris    exon    25913044        25913219        .       -
        .       Parent=Smp_012380.1;Name=516cfedb-9bb6-4eb8-a6b3-
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SM_V9_2 iris    exon    25918257        25918300        .       -
        .       Parent=Smp_012380.1;Name=8a70a820-630d-43a8-
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SM_V9_2 iris    exon    25921410        25921454        .       -
        .       Parent=Smp_012380.1;Name=dc8e6071-4afa-4896-
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SM_V9_2 iris    exon    25927928        25927972        .       -
        .       Parent=Smp_012380.1;Name=10f77f59-cc3a-42a5-b9b8-
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Parent=Smp_012380.1;Name=2d7ffacb-1d47-4792-82f1-1135da99171f
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        .       Parent=Smp_012380.1;Name=0b433bb5-fd09-41f9-
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SM_V9_2 iris    exon    25941739        25941782        .       -
        .       Parent=Smp_012380.1;Name=b8d7c5b5-
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        .
Parent=Smp_012380.1;Name=f1b07c20-44d1-433c-8c00-0bd728a9e369
SM_V9_2 iris    CDS     25904247        25904330        .       -
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SM_V9_2 iris    CDS     25905958        25906046        .       -
        2       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25907341        25907461        .       -
        0       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25908243        25908337        .       -
        2       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25910692        25910809        .       -
        0       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25913044        25913219        .       -
        2       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25918257        25918300        .       -
        1       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25921410        25921454        .       -
        1       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25927928        25927972        .       -
        1       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25929760        25929839        .       -
        0       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25931608        25931645        .       -
        2       Parent=Smp_012380.1
SM_V9_2 iris    CDS     25941739        25941782        .       -
        1       Parent=Smp_012380.1
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SM_V9_2 iris    CDS     25959275        25959321        .       -
        0       Parent=Smp_012380.1
SM_V9_2 iris    gene    25968186        25973711        .       -
        .
ID=Smp_128810;geneID=Smp_128810;gene_name=Smp_128810;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    25968186        25973711        .       -
        .
ID=Smp_128810.1;Parent=Smp_128810;geneID=Smp_128810;gene_name=Smp_12
8810;owner=irisadmin@local.host;orig_id=Smp_128810.1;date_last_modif
ied=2022-07-31;Name=Smp_128810.1;product=GPI mannosyltransferase
1;date_creation=2022-07-30
SM_V9_2 iris    exon    25968186        25969010        .       -
        .       Parent=Smp_128810.1;Name=cffa074d-2e61-41ce-afb0-
e8d435c6a13b
SM_V9_2 iris    exon    25969885        25970772        .       -
        .       Parent=Smp_128810.1;Name=e1a48d31-f82a-4687-
b919-33050e36fb43
SM_V9_2 iris    exon    25972602        25973711        .       -
        .       Parent=Smp_128810.1;Name=b309ebf8-0cdd-4330-8e65-
a01a182ddddb
SM_V9_2 iris    CDS     25968570        25969010        .       -
        0       Parent=Smp_128810.1
SM_V9_2 iris    CDS     25969885        25970772        .       -
        0       Parent=Smp_128810.1
SM_V9_2 iris    CDS     25972602        25973504        .       -
        0       Parent=Smp_128810.1
SM_V9_2 iris    gene    25975171        25979322        .       -
        .
ID=Smp_012400;geneID=Smp_012400;gene_name=Smp_012400;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    25975171        25979322        .       -
        .
ID=Smp_012400.1;Parent=Smp_012400;geneID=Smp_012400;gene_name=Smp_01
2400;owner=irisadmin@local.host;orig_id=Smp_012400.1;date_last_modif
ied=2022-07-31;Name=Smp_012400.1;product=Phosphatidylglycerophosphat
ase and protein-tyrosine phosphatase 1;date_creation=2022-07-30
SM_V9_2 iris    exon    25975171        25975519        .       -
        .       Parent=Smp_012400.1;Name=e22489ef-ccec-4a27-
b2b9-82c0dd3d9f79
SM_V9_2 iris    exon    25976248        25976588        .       -
        .       Parent=Smp_012400.1;Name=73066081-19f7-4537-
ab70-91d80bc721f9
SM_V9_2 iris    exon    25979029        25979322        .       -
        .       Parent=Smp_012400.1;Name=4cdb92e8-c80b-417d-87d6-
a34745a8b5e0
SM_V9_2 iris    CDS     25976325        25976588        .       -
        0       Parent=Smp_012400.1
SM_V9_2 iris    CDS     25979029        25979319        .       -
        0       Parent=Smp_012400.1
SM_V9_2 iris    gene    25980674        25986591        .       -
        .
ID=Smp_012410;geneID=Smp_012410;gene_name=Smp_012410;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
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SM_V9_2 iris    mRNA    25980674        25986591        .       -
       .
ID=Smp_012410.1;Parent=Smp_012410;geneID=Smp_012410;gene_name=Smp_01
2410;owner=irisadmin@local.host;orig_id=Smp_012410.1;date_last_modif
ied=2022-07-31;Name=Smp_012410.1;product=28S ribosomal protein S22,
mitochondrial;date_creation=2022-07-30
SM_V9_2 iris    exon    25980674        25980885        .       -
       .
Parent=Smp_012410.1;Name=6861595b-3eba-41a3-919f-873bb346e063
SM_V9_2 iris    exon    25981804        25982277        .       -
       .       Parent=Smp_012410.1;Name=ec48318e-43df-41f7-
aac1-82200fc4eebd
SM_V9_2 iris    exon    25983855        25984172        .       -
       .       Parent=Smp_012410.1;Name=19280852-628b-4347-87f1-
f03c6f6d83ed
SM_V9_2 iris    exon    25984212        25984390        .       -
       .       Parent=Smp_012410.1;Name=36091fd2-ddde-4bf2-a9bf-
e5ab8ee9b30f
SM_V9_2 iris    exon    25984422        25984590        .       -
       .
Parent=Smp_012410.1;Name=5f2593c8-81b1-4fae-8a49-26d85824560c
SM_V9_2 iris    exon    25986553        25986591        .       -
       .       Parent=Smp_012410.1;Name=77db777f-600e-409a-
aa8f-97af4eba6969
SM_V9_2 iris    CDS     25980778        25980885        .       -
       0       Parent=Smp_012410.1
SM_V9_2 iris    CDS     25981804        25982277        .       -
       0       Parent=Smp_012410.1
SM_V9_2 iris    CDS     25983855        25984172        .       -
       0       Parent=Smp_012410.1
SM_V9_2 iris    CDS     25984212        25984390        .       -
       2       Parent=Smp_012410.1
SM_V9_2 iris    CDS     25984422        25984470        .       -
       0       Parent=Smp_012410.1
SM_V9_2 iris    gene    26009073        26013380        .       +
       .
ID=Smp_128840;geneID=Smp_128840;gene_name=Smp_128840;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    26009073        26013380        .       +
       .
ID=Smp_128840.1;Parent=Smp_128840;geneID=Smp_128840;gene_name=Smp_12
8840;owner=irisadmin@local.host;orig_id=Smp_128840.1;date_last_modif
ied=2022-07-31;Name=Smp_128840.1;product=DNA-directed RNA polymerase
II subunit RPB7;date_creation=2022-07-30
SM_V9_2 iris    exon    26009073        26009139        .       +
       .       Parent=Smp_128840.1;Name=5222cc2c-fe80-49d8-b32a-
a5d145388ae5
SM_V9_2 iris    exon    26009179        26009288        .       +
       .       Parent=Smp_128840.1;Name=ed2b6204-3b08-4cf7-9b49-
a50f2f82ad34
SM_V9_2 iris    exon    26009322        26009532        .       +
       .
Parent=Smp_128840.1;Name=c340986d-7395-49b7-923f-0e5e09df3409
SM_V9_2 iris    exon    26009564        26009638        .       +
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        .       Parent=Smp_128840.1;Name=dbe26e23-1df2-44e3-
a74f-35430928baaa
SM_V9_2 iris    exon    26009730        26009801        .       +
        .       Parent=Smp_128840.1;Name=d65b1c3f-2280-4b29-97d6-
abccee0fcc2d
SM_V9_2 iris    exon    26011524        26011557        .       +
        .       Parent=Smp_128840.1;Name=6304be5b-355e-43a5-
ac5e-265c506b7236
SM_V9_2 iris    exon    26013200        26013380        .       +
        .       Parent=Smp_128840.1;Name=42c9e9c9-d3ee-4522-b153-
a4552b584dc9
SM_V9_2 iris    CDS     26009128        26009139        .       +
        0       Parent=Smp_128840.1
SM_V9_2 iris    CDS     26009179        26009288        .       +
        0       Parent=Smp_128840.1
SM_V9_2 iris    CDS     26009322        26009532        .       +
        1       Parent=Smp_128840.1
SM_V9_2 iris    CDS     26009564        26009638        .       +
        0       Parent=Smp_128840.1
SM_V9_2 iris    CDS     26009730        26009801        .       +
        0       Parent=Smp_128840.1
SM_V9_2 iris    CDS     26011524        26011557        .       +
        0       Parent=Smp_128840.1
SM_V9_2 iris    CDS     26013200        26013213        .       +
        2       Parent=Smp_128840.1
SM_V9_2 iris    gene    26086489        26096789        .       +
        .
ID=Smp_012440;geneID=Smp_012440;gene_name=Smp_012440;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26086489        26096789        .       +
        .
ID=Smp_012440.1;Parent=Smp_012440;geneID=Smp_012440;gene_name=Smp_01
2440;owner=irisadmin@local.host;orig_id=Smp_012440.1;date_last_modif
ied=2022-07-10;Name=Smp_012440.1;product=Solute carrier family 2,
facilitated glucose transporter member 1;date_creation=2022-07-10
SM_V9_2 iris    exon    26086489        26086546        .       +
        .       Parent=Smp_012440.1;Name=96ecac2b-97e4-4bfe-
b2fc-0d09108e6a0c
SM_V9_2 iris    exon    26087715        26087819        .       +
        .
Parent=Smp_012440.1;Name=8ab95c6e-5202-428b-96d9-9f92015b24c6
SM_V9_2 iris    exon    26089187        26089335        .       +
        .       Parent=Smp_012440.1;Name=d3e035ee-
b824-4c51-9fac-1ce832ea6090
SM_V9_2 iris    exon    26091222        26091813        .       +
        .       Parent=Smp_012440.1;Name=e0e1875a-5a0b-4794-95d9-
bd6ec84dbdf5
SM_V9_2 iris    exon    26093238        26093669        .       +
        .
Parent=Smp_012440.1;Name=f7421cf5-18ff-4768-9480-64c8dda07b9c
SM_V9_2 iris    exon    26095115        26096789        .       +
        .       Parent=Smp_012440.1;Name=6001461a-46cf-4789-
a895-8869e96f65d8
SM_V9_2 iris    CDS     26086532        26086546        .       +
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        0       Parent=Smp_012440.1
SM_V9_2 iris    CDS     26087715        26087819        .       +
        0       Parent=Smp_012440.1
SM_V9_2 iris    CDS     26089187        26089335        .       +
        0       Parent=Smp_012440.1
SM_V9_2 iris    CDS     26091222        26091813        .       +
        1       Parent=Smp_012440.1
SM_V9_2 iris    CDS     26093238        26093669        .       +
        0       Parent=Smp_012440.1
SM_V9_2 iris    CDS     26095115        26095387        .       +
        0       Parent=Smp_012440.1
SM_V9_2 Liftoff gene    26143665        26157476        .       +
        .       ID=Smp_105410;geneID=Smp_105410
SM_V9_2 Liftoff mRNA    26143665        26157476        .       +
        .
ID=Smp_105410.1;Parent=Smp_105410;geneID=Smp_105410;product=glucose
transport protein;evidence=Traceable Author
Statement;literature=PMID:8307988;polypeptide_domain=InterPro:IPR003
663,IPR005828,IPR005829,IPR020846
Pfam:PF00083;Ontology_term=GO:0005215,GO:0016020,GO:0016021,GO:00228
57,GO:0022891,GO:0055085
SM_V9_2 Liftoff exon    26143665        26143811        .       +
        .       Parent=Smp_105410.1
SM_V9_2 Liftoff exon    26149133        26149237        .       +
        .       Parent=Smp_105410.1
SM_V9_2 Liftoff exon    26150504        26150676        .       +
        .       Parent=Smp_105410.1
SM_V9_2 Liftoff exon    26151716        26152307        .       +
        .       Parent=Smp_105410.1
SM_V9_2 Liftoff exon    26153750        26154184        .       +
        .       Parent=Smp_105410.1
SM_V9_2 Liftoff exon    26156655        26157476        .       +
        .       Parent=Smp_105410.1
SM_V9_2 Liftoff CDS     26143803        26143811        .       +
        0       Parent=Smp_105410.1
SM_V9_2 Liftoff CDS     26149133        26149237        .       +
        0       Parent=Smp_105410.1
SM_V9_2 Liftoff CDS     26150504        26150676        .       +
        0       Parent=Smp_105410.1
SM_V9_2 Liftoff CDS     26151716        26152307        .       +
        1       Parent=Smp_105410.1
SM_V9_2 Liftoff CDS     26153750        26154184        .       +
        0       Parent=Smp_105410.1
SM_V9_2 Liftoff CDS     26156655        26156858        .       +
        0       Parent=Smp_105410.1
SM_V9_2 iris    gene    26170474        26181406        .       -
        .
ID=Smp_105420;geneID=Smp_105420;gene_name=Smp_105420;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    26170474        26181406        .       -
        .
ID=Smp_105420.1;Parent=Smp_105420;geneID=Smp_105420;gene_name=Smp_10
5420;owner=irisadmin@local.host;orig_id=Smp_105420.1;date_last_modif
ied=2022-07-31;Name=Smp_105420.1;product=(Liberian) LGG
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mRNA;date_creation=2022-07-30
SM_V9_2 iris    exon    26170474        26170630        .       -
        .       Parent=Smp_105420.1;Name=e0dd8f22-5929-443a-94e0-
b6d9e8b79d9f
SM_V9_2 iris    exon    26171615        26171658        .       -
        .       Parent=Smp_105420.1;Name=60fa61ef-6e5c-4255-9f6c-
c767b0a71061
SM_V9_2 iris    exon    26173229        26173306        .       -
        .       Parent=Smp_105420.1;Name=e16f4244-d8c4-4a6f-
b1f7-023bdd118630
SM_V9_2 iris    exon    26174323        26174447        .       -
        .       Parent=Smp_105420.1;Name=07717e02-28a2-4acd-ba55-
f6e6389abf04
SM_V9_2 iris    exon    26175715        26175772        .       -
        .       Parent=Smp_105420.1;Name=549369f8-66bc-4f94-
a1d5-3705b50e2e64
SM_V9_2 iris    exon    26175903        26175983        .       -
        .       Parent=Smp_105420.1;Name=d601279a-6bec-4b64-
bcb6-1fdb3f869c0f
SM_V9_2 iris    exon    26179029        26179162        .       -
        .       Parent=Smp_105420.1;Name=6de45516-1c0d-4818-
a4a3-4e1e2867a5ff
SM_V9_2 iris    exon    26180749        26180773        .       -
        .       Parent=Smp_105420.1;Name=101ff26c-
e617-42f1-8df0-225e20b83936
SM_V9_2 iris    exon    26181269        26181297        .       -
        .       Parent=Smp_105420.1;Name=a56958e5-ac1f-42ac-9f7b-
ae973a3dbaa2
SM_V9_2 iris    exon    26181345        26181406        .       -
        .       Parent=Smp_105420.1;Name=74570e6a-1af5-4dc7-
a087-27ea793d18be
SM_V9_2 iris    CDS     26171638        26171658        .       -
        0       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26173229        26173306        .       -
        0       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26174323        26174447        .       -
        2       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26175715        26175772        .       -
        0       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26175903        26175983        .       -
        0       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26179029        26179162        .       -
        2       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26180749        26180773        .       -
        0       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26181269        26181297        .       -
        2       Parent=Smp_105420.1
SM_V9_2 iris    CDS     26181345        26181384        .       -
        0       Parent=Smp_105420.1
SM_V9_2 iris    mRNA    26170474        26181406        .       -
        .
ID=Smp_105420.2;Parent=Smp_105420;geneID=Smp_105420;gene_name=Smp_10
5420;owner=irisadmin@local.host;date_last_modified=2022-07-31;Name=S
mp_105420.2;product=Prosaposin;date_creation=2022-07-30
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SM_V9_2 iris    exon    26170474        26170630        .       -
        .       Parent=Smp_105420.2;Name=77a54cbe-adaf-470d-
b9b2-7f41faefba95
SM_V9_2 iris    exon    26171615        26171658        .       -
        .       Parent=Smp_105420.2;Name=3e0d5f58-ca11-44f4-
b031-491aeeccbe77
SM_V9_2 iris    exon    26173229        26173306        .       -
        .
Parent=Smp_105420.2;Name=91e2185e-6486-4ff0-80b7-0c431af04820
SM_V9_2 iris    exon    26174323        26174447        .       -
        .       Parent=Smp_105420.2;Name=d89bb978-73ec-4cca-
bef5-2e2d6b870686
SM_V9_2 iris    exon    26175715        26175772        .       -
        .       Parent=Smp_105420.2;Name=302963cd-
a963-4803-920f-859776d8a25a
SM_V9_2 iris    exon    26175903        26175983        .       -
        .       Parent=Smp_105420.2;Name=f5a86522-48ac-4c81-
af85-724ffd0d7228
SM_V9_2 iris    exon    26179029        26179162        .       -
        .       Parent=Smp_105420.2;Name=300de88a-2dd7-48e1-8141-
d5d32d26557e
SM_V9_2 iris    exon    26181345        26181406        .       -
        .       Parent=Smp_105420.2;Name=a2b7566c-
e5ed-428e-8a3c-218fe64b09e9
SM_V9_2 iris    CDS     26171638        26171658        .       -
        0       Parent=Smp_105420.2
SM_V9_2 iris    CDS     26173229        26173306        .       -
        0       Parent=Smp_105420.2
SM_V9_2 iris    CDS     26174323        26174447        .       -
        2       Parent=Smp_105420.2
SM_V9_2 iris    CDS     26175715        26175772        .       -
        0       Parent=Smp_105420.2
SM_V9_2 iris    CDS     26175903        26175983        .       -
        0       Parent=Smp_105420.2
SM_V9_2 iris    CDS     26179029        26179162        .       -
        2       Parent=Smp_105420.2
SM_V9_2 iris    CDS     26181345        26181384        .       -
        0       Parent=Smp_105420.2
SM_V9_2 Liftoff gene    26187134        26192662        .       -
        .       ID=Smp_181060;geneID=Smp_181060
SM_V9_2 Liftoff mRNA    26187134        26192662        .       -
        .
ID=Smp_181060.1;Parent=Smp_181060;geneID=Smp_181060;product=Prosapos
in;polypeptide_domain=InterPro:IPR008139,IPR011001
SM_V9_2 Liftoff exon    26187134        26187313        .       -
        .       Parent=Smp_181060.1
SM_V9_2 Liftoff exon    26188758        26188835        .       -
        .       Parent=Smp_181060.1
SM_V9_2 Liftoff exon    26192192        26192380        .       -
        .       Parent=Smp_181060.1
SM_V9_2 Liftoff exon    26192422        26192453        .       -
        .       Parent=Smp_181060.1
SM_V9_2 Liftoff exon    26192498        26192662        .       -
        .       Parent=Smp_181060.1
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SM_V9_2 Liftoff CDS     26187293        26187313        .       -
        0       Parent=Smp_181060.1
SM_V9_2 Liftoff CDS     26188758        26188835        .       -
        0       Parent=Smp_181060.1
SM_V9_2 Liftoff CDS     26192192        26192380        .       -
        0       Parent=Smp_181060.1
SM_V9_2 Liftoff CDS     26192422        26192453        .       -
        2       Parent=Smp_181060.1
SM_V9_2 Liftoff CDS     26192498        26192534        .       -
        0       Parent=Smp_181060.1
SM_V9_2 Liftoff gene    26197385        26203386        .       +
        .       ID=Smp_181070;geneID=Smp_181070
SM_V9_2 Liftoff mRNA    26197385        26203386        .       +
        .
ID=Smp_181070.1;Parent=Smp_181070;geneID=Smp_181070;product=Probable
NAD(P)H-dependent D-xylose reductase
xyl1;polypeptide_domain=InterPro:IPR011001
SM_V9_2 Liftoff exon    26197385        26197531        .       +
        .       Parent=Smp_181070.1
SM_V9_2 Liftoff exon    26197582        26197610        .       +
        .       Parent=Smp_181070.1
SM_V9_2 Liftoff exon    26199800        26199836        .       +
        .       Parent=Smp_181070.1
SM_V9_2 Liftoff exon    26199887        26200011        .       +
        .       Parent=Smp_181070.1
SM_V9_2 Liftoff exon    26201248        26201325        .       +
        .       Parent=Smp_181070.1
SM_V9_2 Liftoff exon    26202279        26203386        .       +
        .       Parent=Smp_181070.1
SM_V9_2 Liftoff CDS     26197492        26197531        .       +
        0       Parent=Smp_181070.1
SM_V9_2 Liftoff CDS     26197582        26197610        .       +
        2       Parent=Smp_181070.1
SM_V9_2 Liftoff CDS     26199800        26199836        .       +
        0       Parent=Smp_181070.1
SM_V9_2 Liftoff CDS     26199887        26200011        .       +
        2       Parent=Smp_181070.1
SM_V9_2 Liftoff CDS     26201248        26201325        .       +
        0       Parent=Smp_181070.1
SM_V9_2 Liftoff CDS     26202279        26202314        .       +
        0       Parent=Smp_181070.1
SM_V9_2 Liftoff gene    26206835        26211151        .       +
        .       ID=Smp_328220;geneID=Smp_328220
SM_V9_2 Liftoff mRNA    26206835        26211151        .       +
        .
ID=Smp_328220.1;Parent=Smp_328220;geneID=Smp_328220;product=Prosapos
in;polypeptide_domain=InterPro:IPR008139,IPR011001
SM_V9_2 Liftoff exon    26206835        26207013        .       +
        .       Parent=Smp_328220.1
SM_V9_2 Liftoff exon    26207061        26207089        .       +
        .       Parent=Smp_328220.1
SM_V9_2 Liftoff exon    26209521        26209584        .       +
        .       Parent=Smp_328220.1
SM_V9_2 Liftoff exon    26209621        26209745        .       +
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        .       Parent=Smp_328220.1
SM_V9_2 Liftoff exon    26210474        26210551        .       +
        .       Parent=Smp_328220.1
SM_V9_2 Liftoff exon    26211078        26211151        .       +
        .       Parent=Smp_328220.1
SM_V9_2 Liftoff CDS     26206974        26207013        .       +
        0       Parent=Smp_328220.1
SM_V9_2 Liftoff CDS     26207061        26207089        .       +
        2       Parent=Smp_328220.1
SM_V9_2 Liftoff CDS     26209521        26209584        .       +
        0       Parent=Smp_328220.1
SM_V9_2 Liftoff CDS     26209621        26209745        .       +
        2       Parent=Smp_328220.1
SM_V9_2 Liftoff CDS     26210474        26210551        .       +
        0       Parent=Smp_328220.1
SM_V9_2 Liftoff CDS     26211078        26211098        .       +
        0       Parent=Smp_328220.1
SM_V9_2 iris    gene    26215695        26220752        .       +
        .
ID=Smp_105450;geneID=Smp_105450;gene_name=Smp_105450;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    26215695        26220752        .       +
        .
ID=Smp_105450.1;Parent=Smp_105450;geneID=Smp_105450;gene_name=Smp_10
5450;owner=irisadmin@local.host;orig_id=Smp_105450.1;date_last_modif
ied=2022-07-31;Name=Smp_105450.1;product=UPF0587 protein
GA18326;date_creation=2022-07-30
SM_V9_2 iris    exon    26215695        26215752        .       +
        .       Parent=Smp_105450.1;Name=4315ecca-6a7b-468a-b510-
fc4b4c556c5f
SM_V9_2 iris    exon    26215817        26215845        .       +
        .       Parent=Smp_105450.1;Name=8b074e2e-3313-4f51-9bf5-
b28c93f299cf
SM_V9_2 iris    exon    26217650        26217707        .       +
        .       Parent=Smp_105450.1;Name=9303db94-02d4-4e28-996b-
f245b10ccafb
SM_V9_2 iris    exon    26217755        26217879        .       +
        .       Parent=Smp_105450.1;Name=fa94eccd-a1bc-4279-
bc1d-22241be18c0d
SM_V9_2 iris    exon    26219578        26219655        .       +
        .       Parent=Smp_105450.1;Name=17341957-77ad-422a-a989-
f28626aac59b
SM_V9_2 iris    exon    26220635        26220752        .       +
        .       Parent=Smp_105450.1;Name=5e67086e-fb0c-413a-b3c0-
f8034c999c57
SM_V9_2 iris    CDS     26215716        26215752        .       +
        0       Parent=Smp_105450.1
SM_V9_2 iris    CDS     26215817        26215845        .       +
        2       Parent=Smp_105450.1
SM_V9_2 iris    CDS     26217650        26217707        .       +
        0       Parent=Smp_105450.1
SM_V9_2 iris    CDS     26217755        26217879        .       +
        2       Parent=Smp_105450.1
SM_V9_2 iris    CDS     26219578        26219655        .       +
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        0       Parent=Smp_105450.1
SM_V9_2 iris    CDS     26220635        26220652        .       +
        0       Parent=Smp_105450.1
SM_V9_2 iris    gene    26230952        26347969        .       +
        .
ID=Smp_181080;geneID=Smp_181080;gene_name=Smp_181080;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26230952        26347969        .       +
        .
ID=Smp_181080.1;Parent=Smp_181080;geneID=Smp_181080;gene_name=Smp_18
1080;owner=irisadmin@local.host;orig_id=Smp_181080.1;date_last_modif
ied=2022-07-10;Name=Smp_181080.1;product=Shb-like
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    26230952        26231027        .       +
        .       Parent=Smp_181080.1;Name=c2c5e1c1-98bd-41d6-9bb3-
d92fb8c3b829
SM_V9_2 iris    exon    26233863        26233961        .       +
        .
Parent=Smp_181080.1;Name=d0880de1-4c02-45f2-93a4-97c719fd3d9c
SM_V9_2 iris    exon    26287629        26287753        .       +
        .       Parent=Smp_181080.1;Name=b019da66-c9c8-42c8-
ae95-02750a80bb28
SM_V9_2 iris    exon    26324242        26324435        .       +
        .       Parent=Smp_181080.1;Name=2a5b7277-
abde-49bf-85df-0ed612c5d4b8
SM_V9_2 iris    exon    26325248        26325783        .       +
        .       Parent=Smp_181080.1;Name=390d7d5d-26ac-49d2-
be89-1c54bf85932d
SM_V9_2 iris    exon    26328569        26329033        .       +
        .       Parent=Smp_181080.1;Name=fe3f06e3-b340-42ea-
b504-9512e185337a
SM_V9_2 iris    exon    26332876        26333878        .       +
        .       Parent=Smp_181080.1;Name=ef5c56d7-6d1f-410a-a2f7-
b3248fadd85b
SM_V9_2 iris    exon    26338098        26338992        .       +
        .       Parent=Smp_181080.1;Name=504db8a5-a2d2-4c17-80f5-
c37ce1d228bc
SM_V9_2 iris    exon    26343630        26343749        .       +
        .
Parent=Smp_181080.1;Name=604bd8f0-21d6-4966-93a9-06845ddbffe3
SM_V9_2 iris    exon    26345600        26347969        .       +
        .       Parent=Smp_181080.1;Name=907e2e5c-d3b5-4133-b89e-
ee814d2411ee
SM_V9_2 iris    CDS     26287683        26287753        .       +
        0       Parent=Smp_181080.1
SM_V9_2 iris    CDS     26324242        26324435        .       +
        1       Parent=Smp_181080.1
SM_V9_2 iris    CDS     26325248        26325783        .       +
        2       Parent=Smp_181080.1
SM_V9_2 iris    CDS     26328569        26329033        .       +
        0       Parent=Smp_181080.1
SM_V9_2 iris    CDS     26332876        26333878        .       +
        0       Parent=Smp_181080.1
SM_V9_2 iris    CDS     26338098        26338992        .       +
```

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        2       Parent=Smp_181080.1
SM_V9_2 iris    CDS     26343630        26343749        .       +
        1       Parent=Smp_181080.1
SM_V9_2 iris    CDS     26345600        26345795        .       +
        1       Parent=Smp_181080.1
SM_V9_2 iris    mRNA    26308845        26347969        .       +
        .
ID=Smp_181080.2;Parent=Smp_181080;geneID=Smp_181080;gene_name=Smp_18
1080;owner=irisadmin@local.host;orig_id=Smp_181080.2;date_last_modif
ied=2022-07-10;Name=Smp_181080.2;product=SH2 domain-containing
adapter protein F;date_creation=2022-07-10
SM_V9_2 iris    exon    26308845        26309114        .       +
        .       Parent=Smp_181080.2;Name=c78a7179-dcbd-446b-
b7a4-1d80dbdbf7b9
SM_V9_2 iris    exon    26324242        26324435        .       +
        .       Parent=Smp_181080.2;Name=6b4331f5-6783-4e95-
bde1-5a8e5faaa9ff
SM_V9_2 iris    exon    26325248        26325783        .       +
        .
Parent=Smp_181080.2;Name=c46245a0-2e43-4b8f-98ca-98ee59d6cdbe
SM_V9_2 iris    exon    26328569        26329033        .       +
        .       Parent=Smp_181080.2;Name=0cfe81da-73c6-473a-a493-
eaa446faae53
SM_V9_2 iris    exon    26332876        26333878        .       +
        .       Parent=Smp_181080.2;Name=56ad9a8c-4c92-4a76-8e99-
e408b6802532
SM_V9_2 iris    exon    26338098        26338992        .       +
        .       Parent=Smp_181080.2;Name=83d10cc4-4b6c-49c3-99e2-
d9079a7690c5
SM_V9_2 iris    exon    26343630        26343749        .       +
        .       Parent=Smp_181080.2;Name=83217d64-82b9-4511-b872-
e6d41d98a676
SM_V9_2 iris    exon    26345600        26347969        .       +
        .       Parent=Smp_181080.2;Name=3f5cb5df-761f-4a90-a697-
b5ee7df593a2
SM_V9_2 iris    CDS     26309113        26309114        .       +
        0       Parent=Smp_181080.2
SM_V9_2 iris    CDS     26324242        26324435        .       +
        1       Parent=Smp_181080.2
SM_V9_2 iris    CDS     26325248        26325783        .       +
        2       Parent=Smp_181080.2
SM_V9_2 iris    CDS     26328569        26329033        .       +
        0       Parent=Smp_181080.2
SM_V9_2 iris    CDS     26332876        26333878        .       +
        0       Parent=Smp_181080.2
SM_V9_2 iris    CDS     26338098        26338992        .       +
        2       Parent=Smp_181080.2
SM_V9_2 iris    CDS     26343630        26343749        .       +
        1       Parent=Smp_181080.2
SM_V9_2 iris    CDS     26345600        26345795        .       +
        1       Parent=Smp_181080.2
SM_V9_2 Liftoff gene    26350714        26358981        .       -
        .       ID=Smp_105480;geneID=Smp_105480
SM_V9_2 Liftoff mRNA    26350714        26358981        .       -
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        .
ID=Smp_105480.1;Parent=Smp_105480;geneID=Smp_105480;product=ADP-
ribosylation factor-like protein
6;polypeptide_domain=InterPro:IPR005225,IPR006689,IPR024156,IPR02741
7 Pfam:PF00025;Ontology_term=GO:0005525,GO:0005622,GO:0007264
SM_V9_2 Liftoff exon    26350714        26358981        .       -
        .       Parent=Smp_105480.1
SM_V9_2 Liftoff CDS     26351221        26351781        .       -
        0       Parent=Smp_105480.1
SM_V9_2 Liftoff gene    26368372        26373554        .       +
        .       ID=Smp_181090;geneID=Smp_181090
SM_V9_2 Liftoff mRNA    26368372        26373554        .       +
        .
ID=Smp_181090.1;Parent=Smp_181090;geneID=Smp_181090;product=tRNA
methyltransferase 10 homolog
B;polypeptide_domain=InterPro:IPR016009,IPR028564 Pfam:PF01746
SM_V9_2 Liftoff exon    26368372        26369828        .       +
        .       Parent=Smp_181090.1
SM_V9_2 Liftoff exon    26369866        26370101        .       +
        .       Parent=Smp_181090.1
SM_V9_2 Liftoff exon    26370136        26370288        .       +
        .       Parent=Smp_181090.1
SM_V9_2 Liftoff exon    26371377        26371526        .       +
        .       Parent=Smp_181090.1
SM_V9_2 Liftoff exon    26373357        26373554        .       +
        .       Parent=Smp_181090.1
SM_V9_2 Liftoff CDS     26369786        26369828        .       +
        0       Parent=Smp_181090.1
SM_V9_2 Liftoff CDS     26369866        26370101        .       +
        2       Parent=Smp_181090.1
SM_V9_2 Liftoff CDS     26370136        26370288        .       +
        0       Parent=Smp_181090.1
SM_V9_2 Liftoff CDS     26371377        26371526        .       +
        0       Parent=Smp_181090.1
SM_V9_2 Liftoff CDS     26373357        26373554        .       +
        0       Parent=Smp_181090.1
SM_V9_2 Liftoff mRNA    26368663        26371882        .       +
        .
ID=Smp_181090.2;Parent=Smp_181090;geneID=Smp_181090;product=tRNA
methyltransferase 10 homolog B;polypeptide_domain=InterPro:IPR028564
SM_V9_2 Liftoff exon    26368663        26369828        .       +
        .       Parent=Smp_181090.2
SM_V9_2 Liftoff exon    26369866        26370101        .       +
        .       Parent=Smp_181090.2
SM_V9_2 Liftoff exon    26370136        26371882        .       +
        .       Parent=Smp_181090.2
SM_V9_2 Liftoff CDS     26369786        26369828        .       +
        0       Parent=Smp_181090.2
SM_V9_2 Liftoff CDS     26369866        26370101        .       +
        2       Parent=Smp_181090.2
SM_V9_2 Liftoff CDS     26370136        26370303        .       +
        0       Parent=Smp_181090.2
SM_V9_2 Liftoff gene    26372603        26374191        .       -
        .
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ID=Smp_346690;geneID=Smp_346690;previous_systematic_id=Smp_181100
SM_V9_2 Liftoff mRNA    26372603        26374191        .       -
        .
ID=Smp_346690.1;Parent=Smp_346690;geneID=Smp_346690;product=Oligosac
charyltransferase complex subunit ostc-B
SM_V9_2 Liftoff exon    26372603        26373726        .       -
        .       Parent=Smp_346690.1
SM_V9_2 Liftoff exon    26373763        26373980        .       -
        .       Parent=Smp_346690.1
SM_V9_2 Liftoff exon    26374017        26374191        .       -
        .       Parent=Smp_346690.1
SM_V9_2 Liftoff CDS     26373711        26373726        .       -
        1       Parent=Smp_346690.1
SM_V9_2 Liftoff CDS     26373763        26373980        .       -
        0       Parent=Smp_346690.1
SM_V9_2 Liftoff CDS     26374017        26374076        .       -
        0       Parent=Smp_346690.1
SM_V9_2 iris    gene    26387180        26418675        .       -
        .
ID=Smp_181120;geneID=Smp_181120;gene_name=Smp_181120;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26387180        26418675        .       -
        .
ID=Smp_181120.1;Parent=Smp_181120;geneID=Smp_181120;gene_name=Smp_18
1120;owner=irisadmin@local.host;orig_id=Smp_181120.2;date_last_modif
ied=2022-07-10;Name=Smp_181120.1;product=Amyloid protein-binding
protein 2;date_creation=2022-07-10
SM_V9_2 iris    exon    26387180        26388053        .       -
        .       Parent=Smp_181120.1;Name=b038a228-0ff6-4a34-a89c-
c67cdfc17bca
SM_V9_2 iris    exon    26390796        26390961        .       -
        .
Parent=Smp_181120.1;Name=5802c043-6440-4ef2-89d8-931fc4e3822e
SM_V9_2 iris    exon    26394855        26394935        .       -
        .
Parent=Smp_181120.1;Name=96420cc9-1306-44ee-99a8-86e7b3d09eb6
SM_V9_2 iris    exon    26398691        26398800        .       -
        .       Parent=Smp_181120.1;Name=4b791261-5efc-43ce-
b87b-0be8fb35a5a8
SM_V9_2 iris    exon    26402035        26402245        .       -
        .       Parent=Smp_181120.1;Name=76e9e69a-f3ad-41de-
b858-639031483c40
SM_V9_2 iris    exon    26407521        26407626        .       -
        .       Parent=Smp_181120.1;Name=ca64da86-098c-4bd4-
a4e8-8aaf0f0c829a
SM_V9_2 iris    exon    26412831        26413147        .       -
        .       Parent=Smp_181120.1;Name=710b7cc7-500e-40d8-
ac25-946e458c22e0
SM_V9_2 iris    exon    26414273        26414615        .       -
        .       Parent=Smp_181120.1;Name=7f077d61-e980-4f2c-b37f-
cb6db280fc59
SM_V9_2 iris    exon    26415674        26415989        .       -
        .
Parent=Smp_181120.1;Name=64fafc3d-5a5c-4827-8f29-6d4e83fa4113
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SM_V9_2 iris    exon    26417869        26417942        .       -
        .       Parent=Smp_181120.1;Name=f924c87e-dfa3-47d3-bbea-
f72d78cc17d7
SM_V9_2 iris    exon    26417978        26418120        .       -
        .       Parent=Smp_181120.1;Name=583142be-d393-42f3-9cea-
f139a2b4cc38
SM_V9_2 iris    exon    26418154        26418675        .       -
        .       Parent=Smp_181120.1;Name=6bc0cb22-c4f1-4e9e-b7be-
bb110a1dba25
SM_V9_2 iris    CDS     26387647        26388053        .       -
        2       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26390796        26390961        .       -
        0       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26394855        26394935        .       -
        0       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26398691        26398800        .       -
        2       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26402035        26402245        .       -
        0       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26407521        26407626        .       -
        1       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26412831        26413147        .       -
        0       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26414273        26414615        .       -
        1       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26415674        26415989        .       -
        2       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26417869        26417942        .       -
        1       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26417978        26418120        .       -
        0       Parent=Smp_181120.1
SM_V9_2 iris    CDS     26418154        26418282        .       -
        0       Parent=Smp_181120.1
SM_V9_2 iris    gene    26437059        26452188        .       -
        .
ID=Smp_181130;geneID=Smp_181130;gene_name=Smp_181130;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26437059        26452188        .       -
        .
ID=Smp_181130.1;Parent=Smp_181130;geneID=Smp_181130;gene_name=Smp_18
1130;owner=irisadmin@local.host;orig_id=Smp_181130.1;date_last_modif
ied=2022-07-18;Name=Smp_181130.1;product=Uncharacterized protein
C6orf136 homolog;date_creation=2022-07-10
SM_V9_2 iris    exon    26437059        26438846        .       -
        .
Parent=Smp_181130.1;Name=f75d0914-87ab-4b58-8f3a-2fe9e9d7f38f
SM_V9_2 iris    exon    26443023        26443092        .       -
        .       Parent=Smp_181130.1;Name=defccab1-c0d0-4ffc-
ae17-29bfcd00b1f6
SM_V9_2 iris    exon    26444457        26444672        .       -
        .       Parent=Smp_181130.1;Name=c399f995-7e2b-4420-
b727-26e06094ef72
SM_V9_2 iris    exon    26450023        26450461        .       -
        .       Parent=Smp_181130.1;Name=7e579dfe-
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cfff-4251-8a69-9dc823653412
SM_V9_2 iris    exon    26452157        26452188        .       -
        .       Parent=Smp_181130.1;Name=c3c1a645-17a5-42a0-9dfe-
fd5a9e2050f8
SM_V9_2 iris    CDS     26438166        26438846        .       -
        0       Parent=Smp_181130.1
SM_V9_2 iris    CDS     26443023        26443092        .       -
        1       Parent=Smp_181130.1
SM_V9_2 iris    CDS     26444457        26444672        .       -
        1       Parent=Smp_181130.1
SM_V9_2 iris    CDS     26450023        26450447        .       -
        0       Parent=Smp_181130.1
SM_V9_2 Liftoff gene    26460052        26475844        .       +
        .       ID=Smp_105540;geneID=Smp_105540
SM_V9_2 Liftoff mRNA    26460052        26475844        .       +
        .
ID=Smp_105540.1;Parent=Smp_105540;geneID=Smp_105540;product=SH2
domain-containing protein
5;polypeptide_domain=InterPro:IPR000980,IPR006020,IPR011993
Pfam:PF00017,PF00640;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    26460052        26460247        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26460287        26460367        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26461430        26461504        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26461633        26461779        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26462879        26463081        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26464479        26464676        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26468424        26468792        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26469248        26469749        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26471626        26471859        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff exon    26474151        26475844        .       +
        .       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26460212        26460247        .       +
        0       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26460287        26460367        .       +
        0       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26461430        26461504        .       +
        0       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26461633        26461779        .       +
        0       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26462879        26463081        .       +
        0       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26464479        26464676        .       +
        1       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26468424        26468792        .       +
        1       Parent=Smp_105540.1
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SM_V9_2 Liftoff CDS     26469248        26469749        .       +
        1       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26471626        26471859        .       +
        0       Parent=Smp_105540.1
SM_V9_2 Liftoff CDS     26474151        26474531        .       +
        0       Parent=Smp_105540.1
SM_V9_2 iris    gene    26478635        26528408        .       -
        .
ID=Smp_135460;geneID=Smp_135460;gene_name=Smp_135460;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26478635        26528408        .       -
        .
ID=Smp_135460.1;Parent=Smp_135460;geneID=Smp_135460;gene_name=Smp_13
5460;owner=irisadmin@local.host;orig_id=Smp_135460.2;date_last_modif
ied=2022-07-10;Name=Smp_135460.1;product=Hypothetical
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    26478635        26478937        .       -
        .       Parent=Smp_135460.1;Name=240ce764-
efd9-4061-8e9e-43b4cb514953
SM_V9_2 iris    exon    26479856        26480398        .       -
        .       Parent=Smp_135460.1;Name=17c32a16-e46c-483b-
bb1d-00811aa48bb7
SM_V9_2 iris    exon    26481114        26481403        .       -
        .       Parent=Smp_135460.1;Name=8ef73c58-f64f-40f2-873e-
b3b6afbc9155
SM_V9_2 iris    exon    26483140        26483355        .       -
        .
Parent=Smp_135460.1;Name=e97b5c75-89bd-47d3-88be-6c9f5309fa73
SM_V9_2 iris    exon    26484095        26484392        .       -
        .       Parent=Smp_135460.1;Name=06e11955-18e9-4d83-924d-
f829f003a31f
SM_V9_2 iris    exon    26490408        26490971        .       -
        .       Parent=Smp_135460.1;Name=99f5dc00-7cc9-4889-
a024-2f431a60d9f1
SM_V9_2 iris    exon    26494225        26494473        .       -
        .
Parent=Smp_135460.1;Name=9d7e082a-9ea4-41df-8197-7f6e4c0c6fd2
SM_V9_2 iris    exon    26494574        26494613        .       -
        .       Parent=Smp_135460.1;Name=831ba4a4-b40f-404d-b635-
e265541e1272
SM_V9_2 iris    exon    26494776        26494969        .       -
        .       Parent=Smp_135460.1;Name=4f8b48c9-55b5-4437-
bc03-1e11cdd0a590
SM_V9_2 iris    exon    26496759        26497209        .       -
        .       Parent=Smp_135460.1;Name=8aefffa8-b4ce-41a7-
b22c-730807acb099
SM_V9_2 iris    exon    26500082        26500230        .       -
        .       Parent=Smp_135460.1;Name=6cd3ef84-2b54-4b02-
af79-11d269870085
SM_V9_2 iris    exon    26507913        26508994        .       -
        .       Parent=Smp_135460.1;Name=de7f7c09-2eed-4245-
a2e6-8728b4fdc019
SM_V9_2 iris    exon    26510847        26510895        .       -
        .       Parent=Smp_135460.1;Name=dca0e61a-9ef2-4851-
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b0b4-89a6f119c62d
SM_V9_2 iris    exon    26516929        26516970        .       -
        .       Parent=Smp_135460.1;Name=272b63e9-0d91-4ec6-
b5ed-115a80b6b862
SM_V9_2 iris    exon    26520912        26520984        .       -
        .
Parent=Smp_135460.1;Name=7248482b-95c8-488d-9312-86fda49cc372
SM_V9_2 iris    exon    26524342        26524796        .       -
        .       Parent=Smp_135460.1;Name=bf8401e5-
a819-4ff9-9a2f-1dd1678b6535
SM_V9_2 iris    exon    26527977        26528408        .       -
        .       Parent=Smp_135460.1;Name=b825555c-
bee8-4f18-8503-3378acd6cd26
SM_V9_2 iris    CDS     26478842        26478937        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26479856        26480398        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26481114        26481403        .       -
        2       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26483140        26483355        .       -
        2       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26484095        26484392        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26490408        26490971        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26494225        26494473        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26494574        26494613        .       -
        1       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26494776        26494969        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26496759        26497209        .       -
        1       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26500082        26500230        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26507913        26508994        .       -
        2       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26510847        26510895        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26516929        26516970        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26520912        26520984        .       -
        1       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26524342        26524796        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    CDS     26527977        26528156        .       -
        0       Parent=Smp_135460.1
SM_V9_2 iris    gene    26543352        26547504        .       +
        .
ID=Smp_024520;geneID=Smp_024520;gene_name=Smp_024520;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26543352        26547504        .       +
        .
ID=Smp_024520.1;Parent=Smp_024520;geneID=Smp_024520;gene_name=Smp_02
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4520;owner=irisadmin@local.host;orig_id=Smp_024520.1;date_last_modif
ied=2022-07-10;Name=Smp_024520.1;product=Rab GDP dissociation
inhibitor alpha;date_creation=2022-07-10
SM_V9_2 iris    exon    26543352        26543450        .       +
        .       Parent=Smp_024520.1;Name=efea5640-35a6-4253-863d-
f40a6d449410
SM_V9_2 iris    exon    26543494        26543695        .       +
        .
Parent=Smp_024520.1;Name=972bf109-1ef1-43e0-820c-5c5974df51ec
SM_V9_2 iris    exon    26543733        26543867        .       +
        .       Parent=Smp_024520.1;Name=b310b1bb-
f5fd-4565-84a0-2fb9fef85f85
SM_V9_2 iris    exon    26543903        26544075        .       +
        .       Parent=Smp_024520.1;Name=d99b426f-c5f7-4afe-
ae1d-183f30c5332f
SM_V9_2 iris    exon    26544256        26544600        .       +
        .       Parent=Smp_024520.1;Name=d43b914f-c6cf-444e-
b708-039a2346cf00
SM_V9_2 iris    exon    26545094        26545196        .       +
        .
Parent=Smp_024520.1;Name=85b0f9e5-127b-4136-8bbc-18e741402f78
SM_V9_2 iris    exon    26545243        26545442        .       +
        .       Parent=Smp_024520.1;Name=2cc191df-
c668-441c-91e3-976710153ee6
SM_V9_2 iris    exon    26546770        26547504        .       +
        .       Parent=Smp_024520.1;Name=143425f6-c390-485e-
bc79-3189358ceaa1
SM_V9_2 iris    CDS     26543406        26543450        .       +
        0       Parent=Smp_024520.1
SM_V9_2 iris    CDS     26543494        26543695        .       +
        0       Parent=Smp_024520.1
SM_V9_2 iris    CDS     26543733        26543867        .       +
        2       Parent=Smp_024520.1
SM_V9_2 iris    CDS     26543903        26544075        .       +
        2       Parent=Smp_024520.1
SM_V9_2 iris    CDS     26544256        26544600        .       +
        0       Parent=Smp_024520.1
SM_V9_2 iris    CDS     26545094        26545196        .       +
        0       Parent=Smp_024520.1
SM_V9_2 iris    CDS     26545243        26545442        .       +
        2       Parent=Smp_024520.1
SM_V9_2 iris    CDS     26546770        26546907        .       +
        0       Parent=Smp_024520.1
SM_V9_2 iris    gene    26614289        26621958        .       -
        .
ID=Smp_094420;geneID=Smp_094420;gene_name=Smp_094420;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26614289        26621958        .       -
        .
ID=Smp_094420.1;Parent=Smp_094420;geneID=Smp_094420;gene_name=Smp_09
4420;owner=irisadmin@local.host;orig_id=Smp_094420.1;date_last_modif
ied=2022-07-10;Name=Smp_094420.1;product=Rab GDP dissociation
inhibitor alpha;date_creation=2022-07-10
SM_V9_2 iris    exon    26614289        26614971        .       -
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        .       Parent=Smp_094420.1;Name=414adfd2-7a1b-458e-a137-
a2c81a153197
SM_V9_2 iris    exon    26616335        26616534        .       -
        .       Parent=Smp_094420.1;Name=55eeb8a6-e399-4b49-
a722-09a37031e548
SM_V9_2 iris    exon    26616578        26616680        .       -
        .       Parent=Smp_094420.1;Name=1f8f52b1-e439-40ac-
a650-0b0e9ec97467
SM_V9_2 iris    exon    26617744        26618088        .       -
        .       Parent=Smp_094420.1;Name=81351b7b-5987-4048-
bc77-88bbcb5d0fe8
SM_V9_2 iris    exon    26621239        26621411        .       -
        .       Parent=Smp_094420.1;Name=7175b6dd-cffd-4c90-ba40-
d56bfd750198
SM_V9_2 iris    exon    26621445        26621579        .       -
        .       Parent=Smp_094420.1;Name=3d9f44d9-a1c4-4928-b217-
d692c7d8ee09
SM_V9_2 iris    exon    26621615        26621819        .       -
        .       Parent=Smp_094420.1;Name=329afd62-9ae2-45ed-
b981-0f8c837c2185
SM_V9_2 iris    exon    26621859        26621958        .       -
        .
Parent=Smp_094420.1;Name=fb215206-9eaa-4d2c-959b-8b73e45febed
SM_V9_2 iris    CDS     26614834        26614971        .       -
        0       Parent=Smp_094420.1
SM_V9_2 iris    CDS     26616335        26616534        .       -
        2       Parent=Smp_094420.1
SM_V9_2 iris    CDS     26616578        26616680        .       -
        0       Parent=Smp_094420.1
SM_V9_2 iris    CDS     26617744        26618088        .       -
        0       Parent=Smp_094420.1
SM_V9_2 iris    CDS     26621239        26621411        .       -
        2       Parent=Smp_094420.1
SM_V9_2 iris    CDS     26621445        26621579        .       -
        2       Parent=Smp_094420.1
SM_V9_2 iris    CDS     26621615        26621819        .       -
        0       Parent=Smp_094420.1
SM_V9_2 iris    CDS     26621859        26621903        .       -
        0       Parent=Smp_094420.1
SM_V9_2 Liftoff gene    26626172        26639438        .       +
        .       ID=Smp_173880;geneID=Smp_173880
SM_V9_2 Liftoff mRNA    26626172        26639438        .       +
        .
ID=Smp_173880.1;Parent=Smp_173880;geneID=Smp_173880;product=Cell
cycle checkpoint control protein
RAD9A;polypeptide_domain=InterPro:IPR007268
Pfam:PF04139;Ontology_term=GO:0000077,GO:0030896
SM_V9_2 Liftoff exon    26626172        26626277        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26626314        26626384        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26626422        26626550        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26626583        26626797        .       +
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        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26626827        26626930        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26626971        26627074        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26632716        26632960        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26634142        26634310        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26635596        26635649        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff exon    26639039        26639438        .       +
        .       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26626244        26626277        .       +
        0       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26626314        26626384        .       +
        2       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26626422        26626550        .       +
        0       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26626583        26626797        .       +
        0       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26626827        26626930        .       +
        1       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26626971        26627074        .       +
        2       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26632716        26632960        .       +
        0       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26634142        26634310        .       +
        1       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26635596        26635649        .       +
        0       Parent=Smp_173880.1
SM_V9_2 Liftoff CDS     26639039        26639251        .       +
        0       Parent=Smp_173880.1
SM_V9_2 Liftoff gene    26641267        26737818        .       -
        .
ID=Smp_346250;geneID=Smp_346250;previous_systematic_id=Smp_173870
SM_V9_2 Liftoff mRNA    26641267        26737818        .       -
        .
ID=Smp_346250.1;Parent=Smp_346250;geneID=Smp_346250;product=Anosmin-
1;polypeptide_domain=InterPro:IPR003961,IPR013783
Pfam:PF00041;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    26641267        26641894        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26643795        26643915        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26644926        26645347        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26647379        26647613        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26648815        26648948        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26651602        26651733        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26653219        26653318        .       -
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        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26654097        26654153        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26658683        26658760        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26663704        26663961        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26665564        26665907        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff exon    26668961        26737818        .       -
        .       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26641794        26641894        .       -
        2       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26643795        26643915        .       -
        0       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26644926        26645347        .       -
        2       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26647379        26647613        .       -
        0       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26648815        26648948        .       -
        2       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26651602        26651733        .       -
        2       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26653219        26653318        .       -
        0       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26654097        26654153        .       -
        0       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26658683        26658760        .       -
        0       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26663704        26663961        .       -
        0       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26665564        26665907        .       -
        2       Parent=Smp_346250.1
SM_V9_2 Liftoff CDS     26668961        26669234        .       -
        0       Parent=Smp_346250.1
SM_V9_2 iris    gene    26824222        26843054        .       -
        .
ID=Smp_148510;geneID=Smp_148510;gene_name=Smp_148510;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26824222        26843052        .       -
        .
ID=Smp_148510.2;Parent=Smp_148510;geneID=Smp_148510;gene_name=Smp_14
8510;owner=irisadmin@local.host;orig_id=Smp_148510.2;date_last_modif
ied=2022-07-10;Name=Smp_148510.2;product=Protein phosphatase
1B;date_creation=2022-07-10
SM_V9_2 iris    exon    26824222        26825777        .       -
        .       Parent=Smp_148510.2;Name=61a92575-f9d2-4742-8860-
b09e45851237
SM_V9_2 iris    exon    26827617        26827722        .       -
        .       Parent=Smp_148510.2;Name=96ea8a49-3279-47df-85a0-
a549065cb232
SM_V9_2 iris    exon    26830733        26830850        .       -
        .       Parent=Smp_148510.2;Name=0c6ff0cb-48f0-45d7-
b555-30278fe3994c
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SM_V9_2 iris    exon    26835654        26835903        .       -
        .       Parent=Smp_148510.2;Name=8e1f7155-8a2c-4e20-
aafc-7d5467996aa7
SM_V9_2 iris    exon    26839953        26840311        .       -
        .       Parent=Smp_148510.2;Name=7763dfbb-6231-474b-9172-
fe8d8d2eeab8
SM_V9_2 iris    exon    26842524        26842840        .       -
        .       Parent=Smp_148510.2;Name=2db09bc8-768c-40d1-
b29e-136176fceb41
SM_V9_2 iris    exon    26842894        26843052        .       -
        .       Parent=Smp_148510.2;Name=54fee176-
f86c-494a-8d49-71be67c0ee78
SM_V9_2 iris    CDS     26825705        26825777        .       -
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SM_V9_2 iris    CDS     26827617        26827722        .       -
        2       Parent=Smp_148510.2
SM_V9_2 iris    CDS     26830733        26830850        .       -
        0       Parent=Smp_148510.2
SM_V9_2 iris    CDS     26835654        26835903        .       -
        1       Parent=Smp_148510.2
SM_V9_2 iris    CDS     26839953        26840311        .       -
        0       Parent=Smp_148510.2
SM_V9_2 iris    CDS     26842524        26842754        .       -
        0       Parent=Smp_148510.2
SM_V9_2 iris    mRNA    26824237        26843054        .       -
        .
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ied=2022-07-10;Name=Smp_148510.1;product=Protein phosphatase
1B;date_creation=2022-07-10
SM_V9_2 iris    exon    26824237        26824659        .       -
        .       Parent=Smp_148510.1;Name=eded94c1-
e47f-4668-833a-3dc4bfc44424
SM_V9_2 iris    exon    26827617        26827722        .       -
        .
Parent=Smp_148510.1;Name=95382ef0-1a54-45d3-8509-57a48a02eaea
SM_V9_2 iris    exon    26830733        26830850        .       -
        .       Parent=Smp_148510.1;Name=f2eb267f-292a-458f-
b0fb-46cea2c731c6
SM_V9_2 iris    exon    26835654        26835903        .       -
        .       Parent=Smp_148510.1;Name=44df3f0b-8257-4666-
a11b-984f28d34867
SM_V9_2 iris    exon    26839953        26840311        .       -
        .       Parent=Smp_148510.1;Name=2c382d14-11a8-4845-ac2e-
d5ab7e40bb81
SM_V9_2 iris    exon    26842524        26842840        .       -
        .
Parent=Smp_148510.1;Name=f1c86cf6-2048-4f49-816c-6b3adc82c86a
SM_V9_2 iris    exon    26842894        26843054        .       -
        .       Parent=Smp_148510.1;Name=f41587f6-0900-4246-ae94-
bc852e8228ec
SM_V9_2 iris    CDS     26824587        26824659        .       -
        1       Parent=Smp_148510.1
SM_V9_2 iris    CDS     26827617        26827722        .       -
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SM_V9_2 iris    CDS     26830733        26830850        .       -
        0       Parent=Smp_148510.1
SM_V9_2 iris    CDS     26835654        26835903        .       -
        1       Parent=Smp_148510.1
SM_V9_2 iris    CDS     26839953        26840311        .       -
        0       Parent=Smp_148510.1
SM_V9_2 iris    CDS     26842524        26842754        .       -
        0       Parent=Smp_148510.1
SM_V9_2 iris    non_canonical_five_prime_splice_site    26842892
        26842892        .       -       .       ID=Smp_148510.1-
non_canonical_five_prime_splice_site-26842891;Name=Smp_148510.1-
non_canonical_five_prime_splice_site-26842891
SM_V9_2 iris    non_canonical_five_prime_splice_site    26842892
        26842892        .       -       .       ID=Smp_148510.2-
non_canonical_five_prime_splice_site-26842891;Name=Smp_148510.2-
non_canonical_five_prime_splice_site-26842891
SM_V9_2 iris    gene    26853815        26926520        .       -
        .
ID=Smp_245790;geneID=Smp_245790;gene_name=Smp_245790;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    26853815        26926520        .       -
        .
ID=Smp_245790.1;Parent=Smp_245790;geneID=Smp_245790;gene_name=Smp_24
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ied=2022-07-10;Name=Smp_245790.1;product=Kazrin;date_creation=2022-0
7-10
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b1c0-13147b813781
SM_V9_2 iris    exon    26859840        26860518        .       -
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a6fc-34a5d808173b
SM_V9_2 iris    exon    26873585        26873611        .       -
        .       Parent=Smp_245790.1;Name=1db7cd0d-90df-466b-
afca-14a4c9a51cbb
SM_V9_2 iris    exon    26892839        26893002        .       -
        .       Parent=Smp_245790.1;Name=9bb05dff-4860-4cc9-a73b-
b763a391ed60
SM_V9_2 iris    exon    26895671        26895772        .       -
        .       Parent=Smp_245790.1;Name=bd0e0746-f615-41fa-
bdb5-8bc3d4b8a09b
SM_V9_2 iris    exon    26898793        26899531        .       -
        .       Parent=Smp_245790.1;Name=8a41258b-0632-4e29-
b903-3df1e4962a5e
SM_V9_2 iris    exon    26909588        26909873        .       -
        .       Parent=Smp_245790.1;Name=6cf08a36-7478-41e2-
a604-5d380416b804
SM_V9_2 iris    exon    26922370        26922685        .       -
        .
Parent=Smp_245790.1;Name=92f5e319-6ddb-42e6-823d-19f8a8c3d188
SM_V9_2 iris    exon    26923462        26923622        .       -
        .       Parent=Smp_245790.1;Name=87a31c71-fbf8-4f6f-
a788-6c0908d1379f
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SM_V9_2 iris    exon    26923660        26923909        .       -
        .       Parent=Smp_245790.1;Name=9c68da02-ad06-4cab-8855-
d166a11b2aa1
SM_V9_2 iris    exon    26926457        26926520        .       -
        .
Parent=Smp_245790.1;Name=3981a058-5695-4a8c-9e35-00929d46d1c7
SM_V9_2 iris    CDS     26854483        26854791        .       -
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SM_V9_2 iris    CDS     26859840        26860518        .       -
        1       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26873585        26873611        .       -
        1       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26892839        26893002        .       -
        0       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26895671        26895772        .       -
        0       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26898793        26899531        .       -
        1       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26909588        26909873        .       -
        2       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26922370        26922685        .       -
        0       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26923462        26923622        .       -
        2       Parent=Smp_245790.1
SM_V9_2 iris    CDS     26923660        26923873        .       -
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SM_V9_2 iris    gene    26930521        26982431        .       +
        .
ID=Smp_148480;geneID=Smp_148480;gene_name=Smp_148480;owner=irisadmin
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SM_V9_2 iris    mRNA    26930521        26982431        .       +
        .
ID=Smp_148480.1;Parent=Smp_148480;geneID=Smp_148480;gene_name=Smp_14
8480;owner=irisadmin@local.host;orig_id=Smp_148480.1;date_last_modif
ied=2022-07-10;Name=Smp_148480.1;product=Cleavage and
polyadenylation specificity factor subunit
1;date_creation=2022-07-10
SM_V9_2 iris    exon    26930521        26930745        .       +
        .       Parent=Smp_148480.1;Name=ecd34ec8-f784-4ee3-
bf2d-966d2adce49d
SM_V9_2 iris    exon    26930780        26930909        .       +
        .       Parent=Smp_148480.1;Name=5d7f6409-
e914-4d70-9493-3845c344149a
SM_V9_2 iris    exon    26930946        26931026        .       +
        .       Parent=Smp_148480.1;Name=0b1be485-bc85-4394-ab9e-
bf34829de987
SM_V9_2 iris    exon    26932878        26933212        .       +
        .       Parent=Smp_148480.1;Name=2ef7b9e7-6d96-479a-bf15-
c83066b8af7c
SM_V9_2 iris    exon    26933248        26933387        .       +
        .       Parent=Smp_148480.1;Name=3684c1e5-fd91-4a10-
a9c6-712b0b275b40
SM_V9_2 iris    exon    26934563        26934673        .       +
        .       Parent=Smp_148480.1;Name=b4fe887f-32b9-4514-a08b-
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e408616092c2
SM_V9_2 iris    exon    26936470        26936660        .       +
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SM_V9_2 iris    exon    26936878        26937087        .       +
        .       Parent=Smp_148480.1;Name=eeff3d2c-6caf-4997-
b096-3e8ac70574c1
SM_V9_2 iris    exon    26938709        26938921        .       +
        .       Parent=Smp_148480.1;Name=84562e98-5c78-45bf-
b3eb-4be73cd7103a
SM_V9_2 iris    exon    26939359        26939857        .       +
        .       Parent=Smp_148480.1;Name=48a65aea-136a-4f17-b25c-
f334cd174cda
SM_V9_2 iris    exon    26944724        26944896        .       +
        .       Parent=Smp_148480.1;Name=14a24bb7-
c6c3-43ef-9326-70b40b3b39bb
SM_V9_2 iris    exon    26947082        26947336        .       +
        .       Parent=Smp_148480.1;Name=3ebe0642-ddc4-4580-
a2f4-3db8cbb93048
SM_V9_2 iris    exon    26947613        26947912        .       +
        .       Parent=Smp_148480.1;Name=3102fa3e-dae0-452b-9ad4-
b0166f627a07
SM_V9_2 iris    exon    26949095        26949318        .       +
        .       Parent=Smp_148480.1;Name=96e5d1d3-782c-40a4-bd2d-
e7d73303ba14
SM_V9_2 iris    exon    26949417        26949599        .       +
        .       Parent=Smp_148480.1;Name=dcc7e3ad-46c9-4a00-86ec-
ad2579008bb6
SM_V9_2 iris    exon    26950866        26950938        .       +
        .
Parent=Smp_148480.1;Name=35c4150b-159f-4e64-96bf-9faa55ce356d
SM_V9_2 iris    exon    26952323        26952450        .       +
        .       Parent=Smp_148480.1;Name=af800006-b588-41f8-b9ba-
fa4a6a38c690
SM_V9_2 iris    exon    26953682        26953775        .       +
        .
Parent=Smp_148480.1;Name=dd993546-4cfc-4683-9069-0aa22791e9ca
SM_V9_2 iris    exon    26957817        26957996        .       +
        .       Parent=Smp_148480.1;Name=f35eb551-d31f-4a05-aa07-
e0bb54b9063a
SM_V9_2 iris    exon    26958727        26958942        .       +
        .
Parent=Smp_148480.1;Name=d663ba14-84c9-45be-8861-3ebfa33ce90b
SM_V9_2 iris    exon    26961297        26961413        .       +
        .       Parent=Smp_148480.1;Name=067ce47b-1fee-4bba-
b966-315e75e788f5
SM_V9_2 iris    exon    26967214        26967422        .       +
        .       Parent=Smp_148480.1;Name=c7e3159e-c9e3-4cd3-
a1e6-1fc39f8c5844
SM_V9_2 iris    exon    26968268        26968562        .       +
        .       Parent=Smp_148480.1;Name=efa6c4df-db45-4f92-a338-
e9aa675e2426
SM_V9_2 iris    exon    26971435        26971678        .       +
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Parent=Smp_148480.1;Name=f8006d4f-9813-4a59-8f52-6d737cd245b5
SM_V9_2 iris    exon    26974018        26974404        .       +
        .       Parent=Smp_148480.1;Name=afccab7d-3b04-46b5-a4bd-
b9f0caed676f
SM_V9_2 iris    exon    26975310        26975439        .       +
        .       Parent=Smp_148480.1;Name=1063bc0f-
c9b7-4422-89c6-0a21e1646beb
SM_V9_2 iris    exon    26980592        26980730        .       +
        .
Parent=Smp_148480.1;Name=457806f5-5c21-4da6-9202-19724c89de86
SM_V9_2 iris    exon    26981892        26982431        .       +
        .       Parent=Smp_148480.1;Name=e1088a4c-d2b2-4581-
b73d-5af2147b0b6b
SM_V9_2 iris    CDS     26930573        26930745        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26930780        26930909        .       +
        1       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26930946        26931026        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26932878        26933212        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26933248        26933387        .       +
        1       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26934563        26934673        .       +
        2       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26936470        26936660        .       +
        2       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26936878        26937087        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26938709        26938921        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26939359        26939857        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26944724        26944896        .       +
        2       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26947082        26947336        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26947613        26947912        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26949095        26949318        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26949417        26949599        .       +
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SM_V9_2 iris    CDS     26950866        26950938        .       +
        1       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26952323        26952450        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26953682        26953775        .       +
        1       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26957817        26957996        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26958727        26958942        .       +
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SM_V9_2 iris    CDS     26961297        26961413        .       +
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SM_V9_2 iris    CDS     26968268        26968562        .       +
        1       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26971435        26971678        .       +
        0       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26974018        26974404        .       +
        2       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26975310        26975439        .       +
        2       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26980592        26980730        .       +
        1       Parent=Smp_148480.1
SM_V9_2 iris    CDS     26981892        26981939        .       +
        0       Parent=Smp_148480.1
SM_V9_2 Liftoff gene    26988332        26990880        .       -
        .       ID=Smp_049170;geneID=Smp_049170
SM_V9_2 Liftoff mRNA    26988332        26990880        .       -
        .
ID=Smp_049170.1;Parent=Smp_049170;geneID=Smp_049170;product=Alpha-
endosulfine;polypeptide_domain=InterPro:IPR006760 Pfam:PF04667
SM_V9_2 Liftoff exon    26988332        26988848        .       -
        .       Parent=Smp_049170.1
SM_V9_2 Liftoff exon    26990500        26990583        .       -
        .       Parent=Smp_049170.1
SM_V9_2 Liftoff exon    26990623        26990880        .       -
        .       Parent=Smp_049170.1
SM_V9_2 Liftoff CDS     26988573        26988848        .       -
        0       Parent=Smp_049170.1
SM_V9_2 Liftoff CDS     26990500        26990583        .       -
        0       Parent=Smp_049170.1
SM_V9_2 Liftoff CDS     26990623        26990661        .       -
        0       Parent=Smp_049170.1
SM_V9_2 iris    gene    27002332        27006731        .       +
        .
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SM_V9_2 iris    mRNA    27002332        27006731        .       +
        .
ID=Smp_049160.1;Parent=Smp_049160;geneID=Smp_049160;gene_name=Smp_04
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ied=2022-11-13;Name=Smp_049160.1;product=PR domain zinc finger
protein 16;date_creation=2022-11-13
SM_V9_2 iris    exon    27002332        27006731        .       +
        .       Parent=Smp_049160.1;Name=9b182c54-3096-4c40-
bb39-5710b981ed76
SM_V9_2 iris    CDS     27002443        27006180        .       +
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SM_V9_2 Liftoff gene    27009847        27055066        .       -
        .       ID=Smp_049150;geneID=Smp_049150
SM_V9_2 Liftoff mRNA    27009847        27055066        .       -
        .
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e aminotransferase,
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9,IPR015421,IPR015422,IPR015424
Pfam:PF00155;Ontology_term=GO:0003824,GO:0006520,GO:0008483,GO:00090
58,GO:0030170
SM_V9_2 Liftoff exon    27009847        27010607        .       -
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SM_V9_2 Liftoff exon    27027456        27027598        .       -
        .       Parent=Smp_049150.1
SM_V9_2 Liftoff exon    27036131        27036296        .       -
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SM_V9_2 Liftoff exon    27050883        27051033        .       -
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SM_V9_2 Liftoff exon    27054541        27054649        .       -
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SM_V9_2 Liftoff CDS     27050883        27051033        .       -
        0       Parent=Smp_049150.1
SM_V9_2 Liftoff CDS     27054295        27054509        .       -
        2       Parent=Smp_049150.1
SM_V9_2 Liftoff CDS     27054541        27054649        .       -
        0       Parent=Smp_049150.1
SM_V9_2 Liftoff CDS     27054685        27054866        .       -
        2       Parent=Smp_049150.1
SM_V9_2 Liftoff CDS     27054904        27055012        .       -
        0       Parent=Smp_049150.1
SM_V9_2 Liftoff gene    27069754        27075682        .       +
        .       ID=Smp_049140;geneID=Smp_049140
SM_V9_2 Liftoff mRNA    27069754        27075682        .       +
        .
ID=Smp_049140.3;Parent=Smp_049140;geneID=Smp_049140;product=Protein-
glutamate O-methyltransferase;polypeptide_domain=InterPro:IPR002791
Pfam:PF01937
SM_V9_2 Liftoff exon    27069754        27069975        .       +
        .       Parent=Smp_049140.3
SM_V9_2 Liftoff exon    27070012        27070283        .       +
        .       Parent=Smp_049140.3
SM_V9_2 Liftoff exon    27070318        27070459        .       +
        .       Parent=Smp_049140.3
SM_V9_2 Liftoff exon    27074166        27074744        .       +
        .       Parent=Smp_049140.3
SM_V9_2 Liftoff exon    27075096        27075682        .       +
        .       Parent=Smp_049140.3
SM_V9_2 Liftoff CDS     27069781        27069975        .       +
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        0       Parent=Smp_049140.3
SM_V9_2 Liftoff CDS     27070012        27070283        .       +
        0       Parent=Smp_049140.3
SM_V9_2 Liftoff CDS     27070318        27070459        .       +
        1       Parent=Smp_049140.3
SM_V9_2 Liftoff CDS     27074166        27074744        .       +
        0       Parent=Smp_049140.3
SM_V9_2 Liftoff CDS     27075096        27075428        .       +
        0       Parent=Smp_049140.3
SM_V9_2 Liftoff mRNA    27069774        27075682        .       +
        .
ID=Smp_049140.1;Parent=Smp_049140;geneID=Smp_049140;product=Protein-
glutamate O-methyltransferase;polypeptide_domain=InterPro:IPR002791
Pfam:PF01937
SM_V9_2 Liftoff exon    27069774        27069831        .       +
        .       Parent=Smp_049140.1
SM_V9_2 Liftoff exon    27069870        27069975        .       +
        .       Parent=Smp_049140.1
SM_V9_2 Liftoff exon    27070012        27070283        .       +
        .       Parent=Smp_049140.1
SM_V9_2 Liftoff exon    27070318        27070459        .       +
        .       Parent=Smp_049140.1
SM_V9_2 Liftoff exon    27074166        27074744        .       +
        .       Parent=Smp_049140.1
SM_V9_2 Liftoff exon    27075096        27075682        .       +
        .       Parent=Smp_049140.1
SM_V9_2 Liftoff CDS     27069800        27069831        .       +
        0       Parent=Smp_049140.1
SM_V9_2 Liftoff CDS     27069870        27069975        .       +
        1       Parent=Smp_049140.1
SM_V9_2 Liftoff CDS     27070012        27070283        .       +
        0       Parent=Smp_049140.1
SM_V9_2 Liftoff CDS     27070318        27070459        .       +
        1       Parent=Smp_049140.1
SM_V9_2 Liftoff CDS     27074166        27074744        .       +
        0       Parent=Smp_049140.1
SM_V9_2 Liftoff CDS     27075096        27075428        .       +
        0       Parent=Smp_049140.1
SM_V9_2 Liftoff mRNA    27069774        27075682        .       +
        .
ID=Smp_049140.2;Parent=Smp_049140;geneID=Smp_049140;product=Protein-
glutamate O-methyltransferase;polypeptide_domain=InterPro:IPR002791
Pfam:PF01937
SM_V9_2 Liftoff exon    27069774        27070283        .       +
        .       Parent=Smp_049140.2
SM_V9_2 Liftoff exon    27074166        27074744        .       +
        .       Parent=Smp_049140.2
SM_V9_2 Liftoff exon    27075096        27075682        .       +
        .       Parent=Smp_049140.2
SM_V9_2 Liftoff CDS     27070242        27070283        .       +
        0       Parent=Smp_049140.2
SM_V9_2 Liftoff CDS     27074166        27074744        .       +
        0       Parent=Smp_049140.2
SM_V9_2 Liftoff CDS     27075096        27075428        .       +
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        0       Parent=Smp_049140.2
SM_V9_2 Liftoff gene    27081954        27090411        .       +
        .       ID=Smp_148470;geneID=Smp_148470
SM_V9_2 Liftoff mRNA    27081954        27090411        .       +
        .
ID=Smp_148470.1;Parent=Smp_148470;geneID=Smp_148470;product=Mitochon
drial basic amino acids
transporter;polypeptide_domain=InterPro:IPR002067,IPR018108,IPR02339
5 Pfam:PF00153;Ontology_term=GO:0055085
SM_V9_2 Liftoff exon    27081954        27082036        .       +
        .       Parent=Smp_148470.1
SM_V9_2 Liftoff exon    27085530        27085645        .       +
        .       Parent=Smp_148470.1
SM_V9_2 Liftoff exon    27086534        27086756        .       +
        .       Parent=Smp_148470.1
SM_V9_2 Liftoff exon    27087461        27087702        .       +
        .       Parent=Smp_148470.1
SM_V9_2 Liftoff exon    27090138        27090411        .       +
        .       Parent=Smp_148470.1
SM_V9_2 Liftoff CDS     27081991        27082036        .       +
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SM_V9_2 Liftoff CDS     27085530        27085645        .       +
        2       Parent=Smp_148470.1
SM_V9_2 Liftoff CDS     27086534        27086756        .       +
        0       Parent=Smp_148470.1
SM_V9_2 Liftoff CDS     27087461        27087702        .       +
        2       Parent=Smp_148470.1
SM_V9_2 Liftoff CDS     27090138        27090329        .       +
        0       Parent=Smp_148470.1
SM_V9_2 iris    gene    27091956        27185345        .       -
        .
ID=Smp_148460;geneID=Smp_148460;gene_name=Smp_148460;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27091956        27185345        .       -
        .
ID=Smp_148460.1;Parent=Smp_148460;geneID=Smp_148460;gene_name=Smp_14
8460;owner=irisadmin@local.host;orig_id=Smp_148460.2;date_last_modif
ied=2022-08-17;Name=Smp_148460.1;product=Neurofibromin;date_creation
=2022-08-17
SM_V9_2 iris    exon    27091956        27093643        .       -
        .
Parent=Smp_148460.1;Name=d09a9ef0-313d-4fcb-8794-6745c587c358
SM_V9_2 iris    exon    27096323        27096802        .       -
        .       Parent=Smp_148460.1;Name=39b1d9b4-ff32-4730-b975-
a02b1177e8e0
SM_V9_2 iris    exon    27098158        27098204        .       -
        .
Parent=Smp_148460.1;Name=b7bd33ee-04a8-4069-8fc9-75bf667a1296
SM_V9_2 iris    exon    27100353        27100492        .       -
        .
Parent=Smp_148460.1;Name=6004e8d4-960c-4264-96df-9554a23e940e
SM_V9_2 iris    exon    27102706        27102806        .       -
        .       Parent=Smp_148460.1;Name=4508998e-06d6-48ea-a944-
e15c6e644ee2
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SM_V9_2 iris    exon    27105503        27105856        .       -
        .       Parent=Smp_148460.1;Name=76472ecb-d87f-460c-81af-
a3b5bb20560e
SM_V9_2 iris    exon    27106593        27107088        .       -
        .       Parent=Smp_148460.1;Name=f7cb5978-8d97-4787-
a5ac-5c2c569b7f74
SM_V9_2 iris    exon    27108674        27108888        .       -
        .
Parent=Smp_148460.1;Name=cdc0a797-9438-4cb4-9471-9473bdce3f6b
SM_V9_2 iris    exon    27110239        27110441        .       -
        .       Parent=Smp_148460.1;Name=11c8a83f-d172-40a4-
a7c2-56d9743636ef
SM_V9_2 iris    exon    27110923        27111113        .       -
        .
Parent=Smp_148460.1;Name=6bee7e68-6749-414a-85af-21d64022f635
SM_V9_2 iris    exon    27112333        27113224        .       -
        .
Parent=Smp_148460.1;Name=5c5a24eb-88e0-4e80-8b93-06d89ef956d6
SM_V9_2 iris    exon    27114799        27114942        .       -
        .       Parent=Smp_148460.1;Name=27c04908-07d1-4939-
bde3-83a09e52dbf6
SM_V9_2 iris    exon    27115788        27115905        .       -
        .       Parent=Smp_148460.1;Name=9a6e1fac-9137-4593-
a3ab-006ef826ce7d
SM_V9_2 iris    exon    27116914        27117171        .       -
        .
Parent=Smp_148460.1;Name=31cf9a43-60b3-4ec3-8431-9aef06cc39c7
SM_V9_2 iris    exon    27117865        27118200        .       -
        .
Parent=Smp_148460.1;Name=c6b0142f-2a09-4572-9d24-27c68d811e90
SM_V9_2 iris    exon    27119343        27119543        .       -
        .       Parent=Smp_148460.1;Name=74ba7c74-5cb6-4734-aaa5-
a43e010f81cf
SM_V9_2 iris    exon    27123028        27123129        .       -
        .       Parent=Smp_148460.1;Name=37ab951a-7024-4977-aaec-
f383a9d4eda4
SM_V9_2 iris    exon    27124581        27124745        .       -
        .       Parent=Smp_148460.1;Name=c7699b6c-661a-4150-9904-
c54d6075f39f
SM_V9_2 iris    exon    27125754        27125891        .       -
        .       Parent=Smp_148460.1;Name=6a3274e7-ba34-473d-8c3f-
cddc2642a0fe
SM_V9_2 iris    exon    27128340        27128472        .       -
        .       Parent=Smp_148460.1;Name=c7ad7c83-
bb41-4a7c-92a4-31b173277c07
SM_V9_2 iris    exon    27130674        27130844        .       -
        .       Parent=Smp_148460.1;Name=5a2c4cd7-af19-4a70-aa62-
d0ce4c51fc37
SM_V9_2 iris    exon    27132198        27132290        .       -
        .
Parent=Smp_148460.1;Name=fe98bc6b-5011-4e76-9f29-258e55b7ecbe
SM_V9_2 iris    exon    27132605        27132957        .       -
        .       Parent=Smp_148460.1;Name=e76a2a5b-e078-4609-aaa4-
d01ffd633550
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SM_V9_2 iris    exon    27135008        27135332        .       -
        .
Parent=Smp_148460.1;Name=5faa4517-0a6b-4d10-9243-34860d78ef88
SM_V9_2 iris    exon    27138123        27138601        .       -
        .
Parent=Smp_148460.1;Name=4737038c-8145-41ee-8f03-10a418fb74a6
SM_V9_2 iris    exon    27140107        27140190        .       -
        .       Parent=Smp_148460.1;Name=37e90393-8abf-40f7-8513-
be98000ead55
SM_V9_2 iris    exon    27141930        27142141        .       -
        .       Parent=Smp_148460.1;Name=8f92de69-5efc-4673-
b22d-99b43b6d159e
SM_V9_2 iris    exon    27143067        27143227        .       -
        .       Parent=Smp_148460.1;Name=e37c154a-4f49-4117-b337-
ec88162147ce
SM_V9_2 iris    exon    27145236        27146500        .       -
        .       Parent=Smp_148460.1;Name=b3ee28e8-
a4f5-449c-81a0-1c7dcec18338
SM_V9_2 iris    exon    27150228        27150333        .       -
        .       Parent=Smp_148460.1;Name=3d525bff-68b7-476e-
b650-78fcfb9e03f3
SM_V9_2 iris    exon    27155782        27156108        .       -
        .       Parent=Smp_148460.1;Name=db4ff5ed-9c1b-41c4-920c-
ce03b470f798
SM_V9_2 iris    exon    27158105        27158397        .       -
        .       Parent=Smp_148460.1;Name=856e70cf-d51e-4611-
b04c-0dde21e4758b
SM_V9_2 iris    exon    27159699        27160009        .       -
        .       Parent=Smp_148460.1;Name=ab70e60b-38b7-4734-bc6f-
e73df80aa519
SM_V9_2 iris    exon    27160057        27160324        .       -
        .       Parent=Smp_148460.1;Name=9ffb10c2-8e94-43a7-
b74a-4d8664996353
SM_V9_2 iris    exon    27161126        27162156        .       -
        .       Parent=Smp_148460.1;Name=76e53b03-7d55-43b8-a2f7-
ec322d4c9c18
SM_V9_2 iris    exon    27163239        27163561        .       -
        .       Parent=Smp_148460.1;Name=510b0e72-
d542-4122-8a8d-1a207317234d
SM_V9_2 iris    exon    27165014        27165210        .       -
        .       Parent=Smp_148460.1;Name=3f9ec487-f497-4c1d-
a84d-0770b1721b25
SM_V9_2 iris    exon    27166470        27166598        .       -
        .       Parent=Smp_148460.1;Name=6d05e77b-3777-4e68-97d7-
db56c9a223f7
SM_V9_2 iris    exon    27170457        27170576        .       -
        .       Parent=Smp_148460.1;Name=70597e43-79d1-44b1-bac0-
b6db9e74feb4
SM_V9_2 iris    exon    27174286        27174489        .       -
        .       Parent=Smp_148460.1;Name=db900986-f15b-4fa2-
a505-56a9ed26b471
SM_V9_2 iris    exon    27176614        27176787        .       -
        .       Parent=Smp_148460.1;Name=da14d080-029b-4e7a-
b2a0-9e3079b40d02
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SM_V9_2 iris    exon    27178399        27178589        .       -
        .       Parent=Smp_148460.1;Name=af298354-14e1-4f0e-8e7b-
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SM_V9_2 iris    exon    27179573        27179648        .       -
        .       Parent=Smp_148460.1;Name=97415962-059d-413e-
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SM_V9_2 iris    exon    27181122        27181189        .       -
        .       Parent=Smp_148460.1;Name=ce22a95d-2896-45b1-ad06-
b73bf4b89664
SM_V9_2 iris    exon    27181240        27181346        .       -
        .       Parent=Smp_148460.1;Name=41787860-b8ea-4a28-
b029-3735762227d6
SM_V9_2 iris    exon    27181983        27182104        .       -
        .       Parent=Smp_148460.1;Name=6585d58a-6161-4127-9bf9-
b1d2af625f6f
SM_V9_2 iris    exon    27182137        27182226        .       -
        .
Parent=Smp_148460.1;Name=e5b4ee82-0108-41f7-8eec-2b1f27f12a8c
SM_V9_2 iris    exon    27182267        27182350        .       -
        .       Parent=Smp_148460.1;Name=be5d081b-d3a9-4062-ab79-
c9e69ec083c7
SM_V9_2 iris    exon    27182405        27182548        .       -
        .       Parent=Smp_148460.1;Name=a4854cff-6d8e-4a82-
b023-67f9332c87a6
SM_V9_2 iris    exon    27185217        27185345        .       -
        .       Parent=Smp_148460.1;Name=d98dd3e7-8e0c-4ff9-ba00-
d0e20bf84c84
SM_V9_2 iris    CDS     27093641        27093643        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27096323        27096802        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27098158        27098204        .       -
        2       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27100353        27100492        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27102706        27102806        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27105503        27105856        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27106593        27107088        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27108674        27108888        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27110239        27110441        .       -
        2       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27110923        27111113        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27112333        27113224        .       -
        2       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27114799        27114942        .       -
        2       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27115788        27115905        .       -
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SM_V9_2 iris    CDS     27116914        27117171        .       -
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SM_V9_2 iris    CDS     27119343        27119543        .       -
        0       Parent=Smp_148460.1
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SM_V9_2 iris    CDS     27124581        27124745        .       -
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SM_V9_2 iris    CDS     27128340        27128472        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27130674        27130844        .       -
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SM_V9_2 iris    CDS     27132198        27132290        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27132605        27132957        .       -
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SM_V9_2 iris    CDS     27135008        27135332        .       -
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SM_V9_2 iris    CDS     27138123        27138601        .       -
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SM_V9_2 iris    CDS     27140107        27140190        .       -
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SM_V9_2 iris    CDS     27141930        27142141        .       -
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SM_V9_2 iris    CDS     27143067        27143227        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27145236        27146500        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27150228        27150333        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27155782        27156108        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27158105        27158397        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27159699        27160009        .       -
        2       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27160057        27160324        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27161126        27162156        .       -
        2       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27163239        27163561        .       -
        1       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27165014        27165210        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27166470        27166598        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27170457        27170576        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27174286        27174489        .       -
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SM_V9_2 iris    CDS     27176614        27176787        .       -
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SM_V9_2 iris    CDS     27179573        27179648        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27181122        27181189        .       -
        2       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27181240        27181346        .       -
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SM_V9_2 iris    CDS     27181983        27182104        .       -
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SM_V9_2 iris    CDS     27182137        27182226        .       -
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SM_V9_2 iris    CDS     27182267        27182350        .       -
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SM_V9_2 iris    CDS     27182405        27182548        .       -
        0       Parent=Smp_148460.1
SM_V9_2 iris    CDS     27185217        27185276        .       -
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SM_V9_2 Liftoff gene    27188534        27203867        .       +
        .       ID=Smp_148450;geneID=Smp_148450
SM_V9_2 Liftoff mRNA    27188534        27203867        .       +
        .
ID=Smp_148450.1;Parent=Smp_148450;geneID=Smp_148450;product=Chitinas
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1;polypeptide_domain=InterPro:IPR001223,IPR011583,IPR017853
Pfam:PF00704;Ontology_term=GO:0005975,GO:0008061
SM_V9_2 Liftoff exon    27188534        27188624        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27192557        27192673        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27192707        27192829        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27192869        27192998        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27193039        27193190        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27197057        27197211        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27197269        27197367        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27199725        27199895        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27202420        27202497        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff exon    27203269        27203867        .       +
        .       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27188622        27188624        .       +
        0       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27192557        27192673        .       +
        0       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27192707        27192829        .       +
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SM_V9_2 Liftoff CDS     27192869        27192998        .       +
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SM_V9_2 Liftoff CDS     27193039        27193190        .       +
        2       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27197057        27197211        .       +
        0       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27197269        27197367        .       +
        1       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27199725        27199895        .       +
        1       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27202420        27202497        .       +
        1       Parent=Smp_148450.1
SM_V9_2 Liftoff CDS     27203269        27203413        .       +
        1       Parent=Smp_148450.1
SM_V9_2 iris    gene    27209674        27222379        .       +
        .
ID=Smp_344110;geneID=Smp_344110;gene_name=Smp_344110;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27209674        27222379        .       +
        .
ID=Smp_344110.1;Parent=Smp_344110;geneID=Smp_344110;gene_name=Smp_34
4110;owner=irisadmin@local.host;orig_id=Smp_344110.1;date_last_modif
ied=2022-08-17;Name=Smp_344110.1;product=PCI domain-containing
protein 2;date_creation=2022-08-17
SM_V9_2 iris    exon    27209674        27209702        .       +
        .       Parent=Smp_344110.1;Name=d4c9117e-
b5e9-4f56-81e9-4cecc4c8c52f
SM_V9_2 iris    exon    27213887        27213957        .       +
        .       Parent=Smp_344110.1;Name=a26b0fcd-c15a-4fc7-95df-
b7246cfbbf3a
SM_V9_2 iris    exon    27213998        27214039        .       +
        .       Parent=Smp_344110.1;Name=32c1eee7-043a-44d2-8c83-
b95a5a366506
SM_V9_2 iris    exon    27214088        27214209        .       +
        .
Parent=Smp_344110.1;Name=d9dad0fc-708c-41b2-81a1-85faca9349db
SM_V9_2 iris    exon    27214253        27214318        .       +
        .       Parent=Smp_344110.1;Name=43b3449b-c39a-43f8-
ad29-206e283e94c6
SM_V9_2 iris    exon    27215613        27215819        .       +
        .       Parent=Smp_344110.1;Name=eb7ea5bb-6238-4df7-
a519-0e3f3301be29
SM_V9_2 iris    exon    27216935        27217010        .       +
        .       Parent=Smp_344110.1;Name=a9348a54-311b-41b8-
b91b-059c392cd09c
SM_V9_2 iris    exon    27217076        27217217        .       +
        .       Parent=Smp_344110.1;Name=977f1eb0-2d1b-4fdc-8548-
edb32e64dca4
SM_V9_2 iris    exon    27217845        27217945        .       +
        .       Parent=Smp_344110.1;Name=ddfa1ad5-328a-465a-a647-
ca5eeded8a92
SM_V9_2 iris    exon    27219073        27219146        .       +
        .       Parent=Smp_344110.1;Name=69f1bb34-fe13-43e4-
b03d-0c5e58a4530b
SM_V9_2 iris    exon    27219201        27219326        .       +
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        .       Parent=Smp_344110.1;Name=37728eb9-673c-438b-
be3d-23152dd158a7
SM_V9_2 iris    exon    27219420        27219486        .       +
        .       Parent=Smp_344110.1;Name=41deb6d1-803d-44c0-abfc-
a6f1e79294f4
SM_V9_2 iris    exon    27221231        27221287        .       +
        .
Parent=Smp_344110.1;Name=992c6198-2c3e-48bb-8ee3-4ea6dde06bf7
SM_V9_2 iris    exon    27222162        27222379        .       +
        .       Parent=Smp_344110.1;Name=f6c6e7c2-
ccd5-4d98-9f4c-5a079ff9da7d
SM_V9_2 iris    CDS     27213922        27213957        .       +
        0       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27213998        27214039        .       +
        0       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27214088        27214209        .       +
        0       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27214253        27214318        .       +
        1       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27215613        27215819        .       +
        1       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27216935        27217010        .       +
        1       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27217076        27217217        .       +
        0       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27217845        27217945        .       +
        2       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27219073        27219146        .       +
        0       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27219201        27219326        .       +
        1       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27219420        27219486        .       +
        1       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27221231        27221287        .       +
        0       Parent=Smp_344110.1
SM_V9_2 iris    CDS     27222162        27222263        .       +
        0       Parent=Smp_344110.1
SM_V9_2 iris    gene    27223533        27321583        .       -
        .
ID=Smp_245800;geneID=Smp_245800;gene_name=Smp_245800;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27223533        27321583        .       -
        .
ID=Smp_245800.1;Parent=Smp_245800;geneID=Smp_245800;gene_name=Smp_24
5800;owner=irisadmin@local.host;orig_id=Smp_245800.1;date_last_modif
ied=2022-08-17;Name=Smp_245800.1;product=hook
protein;date_creation=2022-08-17
SM_V9_2 iris    exon    27223533        27224303        .       -
        .
Parent=Smp_245800.1;Name=25770732-29bb-477c-9fdb-2ea74e5b0f3d
SM_V9_2 iris    exon    27225460        27225733        .       -
        .
Parent=Smp_245800.1;Name=a4627c83-2f10-466b-9f66-247580367373
SM_V9_2 iris    exon    27226274        27226450        .       -
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        .       Parent=Smp_245800.1;Name=830c2e6b-f151-4fe4-
b6c4-71ca189e09a0
SM_V9_2 iris    exon    27228732        27229068        .       -
        .       Parent=Smp_245800.1;Name=ad5e2218-7c65-4a9b-
a782-070b87cb31db
SM_V9_2 iris    exon    27232217        27232440        .       -
        .       Parent=Smp_245800.1;Name=bd51fc37-fc90-4043-bc11-
cf45d0014aea
SM_V9_2 iris    exon    27233068        27233110        .       -
        .       Parent=Smp_245800.1;Name=ed4756e1-c21d-4b9c-
a8af-2c198bd35f45
SM_V9_2 iris    exon    27234607        27234658        .       -
        .
Parent=Smp_245800.1;Name=12aca93d-3a2e-4e20-89e6-8d93b1ea2bff
SM_V9_2 iris    exon    27236936        27236962        .       -
        .       Parent=Smp_245800.1;Name=0f2f2b82-2702-45a6-
a78d-46b0e1eaf172
SM_V9_2 iris    exon    27238140        27238226        .       -
        .
Parent=Smp_245800.1;Name=d0ea7535-5e85-499b-9443-1fd71ad9790b
SM_V9_2 iris    exon    27239797        27239942        .       -
        .       Parent=Smp_245800.1;Name=06a9c70c-ac2b-4076-
bf14-1e6733973643
SM_V9_2 iris    exon    27241011        27241261        .       -
        .       Parent=Smp_245800.1;Name=f67c45c2-b2e5-45c6-
af1e-52efd2c8f85a
SM_V9_2 iris    exon    27243506        27243778        .       -
        .       Parent=Smp_245800.1;Name=f3a272ac-d1cc-4563-98d8-
d0f30fcc6ab1
SM_V9_2 iris    exon    27246875        27247121        .       -
        .       Parent=Smp_245800.1;Name=837a856e-fa8e-4316-
bfc6-5ad2e6497a96
SM_V9_2 iris    exon    27250104        27250392        .       -
        .       Parent=Smp_245800.1;Name=7bde65c8-07e6-46df-bb03-
fd61f36c827f
SM_V9_2 iris    exon    27252738        27252907        .       -
        .       Parent=Smp_245800.1;Name=4cab805f-915e-4015-
ba04-86a8a763875c
SM_V9_2 iris    exon    27255043        27255319        .       -
        .       Parent=Smp_245800.1;Name=6071deca-a28b-4d40-
b126-390a97ca21fb
SM_V9_2 iris    exon    27257178        27257581        .       -
        .       Parent=Smp_245800.1;Name=f594363d-
d92b-4c38-9dd6-19fb8b745a64
SM_V9_2 iris    exon    27257774        27257969        .       -
        .       Parent=Smp_245800.1;Name=d1ad5691-
b6ac-49f3-9379-4081a40132a0
SM_V9_2 iris    exon    27258666        27258937        .       -
        .
Parent=Smp_245800.1;Name=ab50a137-03fa-4315-8768-1d473cc488a1
SM_V9_2 iris    exon    27260228        27260413        .       -
        .       Parent=Smp_245800.1;Name=94698cfd-
be00-46d8-9e71-916be58bc11e
SM_V9_2 iris    exon    27263025        27263516        .       -
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        .       Parent=Smp_245800.1;Name=05b8bf26-77b2-4b24-bd3a-
bb094d0b5e5a
SM_V9_2 iris    exon    27264763        27264921        .       -
        .       Parent=Smp_245800.1;Name=8b6ab972-3098-4c6d-
aa09-88e204b40bc4
SM_V9_2 iris    exon    27265645        27265873        .       -
        .       Parent=Smp_245800.1;Name=940e3113-409b-4957-
a011-11942770fd69
SM_V9_2 iris    exon    27268760        27269307        .       -
        .       Parent=Smp_245800.1;Name=731d99d9-7748-4f01-b6aa-
c85e92997796
SM_V9_2 iris    exon    27271729        27271842        .       -
        .       Parent=Smp_245800.1;Name=f13c55cc-60e4-4319-8c75-
cccf5d70d0dd
SM_V9_2 iris    exon    27273388        27273533        .       -
        .       Parent=Smp_245800.1;Name=44b0fd97-8db1-40b2-b2b8-
a8ceceee1230
SM_V9_2 iris    exon    27287163        27287232        .       -
        .
Parent=Smp_245800.1;Name=2dd77bd7-9dc0-401c-8383-1ea3c7d2ab3e
SM_V9_2 iris    exon    27306357        27306465        .       -
        .
Parent=Smp_245800.1;Name=0365db3f-6958-4cd8-9736-14286cd35acb
SM_V9_2 iris    exon    27311081        27311290        .       -
        .
Parent=Smp_245800.1;Name=cf524d40-3fc0-4065-8d8d-891dfabfad6c
SM_V9_2 iris    exon    27321351        27321583        .       -
        .       Parent=Smp_245800.1;Name=c043d312-8231-4d4e-94b8-
c59ee603f435
SM_V9_2 iris    CDS     27224015        27224303        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27225460        27225733        .       -
        2       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27226274        27226450        .       -
        2       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27228732        27229068        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27232217        27232440        .       -
        2       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27233068        27233110        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27234607        27234658        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27236936        27236962        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27238140        27238226        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27239797        27239942        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27241011        27241261        .       -
        2       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27243506        27243778        .       -
        2       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27246875        27247121        .       -
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        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27250104        27250392        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27252738        27252907        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27255043        27255319        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27257178        27257581        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27257774        27257969        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27258666        27258937        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27260228        27260413        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27263025        27263516        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27264763        27264921        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27265645        27265873        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27268760        27269307        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27271729        27271842        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27273388        27273533        .       -
        2       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27287163        27287232        .       -
        0       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27306357        27306465        .       -
        1       Parent=Smp_245800.1
SM_V9_2 iris    CDS     27311081        27311190        .       -
        0       Parent=Smp_245800.1
SM_V9_2 Liftoff gene    27331127        27404034        .       +
        .       ID=Smp_148410;geneID=Smp_148410
SM_V9_2 Liftoff mRNA    27331127        27404034        .       +
        .
ID=Smp_148410.1;Parent=Smp_148410;geneID=Smp_148410;product=HEAT
repeat-containing protein
5B;polypeptide_domain=InterPro:IPR011989,IPR016024;Ontology_term=GO:
0005488
SM_V9_2 Liftoff exon    27331127        27331599        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27333708        27333863        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27334659        27334872        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27337029        27337189        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27338203        27338854        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27340138        27340418        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27342455        27342682        .       +
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        .       Parent=Smp_148410.1
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        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27351209        27351372        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27356582        27356671        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27357382        27357885        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27365659        27366130        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27367025        27367194        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27369076        27369432        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27374595        27374896        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27376942        27377306        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27378007        27378627        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27382075        27382461        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27383857        27384022        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27386139        27386257        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27389260        27389646        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27390888        27391165        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27393097        27393729        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27395313        27395657        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff exon    27402321        27404034        .       +
        .       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27331165        27331599        .       +
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SM_V9_2 Liftoff CDS     27333708        27333863        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27334659        27334872        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27337029        27337189        .       +
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SM_V9_2 Liftoff CDS     27338203        27338854        .       +
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SM_V9_2 Liftoff CDS     27340138        27340418        .       +
        2       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27342455        27342682        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27345657        27345903        .       +
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SM_V9_2 Liftoff CDS     27351209        27351372        .       +
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        2       Parent=Smp_148410.1
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SM_V9_2 Liftoff CDS     27357382        27357885        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27365659        27366130        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27367025        27367194        .       +
        2       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27369076        27369432        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27374595        27374896        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27376942        27377306        .       +
        1       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27378007        27378627        .       +
        2       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27382075        27382461        .       +
        2       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27383857        27384022        .       +
        2       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27386139        27386257        .       +
        1       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27389260        27389646        .       +
        2       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27390888        27391165        .       +
        2       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27393097        27393729        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27395313        27395657        .       +
        0       Parent=Smp_148410.1
SM_V9_2 Liftoff CDS     27402321        27402935        .       +
        0       Parent=Smp_148410.1
SM_V9_2 iris    gene    27406915        27469720        .       -
        .
ID=Smp_148400;geneID=Smp_148400;gene_name=Smp_148400;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27406915        27469720        .       -
        .
ID=Smp_148400.1;Parent=Smp_148400;geneID=Smp_148400;gene_name=Smp_14
8400;owner=irisadmin@local.host;orig_id=Smp_148390.1;date_last_modif
ied=2022-08-17;Name=Smp_148400.1;product=Calmodulin-binding
transcription activator 2;date_creation=2022-08-17
SM_V9_2 iris    exon    27406915        27408198        .       -
        .       Parent=Smp_148400.1;Name=eac32c3b-23a1-443a-a663-
b0f0a80c1851
SM_V9_2 iris    exon    27409128        27409155        .       -
        .
Parent=Smp_148400.1;Name=1d1d7717-8edb-47b3-8003-90f21f266c54
SM_V9_2 iris    exon    27409796        27409855        .       -
        .
Parent=Smp_148400.1;Name=cf2a51e9-7409-4961-8d35-4305eb30ace2
SM_V9_2 iris    exon    27410686        27410843        .       -
        .       Parent=Smp_148400.1;Name=13d6195e-
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a8dd-4ce2-9f59-8021576a905f
SM_V9_2 iris    exon    27411511        27412414        .       -
        .       Parent=Smp_148400.1;Name=217c9c98-a792-4164-
ab81-534f02583e72
SM_V9_2 iris    exon    27413766        27414382        .       -
        .       Parent=Smp_148400.1;Name=5480f67f-896d-49b0-
a58a-69a5b6597d41
SM_V9_2 iris    exon    27416916        27417602        .       -
        .       Parent=Smp_148400.1;Name=74005ebd-8a3d-4b19-
a314-0535c4a36c13
SM_V9_2 iris    exon    27419397        27419587        .       -
        .
Parent=Smp_148400.1;Name=fb087fab-60e0-42f1-89c5-0996d0641e48
SM_V9_2 iris    exon    27420433        27420578        .       -
        .       Parent=Smp_148400.1;Name=5876516f-a93d-419b-8aff-
e4bf5e1703c3
SM_V9_2 iris    exon    27425428        27425678        .       -
        .       Parent=Smp_148400.1;Name=c00388b3-
bc57-4611-94a2-2c79c62b9028
SM_V9_2 iris    exon    27427844        27428097        .       -
        .       Parent=Smp_148400.1;Name=decb52a1-9402-4873-99fc-
c7a71dd10250
SM_V9_2 iris    exon    27428832        27428964        .       -
        .       Parent=Smp_148400.1;Name=a6bf857d-6086-4229-
aef1-0eb7a053b45a
SM_V9_2 iris    exon    27434694        27434759        .       -
        .       Parent=Smp_148400.1;Name=48b9209d-6396-4aab-
ac57-4292d88fb971
SM_V9_2 iris    exon    27434909        27434972        .       -
        .       Parent=Smp_148400.1;Name=134d6b8e-581b-49e2-880c-
d2aa42e958c0
SM_V9_2 iris    exon    27436177        27437069        .       -
        .       Parent=Smp_148400.1;Name=15ab863f-12fa-46e3-
a1ec-35256077beaa
SM_V9_2 iris    exon    27438874        27438962        .       -
        .       Parent=Smp_148400.1;Name=b331d2e3-4428-4998-9441-
f06d7cd06c3f
SM_V9_2 iris    exon    27447100        27447427        .       -
        .       Parent=Smp_148400.1;Name=8826e1db-abec-48ec-
baa6-69fef308a4f1
SM_V9_2 iris    exon    27452156        27452214        .       -
        .       Parent=Smp_148400.1;Name=399bf877-1db8-4a52-85fa-
ff5352201128
SM_V9_2 iris    exon    27454742        27454886        .       -
        .       Parent=Smp_148400.1;Name=c8d1d443-1d48-4c88-b1d0-
d4410c35f213
SM_V9_2 iris    exon    27455893        27455964        .       -
        .       Parent=Smp_148400.1;Name=d2b8a279-1b9a-4b0f-95dc-
f4f8d50f0120
SM_V9_2 iris    exon    27457139        27457280        .       -
        .       Parent=Smp_148400.1;Name=1fbcb476-cc23-423c-98f5-
d6672122b726
SM_V9_2 iris    exon    27458108        27458175        .       -
        .       Parent=Smp_148400.1;Name=02ea7eb6-
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fe67-4894-98dd-8e6e72887d21
SM_V9_2 iris    exon    27459683        27460096        .       -
        .       Parent=Smp_148400.1;Name=48ab9bb7-3fe1-4515-b118-
c4abbcf33fb5
SM_V9_2 iris    exon    27469657        27469720        .       -
        .       Parent=Smp_148400.1;Name=bbbd6a07-67bb-4b19-ba17-
a62654b93517
SM_V9_2 iris    CDS     27408028        27408198        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27409128        27409155        .       -
        1       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27409796        27409855        .       -
        1       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27410686        27410843        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27411511        27412414        .       -
        1       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27413766        27414382        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27416916        27417602        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27419397        27419587        .       -
        2       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27420433        27420578        .       -
        1       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27425428        27425678        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27427844        27428097        .       -
        2       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27428832        27428964        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27434694        27434759        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27434909        27434972        .       -
        1       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27436177        27437069        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27438874        27438962        .       -
        2       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27447100        27447427        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27452156        27452214        .       -
        2       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27454742        27454886        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27455893        27455964        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27457139        27457280        .       -
        1       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27458108        27458175        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    CDS     27459683        27459928        .       -
        0       Parent=Smp_148400.1
SM_V9_2 iris    mRNA    27414498        27469720        .       -
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        .
ID=Smp_148400.2;Parent=Smp_148400;geneID=Smp_148400;gene_name=Smp_14
8400;owner=irisadmin@local.host;date_last_modified=2022-08-17;Name=S
mp_148400.2;product=Calmodulin-binding transcription activator
2;date_creation=2022-08-17
SM_V9_2 iris    exon    27414498        27414730        .       -
        .       Parent=Smp_148400.2;Name=Smp_148400.2-CDS
SM_V9_2 iris    exon    27416916        27417602        .       -
        .       Parent=Smp_148400.2;Name=1cc152f8-
f7d5-41fc-9037-6c20979a3762
SM_V9_2 iris    exon    27419397        27419587        .       -
        .       Parent=Smp_148400.2;Name=d9af5e23-
ba6a-458e-8f29-4e74b750c605
SM_V9_2 iris    exon    27420433        27420578        .       -
        .       Parent=Smp_148400.2;Name=d6d1f1db-4899-4e91-
b74d-117ea6716ca6
SM_V9_2 iris    exon    27425428        27425678        .       -
        .
Parent=Smp_148400.2;Name=ada12d3f-52af-4db4-85ef-956367777212
SM_V9_2 iris    exon    27427844        27428097        .       -
        .       Parent=Smp_148400.2;Name=dfa73af4-eeaf-4934-
a359-6d6491eef626
SM_V9_2 iris    exon    27428832        27428964        .       -
        .
Parent=Smp_148400.2;Name=c825726f-60af-4acf-86ce-0511628c9291
SM_V9_2 iris    exon    27434909        27434972        .       -
        .
Parent=Smp_148400.2;Name=c763488b-8e43-4ddf-8b45-3250dd4ea87e
SM_V9_2 iris    exon    27436177        27437069        .       -
        .       Parent=Smp_148400.2;Name=9fa8bc0c-ac17-4051-
b088-68e0b47b6b77
SM_V9_2 iris    exon    27438874        27438962        .       -
        .
Parent=Smp_148400.2;Name=0eb0a58d-8a81-4465-8e72-58fc30b815bd
SM_V9_2 iris    exon    27447100        27447427        .       -
        .       Parent=Smp_148400.2;Name=c5db91e0-
da10-42cb-8898-2f3596cf9c4c
SM_V9_2 iris    exon    27452156        27452214        .       -
        .       Parent=Smp_148400.2;Name=e216592e-3091-48af-
b5a0-4f3a6ab6e212
SM_V9_2 iris    exon    27454742        27454886        .       -
        .       Parent=Smp_148400.2;Name=99432ae6-b14e-45c1-a316-
d7b46d1b0ce6
SM_V9_2 iris    exon    27455893        27455964        .       -
        .       Parent=Smp_148400.2;Name=a2d9e676-99c9-455d-
a085-51a624d449bc
SM_V9_2 iris    exon    27457139        27457280        .       -
        .       Parent=Smp_148400.2;Name=d36b9705-7d7d-4385-
a81e-509f70ed0f16
SM_V9_2 iris    exon    27458108        27458175        .       -
        .       Parent=Smp_148400.2;Name=f4b6cbff-7097-44fa-84cc-
d4bf8605f5a7
SM_V9_2 iris    exon    27459683        27460096        .       -
        .       Parent=Smp_148400.2;Name=73a8f731-2a2e-47ba-b239-
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cef2733f9a83
SM_V9_2 iris    exon    27469657        27469720        .       -
        .       Parent=Smp_148400.2;Name=d862d800-f14e-4812-
a2fa-1f60b97aa79e
SM_V9_2 iris    CDS     27414713        27414730        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27416916        27417602        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27419397        27419587        .       -
        2       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27420433        27420578        .       -
        1       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27425428        27425678        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27427844        27428097        .       -
        2       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27428832        27428964        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27434909        27434972        .       -
        1       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27436177        27437069        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27438874        27438962        .       -
        2       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27447100        27447427        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27452156        27452214        .       -
        2       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27454742        27454886        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27455893        27455964        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27457139        27457280        .       -
        1       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27458108        27458175        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    CDS     27459683        27459928        .       -
        0       Parent=Smp_148400.2
SM_V9_2 iris    gene    27473415        27485019        .       -
        .
ID=Smp_049010;geneID=Smp_049010;gene_name=Smp_049010;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    27473415        27485019        .       -
        .
ID=Smp_049010.1;Parent=Smp_049010;geneID=Smp_049010;gene_name=Smp_04
9010;owner=irisadmin@local.host;orig_id=Smp_049010.1;date_last_modif
ied=2022-07-10;Name=Smp_049010.1;product=RNA-binding protein
Nova-1;date_creation=2022-07-10
SM_V9_2 iris    exon    27473415        27476975        .       -
        .       Parent=Smp_049010.1;Name=ccbe01b6-0ba3-442b-ba8f-
b344984f593c
SM_V9_2 iris    exon    27482440        27482593        .       -
        .       Parent=Smp_049010.1;Name=d7b1e6ce-6a12-4646-9e03-
fa7bfef6806a
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SM_V9_2 iris    exon    27483832        27483980        .       -
        .       Parent=Smp_049010.1;Name=e0d2b516-d344-4d45-892e-
a10eecf5b325
SM_V9_2 iris    exon    27484028        27484165        .       -
        .       Parent=Smp_049010.1;Name=4769b795-0853-4de9-
b7fb-9be79932e0d8
SM_V9_2 iris    exon    27484865        27485019        .       -
        .       Parent=Smp_049010.1;Name=585db2f1-67dc-480e-a5e7-
d652324240e5
SM_V9_2 iris    CDS     27475537        27476975        .       -
        2       Parent=Smp_049010.1
SM_V9_2 iris    CDS     27482440        27482593        .       -
        0       Parent=Smp_049010.1
SM_V9_2 iris    CDS     27483832        27483980        .       -
        2       Parent=Smp_049010.1
SM_V9_2 iris    CDS     27484028        27484165        .       -
        2       Parent=Smp_049010.1
SM_V9_2 iris    CDS     27484865        27484985        .       -
        0       Parent=Smp_049010.1
SM_V9_2 iris    gene    27490606        27491268        .       -
        .
ID=Smp_328260;geneID=Smp_328260;gene_name=Smp_328260;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27490606        27491268        .       -
        .
ID=Smp_328260.1;Parent=Smp_328260;geneID=Smp_328260;gene_name=Smp_32
8260;owner=irisadmin@local.host;orig_id=Smp_328260.1;date_last_modif
ied=2022-08-17;Name=Smp_328260.1;product=SURP and G-patch domain-
containing protein 1-like protein;date_creation=2022-08-17
SM_V9_2 iris    exon    27490606        27490702        .       -
        .       Parent=Smp_328260.1;Name=a503037a-e46e-4259-bba0-
fdc3b983ebd1
SM_V9_2 iris    exon    27490742        27490876        .       -
        .
Parent=Smp_328260.1;Name=b7d62196-3d75-467d-9c42-8ed9c898de8d
SM_V9_2 iris    exon    27490931        27490959        .       -
        .       Parent=Smp_328260.1;Name=91d933dd-1498-490b-a855-
a421d98367cf
SM_V9_2 iris    exon    27490996        27491030        .       -
        .       Parent=Smp_328260.1;Name=4a673a8e-6ad9-45e6-
bb2f-93f39e747c64
SM_V9_2 iris    exon    27491066        27491109        .       -
        .       Parent=Smp_328260.1;Name=e8650844-edf9-483f-89ef-
d4e1e7b05d2b
SM_V9_2 iris    exon    27491144        27491268        .       -
        .       Parent=Smp_328260.1;Name=13274391-9fc9-47ca-
a21e-152c5ccc86fc
SM_V9_2 iris    CDS     27490695        27490702        .       -
        2       Parent=Smp_328260.1
SM_V9_2 iris    CDS     27490742        27490876        .       -
        2       Parent=Smp_328260.1
SM_V9_2 iris    CDS     27490931        27490959        .       -
        1       Parent=Smp_328260.1
SM_V9_2 iris    CDS     27490996        27491030        .       -
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        0       Parent=Smp_328260.1
SM_V9_2 iris    CDS     27491066        27491109        .       -
        2       Parent=Smp_328260.1
SM_V9_2 iris    CDS     27491144        27491210        .       -
        0       Parent=Smp_328260.1
SM_V9_2 iris    gene    27501167        27524731        .       +
        .
ID=Smp_049000;geneID=Smp_049000;gene_name=Smp_049000;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27501167        27524731        .       +
        .
ID=Smp_049000.1;Parent=Smp_049000;geneID=Smp_049000;gene_name=Smp_04
9000;owner=irisadmin@local.host;orig_id=Smp_049000.1;date_last_modif
ied=2022-08-17;Name=Smp_049000.1;product=SURP and G-patch domain-
containing protein 1;date_creation=2022-08-17
SM_V9_2 iris    exon    27501167        27501260        .       +
        .       Parent=Smp_049000.1;Name=5f1e88cd-
a3ce-4bf4-95b6-274ff8789ab0
SM_V9_2 iris    exon    27501295        27501338        .       +
        .       Parent=Smp_049000.1;Name=da9c1c58-bb14-49ca-
be38-5d73737658d8
SM_V9_2 iris    exon    27501374        27501408        .       +
        .       Parent=Smp_049000.1;Name=07c5d8e1-f96c-4291-
b929-28fb8eee78d2
SM_V9_2 iris    exon    27501445        27501473        .       +
        .       Parent=Smp_049000.1;Name=8598e119-c62b-4509-98ae-
bc71f4291772
SM_V9_2 iris    exon    27501542        27501662        .       +
        .       Parent=Smp_049000.1;Name=bc1714fb-3896-4e43-
a76e-367391d89975
SM_V9_2 iris    exon    27501702        27501793        .       +
        .
Parent=Smp_049000.1;Name=0434f1b3-1186-4b52-8890-3f68072e0a64
SM_V9_2 iris    exon    27508214        27508402        .       +
        .       Parent=Smp_049000.1;Name=67aed755-5f88-4127-
bbcc-7a948f756526
SM_V9_2 iris    exon    27511753        27511835        .       +
        .
Parent=Smp_049000.1;Name=588f93ad-527c-443b-89fa-05170d70ebb2
SM_V9_2 iris    exon    27515773        27515986        .       +
        .       Parent=Smp_049000.1;Name=a934d819-787e-44f2-9119-
a999a212b2fd
SM_V9_2 iris    exon    27516644        27516741        .       +
        .       Parent=Smp_049000.1;Name=cb8e2565-
b6f8-41d9-8786-2aaa232181b4
SM_V9_2 iris    exon    27518347        27518501        .       +
        .
Parent=Smp_049000.1;Name=2cd76b14-0bc2-44ea-9d0f-549821a4d2c4
SM_V9_2 iris    exon    27518631        27518760        .       +
        .       Parent=Smp_049000.1;Name=bf477a90-257c-4832-bea7-
c37d65d18335
SM_V9_2 iris    exon    27524425        27524731        .       +
        .       Parent=Smp_049000.1;Name=2f6ca2b4-9320-4287-
b18c-3fa17d249658
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SM_V9_2 iris    CDS     27501194        27501260        .       +
        0       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27501295        27501338        .       +
        2       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27501374        27501408        .       +
        0       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27501445        27501473        .       +
        1       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27501542        27501662        .       +
        2       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27501702        27501793        .       +
        1       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27508214        27508402        .       +
        2       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27511753        27511835        .       +
        2       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27515773        27515986        .       +
        0       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27516644        27516741        .       +
        2       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27518347        27518501        .       +
        0       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27518631        27518760        .       +
        1       Parent=Smp_049000.1
SM_V9_2 iris    CDS     27524425        27524451        .       +
        0       Parent=Smp_049000.1
SM_V9_2 iris    gene    27526141        27543027        .       +
        .
ID=Smp_048990;geneID=Smp_048990;gene_name=Smp_048990;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27526141        27543027        .       +
        .
ID=Smp_048990.1;Parent=Smp_048990;geneID=Smp_048990;gene_name=Smp_04
8990;owner=irisadmin@local.host;orig_id=Smp_048990.1;date_last_modif
ied=2022-08-17;Name=Smp_048990.1;product=beclin
1;date_creation=2022-08-17
SM_V9_2 iris    exon    27526141        27526358        .       +
        .       Parent=Smp_048990.1;Name=081286a3-ca63-40fa-
a703-85b0465a5174
SM_V9_2 iris    exon    27527351        27527447        .       +
        .
Parent=Smp_048990.1;Name=db61959a-1445-45c7-8936-735f6d74b82a
SM_V9_2 iris    exon    27527935        27528028        .       +
        .       Parent=Smp_048990.1;Name=c0bab470-dcc0-4feb-
afe2-21f720a9bbc5
SM_V9_2 iris    exon    27532826        27532962        .       +
        .
Parent=Smp_048990.1;Name=d00b9284-7a6f-4957-861a-6b56ee0f5753
SM_V9_2 iris    exon    27533995        27534585        .       +
        .       Parent=Smp_048990.1;Name=4bd78efe-2cfe-457f-
bdbd-514048a8efb9
SM_V9_2 iris    exon    27536291        27536498        .       +
        .       Parent=Smp_048990.1;Name=05948b62-7ed4-4cc7-
a678-12ca45bbefe1
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SM_V9_2 iris    exon    27537250        27537338        .       +
        .       Parent=Smp_048990.1;Name=4f81dcc8-2b2b-4566-9c04-
e69e8ffd9f5c
SM_V9_2 iris    exon    27538533        27538643        .       +
        .       Parent=Smp_048990.1;Name=c18f7241-f0fa-473e-96a1-
e39f8652046c
SM_V9_2 iris    exon    27540749        27540892        .       +
        .       Parent=Smp_048990.1;Name=959131c8-568c-4805-
b1b8-2e9cb044700a
SM_V9_2 iris    exon    27542533        27543027        .       +
        .       Parent=Smp_048990.1;Name=a1839801-
e237-4993-841d-33f09aefe0aa
SM_V9_2 iris    CDS     27526181        27526358        .       +
        0       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27527351        27527447        .       +
        2       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27527935        27528028        .       +
        1       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27532826        27532962        .       +
        0       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27533995        27534585        .       +
        1       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27536291        27536498        .       +
        1       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27537250        27537338        .       +
        0       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27538533        27538643        .       +
        1       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27540749        27540892        .       +
        1       Parent=Smp_048990.1
SM_V9_2 iris    CDS     27542533        27542677        .       +
        1       Parent=Smp_048990.1
SM_V9_2 Liftoff gene    27550109        27585723        .       -
        .       ID=Smp_048980;geneID=Smp_048980
SM_V9_2 Liftoff mRNA    27550109        27585723        .       -
        .
ID=Smp_048980.1;Parent=Smp_048980;geneID=Smp_048980;product=Ligand
of Numb protein X
2;polypeptide_domain=InterPro:IPR001478,IPR001841,IPR013083,IPR01790
7,IPR027370 Pfam:PF00595,PF13445;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    27550109        27551366        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27554143        27554621        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27556784        27556948        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27559435        27559890        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27563355        27563502        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27569266        27569332        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27570046        27570190        .       -
        .       Parent=Smp_048980.1
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SM_V9_2 Liftoff exon    27571831        27571914        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27573014        27573123        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27573736        27574211        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27575884        27576044        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27577688        27578218        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff exon    27578600        27585723        .       -
        .       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27551231        27551366        .       -
        1       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27554143        27554621        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27556784        27556948        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27559435        27559890        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27563355        27563502        .       -
        1       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27569266        27569332        .       -
        2       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27570046        27570190        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27571831        27571914        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27573014        27573123        .       -
        2       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27573736        27574211        .       -
        1       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27575884        27576044        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27577688        27578218        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff CDS     27578600        27578809        .       -
        0       Parent=Smp_048980.1
SM_V9_2 Liftoff gene    27599117        27604111        .       +
        .       ID=Smp_048970;geneID=Smp_048970
SM_V9_2 Liftoff mRNA    27599117        27604111        .       +
        .
ID=Smp_048970.1;Parent=Smp_048970;geneID=Smp_048970;product=Mediator
of RNA polymerase II transcription subunit
4;polypeptide_domain=InterPro:IPR019258
Pfam:PF10018;Ontology_term=GO:0001104,GO:0006357,GO:0016592
SM_V9_2 Liftoff exon    27599117        27599843        .       +
        .       Parent=Smp_048970.1
SM_V9_2 Liftoff exon    27599886        27599989        .       +
        .       Parent=Smp_048970.1
SM_V9_2 Liftoff exon    27600037        27600152        .       +
        .       Parent=Smp_048970.1
SM_V9_2 Liftoff exon    27600190        27600595        .       +
        .       Parent=Smp_048970.1
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SM_V9_2 Liftoff exon    27603459        27604111        .       +
        .       Parent=Smp_048970.1
SM_V9_2 Liftoff CDS     27599776        27599843        .       +
        0       Parent=Smp_048970.1
SM_V9_2 Liftoff CDS     27599886        27599989        .       +
        1       Parent=Smp_048970.1
SM_V9_2 Liftoff CDS     27600037        27600152        .       +
        2       Parent=Smp_048970.1
SM_V9_2 Liftoff CDS     27600190        27600595        .       +
        0       Parent=Smp_048970.1
SM_V9_2 Liftoff CDS     27603459        27604003        .       +
        2       Parent=Smp_048970.1
SM_V9_2 iris    gene    27605773        27657203        .       -
        .
ID=Smp_148370;geneID=Smp_148370;gene_name=Smp_148370;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27605773        27657203        .       -
        .
ID=Smp_148370.1;Parent=Smp_148370;geneID=Smp_148370;gene_name=Smp_14
8370;owner=irisadmin@local.host;orig_id=Smp_148370.1;date_last_modif
ied=2022-08-17;Name=Smp_148370.1;product=Thyroid receptor-
interacting protein 11;date_creation=2022-08-17
SM_V9_2 iris    exon    27605773        27606318        .       -
        .       Parent=Smp_148370.1;Name=c10cb536-8c5e-4e26-
a7b4-1a808a10dce3
SM_V9_2 iris    exon    27612661        27612777        .       -
        .
Parent=Smp_148370.1;Name=9892fc17-12f8-4367-85b0-7e43cfbed632
SM_V9_2 iris    exon    27613673        27613787        .       -
        .       Parent=Smp_148370.1;Name=322a26f2-305d-4f87-abaa-
d32422b564ef
SM_V9_2 iris    exon    27614413        27614494        .       -
        .       Parent=Smp_148370.1;Name=eecd86a9-bf43-4ed7-92f1-
db3e0010b5c3
SM_V9_2 iris    exon    27616070        27616273        .       -
        .       Parent=Smp_148370.1;Name=ad22c594-e103-45f7-
b95a-5f74eed892f8
SM_V9_2 iris    exon    27620910        27621162        .       -
        .       Parent=Smp_148370.1;Name=30febc03-b68e-42a7-
bc59-2a2b4ae3cbd2
SM_V9_2 iris    exon    27622669        27622833        .       -
        .
Parent=Smp_148370.1;Name=c9175de6-553b-4906-8e50-252b39a0b3fe
SM_V9_2 iris    exon    27624540        27625367        .       -
        .       Parent=Smp_148370.1;Name=3c118b24-9534-4942-af4e-
cb063b9eaa07
SM_V9_2 iris    exon    27626414        27626971        .       -
        .       Parent=Smp_148370.1;Name=f3e6b10c-7bba-496e-9560-
f168cb036541
SM_V9_2 iris    exon    27629237        27629437        .       -
        .       Parent=Smp_148370.1;Name=d750bcaa-d4b9-4dcc-
b917-5b8d38bca953
SM_V9_2 iris    exon    27630505        27630988        .       -
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Parent=Smp_148370.1;Name=008a14e6-8b7f-4700-98b4-18129dd02dfb
SM_V9_2 iris    exon    27632055        27632100        .       -
        .       Parent=Smp_148370.1;Name=c8d867b4-8dff-496f-aefa-
f4e783aae817
SM_V9_2 iris    exon    27633774        27633834        .       -
        .       Parent=Smp_148370.1;Name=23e51e54-bc5d-486e-8df5-
dc9925e5228b
SM_V9_2 iris    exon    27634678        27634745        .       -
        .       Parent=Smp_148370.1;Name=5fdf735f-3004-48af-
ae94-17e0bdb42dc6
SM_V9_2 iris    exon    27636158        27636494        .       -
        .       Parent=Smp_148370.1;Name=dcba1697-
a3af-481c-9c1e-792bfc83cec2
SM_V9_2 iris    exon    27637905        27637973        .       -
        .       Parent=Smp_148370.1;Name=1f13a382-d266-4451-
b722-433bba6d52bb
SM_V9_2 iris    exon    27640441        27640574        .       -
        .       Parent=Smp_148370.1;Name=cb1c6be2-4eb9-42e4-b26e-
b2970b067ae4
SM_V9_2 iris    exon    27641380        27641515        .       -
        .
Parent=Smp_148370.1;Name=50732e6b-0406-4b34-9ace-9bad9311624a
SM_V9_2 iris    exon    27642151        27642261        .       -
        .
Parent=Smp_148370.1;Name=79828140-59e4-47e8-9395-7e41e1069d9a
SM_V9_2 iris    exon    27642295        27642371        .       -
        .       Parent=Smp_148370.1;Name=6ceab9ad-9e31-4d5d-a527-
fb6173a727fd
SM_V9_2 iris    exon    27642406        27642727        .       -
        .       Parent=Smp_148370.1;Name=3cb7add8-e989-4192-88b8-
c6b4e4bdc5e9
SM_V9_2 iris    exon    27657113        27657203        .       -
        .       Parent=Smp_148370.1;Name=a55a6f4d-f1d7-4414-
b7fd-9b3f78656296
SM_V9_2 iris    CDS     27606058        27606318        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27612661        27612777        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27613673        27613787        .       -
        1       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27614413        27614494        .       -
        2       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27616070        27616273        .       -
        2       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27620910        27621162        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27622669        27622833        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27624540        27625367        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27626414        27626971        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27629237        27629437        .       -
        0       Parent=Smp_148370.1
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SM_V9_2 iris    CDS     27630505        27630988        .       -
        1       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27632055        27632100        .       -
        2       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27633774        27633834        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27634678        27634745        .       -
        2       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27636158        27636494        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27637905        27637973        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27640441        27640574        .       -
        2       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27641380        27641515        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27642151        27642261        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27642295        27642371        .       -
        2       Parent=Smp_148370.1
SM_V9_2 iris    CDS     27642406        27642496        .       -
        0       Parent=Smp_148370.1
SM_V9_2 iris    gene    27661364        27668214        .       +
        .
ID=Smp_048940;geneID=Smp_048940;gene_name=Smp_048940;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27661364        27668214        .       +
        .
ID=Smp_048940.1;Parent=Smp_048940;geneID=Smp_048940;gene_name=Smp_04
8940;owner=irisadmin@local.host;orig_id=Smp_048940.1;date_last_modif
ied=2022-08-17;Name=Smp_048940.1;product=Vacuolar protein sorting-
associated protein 37B;date_creation=2022-08-17
SM_V9_2 iris    exon    27661364        27661440        .       +
        .       Parent=Smp_048940.1;Name=062ce20b-1d16-4749-a5a1-
c1ca2439f106
SM_V9_2 iris    exon    27667028        27667178        .       +
        .       Parent=Smp_048940.1;Name=eb0ec766-051b-4203-9614-
eebe08d0c690
SM_V9_2 iris    exon    27667237        27667408        .       +
        .       Parent=Smp_048940.1;Name=0115df8a-40a6-4948-
b00f-760636b686d5
SM_V9_2 iris    exon    27667446        27667528        .       +
        .       Parent=Smp_048940.1;Name=58a8ace0-a397-4d97-
a504-75651ae9bf47
SM_V9_2 iris    exon    27667564        27668214        .       +
        .       Parent=Smp_048940.1;Name=2f9acae1-b701-4f6b-
ae74-06b4370b3a22
SM_V9_2 iris    CDS     27667041        27667178        .       +
        0       Parent=Smp_048940.1
SM_V9_2 iris    CDS     27667237        27667408        .       +
        0       Parent=Smp_048940.1
SM_V9_2 iris    CDS     27667446        27667528        .       +
        2       Parent=Smp_048940.1
SM_V9_2 iris    CDS     27667564        27667860        .       +
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        0       Parent=Smp_048940.1
SM_V9_2 iris    gene    27674586        27688351        .       -
        .
ID=Smp_048930;geneID=Smp_048930;gene_name=Smp_048930;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27674586        27688351        .       -
        .
ID=Smp_048930.1;Parent=Smp_048930;geneID=Smp_048930;gene_name=Smp_04
8930;owner=irisadmin@local.host;orig_id=Smp_048930.1;date_last_modif
ied=2022-08-17;Name=Smp_048930.1;product=Ran guanine nucleotide
release factor;date_creation=2022-08-17
SM_V9_2 iris    exon    27674586        27674795        .       -
        .       Parent=Smp_048930.1;Name=db3aab4f-
e298-434a-8520-441342ddec4f
SM_V9_2 iris    exon    27676385        27676540        .       -
        .       Parent=Smp_048930.1;Name=0ffa3a2f-1b31-478f-
b6e6-69795083b94c
SM_V9_2 iris    exon    27679933        27680025        .       -
        .       Parent=Smp_048930.1;Name=9da58c42-cb7b-41ce-ad70-
c9279f9b152d
SM_V9_2 iris    exon    27682438        27682554        .       -
        .
Parent=Smp_048930.1;Name=66311296-7da6-4693-9173-0d5555a694ed
SM_V9_2 iris    exon    27683919        27683990        .       -
        .       Parent=Smp_048930.1;Name=7c6492e6-7622-41fc-
ab5e-8939fb71bd8a
SM_V9_2 iris    exon    27688014        27688351        .       -
        .       Parent=Smp_048930.1;Name=d30baf57-8738-4648-a0ef-
d710938687b5
SM_V9_2 iris    CDS     27674633        27674795        .       -
        1       Parent=Smp_048930.1
SM_V9_2 iris    CDS     27676385        27676540        .       -
        1       Parent=Smp_048930.1
SM_V9_2 iris    CDS     27679933        27680025        .       -
        1       Parent=Smp_048930.1
SM_V9_2 iris    CDS     27682438        27682554        .       -
        1       Parent=Smp_048930.1
SM_V9_2 iris    CDS     27683919        27683990        .       -
        1       Parent=Smp_048930.1
SM_V9_2 iris    CDS     27688014        27688018        .       -
        0       Parent=Smp_048930.1
SM_V9_2 iris    gene    27689528        27702731        .       -
        .
ID=Smp_148360;geneID=Smp_148360;gene_name=Smp_148360;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    27689528        27702731        .       -
        .
ID=Smp_148360.1;Parent=Smp_148360;geneID=Smp_148360;gene_name=Smp_14
8360;owner=irisadmin@local.host;orig_id=Smp_148360.1;date_last_modif
ied=2022-08-17;Name=Smp_148360.1;product=SET domain containing
protein;date_creation=2022-08-17
SM_V9_2 iris    exon    27689528        27690268        .       -
        .       Parent=Smp_148360.1;Name=c01db7da-5657-490f-af25-
dde761b86286
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SM_V9_2 iris    exon    27690746        27690915        .       -
        .       Parent=Smp_148360.1;Name=5a124e05-ea6b-4460-
b314-4d04f58ab259
SM_V9_2 iris    exon    27691063        27691145        .       -
        .
Parent=Smp_148360.1;Name=39e9193d-3241-48ae-92c8-96ec0908c6c0
SM_V9_2 iris    exon    27691934        27692000        .       -
        .       Parent=Smp_148360.1;Name=2766a371-8ea2-4b3f-
b132-8879ca710208
SM_V9_2 iris    exon    27693403        27693502        .       -
        .
Parent=Smp_148360.1;Name=80be608a-6f7c-424f-8877-2091a522bf6e
SM_V9_2 iris    exon    27694204        27694278        .       -
        .       Parent=Smp_148360.1;Name=0d3b3f76-6f26-44a1-
ac6f-296a17b51f5e
SM_V9_2 iris    exon    27698523        27698637        .       -
        .       Parent=Smp_148360.1;Name=1965c860-23c7-403e-
a126-1276ce94823d
SM_V9_2 iris    exon    27701630        27701750        .       -
        .       Parent=Smp_148360.1;Name=daa3efbe-0f30-409c-
bf54-722e4aefeafd
SM_V9_2 iris    exon    27701788        27701868        .       -
        .       Parent=Smp_148360.1;Name=30b6be19-2e61-49f3-
be88-7043a80eebae
SM_V9_2 iris    exon    27701900        27702013        .       -
        .       Parent=Smp_148360.1;Name=c9c63725-e41e-4de9-
b061-3625e39725a3
SM_V9_2 iris    exon    27702047        27702131        .       -
        .       Parent=Smp_148360.1;Name=48ff655d-c628-4f21-
bad5-68cc786314dc
SM_V9_2 iris    exon    27702157        27702284        .       -
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SM_V9_2 iris    exon    27702317        27702409        .       -
        .
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d2b9c75bfcec
SM_V9_2 iris    CDS     27690086        27690268        .       -
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SM_V9_2 iris    CDS     27690746        27690915        .       -
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SM_V9_2 iris    CDS     27691063        27691145        .       -
        1       Parent=Smp_148360.1
SM_V9_2 iris    CDS     27691934        27692000        .       -
        2       Parent=Smp_148360.1
SM_V9_2 iris    CDS     27693403        27693502        .       -
        0       Parent=Smp_148360.1
SM_V9_2 iris    CDS     27694204        27694278        .       -
        0       Parent=Smp_148360.1
SM_V9_2 iris    CDS     27698523        27698637        .       -
        1       Parent=Smp_148360.1
SM_V9_2 iris    CDS     27701630        27701750        .       -
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SM_V9_2 iris    CDS     27701900        27702013        .       -
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SM_V9_2 iris    CDS     27702047        27702131        .       -
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SM_V9_2 iris    CDS     27702157        27702284        .       -
        2       Parent=Smp_148360.1
SM_V9_2 iris    CDS     27702317        27702409        .       -
        2       Parent=Smp_148360.1
SM_V9_2 iris    CDS     27702440        27702521        .       -
        0       Parent=Smp_148360.1
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        .
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SM_V9_2 iris    mRNA    27711165        27758762        .       +
        .
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protein 1A;date_creation=2022-07-10
SM_V9_2 iris    exon    27711165        27711236        .       +
        .
Parent=Smp_245830.1;Name=b61de61d-7c15-41b0-9541-7297ded553b0
SM_V9_2 iris    exon    27711309        27711361        .       +
        .
Parent=Smp_245830.1;Name=f6cccb03-9b81-4395-8d46-91dc705f579a
SM_V9_2 iris    exon    27712652        27712736        .       +
        .       Parent=Smp_245830.1;Name=90614ba1-cf75-44e6-
a263-128d58c3e2e3
SM_V9_2 iris    exon    27712783        27712893        .       +
        .       Parent=Smp_245830.1;Name=7a995056-0733-4ba0-8f01-
f731d2ea9ab5
SM_V9_2 iris    exon    27714170        27714347        .       +
        .
Parent=Smp_245830.1;Name=c60aa018-12b1-475f-8cbd-751788ec0755
SM_V9_2 iris    exon    27715260        27715304        .       +
        .       Parent=Smp_245830.1;Name=19142aa3-b238-4543-99bd-
d0d822bffe75
SM_V9_2 iris    exon    27715347        27715408        .       +
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SM_V9_2 iris    exon    27716144        27716242        .       +
        .       Parent=Smp_245830.1;Name=5f6869f8-42cb-444e-
bb97-6d61021dbd42
SM_V9_2 iris    exon    27736228        27736278        .       +
        .       Parent=Smp_245830.1;Name=e97954ec-09f3-4f2b-
a838-45315ea46f83
SM_V9_2 iris    exon    27736329        27736374        .       +
        .       Parent=Smp_245830.1;Name=ded585ec-3313-46d9-
baa7-5a58fb6fa078
SM_V9_2 iris    exon    27736598        27736732        .       +
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SM_V9_2 iris    exon    27742713        27742846        .       +
        .       Parent=Smp_245830.1;Name=14aee435-dcbc-448a-8ab0-
cf6d01a6d88f
SM_V9_2 iris    exon    27746554        27746889        .       +
        .       Parent=Smp_245830.1;Name=bf50e71c-8bce-4405-
aab4-6ede7a604e04
SM_V9_2 iris    exon    27748437        27748675        .       +
        .       Parent=Smp_245830.1;Name=ace08b26-2728-4773-
a71c-0d9409975450
SM_V9_2 iris    exon    27750425        27750836        .       +
        .       Parent=Smp_245830.1;Name=b4df5088-db0c-4cae-a2ef-
b9118c57e91f
SM_V9_2 iris    exon    27754157        27754538        .       +
        .
Parent=Smp_245830.1;Name=086cf0bf-2163-4787-87aa-12a85b5b193f
SM_V9_2 iris    exon    27755864        27756285        .       +
        .       Parent=Smp_245830.1;Name=4d94e7ca-
a5c7-4a63-8599-323a53125c63
SM_V9_2 iris    exon    27757795        27758762        .       +
        .       Parent=Smp_245830.1;Name=23bc1daa-6c7a-49c6-
aaf4-2f1f2fdbf204
SM_V9_2 iris    CDS     27711217        27711236        .       +
        0       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27711309        27711361        .       +
        1       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27712652        27712736        .       +
        2       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27712783        27712893        .       +
        1       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27714170        27714347        .       +
        1       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27715260        27715304        .       +
        0       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27715347        27715408        .       +
        0       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27716144        27716242        .       +
        1       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27736228        27736278        .       +
        1       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27736329        27736374        .       +
        1       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27736598        27736732        .       +
        0       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27740069        27740234        .       +
        0       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27742713        27742846        .       +
        2       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27746554        27746889        .       +
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SM_V9_2 iris    CDS     27748437        27748675        .       +
        0       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27750425        27750836        .       +
        1       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27754157        27754538        .       +
        0       Parent=Smp_245830.1
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        2       Parent=Smp_245830.1
SM_V9_2 iris    CDS     27757795        27757974        .       +
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SM_V9_2 iris    gene    27760382        27768201        .       -
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    27760382        27768201        .       -
        .
ID=Smp_048880.1;Parent=Smp_048880;geneID=Smp_048880;gene_name=Smp_04
8880;owner=irisadmin@local.host;orig_id=Smp_048880.1;date_last_modif
ied=2022-07-18;Name=Smp_048880.1;product=MICOS complex subunit
MIC25;date_creation=2022-07-10
SM_V9_2 iris    exon    27760382        27761140        .       -
        .       Parent=Smp_048880.1;Name=b3c7bffd-7b27-470b-
ab77-7420052f28d0
SM_V9_2 iris    exon    27762463        27762598        .       -
        .       Parent=Smp_048880.1;Name=911f0287-94b9-4d64-b7d2-
e09feb6e0a51
SM_V9_2 iris    exon    27765817        27765887        .       -
        .
Parent=Smp_048880.1;Name=c95f3fca-4a78-4eb2-8809-8f5f7342d23f
SM_V9_2 iris    exon    27767325        27767437        .       -
        .       Parent=Smp_048880.1;Name=8fb40d60-2d45-49e1-
a529-357eee215ff0
SM_V9_2 iris    exon    27767471        27767531        .       -
        .       Parent=Smp_048880.1;Name=23d038bb-4a17-49ca-
b441-0de08fb1e76c
SM_V9_2 iris    exon    27767565        27767626        .       -
        .
Parent=Smp_048880.1;Name=ed97f561-09b7-43d0-9f26-11cc21d88dca
SM_V9_2 iris    exon    27768162        27768201        .       -
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ae7d-4783-9d16-4cb8d5c7b8e9
SM_V9_2 iris    CDS     27761108        27761140        .       -
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SM_V9_2 iris    CDS     27762463        27762598        .       -
        1       Parent=Smp_048880.1
SM_V9_2 iris    CDS     27765817        27765887        .       -
        0       Parent=Smp_048880.1
SM_V9_2 iris    CDS     27767325        27767437        .       -
        2       Parent=Smp_048880.1
SM_V9_2 iris    CDS     27767471        27767531        .       -
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SM_V9_2 iris    CDS     27767565        27767624        .       -
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SM_V9_2 Liftoff gene    27775225        27786747        .       +
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        .
ID=Smp_344100.1;Parent=Smp_344100;geneID=Smp_344100;product=Syntaxin
-7;polypeptide_domain=InterPro:IPR000727,IPR010989
Pfam:PF05739;Ontology_term=GO:0016020,GO:0016192
SM_V9_2 Liftoff exon    27775225        27775385        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff exon    27775421        27775486        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff exon    27775523        27775592        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff exon    27775627        27775714        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff exon    27775749        27775823        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff exon    27778762        27778950        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff exon    27784335        27784490        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff exon    27785985        27786747        .       +
        .       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27775346        27775385        .       +
        0       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27775421        27775486        .       +
        2       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27775523        27775592        .       +
        2       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27775627        27775714        .       +
        1       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27775749        27775823        .       +
        0       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27778762        27778950        .       +
        0       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27784335        27784490        .       +
        0       Parent=Smp_344100.1
SM_V9_2 Liftoff CDS     27785985        27786092        .       +
        0       Parent=Smp_344100.1
SM_V9_2 Liftoff gene    27786896        27880881        .       -
        .
ID=Smp_245840;geneID=Smp_245840;previous_systematic_id=Smp_148300,Sm
p_148310
SM_V9_2 Liftoff mRNA    27786896        27789721        .       -
        .
ID=Smp_245840.2;Parent=Smp_245840;geneID=Smp_245840;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    27786896        27789721        .       -
        .       Parent=Smp_245840.2
SM_V9_2 Liftoff CDS     27788071        27788745        .       -
        0       Parent=Smp_245840.2
SM_V9_2 Liftoff mRNA    27786896        27817181        .       -
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Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_2 Liftoff exon    27786896        27788951        .       -
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SM_V9_2 Liftoff exon    27790966        27791437        .       -
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SM_V9_2 Liftoff exon    27792444        27792484        .       -
        .       Parent=Smp_245840.3
SM_V9_2 Liftoff exon    27795869        27797039        .       -
        .       Parent=Smp_245840.3
SM_V9_2 Liftoff exon    27813124        27817181        .       -
        .       Parent=Smp_245840.3
SM_V9_2 Liftoff CDS     27788071        27788951        .       -
        2       Parent=Smp_245840.3
SM_V9_2 Liftoff CDS     27790966        27791437        .       -
        0       Parent=Smp_245840.3
SM_V9_2 Liftoff CDS     27792444        27792484        .       -
        2       Parent=Smp_245840.3
SM_V9_2 Liftoff CDS     27795869        27797039        .       -
        0       Parent=Smp_245840.3
SM_V9_2 Liftoff CDS     27813124        27815490        .       -
        0       Parent=Smp_245840.3
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56,GO:0016020
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SM_V9_2 Liftoff exon    27792444        27792484        .       -
        .       Parent=Smp_245840.1
SM_V9_2 Liftoff exon    27795869        27797039        .       -
        .       Parent=Smp_245840.1
SM_V9_2 Liftoff exon    27813124        27880881        .       -
        .       Parent=Smp_245840.1
SM_V9_2 Liftoff CDS     27790949        27791437        .       -
        0       Parent=Smp_245840.1
SM_V9_2 Liftoff CDS     27792444        27792484        .       -
        2       Parent=Smp_245840.1
SM_V9_2 Liftoff CDS     27795869        27797039        .       -
        0       Parent=Smp_245840.1
SM_V9_2 Liftoff CDS     27813124        27815490        .       -
        0       Parent=Smp_245840.1
SM_V9_2 Liftoff gene    27922603        27931151        .       -
        .       ID=Smp_048830;geneID=Smp_048830
SM_V9_2 Liftoff mRNA    27922603        27931151        .       -
        .
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3;polypeptide_domain=InterPro:IPR012576
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Pfam:PF08122;Ontology_term=GO:0005739,GO:0005747,GO:0022900
SM_V9_2 Liftoff exon    27922603        27926511        .       -
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SM_V9_2 Liftoff exon    27929258        27931151        .       -
        .       Parent=Smp_048830.1
SM_V9_2 Liftoff CDS     27926340        27926511        .       -
        1       Parent=Smp_048830.1
SM_V9_2 Liftoff CDS     27929258        27929370        .       -
        0       Parent=Smp_048830.1
SM_V9_2 Liftoff gene    27940300        27952421        .       -
        .       ID=Smp_148290;geneID=Smp_148290
SM_V9_2 Liftoff mRNA    27940300        27952421        .       -
        .
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Pfam:PF00569;Ontology_term=GO:0008270
SM_V9_2 Liftoff exon    27940300        27941003        .       -
        .       Parent=Smp_148290.1
SM_V9_2 Liftoff exon    27952110        27952421        .       -
        .       Parent=Smp_148290.1
SM_V9_2 Liftoff CDS     27940420        27941003        .       -
        2       Parent=Smp_148290.1
SM_V9_2 Liftoff CDS     27952110        27952278        .       -
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SM_V9_2 iris    mRNA    27960907        27968770        .       +
        .
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enhancer;date_creation=2022-08-17
SM_V9_2 iris    exon    27960907        27960980        .       +
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a583-58c842a337c3
SM_V9_2 iris    exon    27965326        27965557        .       +
        .       Parent=Smp_148280.1;Name=8dd29cd7-e657-45ee-
ad02-16ab5c6fa143
SM_V9_2 iris    exon    27965594        27965733        .       +
        .       Parent=Smp_148280.1;Name=dd4d3ad4-b5dd-45e4-8f9a-
b9bc8e38b0fc
SM_V9_2 iris    exon    27965767        27965976        .       +
        .       Parent=Smp_148280.1;Name=7f272919-5440-4fca-97b6-
d27e31b7e2be
SM_V9_2 iris    exon    27967245        27967598        .       +
        .       Parent=Smp_148280.1;Name=33d3ad70-4006-4140-
b3c0-3eb3d1745830
SM_V9_2 iris    exon    27968553        27968770        .       +
        .       Parent=Smp_148280.1;Name=a981735c-17a7-414d-b910-
b6e237ce2954
SM_V9_2 iris    CDS     27965536        27965557        .       +
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SM_V9_2 iris    CDS     27965594        27965733        .       +
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SM_V9_2 iris    CDS     27965767        27965976        .       +
        0       Parent=Smp_148280.1
SM_V9_2 iris    CDS     27967245        27967598        .       +
        0       Parent=Smp_148280.1
SM_V9_2 iris    CDS     27968553        27968594        .       +
        0       Parent=Smp_148280.1
SM_V9_2 iris    gene    27969828        28036401        .       -
        .
ID=Smp_212360;geneID=Smp_212360;gene_name=Smp_212360;owner=irisadmin
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SM_V9_2 iris    mRNA    27969828        28012171        .       -
        .
ID=Smp_212360.2;Parent=Smp_212360;geneID=Smp_212360;gene_name=Smp_21
2360;owner=irisadmin@local.host;orig_id=Smp_212360.2;date_last_modif
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protein 1C;date_creation=2022-08-17
SM_V9_2 iris    exon    27969828        27970539        .       -
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SM_V9_2 iris    exon    27970776        27971034        .       -
        .       Parent=Smp_212360.2;Name=e4fa2abe-aedc-4205-
b34c-7cc756b6c0ed
SM_V9_2 iris    exon    27975223        27975863        .       -
        .       Parent=Smp_212360.2;Name=142d62fe-315f-4a17-
bc0f-886493ecd740
SM_V9_2 iris    exon    27978001        27978810        .       -
        .       Parent=Smp_212360.2;Name=3b2dd00c-
b5b5-4e35-836e-96e4ebb222b7
SM_V9_2 iris    exon    27986407        27986535        .       -
        .       Parent=Smp_212360.2;Name=a76c6a82-6b49-4512-
b38d-54c291b18b55
SM_V9_2 iris    exon    27993311        27993493        .       -
        .       Parent=Smp_212360.2;Name=98c8a42d-f506-49b9-858f-
a89d930aaaeb
SM_V9_2 iris    exon    27997145        27997254        .       -
        .       Parent=Smp_212360.2;Name=a117e51d-873b-42c0-
adbc-5b2c30f6b305
SM_V9_2 iris    exon    27998546        27998567        .       -
        .       Parent=Smp_212360.2;Name=5742c198-5f9f-4ee1-
b0f6-69cc0a8476d3
SM_V9_2 iris    exon    27999014        27999097        .       -
        .       Parent=Smp_212360.2;Name=604a6b4d-9e9d-4fdc-
b52d-095e14c3d284
SM_V9_2 iris    exon    28009675        28009956        .       -
        .       Parent=Smp_212360.2;Name=4177760d-ec91-4121-9974-
f9e8c75eb22e
SM_V9_2 iris    exon    28012111        28012171        .       -
        .
Parent=Smp_212360.2;Name=3fa63fbc-31c2-4035-85a8-7bddd33592a3
SM_V9_2 iris    CDS     27970384        27970539        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27970776        27971034        .       -
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        1       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27975223        27975863        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27978001        27978810        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27986407        27986535        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27993311        27993493        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27997145        27997254        .       -
        2       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27998546        27998567        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    CDS     27999014        27999097        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    CDS     28009675        28009953        .       -
        0       Parent=Smp_212360.2
SM_V9_2 iris    mRNA    27969828        28036401        .       -
        .
ID=Smp_212360.1;Parent=Smp_212360;geneID=Smp_212360;gene_name=Smp_21
2360;owner=irisadmin@local.host;orig_id=Smp_212360.3;date_last_modif
ied=2022-08-17;Name=Smp_212360.1;product=GRAM domain-containing
protein 1C;date_creation=2022-08-17
SM_V9_2 iris    exon    27969828        27970539        .       -
        .       Parent=Smp_212360.1;Name=fd60c52d-3ee7-470a-a0d2-
f3b88027ebff
SM_V9_2 iris    exon    27970776        27971034        .       -
        .
Parent=Smp_212360.1;Name=1d64f578-1100-4b72-99bd-6c2b605b183f
SM_V9_2 iris    exon    27975223        27975863        .       -
        .       Parent=Smp_212360.1;Name=3193e2de-e061-45a6-ab87-
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SM_V9_2 iris    exon    27978001        27978810        .       -
        .       Parent=Smp_212360.1;Name=2dbfc73c-6375-4ed1-
b40d-669693900399
SM_V9_2 iris    exon    27986407        27986535        .       -
        .
Parent=Smp_212360.1;Name=1334491c-18c1-47ce-8493-06157f690a52
SM_V9_2 iris    exon    27990409        27990429        .       -
        .       Parent=Smp_212360.1;Name=80e2fc76-0ff8-420d-a102-
de3430cc5cef
SM_V9_2 iris    exon    27993311        27993493        .       -
        .       Parent=Smp_212360.1;Name=3e68e181-1953-468a-8a8e-
da4cadbc67f8
SM_V9_2 iris    exon    27997145        27997254        .       -
        .       Parent=Smp_212360.1;Name=afc8c6af-54b8-4269-
bef1-15ec0944a52b
SM_V9_2 iris    exon    27998546        27998567        .       -
        .       Parent=Smp_212360.1;Name=056d83b0-d575-4944-
addd-3c4497f0e92e
SM_V9_2 iris    exon    27999014        27999097        .       -
        .       Parent=Smp_212360.1;Name=5e3ac3cc-
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SM_V9_2 iris    exon    28022705        28023001        .       -
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        .       Parent=Smp_212360.1;Name=d4b12db9-7881-4fd0-b26a-
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SM_V9_2 iris    exon    28030182        28030587        .       -
        .       Parent=Smp_212360.1;Name=14fde079-
f803-4c3d-8f4c-5917507f3703
SM_V9_2 iris    exon    28036262        28036401        .       -
        .
Parent=Smp_212360.1;Name=e288d42d-794f-465f-8543-8b1d8f34b3bd
SM_V9_2 iris    CDS     27970384        27970539        .       -
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SM_V9_2 iris    CDS     27970776        27971034        .       -
        1       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27975223        27975863        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27978001        27978810        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27986407        27986535        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27990409        27990429        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27993311        27993493        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27997145        27997254        .       -
        2       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27998546        27998567        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     27999014        27999097        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     28022705        28023001        .       -
        0       Parent=Smp_212360.1
SM_V9_2 iris    CDS     28030182        28030505        .       -
        0       Parent=Smp_212360.1
SM_V9_2 Liftoff gene    28049175        28059319        .       +
        .       ID=Smp_148260;geneID=Smp_148260
SM_V9_2 Liftoff mRNA    28049175        28059319        .       +
        .
ID=Smp_148260.1;Parent=Smp_148260;geneID=Smp_148260;product=Unconven
tional prefoldin RPB5
interactor;polypeptide_domain=InterPro:IPR004127 Pfam:PF02996
SM_V9_2 Liftoff exon    28049175        28059319        .       +
        .       Parent=Smp_148260.1
SM_V9_2 Liftoff CDS     28058016        28059101        .       +
        0       Parent=Smp_148260.1
SM_V9_2 iris    gene    28061475        28164646        .       -
        .
ID=Smp_148250;geneID=Smp_148250;gene_name=Smp_148250;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    28061475        28164646        .       -
        .
ID=Smp_148250.1;Parent=Smp_148250;geneID=Smp_148250;gene_name=Smp_14
8250;owner=irisadmin@local.host;orig_id=Smp_148250.2;date_last_modif
ied=2022-08-17;Name=Smp_148250.1;product=Protein unc-79
homolog;date_creation=2022-08-17
SM_V9_2 iris    exon    28061475        28062285        .       -
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Parent=Smp_148250.1;Name=c7964f86-992d-48c7-9a2f-741e2bb96f4f
SM_V9_2 iris    exon    28066882        28066926        .       -
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Parent=Smp_148250.1;Name=eb6fc163-296c-4e33-9b4f-40eccb6f3bc4
SM_V9_2 iris    exon    28068710        28068784        .       -
        .       Parent=Smp_148250.1;Name=c135e8b8-fc94-4760-
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SM_V9_2 iris    exon    28069932        28070072        .       -
        .       Parent=Smp_148250.1;Name=e43a273c-7185-44e2-
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SM_V9_2 iris    exon    28075597        28075647        .       -
        .       Parent=Smp_148250.1;Name=5f5da96d-
d476-4b5b-9f0f-9bd3bad0a458
SM_V9_2 iris    exon    28076980        28077169        .       -
        .       Parent=Smp_148250.1;Name=161b78bf-755a-47cc-8686-
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SM_V9_2 iris    exon    28077310        28078367        .       -
        .       Parent=Smp_148250.1;Name=ca8e8bed-4594-4fdf-8ddf-
ed8bc9aac582
SM_V9_2 iris    exon    28079984        28080157        .       -
        .       Parent=Smp_148250.1;Name=4055f603-
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SM_V9_2 iris    exon    28082252        28082356        .       -
        .       Parent=Smp_148250.1;Name=cfa9d3a9-0608-432c-
be72-4ecc1d04ce6d
SM_V9_2 iris    exon    28084855        28084962        .       -
        .
Parent=Smp_148250.1;Name=9747f719-1960-435e-99ae-0a709a7f9e3f
SM_V9_2 iris    exon    28087828        28088180        .       -
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Parent=Smp_148250.1;Name=2c14019d-5f69-43d4-8c5d-8c8edbec40b8
SM_V9_2 iris    exon    28089816        28089934        .       -
        .       Parent=Smp_148250.1;Name=4c81e268-4040-4740-
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SM_V9_2 iris    exon    28091374        28092027        .       -
        .
Parent=Smp_148250.1;Name=f2ae9010-8184-46c9-9a71-3a034ce6fe33
SM_V9_2 iris    exon    28095806        28095890        .       -
        .       Parent=Smp_148250.1;Name=f3854108-7062-428c-
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SM_V9_2 iris    exon    28097140        28097227        .       -
        .       Parent=Smp_148250.1;Name=87fc4c28-c189-426a-816e-
b0cdb8dd2124
SM_V9_2 iris    exon    28103938        28104315        .       -
        .       Parent=Smp_148250.1;Name=ff57431d-f93c-47ac-b053-
f59019818b51
SM_V9_2 iris    exon    28105399        28105649        .       -
        .       Parent=Smp_148250.1;Name=9923c82d-822d-4dde-8f44-
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SM_V9_2 iris    exon    28111628        28112168        .       -
        .       Parent=Smp_148250.1;Name=21161c9f-
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SM_V9_2 iris    exon    28114128        28114353        .       -
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        .       Parent=Smp_148250.1;Name=8f14ae13-d532-4bdd-a099-
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SM_V9_2 iris    exon    28118145        28118535        .       -
        .       Parent=Smp_148250.1;Name=d75ea52d-0312-4a8d-
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SM_V9_2 iris    exon    28120080        28120181        .       -
        .       Parent=Smp_148250.1;Name=84ce0d51-5d9e-4c44-a270-
c4abf21c060e
SM_V9_2 iris    exon    28121015        28121308        .       -
        .       Parent=Smp_148250.1;Name=922b17f6-bcb5-4c0b-b8af-
eec8d6be6403
SM_V9_2 iris    exon    28122658        28122856        .       -
        .       Parent=Smp_148250.1;Name=54d9ef9d-
bc74-4fdc-9015-983c585606a7
SM_V9_2 iris    exon    28124695        28125265        .       -
        .       Parent=Smp_148250.1;Name=56d30a1f-504e-41bd-affa-
fb0473c86ab0
SM_V9_2 iris    exon    28126501        28127233        .       -
        .       Parent=Smp_148250.1;Name=a89f4032-2059-4c84-994e-
f557b35fe372
SM_V9_2 iris    exon    28128237        28128687        .       -
        .       Parent=Smp_148250.1;Name=a28e4560-3c5b-4f8b-b7ce-
dbe3865b69df
SM_V9_2 iris    exon    28130472        28131275        .       -
        .       Parent=Smp_148250.1;Name=ee9e2ffe-0f48-4908-
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SM_V9_2 iris    exon    28132722        28132845        .       -
        .       Parent=Smp_148250.1;Name=dfc82609-85f6-4382-
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SM_V9_2 iris    exon    28134716        28134804        .       -
        .       Parent=Smp_148250.1;Name=6aa7e6a9-b472-4968-
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SM_V9_2 iris    exon    28136340        28136427        .       -
        .       Parent=Smp_148250.1;Name=4adbe048-
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SM_V9_2 iris    exon    28138370        28138473        .       -
        .       Parent=Smp_148250.1;Name=7dc92d4e-
a3ae-42ad-96c5-390047967ba9
SM_V9_2 iris    exon    28139393        28139430        .       -
        .
Parent=Smp_148250.1;Name=8974f997-565d-40b4-8de8-1f2ffc70fd17
SM_V9_2 iris    exon    28142702        28142743        .       -
        .
Parent=Smp_148250.1;Name=eb64e414-077c-4f77-977d-2e8adba1cb13
SM_V9_2 iris    exon    28144918        28144984        .       -
        .       Parent=Smp_148250.1;Name=72b7844b-4fb0-4c9e-9e0a-
ba4c01b346ff
SM_V9_2 iris    exon    28146060        28146272        .       -
        .       Parent=Smp_148250.1;Name=3962f8f6-
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SM_V9_2 iris    exon    28146703        28147053        .       -
        .       Parent=Smp_148250.1;Name=a5897bea-a6ad-43c5-b7c4-
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SM_V9_2 iris    exon    28149221        28149529        .       -
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        .       Parent=Smp_148250.1;Name=d441d1d8-
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SM_V9_2 iris    exon    28155381        28155515        .       -
        .       Parent=Smp_148250.1;Name=412183b8-275f-42c5-
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SM_V9_2 iris    exon    28156587        28156654        .       -
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Parent=Smp_148250.1;Name=c372ed14-6a1f-43e4-81b1-8fc4c2944269
SM_V9_2 iris    exon    28157690        28157831        .       -
        .       Parent=Smp_148250.1;Name=2c3e4cba-6c0b-4a80-
b02c-986ffd7115c1
SM_V9_2 iris    exon    28158109        28158164        .       -
        .       Parent=Smp_148250.1;Name=03a30171-fccf-4c99-
b197-77e90a3699e2
SM_V9_2 iris    exon    28159549        28159632        .       -
        .       Parent=Smp_148250.1;Name=e5b81a5a-90d8-4e53-
acd0-4c6a9e8df955
SM_V9_2 iris    exon    28162581        28162751        .       -
        .       Parent=Smp_148250.1;Name=313ff8c1-7c56-4fb9-978f-
ef91ce41bcc5
SM_V9_2 iris    exon    28164185        28164345        .       -
        .
Parent=Smp_148250.1;Name=59c20ab6-6bda-4f1b-904a-023cb3170099
SM_V9_2 iris    exon    28164380        28164500        .       -
        .       Parent=Smp_148250.1;Name=33380051-6c43-4483-
be29-1472a32d97d1
SM_V9_2 iris    exon    28164542        28164646        .       -
        .       Parent=Smp_148250.1;Name=8609866c-3e92-4908-
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SM_V9_2 iris    CDS     28061728        28062285        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28066882        28066926        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28068710        28068784        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28069932        28070072        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28075597        28075647        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28076980        28077169        .       -
        1       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28077310        28078367        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28079984        28080157        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28082252        28082356        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28084855        28084962        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28087828        28088180        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28089816        28089934        .       -
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SM_V9_2 iris    CDS     28091374        28092027        .       -
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        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28111628        28112168        .       -
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        1       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28118145        28118535        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28120080        28120181        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28121015        28121308        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28122658        28122856        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28124695        28125265        .       -
        1       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28126501        28127233        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28128237        28128687        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28130472        28131275        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28132722        28132845        .       -
        1       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28134716        28134804        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28136340        28136427        .       -
        1       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28138370        28138473        .       -
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SM_V9_2 iris    CDS     28139393        28139430        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28142702        28142743        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28144918        28144984        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28146060        28146272        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28146703        28147053        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28149221        28149529        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28155381        28155515        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28156587        28156654        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28157690        28157831        .       -
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        0       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28158109        28158164        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28159549        28159632        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28162581        28162751        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28164185        28164345        .       -
        1       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28164380        28164500        .       -
        2       Parent=Smp_148250.1
SM_V9_2 iris    CDS     28164542        28164566        .       -
        0       Parent=Smp_148250.1
SM_V9_2 iris    gene    28168474        28180295        .       +
        .
ID=Smp_048760;geneID=Smp_048760;gene_name=Smp_048760;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    28168474        28180295        .       +
        .
ID=Smp_048760.1;Parent=Smp_048760;geneID=Smp_048760;gene_name=Smp_04
8760;owner=irisadmin@local.host;orig_id=Smp_048760.1;date_last_modif
ied=2022-08-17;Name=Smp_048760.1;product=SUMO-activating enzyme
subunit 1;date_creation=2022-08-17
SM_V9_2 iris    exon    28168474        28168518        .       +
        .
Parent=Smp_048760.1;Name=5b003102-0133-4969-8524-519539afcbca
SM_V9_2 iris    exon    28170257        28170414        .       +
        .       Parent=Smp_048760.1;Name=5361d828-0077-4783-
a52e-3af7ba79ce4e
SM_V9_2 iris    exon    28171612        28171956        .       +
        .       Parent=Smp_048760.1;Name=62550a80-8d99-4bd6-
b5b5-99b65ee1b21a
SM_V9_2 iris    exon    28172006        28172280        .       +
        .       Parent=Smp_048760.1;Name=a80473c1-
f121-4ad3-8302-3ef80b958bf6
SM_V9_2 iris    exon    28175459        28175570        .       +
        .
Parent=Smp_048760.1;Name=b58f06ae-84cf-41eb-8631-53a30bb1b75d
SM_V9_2 iris    exon    28176522        28176627        .       +
        .       Parent=Smp_048760.1;Name=a75867f8-e60b-495a-a795-
e6e0d4a23d4d
SM_V9_2 iris    exon    28178225        28178345        .       +
        .       Parent=Smp_048760.1;Name=4bf43af5-a64c-4738-
b469-2c79cbdc468a
SM_V9_2 iris    exon    28179309        28179381        .       +
        .       Parent=Smp_048760.1;Name=7d470ecb-
b3c4-48f5-8a18-26a4bd28a014
SM_V9_2 iris    exon    28180146        28180295        .       +
        .       Parent=Smp_048760.1;Name=2009a04e-2a6a-43f1-b42a-
f902c34b21ba
SM_V9_2 iris    CDS     28171687        28171956        .       +
        0       Parent=Smp_048760.1
SM_V9_2 iris    CDS     28172006        28172280        .       +
        0       Parent=Smp_048760.1
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SM_V9_2 iris    CDS     28175459        28175570        .       +
        1       Parent=Smp_048760.1
SM_V9_2 iris    CDS     28176522        28176627        .       +
        0       Parent=Smp_048760.1
SM_V9_2 iris    CDS     28178225        28178345        .       +
        2       Parent=Smp_048760.1
SM_V9_2 iris    CDS     28179309        28179381        .       +
        1       Parent=Smp_048760.1
SM_V9_2 iris    CDS     28180146        28180247        .       +
        0       Parent=Smp_048760.1
SM_V9_2 Liftoff gene    28180297        28193175        .       -
        .       ID=Smp_148230;geneID=Smp_148230
SM_V9_2 Liftoff mRNA    28180297        28193175        .       -
        .
ID=Smp_148230.1;Parent=Smp_148230;geneID=Smp_148230;product=Crooked
neck-like protein
1;polypeptide_domain=InterPro:IPR003107,IPR011990,IPR013026
Pfam:PF02184;Ontology_term=GO:0005515,GO:0006396
SM_V9_2 Liftoff exon    28180297        28180751        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28181504        28181761        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28182944        28183138        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28184519        28184665        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28185928        28186140        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28186812        28186940        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28187518        28187679        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28190842        28191020        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28191155        28191480        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28192756        28193000        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff exon    28193036        28193175        .       -
        .       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28180368        28180751        .       -
        0       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28181504        28181761        .       -
        0       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28182944        28183138        .       -
        0       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28184519        28184665        .       -
        0       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28185928        28186140        .       -
        0       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28186812        28186940        .       -
        0       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28187518        28187679        .       -
        0       Parent=Smp_148230.1
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SM_V9_2 Liftoff CDS     28190842        28191020        .       -
        2       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28191155        28191480        .       -
        1       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28192756        28193000        .       -
        0       Parent=Smp_148230.1
SM_V9_2 Liftoff CDS     28193036        28193104        .       -
        0       Parent=Smp_148230.1
SM_V9_2 iris    gene    28199361        28222062        .       +
        .
ID=Smp_148220;geneID=Smp_148220;gene_name=Smp_148220;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    28199361        28222062        .       +
        .
ID=Smp_148220.1;Parent=Smp_148220;geneID=Smp_148220;gene_name=Smp_14
8220;owner=irisadmin@local.host;orig_id=Smp_148220.1;date_last_modif
ied=2022-08-17;Name=Smp_148220.1;product=WD repeat-containing
protein 6;date_creation=2022-08-17
SM_V9_2 iris    exon    28199361        28199459        .       +
        .       Parent=Smp_148220.1;Name=98b7a2f0-
d6c2-42f1-9b2f-8c725f1eb10c
SM_V9_2 iris    exon    28200109        28200335        .       +
        .       Parent=Smp_148220.1;Name=2b11d67b-1262-4272-9d1a-
f7eec5aa44f8
SM_V9_2 iris    exon    28200382        28200655        .       +
        .       Parent=Smp_148220.1;Name=475bc7c7-85bd-44d4-
bdbf-097649cf147a
SM_V9_2 iris    exon    28200702        28200876        .       +
        .       Parent=Smp_148220.1;Name=cdd6bd61-5144-413a-87c4-
e89a91a4b671
SM_V9_2 iris    exon    28200963        28201229        .       +
        .       Parent=Smp_148220.1;Name=4c431b14-
a7dc-4a6f-9d0b-66732e143dfc
SM_V9_2 iris    exon    28203326        28203460        .       +
        .
Parent=Smp_148220.1;Name=f3aefb26-449b-4534-9266-0701e8c28aad
SM_V9_2 iris    exon    28204047        28204220        .       +
        .
Parent=Smp_148220.1;Name=cf7dc9e7-2099-4823-9ab5-650eed16374b
SM_V9_2 iris    exon    28205265        28205350        .       +
        .
Parent=Smp_148220.1;Name=2e172ef5-1411-4f32-8856-3b03f1ce35b5
SM_V9_2 iris    exon    28207886        28208124        .       +
        .       Parent=Smp_148220.1;Name=8dc4b252-
f772-4fa0-964a-999919e56037
SM_V9_2 iris    exon    28210205        28210314        .       +
        .       Parent=Smp_148220.1;Name=df20aefd-8ef3-4b97-
aa88-87f256ac6be8
SM_V9_2 iris    exon    28212289        28212498        .       +
        .
Parent=Smp_148220.1;Name=7fbbd8ad-6284-43b4-87b6-041dad51771a
SM_V9_2 iris    exon    28214558        28214833        .       +
        .       Parent=Smp_148220.1;Name=5ed8bfc2-dd78-4847-
be6b-15f8a6c13baa
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SM_V9_2 iris    exon    28215695        28216060        .       +
        .       Parent=Smp_148220.1;Name=9070f093-3935-432b-851c-
ca4773a0d076
SM_V9_2 iris    exon    28216894        28216975        .       +
        .       Parent=Smp_148220.1;Name=c2c0f3c6-d9c3-4b34-825d-
bf4100261ad1
SM_V9_2 iris    exon    28218398        28218511        .       +
        .
Parent=Smp_148220.1;Name=1da42852-95ab-4ff0-8402-3a984c855738
SM_V9_2 iris    exon    28219677        28220127        .       +
        .       Parent=Smp_148220.1;Name=8899f31e-5566-450b-af3c-
cb2ceb37d9be
SM_V9_2 iris    exon    28221072        28222062        .       +
        .       Parent=Smp_148220.1;Name=7af0694a-4c12-4deb-a66c-
b166fcdb26c6
SM_V9_2 iris    CDS     28200146        28200335        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28200382        28200655        .       +
        2       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28200702        28200876        .       +
        1       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28200963        28201229        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28203326        28203460        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28204047        28204220        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28205265        28205350        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28207886        28208124        .       +
        1       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28210205        28210314        .       +
        2       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28212289        28212498        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28214558        28214833        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28215695        28216060        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28216894        28216975        .       +
        0       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28218398        28218511        .       +
        2       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28219677        28220127        .       +
        2       Parent=Smp_148220.1
SM_V9_2 iris    CDS     28221072        28221939        .       +
        1       Parent=Smp_148220.1
SM_V9_2 Liftoff gene    28301301        28403886        .       +
        .
ID=Smp_245850;geneID=Smp_245850;previous_systematic_id=Smp_148210,Sm
p_156210
SM_V9_2 Liftoff mRNA    28301301        28403886        .       +
        .
ID=Smp_245850.1;Parent=Smp_245850;geneID=Smp_245850;product=biogenic
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amine (5HT) receptor (serotonin receptor);evidence=Traceable Author
Statement;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_2 Liftoff exon    28301301        28303930        .       +
        .       Parent=Smp_245850.1
SM_V9_2 Liftoff exon    28398568        28398649        .       +
        .       Parent=Smp_245850.1
SM_V9_2 Liftoff exon    28401208        28403886        .       +
        .       Parent=Smp_245850.1
SM_V9_2 Liftoff CDS     28301846        28303930        .       +
        0       Parent=Smp_245850.1
SM_V9_2 Liftoff CDS     28398568        28398649        .       +
        0       Parent=Smp_245850.1
SM_V9_2 Liftoff CDS     28401208        28401713        .       +
        2       Parent=Smp_245850.1
SM_V9_2 iris    gene    28452153        28469647        .       -
        .
ID=Smp_014850;geneID=Smp_014850;gene_name=Smp_014850;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    28452153        28469647        .       -
        .
ID=Smp_014850.1;Parent=Smp_014850;geneID=Smp_014850;gene_name=Smp_01
4850;owner=irisadmin@local.host;orig_id=Smp_014850.1;date_last_modif
ied=2022-07-10;Name=Smp_014850.1;product=Cytoplasmic protein
NCK2;date_creation=2022-07-10
SM_V9_2 iris    exon    28452153        28454883        .       -
        .
Parent=Smp_014850.1;Name=f90816f9-77cb-4432-9ec8-45b4e4b906e5
SM_V9_2 iris    exon    28457024        28457783        .       -
        .
Parent=Smp_014850.1;Name=a4c1dd3e-70fe-4967-9aac-005f8c21be5a
SM_V9_2 iris    exon    28463677        28464026        .       -
        .
Parent=Smp_014850.1;Name=8be78578-0ce5-431c-9dc5-374852c201c7
SM_V9_2 iris    exon    28465004        28465387        .       -
        .       Parent=Smp_014850.1;Name=1bd46a25-8b42-4279-
ae89-25e33f981596
SM_V9_2 iris    exon    28465430        28465623        .       -
        .
Parent=Smp_014850.1;Name=fa900bc6-92b8-4c01-8978-8b48d9df20e3
SM_V9_2 iris    exon    28469537        28469647        .       -
        .       Parent=Smp_014850.1;Name=7a1f57ac-b0ad-4080-
b8f0-3f97809f63a3
SM_V9_2 iris    CDS     28454491        28454883        .       -
        0       Parent=Smp_014850.1
SM_V9_2 iris    CDS     28457024        28457783        .       -
        1       Parent=Smp_014850.1
SM_V9_2 iris    CDS     28463677        28464026        .       -
        0       Parent=Smp_014850.1
SM_V9_2 iris    CDS     28465004        28465387        .       -
        0       Parent=Smp_014850.1
SM_V9_2 iris    CDS     28465430        28465621        .       -
        0       Parent=Smp_014850.1
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SM_V9_2 iris    gene    28477911        28540192        .       +
        .
ID=Smp_014840;geneID=Smp_014840;gene_name=Smp_014840;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    28477911        28540192        .       +
        .
ID=Smp_014840.1;Parent=Smp_014840;geneID=Smp_014840;gene_name=Smp_01
4840;owner=irisadmin@local.host;orig_id=Smp_014840.1;date_last_modif
ied=2022-07-10;Name=Smp_014840.1;product=Transcriptional coactivator
YAP1;date_creation=2022-07-10
SM_V9_2 iris    exon    28477911        28478391        .       +
        .       Parent=Smp_014840.1;Name=8bf25a83-a5d9-4530-be10-
c59ee81ed7e3
SM_V9_2 iris    exon    28478430        28478567        .       +
        .       Parent=Smp_014840.1;Name=21c9d8d3-3384-41d5-
a996-22a72e3c42dc
SM_V9_2 iris    exon    28478603        28478738        .       +
        .       Parent=Smp_014840.1;Name=30c1096b-846c-4f6a-
bcf0-258d4bea306b
SM_V9_2 iris    exon    28511424        28511884        .       +
        .
Parent=Smp_014840.1;Name=c9490233-2db6-4f50-995e-76724a87944f
SM_V9_2 iris    exon    28515571        28516181        .       +
        .       Parent=Smp_014840.1;Name=78aafd78-3416-4794-8e78-
d58c973597de
SM_V9_2 iris    exon    28537348        28537400        .       +
        .       Parent=Smp_014840.1;Name=8466a221-0ef9-492d-
ba09-9cf75537eead
SM_V9_2 iris    exon    28539784        28540192        .       +
        .       Parent=Smp_014840.1;Name=aa8bfb51-eb0a-4a46-
bd83-486bedd06f6a
SM_V9_2 iris    CDS     28477970        28478391        .       +
        0       Parent=Smp_014840.1
SM_V9_2 iris    CDS     28478430        28478567        .       +
        1       Parent=Smp_014840.1
SM_V9_2 iris    CDS     28478603        28478738        .       +
        1       Parent=Smp_014840.1
SM_V9_2 iris    CDS     28511424        28511884        .       +
        0       Parent=Smp_014840.1
SM_V9_2 iris    CDS     28515571        28516181        .       +
        1       Parent=Smp_014840.1
SM_V9_2 iris    CDS     28537348        28537400        .       +
        2       Parent=Smp_014840.1
SM_V9_2 iris    CDS     28539784        28539846        .       +
        0       Parent=Smp_014840.1
SM_V9_2 Liftoff gene    28554199        28556190        .       +
        .       ID=Smp_130220;geneID=Smp_130220
SM_V9_2 Liftoff mRNA    28554199        28556190        .       +
        .
ID=Smp_130220.1;Parent=Smp_130220;geneID=Smp_130220;product=Putative
pseudouridine synthase B0024.11
SM_V9_2 Liftoff exon    28554199        28556190        .       +
        .       Parent=Smp_130220.1
SM_V9_2 Liftoff CDS     28554226        28556097        .       +
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        0       Parent=Smp_130220.1
SM_V9_2 Liftoff gene    28559257        28566645        .       -
        .       ID=Smp_014800;geneID=Smp_014800
SM_V9_2 Liftoff mRNA    28559257        28566645        .       -
        .
ID=Smp_014800.1;Parent=Smp_014800;geneID=Smp_014800;product=PRA1
family protein 3;polypeptide_domain=InterPro:IPR004895 Pfam:PF03208
SM_V9_2 Liftoff exon    28559257        28559607        .       -
        .       Parent=Smp_014800.1
SM_V9_2 Liftoff exon    28559648        28559853        .       -
        .       Parent=Smp_014800.1
SM_V9_2 Liftoff exon    28559893        28566645        .       -
        .       Parent=Smp_014800.1
SM_V9_2 Liftoff CDS     28559453        28559607        .       -
        2       Parent=Smp_014800.1
SM_V9_2 Liftoff CDS     28559648        28559853        .       -
        1       Parent=Smp_014800.1
SM_V9_2 Liftoff CDS     28559893        28560053        .       -
        0       Parent=Smp_014800.1
SM_V9_2 Liftoff mRNA    28559257        28566645        .       -
        .
ID=Smp_014800.2;Parent=Smp_014800;geneID=Smp_014800;product=PRA1
family protein 3;polypeptide_domain=InterPro:IPR004895 Pfam:PF03208
SM_V9_2 Liftoff exon    28559257        28559604        .       -
        .       Parent=Smp_014800.2
SM_V9_2 Liftoff exon    28559648        28559853        .       -
        .       Parent=Smp_014800.2
SM_V9_2 Liftoff exon    28559893        28566645        .       -
        .       Parent=Smp_014800.2
SM_V9_2 Liftoff CDS     28559453        28559604        .       -
        2       Parent=Smp_014800.2
SM_V9_2 Liftoff CDS     28559648        28559853        .       -
        1       Parent=Smp_014800.2
SM_V9_2 Liftoff CDS     28559893        28560053        .       -
        0       Parent=Smp_014800.2
SM_V9_2 iris    gene    28583562        28602477        .       +
        .
ID=Smp_101290;geneID=Smp_101290;gene_name=Smp_101290;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    28583562        28602477        .       +
        .
ID=Smp_101290.1;Parent=Smp_101290;geneID=Smp_101290;gene_name=Smp_10
1290;owner=irisadmin@local.host;orig_id=Smp_101290.1;date_last_modif
ied=2022-08-17;Name=Smp_101290.1;product=Actin-related protein 2-
A;date_creation=2022-08-17
SM_V9_2 iris    exon    28583562        28583643        .       +
        .       Parent=Smp_101290.1;Name=164902ed-f50d-4c95-9ec1-
fcf545264378
SM_V9_2 iris    exon    28583682        28584081        .       +
        .       Parent=Smp_101290.1;Name=b5a8dce4-3c5c-473c-
bce5-8d0a05e303f2
SM_V9_2 iris    exon    28587357        28587493        .       +
        .       Parent=Smp_101290.1;Name=10b6f555-8f15-43a4-b944-
c81680cd311c
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SM_V9_2 iris    exon    28590596        28590745        .       +
        .       Parent=Smp_101290.1;Name=c7b36135-2fce-417e-9832-
cf51dfb9d8c6
SM_V9_2 iris    exon    28598529        28598807        .       +
        .
Parent=Smp_101290.1;Name=ab5db64d-39d7-4301-8dfb-648f47304bae
SM_V9_2 iris    exon    28601639        28602477        .       +
        .
Parent=Smp_101290.1;Name=89254c6d-0605-4f9c-922e-4e27a8396b09
SM_V9_2 iris    CDS     28583590        28583643        .       +
        0       Parent=Smp_101290.1
SM_V9_2 iris    CDS     28583682        28584081        .       +
        0       Parent=Smp_101290.1
SM_V9_2 iris    CDS     28587357        28587493        .       +
        2       Parent=Smp_101290.1
SM_V9_2 iris    CDS     28590596        28590745        .       +
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SM_V9_2 iris    CDS     28598529        28598807        .       +
        0       Parent=Smp_101290.1
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DDX11;date_creation=2022-07-10
SM_V9_2 iris    exon    28606025        28606701        .       -
        .
Parent=Smp_245860.1;Name=28384d0d-7072-452b-8e52-5a282a724014
SM_V9_2 iris    exon    28608027        28608197        .       -
        .
Parent=Smp_245860.1;Name=07a817a9-0d50-4a71-9fd3-39bec8cca655
SM_V9_2 iris    exon    28610672        28610811        .       -
        .       Parent=Smp_245860.1;Name=c1db1489-6ad5-4cf7-9667-
f2d1b801ecc1
SM_V9_2 iris    exon    28626329        28626398        .       -
        .       Parent=Smp_245860.1;Name=a6745867-
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SM_V9_2 iris    exon    28637983        28638209        .       -
        .       Parent=Smp_245860.1;Name=97d187c3-1571-4f26-b275-
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SM_V9_2 iris    exon    28641229        28641496        .       -
        .       Parent=Smp_245860.1;Name=74ea1138-75fd-4986-
b296-151e5a067ded
SM_V9_2 iris    exon    28642823        28644737        .       -
        .       Parent=Smp_245860.1;Name=f77a8f46-c0d5-43cd-
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SM_V9_2 iris    CDS     28626329        28626398        .       -
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        2       Parent=Smp_245860.1
SM_V9_2 iris    CDS     28641229        28641496        .       -
        0       Parent=Smp_245860.1
SM_V9_2 iris    CDS     28642823        28644724        .       -
        0       Parent=Smp_245860.1
SM_V9_2 Liftoff gene    28652852        28686571        .       -
        .       ID=Smp_014780;geneID=Smp_014780
SM_V9_2 Liftoff mRNA    28652852        28686571        .       -
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        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28670135        28670176        .       -
        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28671831        28672115        .       -
        .       Parent=Smp_014780.1
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        .       Parent=Smp_014780.1
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        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28675720        28675797        .       -
        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28678764        28678826        .       -
        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28679187        28679295        .       -
        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28683381        28683628        .       -
        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28684322        28684564        .       -
        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28685203        28685334        .       -
        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28685511        28685596        .       -
        .       Parent=Smp_014780.1
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        .       Parent=Smp_014780.1
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        .       Parent=Smp_014780.1
SM_V9_2 Liftoff exon    28685865        28685952        .       -
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SM_V9_2 Liftoff exon    28685990        28686076        .       -
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        .       Parent=Smp_014780.1
SM_V9_2 Liftoff CDS     28654037        28654195        .       -
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SM_V9_2 Liftoff CDS     28670135        28670176        .       -
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SM_V9_2 Liftoff CDS     28678764        28678826        .       -
        0       Parent=Smp_014780.1
SM_V9_2 Liftoff CDS     28679187        28679295        .       -
        1       Parent=Smp_014780.1
SM_V9_2 Liftoff CDS     28683381        28683628        .       -
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SM_V9_2 Liftoff CDS     28684322        28684564        .       -
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SM_V9_2 Liftoff CDS     28685511        28685596        .       -
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        1       Parent=Smp_014780.1
SM_V9_2 Liftoff CDS     28685865        28685952        .       -
        2       Parent=Smp_014780.1
SM_V9_2 Liftoff CDS     28685990        28686076        .       -
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SM_V9_2 Liftoff CDS     28686109        28686343        .       -
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SM_V9_2 Liftoff CDS     28686384        28686485        .       -
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SM_V9_2 Liftoff gene    28701869        28762109        .       +
        .       ID=Smp_130200;geneID=Smp_130200
SM_V9_2 Liftoff mRNA    28701869        28762109        .       +
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alpha;evidence=Traceable Author
Statement;literature=PMID:16406405;polypeptide_domain=InterPro:IPR00
0536,IPR001628,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003700,GO:0005634,GO:0006355,
GO:0008270,GO:0043401,GO:0043565
SM_V9_2 Liftoff exon    28701869        28706677        .       +
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SM_V9_2 Liftoff exon    28706711        28706824        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28706883        28707023        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28710818        28711331        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28733115        28733616        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28742867        28745041        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28746209        28746724        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28751273        28751380        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28755234        28755606        .       +
        .       Parent=Smp_130200.1
SM_V9_2 Liftoff exon    28758023        28762109        .       +
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SM_V9_2 Liftoff CDS     28706434        28706677        .       +
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SM_V9_2 Liftoff CDS     28706711        28706824        .       +
        2       Parent=Smp_130200.1
SM_V9_2 Liftoff CDS     28706883        28707023        .       +
        2       Parent=Smp_130200.1
SM_V9_2 Liftoff CDS     28710818        28711331        .       +
        2       Parent=Smp_130200.1
SM_V9_2 Liftoff CDS     28733115        28733616        .       +
        1       Parent=Smp_130200.1
SM_V9_2 Liftoff CDS     28742867        28745041        .       +
        0       Parent=Smp_130200.1
SM_V9_2 Liftoff CDS     28746209        28746724        .       +
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SM_V9_2 Liftoff CDS     28751273        28751380        .       +
        0       Parent=Smp_130200.1
SM_V9_2 Liftoff CDS     28755234        28755606        .       +
        0       Parent=Smp_130200.1
SM_V9_2 Liftoff CDS     28758023        28758981        .       +
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        .
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SM_V9_2 iris    mRNA    28765767        28774134        .       +
        .
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ied=2022-08-17;Name=Smp_014730.1;product=NF-kappa-B inhibitor-like
protein 1;date_creation=2022-08-17
SM_V9_2 iris    exon    28765767        28766019        .       +
        .       Parent=Smp_014730.1;Name=097d21ad-26de-457c-
ab19-9ba966cceb12
SM_V9_2 iris    exon    28768061        28768221        .       +
        .       Parent=Smp_014730.1;Name=ba1e6366-
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ddbf-4b79-8bbf-6bb703b8d18d
SM_V9_2 iris    exon    28770199        28770338        .       +
        .       Parent=Smp_014730.1;Name=6ea7ae7e-5b5f-496a-
bbce-3808cf572db7
SM_V9_2 iris    exon    28772589        28772790        .       +
        .       Parent=Smp_014730.1;Name=28c64107-d052-4072-96a3-
c578d392bf90
SM_V9_2 iris    exon    28773550        28774134        .       +
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Parent=Smp_014730.1;Name=a1a51139-2360-4a8c-96df-3b9440eaf215
SM_V9_2 iris    CDS     28765778        28766019        .       +
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SM_V9_2 iris    CDS     28768061        28768221        .       +
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SM_V9_2 iris    CDS     28770199        28770338        .       +
        2       Parent=Smp_014730.1
SM_V9_2 iris    CDS     28772589        28772790        .       +
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SM_V9_2 iris    CDS     28773550        28774112        .       +
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SM_V9_2 Liftoff gene    28786062        28794652        .       +
        .
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SM_V9_2 Liftoff mRNA    28786062        28794652        .       +
        .
ID=Smp_342480.2;Parent=Smp_342480;geneID=Smp_342480;product=RNA-
binding protein 34;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    28786062        28786157        .       +
        .       Parent=Smp_342480.2
SM_V9_2 Liftoff exon    28788588        28789485        .       +
        .       Parent=Smp_342480.2
SM_V9_2 Liftoff exon    28789892        28790136        .       +
        .       Parent=Smp_342480.2
SM_V9_2 Liftoff exon    28791978        28792273        .       +
        .       Parent=Smp_342480.2
SM_V9_2 Liftoff exon    28793538        28794652        .       +
        .       Parent=Smp_342480.2
SM_V9_2 Liftoff CDS     28786088        28786157        .       +
        0       Parent=Smp_342480.2
SM_V9_2 Liftoff CDS     28788588        28789485        .       +
        2       Parent=Smp_342480.2
SM_V9_2 Liftoff CDS     28789892        28790136        .       +
        1       Parent=Smp_342480.2
SM_V9_2 Liftoff CDS     28791978        28792273        .       +
        2       Parent=Smp_342480.2
SM_V9_2 Liftoff CDS     28793538        28793984        .       +
        0       Parent=Smp_342480.2
SM_V9_2 Liftoff mRNA    28786082        28794652        .       +
        .
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binding protein 34;polypeptide_domain=InterPro:IPR000504
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SM_V9_2 Liftoff exon    28786082        28789485        .       +
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        .       Parent=Smp_342480.1
SM_V9_2 Liftoff exon    28793538        28794652        .       +
        .       Parent=Smp_342480.1
SM_V9_2 Liftoff CDS     28788626        28789485        .       +
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SM_V9_2 Liftoff CDS     28789892        28790136        .       +
        1       Parent=Smp_342480.1
SM_V9_2 Liftoff CDS     28791978        28792273        .       +
        2       Parent=Smp_342480.1
SM_V9_2 Liftoff CDS     28793538        28793984        .       +
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SM_V9_2 iris    exon    28804872        28805119        .       -
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SM_V9_2 iris    exon    28805216        28805597        .       -
        .
Parent=Smp_130180.1;Name=fd54ccbd-2483-4f23-8f91-1984ba7083be
SM_V9_2 iris    exon    28806369        28806456        .       -
        .       Parent=Smp_130180.1;Name=eb6289eb-62e5-4450-
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SM_V9_2 iris    exon    28808339        28808598        .       -
        .       Parent=Smp_130180.1;Name=678cf33b-ceb1-40b5-b5a0-
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SM_V9_2 iris    exon    28810104        28810475        .       -
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SM_V9_2 iris    exon    28812198        28812559        .       -
        .       Parent=Smp_130180.1;Name=0f321e32-570d-4538-
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SM_V9_2 iris    exon    28815094        28815321        .       -
        .       Parent=Smp_130180.1;Name=675b4f62-5ef5-4808-b929-
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SM_V9_2 iris    exon    28816188        28816611        .       -
        .       Parent=Smp_130180.1;Name=4d204e9e-e3ca-48fa-b3a1-
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SM_V9_2 iris    exon    28819081        28819333        .       -
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c8c33bc2a8fa
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SM_V9_2 iris    exon    28822923        28823126        .       -
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SM_V9_2 iris    exon    28825116        28825295        .       -
        .       Parent=Smp_130180.1;Name=fd249fc7-8bb7-454c-
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        .       Parent=Smp_130180.1;Name=06b8941e-7eb8-4c68-
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SM_V9_2 iris    exon    28829547        28829674        .       -
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        .       Parent=Smp_130180.1;Name=ae68ed97-a891-44bc-8b7d-
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SM_V9_2 iris    exon    28839197        28839280        .       -
        .       Parent=Smp_130180.1;Name=d993b40d-ed3a-496b-9004-
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SM_V9_2 iris    CDS     28803625        28804089        .       -
        0       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28804872        28805119        .       -
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SM_V9_2 iris    CDS     28805216        28805597        .       -
        0       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28806369        28806456        .       -
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SM_V9_2 iris    CDS     28808339        28808598        .       -
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        0       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28812198        28812559        .       -
        2       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28815094        28815321        .       -
        2       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28816188        28816611        .       -
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SM_V9_2 iris    CDS     28819081        28819333        .       -
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SM_V9_2 iris    CDS     28820981        28821711        .       -
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        0       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28829547        28829674        .       -
        2       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28829728        28829791        .       -
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SM_V9_2 iris    CDS     28829848        28829985        .       -
        0       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28830026        28830296        .       -
        1       Parent=Smp_130180.1
SM_V9_2 iris    CDS     28830341        28830444        .       -
        0       Parent=Smp_130180.1
SM_V9_2 Liftoff gene    28840799        28843219        .       +
        .       ID=Smp_130170;geneID=Smp_130170
SM_V9_2 Liftoff mRNA    28840799        28843219        .       +
        .
ID=Smp_130170.1;Parent=Smp_130170;geneID=Smp_130170;product=NEDD8;po
lypeptide_domain=InterPro:IPR000626,IPR019954,IPR019956,IPR029071
Pfam:PF00240;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    28840799        28843219        .       +
        .       Parent=Smp_130170.1
SM_V9_2 Liftoff CDS     28842196        28842429        .       +
        0       Parent=Smp_130170.1
SM_V9_2 Liftoff gene    28849899        28892888        .       +
        .       ID=Smp_130160;geneID=Smp_130160
SM_V9_2 Liftoff mRNA    28849899        28892888        .       +
        .
ID=Smp_130160.1;Parent=Smp_130160;geneID=Smp_130160;product=Semaphor
in-5B;polypeptide_domain=InterPro:IPR000884,IPR001627,IPR015943
Pfam:PF00090;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    28849899        28850248        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28859048        28859156        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28862273        28862372        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28863694        28863840        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28865507        28865738        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28869021        28869513        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28873088        28873217        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28874857        28875228        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28877903        28878512        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28880009        28880257        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28882820        28883050        .       +
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        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28885188        28885421        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28886540        28887082        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28888696        28889013        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff exon    28891088        28892888        .       +
        .       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28850065        28850248        .       +
        0       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28859048        28859156        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28862273        28862372        .       +
        1       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28863694        28863840        .       +
        0       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28865507        28865738        .       +
        0       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28869021        28869513        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28873088        28873217        .       +
        1       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28874857        28875228        .       +
        0       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28877903        28878512        .       +
        0       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28880009        28880257        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28882820        28883050        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28885188        28885421        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28886540        28887082        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28888696        28889013        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff CDS     28891088        28892583        .       +
        2       Parent=Smp_130160.1
SM_V9_2 Liftoff gene    28898410        28900205        .       -
        .       ID=Smp_014680;geneID=Smp_014680
SM_V9_2 Liftoff mRNA    28898410        28900205        .       -
        .
ID=Smp_014680.1;Parent=Smp_014680;geneID=Smp_014680;product=Coiled-
coil domain-containing protein
96;polypeptide_domain=InterPro:IPR025254 Pfam:PF13870
SM_V9_2 Liftoff exon    28898410        28900070        .       -
        .       Parent=Smp_014680.1
SM_V9_2 Liftoff exon    28900125        28900205        .       -
        .       Parent=Smp_014680.1
SM_V9_2 Liftoff CDS     28898586        28900070        .       -
        0       Parent=Smp_014680.1
SM_V9_2 Liftoff CDS     28900125        28900151        .       -
        0       Parent=Smp_014680.1
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SM_V9_2 iris    gene    28919509        28947403        .       +
       .
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@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    28919509        28947403        .       +
       .
ID=Smp_014670.1;Parent=Smp_014670;geneID=Smp_014670;gene_name=Smp_01
4670;owner=irisadmin@local.host;orig_id=Smp_014670.1;date_last_modif
ied=2022-07-10;Name=Smp_014670.1;product=Alpha-
adducin;date_creation=2022-07-10
SM_V9_2 iris    exon    28919509        28919687        .       +
       .       Parent=Smp_014670.1;Name=0b357829-6cb0-42b1-8cea-
e129fc565981
SM_V9_2 iris    exon    28919722        28919988        .       +
       .       Parent=Smp_014670.1;Name=97908cfb-cbee-457d-bdb0-
e49b14a594e2
SM_V9_2 iris    exon    28922878        28923032        .       +
       .       Parent=Smp_014670.1;Name=7e554a98-4b97-476c-
b898-95529a664408
SM_V9_2 iris    exon    28924866        28924965        .       +
       .       Parent=Smp_014670.1;Name=89986bf5-dc6f-416a-bb7e-
a0a9f6934d4f
SM_V9_2 iris    exon    28928913        28929043        .       +
       .
Parent=Smp_014670.1;Name=8da73000-74c3-4942-9fcf-1707b48346a2
SM_V9_2 iris    exon    28930084        28930374        .       +
       .       Parent=Smp_014670.1;Name=60cbfff7-11f2-4b34-
be53-0a21f8186371
SM_V9_2 iris    exon    28932843        28933163        .       +
       .       Parent=Smp_014670.1;Name=a23325b9-2c56-4902-a3d6-
b88fa18c2d07
SM_V9_2 iris    exon    28934832        28935013        .       +
       .       Parent=Smp_014670.1;Name=65dd9850-
a917-4d7a-94be-50f702016ce5
SM_V9_2 iris    exon    28935719        28936031        .       +
       .       Parent=Smp_014670.1;Name=6b37b47c-4df5-48ff-a2ed-
b7ddf7818ef6
SM_V9_2 iris    exon    28937202        28937432        .       +
       .       Parent=Smp_014670.1;Name=1fee5b3f-9b37-4b1d-
a9a0-6b49282d8a26
SM_V9_2 iris    exon    28938498        28938726        .       +
       .       Parent=Smp_014670.1;Name=9dca25ed-26b1-4d34-8269-
f809edec5395
SM_V9_2 iris    exon    28940237        28940335        .       +
       .
Parent=Smp_014670.1;Name=4447b717-351c-46d7-9f0b-2d91c37c8746
SM_V9_2 iris    exon    28940506        28940582        .       +
       .       Parent=Smp_014670.1;Name=bb5ebe0b-8666-4a67-bce2-
a04263e94226
SM_V9_2 iris    exon    28945990        28947403        .       +
       .       Parent=Smp_014670.1;Name=97fb96d6-
dcb8-4c4a-9295-1c26c887ca43
SM_V9_2 iris    CDS     28919618        28919687        .       +
       0       Parent=Smp_014670.1
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SM_V9_2 iris    CDS     28919722        28919988        .       +
        2       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28922878        28923032        .       +
        2       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28924866        28924965        .       +
        0       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28928913        28929043        .       +
        2       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28930084        28930374        .       +
        0       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28932843        28933163        .       +
        0       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28934832        28935013        .       +
        0       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28935719        28936031        .       +
        1       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28937202        28937432        .       +
        0       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28938498        28938726        .       +
        0       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28940237        28940335        .       +
        2       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28940506        28940582        .       +
        2       Parent=Smp_014670.1
SM_V9_2 iris    CDS     28945990        28946070        .       +
        0       Parent=Smp_014670.1
SM_V9_2 iris    gene    29008069        29009425        .       -
        .
ID=Smp_014660;geneID=Smp_014660;gene_name=Smp_014660;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    29008069        29009425        .       -
        .
ID=Smp_014660.1;Parent=Smp_014660;geneID=Smp_014660;gene_name=Smp_01
4660;owner=irisadmin@local.host;orig_id=Smp_014660.1;date_last_modif
ied=2022-08-17;Name=Smp_014660.1;product=Ras-related protein
Rab-10;date_creation=2022-08-17
SM_V9_2 iris    exon    29008069        29008827        .       -
        .       Parent=Smp_014660.1;Name=caf52f9a-de2c-44a1-
b782-14a31ba7efa4
SM_V9_2 iris    exon    29008862        29009113        .       -
        .       Parent=Smp_014660.1;Name=70f8c548-ba84-4276-
a4cc-7876f8a0f3e0
SM_V9_2 iris    exon    29009149        29009334        .       -
        .       Parent=Smp_014660.1;Name=a833661d-ec17-43c7-
b09c-21e407ad6516
SM_V9_2 iris    exon    29009378        29009425        .       -
        .
Parent=Smp_014660.1;Name=93ee9fd0-6db2-43e3-944f-5bc8798fef89
SM_V9_2 iris    CDS     29008645        29008827        .       -
        0       Parent=Smp_014660.1
SM_V9_2 iris    CDS     29008862        29009113        .       -
        0       Parent=Smp_014660.1
SM_V9_2 iris    CDS     29009149        29009331        .       -
        0       Parent=Smp_014660.1
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SM_V9_2 iris    gene    29028491        29029075        .       -
       .
ID=Smp_014650;geneID=Smp_014650;gene_name=Smp_014650;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    29028491        29029075        .       -
       .
ID=Smp_014650.1;Parent=Smp_014650;geneID=Smp_014650;gene_name=Smp_01
4650;owner=irisadmin@local.host;orig_id=Smp_014650.1;date_last_modif
ied=2022-08-17;Name=Smp_014650.1;product=40S ribosomal protein S30-
A;date_creation=2022-08-17
SM_V9_2 iris    exon    29028491        29028766        .       -
       .       Parent=Smp_014650.1;Name=bc3a0b50-
de1e-4292-8569-530c81a8b286
SM_V9_2 iris    exon    29028800        29029075        .       -
       .       Parent=Smp_014650.1;Name=af0dc419-16a4-454c-894e-
d956944551df
SM_V9_2 iris    CDS     29028573        29028766        .       -
       2       Parent=Smp_014650.1
SM_V9_2 iris    CDS     29028800        29029013        .       -
       0       Parent=Smp_014650.1
SM_V9_2 Liftoff gene    29045591        29100346        .       -
       .
ID=Smp_245870;geneID=Smp_245870;previous_systematic_id=Smp_130120,Sm
p_130140
SM_V9_2 Liftoff mRNA    29045591        29100346        .       -
       .
ID=Smp_245870.1;Parent=Smp_245870;geneID=Smp_245870;product=Tetratri
copeptide repeat protein
13;polypeptide_domain=InterPro:IPR011990;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    29045591        29046004        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29048262        29048559        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29049557        29049693        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29053639        29053925        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29056656        29056701        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29060250        29060391        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29076383        29076887        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29078806        29079112        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29080871        29080914        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29083178        29083296        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29087743        29087812        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29090955        29091059        .       -
       .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29092328        29092535        .       -
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        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29094231        29094313        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29095249        29095590        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29096886        29096972        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29097008        29097073        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29097110        29097180        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29097221        29097296        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29097327        29097391        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29097428        29097491        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff exon    29097530        29100346        .       -
        .       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29045887        29046004        .       -
        1       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29048262        29048559        .       -
        2       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29049557        29049693        .       -
        1       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29053639        29053925        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29056656        29056701        .       -
        1       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29060250        29060391        .       -
        2       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29076383        29076887        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29078806        29079112        .       -
        1       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29080871        29080914        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29083178        29083296        .       -
        2       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29087743        29087812        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29090955        29091059        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29092328        29092535        .       -
        1       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29094231        29094313        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29095249        29095590        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29096886        29096972        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29097008        29097073        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29097110        29097180        .       -
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        2       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29097221        29097296        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29097327        29097391        .       -
        2       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29097428        29097491        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff CDS     29097530        29097826        .       -
        0       Parent=Smp_245870.1
SM_V9_2 Liftoff gene    29104010        29115154        .       +
        .       ID=Smp_014620;geneID=Smp_014620
SM_V9_2 Liftoff mRNA    29104010        29115154        .       +
        .
ID=Smp_014620.1;Parent=Smp_014620;geneID=Smp_014620;product=Translat
ion initiation factor eIF-2B subunit
beta;polypeptide_domain=InterPro:IPR000649
Pfam:PF01008;Ontology_term=GO:0044237
SM_V9_2 Liftoff exon    29104010        29107346        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29107382        29107462        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29107492        29107611        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29107650        29107692        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29107724        29107930        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29107965        29108027        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29108062        29108166        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29108189        29108287        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff exon    29114469        29115154        .       +
        .       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29107321        29107346        .       +
        0       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29107382        29107462        .       +
        1       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29107492        29107611        .       +
        1       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29107650        29107692        .       +
        1       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29107724        29107930        .       +
        0       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29107965        29108027        .       +
        0       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29108062        29108166        .       +
        0       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29108189        29108287        .       +
        0       Parent=Smp_014620.1
SM_V9_2 Liftoff CDS     29114469        29114831        .       +
        0       Parent=Smp_014620.1
SM_V9_2 Liftoff gene    29121980        29123500        .       +
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        .
ID=Smp_241620;geneID=Smp_241620;previous_systematic_id=Smp_014610
SM_V9_2 Liftoff mRNA    29121980        29123500        .       +
        .
ID=Smp_241620.1;Parent=Smp_241620;geneID=Smp_241620;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    29121980        29123500        .       +
        .       Parent=Smp_241620.1
SM_V9_2 Liftoff CDS     29122071        29123300        .       +
        0       Parent=Smp_241620.1
SM_V9_2 iris    gene    29131217        29132800        .       +
        .
ID=Smp_241610;geneID=Smp_241610;gene_name=Smp_241610;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    29131217        29132800        .       +
        .
ID=Smp_241610.1;Parent=Smp_241610;geneID=Smp_241610;gene_name=Smp_24
1610;owner=irisadmin@local.host;orig_id=Smp_241610.1;date_last_modif
ied=2022-08-17;Name=Smp_241610.1;product=P48 eggshell
protein;date_creation=2022-08-17
SM_V9_2 iris    exon    29131217        29132800        .       +
        .
Parent=Smp_241610.1;Name=dc838b87-7c2b-494b-96e8-2084166ab2d7
SM_V9_2 iris    CDS     29131353        29132597        .       +
        0       Parent=Smp_241610.1
SM_V9_2 Liftoff gene    29135505        29146076        .       -
        .       ID=Smp_207080;geneID=Smp_207080
SM_V9_2 Liftoff mRNA    29135505        29146076        .       -
        .
ID=Smp_207080.1;Parent=Smp_207080;geneID=Smp_207080;product=Proteaso
me subunit alpha
type-6;polypeptide_domain=InterPro:IPR000426,IPR001353,IPR023332,IPR
029055,IPR034642
Pfam:PF00227,PF10584;Ontology_term=GO:0004175,GO:0004298,GO:0005839,
GO:0006511,GO:0019773,GO:0051603
SM_V9_2 Liftoff exon    29135505        29135687        .       -
        .       Parent=Smp_207080.1
SM_V9_2 Liftoff exon    29143814        29143950        .       -
        .       Parent=Smp_207080.1
SM_V9_2 Liftoff exon    29145307        29145538        .       -
        .       Parent=Smp_207080.1
SM_V9_2 Liftoff exon    29145584        29146076        .       -
        .       Parent=Smp_207080.1
SM_V9_2 Liftoff CDS     29135630        29135687        .       -
        1       Parent=Smp_207080.1
SM_V9_2 Liftoff CDS     29143814        29143950        .       -
        0       Parent=Smp_207080.1
SM_V9_2 Liftoff CDS     29145307        29145538        .       -
        1       Parent=Smp_207080.1
SM_V9_2 Liftoff CDS     29145584        29145903        .       -
        0       Parent=Smp_207080.1
SM_V9_2 iris    gene    29159540        29186846        .       +
        .
ID=Smp_130110;geneID=Smp_130110;gene_name=Smp_130110;owner=irisadmin
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@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    29159540        29186846        .       +
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0110;owner=irisadmin@local.host;orig_id=Smp_130110.1;date_last_modif
ied=2022-08-17;Name=Smp_130110.1;product=Ceramide
kinase;date_creation=2022-08-17
SM_V9_2 iris    exon    29159540        29159856        .       +
        .       Parent=Smp_130110.1;Name=8e70f2d7-
c9b1-4ec2-92b1-63af71faff06
SM_V9_2 iris    exon    29159889        29160131        .       +
        .       Parent=Smp_130110.1;Name=c6006584-d9cc-41ec-8c09-
aaaa401e8f94
SM_V9_2 iris    exon    29163986        29164114        .       +
        .       Parent=Smp_130110.1;Name=157d9a7a-
cc53-4f00-9119-3d1235477c35
SM_V9_2 iris    exon    29166414        29166477        .       +
        .       Parent=Smp_130110.1;Name=857d29dc-7a6e-4751-
b88e-711102578664
SM_V9_2 iris    exon    29168263        29168417        .       +
        .
Parent=Smp_130110.1;Name=9e6d0448-9446-4d15-84fa-8ed38548445e
SM_V9_2 iris    exon    29169688        29169762        .       +
        .
Parent=Smp_130110.1;Name=2cb23769-874a-49a0-9923-183bc7d870f2
SM_V9_2 iris    exon    29171783        29171941        .       +
        .       Parent=Smp_130110.1;Name=9febb534-b394-48f8-
b56d-89632c3ddcef
SM_V9_2 iris    exon    29174018        29174123        .       +
        .       Parent=Smp_130110.1;Name=61ebbdc0-69d0-4802-b150-
ab96fb3190db
SM_V9_2 iris    exon    29176755        29177068        .       +
        .       Parent=Smp_130110.1;Name=d7eed9b4-65c8-40c1-a203-
a34a2ac2d4b2
SM_V9_2 iris    exon    29178503        29179148        .       +
        .       Parent=Smp_130110.1;Name=78d5a191-4711-4242-
bb83-4d735fffcf0c
SM_V9_2 iris    exon    29186036        29186846        .       +
        .       Parent=Smp_130110.1;Name=8adf5ca1-e4b5-4430-
a8b8-081693f0dfd1
SM_V9_2 iris    CDS     29159724        29159856        .       +
        0       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29159889        29160131        .       +
        2       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29163986        29164114        .       +
        2       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29166414        29166477        .       +
        2       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29168263        29168417        .       +
        1       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29169688        29169762        .       +
        2       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29171783        29171941        .       +
        2       Parent=Smp_130110.1
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SM_V9_2 iris    CDS     29174018        29174123        .       +
        2       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29176755        29177068        .       +
        1       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29178503        29179148        .       +
        2       Parent=Smp_130110.1
SM_V9_2 iris    CDS     29186036        29186183        .       +
        1       Parent=Smp_130110.1
SM_V9_2 Liftoff gene    29202760        29211869        .       +
        .       ID=Smp_130100;geneID=Smp_130100
SM_V9_2 Liftoff mRNA    29202760        29211869        .       +
        .
ID=Smp_130100.1;Parent=Smp_130100;geneID=Smp_130100;product=Prosapos
in;polypeptide_domain=InterPro:IPR008139,IPR011001
SM_V9_2 Liftoff exon    29202760        29202852        .       +
        .       Parent=Smp_130100.1
SM_V9_2 Liftoff exon    29204628        29204661        .       +
        .       Parent=Smp_130100.1
SM_V9_2 Liftoff exon    29205750        29205880        .       +
        .       Parent=Smp_130100.1
SM_V9_2 Liftoff exon    29206606        29206683        .       +
        .       Parent=Smp_130100.1
SM_V9_2 Liftoff exon    29209388        29209439        .       +
        .       Parent=Smp_130100.1
SM_V9_2 Liftoff exon    29211477        29211869        .       +
        .       Parent=Smp_130100.1
SM_V9_2 Liftoff CDS     29202775        29202852        .       +
        0       Parent=Smp_130100.1
SM_V9_2 Liftoff CDS     29204628        29204661        .       +
        0       Parent=Smp_130100.1
SM_V9_2 Liftoff CDS     29205750        29205880        .       +
        2       Parent=Smp_130100.1
SM_V9_2 Liftoff CDS     29206606        29206683        .       +
        0       Parent=Smp_130100.1
SM_V9_2 Liftoff CDS     29209388        29209439        .       +
        0       Parent=Smp_130100.1
SM_V9_2 Liftoff CDS     29211477        29211490        .       +
        2       Parent=Smp_130100.1
SM_V9_2 iris    gene    29215883        29227458        .       -
        .
ID=Smp_014570;geneID=Smp_014570;gene_name=Smp_014570;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    29215883        29227458        .       -
        .
ID=Smp_014570.1;Parent=Smp_014570;geneID=Smp_014570;gene_name=Smp_01
4570;owner=irisadmin@local.host;orig_id=Smp_014570.1;date_last_modif
ied=2022-07-10;Name=Smp_014570.1;product=Prosaposin;date_creation=20
22-07-10
SM_V9_2 iris    exon    29215883        29216160        .       -
        .
Parent=Smp_014570.1;Name=0a7ec70c-5b99-431f-904c-300aaa9cecc6
SM_V9_2 iris    exon    29217398        29217455        .       -
        .       Parent=Smp_014570.1;Name=f0d8119e-8212-4045-a846-
fc81f45c0591
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SM_V9_2 iris    exon    29218468        29218545        .       -
        .       Parent=Smp_014570.1;Name=544a78df-
ceb9-4667-9f62-4befc62cbfc6
SM_V9_2 iris    exon    29219622        29219758        .       -
        .       Parent=Smp_014570.1;Name=e2f06855-38ab-4691-
a442-9dae335e4ddc
SM_V9_2 iris    exon    29222327        29222378        .       -
        .       Parent=Smp_014570.1;Name=465187a5-dfed-42da-82ba-
aa81a9e9ec74
SM_V9_2 iris    exon    29223822        29223902        .       -
        .       Parent=Smp_014570.1;Name=96897129-d462-469c-
a281-6535366d5827
SM_V9_2 iris    exon    29224599        29224732        .       -
        .       Parent=Smp_014570.1;Name=df44e7ea-1414-4411-b2fa-
fbf0dbf83568
SM_V9_2 iris    exon    29226179        29226221        .       -
        .       Parent=Smp_014570.1;Name=d98a8637-f399-4f3b-9df0-
e6b25642c5f6
SM_V9_2 iris    exon    29227334        29227458        .       -
        .       Parent=Smp_014570.1;Name=06ef53bf-b6e4-49af-930c-
a0c31e42c05e
SM_V9_2 iris    CDS     29217411        29217455        .       -
        0       Parent=Smp_014570.1
SM_V9_2 iris    CDS     29218468        29218545        .       -
        0       Parent=Smp_014570.1
SM_V9_2 iris    CDS     29219622        29219758        .       -
        2       Parent=Smp_014570.1
SM_V9_2 iris    CDS     29222327        29222378        .       -
        0       Parent=Smp_014570.1
SM_V9_2 iris    CDS     29223822        29223902        .       -
        0       Parent=Smp_014570.1
SM_V9_2 iris    CDS     29224599        29224732        .       -
        2       Parent=Smp_014570.1
SM_V9_2 iris    CDS     29226179        29226221        .       -
        0       Parent=Smp_014570.1
SM_V9_2 iris    CDS     29227334        29227405        .       -
        0       Parent=Smp_014570.1
SM_V9_2 Liftoff gene    29242160        29252834        .       +
        .
ID=Smp_342470;geneID=Smp_342470;previous_systematic_id=Smp_130090
SM_V9_2 Liftoff mRNA    29242160        29252834        .       +
        .
ID=Smp_342470.1;Parent=Smp_342470;geneID=Smp_342470;product=Deoxyrib
onuclease-1;polypeptide_domain=InterPro:IPR005135,IPR016202
Pfam:PF03372;Ontology_term=GO:0004536,GO:0006308
SM_V9_2 Liftoff exon    29242160        29242318        .       +
        .       Parent=Smp_342470.1
SM_V9_2 Liftoff exon    29242364        29242452        .       +
        .       Parent=Smp_342470.1
SM_V9_2 Liftoff exon    29242500        29242583        .       +
        .       Parent=Smp_342470.1
SM_V9_2 Liftoff exon    29244904        29245004        .       +
        .       Parent=Smp_342470.1
SM_V9_2 Liftoff exon    29245059        29245171        .       +
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        .       Parent=Smp_342470.1
SM_V9_2 Liftoff exon    29246314        29246468        .       +
        .       Parent=Smp_342470.1
SM_V9_2 Liftoff exon    29249079        29249175        .       +
        .       Parent=Smp_342470.1
SM_V9_2 Liftoff exon    29252167        29252834        .       +
        .       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29242184        29242318        .       +
        0       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29242364        29242452        .       +
        0       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29242500        29242583        .       +
        1       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29244904        29245004        .       +
        1       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29245059        29245171        .       +
        2       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29246314        29246468        .       +
        0       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29249079        29249175        .       +
        1       Parent=Smp_342470.1
SM_V9_2 Liftoff CDS     29252167        29252187        .       +
        0       Parent=Smp_342470.1
SM_V9_2 Liftoff gene    29260243        29260696        .       -
        .       ID=Smp_201470;geneID=Smp_201470
SM_V9_2 Liftoff mRNA    29260243        29260696        .       -
        .
ID=Smp_201470.1;Parent=Smp_201470;geneID=Smp_201470;product=Single-
pass membrane and coiled-coil domain-containing protein 4
homolog;polypeptide_domain=InterPro:IPR027960 Pfam:PF15012
SM_V9_2 Liftoff exon    29260243        29260696        .       -
        .       Parent=Smp_201470.1
SM_V9_2 Liftoff CDS     29260431        29260616        .       -
        0       Parent=Smp_201470.1
SM_V9_2 Liftoff gene    29264988        29265542        .       +
        .       ID=Smp_201760;geneID=Smp_201760
SM_V9_2 Liftoff mRNA    29264988        29265542        .       +
        .
ID=Smp_201760.1;Parent=Smp_201760;geneID=Smp_201760;product=Palmitoy
ltransferase ZDHHC5;polypeptide_domain=InterPro:IPR001594
Pfam:PF01529
SM_V9_2 Liftoff exon    29264988        29265542        .       +
        .       Parent=Smp_201760.1
SM_V9_2 Liftoff CDS     29264988        29265542        .       +
        0       Parent=Smp_201760.1
SM_V9_2 Liftoff gene    29289630        29299274        .       +
        .       ID=Smp_130080;geneID=Smp_130080
SM_V9_2 Liftoff mRNA    29289630        29299274        .       +
        .
ID=Smp_130080.1;Parent=Smp_130080;geneID=Smp_130080;product=Ankyrin
repeat domain-containing protein
45;polypeptide_domain=InterPro:IPR002110,IPR020683,IPR029048;Ontolog
y_term=GO:0005515
SM_V9_2 Liftoff exon    29289630        29295662        .       +
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        .       Parent=Smp_130080.1
SM_V9_2 Liftoff exon    29295716        29295883        .       +
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SM_V9_2 Liftoff exon    29295941        29296029        .       +
        .       Parent=Smp_130080.1
SM_V9_2 Liftoff exon    29298684        29299274        .       +
        .       Parent=Smp_130080.1
SM_V9_2 Liftoff CDS     29295440        29295662        .       +
        0       Parent=Smp_130080.1
SM_V9_2 Liftoff CDS     29295716        29295883        .       +
        2       Parent=Smp_130080.1
SM_V9_2 Liftoff CDS     29295941        29296029        .       +
        2       Parent=Smp_130080.1
SM_V9_2 Liftoff CDS     29298684        29298827        .       +
        0       Parent=Smp_130080.1
SM_V9_2 Liftoff gene    29302039        29467084        .       -
        .       ID=Smp_130070;geneID=Smp_130070
SM_V9_2 Liftoff mRNA    29302039        29467084        .       -
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polypeptide_domain=InterPro:IPR003598,IPR003599,IPR003961,IPR007110,
IPR013098,IPR013106,IPR013783
Pfam:PF00041,PF07679,PF07686,PF13927;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    29302039        29307555        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29308949        29309349        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29313082        29313453        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29314358        29314459        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29317234        29317327        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29319067        29319225        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29320473        29320762        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29323664        29323838        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29329514        29329716        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29331746        29331997        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29340269        29340490        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29342444        29342757        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29346480        29346585        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29347383        29347508        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29351486        29351857        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29361126        29361623        .       -
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        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29366367        29366567        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29367929        29368150        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29370376        29370561        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29409755        29409940        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29432945        29432998        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff exon    29456451        29467084        .       -
        .       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29306869        29307555        .       -
        0       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29308949        29309349        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29313082        29313453        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29314358        29314459        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29317234        29317327        .       -
        0       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29319067        29319225        .       -
        0       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29320473        29320762        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29323664        29323838        .       -
        0       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29329514        29329716        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29331746        29331997        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29340269        29340490        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29342444        29342757        .       -
        1       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29346480        29346585        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29347383        29347508        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29351486        29351857        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29361126        29361623        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29366367        29366567        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29367929        29368150        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29370376        29370561        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29409755        29409940        .       -
        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29432945        29432998        .       -
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        2       Parent=Smp_130070.1
SM_V9_2 Liftoff CDS     29456451        29456595        .       -
        0       Parent=Smp_130070.1
SM_V9_2 Liftoff mRNA    29302039        29467084        .       -
        .
ID=Smp_130070.2;Parent=Smp_130070;geneID=Smp_130070;product=Nephrin;
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IPR013098,IPR013106,IPR013783
Pfam:PF00041,PF07679,PF07686,PF13927;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    29302039        29307555        .       -
        .       Parent=Smp_130070.2
SM_V9_2 Liftoff exon    29308949        29309349        .       -
        .       Parent=Smp_130070.2
SM_V9_2 Liftoff exon    29313082        29313453        .       -
        .       Parent=Smp_130070.2
SM_V9_2 Liftoff exon    29314358        29314459        .       -
        .       Parent=Smp_130070.2
SM_V9_2 Liftoff exon    29317234        29317327        .       -
        .       Parent=Smp_130070.2
SM_V9_2 Liftoff exon    29319067        29319225        .       -
        .       Parent=Smp_130070.2
SM_V9_2 Liftoff exon    29320473        29320762        .       -
        .       Parent=Smp_130070.2
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SM_V9_2 iris    exon    29537391        29537535        .       -
        .       Parent=Smp_333890.1;Name=11f4fa2a-14b3-41b0-8414-
fc49bd1aeb68
SM_V9_2 iris    exon    29537744        29537844        .       -
        .       Parent=Smp_333890.1;Name=64f53e2b-
eb2c-443e-8dd8-5ce8489e8148
SM_V9_2 iris    exon    29538691        29538927        .       -
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        .       Parent=Smp_333890.1;Name=addee701-acc8-4d77-80d3-
c09dcd9de423
SM_V9_2 iris    exon    29539961        29540214        .       -
        .
Parent=Smp_333890.1;Name=5ba46a12-5fbf-40f7-830a-0cfff63fa1f0
SM_V9_2 iris    exon    29541496        29541779        .       -
        .       Parent=Smp_333890.1;Name=db5b7d6f-1f17-414d-b01d-
da3726513bbf
SM_V9_2 iris    exon    29544902        29545031        .       -
        .
Parent=Smp_333890.1;Name=af262f8d-448b-4858-9488-26c66da76528
SM_V9_2 iris    exon    29546570        29546678        .       -
        .       Parent=Smp_333890.1;Name=321484e7-53bf-4285-a436-
c65499a02308
SM_V9_2 iris    exon    29549327        29549504        .       -
        .
Parent=Smp_333890.1;Name=33f2efa9-3496-40e7-9fae-3f14e4fa890a
SM_V9_2 iris    exon    29550243        29550424        .       -
        .       Parent=Smp_333890.1;Name=f13cac1f-d973-4ae1-
b9fe-7a13a76d6f38
SM_V9_2 iris    exon    29553649        29554280        .       -
        .       Parent=Smp_333890.1;Name=1c4fd5a8-
a4f8-4b40-81c1-516b59263f5e
SM_V9_2 iris    exon    29556320        29556743        .       -
        .       Parent=Smp_333890.1;Name=0e94ccbf-ad85-444b-b876-
d31c686ac33e
SM_V9_2 iris    exon    29559492        29559583        .       -
        .       Parent=Smp_333890.1;Name=50b8dea2-87da-4e17-a987-
db326d3273cd
SM_V9_2 iris    exon    29561345        29562024        .       -
        .       Parent=Smp_333890.1;Name=1c04f9b6-0e70-40bb-9ad4-
fd4fb1d9e407
SM_V9_2 iris    exon    29564638        29564878        .       -
        .       Parent=Smp_333890.1;Name=5489f025-f34e-4e66-a08b-
a3df3599403a
SM_V9_2 iris    exon    29566712        29566845        .       -
        .
Parent=Smp_333890.1;Name=02f2a4c0-637d-4ef4-8e2a-0b556369c436
SM_V9_2 iris    exon    29568071        29568250        .       -
        .       Parent=Smp_333890.1;Name=c14a0700-e4b4-46d8-9346-
e72c8f275a6b
SM_V9_2 iris    exon    29573169        29573280        .       -
        .       Parent=Smp_333890.1;Name=38c30eee-2817-4895-
aa07-502e35b4030f
SM_V9_2 iris    exon    29575104        29575164        .       -
        .       Parent=Smp_333890.1;Name=41f3b190-3d0c-4f7e-8f2a-
a9aae9c7a1b7
SM_V9_2 iris    exon    29575247        29575433        .       -
        .       Parent=Smp_333890.1;Name=30dcf1ef-4cc9-4870-8ced-
cc75d09bd7b5
SM_V9_2 iris    exon    29576240        29576444        .       -
        .       Parent=Smp_333890.1;Name=232dc184-
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SM_V9_2 iris    exon    29577990        29578329        .       -
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        .       Parent=Smp_333890.1;Name=27f1ad02-6903-4cbb-8f28-
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SM_V9_2 iris    exon    29581131        29581421        .       -
        .       Parent=Smp_333890.1;Name=fa5c1ce1-056f-4f0a-b3e4-
f0b073346772
SM_V9_2 iris    exon    29582336        29582700        .       -
        .
Parent=Smp_333890.1;Name=0bcd6996-823a-4be6-928a-2e68e287d2a7
SM_V9_2 iris    exon    29589167        29589748        .       -
        .       Parent=Smp_333890.1;Name=b29585f5-
f5cd-4bda-89e6-7f62b2c9aee1
SM_V9_2 iris    exon    29592144        29592259        .       -
        .       Parent=Smp_333890.1;Name=135f1194-5fa3-4465-b987-
cf64b746d5e6
SM_V9_2 iris    exon    29592292        29592452        .       -
        .       Parent=Smp_333890.1;Name=ec25ef55-a313-41b4-a4ca-
e48e52ffdc1e
SM_V9_2 iris    exon    29592483        29592722        .       -
        .       Parent=Smp_333890.1;Name=a9b28a93-90c1-4e43-8c4a-
ba030da90a5f
SM_V9_2 iris    CDS     29528448        29528864        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29531443        29531792        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29535535        29535850        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29536543        29536773        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29537391        29537535        .       -
        1       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29537744        29537844        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29538691        29538927        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29539961        29540214        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29541496        29541779        .       -
        1       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29544902        29545031        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29546570        29546678        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29549327        29549504        .       -
        1       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29550243        29550424        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29553649        29554280        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29556320        29556743        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29559492        29559583        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29561345        29562024        .       -
        1       Parent=Smp_333890.1
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SM_V9_2 iris    CDS     29564638        29564878        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29566712        29566845        .       -
        1       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29568071        29568250        .       -
        1       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29573169        29573280        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29575104        29575164        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29575247        29575433        .       -
        1       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29576240        29576444        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29577990        29578329        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29581131        29581421        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29582336        29582700        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29589167        29589748        .       -
        2       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29592144        29592259        .       -
        1       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29592292        29592452        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    CDS     29592483        29592638        .       -
        0       Parent=Smp_333890.1
SM_V9_2 iris    gene    29603956        29611781        .       +
        .
ID=Smp_130030;geneID=Smp_130030;gene_name=Smp_130030;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    29603956        29611781        .       +
        .
ID=Smp_130030.1;Parent=Smp_130030;geneID=Smp_130030;gene_name=Smp_13
0030;owner=irisadmin@local.host;orig_id=Smp_130030.1;date_last_modif
ied=2022-08-17;Name=Smp_130030.1;product=Protein
FAM91A1;date_creation=2022-08-17
SM_V9_2 iris    exon    29603956        29604121        .       +
        .       Parent=Smp_130030.1;Name=8504d6f2-
f856-41ff-894b-9904992c10a0
SM_V9_2 iris    exon    29604952        29605203        .       +
        .       Parent=Smp_130030.1;Name=0bb2730d-
e5f4-4399-940e-0dc16b4eca15
SM_V9_2 iris    exon    29605237        29606865        .       +
        .
Parent=Smp_130030.1;Name=baaa67f1-0de3-4b23-927b-1f5fd16ec969
SM_V9_2 iris    exon    29609180        29611781        .       +
        .       Parent=Smp_130030.1;Name=7dcefeb5-aa7b-458f-9aa9-
be3483c9c42a
SM_V9_2 iris    CDS     29605045        29605203        .       +
        0       Parent=Smp_130030.1
SM_V9_2 iris    CDS     29605237        29606865        .       +
        0       Parent=Smp_130030.1
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SM_V9_2 iris    CDS     29609180        29609839        .       +
        0       Parent=Smp_130030.1
SM_V9_2 iris    gene    29618214        29632652        .       -
        .
ID=Smp_130020;geneID=Smp_130020;gene_name=Smp_130020;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_2 iris    mRNA    29618214        29632652        .       -
        .
ID=Smp_130020.1;Parent=Smp_130020;geneID=Smp_130020;gene_name=Smp_13
0020;owner=irisadmin@local.host;orig_id=Smp_130020.1;date_last_modif
ied=2022-08-15;Name=Smp_130020.1;product=Cilia- and flagella-
associated protein 157;date_creation=2022-08-15
SM_V9_2 iris    exon    29618214        29619008        .       -
        .       Parent=Smp_130020.1;Name=8b239434-0de1-44a0-
a07a-8c00ac1035a9
SM_V9_2 iris    exon    29620768        29621108        .       -
        .       Parent=Smp_130020.1;Name=c94be65b-c98c-4c06-86d4-
b60eccb00865
SM_V9_2 iris    exon    29621232        29621382        .       -
        .       Parent=Smp_130020.1;Name=7fff4696-5ce0-4905-b0ff-
ec871932f8d8
SM_V9_2 iris    exon    29624282        29624466        .       -
        .       Parent=Smp_130020.1;Name=6b1f6ed5-3b9b-473c-
ac4a-5ea0512f03c7
SM_V9_2 iris    exon    29625648        29625915        .       -
        .       Parent=Smp_130020.1;Name=d6edfc74-
ac14-4030-80e6-6256971168cd
SM_V9_2 iris    exon    29631895        29632048        .       -
        .       Parent=Smp_130020.1;Name=ad1a7432-494f-4fa8-
b247-3a46b4f5478f
SM_V9_2 iris    exon    29632090        29632239        .       -
        .       Parent=Smp_130020.1;Name=56295f69-
cb71-448d-9000-9d47e183e47b
SM_V9_2 iris    exon    29632279        29632400        .       -
        .       Parent=Smp_130020.1;Name=57d4a42a-829b-4b9b-a3ee-
ad1701be580e
SM_V9_2 iris    exon    29632433        29632652        .       -
        .       Parent=Smp_130020.1;Name=179bdfd3-26d2-4bca-afd2-
d8bcc51b8cd5
SM_V9_2 iris    CDS     29618612        29619008        .       -
        1       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29620768        29621108        .       -
        0       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29621232        29621382        .       -
        1       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29624282        29624466        .       -
        0       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29625648        29625915        .       -
        1       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29631895        29632048        .       -
        2       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29632090        29632239        .       -
        2       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29632279        29632400        .       -
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        1       Parent=Smp_130020.1
SM_V9_2 iris    CDS     29632433        29632575        .       -
        0       Parent=Smp_130020.1
SM_V9_2 iris    gene    29642468        29683279        .       +
        .
ID=Smp_130000;geneID=Smp_130000;gene_name=Smp_130000;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    29642468        29683279        .       +
        .
ID=Smp_130000.1;Parent=Smp_130000;geneID=Smp_130000;gene_name=Smp_13
0000;owner=irisadmin@local.host;orig_id=Smp_130000.1;date_last_modif
ied=2022-11-13;Name=Smp_130000.1;product=Rab3 GTPase-activating
protein non-catalytic subunit;date_creation=2022-07-10
SM_V9_2 iris    exon    29642468        29642526        .       +
        .       Parent=Smp_130000.1;Name=8b7f5c10-280d-445d-a3d2-
d29296c5e0ce
SM_V9_2 iris    exon    29643679        29643844        .       +
        .       Parent=Smp_130000.1;Name=961571d4-e648-4bef-8129-
f54d300b05d3
SM_V9_2 iris    exon    29643879        29643933        .       +
        .
Parent=Smp_130000.1;Name=fbb44953-7c7b-4948-9e86-9609d1cdcade
SM_V9_2 iris    exon    29643967        29644002        .       +
        .
Parent=Smp_130000.1;Name=2f260073-1e4a-4207-8d23-727c3724f44a
SM_V9_2 iris    exon    29644038        29644122        .       +
        .       Parent=Smp_130000.1;Name=4878ca7b-4de2-47ca-
a3de-309229140ce6
SM_V9_2 iris    exon    29644168        29644239        .       +
        .
Parent=Smp_130000.1;Name=81e27d2f-6f29-4c90-9a57-12622e8bdb1e
SM_V9_2 iris    exon    29644272        29644476        .       +
        .       Parent=Smp_130000.1;Name=e0380ffe-90d0-431a-ab85-
a9499381484d
SM_V9_2 iris    exon    29644510        29644661        .       +
        .       Parent=Smp_130000.1;Name=acac85be-
c12b-4f1e-843c-1c1d4c1352be
SM_V9_2 iris    exon    29644796        29644872        .       +
        .
Parent=Smp_130000.1;Name=997c640e-2776-4e47-9844-792b490facc4
SM_V9_2 iris    exon    29645893        29646152        .       +
        .       Parent=Smp_130000.1;Name=ecfbf157-
b884-4b4c-99f3-93f751329171
SM_V9_2 iris    exon    29650056        29650311        .       +
        .       Parent=Smp_130000.1;Name=1ea85b6f-70e7-40ee-b0b5-
e4a38dd16d1e
SM_V9_2 iris    exon    29652136        29652314        .       +
        .       Parent=Smp_130000.1;Name=40229a82-
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SM_V9_2 iris    exon    29653876        29654028        .       +
        .       Parent=Smp_130000.1;Name=4de392e6-8bfe-42ab-
a217-3b53a1708770
SM_V9_2 iris    exon    29656322        29656485        .       +
        .       Parent=Smp_130000.1;Name=cf1ec1c9-
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e9a6-4e20-83e9-9d3471cc58ee
SM_V9_2 iris    exon    29659252        29659528        .       +
        .       Parent=Smp_130000.1;Name=145d8c73-695a-4cba-a9f3-
fdc45072275c
SM_V9_2 iris    exon    29660594        29660691        .       +
        .       Parent=Smp_130000.1;Name=3b6c6c42-ca03-498e-
a58a-33affc896e9f
SM_V9_2 iris    exon    29662003        29662440        .       +
        .       Parent=Smp_130000.1;Name=209e0360-beca-4266-
bcb0-74bd798304c5
SM_V9_2 iris    exon    29663169        29663499        .       +
        .       Parent=Smp_130000.1;Name=d9eaf061-2850-4956-
a867-3c2f12478cdd
SM_V9_2 iris    exon    29665036        29665194        .       +
        .       Parent=Smp_130000.1;Name=721a8a27-d784-4e8c-a4de-
c87281924ba3
SM_V9_2 iris    exon    29666169        29666275        .       +
        .       Parent=Smp_130000.1;Name=bb8c32cd-3878-4027-
b765-6378aad8a65a
SM_V9_2 iris    exon    29670460        29670612        .       +
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SM_V9_2 iris    exon    29678112        29678192        .       +
        .
Parent=Smp_130000.1;Name=8e5099d1-169e-4169-99d5-063453a2658e
SM_V9_2 iris    exon    29680505        29680903        .       +
        .       Parent=Smp_130000.1;Name=b689851c-a82b-4199-a946-
da220bb21478
SM_V9_2 iris    exon    29681553        29681921        .       +
        .       Parent=Smp_130000.1;Name=011534a7-5bd6-4bfe-b65a-
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SM_V9_2 iris    exon    29682721        29682897        .       +
        .       Parent=Smp_130000.1;Name=341044d3-7a88-4296-9c65-
e74f9e234316
SM_V9_2 iris    exon    29682959        29683279        .       +
        .
Parent=Smp_130000.1;Name=a3bdec34-9c8a-4106-95a6-1ea977bc46e4
SM_V9_2 iris    CDS     29643703        29643844        .       +
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SM_V9_2 iris    CDS     29643879        29643933        .       +
        2       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29643967        29644002        .       +
        1       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29644038        29644122        .       +
        1       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29644168        29644239        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29644272        29644476        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29644510        29644661        .       +
        2       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29644796        29644872        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29645893        29646152        .       +
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        1       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29650056        29650311        .       +
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        1       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29653876        29654028        .       +
        2       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29656322        29656485        .       +
        2       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29659252        29659528        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29660594        29660691        .       +
        2       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29662003        29662440        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29663169        29663499        .       +
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        2       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29666169        29666275        .       +
        2       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29670460        29670612        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29678112        29678192        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29680505        29680903        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29681553        29681921        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29682721        29682897        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    CDS     29682959        29683153        .       +
        0       Parent=Smp_130000.1
SM_V9_2 iris    gene    29684706        29717374        .       -
        .
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        .
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and VPS9 domain-containing protein 1;date_creation=2022-07-10
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SM_V9_2 iris    exon    29686478        29686609        .       -
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a19f-61a508191ea1
SM_V9_2 iris    exon    29687920        29688052        .       -
        .       Parent=Smp_129990.1;Name=bce4cfcd-51e7-4646-81e0-
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SM_V9_2 iris    exon    29690081        29690515        .       -
        .       Parent=Smp_129990.1;Name=0d6574b2-ac63-4b6a-b1aa-
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        .       Parent=Smp_129990.1;Name=067c330c-a73d-4d9f-9f3d-
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SM_V9_2 iris    exon    29694980        29695163        .       -
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        .
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        .
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SM_V9_2 iris    exon    29710461        29711046        .       -
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SM_V9_2 iris    exon    29713070        29713220        .       -
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SM_V9_2 iris    CDS     29686478        29686609        .       -
        0       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29687920        29688052        .       -
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SM_V9_2 iris    CDS     29690081        29690515        .       -
        1       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29691548        29691870        .       -
        0       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29693367        29693896        .       -
        2       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29694980        29695163        .       -
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SM_V9_2 iris    CDS     29700568        29700662        .       -
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        0       Parent=Smp_129990.1
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        2       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29704502        29705167        .       -
        2       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29706069        29706473        .       -
        2       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29708479        29708978        .       -
        1       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29710461        29711046        .       -
        2       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29713070        29713220        .       -
        0       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29715345        29715653        .       -
        0       Parent=Smp_129990.1
SM_V9_2 iris    CDS     29716259        29717212        .       -
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SM_V9_2 Liftoff gene    29742027        29763721        .       -
        .
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SM_V9_2 Liftoff mRNA    29742027        29763721        .       -
        .
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r biosynthetic protein FlhB;polypeptide_domain=InterPro:IPR000157
Pfam:PF13676;Ontology_term=GO:0005515,GO:0007165
SM_V9_2 Liftoff exon    29742027        29742393        .       -
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SM_V9_2 Liftoff exon    29743092        29743156        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff exon    29746452        29746615        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff exon    29749492        29749624        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff exon    29752371        29752492        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff exon    29753959        29754264        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff exon    29760344        29760500        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff exon    29760539        29760682        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff exon    29760719        29763721        .       -
        .       Parent=Smp_014430.1
SM_V9_2 Liftoff CDS     29742360        29742393        .       -
        1       Parent=Smp_014430.1
SM_V9_2 Liftoff CDS     29743092        29743156        .       -
        0       Parent=Smp_014430.1
SM_V9_2 Liftoff CDS     29746452        29746615        .       -
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SM_V9_2 Liftoff CDS     29749492        29749624        .       -
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        2       Parent=Smp_014430.1
SM_V9_2 Liftoff CDS     29753959        29754264        .       -
        2       Parent=Smp_014430.1
SM_V9_2 Liftoff CDS     29760344        29760500        .       -
        0       Parent=Smp_014430.1
SM_V9_2 Liftoff CDS     29760539        29760682        .       -
        0       Parent=Smp_014430.1
SM_V9_2 Liftoff CDS     29760719        29761147        .       -
        0       Parent=Smp_014430.1
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        .
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SM_V9_2 iris    mRNA    29773996        29794410        .       +
        .
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ied=2022-06-30;Name=Smp_129980.1;product=Protein
CASC4;date_creation=2022-06-30
SM_V9_2 iris    exon    29773996        29774025        .       +
        .       Parent=Smp_129980.1;Name=b3d230f8-
d8b4-4d3e-942b-5b8cbc9c93a5
SM_V9_2 iris    exon    29782074        29782540        .       +
        .
Parent=Smp_129980.1;Name=47c2b28d-3fbb-4805-87c0-4a023e5a5916
SM_V9_2 iris    exon    29782578        29782721        .       +
        .       Parent=Smp_129980.1;Name=382ebfad-
b09a-4f63-8122-1358933eada7
SM_V9_2 iris    exon    29782760        29782913        .       +
        .       Parent=Smp_129980.1;Name=34007501-aa5a-4c5b-ba7a-
a263ea548add
SM_V9_2 iris    exon    29784890        29785192        .       +
        .       Parent=Smp_129980.1;Name=0f2c3d6c-e499-4027-a551-
f54543ae573c
SM_V9_2 iris    exon    29786954        29787087        .       +
        .       Parent=Smp_129980.1;Name=cb9d4505-
cbe6-45d5-990e-636955b94dbc
SM_V9_2 iris    exon    29787903        29788035        .       +
        .
Parent=Smp_129980.1;Name=6f53a1cc-2de5-4e39-892c-89797747b158
SM_V9_2 iris    exon    29791267        29791433        .       +
        .
Parent=Smp_129980.1;Name=548f33ae-109c-45ab-954c-4b8b725bdfc8
SM_V9_2 iris    exon    29793313        29793359        .       +
        .       Parent=Smp_129980.1;Name=c45d89e5-
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SM_V9_2 iris    exon    29794157        29794410        .       +
        .       Parent=Smp_129980.1;Name=20f42ecc-c984-4a63-bb01-
a22684608664
SM_V9_2 iris    CDS     29782088        29782540        .       +
        0       Parent=Smp_129980.1
SM_V9_2 iris    CDS     29782578        29782721        .       +
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SM_V9_2 iris    CDS     29782760        29782913        .       +
        0       Parent=Smp_129980.1
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SM_V9_2 iris    CDS     29786954        29787087        .       +
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SM_V9_2 iris    CDS     29787903        29788035        .       +
        0       Parent=Smp_129980.1
SM_V9_2 iris    CDS     29791267        29791433        .       +
        2       Parent=Smp_129980.1
SM_V9_2 iris    CDS     29793313        29793359        .       +
        0       Parent=Smp_129980.1
SM_V9_2 iris    CDS     29794157        29794190        .       +
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SM_V9_2 iris    mRNA    29795187        29799652        .       -
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RLM3;date_creation=2022-11-12
SM_V9_2 iris    exon    29795187        29795477        .       -
        .       Parent=Smp_014410.1;Name=4a79f5fb-e5a0-44d4-8d83-
a921ec26a376
SM_V9_2 iris    exon    29796492        29796658        .       -
        .       Parent=Smp_014410.1;Name=13917e8b-ff98-491a-
bb0b-1dec6f5b9512
SM_V9_2 iris    exon    29799403        29799652        .       -
        .       Parent=Smp_014410.1;Name=cab07a29-73ab-49ac-a18b-
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SM_V9_2 iris    CDS     29795451        29795477        .       -
        0       Parent=Smp_014410.1
SM_V9_2 iris    CDS     29796492        29796658        .       -
        2       Parent=Smp_014410.1
SM_V9_2 iris    CDS     29799403        29799514        .       -
        0       Parent=Smp_014410.1
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        .       ID=Smp_328320;geneID=Smp_328320
SM_V9_2 Liftoff mRNA    29859653        29860562        .       -
        .
ID=Smp_328320.1;Parent=Smp_328320;geneID=Smp_328320;product=30S
ribosomal protein S17e
SM_V9_2 Liftoff exon    29859653        29860562        .       -
        .       Parent=Smp_328320.1
SM_V9_2 Liftoff CDS     29860027        29860260        .       -
        0       Parent=Smp_328320.1
SM_V9_2 Liftoff gene    29869488        29873946        .       -
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SM_V9_2 Liftoff mRNA    29869488        29873946        .       -
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Pfam:PF10513
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SM_V9_2 Liftoff exon    29872404        29872561        .       -
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SM_V9_2 Liftoff exon    29872815        29873086        .       -
        .       Parent=Smp_014400.1
SM_V9_2 Liftoff exon    29873120        29873262        .       -
        .       Parent=Smp_014400.1
SM_V9_2 Liftoff exon    29873298        29873451        .       -
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SM_V9_2 Liftoff exon    29873587        29873946        .       -
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SM_V9_2 Liftoff CDS     29869792        29870154        .       -
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SM_V9_2 Liftoff CDS     29870412        29871066        .       -
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SM_V9_2 Liftoff CDS     29872404        29872561        .       -
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SM_V9_2 Liftoff CDS     29872597        29872780        .       -
        1       Parent=Smp_014400.1
SM_V9_2 Liftoff CDS     29872815        29873086        .       -
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SM_V9_2 Liftoff CDS     29873120        29873262        .       -
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SM_V9_2 Liftoff CDS     29873298        29873451        .       -
        0       Parent=Smp_014400.1
SM_V9_2 Liftoff CDS     29873587        29873745        .       -
        0       Parent=Smp_014400.1
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        .
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Pfam:PF10513
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        .       Parent=Smp_014400.2
SM_V9_2 Liftoff exon    29872404        29872561        .       -
        .       Parent=Smp_014400.2
SM_V9_2 Liftoff exon    29872597        29872780        .       -
        .       Parent=Smp_014400.2
SM_V9_2 Liftoff exon    29872815        29873086        .       -
        .       Parent=Smp_014400.2
SM_V9_2 Liftoff exon    29873120        29873262        .       -
        .       Parent=Smp_014400.2
SM_V9_2 Liftoff exon    29873298        29873946        .       -
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SM_V9_2 Liftoff CDS     29869792        29870154        .       -
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        1       Parent=Smp_014400.2
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SM_V9_2 Liftoff CDS     29873120        29873262        .       -
        2       Parent=Smp_014400.2
SM_V9_2 Liftoff CDS     29873298        29873478        .       -
        0       Parent=Smp_014400.2
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        .       ID=Smp_328330;geneID=Smp_328330
SM_V9_2 Liftoff mRNA    29875016        29876680        .       +
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SM_V9_2 Liftoff exon    29875016        29875736        .       +
        .       Parent=Smp_328330.1
SM_V9_2 Liftoff exon    29875994        29876680        .       +
        .       Parent=Smp_328330.1
SM_V9_2 Liftoff CDS     29875047        29875736        .       +
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SM_V9_2 Liftoff CDS     29875994        29876356        .       +
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of polycomb homolog 2
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        .       Parent=Smp_328330.2
SM_V9_2 Liftoff exon    29875662        29876714        .       +
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SM_V9_2 Liftoff CDS     29875047        29875620        .       +
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SM_V9_2 Liftoff CDS     29875662        29875717        .       +
        2       Parent=Smp_328330.2
SM_V9_2 Liftoff gene    29897666        29916510        .       +
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SM_V9_2 Liftoff mRNA    29897666        29916510        .       +
        .
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Pfam:PF00640,PF06311;Ontology_term=GO:0005515
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        .       Parent=Smp_045480.1
SM_V9_2 Liftoff exon    29899506        29899586        .       +
        .       Parent=Smp_045480.1
SM_V9_2 Liftoff exon    29899631        29899696        .       +
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SM_V9_2 Liftoff exon    29899733        29899873        .       +
        .       Parent=Smp_045480.1
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        .       Parent=Smp_045480.1
SM_V9_2 Liftoff exon    29910217        29910331        .       +
        .       Parent=Smp_045480.1
SM_V9_2 Liftoff exon    29912109        29912503        .       +
        .       Parent=Smp_045480.1
SM_V9_2 Liftoff exon    29913999        29914248        .       +
        .       Parent=Smp_045480.1
SM_V9_2 Liftoff exon    29914433        29916510        .       +
        .       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29899328        29899468        .       +
        0       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29899506        29899586        .       +
        0       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29899631        29899696        .       +
        0       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29899733        29899873        .       +
        0       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29901972        29902109        .       +
        0       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29907747        29907923        .       +
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SM_V9_2 Liftoff CDS     29910217        29910331        .       +
        0       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29912109        29912503        .       +
        2       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29913999        29914248        .       +
        0       Parent=Smp_045480.1
SM_V9_2 Liftoff CDS     29914433        29914707        .       +
        2       Parent=Smp_045480.1
SM_V9_2 iris    gene    29940247        29946682        .       +
        .
ID=Smp_045470;geneID=Smp_045470;gene_name=Smp_045470;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    29940247        29946682        .       +
        .
ID=Smp_045470.1;Parent=Smp_045470;geneID=Smp_045470;gene_name=Smp_04
5470;owner=irisadmin@local.host;orig_id=Smp_045470.1;date_last_modif
ied=2022-08-17;Name=Smp_045470.1;product=Homeobox protein prospero
homolog 1;date_creation=2022-08-17
SM_V9_2 iris    exon    29940247        29940448        .       +
        .
Parent=Smp_045470.1;Name=aa9de360-9633-4d28-8c94-6c8a991deb33
SM_V9_2 iris    exon    29942556        29943991        .       +
        .       Parent=Smp_045470.1;Name=259aa05a-7c29-4217-
a7d1-50307fc8f7a3
SM_V9_2 iris    exon    29944649        29945740        .       +
        .
Parent=Smp_045470.1;Name=b6ea3090-12a1-4cdf-8439-24844c30f053
SM_V9_2 iris    exon    29946105        29946682        .       +
        .       Parent=Smp_045470.1;Name=ecd2aafd-01c3-4293-903c-
ac0ed7d919db
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SM_V9_2 iris    CDS     29942582        29943991        .       +
        0       Parent=Smp_045470.1
SM_V9_2 iris    CDS     29944649        29944807        .       +
        0       Parent=Smp_045470.1
SM_V9_2 Liftoff gene    29951037        29977514        .       +
        .       ID=Smp_146650;geneID=Smp_146650
SM_V9_2 Liftoff mRNA    29951037        29977514        .       +
        .
ID=Smp_146650.1;Parent=Smp_146650;geneID=Smp_146650;product=Leucine-
rich repeat-containing protein
74B;polypeptide_domain=InterPro:IPR001611,IPR002048,IPR011992,IPR032
675 Pfam:PF13516;Ontology_term=GO:0005509,GO:0005515
SM_V9_2 Liftoff exon    29951037        29951279        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29953404        29953619        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29955606        29956018        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29961554        29961661        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29964371        29964464        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29968711        29968760        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29970243        29970410        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29971808        29972113        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29972551        29972817        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29974595        29974680        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff exon    29977287        29977514        .       +
        .       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29951138        29951279        .       +
        0       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29953404        29953619        .       +
        2       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29955606        29956018        .       +
        2       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29961554        29961661        .       +
        0       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29964371        29964464        .       +
        0       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29968711        29968760        .       +
        2       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29970243        29970410        .       +
        0       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29971808        29972113        .       +
        0       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29972551        29972817        .       +
        0       Parent=Smp_146650.1
SM_V9_2 Liftoff CDS     29974595        29974680        .       +
        0       Parent=Smp_146650.1
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SM_V9_2 Liftoff CDS     29977287        29977377        .       +
        1       Parent=Smp_146650.1
SM_V9_2 Liftoff gene    29985791        30045281        .       -
        .       ID=Smp_146640;geneID=Smp_146640
SM_V9_2 Liftoff mRNA    29985791        30045281        .       -
        .
ID=Smp_146640.1;Parent=Smp_146640;geneID=Smp_146640;product=LARGE
xylosyl- and glucuronyltransferase
2;polypeptide_domain=InterPro:IPR002495,IPR029044
Pfam:PF01501,PF13896;Ontology_term=GO:0016757
SM_V9_2 Liftoff exon    29985791        29986469        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    29988734        29988954        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    29990648        29990848        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    29993416        29993559        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    29997311        29997473        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    29999344        29999537        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30001047        30001177        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30002311        30002572        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30005969        30006100        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30007892        30007963        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30011926        30012009        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30013875        30013970        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30018591        30018929        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff exon    30023315        30045281        .       -
        .       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     29986361        29986469        .       -
        1       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     29988734        29988954        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     29990648        29990848        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     29993416        29993559        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     29997311        29997473        .       -
        1       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     29999344        29999537        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     30001047        30001177        .       -
        2       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     30002311        30002572        .       -
        0       Parent=Smp_146640.1
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SM_V9_2 Liftoff CDS     30005969        30006100        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     30007892        30007963        .       -
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SM_V9_2 Liftoff CDS     30011926        30012009        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     30013875        30013970        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     30018591        30018929        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff CDS     30023315        30023533        .       -
        0       Parent=Smp_146640.1
SM_V9_2 Liftoff gene    30060877        30065213        .       -
        .       ID=Smp_045430;geneID=Smp_045430
SM_V9_2 Liftoff mRNA    30060877        30065213        .       -
        .
ID=Smp_045430.1;Parent=Smp_045430;geneID=Smp_045430;product=UDP-N-
acetylglucosamine transferase subunit ALG14
homolog;polypeptide_domain=InterPro:IPR013969
Pfam:PF08660;Ontology_term=GO:0006488
SM_V9_2 Liftoff exon    30060877        30061176        .       -
        .       Parent=Smp_045430.1
SM_V9_2 Liftoff exon    30063241        30063300        .       -
        .       Parent=Smp_045430.1
SM_V9_2 Liftoff exon    30064699        30064725        .       -
        .       Parent=Smp_045430.1
SM_V9_2 Liftoff exon    30064727        30064822        .       -
        .       Parent=Smp_045430.1
SM_V9_2 Liftoff exon    30064855        30064991        .       -
        .       Parent=Smp_045430.1
SM_V9_2 Liftoff exon    30065020        30065128        .       -
        .       Parent=Smp_045430.1
SM_V9_2 Liftoff exon    30065163        30065213        .       -
        .       Parent=Smp_045430.1
SM_V9_2 Liftoff CDS     30061003        30061176        .       -
        0       Parent=Smp_045430.1
SM_V9_2 Liftoff CDS     30063241        30063300        .       -
        0       Parent=Smp_045430.1
SM_V9_2 Liftoff CDS     30064699        30064725        .       -
        0       Parent=Smp_045430.1
SM_V9_2 Liftoff CDS     30064727        30064822        .       -
        0       Parent=Smp_045430.1
SM_V9_2 Liftoff CDS     30064855        30064991        .       -
        2       Parent=Smp_045430.1
SM_V9_2 Liftoff CDS     30065020        30065128        .       -
        0       Parent=Smp_045430.1
SM_V9_2 Liftoff CDS     30065163        30065165        .       -
        0       Parent=Smp_045430.1
SM_V9_2 Liftoff mRNA    30060877        30065213        .       -
        .
ID=Smp_045430.2;Parent=Smp_045430;geneID=Smp_045430;product=UDP-N-
acetylglucosamine transferase subunit ALG14
homolog;polypeptide_domain=InterPro:IPR013969
Pfam:PF08660;Ontology_term=GO:0006488
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SM_V9_2 Liftoff exon    30060877        30061176        .       -
        .       Parent=Smp_045430.2
SM_V9_2 Liftoff exon    30064699        30064725        .       -
        .       Parent=Smp_045430.2
SM_V9_2 Liftoff exon    30064727        30064822        .       -
        .       Parent=Smp_045430.2
SM_V9_2 Liftoff exon    30064855        30064991        .       -
        .       Parent=Smp_045430.2
SM_V9_2 Liftoff exon    30065020        30065128        .       -
        .       Parent=Smp_045430.2
SM_V9_2 Liftoff exon    30065163        30065213        .       -
        .       Parent=Smp_045430.2
SM_V9_2 Liftoff CDS     30061003        30061176        .       -
        0       Parent=Smp_045430.2
SM_V9_2 Liftoff CDS     30064699        30064725        .       -
        0       Parent=Smp_045430.2
SM_V9_2 Liftoff CDS     30064727        30064822        .       -
        0       Parent=Smp_045430.2
SM_V9_2 Liftoff CDS     30064855        30064991        .       -
        2       Parent=Smp_045430.2
SM_V9_2 Liftoff CDS     30065020        30065128        .       -
        0       Parent=Smp_045430.2
SM_V9_2 Liftoff CDS     30065163        30065165        .       -
        0       Parent=Smp_045430.2
SM_V9_2 iris    gene    30066207        30074481        .       +
        .
ID=Smp_045420;geneID=Smp_045420;gene_name=Smp_045420;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    30066207        30074481        .       +
        .
ID=Smp_045420.1;Parent=Smp_045420;geneID=Smp_045420;gene_name=Smp_04
5420;owner=irisadmin@local.host;orig_id=Smp_045420.1;date_last_modif
ied=2022-07-10;Name=Smp_045420.1;product=Adiponectin receptor
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    30066207        30066325        .       +
        .       Parent=Smp_045420.1;Name=fb91e5f5-0052-4651-8523-
c13fd9fb71e0
SM_V9_2 iris    exon    30066357        30066451        .       +
        .       Parent=Smp_045420.1;Name=3cbd3e5a-aea3-432b-b330-
a220b3628445
SM_V9_2 iris    exon    30068640        30068856        .       +
        .       Parent=Smp_045420.1;Name=29ba5224-9809-4944-953b-
ced02b24e0db
SM_V9_2 iris    exon    30068905        30069085        .       +
        .       Parent=Smp_045420.1;Name=3b1dff3a-
bb17-40d4-9a53-9b8bebb65eef
SM_V9_2 iris    exon    30069954        30070335        .       +
        .
Parent=Smp_045420.1;Name=e36fc7ec-61ec-473e-91dd-0ce8e924bf98
SM_V9_2 iris    exon    30073364        30074481        .       +
        .       Parent=Smp_045420.1;Name=13db2ff7-
baa2-4109-8814-3d93180793b2
SM_V9_2 iris    CDS     30066265        30066325        .       +
        0       Parent=Smp_045420.1
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SM_V9_2 iris    CDS     30066357        30066451        .       +
        2       Parent=Smp_045420.1
SM_V9_2 iris    CDS     30068640        30068856        .       +
        0       Parent=Smp_045420.1
SM_V9_2 iris    CDS     30068905        30069085        .       +
        2       Parent=Smp_045420.1
SM_V9_2 iris    CDS     30069954        30070335        .       +
        1       Parent=Smp_045420.1
SM_V9_2 iris    CDS     30073364        30073546        .       +
        0       Parent=Smp_045420.1
SM_V9_2 Liftoff gene    30078884        30090184        .       -
        .       ID=Smp_045410;geneID=Smp_045410
SM_V9_2 Liftoff mRNA    30078884        30090184        .       -
        .
ID=Smp_045410.1;Parent=Smp_045410;geneID=Smp_045410;product=Adiponec
tin receptor protein;polypeptide_domain=InterPro:IPR004254
Pfam:PF03006;Ontology_term=GO:0016021
SM_V9_2 Liftoff exon    30078884        30079503        .       -
        .       Parent=Smp_045410.1
SM_V9_2 Liftoff exon    30081177        30081558        .       -
        .       Parent=Smp_045410.1
SM_V9_2 Liftoff exon    30083488        30083668        .       -
        .       Parent=Smp_045410.1
SM_V9_2 Liftoff exon    30086054        30086181        .       -
        .       Parent=Smp_045410.1
SM_V9_2 Liftoff exon    30086184        30086269        .       -
        .       Parent=Smp_045410.1
SM_V9_2 Liftoff exon    30089684        30090184        .       -
        .       Parent=Smp_045410.1
SM_V9_2 Liftoff CDS     30079324        30079503        .       -
        0       Parent=Smp_045410.1
SM_V9_2 Liftoff CDS     30081177        30081558        .       -
        1       Parent=Smp_045410.1
SM_V9_2 Liftoff CDS     30083488        30083668        .       -
        2       Parent=Smp_045410.1
SM_V9_2 Liftoff CDS     30086054        30086181        .       -
        1       Parent=Smp_045410.1
SM_V9_2 Liftoff CDS     30086184        30086269        .       -
        0       Parent=Smp_045410.1
SM_V9_2 Liftoff CDS     30089684        30089815        .       -
        0       Parent=Smp_045410.1
SM_V9_2 Liftoff mRNA    30078884        30090184        .       -
        .
ID=Smp_045410.2;Parent=Smp_045410;geneID=Smp_045410;product=Adiponec
tin receptor protein;polypeptide_domain=InterPro:IPR004254
Pfam:PF03006;Ontology_term=GO:0016021
SM_V9_2 Liftoff exon    30078884        30079503        .       -
        .       Parent=Smp_045410.2
SM_V9_2 Liftoff exon    30081177        30081558        .       -
        .       Parent=Smp_045410.2
SM_V9_2 Liftoff exon    30083488        30083668        .       -
        .       Parent=Smp_045410.2
SM_V9_2 Liftoff exon    30086054        30086181        .       -
        .       Parent=Smp_045410.2
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SM_V9_2 Liftoff exon    30086184        30086269        .       -
        .       Parent=Smp_045410.2
SM_V9_2 Liftoff exon    30089684        30090184        .       -
        .       Parent=Smp_045410.2
SM_V9_2 Liftoff CDS     30079324        30079503        .       -
        0       Parent=Smp_045410.2
SM_V9_2 Liftoff CDS     30081177        30081558        .       -
        1       Parent=Smp_045410.2
SM_V9_2 Liftoff CDS     30083488        30083668        .       -
        2       Parent=Smp_045410.2
SM_V9_2 Liftoff CDS     30086054        30086181        .       -
        1       Parent=Smp_045410.2
SM_V9_2 Liftoff CDS     30086184        30086269        .       -
        0       Parent=Smp_045410.2
SM_V9_2 Liftoff CDS     30089684        30089815        .       -
        0       Parent=Smp_045410.2
SM_V9_2 iris    gene    30106821        30121406        .       +
        .
ID=Smp_045400;geneID=Smp_045400;gene_name=Smp_045400;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    30106821        30121406        .       +
        .
ID=Smp_045400.1;Parent=Smp_045400;geneID=Smp_045400;gene_name=Smp_04
5400;owner=irisadmin@local.host;orig_id=Smp_045400.1;date_last_modif
ied=2022-07-10;Name=Smp_045400.1;product=Odorant response abnormal
protein 4;date_creation=2022-07-10
SM_V9_2 iris    exon    30106821        30106993        .       +
        .
Parent=Smp_045400.1;Name=2beac7a2-60a3-47c2-8d03-7d530c3209ff
SM_V9_2 iris    exon    30107027        30107263        .       +
        .       Parent=Smp_045400.1;Name=b17de3bf-
cbe6-420a-869d-06269f07b045
SM_V9_2 iris    exon    30107290        30107390        .       +
        .       Parent=Smp_045400.1;Name=4c0128c7-3382-4e9d-be38-
c1db9f34f642
SM_V9_2 iris    exon    30107425        30107461        .       +
        .
Parent=Smp_045400.1;Name=b722d342-9634-4b08-83ca-54872954c2bc
SM_V9_2 iris    exon    30107495        30107632        .       +
        .       Parent=Smp_045400.1;Name=298dcdc3-0690-46cc-8f1d-
a6db5b0fcbbf
SM_V9_2 iris    exon    30109967        30110260        .       +
        .       Parent=Smp_045400.1;Name=be5f9572-de35-488b-ab22-
eb8757857558
SM_V9_2 iris    exon    30113451        30113645        .       +
        .       Parent=Smp_045400.1;Name=105a2e71-ee24-49d5-
b3cc-1f9448fd2761
SM_V9_2 iris    exon    30115403        30115490        .       +
        .       Parent=Smp_045400.1;Name=ae534764-90a2-4d33-
a335-754d0e70c305
SM_V9_2 iris    exon    30117031        30117312        .       +
        .       Parent=Smp_045400.1;Name=ed9e90dd-4844-4cba-
bae5-1552e8144a7a
SM_V9_2 iris    exon    30119755        30119829        .       +
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        .       Parent=Smp_045400.1;Name=a90e68b9-ad87-497c-
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SM_V9_2 iris    exon    30120353        30121406        .       +
        .
Parent=Smp_045400.1;Name=f26bf98b-44ff-465f-9142-66e2e4ebdfc8
SM_V9_2 iris    CDS     30106907        30106993        .       +
        0       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30107027        30107263        .       +
        0       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30107290        30107390        .       +
        0       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30107425        30107461        .       +
        1       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30107495        30107632        .       +
        0       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30109967        30110260        .       +
        0       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30113451        30113645        .       +
        0       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30115403        30115490        .       +
        0       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30117031        30117312        .       +
        2       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30119755        30119829        .       +
        2       Parent=Smp_045400.1
SM_V9_2 iris    CDS     30120353        30120489        .       +
        2       Parent=Smp_045400.1
SM_V9_2 Liftoff gene    30124797        30139764        .       +
        .       ID=Smp_146630;geneID=Smp_146630
SM_V9_2 Liftoff mRNA    30124797        30139764        .       +
        .
ID=Smp_146630.1;Parent=Smp_146630;geneID=Smp_146630;product=Probable
palmitoyltransferase ZDHHC12;polypeptide_domain=InterPro:IPR001594
Pfam:PF01529
SM_V9_2 Liftoff exon    30124797        30124977        .       +
        .       Parent=Smp_146630.1
SM_V9_2 Liftoff exon    30126775        30126905        .       +
        .       Parent=Smp_146630.1
SM_V9_2 Liftoff exon    30127499        30127657        .       +
        .       Parent=Smp_146630.1
SM_V9_2 Liftoff exon    30127771        30128010        .       +
        .       Parent=Smp_146630.1
SM_V9_2 Liftoff exon    30131887        30132053        .       +
        .       Parent=Smp_146630.1
SM_V9_2 Liftoff exon    30134235        30134457        .       +
        .       Parent=Smp_146630.1
SM_V9_2 Liftoff exon    30138750        30139764        .       +
        .       Parent=Smp_146630.1
SM_V9_2 Liftoff CDS     30124866        30124977        .       +
        0       Parent=Smp_146630.1
SM_V9_2 Liftoff CDS     30126775        30126905        .       +
        2       Parent=Smp_146630.1
SM_V9_2 Liftoff CDS     30127499        30127657        .       +
        0       Parent=Smp_146630.1
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SM_V9_2 Liftoff CDS     30127771        30128010        .       +
        0       Parent=Smp_146630.1
SM_V9_2 Liftoff CDS     30131887        30132053        .       +
        0       Parent=Smp_146630.1
SM_V9_2 Liftoff CDS     30134235        30134457        .       +
        1       Parent=Smp_146630.1
SM_V9_2 Liftoff CDS     30138750        30138965        .       +
        0       Parent=Smp_146630.1
SM_V9_2 Liftoff gene    30160529        30248846        .       +
        .
ID=Smp_343940;geneID=Smp_343940;previous_systematic_id=Smp_146620
SM_V9_2 Liftoff mRNA    30160529        30248846        .       +
        .
ID=Smp_343940.1;Parent=Smp_343940;geneID=Smp_343940;product=Potassiu
m voltage-gated channel protein
eag;polypeptide_domain=InterPro:IPR000014,IPR000595,IPR000700,IPR003
938,IPR003949,IPR005821,IPR014710,IPR018490
Pfam:PF00027,PF00520,PF13426;Ontology_term=GO:0000155,GO:0000160,GO:
0005216,GO:0005249,GO:0006811,GO:0006813,GO:0016020,GO:0055085
SM_V9_2 Liftoff exon    30160529        30160616        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30220576        30220806        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30222395        30222568        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30223551        30224089        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30225628        30226131        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30231070        30231853        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30235385        30235584        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30238912        30239164        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30242807        30243003        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30244917        30245368        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff exon    30247707        30248846        .       +
        .       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30160538        30160616        .       +
        0       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30220576        30220806        .       +
        2       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30222395        30222568        .       +
        2       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30223551        30224089        .       +
        2       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30225628        30226131        .       +
        0       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30231070        30231853        .       +
        0       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30235385        30235584        .       +
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        2       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30238912        30239164        .       +
        0       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30242807        30243003        .       +
        2       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30244917        30245368        .       +
        0       Parent=Smp_343940.1
SM_V9_2 Liftoff CDS     30247707        30248274        .       +
        1       Parent=Smp_343940.1
SM_V9_2 Liftoff gene    30261628        30284343        .       -
        .       ID=Smp_146610;geneID=Smp_146610
SM_V9_2 Liftoff mRNA    30261628        30284343        .       -
        .
ID=Smp_146610.1;Parent=Smp_146610;geneID=Smp_146610;product=Ribonucl
ease Y
SM_V9_2 Liftoff exon    30261628        30261873        .       -
        .       Parent=Smp_146610.1
SM_V9_2 Liftoff exon    30262936        30263031        .       -
        .       Parent=Smp_146610.1
SM_V9_2 Liftoff exon    30264894        30265075        .       -
        .       Parent=Smp_146610.1
SM_V9_2 Liftoff exon    30270090        30270207        .       -
        .       Parent=Smp_146610.1
SM_V9_2 Liftoff exon    30270900        30270958        .       -
        .       Parent=Smp_146610.1
SM_V9_2 Liftoff exon    30280059        30280110        .       -
        .       Parent=Smp_146610.1
SM_V9_2 Liftoff exon    30282287        30284343        .       -
        .       Parent=Smp_146610.1
SM_V9_2 Liftoff CDS     30261703        30261873        .       -
        0       Parent=Smp_146610.1
SM_V9_2 Liftoff CDS     30262936        30263031        .       -
        0       Parent=Smp_146610.1
SM_V9_2 Liftoff CDS     30264894        30265075        .       -
        2       Parent=Smp_146610.1
SM_V9_2 Liftoff CDS     30270090        30270207        .       -
        0       Parent=Smp_146610.1
SM_V9_2 Liftoff CDS     30270900        30270958        .       -
        2       Parent=Smp_146610.1
SM_V9_2 Liftoff CDS     30280059        30280110        .       -
        0       Parent=Smp_146610.1
SM_V9_2 Liftoff CDS     30282287        30282382        .       -
        0       Parent=Smp_146610.1
SM_V9_2 Liftoff mRNA    30261628        30284343        .       -
        .
ID=Smp_146610.2;Parent=Smp_146610;geneID=Smp_146610;product=Uncharac
terized protein ACIAD1444
SM_V9_2 Liftoff exon    30261628        30261873        .       -
        .       Parent=Smp_146610.2
SM_V9_2 Liftoff exon    30262936        30263031        .       -
        .       Parent=Smp_146610.2
SM_V9_2 Liftoff exon    30264894        30265072        .       -
        .       Parent=Smp_146610.2
SM_V9_2 Liftoff exon    30270090        30270207        .       -
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        .       Parent=Smp_146610.2
SM_V9_2 Liftoff exon    30270900        30270958        .       -
        .       Parent=Smp_146610.2
SM_V9_2 Liftoff exon    30280059        30280110        .       -
        .       Parent=Smp_146610.2
SM_V9_2 Liftoff exon    30282287        30284343        .       -
        .       Parent=Smp_146610.2
SM_V9_2 Liftoff CDS     30261703        30261873        .       -
        0       Parent=Smp_146610.2
SM_V9_2 Liftoff CDS     30262936        30263031        .       -
        0       Parent=Smp_146610.2
SM_V9_2 Liftoff CDS     30264894        30265072        .       -
        2       Parent=Smp_146610.2
SM_V9_2 Liftoff CDS     30270090        30270207        .       -
        0       Parent=Smp_146610.2
SM_V9_2 Liftoff CDS     30270900        30270958        .       -
        2       Parent=Smp_146610.2
SM_V9_2 Liftoff CDS     30280059        30280110        .       -
        0       Parent=Smp_146610.2
SM_V9_2 Liftoff CDS     30282287        30282382        .       -
        0       Parent=Smp_146610.2
SM_V9_2 Liftoff mRNA    30261628        30284343        .       -
        .
ID=Smp_146610.3;Parent=Smp_146610;geneID=Smp_146610;product=Uncharac
terized protein ACIAD1444
SM_V9_2 Liftoff exon    30261628        30261873        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30262936        30263031        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30264894        30265072        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30270090        30270207        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30270900        30270958        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30274162        30274199        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30276751        30276774        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30277571        30277583        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30280059        30280110        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff exon    30282287        30284343        .       -
        .       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30261703        30261873        .       -
        0       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30262936        30263031        .       -
        0       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30264894        30265072        .       -
        2       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30270090        30270207        .       -
        0       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30270900        30270958        .       -
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        2       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30274162        30274199        .       -
        1       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30276751        30276774        .       -
        1       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30277571        30277583        .       -
        2       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30280059        30280110        .       -
        0       Parent=Smp_146610.3
SM_V9_2 Liftoff CDS     30282287        30282382        .       -
        0       Parent=Smp_146610.3
SM_V9_2 Liftoff pseudogene      30283551        30292597        .
        +       .       ID=Smp_328300;geneID=Smp_328300
SM_V9_2 Liftoff transcript      30283551        30292597        .
        +       .
ID=Smp_328300.1;Parent=Smp_328300;geneID=Smp_328300
SM_V9_2 Liftoff exon    30283551        30283874        .       +
        .       Parent=Smp_328300.1
SM_V9_2 Liftoff exon    30285614        30285762        .       +
        .       Parent=Smp_328300.1
SM_V9_2 Liftoff exon    30291534        30292597        .       +
        .       Parent=Smp_328300.1
SM_V9_2 Liftoff gene    30299546        30306483        .       -
        .       ID=Smp_146600;geneID=Smp_146600
SM_V9_2 Liftoff mRNA    30299546        30306483        .       -
        .
ID=Smp_146600.1;Parent=Smp_146600;geneID=Smp_146600;product=Rho-
related GTP-binding protein
RhoC;polypeptide_domain=InterPro:IPR001806,IPR003578,IPR005225,IPR02
7417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0005622,GO:00072
64
SM_V9_2 Liftoff exon    30299546        30300233        .       -
        .       Parent=Smp_146600.1
SM_V9_2 Liftoff exon    30302242        30302473        .       -
        .       Parent=Smp_146600.1
SM_V9_2 Liftoff exon    30303049        30303067        .       -
        .       Parent=Smp_146600.1
SM_V9_2 Liftoff exon    30303646        30303911        .       -
        .       Parent=Smp_146600.1
SM_V9_2 Liftoff exon    30306280        30306483        .       -
        .       Parent=Smp_146600.1
SM_V9_2 Liftoff CDS     30300109        30300233        .       -
        2       Parent=Smp_146600.1
SM_V9_2 Liftoff CDS     30302242        30302473        .       -
        0       Parent=Smp_146600.1
SM_V9_2 Liftoff CDS     30303049        30303067        .       -
        1       Parent=Smp_146600.1
SM_V9_2 Liftoff CDS     30303646        30303911        .       -
        0       Parent=Smp_146600.1
SM_V9_2 Liftoff CDS     30306280        30306330        .       -
        0       Parent=Smp_146600.1
SM_V9_2 Liftoff mRNA    30299546        30306483        .       -
        .
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ID=Smp_146600.2;Parent=Smp_146600;geneID=Smp_146600;product=Rho-
related GTP-binding protein
RhoC;polypeptide_domain=InterPro:IPR001806,IPR003578,IPR005225,IPR02
7417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0005622,GO:00072
64
SM_V9_2 Liftoff exon    30299546        30300233        .       -
        .       Parent=Smp_146600.2
SM_V9_2 Liftoff exon    30302242        30302432        .       -
        .       Parent=Smp_146600.2
SM_V9_2 Liftoff exon    30303646        30303911        .       -
        .       Parent=Smp_146600.2
SM_V9_2 Liftoff exon    30306280        30306483        .       -
        .       Parent=Smp_146600.2
SM_V9_2 Liftoff CDS     30300109        30300233        .       -
        2       Parent=Smp_146600.2
SM_V9_2 Liftoff CDS     30302242        30302432        .       -
        1       Parent=Smp_146600.2
SM_V9_2 Liftoff CDS     30303646        30303911        .       -
        0       Parent=Smp_146600.2
SM_V9_2 Liftoff CDS     30306280        30306330        .       -
        0       Parent=Smp_146600.2
SM_V9_2 Liftoff gene    30321157        30388557        .       +
        .
ID=Smp_045360;geneID=Smp_045360;previous_systematic_id=Smp_146590
SM_V9_2 Liftoff mRNA    30321157        30388557        .       +
        .
ID=Smp_045360.1;Parent=Smp_045360;geneID=Smp_045360;product=Calsynte
nin-2;polypeptide_domain=InterPro:IPR013320,IPR015919;Ontology_term=
GO:0005509,GO:0016020
SM_V9_2 Liftoff exon    30321157        30321271        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30321303        30321449        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30321487        30321670        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30355198        30355412        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30360285        30360440        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30368527        30368751        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30370046        30370360        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30372872        30373199        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30374684        30374849        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30376471        30376655        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30379547        30379899        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30381799        30382187        .       +
        .       Parent=Smp_045360.1
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SM_V9_2 Liftoff exon    30382840        30383052        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30384929        30385156        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff exon    30386559        30388557        .       +
        .       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30321241        30321271        .       +
        0       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30321303        30321449        .       +
        2       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30321487        30321670        .       +
        2       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30355198        30355412        .       +
        1       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30360285        30360440        .       +
        2       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30368527        30368751        .       +
        2       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30370046        30370360        .       +
        2       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30372872        30373199        .       +
        2       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30374684        30374849        .       +
        1       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30376471        30376655        .       +
        0       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30379547        30379899        .       +
        1       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30381799        30382187        .       +
        2       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30382840        30383052        .       +
        0       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30384929        30385156        .       +
        0       Parent=Smp_045360.1
SM_V9_2 Liftoff CDS     30386559        30386933        .       +
        0       Parent=Smp_045360.1
SM_V9_2 iris    gene    30444098        30499356        .       -
        .
ID=Smp_146580;geneID=Smp_146580;gene_name=Smp_146580;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    30444098        30499356        .       -
        .
ID=Smp_146580.1;Parent=Smp_146580;geneID=Smp_146580;gene_name=Smp_14
6580;owner=irisadmin@local.host;orig_id=Smp_146580.1;date_last_modif
ied=2022-08-17;Name=Smp_146580.1;product=Hypothetical
protein;date_creation=2022-08-17
SM_V9_2 iris    exon    30444098        30448284        .       -
        .       Parent=Smp_146580.1;Name=2c409045-7785-4de8-a9ec-
fc1216e5e459
SM_V9_2 iris    exon    30464722        30467521        .       -
        .       Parent=Smp_146580.1;Name=f459cc13-794d-4424-82be-
bf6ceae76ecb
SM_V9_2 iris    exon    30497985        30499356        .       -
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Parent=Smp_146580.1;Name=52845b20-9cc6-4e00-871d-2989d23bfd7b
SM_V9_2 iris    CDS     30446597        30448284        .       -
        2       Parent=Smp_146580.1
SM_V9_2 iris    CDS     30464722        30467521        .       -
        0       Parent=Smp_146580.1
SM_V9_2 iris    CDS     30497985        30499046        .       -
        0       Parent=Smp_146580.1
SM_V9_2 iris    gene    30596746        30604621        .       +
        .
ID=Smp_212990;geneID=Smp_212990;gene_name=Smp_212990;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    30596746        30604621        .       +
        .
ID=Smp_212990.1;Parent=Smp_212990;geneID=Smp_212990;gene_name=Smp_21
2990;owner=irisadmin@local.host;orig_id=Smp_212990.1;date_last_modif
ied=2022-07-18;Name=Smp_212990.1;product=snRNA-activating protein
complex subunit 1;date_creation=2022-07-10
SM_V9_2 iris    exon    30596746        30596882        .       +
        .       Parent=Smp_212990.1;Name=a6d83f26-4c9f-4a34-925a-
f43a2c7c7486
SM_V9_2 iris    exon    30596920        30597144        .       +
        .
Parent=Smp_212990.1;Name=2043d095-3d63-4d6c-9ba5-6b255b20f7af
SM_V9_2 iris    exon    30597181        30597246        .       +
        .       Parent=Smp_212990.1;Name=e6e4e918-1d07-4223-
bcdd-0b086a094a25
SM_V9_2 iris    exon    30600854        30601369        .       +
        .       Parent=Smp_212990.1;Name=731fdb03-441f-4cb6-
a915-4f5994b3b755
SM_V9_2 iris    exon    30603921        30604621        .       +
        .       Parent=Smp_212990.1;Name=075a3a03-6a0b-4a53-ba94-
d7c991f69e4d
SM_V9_2 iris    CDS     30596862        30596882        .       +
        0       Parent=Smp_212990.1
SM_V9_2 iris    CDS     30596920        30597144        .       +
        0       Parent=Smp_212990.1
SM_V9_2 iris    CDS     30597181        30597246        .       +
        0       Parent=Smp_212990.1
SM_V9_2 iris    CDS     30600854        30601369        .       +
        0       Parent=Smp_212990.1
SM_V9_2 iris    CDS     30603921        30604454        .       +
        0       Parent=Smp_212990.1
SM_V9_2 iris    gene    30606497        30630633        .       +
        .
ID=Smp_213000;geneID=Smp_213000;gene_name=Smp_213000;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    30606497        30630633        .       +
        .
ID=Smp_213000.1;Parent=Smp_213000;geneID=Smp_213000;gene_name=Smp_21
3000;owner=irisadmin@local.host;orig_id=Smp_213000.1;date_last_modif
ied=2022-07-10;Name=Smp_213000.1;product=Coiled-coil domain-
containing protein 77;date_creation=2022-07-10
SM_V9_2 iris    exon    30606497        30606748        .       +
        .       Parent=Smp_213000.1;Name=a8f7d128-0b57-4ed7-89d6-
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d5d0744e1c78
SM_V9_2 iris    exon    30608854        30609214        .       +
        .       Parent=Smp_213000.1;Name=e82a1432-bb96-41c6-
a52f-0e7aff69447c
SM_V9_2 iris    exon    30611162        30611522        .       +
        .       Parent=Smp_213000.1;Name=d77a6f95-8a2f-4723-af30-
d69650734018
SM_V9_2 iris    exon    30612772        30613039        .       +
        .
Parent=Smp_213000.1;Name=289679d9-3a73-4516-9200-33443ba96855
SM_V9_2 iris    exon    30623824        30623987        .       +
        .
Parent=Smp_213000.1;Name=02fa8f68-17bd-46f8-9fc0-778ef6bbc4eb
SM_V9_2 iris    exon    30626250        30626479        .       +
        .       Parent=Smp_213000.1;Name=26108207-77b3-405d-8b1f-
c8ad50e543a5
SM_V9_2 iris    exon    30627946        30628167        .       +
        .       Parent=Smp_213000.1;Name=8ce67982-ca82-4738-
a82f-5022976b9b80
SM_V9_2 iris    exon    30629887        30630633        .       +
        .       Parent=Smp_213000.1;Name=099554af-7154-4a85-
b910-99add1644230
SM_V9_2 iris    CDS     30606693        30606748        .       +
        0       Parent=Smp_213000.1
SM_V9_2 iris    CDS     30608854        30609214        .       +
        1       Parent=Smp_213000.1
SM_V9_2 iris    CDS     30611162        30611522        .       +
        0       Parent=Smp_213000.1
SM_V9_2 iris    CDS     30612772        30613039        .       +
        2       Parent=Smp_213000.1
SM_V9_2 iris    CDS     30623824        30623987        .       +
        1       Parent=Smp_213000.1
SM_V9_2 iris    CDS     30626250        30626479        .       +
        2       Parent=Smp_213000.1
SM_V9_2 iris    CDS     30627946        30628167        .       +
        0       Parent=Smp_213000.1
SM_V9_2 iris    CDS     30629887        30630075        .       +
        0       Parent=Smp_213000.1
SM_V9_2 Liftoff gene    30641769        30661050        .       -
        .       ID=Smp_045300;geneID=Smp_045300
SM_V9_2 Liftoff mRNA    30641769        30661050        .       -
        .
ID=Smp_045300.1;Parent=Smp_045300;geneID=Smp_045300;product=PDZ and
LIM domain protein 2;polypeptide_domain=InterPro:IPR001478
Pfam:PF00595;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    30641769        30642129        .       -
        .       Parent=Smp_045300.1
SM_V9_2 Liftoff exon    30647449        30647597        .       -
        .       Parent=Smp_045300.1
SM_V9_2 Liftoff exon    30660498        30661050        .       -
        .       Parent=Smp_045300.1
SM_V9_2 Liftoff CDS     30642051        30642129        .       -
        1       Parent=Smp_045300.1
SM_V9_2 Liftoff CDS     30647449        30647597        .       -
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        0       Parent=Smp_045300.1
SM_V9_2 Liftoff CDS     30660498        30660863        .       -
        0       Parent=Smp_045300.1
SM_V9_2 Liftoff gene    30666804        30677080        .       -
        .       ID=Smp_328350;geneID=Smp_328350
SM_V9_2 Liftoff mRNA    30666804        30677080        .       -
        .
ID=Smp_328350.1;Parent=Smp_328350;geneID=Smp_328350;product=D-
tyrosyl-tRNA(Tyr)
deacylase;polypeptide_domain=InterPro:IPR003732,IPR023509
Pfam:PF02580;Ontology_term=GO:0002161,GO:0005737,GO:0051499
SM_V9_2 Liftoff exon    30666804        30667272        .       -
        .       Parent=Smp_328350.1
SM_V9_2 Liftoff exon    30670152        30670284        .       -
        .       Parent=Smp_328350.1
SM_V9_2 Liftoff exon    30673844        30673949        .       -
        .       Parent=Smp_328350.1
SM_V9_2 Liftoff exon    30675243        30675333        .       -
        .       Parent=Smp_328350.1
SM_V9_2 Liftoff exon    30676781        30677080        .       -
        .       Parent=Smp_328350.1
SM_V9_2 Liftoff CDS     30667133        30667272        .       -
        2       Parent=Smp_328350.1
SM_V9_2 Liftoff CDS     30670152        30670284        .       -
        0       Parent=Smp_328350.1
SM_V9_2 Liftoff CDS     30673844        30673949        .       -
        1       Parent=Smp_328350.1
SM_V9_2 Liftoff CDS     30675243        30675333        .       -
        2       Parent=Smp_328350.1
SM_V9_2 Liftoff CDS     30676781        30676823        .       -
        0       Parent=Smp_328350.1
SM_V9_2 iris    gene    30680497        30704740        .       -
        .
ID=Smp_146570;geneID=Smp_146570;gene_name=Smp_146570;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    30680497        30704740        .       -
        .
ID=Smp_146570.1;Parent=Smp_146570;geneID=Smp_146570;gene_name=Smp_14
6570;owner=irisadmin@local.host;orig_id=Smp_146570.1;date_last_modif
ied=2022-08-17;Name=Smp_146570.1;product=Uncharacterized protein
C1orf112;date_creation=2022-08-17
SM_V9_2 iris    exon    30680497        30680863        .       -
        .       Parent=Smp_146570.1;Name=f7997fb3-3a36-4c3d-94a3-
c42b520733b1
SM_V9_2 iris    exon    30685644        30685733        .       -
        .       Parent=Smp_146570.1;Name=efa43bf7-c7c7-47c6-
aa44-7ed742342d79
SM_V9_2 iris    exon    30686603        30686731        .       -
        .       Parent=Smp_146570.1;Name=580573c2-
aeb9-4247-965d-4fedb386df35
SM_V9_2 iris    exon    30686874        30687146        .       -
        .       Parent=Smp_146570.1;Name=7e661d56-
e0ec-4fc8-8cd3-249d2335f976
SM_V9_2 iris    exon    30688670        30688915        .       -
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        .       Parent=Smp_146570.1;Name=39aadd26-897c-484a-875c-
e9bb2abeb05f
SM_V9_2 iris    exon    30690725        30690911        .       -
        .       Parent=Smp_146570.1;Name=ac3f471a-fbf0-43da-
a7b5-27484ebe48f6
SM_V9_2 iris    exon    30691356        30691438        .       -
        .       Parent=Smp_146570.1;Name=57321b09-
b937-491a-9eb3-0d9c8f6ab91b
SM_V9_2 iris    exon    30692359        30692465        .       -
        .       Parent=Smp_146570.1;Name=c7ad5118-c313-478e-91cb-
c837c4b6b4fb
SM_V9_2 iris    exon    30694527        30694619        .       -
        .       Parent=Smp_146570.1;Name=f58fde83-ef8d-4aa1-9a02-
db58793e8347
SM_V9_2 iris    exon    30695499        30695564        .       -
        .       Parent=Smp_146570.1;Name=54ffeb6d-da5a-415c-
b7e3-019a00078077
SM_V9_2 iris    exon    30698487        30698668        .       -
        .
Parent=Smp_146570.1;Name=26058092-26a2-4b3b-8c31-9e1fbee2087b
SM_V9_2 iris    exon    30701701        30701879        .       -
        .       Parent=Smp_146570.1;Name=b7323dbf-1e50-4da8-
baf4-696a70415a40
SM_V9_2 iris    exon    30703900        30704065        .       -
        .       Parent=Smp_146570.1;Name=cc449357-3462-444e-b141-
ed433b61c25e
SM_V9_2 iris    exon    30704095        30704179        .       -
        .       Parent=Smp_146570.1;Name=718e7339-
a389-4909-9ba4-261ce0b62f41
SM_V9_2 iris    exon    30704219        30704288        .       -
        .       Parent=Smp_146570.1;Name=dc40cc0f-5632-40de-
b05b-20b2150084fd
SM_V9_2 iris    exon    30704325        30704579        .       -
        .       Parent=Smp_146570.1;Name=a8e3252c-
de48-4442-9c7c-36f0e90d83ae
SM_V9_2 iris    exon    30704612        30704668        .       -
        .       Parent=Smp_146570.1;Name=68ba6a75-bdf1-4530-9deb-
dc8d835b33e5
SM_V9_2 iris    exon    30704701        30704740        .       -
        .
Parent=Smp_146570.1;Name=21212eb2-9f25-4fdf-8965-97e8b35748a9
SM_V9_2 iris    CDS     30680591        30680863        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30685644        30685733        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30686603        30686731        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30686874        30687146        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30688670        30688915        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30690725        30690911        .       -
        1       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30691356        30691438        .       -
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        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30692359        30692465        .       -
        2       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30694527        30694619        .       -
        2       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30695499        30695564        .       -
        2       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30698487        30698668        .       -
        1       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30701701        30701879        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30703900        30704065        .       -
        1       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30704095        30704179        .       -
        2       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30704219        30704288        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30704325        30704579        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30704612        30704668        .       -
        0       Parent=Smp_146570.1
SM_V9_2 iris    CDS     30704701        30704718        .       -
        0       Parent=Smp_146570.1
SM_V9_2 Liftoff gene    30711004        30731598        .       +
        .       ID=Smp_045260;geneID=Smp_045260
SM_V9_2 Liftoff mRNA    30711004        30731598        .       +
        .
ID=Smp_045260.1;Parent=Smp_045260;geneID=Smp_045260;product=5-
aminolevulinate synthase, nonspecific,
mitochondrial;polypeptide_domain=InterPro:IPR001917,IPR004839,IPR010
961,IPR015421,IPR015422,IPR015424
Pfam:PF00155;Ontology_term=GO:0003824,GO:0003870,GO:0008152,GO:00090
58,GO:0016740,GO:0030170,GO:0033014
SM_V9_2 Liftoff exon    30711004        30713231        .       +
        .       Parent=Smp_045260.1
SM_V9_2 Liftoff exon    30715377        30715523        .       +
        .       Parent=Smp_045260.1
SM_V9_2 Liftoff exon    30718186        30718555        .       +
        .       Parent=Smp_045260.1
SM_V9_2 Liftoff exon    30723040        30723404        .       +
        .       Parent=Smp_045260.1
SM_V9_2 Liftoff exon    30729416        30729585        .       +
        .       Parent=Smp_045260.1
SM_V9_2 Liftoff exon    30730129        30730392        .       +
        .       Parent=Smp_045260.1
SM_V9_2 Liftoff exon    30731200        30731598        .       +
        .       Parent=Smp_045260.1
SM_V9_2 Liftoff CDS     30713045        30713231        .       +
        0       Parent=Smp_045260.1
SM_V9_2 Liftoff CDS     30715377        30715523        .       +
        2       Parent=Smp_045260.1
SM_V9_2 Liftoff CDS     30718186        30718555        .       +
        2       Parent=Smp_045260.1
SM_V9_2 Liftoff CDS     30723040        30723404        .       +
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        1       Parent=Smp_045260.1
SM_V9_2 Liftoff CDS     30729416        30729585        .       +
        2       Parent=Smp_045260.1
SM_V9_2 Liftoff CDS     30730129        30730392        .       +
        0       Parent=Smp_045260.1
SM_V9_2 Liftoff CDS     30731200        30731445        .       +
        0       Parent=Smp_045260.1
SM_V9_2 Liftoff gene    30731602        30754510        .       -
        .       ID=Smp_045250;geneID=Smp_045250
SM_V9_2 Liftoff mRNA    30731602        30754510        .       -
        .
ID=Smp_045250.1;Parent=Smp_045250;geneID=Smp_045250;product=Cleavage
stimulation factor subunit
1;polypeptide_domain=InterPro:IPR001680,IPR011042,IPR013979,IPR01594
3,IPR017986,IPR019775,IPR020472,IPR032028
Pfam:PF00400,PF08662,PF16699;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    30731602        30731817        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30732160        30732240        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30733106        30733250        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30734785        30735020        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30736310        30736385        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30740519        30740647        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30746887        30747009        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30748053        30748093        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30750999        30751091        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30751976        30752056        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30754265        30754392        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff exon    30754425        30754510        .       -
        .       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30731705        30731817        .       -
        2       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30732160        30732240        .       -
        2       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30733106        30733250        .       -
        0       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30734785        30735020        .       -
        2       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30736310        30736385        .       -
        0       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30740519        30740647        .       -
        0       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30746887        30747009        .       -
        0       Parent=Smp_045250.1
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SM_V9_2 Liftoff CDS     30748053        30748093        .       -
        2       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30750999        30751091        .       -
        2       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30751976        30752056        .       -
        2       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30754265        30754392        .       -
        1       Parent=Smp_045250.1
SM_V9_2 Liftoff CDS     30754425        30754468        .       -
        0       Parent=Smp_045250.1
SM_V9_2 Liftoff gene    30755484        30771539        .       +
        .       ID=Smp_045230;geneID=Smp_045230
SM_V9_2 Liftoff mRNA    30755484        30771539        .       +
        .
ID=Smp_045230.1;Parent=Smp_045230;geneID=Smp_045230;product=Dynein
heavy chain 17, axonemal
SM_V9_2 Liftoff exon    30755484        30759449        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30759481        30759669        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30759702        30759826        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30759868        30760104        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30760140        30760249        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30760304        30760419        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30760466        30760559        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30761938        30762172        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30763895        30764165        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30767885        30767971        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30768799        30768987        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff exon    30770858        30771539        .       +
        .       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30759420        30759449        .       +
        0       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30759481        30759669        .       +
        0       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30759702        30759826        .       +
        0       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30759868        30760104        .       +
        1       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30760140        30760249        .       +
        1       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30760304        30760419        .       +
        2       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30760466        30760559        .       +
        0       Parent=Smp_045230.1
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SM_V9_2 Liftoff CDS     30761938        30762172        .       +
        2       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30763895        30764165        .       +
        1       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30767885        30767971        .       +
        0       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30768799        30768987        .       +
        0       Parent=Smp_045230.1
SM_V9_2 Liftoff CDS     30770858        30771292        .       +
        0       Parent=Smp_045230.1
SM_V9_2 Liftoff gene    30781104        30785832        .       +
        .       ID=Smp_045220;geneID=Smp_045220
SM_V9_2 Liftoff mRNA    30781104        30785832        .       +
        .
ID=Smp_045220.1;Parent=Smp_045220;geneID=Smp_045220;product=Myosin
essential light chain, striated adductor
muscle;polypeptide_domain=InterPro:IPR002048,IPR011992;Ontology_term
=GO:0005509
SM_V9_2 Liftoff exon    30781104        30781250        .       +
        .       Parent=Smp_045220.1
SM_V9_2 Liftoff exon    30781352        30781379        .       +
        .       Parent=Smp_045220.1
SM_V9_2 Liftoff exon    30781632        30781778        .       +
        .       Parent=Smp_045220.1
SM_V9_2 Liftoff exon    30784010        30784177        .       +
        .       Parent=Smp_045220.1
SM_V9_2 Liftoff exon    30784231        30784317        .       +
        .       Parent=Smp_045220.1
SM_V9_2 Liftoff exon    30785196        30785832        .       +
        .       Parent=Smp_045220.1
SM_V9_2 Liftoff CDS     30781248        30781250        .       +
        0       Parent=Smp_045220.1
SM_V9_2 Liftoff CDS     30781352        30781379        .       +
        0       Parent=Smp_045220.1
SM_V9_2 Liftoff CDS     30781632        30781778        .       +
        2       Parent=Smp_045220.1
SM_V9_2 Liftoff CDS     30784010        30784177        .       +
        2       Parent=Smp_045220.1
SM_V9_2 Liftoff CDS     30784231        30784317        .       +
        2       Parent=Smp_045220.1
SM_V9_2 Liftoff CDS     30785196        30785233        .       +
        2       Parent=Smp_045220.1
SM_V9_2 iris    gene    30824729        30837192        .       +
        .
ID=Smp_136620;geneID=Smp_136620;gene_name=Smp_136620;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    30824729        30837192        .       +
        .
ID=Smp_136620.1;Parent=Smp_136620;geneID=Smp_136620;gene_name=Smp_13
6620;owner=irisadmin@local.host;orig_id=Smp_136620.1;date_last_modif
ied=2022-07-10;Name=Smp_136620.1;product=npp-36.1;date_creation=2022
-07-10
SM_V9_2 iris    exon    30824729        30824822        .       +
        .       Parent=Smp_136620.1;Name=9402bb2f-ec70-405d-8758-
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b97bc9a34f2f
SM_V9_2 iris    exon    30833977        30834091        .       +
        .       Parent=Smp_136620.1;Name=51195fab-3352-4ceb-
b9eb-63174738747a
SM_V9_2 iris    exon    30837023        30837192        .       +
        .
Parent=Smp_136620.1;Name=c18b40a1-086f-42ec-8a31-3d3f0f2fe970
SM_V9_2 iris    CDS     30824804        30824822        .       +
        0       Parent=Smp_136620.1
SM_V9_2 iris    CDS     30833977        30834091        .       +
        2       Parent=Smp_136620.1
SM_V9_2 iris    CDS     30837023        30837119        .       +
        1       Parent=Smp_136620.1
SM_V9_2 Liftoff gene    30851814        30876695        .       +
        .
ID=Smp_333900;geneID=Smp_333900;previous_systematic_id=Smp_136630,Sm
p_174430,Smp_199490
SM_V9_2 Liftoff mRNA    30851814        30876695        .       +
        .
ID=Smp_333900.1;Parent=Smp_333900;geneID=Smp_333900;product=Vang-
like protein 2;polypeptide_domain=InterPro:IPR009539
Pfam:PF06638;Ontology_term=GO:0007275,GO:0016021
SM_V9_2 Liftoff exon    30851814        30854711        .       +
        .       Parent=Smp_333900.1
SM_V9_2 Liftoff exon    30872628        30873192        .       +
        .       Parent=Smp_333900.1
SM_V9_2 Liftoff exon    30875837        30876695        .       +
        .       Parent=Smp_333900.1
SM_V9_2 Liftoff CDS     30853596        30854711        .       +
        0       Parent=Smp_333900.1
SM_V9_2 Liftoff CDS     30872628        30873192        .       +
        0       Parent=Smp_333900.1
SM_V9_2 Liftoff CDS     30875837        30876513        .       +
        2       Parent=Smp_333900.1
SM_V9_2 Liftoff gene    30893504        30902172        .       +
        .       ID=Smp_174420;geneID=Smp_174420
SM_V9_2 Liftoff mRNA    30893504        30902172        .       +
        .
ID=Smp_174420.1;Parent=Smp_174420;geneID=Smp_174420;product=F-box/
LRR-repeat protein
12;polypeptide_domain=InterPro:IPR001810,IPR032675
Pfam:PF12937;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    30893504        30893567        .       +
        .       Parent=Smp_174420.1
SM_V9_2 Liftoff exon    30899122        30899220        .       +
        .       Parent=Smp_174420.1
SM_V9_2 Liftoff exon    30899250        30899398        .       +
        .       Parent=Smp_174420.1
SM_V9_2 Liftoff exon    30899436        30899610        .       +
        .       Parent=Smp_174420.1
SM_V9_2 Liftoff exon    30901439        30902172        .       +
        .       Parent=Smp_174420.1
SM_V9_2 Liftoff CDS     30893557        30893567        .       +
        0       Parent=Smp_174420.1
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SM_V9_2 Liftoff CDS     30899122        30899220        .       +
        1       Parent=Smp_174420.1
SM_V9_2 Liftoff CDS     30899250        30899398        .       +
        1       Parent=Smp_174420.1
SM_V9_2 Liftoff CDS     30899436        30899610        .       +
        2       Parent=Smp_174420.1
SM_V9_2 Liftoff CDS     30901439        30902099        .       +
        1       Parent=Smp_174420.1
SM_V9_2 iris    gene    30904682        30916076        .       -
        .
ID=Smp_174410;geneID=Smp_174410;gene_name=Smp_174410;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_2 iris    mRNA    30904682        30916076        .       -
        .
ID=Smp_174410.1;Parent=Smp_174410;geneID=Smp_174410;gene_name=Smp_17
4410;owner=irisadmin@local.host;orig_id=Smp_174410.1;date_last_modif
ied=2022-08-15;Name=Smp_174410.1;product=Transmembrane protein 104
homolog;date_creation=2022-08-15
SM_V9_2 iris    exon    30904682        30906153        .       -
        .       Parent=Smp_174410.1;Name=a4feeb68-1671-4b40-947a-
c5ab251649e2
SM_V9_2 iris    exon    30914048        30914141        .       -
        .
Parent=Smp_174410.1;Name=d96f75c3-922f-4688-9873-4e5df9bec660
SM_V9_2 iris    exon    30915220        30915350        .       -
        .       Parent=Smp_174410.1;Name=e48b7be5-1e9b-4683-a76b-
d3d6de823432
SM_V9_2 iris    exon    30915387        30915439        .       -
        .       Parent=Smp_174410.1;Name=852e7d76-997d-4b55-8678-
f3047be54902
SM_V9_2 iris    exon    30915479        30915530        .       -
        .       Parent=Smp_174410.1;Name=37d9bc46-
f845-4cbb-9a5f-0caa4a15ceee
SM_V9_2 iris    exon    30915574        30915646        .       -
        .       Parent=Smp_174410.1;Name=ebd79823-e96c-4c36-8b3b-
bc042758b13a
SM_V9_2 iris    exon    30915675        30915796        .       -
        .       Parent=Smp_174410.1;Name=e3876d2c-ca91-4d41-
a432-758dffbc9cf2
SM_V9_2 iris    exon    30915829        30915898        .       -
        .       Parent=Smp_174410.1;Name=a1419ad5-577b-49d4-85e5-
db7ca49b6b28
SM_V9_2 iris    exon    30915941        30916076        .       -
        .       Parent=Smp_174410.1;Name=821cad01-2a20-49a7-a859-
fd924bd889e2
SM_V9_2 iris    CDS     30904993        30906153        .       -
        0       Parent=Smp_174410.1
SM_V9_2 iris    CDS     30914048        30914141        .       -
        1       Parent=Smp_174410.1
SM_V9_2 iris    CDS     30915220        30915350        .       -
        0       Parent=Smp_174410.1
SM_V9_2 iris    CDS     30915387        30915439        .       -
        2       Parent=Smp_174410.1
SM_V9_2 iris    CDS     30915479        30915530        .       -
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        0       Parent=Smp_174410.1
SM_V9_2 iris    CDS     30915574        30915646        .       -
        1       Parent=Smp_174410.1
SM_V9_2 iris    CDS     30915675        30915796        .       -
        0       Parent=Smp_174410.1
SM_V9_2 iris    CDS     30915829        30915873        .       -
        0       Parent=Smp_174410.1
SM_V9_2 iris    gene    30985544        31043418        .       +
        .
ID=Smp_337240;geneID=Smp_337240;gene_name=Smp_337240;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    30985544        31043418        .       +
        .
ID=Smp_337240.1;Parent=Smp_337240;geneID=Smp_337240;gene_name=Smp_33
7240;owner=irisadmin@local.host;orig_id=Smp_337240.1;date_last_modif
ied=2022-07-10;Name=Smp_337240.1;product=Hypothetical
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    30985544        30986261        .       +
        .       Parent=Smp_337240.1;Name=dc711b77-42b5-4427-ad85-
e9dc0c8f6d76
SM_V9_2 iris    exon    31039368        31043418        .       +
        .       Parent=Smp_337240.1;Name=343acecf-5ca9-4fc6-
a787-065598845e23
SM_V9_2 iris    CDS     30985843        30986261        .       +
        0       Parent=Smp_337240.1
SM_V9_2 iris    CDS     31039368        31041888        .       +
        1       Parent=Smp_337240.1
SM_V9_2 iris    gene    31091963        31096303        .       -
        .
ID=Smp_113620;geneID=Smp_113620;gene_name=Smp_113620;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_2 iris    mRNA    31091963        31096303        .       -
        .
ID=Smp_113620.1;Parent=Smp_113620;geneID=Smp_113620;gene_name=Smp_11
3620;owner=irisadmin@local.host;orig_id=Smp_113620.1;date_last_modif
ied=2022-08-15;Name=Smp_113620.1;product=Serine/arginine-rich
splicing factor 2;date_creation=2022-08-15
SM_V9_2 iris    exon    31091963        31092189        .       -
        .       Parent=Smp_113620.1;Name=57a33e70-7fc5-4f90-
a89a-717457c3dc41
SM_V9_2 iris    exon    31095898        31096078        .       -
        .
Parent=Smp_113620.1;Name=65eaf40d-3b91-4d0f-86de-728715cfc972
SM_V9_2 iris    exon    31096144        31096303        .       -
        .       Parent=Smp_113620.1;Name=dac3a0eb-
ed4f-42f5-9d59-8b56117c7845
SM_V9_2 iris    CDS     31092039        31092189        .       -
        1       Parent=Smp_113620.1
SM_V9_2 iris    CDS     31095898        31096078        .       -
        2       Parent=Smp_113620.1
SM_V9_2 iris    CDS     31096144        31096267        .       -
        0       Parent=Smp_113620.1
SM_V9_2 Liftoff gene    31099827        31101253        .       -
        .       ID=Smp_113610;geneID=Smp_113610
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SM_V9_2 Liftoff mRNA    31099827        31101253        .       -
       .
ID=Smp_113610.1;Parent=Smp_113610;geneID=Smp_113610;product=Cyclic
dof factor 2
SM_V9_2 Liftoff exon    31099827        31100033        .       -
       .       Parent=Smp_113610.1
SM_V9_2 Liftoff exon    31101179        31101253        .       -
       .       Parent=Smp_113610.1
SM_V9_2 Liftoff CDS     31099827        31100033        .       -
       0       Parent=Smp_113610.1
SM_V9_2 Liftoff CDS     31101179        31101253        .       -
       0       Parent=Smp_113610.1
SM_V9_2 Liftoff gene    31116203        31143445        .       +
       .
ID=Smp_333910;geneID=Smp_333910;previous_systematic_id=Smp_100370,Sm
p_186650
SM_V9_2 Liftoff mRNA    31116203        31143445        .       +
       .
ID=Smp_333910.1;Parent=Smp_333910;geneID=Smp_333910;product=F-actin-
capping protein subunit
beta;polypeptide_domain=InterPro:IPR001698,IPR019771
Pfam:PF01115;Ontology_term=GO:0003779,GO:0005737,GO:0008290,GO:00300
36,GO:0051016
SM_V9_2 Liftoff exon    31116203        31116357        .       +
       .       Parent=Smp_333910.1
SM_V9_2 Liftoff exon    31119747        31120069        .       +
       .       Parent=Smp_333910.1
SM_V9_2 Liftoff exon    31124532        31124670        .       +
       .       Parent=Smp_333910.1
SM_V9_2 Liftoff exon    31126357        31126554        .       +
       .       Parent=Smp_333910.1
SM_V9_2 Liftoff exon    31142684        31143445        .       +
       .       Parent=Smp_333910.1
SM_V9_2 Liftoff CDS     31116250        31116357        .       +
       0       Parent=Smp_333910.1
SM_V9_2 Liftoff CDS     31119747        31120069        .       +
       0       Parent=Smp_333910.1
SM_V9_2 Liftoff CDS     31124532        31124670        .       +
       1       Parent=Smp_333910.1
SM_V9_2 Liftoff CDS     31126357        31126554        .       +
       0       Parent=Smp_333910.1
SM_V9_2 Liftoff CDS     31142684        31142848        .       +
       0       Parent=Smp_333910.1
SM_V9_2 iris    gene    31158421        31169355        .       +
       .
ID=Smp_154930;geneID=Smp_154930;gene_name=Smp_154930;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    31158421        31169355        .       +
       .
ID=Smp_154930.1;Parent=Smp_154930;geneID=Smp_154930;gene_name=Smp_15
4930;owner=irisadmin@local.host;orig_id=Smp_154930.1;date_last_modif
ied=2022-08-17;Name=Smp_154930.1;product=DNA polymerase delta
subunit 3;date_creation=2022-08-17
SM_V9_2 iris    exon    31158421        31158479        .       +
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        .       Parent=Smp_154930.1;Name=ce3ff501-5a9a-47f2-
b26c-35e60eb4495d
SM_V9_2 iris    exon    31160366        31160451        .       +
        .       Parent=Smp_154930.1;Name=db98d8d9-659b-414a-a2a9-
c99091e706c0
SM_V9_2 iris    exon    31160493        31160548        .       +
        .
Parent=Smp_154930.1;Name=85c11710-36cd-4ad4-9c4a-2429f8e7459c
SM_V9_2 iris    exon    31160600        31160783        .       +
        .       Parent=Smp_154930.1;Name=0dad288e-74e5-4e63-
a4a0-3f6511bed2de
SM_V9_2 iris    exon    31160823        31160884        .       +
        .       Parent=Smp_154930.1;Name=47370710-ae95-45dd-9051-
bebfc8a8da78
SM_V9_2 iris    exon    31160975        31161093        .       +
        .       Parent=Smp_154930.1;Name=4427c601-450e-4808-
a705-6a3d07c45c67
SM_V9_2 iris    exon    31161130        31161204        .       +
        .
Parent=Smp_154930.1;Name=b222cd75-91ca-4056-8589-95034c47af50
SM_V9_2 iris    exon    31161241        31161286        .       +
        .       Parent=Smp_154930.1;Name=8997a279-319b-4153-
ba11-3237210aa4de
SM_V9_2 iris    exon    31161331        31161404        .       +
        .       Parent=Smp_154930.1;Name=c7e36010-a3ca-413e-
a8a8-2ab5051180dd
SM_V9_2 iris    exon    31161446        31161610        .       +
        .       Parent=Smp_154930.1;Name=18b0ef9d-188e-425d-
bf59-69020cd0cdaf
SM_V9_2 iris    exon    31167188        31167415        .       +
        .       Parent=Smp_154930.1;Name=cecf458b-cdf9-467b-8945-
d49fb069b232
SM_V9_2 iris    exon    31167604        31167761        .       +
        .       Parent=Smp_154930.1;Name=c50fcc64-3ca4-4f56-a079-
edb3866621f2
SM_V9_2 iris    exon    31169155        31169355        .       +
        .
Parent=Smp_154930.1;Name=57e702b8-3293-452e-8ed8-7c44a701ad0c
SM_V9_2 iris    CDS     31160392        31160451        .       +
        0       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31160493        31160548        .       +
        0       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31160600        31160783        .       +
        1       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31160823        31160884        .       +
        0       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31160975        31161093        .       +
        1       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31161130        31161204        .       +
        2       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31161241        31161286        .       +
        2       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31161331        31161404        .       +
        1       Parent=Smp_154930.1
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SM_V9_2 iris    CDS     31161446        31161610        .       +
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SM_V9_2 iris    CDS     31167188        31167415        .       +
        2       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31167604        31167761        .       +
        2       Parent=Smp_154930.1
SM_V9_2 iris    CDS     31169155        31169259        .       +
        0       Parent=Smp_154930.1
SM_V9_2 Liftoff gene    31171541        31219879        .       -
        .
ID=Smp_344690;geneID=Smp_344690;previous_systematic_id=Smp_154920
SM_V9_2 Liftoff mRNA    31171541        31219879        .       -
        .
ID=Smp_344690.1;Parent=Smp_344690;geneID=Smp_344690;product=Ral
guanine nucleotide dissociation stimulator-like
3;polypeptide_domain=InterPro:IPR001895,IPR023578
Pfam:PF00617;Ontology_term=GO:0005085,GO:0007264
SM_V9_2 Liftoff exon    31171541        31172573        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31173888        31174005        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31177251        31177490        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31180258        31180651        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31183703        31183771        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31184602        31184807        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31192040        31192555        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31193396        31193479        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31208024        31208077        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31211659        31211752        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31213085        31213188        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31214945        31215283        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31215775        31215929        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31216697        31217088        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31218390        31218449        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31218491        31218684        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff exon    31218722        31219879        .       -
        .       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31172245        31172573        .       -
        2       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31173888        31174005        .       -
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        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31177251        31177490        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31180258        31180651        .       -
        1       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31183703        31183771        .       -
        1       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31184602        31184807        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31192040        31192555        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31193396        31193479        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31208024        31208077        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31211659        31211752        .       -
        1       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31213085        31213188        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31214945        31215283        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31215775        31215929        .       -
        2       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31216697        31217088        .       -
        1       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31218390        31218449        .       -
        1       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31218491        31218684        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff CDS     31218722        31218739        .       -
        0       Parent=Smp_344690.1
SM_V9_2 Liftoff mRNA    31171541        31219879        .       -
        .
ID=Smp_344690.2;Parent=Smp_344690;geneID=Smp_344690;product=Ral
guanine nucleotide dissociation stimulator-like
3;polypeptide_domain=InterPro:IPR001895,IPR023578
Pfam:PF00617;Ontology_term=GO:0005085,GO:0007264
SM_V9_2 Liftoff exon    31171541        31172573        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31173888        31174005        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31177251        31177490        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31180258        31180651        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31183703        31183771        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31184602        31184807        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31192040        31192555        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31193396        31193479        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31208024        31208077        .       -
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        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31211659        31211752        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31213085        31213188        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31214945        31215283        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31215775        31215929        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff exon    31216697        31219879        .       -
        .       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31172245        31172573        .       -
        2       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31173888        31174005        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31177251        31177490        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31180258        31180651        .       -
        1       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31183703        31183771        .       -
        1       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31184602        31184807        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31192040        31192555        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31193396        31193479        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31208024        31208077        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31211659        31211752        .       -
        1       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31213085        31213188        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31214945        31215283        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31215775        31215929        .       -
        2       Parent=Smp_344690.2
SM_V9_2 Liftoff CDS     31216697        31216916        .       -
        0       Parent=Smp_344690.2
SM_V9_2 Liftoff mRNA    31171541        31219879        .       -
        .
ID=Smp_344690.3;Parent=Smp_344690;geneID=Smp_344690;product=Ral
guanine nucleotide dissociation stimulator-like
3;polypeptide_domain=InterPro:IPR001895,IPR023578
Pfam:PF00617;Ontology_term=GO:0005085,GO:0007264
SM_V9_2 Liftoff exon    31171541        31172573        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31173888        31174005        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31177251        31177490        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31180258        31180651        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31180937        31180969        .       -
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SM_V9_2 Liftoff exon    31184602        31184807        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31192040        31192555        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31193396        31193479        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31208024        31208077        .       -
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        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31213085        31213188        .       -
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SM_V9_2 Liftoff exon    31214945        31215283        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31215775        31215929        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31216697        31217088        .       -
        .       Parent=Smp_344690.3
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        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31218491        31218684        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff exon    31218722        31219879        .       -
        .       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31172245        31172573        .       -
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SM_V9_2 Liftoff CDS     31173888        31174005        .       -
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SM_V9_2 Liftoff CDS     31177251        31177490        .       -
        0       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31180258        31180651        .       -
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SM_V9_2 Liftoff CDS     31183703        31183771        .       -
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SM_V9_2 Liftoff CDS     31184602        31184807        .       -
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SM_V9_2 Liftoff CDS     31192040        31192555        .       -
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SM_V9_2 Liftoff CDS     31193396        31193479        .       -
        0       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31208024        31208077        .       -
        0       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31211659        31211752        .       -
        1       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31213085        31213188        .       -
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SM_V9_2 Liftoff CDS     31214945        31215283        .       -
        0       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31215775        31215929        .       -
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        2       Parent=Smp_344690.3
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        1       Parent=Smp_344690.3
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        1       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31218491        31218684        .       -
        0       Parent=Smp_344690.3
SM_V9_2 Liftoff CDS     31218722        31218739        .       -
        0       Parent=Smp_344690.3
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Pfam:PF00617;Ontology_term=GO:0005085,GO:0007264
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        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31177251        31177490        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31180258        31180651        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31183703        31183771        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31184602        31184807        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31192040        31192555        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31193396        31193479        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31208024        31208077        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31211659        31211752        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31213085        31213188        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31214945        31215283        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31215775        31215929        .       -
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SM_V9_2 Liftoff exon    31216697        31217088        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31218390        31218449        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31218491        31218684        .       -
        .       Parent=Smp_344690.4
SM_V9_2 Liftoff exon    31218722        31219879        .       -
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SM_V9_2 Liftoff CDS     31177190        31177198        .       -
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SM_V9_2 Liftoff CDS     31177251        31177490        .       -
        0       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31180258        31180651        .       -
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SM_V9_2 Liftoff CDS     31183703        31183771        .       -
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        0       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31193396        31193479        .       -
        0       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31208024        31208077        .       -
        0       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31211659        31211752        .       -
        1       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31213085        31213188        .       -
        0       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31214945        31215283        .       -
        0       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31215775        31215929        .       -
        2       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31216697        31217088        .       -
        1       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31218390        31218449        .       -
        1       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31218491        31218684        .       -
        0       Parent=Smp_344690.4
SM_V9_2 Liftoff CDS     31218722        31218739        .       -
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        .
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@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    31220043        31240676        .       +
        .
ID=Smp_154910.1;Parent=Smp_154910;geneID=Smp_154910;gene_name=Smp_15
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ied=2022-07-10;Name=Smp_154910.1;product=Zinc finger protein
142;date_creation=2022-07-10
SM_V9_2 iris    exon    31220043        31220149        .       +
        .       Parent=Smp_154910.1;Name=41a87cfa-c45a-42f8-
b2a9-036077d6f506
SM_V9_2 iris    exon    31223448        31224136        .       +
        .       Parent=Smp_154910.1;Name=23d949d9-70bb-4701-
b3a6-92c39939a996
SM_V9_2 iris    exon    31227937        31228308        .       +
        .       Parent=Smp_154910.1;Name=2b18c424-d607-4b8a-bbc2-
e5dd5024169e
SM_V9_2 iris    exon    31230623        31233277        .       +
        .       Parent=Smp_154910.1;Name=537ada17-
ee1e-44d8-9ffe-7236cfa9db16
SM_V9_2 iris    exon    31233739        31234200        .       +
        .       Parent=Smp_154910.1;Name=926602b9-6b27-44d0-bf97-
a764b793a21c
SM_V9_2 iris    exon    31238036        31240676        .       +
        .       Parent=Smp_154910.1;Name=c94970a9-f52b-43d9-a74f-
af7944dc351e
SM_V9_2 iris    CDS     31223471        31224136        .       +
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SM_V9_2 iris    CDS     31230623        31233277        .       +
        0       Parent=Smp_154910.1
SM_V9_2 iris    CDS     31233739        31234200        .       +
        0       Parent=Smp_154910.1
SM_V9_2 iris    CDS     31238036        31238740        .       +
        0       Parent=Smp_154910.1
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SM_V9_2 iris    mRNA    31300893        31307314        .       +
        .
ID=Smp_154900.1;Parent=Smp_154900;geneID=Smp_154900;gene_name=Smp_15
4900;owner=irisadmin@local.host;orig_id=Smp_154900.1;date_last_modif
ied=2022-07-10;Name=Smp_154900.1;product=Hypothetical
protein;date_creation=2022-07-10
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cd1d-4bc8-9ae0-5d59f7365633
SM_V9_2 iris    exon    31301093        31301182        .       +
        .       Parent=Smp_154900.1;Name=e68b0819-5558-4822-9f8f-
aeb22efc7844
SM_V9_2 iris    exon    31301233        31301442        .       +
        .       Parent=Smp_154900.1;Name=67e8f1df-56cf-4d7c-beb0-
f5605973026a
SM_V9_2 iris    exon    31303486        31303518        .       +
        .
Parent=Smp_154900.1;Name=3a31fe8f-83a6-493b-84bf-909367a31b61
SM_V9_2 iris    exon    31303627        31303683        .       +
        .       Parent=Smp_154900.1;Name=145dd6b3-5d9c-4359-9ea5-
d2fa9a3dd435
SM_V9_2 iris    exon    31305276        31305317        .       +
        .
Parent=Smp_154900.1;Name=b35b6543-9138-4988-9a59-0701085165db
SM_V9_2 iris    exon    31305974        31306097        .       +
        .       Parent=Smp_154900.1;Name=b9b75d76-a224-4689-a762-
e23fae37805b
SM_V9_2 iris    exon    31306991        31307314        .       +
        .
Parent=Smp_154900.1;Name=e5d72f04-6f5e-4e0f-864f-12f7e8f3194b
SM_V9_2 iris    CDS     31300985        31301059        .       +
        0       Parent=Smp_154900.1
SM_V9_2 iris    CDS     31301093        31301182        .       +
        0       Parent=Smp_154900.1
SM_V9_2 iris    CDS     31301233        31301442        .       +
        0       Parent=Smp_154900.1
SM_V9_2 iris    CDS     31303486        31303518        .       +
        0       Parent=Smp_154900.1
SM_V9_2 iris    CDS     31303627        31303683        .       +
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SM_V9_2 iris    CDS     31305276        31305317        .       +
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SM_V9_2 iris    CDS     31306991        31307085        .       +
        2       Parent=Smp_154900.1
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        .
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SM_V9_2 iris    mRNA    31314104        31324359        .       -
        .
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1440;owner=irisadmin@local.host;orig_id=Smp_311440.2;date_last_modif
ied=2022-08-15;Name=Smp_311440.1;product=NAD(P)H-quinone
oxidoreductase subunit 5, chloroplastic;date_creation=2022-08-15
SM_V9_2 iris    exon    31314104        31314567        .       -
        .
Parent=Smp_311440.1;Name=95b3fbdc-76b7-4acd-9e17-2bbbb8e0d97d
SM_V9_2 iris    exon    31316948        31317213        .       -
        .       Parent=Smp_311440.1;Name=385d1d66-c8b1-4153-bfc6-
e54c73df380d
SM_V9_2 iris    exon    31318138        31318172        .       -
        .
Parent=Smp_311440.1;Name=39790b5c-506e-4563-946f-3fab90991ff3
SM_V9_2 iris    exon    31324318        31324359        .       -
        .
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SM_V9_2 iris    CDS     31316951        31317213        .       -
        2       Parent=Smp_311440.1
SM_V9_2 iris    CDS     31318138        31318156        .       -
        0       Parent=Smp_311440.1
SM_V9_2 Liftoff gene    31332134        31332454        .       -
        .       ID=Smp_201450;geneID=Smp_201450
SM_V9_2 Liftoff mRNA    31332134        31332454        .       -
        .
ID=Smp_201450.1;Parent=Smp_201450;geneID=Smp_201450;product=Nuclear
protein localization protein 4
SM_V9_2 Liftoff exon    31332134        31332454        .       -
        .       Parent=Smp_201450.1
SM_V9_2 Liftoff CDS     31332134        31332454        .       -
        0       Parent=Smp_201450.1
SM_V9_2 Liftoff gene    31337106        31351819        .       -
        .       ID=Smp_060950;geneID=Smp_060950
SM_V9_2 Liftoff mRNA    31337106        31351819        .       -
        .
ID=Smp_060950.1;Parent=Smp_060950;geneID=Smp_060950;product=Alpha-
soluble NSF attachment
protein;polypeptide_domain=InterPro:IPR000744,IPR011990
Pfam:PF14938;Ontology_term=GO:0005515,GO:0006886
SM_V9_2 Liftoff exon    31337106        31338023        .       -
        .       Parent=Smp_060950.1
SM_V9_2 Liftoff exon    31338836        31338993        .       -
        .       Parent=Smp_060950.1
SM_V9_2 Liftoff exon    31346942        31347165        .       -
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        .       Parent=Smp_060950.1
SM_V9_2 Liftoff exon    31349715        31349791        .       -
        .       Parent=Smp_060950.1
SM_V9_2 Liftoff exon    31351576        31351819        .       -
        .       Parent=Smp_060950.1
SM_V9_2 Liftoff CDS     31337846        31338023        .       -
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SM_V9_2 Liftoff CDS     31338836        31338993        .       -
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SM_V9_2 Liftoff CDS     31346942        31347165        .       -
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SM_V9_2 Liftoff CDS     31349517        31349675        .       -
        2       Parent=Smp_060950.1
SM_V9_2 Liftoff CDS     31349715        31349791        .       -
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SM_V9_2 Liftoff CDS     31351576        31351661        .       -
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SM_V9_2 Liftoff gene    31361683        31386287        .       +
        .       ID=Smp_060940;geneID=Smp_060940
SM_V9_2 Liftoff mRNA    31361683        31386287        .       +
        .
ID=Smp_060940.1;Parent=Smp_060940;geneID=Smp_060940;product=eIF-2-
alpha kinase
GCN2;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01
1047,IPR017441,IPR018391
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_2 Liftoff exon    31361683        31361828        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31361870        31361987        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31362032        31362262        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31367255        31367521        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31368650        31368857        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31371133        31371341        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31372006        31372544        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31375049        31375404        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31377565        31377835        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31381069        31381714        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31383094        31383258        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff exon    31386003        31386287        .       +
        .       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31361731        31361828        .       +
        0       Parent=Smp_060940.1
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SM_V9_2 Liftoff CDS     31361870        31361987        .       +
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SM_V9_2 Liftoff CDS     31362032        31362262        .       +
        0       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31367255        31367521        .       +
        0       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31368650        31368857        .       +
        0       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31371133        31371341        .       +
        2       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31372006        31372544        .       +
        0       Parent=Smp_060940.1
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        1       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31377565        31377835        .       +
        2       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31381069        31381714        .       +
        1       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31383094        31383258        .       +
        0       Parent=Smp_060940.1
SM_V9_2 Liftoff CDS     31386003        31386101        .       +
        0       Parent=Smp_060940.1
SM_V9_2 iris    gene    31399244        31412459        .       -
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SM_V9_2 iris    mRNA    31399244        31412459        .       -
        .
ID=Smp_154880.1;Parent=Smp_154880;geneID=Smp_154880;gene_name=Smp_15
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chain;date_creation=2022-07-22
SM_V9_2 iris    exon    31399244        31400042        .       -
        .       Parent=Smp_154880.1;Name=455e7d4a-f04b-4569-a453-
fa39ed978911
SM_V9_2 iris    exon    31402237        31402453        .       -
        .       Parent=Smp_154880.1;Name=5229bd16-6c89-42f1-
a743-888232812529
SM_V9_2 iris    exon    31404132        31404411        .       -
        .
Parent=Smp_154880.1;Name=63bb3160-8994-4442-9edc-2949caa9765e
SM_V9_2 iris    exon    31406526        31406691        .       -
        .       Parent=Smp_154880.1;Name=fd5b02fc-4709-4211-b116-
dac71125bb71
SM_V9_2 iris    exon    31408293        31408424        .       -
        .       Parent=Smp_154880.1;Name=2381d4f8-
eb47-4e38-8d0a-032c53141469
SM_V9_2 iris    exon    31408460        31408630        .       -
        .       Parent=Smp_154880.1;Name=46d009ee-6884-455a-ab33-
d1060922c199
SM_V9_2 iris    exon    31411965        31412459        .       -
        .       Parent=Smp_154880.1;Name=ae4a2b78-97c1-4e29-a58b-
bb7ccbed79c0
SM_V9_2 iris    CDS     31399519        31400042        .       -
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        2       Parent=Smp_154880.1
SM_V9_2 iris    CDS     31402237        31402453        .       -
        0       Parent=Smp_154880.1
SM_V9_2 iris    CDS     31404132        31404411        .       -
        1       Parent=Smp_154880.1
SM_V9_2 iris    CDS     31406526        31406691        .       -
        2       Parent=Smp_154880.1
SM_V9_2 iris    CDS     31408293        31408424        .       -
        2       Parent=Smp_154880.1
SM_V9_2 iris    CDS     31408460        31408625        .       -
        0       Parent=Smp_154880.1
SM_V9_2 iris    gene    31431793        31453011        .       +
        .
ID=Smp_154870;geneID=Smp_154870;gene_name=Smp_154870;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-10
SM_V9_2 iris    mRNA    31431793        31453011        .       +
        .
ID=Smp_154870.1;Parent=Smp_154870;geneID=Smp_154870;gene_name=Smp_15
4870;owner=irisadmin@local.host;orig_id=Smp_154870.1;date_last_modif
ied=2022-07-18;Name=Smp_154870.1;product=SH2B adapter protein
1;date_creation=2022-07-10
SM_V9_2 iris    exon    31431793        31432134        .       +
        .       Parent=Smp_154870.1;Name=d420e26d-6e55-42f3-95f6-
b996e036086c
SM_V9_2 iris    exon    31434498        31434993        .       +
        .
Parent=Smp_154870.1;Name=f90a46c8-457a-4425-97b8-1a1aa526c009
SM_V9_2 iris    exon    31436173        31436410        .       +
        .
Parent=Smp_154870.1;Name=554005d2-2652-4d1a-9186-9e12aa582271
SM_V9_2 iris    exon    31441168        31441272        .       +
        .       Parent=Smp_154870.1;Name=d3bcbda5-
f0bc-4823-860f-4b9e7f3d6c80
SM_V9_2 iris    exon    31445521        31445981        .       +
        .       Parent=Smp_154870.1;Name=0ac68ad2-6d45-4a9b-9df2-
c00d828aa487
SM_V9_2 iris    exon    31447857        31447939        .       +
        .       Parent=Smp_154870.1;Name=7c26e0e2-
c34d-4d69-9eca-5eee560415d0
SM_V9_2 iris    exon    31449118        31449674        .       +
        .       Parent=Smp_154870.1;Name=c088cf0c-e06d-4211-
b893-33071c14ed43
SM_V9_2 iris    exon    31451942        31453011        .       +
        .       Parent=Smp_154870.1;Name=5cc5b64d-2bd7-45b3-
bd08-1dce9590d8f0
SM_V9_2 iris    CDS     31431894        31432134        .       +
        0       Parent=Smp_154870.1
SM_V9_2 iris    CDS     31434498        31434993        .       +
        2       Parent=Smp_154870.1
SM_V9_2 iris    CDS     31436173        31436410        .       +
        1       Parent=Smp_154870.1
SM_V9_2 iris    CDS     31441168        31441272        .       +
        0       Parent=Smp_154870.1
SM_V9_2 iris    CDS     31445521        31445981        .       +
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        0       Parent=Smp_154870.1
SM_V9_2 iris    CDS     31447857        31447939        .       +
        1       Parent=Smp_154870.1
SM_V9_2 iris    CDS     31449118        31449674        .       +
        2       Parent=Smp_154870.1
SM_V9_2 iris    CDS     31451942        31452304        .       +
        0       Parent=Smp_154870.1
SM_V9_2 Liftoff gene    31459721        31460091        .       -
        .       ID=Smp_060910;geneID=Smp_060910
SM_V9_2 Liftoff mRNA    31459721        31460091        .       -
        .
ID=Smp_060910.1;Parent=Smp_060910;geneID=Smp_060910;product=Small
nuclear ribonucleoprotein
F;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR016487,IPR03410
0
Pfam:PF01423;Ontology_term=GO:0000387,GO:0000398,GO:0005681,GO:00057
32
SM_V9_2 Liftoff exon    31459721        31460091        .       -
        .       Parent=Smp_060910.1
SM_V9_2 Liftoff CDS     31459804        31460058        .       -
        0       Parent=Smp_060910.1
SM_V9_2 iris    gene    31470269        31476810        .       +
        .
ID=Smp_060900;geneID=Smp_060900;gene_name=Smp_060900;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    31470269        31476810        .       +
        .
ID=Smp_060900.1;Parent=Smp_060900;geneID=Smp_060900;gene_name=Smp_06
0900;owner=irisadmin@local.host;orig_id=Smp_060900.1;date_last_modif
ied=2022-11-13;Name=Smp_060900.1;product=U4/U6 small nuclear
ribonucleoprotein Prp3;date_creation=2022-08-17
SM_V9_2 iris    exon    31470269        31470392        .       +
        .       Parent=Smp_060900.1;Name=b6fd5e2b-8085-4c10-a5ad-
f3662a602ff0
SM_V9_2 iris    exon    31470426        31470510        .       +
        .
Parent=Smp_060900.1;Name=d6624ddc-1779-4fb3-8c13-0c97ca37226e
SM_V9_2 iris    exon    31470551        31470711        .       +
        .       Parent=Smp_060900.1;Name=4902e26a-fce6-4867-
b3cd-533a85feaafa
SM_V9_2 iris    exon    31470748        31470768        .       +
        .       Parent=Smp_060900.1;Name=25d808a2-e78d-4b99-
b7c4-287af3d79fd7
SM_V9_2 iris    exon    31470804        31470888        .       +
        .       Parent=Smp_060900.1;Name=1c61d8d1-00ae-4aaa-8df8-
d2ebaa0d5cca
SM_V9_2 iris    exon    31470921        31471033        .       +
        .       Parent=Smp_060900.1;Name=0a9a04fa-9621-4874-
af99-65bc0c48d48d
SM_V9_2 iris    exon    31471065        31471319        .       +
        .       Parent=Smp_060900.1;Name=553cdd62-3b4c-4de4-
adff-3694fb6a49be
SM_V9_2 iris    exon    31471354        31471606        .       +
        .       Parent=Smp_060900.1;Name=13e87924-
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faa5-4cdf-9b92-3c0b25beaaf8
SM_V9_2 iris    exon    31474110        31474324        .       +
        .       Parent=Smp_060900.1;Name=b71862c8-8693-4d03-9ff1-
c22ce927589e
SM_V9_2 iris    exon    31474909        31475191        .       +
        .       Parent=Smp_060900.1;Name=97f49a3b-
c772-4930-8f0b-0ad2b671873e
SM_V9_2 iris    exon    31476033        31476810        .       +
        .       Parent=Smp_060900.1;Name=3c5beb28-
fa41-4f1b-8b06-7601f0ae16b1
SM_V9_2 iris    CDS     31470349        31470392        .       +
        0       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31470426        31470510        .       +
        1       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31470551        31470711        .       +
        0       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31470748        31470768        .       +
        1       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31470804        31470888        .       +
        1       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31470921        31471033        .       +
        0       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31471065        31471319        .       +
        1       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31471354        31471606        .       +
        1       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31474110        31474324        .       +
        0       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31474909        31475191        .       +
        1       Parent=Smp_060900.1
SM_V9_2 iris    CDS     31476033        31476182        .       +
        0       Parent=Smp_060900.1
SM_V9_2 Liftoff gene    31482764        31497465        .       +
        .
ID=Smp_344680;geneID=Smp_344680;previous_systematic_id=Smp_154860
SM_V9_2 Liftoff mRNA    31482764        31497465        .       +
        .
ID=Smp_344680.1;Parent=Smp_344680;geneID=Smp_344680;product=Zinc
finger CW-type PWWP domain protein
1;polypeptide_domain=InterPro:IPR000313,IPR011124
Pfam:PF00855,PF07496;Ontology_term=GO:0008270
SM_V9_2 Liftoff exon    31482764        31483431        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31484033        31484195        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31484238        31484366        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31486429        31486683        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31488156        31488346        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31489449        31489520        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31491172        31491225        .       +
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        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31495736        31495942        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff exon    31496707        31497465        .       +
        .       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31483405        31483431        .       +
        0       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31484033        31484195        .       +
        0       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31484238        31484366        .       +
        2       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31486429        31486683        .       +
        2       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31488156        31488346        .       +
        2       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31489449        31489520        .       +
        0       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31491172        31491225        .       +
        0       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31495736        31495942        .       +
        0       Parent=Smp_344680.1
SM_V9_2 Liftoff CDS     31496707        31497411        .       +
        0       Parent=Smp_344680.1
SM_V9_2 Liftoff mRNA    31482764        31497465        .       +
        .
ID=Smp_344680.2;Parent=Smp_344680;geneID=Smp_344680;product=Zinc
finger CW-type PWWP domain protein
1;polypeptide_domain=InterPro:IPR000313,IPR011124
Pfam:PF00855,PF07496;Ontology_term=GO:0008270
SM_V9_2 Liftoff exon    31482764        31483431        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff exon    31484033        31484195        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff exon    31484238        31484366        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff exon    31486429        31486683        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff exon    31488156        31488346        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff exon    31489449        31489520        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff exon    31495736        31495942        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff exon    31496707        31497465        .       +
        .       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31483405        31483431        .       +
        0       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31484033        31484195        .       +
        0       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31484238        31484366        .       +
        2       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31486429        31486683        .       +
        2       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31488156        31488346        .       +
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        2       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31489449        31489520        .       +
        0       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31495736        31495942        .       +
        0       Parent=Smp_344680.2
SM_V9_2 Liftoff CDS     31496707        31497411        .       +
        0       Parent=Smp_344680.2
SM_V9_2 Liftoff gene    31499808        31619090        .       -
        .
ID=Smp_154850;geneID=Smp_154850;previous_systematic_id=Smp_193300
SM_V9_2 Liftoff mRNA    31499808        31619090        .       -
        .
ID=Smp_154850.1;Parent=Smp_154850;geneID=Smp_154850;product=GTPase-
activating Rap/Ran-GAP domain-like protein
3;polypeptide_domain=InterPro:IPR000331,IPR001180
Pfam:PF00780,PF02145;Ontology_term=GO:0005096,GO:0051056
SM_V9_2 Liftoff exon    31499808        31500931        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31503786        31503963        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31505630        31505748        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31507024        31507356        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31508490        31508706        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31509372        31509541        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31510766        31510867        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31514714        31514809        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31516183        31516230        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31517456        31517519        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31525232        31525306        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31526719        31526829        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31527814        31527926        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31533900        31534006        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31534079        31534124        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31536312        31536426        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31537469        31537572        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31538989        31539087        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31543121        31543196        .       -
        .       Parent=Smp_154850.1
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SM_V9_2 Liftoff exon    31545714        31545804        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31548778        31548842        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31549582        31549700        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31563456        31564134        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31567965        31568034        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff exon    31618212        31619090        .       -
        .       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31500630        31500931        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31503786        31503963        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31505630        31505748        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31507024        31507356        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31508490        31508706        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31509372        31509541        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31510766        31510867        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31514714        31514809        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31516183        31516230        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31517456        31517519        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31525232        31525306        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31526719        31526829        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31527814        31527926        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31533900        31534006        .       -
        1       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31534079        31534124        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31536312        31536426        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31537469        31537572        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31538989        31539087        .       -
        2       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31543121        31543196        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31545714        31545804        .       -
        1       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31548778        31548842        .       -
        0       Parent=Smp_154850.1
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SM_V9_2 Liftoff CDS     31549582        31549700        .       -
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SM_V9_2 Liftoff CDS     31563456        31564134        .       -
        0       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31567965        31568034        .       -
        1       Parent=Smp_154850.1
SM_V9_2 Liftoff CDS     31618212        31618930        .       -
        0       Parent=Smp_154850.1
SM_V9_2 iris    gene    31636535        31637059        .       +
        .
ID=Smp_349910;geneID=Smp_349910;gene_name=Smp_349910;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    31636535        31637059        .       +
        .
ID=Smp_349910.1;Parent=Smp_349910;geneID=Smp_349910;gene_name=Smp_34
9910;owner=irisadmin@local.host;date_last_modified=2022-08-17;Name=S
mp_349910.1;date_creation=2022-08-17
SM_V9_2 iris    exon    31636535        31636680        .       +
        .       Parent=Smp_349910.1;Name=Smp_349910.1-CDS
SM_V9_2 iris    exon    31636711        31637059        .       +
        .       Parent=Smp_349910.1;Name=ed3c5db8-e580-4762-9811-
e5a50efe81bd
SM_V9_2 iris    CDS     31636572        31636680        .       +
        0       Parent=Smp_349910.1
SM_V9_2 iris    CDS     31636711        31636859        .       +
        2       Parent=Smp_349910.1
SM_V9_2 iris    gene    31662931        31669178        .       -
        .
ID=Smp_060860;geneID=Smp_060860;gene_name=Smp_060860;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_2 iris    mRNA    31662931        31669178        .       -
        .
ID=Smp_060860.1;Parent=Smp_060860;geneID=Smp_060860;gene_name=Smp_06
0860;owner=irisadmin@local.host;orig_id=Smp_060860.1;date_last_modif
ied=2022-08-15;Name=Smp_060860.1;product=CTTNBP2 N-terminal-like
protein;date_creation=2022-08-15
SM_V9_2 iris    exon    31662931        31664955        .       -
        .       Parent=Smp_060860.1;Name=62284d64-
bf04-4c34-8998-920bb1699a3d
SM_V9_2 iris    exon    31668018        31668388        .       -
        .       Parent=Smp_060860.1;Name=b0cfe0e9-32ef-4a99-
bc57-32d5b85dd930
SM_V9_2 iris    exon    31668418        31668525        .       -
        .       Parent=Smp_060860.1;Name=0a5a986b-d6f0-40ae-bf78-
b08e6c6ff7bb
SM_V9_2 iris    exon    31668562        31668711        .       -
        .       Parent=Smp_060860.1;Name=f8b6749d-
ec99-483d-8ef5-4eaa2df4b0a2
SM_V9_2 iris    exon    31668744        31668854        .       -
        .       Parent=Smp_060860.1;Name=1984d478-
a34a-43a5-8189-00fd605ae9db
SM_V9_2 iris    exon    31668885        31668983        .       -
        .
Parent=Smp_060860.1;Name=b80cfa38-822c-4570-9bab-5e8c999eb96c
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SM_V9_2 iris    exon    31669016        31669178        .       -
        .       Parent=Smp_060860.1;Name=7cff4fbf-094c-4067-b224-
f07e38f07819
SM_V9_2 iris    CDS     31663884        31664955        .       -
        1       Parent=Smp_060860.1
SM_V9_2 iris    CDS     31668018        31668388        .       -
        0       Parent=Smp_060860.1
SM_V9_2 iris    CDS     31668418        31668525        .       -
        0       Parent=Smp_060860.1
SM_V9_2 iris    CDS     31668562        31668711        .       -
        0       Parent=Smp_060860.1
SM_V9_2 iris    CDS     31668744        31668854        .       -
        0       Parent=Smp_060860.1
SM_V9_2 iris    CDS     31668885        31668983        .       -
        0       Parent=Smp_060860.1
SM_V9_2 iris    CDS     31669016        31669045        .       -
        0       Parent=Smp_060860.1
SM_V9_2 Liftoff gene    31711001        31728070        .       -
        .       ID=Smp_154840;geneID=Smp_154840
SM_V9_2 Liftoff mRNA    31711001        31728070        .       -
        .
ID=Smp_154840.1;Parent=Smp_154840;geneID=Smp_154840;product=Transmem
brane protein 56;polypeptide_domain=InterPro:IPR006634
Pfam:PF03798;Ontology_term=GO:0016021
SM_V9_2 Liftoff exon    31711001        31711920        .       -
        .       Parent=Smp_154840.1
SM_V9_2 Liftoff exon    31713527        31713600        .       -
        .       Parent=Smp_154840.1
SM_V9_2 Liftoff exon    31714372        31714466        .       -
        .       Parent=Smp_154840.1
SM_V9_2 Liftoff exon    31721326        31721384        .       -
        .       Parent=Smp_154840.1
SM_V9_2 Liftoff exon    31725582        31725671        .       -
        .       Parent=Smp_154840.1
SM_V9_2 Liftoff exon    31727665        31728070        .       -
        .       Parent=Smp_154840.1
SM_V9_2 Liftoff CDS     31711299        31711920        .       -
        1       Parent=Smp_154840.1
SM_V9_2 Liftoff CDS     31713527        31713600        .       -
        0       Parent=Smp_154840.1
SM_V9_2 Liftoff CDS     31714372        31714466        .       -
        2       Parent=Smp_154840.1
SM_V9_2 Liftoff CDS     31721326        31721384        .       -
        1       Parent=Smp_154840.1
SM_V9_2 Liftoff CDS     31725582        31725671        .       -
        1       Parent=Smp_154840.1
SM_V9_2 Liftoff CDS     31727665        31727873        .       -
        0       Parent=Smp_154840.1
SM_V9_2 iris    gene    31738479        31767766        .       -
        .
ID=Smp_154830;geneID=Smp_154830;gene_name=Smp_154830;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    31738479        31767766        .       -
        .
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ID=Smp_154830.1;Parent=Smp_154830;geneID=Smp_154830;gene_name=Smp_15
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ied=2022-07-10;Name=Smp_154830.1;product=Synaptonemal complex
protein 2;date_creation=2022-07-10
SM_V9_2 iris    exon    31738479        31738950        .       -
        .       Parent=Smp_154830.1;Name=1f03f6a0-96d3-4b85-
a6f1-9a9cac7fde45
SM_V9_2 iris    exon    31739956        31739975        .       -
        .       Parent=Smp_154830.1;Name=b9972c9f-c78c-4671-8ca2-
f831f52f1524
SM_V9_2 iris    exon    31740666        31740729        .       -
        .       Parent=Smp_154830.1;Name=ba28625b-
a9ba-4ec6-9f90-0ecdd211f493
SM_V9_2 iris    exon    31742745        31742782        .       -
        .       Parent=Smp_154830.1;Name=a56d3b65-bb7b-48cc-
a21c-11772275a1b4
SM_V9_2 iris    exon    31742911        31743072        .       -
        .       Parent=Smp_154830.1;Name=1e2752b8-f5db-436c-9822-
ce06d9f5d742
SM_V9_2 iris    exon    31745263        31745629        .       -
        .       Parent=Smp_154830.1;Name=c1612089-1eb9-4d76-b9d1-
d01d744feeb7
SM_V9_2 iris    exon    31747292        31747376        .       -
        .       Parent=Smp_154830.1;Name=7ca7f701-cf90-4629-
b790-8c7fad68d2de
SM_V9_2 iris    exon    31748972        31749505        .       -
        .       Parent=Smp_154830.1;Name=8fe199d7-dae8-4f48-
a84f-9f1896408759
SM_V9_2 iris    exon    31750569        31750658        .       -
        .       Parent=Smp_154830.1;Name=067675d1-7ad1-4217-
b170-58673731c3e7
SM_V9_2 iris    exon    31751545        31751863        .       -
        .       Parent=Smp_154830.1;Name=aab09031-17bf-4ea1-86bf-
c3906faebfef
SM_V9_2 iris    exon    31753305        31753525        .       -
        .       Parent=Smp_154830.1;Name=624132f9-1578-477b-9f88-
c017182170b0
SM_V9_2 iris    exon    31755426        31755541        .       -
        .       Parent=Smp_154830.1;Name=e761d0e6-7cfe-4e69-b878-
dd82e2144023
SM_V9_2 iris    exon    31755801        31756180        .       -
        .       Parent=Smp_154830.1;Name=83ca83b2-e5f4-4563-
a9d7-54e90e00a7c3
SM_V9_2 iris    exon    31756234        31756392        .       -
        .       Parent=Smp_154830.1;Name=c127301f-da33-4cc1-a814-
e90aaa60a93b
SM_V9_2 iris    exon    31759328        31759551        .       -
        .       Parent=Smp_154830.1;Name=ee450081-
f559-4e83-85cb-821ab2d7bdd3
SM_V9_2 iris    exon    31762134        31762212        .       -
        .       Parent=Smp_154830.1;Name=c3f869f4-a875-4797-85ff-
bafa8809b588
SM_V9_2 iris    exon    31762661        31762780        .       -
        .       Parent=Smp_154830.1;Name=677ceef3-d97b-425b-b690-
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f641d1771546
SM_V9_2 iris    exon    31763753        31763798        .       -
        .       Parent=Smp_154830.1;Name=ee472aa2-efb2-4232-
a784-2c24049e5689
SM_V9_2 iris    exon    31763842        31763894        .       -
        .       Parent=Smp_154830.1;Name=06b575e1-d6f9-4db2-
b6cf-60774c3d6c8d
SM_V9_2 iris    exon    31765591        31765774        .       -
        .       Parent=Smp_154830.1;Name=61c29f6a-2cb6-43de-
ac07-9091fd5b1038
SM_V9_2 iris    exon    31765840        31765928        .       -
        .       Parent=Smp_154830.1;Name=1d1dfb65-ed8b-443a-b062-
db070cea4e5b
SM_V9_2 iris    exon    31767235        31767320        .       -
        .       Parent=Smp_154830.1;Name=fe98f390-
fa8b-4140-9aa4-6fa90b0db562
SM_V9_2 iris    exon    31767353        31767377        .       -
        .       Parent=Smp_154830.1;Name=6ef64f00-
d5bd-4757-8f9c-36a8ae9e2cea
SM_V9_2 iris    exon    31767423        31767505        .       -
        .       Parent=Smp_154830.1;Name=86310808-9d7d-4cfa-8061-
a4b355d99213
SM_V9_2 iris    exon    31767538        31767766        .       -
        .       Parent=Smp_154830.1;Name=0aa89e62-bf6b-4667-9063-
eafbe06be911
SM_V9_2 iris    CDS     31738878        31738950        .       -
        1       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31739956        31739975        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31740666        31740729        .       -
        1       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31742745        31742782        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31742911        31743072        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31745263        31745629        .       -
        1       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31747292        31747376        .       -
        2       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31748972        31749505        .       -
        2       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31750569        31750658        .       -
        2       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31751545        31751863        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31753305        31753525        .       -
        2       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31755426        31755541        .       -
        1       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31755801        31756180        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31756234        31756392        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31759328        31759551        .       -
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        2       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31762134        31762212        .       -
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SM_V9_2 iris    CDS     31762661        31762780        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31763753        31763798        .       -
        1       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31763842        31763894        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31765591        31765774        .       -
        1       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31765840        31765928        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31767235        31767320        .       -
        2       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31767353        31767377        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31767423        31767505        .       -
        2       Parent=Smp_154830.1
SM_V9_2 iris    CDS     31767538        31767748        .       -
        0       Parent=Smp_154830.1
SM_V9_2 iris    gene    31772215        31780899        .       -
        .
ID=Smp_060820;geneID=Smp_060820;gene_name=Smp_060820;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    31772215        31780899        .       -
        .
ID=Smp_060820.1;Parent=Smp_060820;geneID=Smp_060820;gene_name=Smp_06
0820;owner=irisadmin@local.host;orig_id=Smp_060820.1;date_last_modif
ied=2022-07-10;Name=Smp_060820.1;product=Succinate--CoA ligase [GDP-
forming] subunit beta, mitochondrial
(Fragment);date_creation=2022-07-10
SM_V9_2 iris    exon    31772215        31773173        .       -
        .       Parent=Smp_060820.1;Name=590b7d2f-
d7eb-4846-9b96-8d4ebc21acae
SM_V9_2 iris    exon    31775643        31776012        .       -
        .       Parent=Smp_060820.1;Name=426cf6c9-3e6b-41b5-bc5b-
b9bee6841a92
SM_V9_2 iris    exon    31776975        31777096        .       -
        .       Parent=Smp_060820.1;Name=a018ee3f-871c-4c2b-
b030-042a5386b0d6
SM_V9_2 iris    exon    31777648        31777831        .       -
        .       Parent=Smp_060820.1;Name=5ec54141-88c2-4391-b815-
c9621837c173
SM_V9_2 iris    exon    31780419        31780607        .       -
        .       Parent=Smp_060820.1;Name=6add81fe-3b4f-4fa9-a82d-
e01e74691d82
SM_V9_2 iris    exon    31780644        31780899        .       -
        .       Parent=Smp_060820.1;Name=8a23598b-54fa-4ff8-
b22e-2a805140da86
SM_V9_2 iris    CDS     31772893        31773173        .       -
        2       Parent=Smp_060820.1
SM_V9_2 iris    CDS     31775643        31776012        .       -
        0       Parent=Smp_060820.1
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SM_V9_2 iris    CDS     31776975        31777096        .       -
        2       Parent=Smp_060820.1
SM_V9_2 iris    CDS     31777648        31777831        .       -
        0       Parent=Smp_060820.1
SM_V9_2 iris    CDS     31780419        31780607        .       -
        0       Parent=Smp_060820.1
SM_V9_2 iris    CDS     31780644        31780823        .       -
        0       Parent=Smp_060820.1
SM_V9_2 iris    gene    31788279        31821005        .       -
        .
ID=Smp_179940;geneID=Smp_179940;gene_name=Smp_179940;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    31788279        31821005        .       -
        .
ID=Smp_179940.1;Parent=Smp_179940;geneID=Smp_179940;gene_name=Smp_17
9940;owner=irisadmin@local.host;orig_id=Smp_179940.3;date_last_modif
ied=2022-07-10;Name=Smp_179940.1;product=Spindle-defective protein
5;date_creation=2022-07-10
SM_V9_2 iris    exon    31788279        31788609        .       -
        .       Parent=Smp_179940.1;Name=33c5ffc3-c204-4176-8f93-
e43f16e4c432
SM_V9_2 iris    exon    31793037        31793562        .       -
        .       Parent=Smp_179940.1;Name=ef03f206-ec1d-4ff8-
b918-7a5f8a31e405
SM_V9_2 iris    exon    31794968        31795165        .       -
        .       Parent=Smp_179940.1;Name=86815d7d-7323-47cf-872d-
ae7d9680ed8d
SM_V9_2 iris    exon    31796267        31796452        .       -
        .       Parent=Smp_179940.1;Name=63c15758-512e-4604-a011-
cf982268ec41
SM_V9_2 iris    exon    31803064        31803402        .       -
        .       Parent=Smp_179940.1;Name=6cc2cb53-d88d-46fa-
a5d6-80b1021fbad9
SM_V9_2 iris    exon    31806534        31806728        .       -
        .       Parent=Smp_179940.1;Name=e879c295-
a58d-48f2-9356-7e8255cb5ce2
SM_V9_2 iris    exon    31808876        31809187        .       -
        .       Parent=Smp_179940.1;Name=a792ff67-3f9d-4638-967a-
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SM_V9_2 iris    exon    31811577        31811845        .       -
        .       Parent=Smp_179940.1;Name=4607190c-6a0b-46b0-90df-
fba6c4332cc7
SM_V9_2 iris    exon    31814249        31814441        .       -
        .       Parent=Smp_179940.1;Name=2d111b04-e114-4686-8a9d-
f8b363f3a38b
SM_V9_2 iris    exon    31815927        31816049        .       -
        .       Parent=Smp_179940.1;Name=a8b04624-d82c-4135-8425-
d2e50641f6e2
SM_V9_2 iris    exon    31817149        31817386        .       -
        .       Parent=Smp_179940.1;Name=9c3f3e86-8d94-4b73-a2d4-
bdeef6342c64
SM_V9_2 iris    exon    31820763        31821005        .       -
        .       Parent=Smp_179940.1;Name=50eb7eea-c48a-4b52-
b4b1-8f671039a94c
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SM_V9_2 iris    CDS     31788545        31788609        .       -
        2       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31793037        31793562        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31794968        31795165        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31796267        31796452        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31803064        31803402        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31806534        31806728        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31808876        31809187        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31811577        31811845        .       -
        2       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31814249        31814441        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31815927        31816049        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31817149        31817386        .       -
        1       Parent=Smp_179940.1
SM_V9_2 iris    CDS     31820763        31820911        .       -
        0       Parent=Smp_179940.1
SM_V9_2 iris    gene    31826644        31895310        .       +
        .
ID=Smp_103570;geneID=Smp_103570;gene_name=Smp_103570;owner=irisadmin
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SM_V9_2 iris    mRNA    31826644        31895310        .       +
        .
ID=Smp_103570.1;Parent=Smp_103570;geneID=Smp_103570;gene_name=Smp_10
3570;owner=irisadmin@local.host;orig_id=Smp_103570.1;date_last_modif
ied=2022-07-10;Name=Smp_103570.1;product=Serine/threonine-protein
kinase 38-like;date_creation=2022-07-10
SM_V9_2 iris    exon    31826644        31826708        .       +
        .       Parent=Smp_103570.1;Name=29ee1525-8eec-4eba-
bb86-50d460fe6ca1
SM_V9_2 iris    exon    31828525        31828887        .       +
        .       Parent=Smp_103570.1;Name=75fa6f00-7603-4dba-
bb38-8f0c3cdc52c1
SM_V9_2 iris    exon    31832439        31832490        .       +
        .       Parent=Smp_103570.1;Name=ec521de9-5dea-44af-
a844-49c1c00b0209
SM_V9_2 iris    exon    31837966        31838088        .       +
        .       Parent=Smp_103570.1;Name=782e904b-b9a6-43c8-a35e-
e4ce85d8f4c8
SM_V9_2 iris    exon    31848294        31848377        .       +
        .       Parent=Smp_103570.1;Name=4d52d1b3-639b-4b9c-
ba65-6518bf90b1cc
SM_V9_2 iris    exon    31851665        31851788        .       +
        .
Parent=Smp_103570.1;Name=d8ab237a-1774-498f-8628-043b42e51fad
SM_V9_2 iris    exon    31858969        31859123        .       +
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Parent=Smp_103570.1;Name=ae676bcf-7c81-4c16-8e79-3ae8a533cdf1
SM_V9_2 iris    exon    31862589        31862691        .       +
        .       Parent=Smp_103570.1;Name=580253cf-
eb0f-4fe4-9b81-10d898678feb
SM_V9_2 iris    exon    31870400        31870461        .       +
        .       Parent=Smp_103570.1;Name=53ccc0bd-2aa6-4e25-
b760-7f7406a69696
SM_V9_2 iris    exon    31884729        31884846        .       +
        .
Parent=Smp_103570.1;Name=58ad37b0-1e6d-40e4-975e-092ef6bd50ac
SM_V9_2 iris    exon    31888288        31888590        .       +
        .       Parent=Smp_103570.1;Name=ffd5ba1c-9740-4830-
a482-5a76afbb5ed3
SM_V9_2 iris    exon    31892787        31895310        .       +
        .       Parent=Smp_103570.1;Name=ae67dee4-7db1-4952-
bf1c-7c15c83d6838
SM_V9_2 iris    CDS     31828598        31828887        .       +
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SM_V9_2 iris    CDS     31832439        31832490        .       +
        1       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31837966        31838088        .       +
        0       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31848294        31848377        .       +
        0       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31851665        31851788        .       +
        0       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31858969        31859123        .       +
        2       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31862589        31862691        .       +
        0       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31870400        31870461        .       +
        2       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31884729        31884846        .       +
        0       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31888288        31888590        .       +
        2       Parent=Smp_103570.1
SM_V9_2 iris    CDS     31892787        31892998        .       +
        2       Parent=Smp_103570.1
SM_V9_2 Liftoff gene    32027944        32031829        .       -
        .       ID=Smp_176810;geneID=Smp_176810
SM_V9_2 Liftoff mRNA    32027944        32031829        .       -
        .
ID=Smp_176810.1;Parent=Smp_176810;geneID=Smp_176810;product=ELAV-
like protein 2;polypeptide_domain=InterPro:IPR000504,IPR002343
Pfam:PF00076;Ontology_term=GO:0003676,GO:0003723
SM_V9_2 Liftoff exon    32027944        32031829        .       -
        .       Parent=Smp_176810.1
SM_V9_2 Liftoff CDS     32028140        32029762        .       -
        0       Parent=Smp_176810.1
SM_V9_2 iris    gene    32042537        32050823        .       +
        .
ID=Smp_099630;geneID=Smp_099630;gene_name=Smp_099630;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    32042537        32050823        .       +
```

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        .
ID=Smp_099630.1;Parent=Smp_099630;geneID=Smp_099630;gene_name=Smp_09
9630;owner=irisadmin@local.host;orig_id=Smp_099630.1;date_last_modif
ied=2022-07-10;Name=Smp_099630.1;product=fragile X related 1,
frx1;date_creation=2022-07-10
SM_V9_2 iris    exon    32042537        32042652        .       +
        .       Parent=Smp_099630.1;Name=739323e1-b66e-467a-
aef3-2fb6eb64668b
SM_V9_2 iris    exon    32042687        32043192        .       +
        .       Parent=Smp_099630.1;Name=76323dbc-bf07-462c-bc7c-
ee1b5007e1fa
SM_V9_2 iris    exon    32043265        32043550        .       +
        .       Parent=Smp_099630.1;Name=1779035d-ca32-4b37-
bcf4-167c63c8aca1
SM_V9_2 iris    exon    32043584        32043739        .       +
        .
Parent=Smp_099630.1;Name=1b1e013d-4f0d-481d-88d2-98b40a8562d8
SM_V9_2 iris    exon    32046175        32046524        .       +
        .       Parent=Smp_099630.1;Name=0532da96-b15f-4ddd-
a82b-6fa7df30ae72
SM_V9_2 iris    exon    32048189        32048424        .       +
        .       Parent=Smp_099630.1;Name=81e9afb6-
b7b8-49b6-86d9-1dde6dd369d7
SM_V9_2 iris    exon    32050065        32050823        .       +
        .       Parent=Smp_099630.1;Name=e19cc03c-d380-4d72-
beee-38b99f4a623b
SM_V9_2 iris    CDS     32042590        32042652        .       +
        0       Parent=Smp_099630.1
SM_V9_2 iris    CDS     32042687        32043192        .       +
        0       Parent=Smp_099630.1
SM_V9_2 iris    CDS     32043265        32043550        .       +
        1       Parent=Smp_099630.1
SM_V9_2 iris    CDS     32043584        32043739        .       +
        0       Parent=Smp_099630.1
SM_V9_2 iris    CDS     32046175        32046524        .       +
        0       Parent=Smp_099630.1
SM_V9_2 iris    CDS     32048189        32048424        .       +
        1       Parent=Smp_099630.1
SM_V9_2 iris    CDS     32050065        32050264        .       +
        2       Parent=Smp_099630.1
SM_V9_2 iris    gene    32080013        32082098        .       +
        .
ID=Smp_311480;geneID=Smp_311480;gene_name=Smp_311480;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_2 iris    mRNA    32080013        32082098        .       +
        .
ID=Smp_311480.1;Parent=Smp_311480;geneID=Smp_311480;gene_name=Smp_31
1480;owner=irisadmin@local.host;orig_id=Smp_311480.2;date_last_modif
ied=2022-08-15;Name=Smp_311480.1;product=P2X purinoceptor
4;date_creation=2022-08-15
SM_V9_2 iris    exon    32080013        32082098        .       +
        .       Parent=Smp_311480.1;Name=Smp_311480.1-CDS
SM_V9_2 iris    CDS     32080080        32081792        .       +
        0       Parent=Smp_311480.1
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SM_V9_2 Liftoff gene    32091493        32093461        .       +
       .
ID=Smp_311490;geneID=Smp_311490;previous_systematic_id=Smp_099640
SM_V9_2 Liftoff mRNA    32091493        32093461        .       +
       .
ID=Smp_311490.1;Parent=Smp_311490;geneID=Smp_311490;product=P2X
purinoceptor 4;polypeptide_domain=InterPro:IPR001429,IPR027309
Pfam:PF00864;Ontology_term=GO:0001614,GO:0004931,GO:0005887,GO:00331
98,GO:0098655
SM_V9_2 Liftoff exon    32091493        32093461        .       +
       .       Parent=Smp_311490.1
SM_V9_2 Liftoff CDS     32091605        32093416        .       +
       0       Parent=Smp_311490.1
SM_V9_2 iris    gene    32104457        32143939        .       -
       .
ID=Smp_176850;geneID=Smp_176850;gene_name=Smp_176850;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    32104457        32143939        .       -
       .
ID=Smp_176850.1;Parent=Smp_176850;geneID=Smp_176850;gene_name=Smp_17
6850;owner=irisadmin@local.host;orig_id=Smp_176850.1;date_last_modif
ied=2022-07-10;Name=Smp_176850.1;product=Armadillo repeat-containing
protein 4;date_creation=2022-07-10
SM_V9_2 iris    exon    32104457        32105045        .       -
       .       Parent=Smp_176850.1;Name=8b8b3ff5-
eaf5-469e-8c2a-7407a7ac85e8
SM_V9_2 iris    exon    32106782        32107030        .       -
       .       Parent=Smp_176850.1;Name=cd24ee4c-ef47-407d-
a9e6-651406f57e78
SM_V9_2 iris    exon    32109886        32110074        .       -
       .       Parent=Smp_176850.1;Name=367e83d4-d559-41d8-b468-
ddca776f9650
SM_V9_2 iris    exon    32114757        32114871        .       -
       .       Parent=Smp_176850.1;Name=ee98c2b8-bc26-4775-83fa-
c6f94374fc97
SM_V9_2 iris    exon    32120448        32120629        .       -
       .       Parent=Smp_176850.1;Name=11d45b29-
fe63-4a02-9e9c-6f31a568f6c9
SM_V9_2 iris    exon    32127044        32127259        .       -
       .       Parent=Smp_176850.1;Name=9948102a-
fa5e-49f0-9f58-9f078c0f249e
SM_V9_2 iris    exon    32129615        32129725        .       -
       .       Parent=Smp_176850.1;Name=99867e3a-26da-4d62-
b357-4926fa25a8b6
SM_V9_2 iris    exon    32135892        32136128        .       -
       .
Parent=Smp_176850.1;Name=d1bac769-778d-47f2-9036-11ca75d478ef
SM_V9_2 iris    exon    32137490        32137699        .       -
       .       Parent=Smp_176850.1;Name=65b665a8-
bb38-4ce3-8ca2-986f65b4bb3a
SM_V9_2 iris    exon    32138469        32138615        .       -
       .       Parent=Smp_176850.1;Name=b880a6ac-3687-40e6-
b15e-34bcc815c845
SM_V9_2 iris    exon    32139474        32139627        .       -
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        .       Parent=Smp_176850.1;Name=98801b48-2072-4388-97f3-
bd452546785f
SM_V9_2 iris    exon    32141837        32141860        .       -
        .       Parent=Smp_176850.1;Name=de34bf57-7aec-4a1c-ad9d-
a0d426d019a5
SM_V9_2 iris    exon    32143831        32143939        .       -
        .       Parent=Smp_176850.1;Name=9b6261a0-60ef-41bd-8dad-
f8d265fd908c
SM_V9_2 iris    CDS     32104638        32105045        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32106782        32107030        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32109886        32110074        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32114757        32114871        .       -
        1       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32120448        32120629        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32127044        32127259        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32129615        32129725        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32135892        32136128        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32137490        32137699        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32138469        32138615        .       -
        0       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32139474        32139627        .       -
        1       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32141837        32141860        .       -
        1       Parent=Smp_176850.1
SM_V9_2 iris    CDS     32143831        32143832        .       -
        0       Parent=Smp_176850.1
SM_V9_2 Liftoff gene    32146813        32160686        .       +
        .       ID=Smp_176840;geneID=Smp_176840
SM_V9_2 Liftoff mRNA    32146813        32160686        .       +
        .
ID=Smp_176840.1;Parent=Smp_176840;geneID=Smp_176840;product=U4/U6.U5
tri-snRNP-associated protein 1;polypeptide_domain=InterPro:IPR005011
Pfam:PF03343;Ontology_term=GO:0000398
SM_V9_2 Liftoff exon    32146813        32147007        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32147047        32147092        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32147126        32147423        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32147467        32147641        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32149549        32149838        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32149987        32150260        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32151321        32151448        .       +
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        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32151783        32152188        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32154095        32154312        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32154461        32154751        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32157076        32157191        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff exon    32160480        32160686        .       +
        .       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32146878        32147007        .       +
        0       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32147047        32147092        .       +
        2       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32147126        32147423        .       +
        1       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32147467        32147641        .       +
        0       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32149549        32149838        .       +
        2       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32149987        32150260        .       +
        0       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32151321        32151448        .       +
        2       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32151783        32152188        .       +
        0       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32154095        32154312        .       +
        2       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32154461        32154751        .       +
        0       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32157076        32157191        .       +
        0       Parent=Smp_176840.1
SM_V9_2 Liftoff CDS     32160480        32160498        .       +
        1       Parent=Smp_176840.1
SM_V9_2 Liftoff gene    32167984        32172234        .       -
        .       ID=Smp_099690;geneID=Smp_099690
SM_V9_2 Liftoff mRNA    32167984        32172234        .       -
        .
ID=Smp_099690.1;Parent=Smp_099690;geneID=Smp_099690;product=Protein
RER1;polypeptide_domain=InterPro:IPR004932
Pfam:PF03248;Ontology_term=GO:0016021
SM_V9_2 Liftoff exon    32167984        32168500        .       -
        .       Parent=Smp_099690.1
SM_V9_2 Liftoff exon    32169679        32169814        .       -
        .       Parent=Smp_099690.1
SM_V9_2 Liftoff exon    32171638        32171716        .       -
        .       Parent=Smp_099690.1
SM_V9_2 Liftoff exon    32171755        32171854        .       -
        .       Parent=Smp_099690.1
SM_V9_2 Liftoff exon    32171891        32171995        .       -
        .       Parent=Smp_099690.1
SM_V9_2 Liftoff exon    32172040        32172234        .       -
        .       Parent=Smp_099690.1
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SM_V9_2 Liftoff CDS     32168402        32168500        .       -
        0       Parent=Smp_099690.1
SM_V9_2 Liftoff CDS     32169679        32169814        .       -
        1       Parent=Smp_099690.1
SM_V9_2 Liftoff CDS     32171638        32171716        .       -
        2       Parent=Smp_099690.1
SM_V9_2 Liftoff CDS     32171755        32171854        .       -
        0       Parent=Smp_099690.1
SM_V9_2 Liftoff CDS     32171891        32171995        .       -
        0       Parent=Smp_099690.1
SM_V9_2 Liftoff CDS     32172040        32172111        .       -
        0       Parent=Smp_099690.1
SM_V9_2 Liftoff gene    32194914        32198209        .       -
        .
ID=Smp_099670;geneID=Smp_099670;previous_systematic_id=Smp_099680
SM_V9_2 Liftoff mRNA    32194914        32198209        .       -
        .
ID=Smp_099670.1;Parent=Smp_099670;geneID=Smp_099670;product=Adhesion
G-protein coupled receptor G4;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000832,IPR017981
Pfam:PF00002;Ontology_term=GO:0004888,GO:0004930,GO:0007166,GO:00071
86,GO:0016021
SM_V9_2 Liftoff exon    32194914        32196016        .       -
        .       Parent=Smp_099670.1
SM_V9_2 Liftoff exon    32196708        32198209        .       -
        .       Parent=Smp_099670.1
SM_V9_2 Liftoff CDS     32195219        32196016        .       -
        0       Parent=Smp_099670.1
SM_V9_2 Liftoff CDS     32196708        32198045        .       -
        0       Parent=Smp_099670.1
SM_V9_2 iris    gene    32227857        32249537        .       -
        .
ID=Smp_176820;geneID=Smp_176820;gene_name=Smp_176820;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    32227857        32249537        .       -
        .
ID=Smp_176820.1;Parent=Smp_176820;geneID=Smp_176820;gene_name=Smp_17
6820;owner=irisadmin@local.host;orig_id=Smp_176820.1;date_last_modif
ied=2022-07-22;Name=Smp_176820.1;product=Adhesion G protein-coupled
receptor F5;date_creation=2022-07-22
SM_V9_2 iris    exon    32227857        32229296        .       -
        .       Parent=Smp_176820.1;Name=989ab8ab-353b-40bf-88ed-
f128652c6af5
SM_V9_2 iris    exon    32248065        32249537        .       -
        .
Parent=Smp_176820.1;Name=3fffb3b5-8696-4c0a-8d2b-6c5ed322cd30
SM_V9_2 iris    CDS     32228502        32229296        .       -
        0       Parent=Smp_176820.1
SM_V9_2 iris    CDS     32248065        32249399        .       -
        0       Parent=Smp_176820.1
SM_V9_2 Liftoff gene    32292677        32306179        .       -
        .       ID=Smp_175410;geneID=Smp_175410
SM_V9_2 Liftoff mRNA    32292677        32306179        .       -
        .
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ID=Smp_175410.1;Parent=Smp_175410;geneID=Smp_175410;product=Zinc
finger protein Gfi-1b;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    32292677        32294030        .       -
        .       Parent=Smp_175410.1
SM_V9_2 Liftoff exon    32295788        32296053        .       -
        .       Parent=Smp_175410.1
SM_V9_2 Liftoff exon    32297589        32298921        .       -
        .       Parent=Smp_175410.1
SM_V9_2 Liftoff exon    32300497        32306179        .       -
        .       Parent=Smp_175410.1
SM_V9_2 Liftoff CDS     32293438        32294030        .       -
        2       Parent=Smp_175410.1
SM_V9_2 Liftoff CDS     32295788        32296053        .       -
        1       Parent=Smp_175410.1
SM_V9_2 Liftoff CDS     32297589        32298921        .       -
        2       Parent=Smp_175410.1
SM_V9_2 Liftoff CDS     32300497        32300962        .       -
        0       Parent=Smp_175410.1
SM_V9_2 Liftoff gene    32325137        32326003        .       -
        .       ID=Smp_175400;geneID=Smp_175400
SM_V9_2 Liftoff mRNA    32325137        32326003        .       -
        .
ID=Smp_175400.1;Parent=Smp_175400;geneID=Smp_175400;product=UDP-N-
acetylmuramoylalanine--D-glutamate
ligase;polypeptide_domain=InterPro:IPR018289 Pfam:PF10551
SM_V9_2 Liftoff exon    32325137        32325623        .       -
        .       Parent=Smp_175400.1
SM_V9_2 Liftoff exon    32325660        32325751        .       -
        .       Parent=Smp_175400.1
SM_V9_2 Liftoff exon    32325785        32326003        .       -
        .       Parent=Smp_175400.1
SM_V9_2 Liftoff CDS     32325137        32325623        .       -
        1       Parent=Smp_175400.1
SM_V9_2 Liftoff CDS     32325660        32325751        .       -
        0       Parent=Smp_175400.1
SM_V9_2 Liftoff CDS     32325785        32326003        .       -
        0       Parent=Smp_175400.1
SM_V9_2 Liftoff gene    32331277        32351415        .       +
        .       ID=Smp_175390;geneID=Smp_175390
SM_V9_2 Liftoff mRNA    32331277        32351415        .       +
        .
ID=Smp_175390.1;Parent=Smp_175390;geneID=Smp_175390;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR029034
SM_V9_2 Liftoff exon    32331277        32331868        .       +
        .       Parent=Smp_175390.1
SM_V9_2 Liftoff exon    32335366        32335848        .       +
        .       Parent=Smp_175390.1
SM_V9_2 Liftoff exon    32340797        32341421        .       +
        .       Parent=Smp_175390.1
SM_V9_2 Liftoff exon    32344243        32344700        .       +
        .       Parent=Smp_175390.1
SM_V9_2 Liftoff exon    32345712        32345791        .       +
        .       Parent=Smp_175390.1
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SM_V9_2 Liftoff exon    32350035        32350169        .       +
        .       Parent=Smp_175390.1
SM_V9_2 Liftoff exon    32350832        32351415        .       +
        .       Parent=Smp_175390.1
SM_V9_2 Liftoff CDS     32331560        32331868        .       +
        0       Parent=Smp_175390.1
SM_V9_2 Liftoff CDS     32335366        32335848        .       +
        0       Parent=Smp_175390.1
SM_V9_2 Liftoff CDS     32340797        32341421        .       +
        0       Parent=Smp_175390.1
SM_V9_2 Liftoff CDS     32344243        32344700        .       +
        2       Parent=Smp_175390.1
SM_V9_2 Liftoff CDS     32345712        32345791        .       +
        0       Parent=Smp_175390.1
SM_V9_2 Liftoff CDS     32350035        32350169        .       +
        1       Parent=Smp_175390.1
SM_V9_2 Liftoff CDS     32350832        32350955        .       +
        1       Parent=Smp_175390.1
SM_V9_2 iris    gene    32364941        32403639        .       +
        .
ID=Smp_311520;geneID=Smp_311520;gene_name=Smp_311520;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_2 iris    mRNA    32364941        32403639        .       +
        .
ID=Smp_311520.1;Parent=Smp_311520;geneID=Smp_311520;gene_name=Smp_31
1520;owner=irisadmin@local.host;orig_id=Smp_311520.1;date_last_modif
ied=2022-08-14;Name=Smp_311520.1;product=Probable cation-
transporting ATPase 13A3;date_creation=2022-08-14
SM_V9_2 iris    exon    32364941        32365189        .       +
        .       Parent=Smp_311520.1;Name=766b11ae-7669-4389-
baae-59644f1a7514
SM_V9_2 iris    exon    32365226        32365393        .       +
        .
Parent=Smp_311520.1;Name=e00e6e7b-608d-42fc-81c7-0ddc299114d0
SM_V9_2 iris    exon    32365474        32365532        .       +
        .
Parent=Smp_311520.1;Name=57d2e9cc-627e-4db6-9e8a-53fc2408b8aa
SM_V9_2 iris    exon    32365570        32365639        .       +
        .       Parent=Smp_311520.1;Name=ed151ab1-4119-4f8a-
a412-82ebf1ed568b
SM_V9_2 iris    exon    32365676        32365758        .       +
        .       Parent=Smp_311520.1;Name=d4ac4a0c-b081-4d2b-
a351-310424895e40
SM_V9_2 iris    exon    32367354        32367495        .       +
        .       Parent=Smp_311520.1;Name=858922d4-73ad-4109-
a947-954b19e504f9
SM_V9_2 iris    exon    32367626        32367760        .       +
        .       Parent=Smp_311520.1;Name=d67f9e62-cf5f-48eb-b82a-
def7ea53d583
SM_V9_2 iris    exon    32369174        32369249        .       +
        .       Parent=Smp_311520.1;Name=59d5945d-
f5ad-41df-94ea-821a2324d488
SM_V9_2 iris    exon    32371748        32371879        .       +
        .
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Parent=Smp_311520.1;Name=b5cdf127-2ff9-4d19-9aab-92c3533f6bdb
SM_V9_2 iris    exon    32373311        32373621        .       +
        .       Parent=Smp_311520.1;Name=6728f263-bd2d-4e65-
a4c4-7a9b4af3487b
SM_V9_2 iris    exon    32380031        32380231        .       +
        .       Parent=Smp_311520.1;Name=8ad35e10-aa61-4ada-
ad9b-086e2365b6e5
SM_V9_2 iris    exon    32382336        32382542        .       +
        .       Parent=Smp_311520.1;Name=77177112-1b3f-44d9-abce-
cff780cdf7ed
SM_V9_2 iris    exon    32383126        32383242        .       +
        .       Parent=Smp_311520.1;Name=3225a241-24bb-4146-
b8f9-1e6ba54dac9a
SM_V9_2 iris    exon    32384789        32384945        .       +
        .       Parent=Smp_311520.1;Name=5aff7c4d-fff2-4ab9-8100-
e2a1e00bfbc4
SM_V9_2 iris    exon    32388143        32388382        .       +
        .
Parent=Smp_311520.1;Name=cf5203f8-6e71-4cf8-8bc2-7b4bc9c367cd
SM_V9_2 iris    exon    32388875        32389418        .       +
        .
Parent=Smp_311520.1;Name=f8582cb0-31f8-4668-8016-4483f3eadfca
SM_V9_2 iris    exon    32390672        32390978        .       +
        .       Parent=Smp_311520.1;Name=22f8c708-0c0b-47fb-a9bd-
b5acfec9dd0d
SM_V9_2 iris    exon    32391965        32392294        .       +
        .       Parent=Smp_311520.1;Name=8140bf52-3a3b-467b-
b580-6014379e5c39
SM_V9_2 iris    exon    32394355        32394427        .       +
        .
Parent=Smp_311520.1;Name=ab76c68f-0e3a-4524-8460-4bce3c839abb
SM_V9_2 iris    exon    32395976        32396126        .       +
        .       Parent=Smp_311520.1;Name=d0c83569-
ecc3-4480-9f8c-887aa0f9935a
SM_V9_2 iris    exon    32396489        32396637        .       +
        .       Parent=Smp_311520.1;Name=5c26abea-3400-4e62-881d-
b1c651bbdaf0
SM_V9_2 iris    exon    32397707        32397795        .       +
        .
Parent=Smp_311520.1;Name=142be9ec-61f5-4856-8db1-8ce12e87e780
SM_V9_2 iris    exon    32399941        32400089        .       +
        .
Parent=Smp_311520.1;Name=e8350c1f-57f2-495b-8d7d-334237682fe7
SM_V9_2 iris    exon    32400982        32401363        .       +
        .       Parent=Smp_311520.1;Name=cec39c3a-8fe4-4086-9882-
ed18e1b43a44
SM_V9_2 iris    exon    32402527        32403639        .       +
        .       Parent=Smp_311520.1;Name=5176c957-983e-43aa-ac5a-
b43cfa42a563
SM_V9_2 iris    CDS     32365106        32365189        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32365226        32365393        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32365474        32365532        .       +
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        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32365570        32365639        .       +
        1       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32365676        32365758        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32367354        32367495        .       +
        1       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32367626        32367760        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32369174        32369249        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32371748        32371879        .       +
        2       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32373311        32373621        .       +
        2       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32380031        32380231        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32382336        32382542        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32383126        32383242        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32384789        32384945        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32388143        32388382        .       +
        2       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32388875        32389418        .       +
        2       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32390672        32390978        .       +
        1       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32391965        32392294        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32394355        32394427        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32395976        32396126        .       +
        2       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32396489        32396637        .       +
        1       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32397707        32397795        .       +
        2       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32399941        32400089        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32400982        32401363        .       +
        1       Parent=Smp_311520.1
SM_V9_2 iris    CDS     32402527        32402772        .       +
        0       Parent=Smp_311520.1
SM_V9_2 iris    gene    32419821        32423333        .       +
        .
ID=Smp_208050;geneID=Smp_208050;gene_name=Smp_208050;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    32419821        32423333        .       +
        .
ID=Smp_208050.1;Parent=Smp_208050;geneID=Smp_208050;gene_name=Smp_20
8050;owner=irisadmin@local.host;orig_id=Smp_208050.1;date_last_modif
ied=2022-07-22;Name=Smp_208050.1;product=Histidine triad nucleotide-
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binding protein 3;date_creation=2022-07-22
SM_V9_2 iris    exon    32419821        32419903        .       +
        .       Parent=Smp_208050.1;Name=1a1d4a0e-3c63-449d-
bdb0-4ca15a37bb85
SM_V9_2 iris    exon    32422234        32422556        .       +
        .       Parent=Smp_208050.1;Name=2129d273-3aae-41bf-
b92b-3b157c6a795c
SM_V9_2 iris    exon    32422610        32422727        .       +
        .       Parent=Smp_208050.1;Name=5e0f3cf7-ab49-4cc3-
a321-5f539e259213
SM_V9_2 iris    exon    32422759        32422828        .       +
        .       Parent=Smp_208050.1;Name=a55446cf-cd8d-4077-
b29e-565859d7d8a9
SM_V9_2 iris    exon    32422862        32422982        .       +
        .       Parent=Smp_208050.1;Name=70225699-
c51b-4c2f-99b4-015ef32cf50d
SM_V9_2 iris    exon    32423036        32423333        .       +
        .
Parent=Smp_208050.1;Name=2f4b470f-1cc2-4770-9d66-63c09637f65f
SM_V9_2 iris    CDS     32422467        32422556        .       +
        0       Parent=Smp_208050.1
SM_V9_2 iris    CDS     32422610        32422727        .       +
        0       Parent=Smp_208050.1
SM_V9_2 iris    CDS     32422759        32422828        .       +
        2       Parent=Smp_208050.1
SM_V9_2 iris    CDS     32422862        32422982        .       +
        1       Parent=Smp_208050.1
SM_V9_2 iris    CDS     32423036        32423080        .       +
        0       Parent=Smp_208050.1
SM_V9_2 Liftoff gene    32426800        32485123        .       -
        .       ID=Smp_245890;geneID=Smp_245890
SM_V9_2 Liftoff mRNA    32426800        32485123        .       -
        .
ID=Smp_245890.1;Parent=Smp_245890;geneID=Smp_245890;product=Probable
cation-transporting ATPase
13A3;polypeptide_domain=InterPro:IPR001757,IPR006544,IPR008250,IPR01
8303,IPR023214,IPR023298,IPR023299
Pfam:PF00122,PF00702;Ontology_term=GO:0000166,GO:0006812,GO:0016021,
GO:0016887
SM_V9_2 Liftoff exon    32426800        32427912        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32429076        32429457        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32430350        32430498        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32432644        32432732        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32433808        32433956        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32434319        32434469        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32440192        32440264        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32446372        32446701        .       -
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        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32447874        32448180        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32449438        32449981        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32453585        32453824        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32465740        32465896        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32467366        32467482        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32468066        32468272        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32472904        32473104        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32474659        32474969        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32476444        32476575        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32480775        32480850        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32482256        32482390        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32482521        32482662        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32484318        32484400        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32484448        32484502        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32484540        32484598        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff exon    32484674        32485123        .       -
        .       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32427667        32427912        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32429076        32429457        .       -
        1       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32430350        32430498        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32432644        32432732        .       -
        2       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32433808        32433956        .       -
        1       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32434319        32434469        .       -
        2       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32440192        32440264        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32446372        32446701        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32447874        32448180        .       -
        1       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32449438        32449981        .       -
        2       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32453585        32453824        .       -
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        2       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32465740        32465896        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32467366        32467482        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32468066        32468272        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32472904        32473104        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32474659        32474969        .       -
        2       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32476444        32476575        .       -
        2       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32480775        32480850        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32482256        32482390        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32482521        32482662        .       -
        1       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32484318        32484400        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32484448        32484502        .       -
        1       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32484540        32484598        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff CDS     32484674        32484700        .       -
        0       Parent=Smp_245890.1
SM_V9_2 Liftoff gene    32494783        32495256        .       -
        .       ID=Smp_096920;geneID=Smp_096920
SM_V9_2 Liftoff mRNA    32494783        32495256        .       -
        .
ID=Smp_096920.1;Parent=Smp_096920;geneID=Smp_096920;product=Protein
FraH;polypeptide_domain=InterPro:IPR000253,IPR008984
Pfam:PF00498;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    32494783        32495256        .       -
        .       Parent=Smp_096920.1
SM_V9_2 Liftoff CDS     32494783        32495256        .       -
        0       Parent=Smp_096920.1
SM_V9_2 Liftoff gene    32501487        32505236        .       +
        .       ID=Smp_096910;geneID=Smp_096910
SM_V9_2 Liftoff mRNA    32501487        32505236        .       +
        .
ID=Smp_096910.1;Parent=Smp_096910;geneID=Smp_096910;product=Dolichyl
pyrophosphate Man9GlcNAc2 alpha-1,3-
glucosyltransferase;polypeptide_domain=InterPro:IPR004856
Pfam:PF03155;Ontology_term=GO:0005789,GO:0016758
SM_V9_2 Liftoff exon    32501487        32505236        .       +
        .       Parent=Smp_096910.1
SM_V9_2 Liftoff CDS     32503531        32505063        .       +
        0       Parent=Smp_096910.1
SM_V9_2 iris    gene    32508092        32519051        .       -
        .
ID=Smp_096900;geneID=Smp_096900;gene_name=Smp_096900;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
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SM_V9_2 iris    mRNA    32508092        32519051        .       -
       .
ID=Smp_096900.1;Parent=Smp_096900;geneID=Smp_096900;gene_name=Smp_09
6900;owner=irisadmin@local.host;orig_id=Smp_096900.1;date_last_modif
ied=2022-07-22;Name=Smp_096900.1;product=Mitochondrial ribonuclease
P protein 3;date_creation=2022-07-22
SM_V9_2 iris    exon    32508092        32508315        .       -
       .
Parent=Smp_096900.1;Name=9b3b6552-6901-4366-9337-6908791e8f4f
SM_V9_2 iris    exon    32513040        32513220        .       -
       .       Parent=Smp_096900.1;Name=07104af5-90a8-4a8c-
a061-3975593d12aa
SM_V9_2 iris    exon    32513828        32513982        .       -
       .
Parent=Smp_096900.1;Name=e30e64dc-857d-4eb6-8217-17fc8e89595e
SM_V9_2 iris    exon    32517721        32517888        .       -
       .
Parent=Smp_096900.1;Name=c78ec9e6-61e9-49df-8a10-6a12c28bf8ca
SM_V9_2 iris    exon    32517935        32518037        .       -
       .       Parent=Smp_096900.1;Name=60900d2a-ccc9-4829-b1a9-
e2257812c40a
SM_V9_2 iris    exon    32518090        32519051        .       -
       .       Parent=Smp_096900.1;Name=69bce96a-f7bb-4063-b3cb-
eee41d8fabf2
SM_V9_2 iris    CDS     32508184        32508315        .       -
       0       Parent=Smp_096900.1
SM_V9_2 iris    CDS     32513040        32513220        .       -
       1       Parent=Smp_096900.1
SM_V9_2 iris    CDS     32513828        32513982        .       -
       0       Parent=Smp_096900.1
SM_V9_2 iris    CDS     32517721        32517888        .       -
       0       Parent=Smp_096900.1
SM_V9_2 iris    CDS     32517935        32518037        .       -
       1       Parent=Smp_096900.1
SM_V9_2 iris    CDS     32518090        32518943        .       -
       0       Parent=Smp_096900.1
SM_V9_2 iris    gene    32548997        32570259        .       +
       .
ID=Smp_175340;geneID=Smp_175340;gene_name=Smp_175340;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
SM_V9_2 iris    mRNA    32548997        32570259        .       +
       .
ID=Smp_175340.1;Parent=Smp_175340;geneID=Smp_175340;gene_name=Smp_17
5340;owner=irisadmin@local.host;orig_id=Smp_175340.1;date_last_modif
ied=2022-07-10;Name=Smp_175340.1;product=ADAM 17-like
protease;date_creation=2022-07-10
SM_V9_2 iris    exon    32548997        32549022        .       +
       .
Parent=Smp_175340.1;Name=052756fe-8c08-45cd-9a21-7e8e502acda0
SM_V9_2 iris    exon    32551306        32551510        .       +
       .       Parent=Smp_175340.1;Name=d98281eb-df88-4149-
b3c1-2e9aff89071f
SM_V9_2 iris    exon    32551549        32551666        .       +
       .       Parent=Smp_175340.1;Name=30dcf05e-0f31-46f3-
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b0b2-4ddce7290deb
SM_V9_2 iris    exon    32551696        32551927        .       +
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Parent=Smp_175340.1;Name=2e5a0b0f-87ff-4730-9e30-52e889bc18f8
SM_V9_2 iris    exon    32551960        32552045        .       +
        .
Parent=Smp_175340.1;Name=c02cd61a-495e-455a-999b-485e68e5ca56
SM_V9_2 iris    exon    32552094        32552149        .       +
        .       Parent=Smp_175340.1;Name=dda88968-
bae8-4dd7-9cf8-97611ff96921
SM_V9_2 iris    exon    32554375        32554508        .       +
        .       Parent=Smp_175340.1;Name=e78a1477-aa1a-4ea1-9f33-
a76417ba7a77
SM_V9_2 iris    exon    32554569        32554667        .       +
        .       Parent=Smp_175340.1;Name=e7cbe833-
b382-4499-80b4-91c93fc008a0
SM_V9_2 iris    exon    32554783        32554878        .       +
        .       Parent=Smp_175340.1;Name=0686bc57-
ee3e-4350-94dd-4a6a0968a71b
SM_V9_2 iris    exon    32557122        32557260        .       +
        .
Parent=Smp_175340.1;Name=f8865fff-79c0-4b91-9031-959f966773ec
SM_V9_2 iris    exon    32559403        32559638        .       +
        .       Parent=Smp_175340.1;Name=47115850-76a3-4f14-
b9b2-5da71b6a8804
SM_V9_2 iris    exon    32561335        32561566        .       +
        .       Parent=Smp_175340.1;Name=f659c45d-841e-4f1d-
bcf7-412c997ae246
SM_V9_2 iris    exon    32561964        32562176        .       +
        .
Parent=Smp_175340.1;Name=fcb6ea8f-4b05-445c-855f-1e19deb22a4b
SM_V9_2 iris    exon    32563745        32564218        .       +
        .       Parent=Smp_175340.1;Name=ac0b7eac-aa8a-4c9c-a00c-
ccb2d1465f72
SM_V9_2 iris    exon    32566396        32566484        .       +
        .       Parent=Smp_175340.1;Name=09f81624-65e6-4291-
bf44-6a85bb5dcf80
SM_V9_2 iris    exon    32568809        32570259        .       +
        .       Parent=Smp_175340.1;Name=966834f9-d8f8-4820-
bbad-3a8fbc6d8568
SM_V9_2 iris    CDS     32551459        32551510        .       +
        0       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32551549        32551666        .       +
        2       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32551696        32551927        .       +
        1       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32551960        32552045        .       +
        0       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32552094        32552149        .       +
        1       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32554375        32554508        .       +
        2       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32554569        32554667        .       +
        0       Parent=Smp_175340.1
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SM_V9_2 iris    CDS     32554783        32554878        .       +
        0       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32557122        32557260        .       +
        0       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32559403        32559638        .       +
        2       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32561335        32561566        .       +
        0       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32561964        32562176        .       +
        2       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32563745        32564218        .       +
        2       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32566396        32566484        .       +
        2       Parent=Smp_175340.1
SM_V9_2 iris    CDS     32568809        32568826        .       +
        0       Parent=Smp_175340.1
SM_V9_2 Liftoff gene    32606778        32613563        .       -
        .       ID=Smp_201440;geneID=Smp_201440
SM_V9_2 Liftoff mRNA    32606778        32613563        .       -
        .
ID=Smp_201440.1;Parent=Smp_201440;geneID=Smp_201440;product=Homoseri
ne O-succinyltransferase
SM_V9_2 Liftoff exon    32606778        32607304        .       -
        .       Parent=Smp_201440.1
SM_V9_2 Liftoff exon    32613274        32613563        .       -
        .       Parent=Smp_201440.1
SM_V9_2 Liftoff CDS     32607195        32607304        .       -
        2       Parent=Smp_201440.1
SM_V9_2 Liftoff CDS     32613274        32613493        .       -
        0       Parent=Smp_201440.1
SM_V9_2 iris    gene    32615635        32630938        .       +
        .
ID=Smp_123340;geneID=Smp_123340;gene_name=Smp_123340;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    32615635        32630938        .       +
        .
ID=Smp_123340.1;Parent=Smp_123340;geneID=Smp_123340;gene_name=Smp_12
3340;owner=irisadmin@local.host;orig_id=Smp_123340.1;date_last_modif
ied=2022-07-22;Name=Smp_123340.1;product=Uncharacterized protein
C19orf47 homolog;date_creation=2022-07-22
SM_V9_2 iris    exon    32615635        32615812        .       +
        .
Parent=Smp_123340.1;Name=f7a28697-4276-41cd-8bfa-7b550f2d0901
SM_V9_2 iris    exon    32620508        32620710        .       +
        .       Parent=Smp_123340.1;Name=b7c801fd-4a26-4560-aa8d-
f09e34ecd8c9
SM_V9_2 iris    exon    32620749        32620830        .       +
        .
Parent=Smp_123340.1;Name=4801e3ee-69d7-4b36-8c7a-41edef7b3a38
SM_V9_2 iris    exon    32620867        32620992        .       +
        .
Parent=Smp_123340.1;Name=f810cb60-4d98-43a9-9c0f-9d9821bc6963
SM_V9_2 iris    exon    32622973        32623096        .       +
        .       Parent=Smp_123340.1;Name=cd36fda0-766c-43cd-
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b238-564a24bf99e5
SM_V9_2 iris    exon    32627613        32627925        .       +
        .       Parent=Smp_123340.1;Name=12572d44-b2b6-4c55-94bc-
f85e183ed097
SM_V9_2 iris    exon    32628543        32628765        .       +
        .       Parent=Smp_123340.1;Name=e273b050-57d1-4867-a280-
afff81e45e77
SM_V9_2 iris    exon    32630781        32630938        .       +
        .       Parent=Smp_123340.1;Name=68cbc002-
e156-40db-8546-7b43a18ba188
SM_V9_2 iris    CDS     32620645        32620710        .       +
        0       Parent=Smp_123340.1
SM_V9_2 iris    CDS     32620749        32620830        .       +
        0       Parent=Smp_123340.1
SM_V9_2 iris    CDS     32620867        32620992        .       +
        2       Parent=Smp_123340.1
SM_V9_2 iris    CDS     32622973        32623096        .       +
        2       Parent=Smp_123340.1
SM_V9_2 iris    CDS     32627613        32627925        .       +
        1       Parent=Smp_123340.1
SM_V9_2 iris    CDS     32628543        32628765        .       +
        0       Parent=Smp_123340.1
SM_V9_2 iris    CDS     32630781        32630848        .       +
        2       Parent=Smp_123340.1
SM_V9_2 iris    gene    32638245        32713893        .       -
        .
ID=Smp_336010;geneID=Smp_336010;gene_name=Smp_336010;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    32638245        32713893        .       -
        .
ID=Smp_336010.1;Parent=Smp_336010;geneID=Smp_336010;gene_name=Smp_33
6010;owner=irisadmin@local.host;orig_id=Smp_336010.1;date_last_modif
ied=2022-08-17;Name=Smp_336010.1;product=Galanin receptor type
2;date_creation=2022-08-17
SM_V9_2 iris    exon    32638245        32639377        .       -
        .       Parent=Smp_336010.1;Name=8dd53826-3338-412b-
a1fd-0263462d4403
SM_V9_2 iris    exon    32659580        32659954        .       -
        .
Parent=Smp_336010.1;Name=5d6aefb1-5c5b-47eb-8df8-7f74c97ba35a
SM_V9_2 iris    exon    32674858        32674990        .       -
        .       Parent=Smp_336010.1;Name=456e5555-
d330-42ed-8872-4fa88fc22e0c
SM_V9_2 iris    exon    32713248        32713893        .       -
        .       Parent=Smp_336010.1;Name=e10ca117-c4eb-4984-b1d5-
fb4b0549c3c2
SM_V9_2 iris    CDS     32638607        32639377        .       -
        0       Parent=Smp_336010.1
SM_V9_2 iris    CDS     32659580        32659678        .       -
        0       Parent=Smp_336010.1
SM_V9_2 iris    gene    32802709        32830518        .       -
        .
ID=Smp_340080;geneID=Smp_340080;gene_name=Smp_340080;owner=irisadmin
@local.host;date_last_modified=2022-07-10;date_creation=2022-07-10
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SM_V9_2 iris    mRNA    32802709        32830518        .       -
       .
ID=Smp_340080.1;Parent=Smp_340080;geneID=Smp_340080;gene_name=Smp_34
0080;owner=irisadmin@local.host;orig_id=Smp_340080.1;date_last_modif
ied=2022-07-10;Name=Smp_340080.1;product=Hypothetical
protein;date_creation=2022-07-10
SM_V9_2 iris    exon    32802709        32803397        .       -
       .       Parent=Smp_340080.1;Name=4233284a-f04e-4509-8d85-
ec907950b744
SM_V9_2 iris    exon    32806137        32807094        .       -
       .       Parent=Smp_340080.1;Name=80674cc1-8923-42ba-
bf0f-1da8a87b2e48
SM_V9_2 iris    exon    32809012        32810295        .       -
       .       Parent=Smp_340080.1;Name=ef93fa60-22e8-473b-
bd68-0a86b41ec217
SM_V9_2 iris    exon    32820502        32821774        .       -
       .       Parent=Smp_340080.1;Name=d26a440d-0aa0-4528-bbc3-
d1806a46e4d5
SM_V9_2 iris    exon    32830051        32830518        .       -
       .       Parent=Smp_340080.1;Name=bf1d7ab5-ded3-499c-888c-
e21881b191da
SM_V9_2 iris    CDS     32803336        32803397        .       -
       2       Parent=Smp_340080.1
SM_V9_2 iris    CDS     32806137        32807094        .       -
       0       Parent=Smp_340080.1
SM_V9_2 iris    CDS     32809012        32810295        .       -
       0       Parent=Smp_340080.1
SM_V9_2 iris    CDS     32820502        32821683        .       -
       0       Parent=Smp_340080.1
SM_V9_2 Liftoff gene    32948558        32980482        .       +
       .       ID=Smp_123360;geneID=Smp_123360
SM_V9_2 Liftoff mRNA    32948558        32980482        .       +
       .
ID=Smp_123360.1;Parent=Smp_123360;geneID=Smp_123360;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    32948558        32969098        .       +
       .       Parent=Smp_123360.1
SM_V9_2 Liftoff exon    32973305        32974444        .       +
       .       Parent=Smp_123360.1
SM_V9_2 Liftoff exon    32976438        32980482        .       +
       .       Parent=Smp_123360.1
SM_V9_2 Liftoff CDS     32968013        32969098        .       +
       0       Parent=Smp_123360.1
SM_V9_2 Liftoff CDS     32973305        32974444        .       +
       0       Parent=Smp_123360.1
SM_V9_2 Liftoff CDS     32976438        32977484        .       +
       0       Parent=Smp_123360.1
SM_V9_2 Liftoff gene    33034258        33057172        .       +
       .       ID=Smp_123370;geneID=Smp_123370
SM_V9_2 Liftoff mRNA    33034258        33057172        .       +
       .
ID=Smp_123370.1;Parent=Smp_123370;geneID=Smp_123370;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    33034258        33048391        .       +
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        .       Parent=Smp_123370.1
SM_V9_2 Liftoff exon    33051561        33052877        .       +
        .       Parent=Smp_123370.1
SM_V9_2 Liftoff exon    33054662        33057172        .       +
        .       Parent=Smp_123370.1
SM_V9_2 Liftoff CDS     33047366        33048391        .       +
        0       Parent=Smp_123370.1
SM_V9_2 Liftoff CDS     33051561        33052877        .       +
        0       Parent=Smp_123370.1
SM_V9_2 Liftoff CDS     33054662        33055123        .       +
        0       Parent=Smp_123370.1
SM_V9_2 iris    gene    33084762        33092784        .       -
        .
ID=Smp_002380;geneID=Smp_002380;gene_name=Smp_002380;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33084762        33092784        .       -
        .
ID=Smp_002380.1;Parent=Smp_002380;geneID=Smp_002380;gene_name=Smp_00
2380;owner=irisadmin@local.host;orig_id=Smp_002380.1;date_last_modif
ied=2022-07-22;Name=Smp_002380.1;product=Ubiquitin domain-containing
protein UBFD1;date_creation=2022-07-22
SM_V9_2 iris    exon    33084762        33086000        .       -
        .       Parent=Smp_002380.1;Name=ddc9eeb9-7bcb-4165-a1a0-
f16a9dde33b9
SM_V9_2 iris    exon    33092757        33092784        .       -
        .
Parent=Smp_002380.1;Name=4a9714bb-2c9e-464e-86eb-29a716cbb8a9
SM_V9_2 iris    CDS     33085173        33085997        .       -
        0       Parent=Smp_002380.1
SM_V9_2 Liftoff gene    33095838        33117918        .       +
        .
ID=Smp_341940;geneID=Smp_341940;previous_systematic_id=Smp_123380
SM_V9_2 Liftoff mRNA    33095838        33117918        .       +
        .
ID=Smp_341940.1;Parent=Smp_341940;geneID=Smp_341940;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR015943,IP
R027417 Pfam:PF00004;Ontology_term=GO:0005515,GO:0005524
SM_V9_2 Liftoff exon    33095838        33095895        .       +
        .       Parent=Smp_341940.1
SM_V9_2 Liftoff exon    33097833        33097950        .       +
        .       Parent=Smp_341940.1
SM_V9_2 Liftoff exon    33106390        33107309        .       +
        .       Parent=Smp_341940.1
SM_V9_2 Liftoff exon    33110393        33111428        .       +
        .       Parent=Smp_341940.1
SM_V9_2 Liftoff exon    33111582        33113059        .       +
        .       Parent=Smp_341940.1
SM_V9_2 Liftoff exon    33115340        33117918        .       +
        .       Parent=Smp_341940.1
SM_V9_2 Liftoff CDS     33095881        33095895        .       +
        0       Parent=Smp_341940.1
SM_V9_2 Liftoff CDS     33097833        33097950        .       +
        0       Parent=Smp_341940.1
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SM_V9_2 Liftoff CDS     33106390        33107309        .       +
        2       Parent=Smp_341940.1
SM_V9_2 Liftoff CDS     33110393        33111428        .       +
        0       Parent=Smp_341940.1
SM_V9_2 Liftoff CDS     33111582        33113059        .       +
        2       Parent=Smp_341940.1
SM_V9_2 Liftoff CDS     33115340        33117844        .       +
        0       Parent=Smp_341940.1
SM_V9_2 iris    gene    33139296        33155030        .       -
        .
ID=Smp_123390;geneID=Smp_123390;gene_name=Smp_123390;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33139296        33155030        .       -
        .
ID=Smp_123390.1;Parent=Smp_123390;geneID=Smp_123390;gene_name=Smp_12
3390;owner=irisadmin@local.host;orig_id=Smp_123390.2;date_last_modif
ied=2022-07-22;Name=Smp_123390.1;product=Zinc finger protein ubi-
d4;date_creation=2022-07-22
SM_V9_2 iris    exon    33139296        33141123        .       -
        .       Parent=Smp_123390.1;Name=fbf99629-e5c7-43a5-9476-
a311cceb4136
SM_V9_2 iris    exon    33142717        33142973        .       -
        .       Parent=Smp_123390.1;Name=fcc1fbfe-
e1f5-4807-8afb-3d8fece079e4
SM_V9_2 iris    exon    33143110        33143413        .       -
        .       Parent=Smp_123390.1;Name=c4bbf1ea-5be9-4cc6-
bce3-6bbefda81831
SM_V9_2 iris    exon    33153196        33153378        .       -
        .
Parent=Smp_123390.1;Name=55785819-443e-495c-8224-9b9529785fe1
SM_V9_2 iris    exon    33154421        33154560        .       -
        .       Parent=Smp_123390.1;Name=ea419606-047a-4a95-989f-
e2fc52f7f83b
SM_V9_2 iris    exon    33154608        33154724        .       -
        .       Parent=Smp_123390.1;Name=7532a9c7-
f989-4fc8-98e6-632ac86a15f5
SM_V9_2 iris    exon    33154758        33155030        .       -
        .
Parent=Smp_123390.1;Name=a5a48cd9-558c-4ea4-838b-5214b7106015
SM_V9_2 iris    CDS     33140689        33141123        .       -
        0       Parent=Smp_123390.1
SM_V9_2 iris    CDS     33142717        33142973        .       -
        2       Parent=Smp_123390.1
SM_V9_2 iris    CDS     33143110        33143413        .       -
        0       Parent=Smp_123390.1
SM_V9_2 iris    CDS     33153196        33153378        .       -
        0       Parent=Smp_123390.1
SM_V9_2 iris    CDS     33154421        33154560        .       -
        2       Parent=Smp_123390.1
SM_V9_2 iris    CDS     33154608        33154724        .       -
        2       Parent=Smp_123390.1
SM_V9_2 iris    CDS     33154758        33154968        .       -
        0       Parent=Smp_123390.1
SM_V9_2 iris    gene    33178368        33180936        .       +
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        .
ID=Smp_002410;geneID=Smp_002410;gene_name=Smp_002410;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33178368        33180936        .       +
        .
ID=Smp_002410.1;Parent=Smp_002410;geneID=Smp_002410;gene_name=Smp_00
2410;owner=irisadmin@local.host;orig_id=Smp_002410.1;date_last_modif
ied=2022-07-22;Name=Smp_002410.1;product=14-3-3 epsilon
2;date_creation=2022-07-22
SM_V9_2 iris    exon    33178368        33178502        .       +
        .       Parent=Smp_002410.1;Name=8c6bbbf4-77c0-470a-
ad8d-63cbca14aded
SM_V9_2 iris    exon    33180013        33180319        .       +
        .
Parent=Smp_002410.1;Name=c6605bb3-147a-4eac-8f50-1cd904807a01
SM_V9_2 iris    exon    33180358        33180692        .       +
        .       Parent=Smp_002410.1;Name=0cba34a5-c941-48a0-910d-
ca217bf96833
SM_V9_2 iris    exon    33180728        33180936        .       +
        .       Parent=Smp_002410.1;Name=ae79e820-ab44-40f4-a3f7-
b92a18ecae16
SM_V9_2 iris    CDS     33178436        33178502        .       +
        0       Parent=Smp_002410.1
SM_V9_2 iris    CDS     33180013        33180319        .       +
        2       Parent=Smp_002410.1
SM_V9_2 iris    CDS     33180358        33180692        .       +
        1       Parent=Smp_002410.1
SM_V9_2 iris    CDS     33180728        33180768        .       +
        2       Parent=Smp_002410.1
SM_V9_2 iris    gene    33232758        33239948        .       +
        .
ID=Smp_123410;geneID=Smp_123410;gene_name=Smp_123410;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33232758        33239948        .       +
        .
ID=Smp_123410.1;Parent=Smp_123410;geneID=Smp_123410;gene_name=Smp_12
3410;owner=irisadmin@local.host;orig_id=Smp_123410.1;date_last_modif
ied=2022-07-22;Name=Smp_123410.1;product=Probable ATP-dependent RNA
helicase DDX49;date_creation=2022-07-22
SM_V9_2 iris    exon    33232758        33232801        .       +
        .
Parent=Smp_123410.1;Name=9e3986a7-5d4d-42df-81e0-84cc1adf7eac
SM_V9_2 iris    exon    33234664        33234837        .       +
        .       Parent=Smp_123410.1;Name=0cf3478e-0661-4e00-
a3ff-8ca4f47ef8f8
SM_V9_2 iris    exon    33234869        33234992        .       +
        .
Parent=Smp_123410.1;Name=25631d72-786f-4769-8bce-9d59ea72a0d0
SM_V9_2 iris    exon    33237571        33238511        .       +
        .       Parent=Smp_123410.1;Name=c49b9e21-6499-4666-b615-
acf00bf01659
SM_V9_2 iris    exon    33239628        33239716        .       +
        .       Parent=Smp_123410.1;Name=9deb3eb0-071b-46f8-
ba59-95e1721e1722
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SM_V9_2 iris    exon    33239760        33239813        .       +
        .       Parent=Smp_123410.1;Name=974657f6-3dd0-4f9b-
be90-4e3f51be784d
SM_V9_2 iris    exon    33239856        33239948        .       +
        .       Parent=Smp_123410.1;Name=644ce8f9-
ed62-4712-94d2-09764780dbd0
SM_V9_2 iris    CDS     33234726        33234837        .       +
        0       Parent=Smp_123410.1
SM_V9_2 iris    CDS     33234869        33234992        .       +
        2       Parent=Smp_123410.1
SM_V9_2 iris    CDS     33237571        33238511        .       +
        1       Parent=Smp_123410.1
SM_V9_2 iris    CDS     33239628        33239716        .       +
        2       Parent=Smp_123410.1
SM_V9_2 iris    CDS     33239760        33239813        .       +
        0       Parent=Smp_123410.1
SM_V9_2 iris    CDS     33239856        33239897        .       +
        0       Parent=Smp_123410.1
SM_V9_2 iris    gene    33241383        33264938        .       -
        .
ID=Smp_341950;geneID=Smp_341950;gene_name=Smp_341950;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33241383        33264938        .       -
        .
ID=Smp_341950.1;Parent=Smp_341950;geneID=Smp_341950;gene_name=Smp_34
1950;owner=irisadmin@local.host;orig_id=Smp_341950.1;date_last_modif
ied=2022-07-22;Name=Smp_341950.1;product=Aryl hydrocarbon receptor
nuclear translocator;date_creation=2022-07-22
SM_V9_2 iris    exon    33241383        33242422        .       -
        .       Parent=Smp_341950.1;Name=df9a0cf3-df34-425a-9825-
a3f5100f1857
SM_V9_2 iris    exon    33243507        33244069        .       -
        .       Parent=Smp_341950.1;Name=a91277f7-ab68-4e94-9f59-
a775474e7212
SM_V9_2 iris    exon    33244231        33244384        .       -
        .       Parent=Smp_341950.1;Name=e84c9035-e2a3-4db5-b631-
ebedbaf30418
SM_V9_2 iris    exon    33245897        33246238        .       -
        .       Parent=Smp_341950.1;Name=89af4ebc-672f-4c40-8369-
d3ff69ec9b00
SM_V9_2 iris    exon    33256614        33256910        .       -
        .       Parent=Smp_341950.1;Name=1d1bb137-a930-44fd-
b8b4-744bc3dad5d8
SM_V9_2 iris    exon    33257805        33258183        .       -
        .       Parent=Smp_341950.1;Name=d4a2b0a6-
f28d-4115-872b-9dda515b4235
SM_V9_2 iris    exon    33259997        33260089        .       -
        .
Parent=Smp_341950.1;Name=e1768421-13fa-4723-966a-3bca3acf5232
SM_V9_2 iris    exon    33261010        33261089        .       -
        .       Parent=Smp_341950.1;Name=43fbf371-7dae-42a4-99e5-
b1b499285c68
SM_V9_2 iris    exon    33264398        33264555        .       -
        .       Parent=Smp_341950.1;Name=eb1a68f1-aeda-420f-
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bdb8-6831016189dd
SM_V9_2 iris    exon    33264591        33264674        .       -
        .
Parent=Smp_341950.1;Name=37fa0e23-0c63-48e3-84aa-99d5d1309ebc
SM_V9_2 iris    exon    33264708        33264761        .       -
        .
Parent=Smp_341950.1;Name=aa223e9f-6b8d-4f91-8b11-508b6892b379
SM_V9_2 iris    exon    33264833        33264938        .       -
        .       Parent=Smp_341950.1;Name=cac7b9cc-ae7c-416b-b47a-
a540a220964b
SM_V9_2 iris    CDS     33241872        33242422        .       -
        2       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33243507        33244069        .       -
        1       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33244231        33244384        .       -
        2       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33245897        33246238        .       -
        2       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33256614        33256910        .       -
        2       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33257805        33258183        .       -
        0       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33259997        33260089        .       -
        0       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33261010        33261089        .       -
        2       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33264398        33264555        .       -
        1       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33264591        33264674        .       -
        1       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33264708        33264761        .       -
        1       Parent=Smp_341950.1
SM_V9_2 iris    CDS     33264833        33264840        .       -
        0       Parent=Smp_341950.1
SM_V9_2 iris    gene    33277039        33301943        .       +
        .
ID=Smp_341960;geneID=Smp_341960;gene_name=Smp_341960;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33277039        33301943        .       +
        .
ID=Smp_341960.1;Parent=Smp_341960;geneID=Smp_341960;gene_name=Smp_34
1960;owner=irisadmin@local.host;orig_id=Smp_341960.1;date_last_modif
ied=2022-07-22;Name=Smp_341960.1;product=Coiled-coil domain-
containing protein 170;date_creation=2022-07-22
SM_V9_2 iris    exon    33277039        33277118        .       +
        .
Parent=Smp_341960.1;Name=16d91e52-0ff0-43eb-9696-9b5d4df7d452
SM_V9_2 iris    exon    33277154        33277197        .       +
        .       Parent=Smp_341960.1;Name=6e5104f1-90d5-44e1-8fc3-
b846caf38469
SM_V9_2 iris    exon    33277280        33277350        .       +
        .       Parent=Smp_341960.1;Name=fa512939-211b-4f3f-
bb99-0210f27e5929
SM_V9_2 iris    exon    33277405        33277516        .       +
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        .
Parent=Smp_341960.1;Name=d86e95eb-1112-4810-9f78-0dcf19c12087
SM_V9_2 iris    exon    33277560        33277816        .       +
        .       Parent=Smp_341960.1;Name=bbb8115b-c532-4c05-8810-
fa28d4a8103e
SM_V9_2 iris    exon    33278748        33278877        .       +
        .       Parent=Smp_341960.1;Name=aa540f52-1593-4574-
b562-2def0a9f3df7
SM_V9_2 iris    exon    33280998        33281183        .       +
        .       Parent=Smp_341960.1;Name=e73ec561-8023-48e0-9a3b-
fb5fbc2c6c89
SM_V9_2 iris    exon    33282810        33283075        .       +
        .       Parent=Smp_341960.1;Name=fad08668-fdfe-4290-acd9-
e751e78af3f9
SM_V9_2 iris    exon    33283957        33284071        .       +
        .       Parent=Smp_341960.1;Name=ade9672a-23a6-407f-8fe3-
a61dfd45f9ca
SM_V9_2 iris    exon    33287030        33287188        .       +
        .       Parent=Smp_341960.1;Name=ec837cb2-f6d0-46ba-9859-
c1d54c1c3fa9
SM_V9_2 iris    exon    33288559        33288652        .       +
        .       Parent=Smp_341960.1;Name=bd62ffc5-
dde8-4857-9ae2-23f90e0af8cf
SM_V9_2 iris    exon    33292545        33292879        .       +
        .       Parent=Smp_341960.1;Name=c30ebedf-30fa-4e43-
a6af-2d28d1189673
SM_V9_2 iris    exon    33297928        33298164        .       +
        .       Parent=Smp_341960.1;Name=d76a5a7b-f4c5-49ec-a102-
bdf46c6bcf66
SM_V9_2 iris    exon    33300518        33300698        .       +
        .       Parent=Smp_341960.1;Name=62508471-c7e5-4402-
ac0d-89bfa969806d
SM_V9_2 iris    exon    33301793        33301943        .       +
        .       Parent=Smp_341960.1;Name=4dd7b7a8-025f-4c58-90cc-
fc1d1290d3ed
SM_V9_2 iris    CDS     33277091        33277118        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33277154        33277197        .       +
        2       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33277280        33277350        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33277405        33277516        .       +
        1       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33277560        33277816        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33278748        33278877        .       +
        1       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33280998        33281183        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33282810        33283075        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33283957        33284071        .       +
        1       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33287030        33287188        .       +
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        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33288559        33288652        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33292545        33292879        .       +
        2       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33297928        33298164        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33300518        33300698        .       +
        0       Parent=Smp_341960.1
SM_V9_2 iris    CDS     33301793        33301818        .       +
        2       Parent=Smp_341960.1
SM_V9_2 iris    gene    33316928        33324075        .       +
        .
ID=Smp_146410;geneID=Smp_146410;gene_name=Smp_146410;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33316928        33324075        .       +
        .
ID=Smp_146410.1;Parent=Smp_146410;geneID=Smp_146410;gene_name=Smp_14
6410;owner=irisadmin@local.host;orig_id=Smp_146410.1;date_last_modif
ied=2022-07-22;Name=Smp_146410.1;product=Histone-lysine N-
methyltransferase EHMT2;date_creation=2022-07-22
SM_V9_2 iris    exon    33316928        33316986        .       +
        .       Parent=Smp_146410.1;Name=0646857d-4cea-49e3-9138-
ca3fff344e3e
SM_V9_2 iris    exon    33322766        33322843        .       +
        .       Parent=Smp_146410.1;Name=9aed3ce3-f0a6-411a-8e3f-
ee6f76dcd853
SM_V9_2 iris    exon    33322879        33323024        .       +
        .
Parent=Smp_146410.1;Name=2a5ae184-5a87-44e8-9b67-92b7984978aa
SM_V9_2 iris    exon    33323059        33323249        .       +
        .       Parent=Smp_146410.1;Name=64ca699d-5875-4a12-a652-
e8fb45503ae7
SM_V9_2 iris    exon    33323287        33323364        .       +
        .       Parent=Smp_146410.1;Name=93f642a9-11d2-4b66-
a7e0-28abc8072cb1
SM_V9_2 iris    exon    33323396        33323486        .       +
        .
Parent=Smp_146410.1;Name=51411b72-63b5-411b-9667-5502b52ddf75
SM_V9_2 iris    exon    33323522        33323601        .       +
        .
Parent=Smp_146410.1;Name=9f53cce5-9b7b-4c0e-9109-1bd9b1392224
SM_V9_2 iris    exon    33323643        33323760        .       +
        .       Parent=Smp_146410.1;Name=2b44a3cd-f88f-4390-8fdf-
a8436451b2e1
SM_V9_2 iris    exon    33323800        33323843        .       +
        .       Parent=Smp_146410.1;Name=0914efa0-2518-4823-
b6fb-221eb1679f24
SM_V9_2 iris    exon    33323877        33324075        .       +
        .       Parent=Smp_146410.1;Name=cf0e9efd-8e39-48a3-
a384-8d99e1d35572
SM_V9_2 iris    CDS     33322774        33322843        .       +
        0       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33322879        33323024        .       +
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        2       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33323059        33323249        .       +
        0       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33323287        33323364        .       +
        1       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33323396        33323486        .       +
        1       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33323522        33323601        .       +
        0       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33323643        33323760        .       +
        1       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33323800        33323843        .       +
        0       Parent=Smp_146410.1
SM_V9_2 iris    CDS     33323877        33323949        .       +
        1       Parent=Smp_146410.1
SM_V9_2 iris    gene    33326299        33363715        .       -
        .
ID=Smp_146400;geneID=Smp_146400;gene_name=Smp_146400;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33326299        33363715        .       -
        .
ID=Smp_146400.1;Parent=Smp_146400;geneID=Smp_146400;gene_name=Smp_14
6400;owner=irisadmin@local.host;orig_id=Smp_146400.1;date_last_modif
ied=2022-07-22;Name=Smp_146400.1;product=Syntaxin-binding protein
1;date_creation=2022-07-22
SM_V9_2 iris    exon    33326299        33327056        .       -
        .       Parent=Smp_146400.1;Name=5fc94224-7aa4-41f0-
b4f1-0c3207759660
SM_V9_2 iris    exon    33329569        33329886        .       -
        .       Parent=Smp_146400.1;Name=b0027243-b20c-4335-b4f2-
a5be47b718cc
SM_V9_2 iris    exon    33332304        33332510        .       -
        .       Parent=Smp_146400.1;Name=2392b0f6-1230-4a8e-b8fd-
cdc1e0f98cf5
SM_V9_2 iris    exon    33336561        33336679        .       -
        .       Parent=Smp_146400.1;Name=76a54ccd-5561-41fb-
bb96-88a23e8270d9
SM_V9_2 iris    exon    33341214        33341349        .       -
        .       Parent=Smp_146400.1;Name=2d6c4aa3-
d11a-4fb0-9232-95367f7da055
SM_V9_2 iris    exon    33344160        33344418        .       -
        .       Parent=Smp_146400.1;Name=c0cb81c8-
ed98-4c21-9ce8-469cf02de012
SM_V9_2 iris    exon    33349530        33349616        .       -
        .       Parent=Smp_146400.1;Name=9514a73a-ea1d-4e03-
a772-5d30efdeff52
SM_V9_2 iris    exon    33350791        33350921        .       -
        .       Parent=Smp_146400.1;Name=d042dcae-222b-4762-
a42d-58eed1d9b453
SM_V9_2 iris    exon    33356737        33356818        .       -
        .       Parent=Smp_146400.1;Name=a5380ea8-1745-42b9-a347-
a1d97457cbdc
SM_V9_2 iris    exon    33360202        33360457        .       -
        .       Parent=Smp_146400.1;Name=9ef2c3d2-bd82-4ab5-8d7a-
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cedca8dd8a1c
SM_V9_2 iris    exon    33363156        33363231        .       -
        .       Parent=Smp_146400.1;Name=2c71a16d-4ead-4423-bb95-
cda7396d01ec
SM_V9_2 iris    exon    33363266        33363339        .       -
        .       Parent=Smp_146400.1;Name=d604dd5d-17b6-4397-966d-
b5dbf24b1bd9
SM_V9_2 iris    exon    33363381        33363512        .       -
        .       Parent=Smp_146400.1;Name=7e0288e4-4f38-4fb3-
abda-167dd7145561
SM_V9_2 iris    exon    33363548        33363715        .       -
        .       Parent=Smp_146400.1;Name=13f57f43-32d8-4661-
a243-8f8c4c747ebc
SM_V9_2 iris    CDS     33326793        33327056        .       -
        0       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33329569        33329886        .       -
        0       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33332304        33332510        .       -
        0       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33336561        33336679        .       -
        2       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33341214        33341349        .       -
        0       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33344160        33344418        .       -
        1       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33349530        33349616        .       -
        1       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33350791        33350921        .       -
        0       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33356737        33356818        .       -
        1       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33360202        33360457        .       -
        2       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33363156        33363231        .       -
        0       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33363266        33363339        .       -
        2       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33363381        33363512        .       -
        2       Parent=Smp_146400.1
SM_V9_2 iris    CDS     33363548        33363575        .       -
        0       Parent=Smp_146400.1
SM_V9_2 iris    mRNA    33356201        33363715        .       -
        .
ID=Smp_146400.2;Parent=Smp_146400;geneID=Smp_146400;gene_name=Smp_14
6400;owner=irisadmin@local.host;orig_id=Smp_146400.2;date_last_modif
ied=2022-07-31;Name=Smp_146400.2;product=Syntaxin-binding protein
1;date_creation=2022-07-22
SM_V9_2 iris    exon    33356201        33356698        .       -
        .       Parent=Smp_146400.2;Name=8dd96810-23c3-4ea2-
a343-5625cd9dc9e8
SM_V9_2 iris    exon    33356737        33356818        .       -
        .       Parent=Smp_146400.2;Name=ee06b348-e1d7-42c0-
b4d7-594f19871eca
SM_V9_2 iris    exon    33360202        33360457        .       -
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        .       Parent=Smp_146400.2;Name=e0a4c197-92db-4d74-
a299-88e438008ff8
SM_V9_2 iris    exon    33363156        33363231        .       -
        .       Parent=Smp_146400.2;Name=5bbc4475-8c8e-4b6b-b528-
a38c3ae0a804
SM_V9_2 iris    exon    33363266        33363339        .       -
        .       Parent=Smp_146400.2;Name=15e701d6-c1f2-4875-
a4c2-4dc0da3dce79
SM_V9_2 iris    exon    33363381        33363512        .       -
        .       Parent=Smp_146400.2;Name=07158468-8bb0-409a-9888-
cd92d43c49ba
SM_V9_2 iris    exon    33363548        33363715        .       -
        .       Parent=Smp_146400.2;Name=452f3286-4248-4cce-bb9c-
ede3111ec1ec
SM_V9_2 iris    CDS     33356636        33356698        .       -
        0       Parent=Smp_146400.2
SM_V9_2 iris    CDS     33356737        33356818        .       -
        1       Parent=Smp_146400.2
SM_V9_2 iris    CDS     33360202        33360457        .       -
        2       Parent=Smp_146400.2
SM_V9_2 iris    CDS     33363156        33363231        .       -
        0       Parent=Smp_146400.2
SM_V9_2 iris    CDS     33363266        33363339        .       -
        2       Parent=Smp_146400.2
SM_V9_2 iris    CDS     33363381        33363512        .       -
        2       Parent=Smp_146400.2
SM_V9_2 iris    CDS     33363548        33363575        .       -
        0       Parent=Smp_146400.2
SM_V9_2 Liftoff gene    33371306        33410600        .       +
        .       ID=Smp_044920;geneID=Smp_044920
SM_V9_2 Liftoff mRNA    33371306        33410600        .       +
        .
ID=Smp_044920.1;Parent=Smp_044920;geneID=Smp_044920;product=Dynamin-
1;polypeptide_domain=InterPro:IPR000375,IPR001401,IPR001849,IPR00313
0,IPR011993,IPR019762,IPR020850,IPR022812,IPR027417,IPR030381
Pfam:PF00169,PF00350,PF01031,PF02212;Ontology_term=GO:0003924,GO:000
5525
SM_V9_2 Liftoff exon    33371306        33371510        .       +
        .       Parent=Smp_044920.1
SM_V9_2 Liftoff exon    33371550        33371623        .       +
        .       Parent=Smp_044920.1
SM_V9_2 Liftoff exon    33371664        33371813        .       +
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        .       Parent=Smp_044920.1
SM_V9_2 Liftoff exon    33389138        33389276        .       +
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SM_V9_2 Liftoff exon    33389918        33390075        .       +
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        .       Parent=Smp_044920.1
SM_V9_2 Liftoff exon    33397273        33397509        .       +
        .       Parent=Smp_044920.1
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SM_V9_2 Liftoff exon    33403005        33403061        .       +
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SM_V9_2 Liftoff exon    33404004        33404162        .       +
        .       Parent=Smp_044920.1
SM_V9_2 Liftoff exon    33404383        33404597        .       +
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SM_V9_2 Liftoff exon    33409346        33410600        .       +
        .       Parent=Smp_044920.1
SM_V9_2 Liftoff CDS     33371347        33371510        .       +
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SM_V9_2 Liftoff CDS     33371550        33371623        .       +
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SM_V9_2 Liftoff CDS     33371664        33371813        .       +
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SM_V9_2 Liftoff CDS     33377945        33378247        .       +
        2       Parent=Smp_044920.1
SM_V9_2 Liftoff CDS     33383095        33383398        .       +
        2       Parent=Smp_044920.1
SM_V9_2 Liftoff CDS     33384679        33384814        .       +
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SM_V9_2 Liftoff CDS     33386865        33386932        .       +
        0       Parent=Smp_044920.1
SM_V9_2 Liftoff CDS     33389138        33389276        .       +
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SM_V9_2 Liftoff CDS     33389918        33390075        .       +
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SM_V9_2 Liftoff CDS     33392572        33392620        .       +
        1       Parent=Smp_044920.1
SM_V9_2 Liftoff CDS     33395463        33395576        .       +
        0       Parent=Smp_044920.1
SM_V9_2 Liftoff CDS     33397273        33397509        .       +
        0       Parent=Smp_044920.1
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        0       Parent=Smp_044920.1
SM_V9_2 Liftoff CDS     33403005        33403061        .       +
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SM_V9_2 Liftoff CDS     33404383        33404597        .       +
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SM_V9_2 Liftoff exon    33389138        33389276        .       +
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SM_V9_2 Liftoff exon    33404004        33404162        .       +
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SM_V9_2 Liftoff CDS     33371664        33371813        .       +
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SM_V9_2 Liftoff CDS     33377945        33378247        .       +
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SM_V9_2 Liftoff CDS     33384679        33384814        .       +
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SM_V9_2 Liftoff CDS     33386865        33386932        .       +
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SM_V9_2 Liftoff CDS     33403005        33403061        .       +
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SM_V9_2 Liftoff CDS     33404004        33404162        .       +
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SM_V9_2 Liftoff CDS     33404383        33404597        .       +
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SM_V9_2 Liftoff exon    33371664        33371813        .       +
        .       Parent=Smp_044920.3
SM_V9_2 Liftoff exon    33377945        33378247        .       +
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SM_V9_2 Liftoff exon    33383095        33383398        .       +
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SM_V9_2 Liftoff exon    33384679        33384814        .       +
        .       Parent=Smp_044920.3
SM_V9_2 Liftoff exon    33386865        33386932        .       +
        .       Parent=Smp_044920.3
SM_V9_2 Liftoff exon    33389138        33389276        .       +
        .       Parent=Smp_044920.3
SM_V9_2 Liftoff exon    33389918        33390075        .       +
        .       Parent=Smp_044920.3
SM_V9_2 Liftoff exon    33392572        33392620        .       +
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SM_V9_2 Liftoff exon    33395463        33395576        .       +
        .       Parent=Smp_044920.3
SM_V9_2 Liftoff exon    33397273        33397509        .       +
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SM_V9_2 Liftoff exon    33403005        33403061        .       +
        .       Parent=Smp_044920.3
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SM_V9_2 Liftoff CDS     33383095        33383398        .       +
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SM_V9_2 Liftoff CDS     33384679        33384814        .       +
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SM_V9_2 Liftoff CDS     33386865        33386932        .       +
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SM_V9_2 Liftoff CDS     33389138        33389276        .       +
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SM_V9_2 Liftoff CDS     33389918        33390075        .       +
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SM_V9_2 Liftoff CDS     33392572        33392620        .       +
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SM_V9_2 Liftoff CDS     33395463        33395576        .       +
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SM_V9_2 Liftoff CDS     33397273        33397509        .       +
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SM_V9_2 Liftoff CDS     33403005        33403061        .       +
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SM_V9_2 Liftoff CDS     33404004        33404162        .       +
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SM_V9_2 Liftoff CDS     33404383        33404597        .       +
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SM_V9_2 Liftoff CDS     33406708        33406812        .       +
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SM_V9_2 Liftoff CDS     33409346        33409355        .       +
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SM_V9_2 Liftoff exon    33383095        33383398        .       +
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SM_V9_2 Liftoff exon    33384679        33384814        .       +
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SM_V9_2 Liftoff exon    33386865        33386932        .       +
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SM_V9_2 Liftoff exon    33389138        33389276        .       +
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SM_V9_2 Liftoff exon    33389918        33390075        .       +
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SM_V9_2 Liftoff exon    33392572        33392620        .       +
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SM_V9_2 Liftoff exon    33395463        33395576        .       +
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        .       Parent=Smp_044920.4
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SM_V9_2 Liftoff CDS     33371664        33371813        .       +
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SM_V9_2 Liftoff CDS     33384679        33384814        .       +
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SM_V9_2 Liftoff CDS     33386865        33386932        .       +
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SM_V9_2 Liftoff CDS     33389138        33389276        .       +
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SM_V9_2 Liftoff CDS     33389918        33390075        .       +
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SM_V9_2 Liftoff CDS     33392572        33392620        .       +
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SM_V9_2 Liftoff CDS     33395463        33395576        .       +
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SM_V9_2 Liftoff CDS     33397273        33397509        .       +
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SM_V9_2 Liftoff CDS     33404383        33404597        .       +
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SM_V9_2 Liftoff CDS     33406708        33406816        .       +
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SM_V9_2 Liftoff CDS     33477850        33477936        .       +
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SM_V9_2 Liftoff CDS     33483161        33483279        .       +
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SM_V9_2 Liftoff CDS     33491631        33492722        .       +
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        .
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SM_V9_2 iris    exon    33540430        33540618        .       -
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SM_V9_2 iris    CDS     33540262        33540387        .       -
        0       Parent=Smp_146360.1
SM_V9_2 iris    CDS     33540430        33540618        .       -
        0       Parent=Smp_146360.1
SM_V9_2 iris    CDS     33545634        33545754        .       -
        1       Parent=Smp_146360.1
SM_V9_2 iris    CDS     33545792        33545946        .       -
        0       Parent=Smp_146360.1
SM_V9_2 Liftoff gene    33556759        33557285        .       -
        .       ID=Smp_337540;geneID=Smp_337540
SM_V9_2 Liftoff mRNA    33556759        33557285        .       -
        .
ID=Smp_337540.1;Parent=Smp_337540;geneID=Smp_337540;product=NADH-
quinone oxidoreductase subunit C/D
SM_V9_2 Liftoff exon    33556759        33557226        .       -
        .       Parent=Smp_337540.1
SM_V9_2 Liftoff exon    33557261        33557285        .       -
        .       Parent=Smp_337540.1
SM_V9_2 Liftoff CDS     33557102        33557226        .       -
        2       Parent=Smp_337540.1
SM_V9_2 Liftoff CDS     33557261        33557261        .       -
        0       Parent=Smp_337540.1
SM_V9_2 Liftoff gene    33578157        33578279        .       +
        .       ID=Smp_146350;geneID=Smp_146350
SM_V9_2 Liftoff mRNA    33578157        33578279        .       +
        .
ID=Smp_146350.1;Parent=Smp_146350;geneID=Smp_146350;product=Histidin
e--tRNA ligase
SM_V9_2 Liftoff exon    33578157        33578279        .       +
        .       Parent=Smp_146350.1
SM_V9_2 Liftoff CDS     33578157        33578279        .       +
        0       Parent=Smp_146350.1
SM_V9_2 Liftoff gene    33587704        33592476        .       -
        .
ID=Smp_340770;geneID=Smp_340770;previous_systematic_id=Smp_044870
SM_V9_2 Liftoff mRNA    33587704        33592476        .       -
        .
ID=Smp_340770.1;Parent=Smp_340770;geneID=Smp_340770;product=zinc
finger protein;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    33587704        33592476        .       -
        .       Parent=Smp_340770.1
SM_V9_2 Liftoff CDS     33588123        33589472        .       -
        0       Parent=Smp_340770.1
SM_V9_2 iris    gene    33615756        33628715        .       +
        .
ID=Smp_146340;geneID=Smp_146340;gene_name=Smp_146340;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    33615756        33628715        .       +
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        .
ID=Smp_146340.1;Parent=Smp_146340;geneID=Smp_146340;gene_name=Smp_14
6340;owner=irisadmin@local.host;orig_id=Smp_146340.1;date_last_modif
ied=2022-07-31;Name=Smp_146340.1;product=Probable ATP-dependent RNA
helicase DDX27;date_creation=2022-07-31
SM_V9_2 iris    exon    33615756        33615818        .       +
        .
Parent=Smp_146340.1;Name=5451b876-25de-4a84-9144-02a82c323b9e
SM_V9_2 iris    exon    33618473        33618549        .       +
        .       Parent=Smp_146340.1;Name=1ed49573-5b8a-4398-
bca6-2994ac60ed07
SM_V9_2 iris    exon    33618591        33618774        .       +
        .       Parent=Smp_146340.1;Name=7b064e4f-c25a-4f2f-8c1c-
bbef8138ee66
SM_V9_2 iris    exon    33618810        33618856        .       +
        .       Parent=Smp_146340.1;Name=7396e795-61bf-4b45-
a144-8ce77ed4e35d
SM_V9_2 iris    exon    33618892        33618981        .       +
        .       Parent=Smp_146340.1;Name=f0d1c5c3-638c-4814-
bce1-7baa58b6ed95
SM_V9_2 iris    exon    33619014        33619302        .       +
        .       Parent=Smp_146340.1;Name=27b5ba9a-5d1a-432d-
b979-25728191ba32
SM_V9_2 iris    exon    33619343        33619493        .       +
        .
Parent=Smp_146340.1;Name=fc825215-34bc-41a3-8d0c-4be6fb65fa08
SM_V9_2 iris    exon    33619525        33619624        .       +
        .       Parent=Smp_146340.1;Name=281f2150-00dd-498e-aea1-
dc212b8333c6
SM_V9_2 iris    exon    33621172        33621621        .       +
        .       Parent=Smp_146340.1;Name=5d162852-5270-4832-
a24f-64a8046aeb27
SM_V9_2 iris    exon    33623499        33623581        .       +
        .       Parent=Smp_146340.1;Name=36c1f985-4992-48f3-8966-
fc5a6968749b
SM_V9_2 iris    exon    33624507        33624601        .       +
        .       Parent=Smp_146340.1;Name=6528a206-4cb4-4b6a-b662-
e1c12ee32974
SM_V9_2 iris    exon    33625765        33625992        .       +
        .       Parent=Smp_146340.1;Name=fce8cfc2-4fcf-4dd5-a39f-
c59157c39ab4
SM_V9_2 iris    exon    33628645        33628715        .       +
        .       Parent=Smp_146340.1;Name=9a5fa136-1281-4ec8-
a9ae-39a942ad35ed
SM_V9_2 iris    CDS     33618514        33618549        .       +
        0       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33618591        33618774        .       +
        0       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33618810        33618856        .       +
        2       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33618892        33618981        .       +
        0       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33619014        33619302        .       +
        0       Parent=Smp_146340.1
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SM_V9_2 iris    CDS     33619343        33619493        .       +
        2       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33619525        33619624        .       +
        1       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33621172        33621621        .       +
        0       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33623499        33623581        .       +
        0       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33624507        33624601        .       +
        1       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33625765        33625992        .       +
        2       Parent=Smp_146340.1
SM_V9_2 iris    CDS     33628645        33628703        .       +
        2       Parent=Smp_146340.1
SM_V9_2 iris    gene    33628690        33633882        .       -
        .
ID=Smp_044850;geneID=Smp_044850;gene_name=Smp_044850;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    33628690        33633882        .       -
        .
ID=Smp_044850.1;Parent=Smp_044850;geneID=Smp_044850;gene_name=Smp_04
4850;owner=irisadmin@local.host;orig_id=Smp_044850.1;date_last_modif
ied=2022-07-31;Name=Smp_044850.1;product=Ribokinase;date_creation=20
22-07-31
SM_V9_2 iris    exon    33628690        33629010        .       -
        .
Parent=Smp_044850.1;Name=ca8fc121-0ca3-4f47-9d57-7f1eef031347
SM_V9_2 iris    exon    33630352        33630819        .       -
        .       Parent=Smp_044850.1;Name=5e7c5bb6-b7c7-4fe8-
beca-78e2d8a3433e
SM_V9_2 iris    exon    33632552        33632733        .       -
        .       Parent=Smp_044850.1;Name=85451f20-
b3f0-4f92-814d-78acdd6f6857
SM_V9_2 iris    exon    33633099        33633295        .       -
        .       Parent=Smp_044850.1;Name=35ba3860-95b7-4d3f-
a120-6f74cf7bcd8b
SM_V9_2 iris    exon    33633332        33633397        .       -
        .       Parent=Smp_044850.1;Name=edd331b1-8143-460e-94ec-
d2628ed3d8a4
SM_V9_2 iris    exon    33633593        33633882        .       -
        .       Parent=Smp_044850.1;Name=63a1c1a2-19d9-474b-89b8-
f0495a2a7d28
SM_V9_2 iris    CDS     33628813        33629010        .       -
        0       Parent=Smp_044850.1
SM_V9_2 iris    CDS     33630352        33630819        .       -
        0       Parent=Smp_044850.1
SM_V9_2 iris    CDS     33632552        33632733        .       -
        2       Parent=Smp_044850.1
SM_V9_2 iris    CDS     33633099        33633295        .       -
        1       Parent=Smp_044850.1
SM_V9_2 iris    CDS     33633332        33633384        .       -
        0       Parent=Smp_044850.1
SM_V9_2 iris    gene    33663147        33781446        .       +
        .
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ID=Smp_245900;geneID=Smp_245900;gene_name=Smp_245900;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_2 iris    mRNA    33663147        33781446        .       +
       .
ID=Smp_245900.1;Parent=Smp_245900;geneID=Smp_245900;gene_name=Smp_24
5900;owner=irisadmin@local.host;orig_id=Smp_245900.3;date_last_modif
ied=2022-07-22;Name=Smp_245900.1;product=Phosphatidylinositol-4, 5-
bisphosphate phosphodiesterase beta;date_creation=2022-07-22
SM_V9_2 iris    exon    33663147        33663190        .       +
       .
Parent=Smp_245900.1;Name=4a9f93bd-2710-4516-8104-0a8b4afd6e03
SM_V9_2 iris    exon    33665596        33665762        .       +
       .
Parent=Smp_245900.1;Name=95838b12-5f98-4ff7-91e4-5b6ddbd164c6
SM_V9_2 iris    exon    33672168        33672248        .       +
       .       Parent=Smp_245900.1;Name=f0c5022f-9eef-43d5-98d1-
d4c5006af9db
SM_V9_2 iris    exon    33673802        33673861        .       +
       .
Parent=Smp_245900.1;Name=8bf72222-2d54-4f8c-86b9-8513c34c621a
SM_V9_2 iris    exon    33691845        33691979        .       +
       .       Parent=Smp_245900.1;Name=d16878af-06f2-4efa-88d1-
eb267ec53b12
SM_V9_2 iris    exon    33696884        33696963        .       +
       .
Parent=Smp_245900.1;Name=0dd15f22-4dac-4201-8fb1-3767065392cf
SM_V9_2 iris    exon    33699083        33699218        .       +
       .
Parent=Smp_245900.1;Name=421ce8ff-3b47-45dc-9380-1f51e07a9cba
SM_V9_2 iris    exon    33699575        33699675        .       +
       .
Parent=Smp_245900.1;Name=2af9eac2-4cbc-40eb-80c5-91f9030dc717
SM_V9_2 iris    exon    33702673        33702727        .       +
       .       Parent=Smp_245900.1;Name=c4b24ac1-7e8b-4a8f-
adb9-4477f5bee106
SM_V9_2 iris    exon    33704269        33704377        .       +
       .       Parent=Smp_245900.1;Name=04f46526-
cbce-4b55-8187-1ac878c3b4ce
SM_V9_2 iris    exon    33705620        33705830        .       +
       .       Parent=Smp_245900.1;Name=d2c3adcd-0bfb-4295-8543-
ef32ae768599
SM_V9_2 iris    exon    33710049        33710142        .       +
       .       Parent=Smp_245900.1;Name=086ca38c-0c60-4799-
b68c-37a9668bd79d
SM_V9_2 iris    exon    33716321        33716400        .       +
       .       Parent=Smp_245900.1;Name=c088d419-2e95-4473-b954-
e17c40d81870
SM_V9_2 iris    exon    33721587        33721671        .       +
       .
Parent=Smp_245900.1;Name=d49fa444-5853-4b07-8b28-57f246901c25
SM_V9_2 iris    exon    33722724        33722814        .       +
       .       Parent=Smp_245900.1;Name=4bf21b5f-c0eb-4574-
b814-370528cf19d9
SM_V9_2 iris    exon    33726574        33726666        .       +
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        .       Parent=Smp_245900.1;Name=b6b02c3d-
bb13-4922-952a-4af9a395d4f0
SM_V9_2 iris    exon    33729898        33730073        .       +
        .       Parent=Smp_245900.1;Name=de044d75-bfc8-4c83-b337-
cd10a780f6b2
SM_V9_2 iris    exon    33730686        33730691        .       +
        .       Parent=Smp_245900.1;Name=3e784aa6-16f4-4d48-94a5-
f8a006e61a09
SM_V9_2 iris    exon    33731848        33731989        .       +
        .       Parent=Smp_245900.1;Name=da5f21ec-aa51-4409-971a-
b1c3acb63bc1
SM_V9_2 iris    exon    33737000        33737084        .       +
        .
Parent=Smp_245900.1;Name=e5597978-0e3c-40df-9e4f-9071bac6c0db
SM_V9_2 iris    exon    33739393        33739465        .       +
        .       Parent=Smp_245900.1;Name=2d22a0bf-3963-4e01-8230-
db358aa9436e
SM_V9_2 iris    exon    33743106        33743209        .       +
        .       Parent=Smp_245900.1;Name=932ca7f3-33bd-475d-be8c-
a536ea7caff4
SM_V9_2 iris    exon    33746803        33747073        .       +
        .       Parent=Smp_245900.1;Name=75c5852c-8b5f-4706-
b702-606b91b51146
SM_V9_2 iris    exon    33749146        33749415        .       +
        .       Parent=Smp_245900.1;Name=ea5f0624-c6d4-4654-
ac48-686fbaf6443d
SM_V9_2 iris    exon    33751590        33751809        .       +
        .       Parent=Smp_245900.1;Name=03d8c8a1-2d80-40cf-b214-
f793649c2a89
SM_V9_2 iris    exon    33754512        33754725        .       +
        .       Parent=Smp_245900.1;Name=ec52b31c-732f-402e-
a2a4-8fa0b4b93da2
SM_V9_2 iris    exon    33767740        33767785        .       +
        .
Parent=Smp_245900.1;Name=795b1b7e-07b2-4679-9ba9-8465214a4c27
SM_V9_2 iris    exon    33773753        33773872        .       +
        .       Parent=Smp_245900.1;Name=dfd49619-2ae5-45dd-a9b8-
ffae5aa31977
SM_V9_2 iris    exon    33777675        33777977        .       +
        .       Parent=Smp_245900.1;Name=b259fa5f-e0bb-4411-
bf40-33f8fb46cd7e
SM_V9_2 iris    exon    33779284        33781446        .       +
        .       Parent=Smp_245900.1;Name=f1479a8f-0aca-4c4f-bbcb-
dbb306f11672
SM_V9_2 iris    CDS     33665640        33665762        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33672168        33672248        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33673802        33673861        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33691845        33691979        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33696884        33696963        .       +
        0       Parent=Smp_245900.1
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SM_V9_2 iris    CDS     33699083        33699218        .       +
        1       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33699575        33699675        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33702673        33702727        .       +
        1       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33704269        33704377        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33705620        33705830        .       +
        2       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33710049        33710142        .       +
        1       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33716321        33716400        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33721587        33721671        .       +
        1       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33722724        33722814        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33726574        33726666        .       +
        2       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33729898        33730073        .       +
        2       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33730686        33730691        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33731848        33731989        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33737000        33737084        .       +
        2       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33739393        33739465        .       +
        1       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33743106        33743209        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33746803        33747073        .       +
        1       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33749146        33749415        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33751590        33751809        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33754512        33754725        .       +
        2       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33767740        33767785        .       +
        1       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33773753        33773872        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33777675        33777977        .       +
        0       Parent=Smp_245900.1
SM_V9_2 iris    CDS     33779284        33779352        .       +
        0       Parent=Smp_245900.1
SM_V9_2 Liftoff gene    33782548        33793377        .       -
        .       ID=Smp_044810;geneID=Smp_044810
SM_V9_2 Liftoff mRNA    33782548        33793377        .       -
        .
ID=Smp_044810.1;Parent=Smp_044810;geneID=Smp_044810;product=Zinc
finger CCCH domain-containing protein
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14;polypeptide_domain=InterPro:IPR000571
Pfam:PF14608;Ontology_term=GO:0046872
SM_V9_2 Liftoff exon    33782548        33783079        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33784649        33784848        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33786394        33787044        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33789980        33790125        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33792525        33792656        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33792691        33792734        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33792767        33792997        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33793034        33793074        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33793109        33793266        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff exon    33793311        33793377        .       -
        .       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33782736        33783079        .       -
        2       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33784649        33784848        .       -
        1       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33786394        33787044        .       -
        1       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33789980        33790125        .       -
        0       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33792525        33792656        .       -
        0       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33792691        33792734        .       -
        2       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33792767        33792997        .       -
        2       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33793034        33793074        .       -
        1       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33793109        33793266        .       -
        0       Parent=Smp_044810.1
SM_V9_2 Liftoff CDS     33793311        33793346        .       -
        0       Parent=Smp_044810.1
SM_V9_2 Liftoff gene    33796971        33828815        .       +
        .       ID=Smp_044800;geneID=Smp_044800
SM_V9_2 Liftoff mRNA    33796971        33828815        .       +
        .
ID=Smp_044800.1;Parent=Smp_044800;geneID=Smp_044800;product=Ankyrin
repeat and EF-hand domain-containing protein
1;polypeptide_domain=InterPro:IPR002110,IPR011992,IPR020683
Pfam:PF12796,PF13637;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    33796971        33800773        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33800807        33800957        .       +
        .       Parent=Smp_044800.1
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SM_V9_2 Liftoff exon    33800992        33801188        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33803797        33803988        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33805337        33805415        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33806407        33807069        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33812737        33812859        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33814567        33814686        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33819104        33819215        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33819943        33820169        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33821692        33821819        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff exon    33828412        33828815        .       +
        .       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33800579        33800773        .       +
        0       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33800807        33800957        .       +
        0       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33800992        33801188        .       +
        2       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33803797        33803988        .       +
        0       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33805337        33805415        .       +
        0       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33806407        33807069        .       +
        2       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33812737        33812859        .       +
        2       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33814567        33814686        .       +
        2       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33819104        33819215        .       +
        2       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33819943        33820169        .       +
        1       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33821692        33821819        .       +
        2       Parent=Smp_044800.1
SM_V9_2 Liftoff CDS     33828412        33828774        .       +
        0       Parent=Smp_044800.1
SM_V9_2 Liftoff gene    33835530        33852226        .       -
        .
ID=Smp_245910;geneID=Smp_245910;previous_systematic_id=Smp_146320
SM_V9_2 Liftoff mRNA    33835530        33852226        .       -
        .
ID=Smp_245910.1;Parent=Smp_245910;geneID=Smp_245910;product=exostosi
n 2;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR004263,IPR015338,IPR029044
Pfam:PF03016,PF09258;Ontology_term=GO:0006486,GO:0016021,GO:0016757
SM_V9_2 Liftoff exon    33835530        33836087        .       -
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        .       Parent=Smp_245910.1
SM_V9_2 Liftoff exon    33838989        33839102        .       -
        .       Parent=Smp_245910.1
SM_V9_2 Liftoff exon    33840677        33840843        .       -
        .       Parent=Smp_245910.1
SM_V9_2 Liftoff exon    33842035        33842224        .       -
        .       Parent=Smp_245910.1
SM_V9_2 Liftoff exon    33843106        33843334        .       -
        .       Parent=Smp_245910.1
SM_V9_2 Liftoff exon    33847612        33847986        .       -
        .       Parent=Smp_245910.1
SM_V9_2 Liftoff exon    33850419        33850601        .       -
        .       Parent=Smp_245910.1
SM_V9_2 Liftoff exon    33851523        33852226        .       -
        .       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33835758        33836087        .       -
        0       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33838989        33839102        .       -
        0       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33840677        33840843        .       -
        2       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33842035        33842224        .       -
        0       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33843106        33843334        .       -
        1       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33847612        33847986        .       -
        1       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33850419        33850601        .       -
        1       Parent=Smp_245910.1
SM_V9_2 Liftoff CDS     33851523        33852016        .       -
        0       Parent=Smp_245910.1
SM_V9_2 iris    gene    33855241        33863240        .       -
        .
ID=Smp_245920;geneID=Smp_245920;gene_name=Smp_245920;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_2 iris    mRNA    33855241        33863240        .       -
        .
ID=Smp_245920.1;Parent=Smp_245920;geneID=Smp_245920;gene_name=Smp_24
5920;owner=irisadmin@local.host;orig_id=Smp_245920.1;date_last_modif
ied=2022-07-21;Name=Smp_245920.1;product=Zinc finger CCHC domain-
containing protein 4;date_creation=2022-07-21
SM_V9_2 iris    exon    33855241        33855437        .       -
        .       Parent=Smp_245920.1;Name=266d748b-85ab-41e8-94c1-
d0cca7503482
SM_V9_2 iris    exon    33859114        33859189        .       -
        .       Parent=Smp_245920.1;Name=b21a96d5-0fff-4183-
a53e-94599c33418b
SM_V9_2 iris    exon    33860293        33860477        .       -
        .       Parent=Smp_245920.1;Name=26fba9b3-ca35-42c3-92ab-
b911b5cc475b
SM_V9_2 iris    exon    33860513        33860634        .       -
        .       Parent=Smp_245920.1;Name=478fc331-a0ea-4628-a9f7-
e5b01447c68c
SM_V9_2 iris    exon    33860670        33860898        .       -
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        .       Parent=Smp_245920.1;Name=57bf9062-494b-49af-aee5-
a3e9e685f316
SM_V9_2 iris    exon    33860931        33861104        .       -
        .       Parent=Smp_245920.1;Name=94fff15f-83de-4fb3-
bdb2-50710434c117
SM_V9_2 iris    exon    33861142        33861516        .       -
        .       Parent=Smp_245920.1;Name=56738008-2335-44b7-
b41a-5750436c3cad
SM_V9_2 iris    exon    33863179        33863240        .       -
        .       Parent=Smp_245920.1;Name=6dd36b18-bbbb-4080-8031-
fcf9048454f8
SM_V9_2 iris    CDS     33855282        33855437        .       -
        0       Parent=Smp_245920.1
SM_V9_2 iris    CDS     33859114        33859189        .       -
        1       Parent=Smp_245920.1
SM_V9_2 iris    CDS     33860293        33860477        .       -
        0       Parent=Smp_245920.1
SM_V9_2 iris    CDS     33860513        33860634        .       -
        2       Parent=Smp_245920.1
SM_V9_2 iris    CDS     33860670        33860898        .       -
        0       Parent=Smp_245920.1
SM_V9_2 iris    CDS     33860931        33861104        .       -
        0       Parent=Smp_245920.1
SM_V9_2 iris    CDS     33861142        33861516        .       -
        0       Parent=Smp_245920.1
SM_V9_2 iris    CDS     33863179        33863190        .       -
        0       Parent=Smp_245920.1
SM_V9_2 iris    gene    33881351        33882327        .       +
        .
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    33881351        33882327        .       +
        .
ID=Smp_335350.1;Parent=Smp_335350;geneID=Smp_335350;gene_name=Smp_33
5350;owner=irisadmin@local.host;orig_id=Smp_335350.1;date_last_modif
ied=2022-07-31;Name=Smp_335350.1;product=Uncharacterized protein
K02A2.6;date_creation=2022-07-31
SM_V9_2 iris    exon    33881351        33881516        .       +
        .       Parent=Smp_335350.1;Name=e112a007-f983-4c10-
b482-208420ec497e
SM_V9_2 iris    exon    33881552        33882327        .       +
        .       Parent=Smp_335350.1;Name=85f09ab9-faf5-4ff5-afd2-
bc139e27e90c
SM_V9_2 iris    CDS     33881353        33881516        .       +
        0       Parent=Smp_335350.1
SM_V9_2 iris    CDS     33881552        33882017        .       +
        1       Parent=Smp_335350.1
SM_V9_2 iris    gene    33887490        33892783        .       -
        .
ID=Smp_146310;geneID=Smp_146310;gene_name=Smp_146310;owner=irisadmin
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SM_V9_2 iris    mRNA    33887490        33892783        .       -
        .
ID=Smp_146310.1;Parent=Smp_146310;geneID=Smp_146310;gene_name=Smp_14
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6310;owner=irisadmin@local.host;orig_id=Smp_146310.1;date_last_modif
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exonuclease 1;date_creation=2022-07-31
SM_V9_2 iris    exon    33887490        33888742        .       -
        .
Parent=Smp_146310.1;Name=dffdfd83-936c-454e-9b27-4aa87b41ef84
SM_V9_2 iris    exon    33888781        33889003        .       -
        .       Parent=Smp_146310.1;Name=6dff6a9c-5bc5-412e-
ad88-7a758ce3d505
SM_V9_2 iris    exon    33889039        33889097        .       -
        .       Parent=Smp_146310.1;Name=d0c16d11-ca15-45fb-a3cf-
a8bc3b1d29ac
SM_V9_2 iris    exon    33892744        33892783        .       -
        .       Parent=Smp_146310.1;Name=ba117bd5-7e76-4272-
a338-24090ea3bba1
SM_V9_2 iris    CDS     33888078        33888742        .       -
        2       Parent=Smp_146310.1
SM_V9_2 iris    CDS     33888781        33889003        .       -
        0       Parent=Smp_146310.1
SM_V9_2 iris    CDS     33889039        33889059        .       -
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SM_V9_2 iris    gene    33904934        33928500        .       -
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ID=Smp_128520;geneID=Smp_128520;gene_name=Smp_128520;owner=irisadmin
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SM_V9_2 iris    mRNA    33904934        33928500        .       -
        .
ID=Smp_128520.1;Parent=Smp_128520;geneID=Smp_128520;gene_name=Smp_12
8520;owner=irisadmin@local.host;orig_id=Smp_128520.1;date_last_modif
ied=2022-07-21;Name=Smp_128520.1;product=Uncharacterized transporter
YNL095C;date_creation=2022-07-21
SM_V9_2 iris    exon    33904934        33905541        .       -
        .       Parent=Smp_128520.1;Name=2b4f3fd0-5dbb-4e9b-837e-
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SM_V9_2 iris    exon    33926915        33928500        .       -
        .       Parent=Smp_128520.1;Name=54615e5c-7df3-4fd6-8e03-
b547097c1b2b
SM_V9_2 iris    CDS     33905498        33905541        .       -
        2       Parent=Smp_128520.1
SM_V9_2 iris    CDS     33926915        33928442        .       -
        0       Parent=Smp_128520.1
SM_V9_2 iris    gene    33929927        33947669        .       +
        .
ID=Smp_128530;geneID=Smp_128530;gene_name=Smp_128530;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_2 iris    mRNA    33929927        33947669        .       +
        .
ID=Smp_128530.1;Parent=Smp_128530;geneID=Smp_128530;gene_name=Smp_12
8530;owner=irisadmin@local.host;orig_id=Smp_128530.1;date_last_modif
ied=2022-07-21;Name=Smp_128530.1;product=Uncharacterized transporter
YNL095C;date_creation=2022-07-21
SM_V9_2 iris    exon    33929927        33931515        .       +
        .       Parent=Smp_128530.1;Name=31b5db7d-bc01-43c3-a17f-
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        .       Parent=Smp_128530.1;Name=6cbfeb7e-99eb-425c-a3d2-
eeff5411063a
SM_V9_2 iris    CDS     33929988        33931515        .       +
        0       Parent=Smp_128530.1
SM_V9_2 iris    CDS     33947182        33947189        .       +
        2       Parent=Smp_128530.1
SM_V9_2 iris    gene    34010200        34012490        .       -
        .
ID=Smp_328380;geneID=Smp_328380;gene_name=Smp_328380;owner=irisadmin
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SM_V9_2 iris    mRNA    34010200        34012490        .       -
        .
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ied=2022-07-31;Name=Smp_328380.1;product=Phosphate permease
PHO89;date_creation=2022-07-31
SM_V9_2 iris    exon    34010200        34010705        .       -
        .
Parent=Smp_328380.1;Name=2833c5bb-68d1-4d51-9cee-007c2a61a708
SM_V9_2 iris    exon    34011189        34011248        .       -
        .       Parent=Smp_328380.1;Name=c83b54fa-fc5d-4b52-9b23-
bf164d36db2d
SM_V9_2 iris    exon    34011811        34011827        .       -
        .       Parent=Smp_328380.1;Name=17bcb5c0-44c3-4807-be3f-
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SM_V9_2 iris    exon    34012421        34012490        .       -
        .
Parent=Smp_328380.1;Name=e80951d8-6cd3-4427-8cbb-1e1103cca048
SM_V9_2 iris    CDS     34010631        34010705        .       -
        0       Parent=Smp_328380.1
SM_V9_2 iris    CDS     34011189        34011248        .       -
        0       Parent=Smp_328380.1
SM_V9_2 iris    CDS     34011811        34011827        .       -
        2       Parent=Smp_328380.1
SM_V9_2 iris    CDS     34012421        34012478        .       -
        0       Parent=Smp_328380.1
SM_V9_2 iris    gene    34073104        34078098        .       +
        .
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@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_2 iris    mRNA    34073104        34078098        .       +
        .
ID=Smp_337570.1;Parent=Smp_337570;geneID=Smp_337570;gene_name=Smp_33
7570;owner=irisadmin@local.host;orig_id=Smp_337570.1;date_last_modif
ied=2022-07-21;Name=Smp_337570.1;product=BLOC-1-related complex
subunit 6;date_creation=2022-07-21
SM_V9_2 iris    exon    34073104        34073223        .       +
        .       Parent=Smp_337570.1;Name=ede15047-ec06-4dde-
aa28-468ed78205cb
SM_V9_2 iris    exon    34074866        34074949        .       +
        .
Parent=Smp_337570.1;Name=eb668210-41b5-4ae9-8d05-7bce893d6093
SM_V9_2 iris    exon    34075826        34075902        .       +
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        .       Parent=Smp_337570.1;Name=d2ff363d-8b48-43de-b8ed-
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        .       Parent=Smp_337570.1;Name=f6a57aec-8f6a-4e7e-
b629-313a9d1e047a
SM_V9_2 iris    CDS     34073116        34073223        .       +
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SM_V9_2 iris    CDS     34074866        34074949        .       +
        0       Parent=Smp_337570.1
SM_V9_2 iris    CDS     34075826        34075902        .       +
        0       Parent=Smp_337570.1
SM_V9_2 iris    CDS     34077907        34077967        .       +
        1       Parent=Smp_337570.1
SM_V9_2 Liftoff gene    34079100        34092540        .       -
        .
ID=Smp_343870;geneID=Smp_343870;previous_systematic_id=Smp_145730
SM_V9_2 Liftoff mRNA    34079100        34092540        .       -
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ID=Smp_343870.1;Parent=Smp_343870;geneID=Smp_343870;product=Neurogen
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3;polypeptide_domain=InterPro:IPR000742,IPR013032
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SM_V9_2 Liftoff exon    34080049        34080445        .       -
        .       Parent=Smp_343870.1
SM_V9_2 Liftoff exon    34083918        34084171        .       -
        .       Parent=Smp_343870.1
SM_V9_2 Liftoff exon    34090397        34090742        .       -
        .       Parent=Smp_343870.1
SM_V9_2 Liftoff exon    34092061        34092540        .       -
        .       Parent=Smp_343870.1
SM_V9_2 Liftoff CDS     34079288        34079647        .       -
        0       Parent=Smp_343870.1
SM_V9_2 Liftoff CDS     34080049        34080445        .       -
        1       Parent=Smp_343870.1
SM_V9_2 Liftoff CDS     34083918        34084171        .       -
        0       Parent=Smp_343870.1
SM_V9_2 Liftoff CDS     34090397        34090742        .       -
        1       Parent=Smp_343870.1
SM_V9_2 Liftoff CDS     34092061        34092503        .       -
        0       Parent=Smp_343870.1
SM_V9_2 Liftoff gene    34094314        34095420        .       +
        .       ID=Smp_328390;geneID=Smp_328390
SM_V9_2 Liftoff mRNA    34094314        34095420        .       +
        .
ID=Smp_328390.1;Parent=Smp_328390;geneID=Smp_328390;product=Multifun
ctional CCA protein
SM_V9_2 Liftoff exon    34094314        34094499        .       +
        .       Parent=Smp_328390.1
SM_V9_2 Liftoff exon    34094901        34095420        .       +
        .       Parent=Smp_328390.1
SM_V9_2 Liftoff CDS     34094368        34094499        .       +
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SM_V9_2 Liftoff CDS     34094901        34095260        .       +
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SM_V9_2 Liftoff mRNA    34096081        34103060        .       -
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ID=Smp_043780.1;Parent=Smp_043780;geneID=Smp_043780;product=Protein
FAM173B;polypeptide_domain=InterPro:IPR029063
SM_V9_2 Liftoff exon    34096081        34096812        .       -
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SM_V9_2 Liftoff exon    34097764        34097973        .       -
        .       Parent=Smp_043780.1
SM_V9_2 Liftoff exon    34101037        34103060        .       -
        .       Parent=Smp_043780.1
SM_V9_2 Liftoff CDS     34096672        34096812        .       -
        0       Parent=Smp_043780.1
SM_V9_2 Liftoff CDS     34097764        34097973        .       -
        0       Parent=Smp_043780.1
SM_V9_2 Liftoff CDS     34101037        34101336        .       -
        0       Parent=Smp_043780.1
SM_V9_2 iris    gene    34112298        34120772        .       +
        .
ID=Smp_145740;geneID=Smp_145740;gene_name=Smp_145740;owner=irisadmin
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SM_V9_2 iris    mRNA    34112298        34120772        .       +
        .
ID=Smp_145740.1;Parent=Smp_145740;geneID=Smp_145740;gene_name=Smp_14
5740;owner=irisadmin@local.host;orig_id=Smp_145740.1;date_last_modif
ied=2022-07-31;Name=Smp_145740.1;product=Cell division control
protein 6 homolog;date_creation=2022-07-30
SM_V9_2 iris    exon    34112298        34112340        .       +
        .       Parent=Smp_145740.1;Name=23161a92-344b-4214-
a381-8142da13d502
SM_V9_2 iris    exon    34114478        34115296        .       +
        .       Parent=Smp_145740.1;Name=dba041d0-
d816-4020-90d0-45fbe3d58c16
SM_V9_2 iris    exon    34115994        34116234        .       +
        .       Parent=Smp_145740.1;Name=1dd4bac3-087b-40ff-
b8fc-8b5cf66342ca
SM_V9_2 iris    exon    34117913        34118095        .       +
        .       Parent=Smp_145740.1;Name=75c66af2-2982-4415-80eb-
ddba87ef6b1d
SM_V9_2 iris    exon    34120099        34120772        .       +
        .
Parent=Smp_145740.1;Name=8cd61a33-881b-446e-911b-29cd31430fc2
SM_V9_2 iris    CDS     34114548        34115296        .       +
        0       Parent=Smp_145740.1
SM_V9_2 iris    CDS     34115994        34116234        .       +
        1       Parent=Smp_145740.1
SM_V9_2 iris    CDS     34117913        34118095        .       +
        0       Parent=Smp_145740.1
SM_V9_2 iris    CDS     34120099        34120500        .       +
        0       Parent=Smp_145740.1
SM_V9_2 Liftoff gene    34174780        34175349        .       -
        .       ID=Smp_328400;geneID=Smp_328400
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SM_V9_2 Liftoff mRNA    34174780        34175349        .       -
        .
ID=Smp_328400.1;Parent=Smp_328400;geneID=Smp_328400;product=Membrane
protein insertase YidC
SM_V9_2 Liftoff exon    34174780        34175349        .       -
        .       Parent=Smp_328400.1
SM_V9_2 Liftoff CDS     34174914        34175216        .       -
        0       Parent=Smp_328400.1
SM_V9_2 Liftoff gene    34189798        34219960        .       -
        .
ID=Smp_318800;geneID=Smp_318800;previous_systematic_id=Smp_043820,Sm
p_145750,Smp_179870
SM_V9_2 Liftoff mRNA    34189798        34219960        .       -
        .
ID=Smp_318800.1;Parent=Smp_318800;geneID=Smp_318800;product=Transmem
brane protein 62;polypeptide_domain=InterPro:IPR004843,IPR029052
Pfam:PF00149;Ontology_term=GO:0016787
SM_V9_2 Liftoff exon    34189798        34190508        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34190979        34191097        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34192090        34192194        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34196328        34196409        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34201767        34201880        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34205313        34205502        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34208031        34208207        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34213622        34213747        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34215483        34215607        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34216979        34217126        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34219072        34219117        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34219151        34219288        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34219322        34219433        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff exon    34219469        34219960        .       -
        .       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34190143        34190508        .       -
        0       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34190979        34191097        .       -
        2       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34192090        34192194        .       -
        2       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34196328        34196409        .       -
        0       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34201767        34201880        .       -
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        0       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34205313        34205502        .       -
        1       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34208031        34208207        .       -
        1       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34213622        34213747        .       -
        1       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34215483        34215607        .       -
        0       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34216979        34217126        .       -
        1       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34219072        34219117        .       -
        2       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34219151        34219288        .       -
        2       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34219322        34219433        .       -
        0       Parent=Smp_318800.1
SM_V9_2 Liftoff CDS     34219469        34219636        .       -
        0       Parent=Smp_318800.1
SM_V9_2 iris    gene    34225808        34290999        .       +
        .
ID=Smp_318910;geneID=Smp_318910;gene_name=Smp_318910;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34225808        34290999        .       +
        .
ID=Smp_318910.1;Parent=Smp_318910;geneID=Smp_318910;gene_name=Smp_31
8910;owner=irisadmin@local.host;orig_id=Smp_318910.1;date_last_modif
ied=2022-07-31;Name=Smp_318910.1;product=Protein
FAM13A;date_creation=2022-07-30
SM_V9_2 iris    exon    34225808        34225907        .       +
        .       Parent=Smp_318910.1;Name=3b1ee779-
b3f7-43f4-9bd4-9a585c34d539
SM_V9_2 iris    exon    34228543        34228812        .       +
        .
Parent=Smp_318910.1;Name=18860daf-24ee-4f9b-8d9d-90ee1c1c063f
SM_V9_2 iris    exon    34229114        34229554        .       +
        .       Parent=Smp_318910.1;Name=f1e36272-8ea5-4aeb-
add1-619e71dff424
SM_V9_2 iris    exon    34244396        34244608        .       +
        .       Parent=Smp_318910.1;Name=e420bc0d-55a4-4cc9-8bd3-
ce62cdadc9c1
SM_V9_2 iris    exon    34254228        34254439        .       +
        .       Parent=Smp_318910.1;Name=3f53318b-0f81-4477-
b632-296642ceb952
SM_V9_2 iris    exon    34276092        34276566        .       +
        .
Parent=Smp_318910.1;Name=9edc0dd9-84f4-44cd-988c-667a0f73333d
SM_V9_2 iris    exon    34279571        34279777        .       +
        .       Parent=Smp_318910.1;Name=4dfb0d40-9830-475f-96b8-
cbfd0e62cb0e
SM_V9_2 iris    exon    34282014        34282305        .       +
        .       Parent=Smp_318910.1;Name=f03e2032-0675-4669-
b716-9a13afe13dcf
SM_V9_2 iris    exon    34282683        34282885        .       +
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        .       Parent=Smp_318910.1;Name=6254b216-
e242-41f8-8636-9485d53eb65e
SM_V9_2 iris    exon    34285605        34286424        .       +
        .       Parent=Smp_318910.1;Name=98f603c5-268f-4dd2-
bd65-61551e63da38
SM_V9_2 iris    exon    34287065        34287488        .       +
        .       Parent=Smp_318910.1;Name=bda73ec1-
ef86-44ca-9444-8aa5e57e5881
SM_V9_2 iris    exon    34288285        34288427        .       +
        .       Parent=Smp_318910.1;Name=d1939218-c8dd-45d3-8e9d-
fbdb1d921e0a
SM_V9_2 iris    exon    34289619        34290999        .       +
        .       Parent=Smp_318910.1;Name=2c9bb898-a130-466c-a5dc-
ff119aa1b116
SM_V9_2 iris    CDS     34229123        34229554        .       +
        0       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34244396        34244608        .       +
        0       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34254228        34254439        .       +
        0       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34276092        34276566        .       +
        1       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34279571        34279777        .       +
        0       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34282014        34282305        .       +
        0       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34282683        34282885        .       +
        2       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34285605        34286424        .       +
        0       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34287065        34287488        .       +
        2       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34288285        34288427        .       +
        1       Parent=Smp_318910.1
SM_V9_2 iris    CDS     34289619        34289734        .       +
        2       Parent=Smp_318910.1
SM_V9_2 Liftoff gene    34322617        34373323        .       +
        .
ID=Smp_333920;geneID=Smp_333920;previous_systematic_id=Smp_147550
SM_V9_2 Liftoff mRNA    34322617        34373323        .       +
        .
ID=Smp_333920.1;Parent=Smp_333920;geneID=Smp_333920;product=Potassiu
m channel subfamily K member
18;polypeptide_domain=InterPro:IPR003280,IPR013099
Pfam:PF07885;Ontology_term=GO:0005267,GO:0016020,GO:0071805
SM_V9_2 Liftoff exon    34322617        34324077        .       +
        .       Parent=Smp_333920.1
SM_V9_2 Liftoff exon    34365207        34366262        .       +
        .       Parent=Smp_333920.1
SM_V9_2 Liftoff exon    34372842        34373323        .       +
        .       Parent=Smp_333920.1
SM_V9_2 Liftoff CDS     34322700        34324077        .       +
        0       Parent=Smp_333920.1
SM_V9_2 Liftoff CDS     34365207        34366262        .       +
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        2       Parent=Smp_333920.1
SM_V9_2 Liftoff CDS     34372842        34373026        .       +
        2       Parent=Smp_333920.1
SM_V9_2 iris    gene    34379845        34395660        .       -
        .
ID=Smp_047360;geneID=Smp_047360;gene_name=Smp_047360;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34379845        34395660        .       -
        .
ID=Smp_047360.1;Parent=Smp_047360;geneID=Smp_047360;gene_name=Smp_04
7360;owner=irisadmin@local.host;orig_id=Smp_047360.3;date_last_modif
ied=2022-07-31;Name=Smp_047360.1;product=UBX domain-containing
protein 1-B;date_creation=2022-07-30
SM_V9_2 iris    exon    34379845        34380301        .       -
        .
Parent=Smp_047360.1;Name=63d6edfa-4834-484f-9f23-2618d38face4
SM_V9_2 iris    exon    34385052        34385349        .       -
        .
Parent=Smp_047360.1;Name=92560a6c-61e8-448d-9514-822c17d80531
SM_V9_2 iris    exon    34390757        34390799        .       -
        .       Parent=Smp_047360.1;Name=cc02096d-
f417-40c7-85a4-11b3e4e029ca
SM_V9_2 iris    exon    34393519        34393703        .       -
        .       Parent=Smp_047360.1;Name=d314bfdd-e119-4688-
bae2-3310800a2fe9
SM_V9_2 iris    exon    34394989        34395127        .       -
        .       Parent=Smp_047360.1;Name=41a47bb9-
efa2-4843-89a0-39f0bd24cda2
SM_V9_2 iris    exon    34395162        34395225        .       -
        .       Parent=Smp_047360.1;Name=201ea5c7-308d-4f00-84eb-
cecf7597d0ae
SM_V9_2 iris    exon    34395267        34395301        .       -
        .       Parent=Smp_047360.1;Name=5bb117b0-0a89-45ca-85e2-
ee650a1ab3cb
SM_V9_2 iris    exon    34395340        34395393        .       -
        .       Parent=Smp_047360.1;Name=b13c6f82-
b6a1-4ad0-8185-098556f533d2
SM_V9_2 iris    exon    34395431        34395518        .       -
        .       Parent=Smp_047360.1;Name=38db8f77-b38b-4035-
bcec-399be0974ef9
SM_V9_2 iris    exon    34395567        34395660        .       -
        .       Parent=Smp_047360.1;Name=1634463e-1f5d-48a0-b64b-
c043597ad188
SM_V9_2 iris    CDS     34380255        34380301        .       -
        2       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34385052        34385349        .       -
        0       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34390757        34390799        .       -
        1       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34393519        34393703        .       -
        0       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34394989        34395127        .       -
        1       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34395162        34395225        .       -
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        2       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34395267        34395301        .       -
        1       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34395340        34395393        .       -
        1       Parent=Smp_047360.1
SM_V9_2 iris    CDS     34395431        34395483        .       -
        0       Parent=Smp_047360.1
SM_V9_2 iris    gene    34404255        34412190        .       +
        .
ID=Smp_047370;geneID=Smp_047370;gene_name=Smp_047370;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    34404255        34412190        .       +
        .
ID=Smp_047370.1;Parent=Smp_047370;geneID=Smp_047370;gene_name=Smp_04
7370;owner=irisadmin@local.host;orig_id=Smp_047370.1;date_last_modif
ied=2022-08-24;Name=Smp_047370.1;product=malate dehydrogenase
mitochondrial;date_creation=2022-08-24
SM_V9_2 iris    exon    34404255        34404428        .       +
        .       Parent=Smp_047370.1;Name=2542d4ac-
cdc5-436a-986d-762d2c041fc5
SM_V9_2 iris    exon    34404470        34404722        .       +
        .       Parent=Smp_047370.1;Name=e65d5b98-79e3-4401-9854-
c98762476ced
SM_V9_2 iris    exon    34406973        34407208        .       +
        .       Parent=Smp_047370.1;Name=c5948b59-fc17-4411-
b728-6d145fa2841f
SM_V9_2 iris    exon    34407248        34407352        .       +
        .       Parent=Smp_047370.1;Name=f8a1291f-6179-4207-bcbc-
f5a1c3d411db
SM_V9_2 iris    exon    34408424        34408495        .       +
        .       Parent=Smp_047370.1;Name=a27f775a-a863-47e9-
a6c5-3ac95d00c31f
SM_V9_2 iris    exon    34410512        34410664        .       +
        .       Parent=Smp_047370.1;Name=f1501123-ab3a-4026-
a951-9edc0b9d7709
SM_V9_2 iris    exon    34411577        34412190        .       +
        .       Parent=Smp_047370.1;Name=73dde593-f1a8-4d8a-
b07c-9b1ca8bc1d99
SM_V9_2 iris    CDS     34404360        34404428        .       +
        0       Parent=Smp_047370.1
SM_V9_2 iris    CDS     34404470        34404722        .       +
        0       Parent=Smp_047370.1
SM_V9_2 iris    CDS     34406973        34407208        .       +
        2       Parent=Smp_047370.1
SM_V9_2 iris    CDS     34407248        34407352        .       +
        0       Parent=Smp_047370.1
SM_V9_2 iris    CDS     34408424        34408495        .       +
        0       Parent=Smp_047370.1
SM_V9_2 iris    CDS     34410512        34410664        .       +
        0       Parent=Smp_047370.1
SM_V9_2 iris    CDS     34411577        34411714        .       +
        0       Parent=Smp_047370.1
SM_V9_2 iris    gene    34440877        34470927        .       +
        .
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ID=Smp_147560;geneID=Smp_147560;gene_name=Smp_147560;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34440877        34470927        .       +
       .
ID=Smp_147560.1;Parent=Smp_147560;geneID=Smp_147560;gene_name=Smp_14
7560;owner=irisadmin@local.host;orig_id=Smp_147560.1;date_last_modif
ied=2022-07-31;Name=Smp_147560.1;product=Mediator of RNA polymerase
II transcription subunit 13;date_creation=2022-07-30
SM_V9_2 iris    exon    34440877        34441183        .       +
       .       Parent=Smp_147560.1;Name=ac843fb5-fd13-4452-
beb0-02f7c30ac479
SM_V9_2 iris    exon    34441261        34441610        .       +
       .       Parent=Smp_147560.1;Name=1be02493-928a-4293-
a704-5bbd771ccaf3
SM_V9_2 iris    exon    34441645        34441722        .       +
       .       Parent=Smp_147560.1;Name=dd4252b0-35b6-4b5b-8a1a-
c8a58d68210e
SM_V9_2 iris    exon    34441758        34441903        .       +
       .       Parent=Smp_147560.1;Name=bc7610c6-c147-40bf-91f2-
bd12230f55c0
SM_V9_2 iris    exon    34443417        34443713        .       +
       .
Parent=Smp_147560.1;Name=3cc866cd-7ed3-494f-89fb-44561e3c2368
SM_V9_2 iris    exon    34445732        34446284        .       +
       .
Parent=Smp_147560.1;Name=d4a2528e-264d-44bc-80d5-2f7d8f8003a6
SM_V9_2 iris    exon    34446815        34447190        .       +
       .       Parent=Smp_147560.1;Name=db107e95-00e8-4231-
b058-8b329c5ce3f9
SM_V9_2 iris    exon    34448343        34448701        .       +
       .       Parent=Smp_147560.1;Name=6a0fc520-
db1e-4b47-984d-34faf79679c2
SM_V9_2 iris    exon    34450677        34450804        .       +
       .       Parent=Smp_147560.1;Name=734ce009-dca8-4d25-b132-
a7fb52eabddd
SM_V9_2 iris    exon    34450878        34451050        .       +
       .       Parent=Smp_147560.1;Name=23d17e31-e7c7-4a5c-
a097-5d3161497df4
SM_V9_2 iris    exon    34452118        34452480        .       +
       .       Parent=Smp_147560.1;Name=364257c9-73c3-4931-
a8da-6c1347654298
SM_V9_2 iris    exon    34453035        34454040        .       +
       .       Parent=Smp_147560.1;Name=7ce2f519-9af2-4b58-
b7d7-8c77b47e4828
SM_V9_2 iris    exon    34455095        34455306        .       +
       .
Parent=Smp_147560.1;Name=fa47e9ee-5e7f-4c8a-83ce-02d67922e5d1
SM_V9_2 iris    exon    34456792        34457004        .       +
       .       Parent=Smp_147560.1;Name=dd659d7c-
d404-4dc8-905d-64b92da2b636
SM_V9_2 iris    exon    34457415        34457715        .       +
       .       Parent=Smp_147560.1;Name=cf2f82a8-66d5-476d-
a8f5-7572fdb7bb9d
SM_V9_2 iris    exon    34458444        34458901        .       +
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        .
Parent=Smp_147560.1;Name=fa42152a-8d8d-4bc4-8d3b-68b54f1cad15
SM_V9_2 iris    exon    34460158        34460445        .       +
        .       Parent=Smp_147560.1;Name=445c7894-74b1-4258-8113-
b74716f70b8c
SM_V9_2 iris    exon    34463583        34463988        .       +
        .       Parent=Smp_147560.1;Name=3fd69ae1-dedd-44ba-a69e-
f1742bc60d44
SM_V9_2 iris    exon    34465752        34466272        .       +
        .       Parent=Smp_147560.1;Name=e41fdc31-
fde5-466e-9aff-89cc13702a1e
SM_V9_2 iris    exon    34467848        34468324        .       +
        .       Parent=Smp_147560.1;Name=c03c5a49-5ca8-435e-858d-
f25dbdb45cd0
SM_V9_2 iris    exon    34469148        34470927        .       +
        .
Parent=Smp_147560.1;Name=777e89d7-2e70-4b9b-8aec-8a2c10951b29
SM_V9_2 iris    CDS     34441109        34441183        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34441261        34441610        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34441645        34441722        .       +
        1       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34441758        34441903        .       +
        1       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34443417        34443713        .       +
        2       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34445732        34446284        .       +
        2       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34446815        34447190        .       +
        1       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34448343        34448701        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34450677        34450804        .       +
        1       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34450878        34451050        .       +
        2       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34452118        34452480        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34453035        34454040        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34455095        34455306        .       +
        2       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34456792        34457004        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34457415        34457715        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34458444        34458901        .       +
        2       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34460158        34460445        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34463583        34463988        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34465752        34466272        .       +
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        2       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34467848        34468324        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    CDS     34469148        34469570        .       +
        0       Parent=Smp_147560.1
SM_V9_2 iris    gene    34512212        34514903        .       -
        .
ID=Smp_047400;geneID=Smp_047400;gene_name=Smp_047400;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34512212        34514903        .       -
        .
ID=Smp_047400.1;Parent=Smp_047400;geneID=Smp_047400;gene_name=Smp_04
7400;owner=irisadmin@local.host;orig_id=Smp_047400.2;date_last_modif
ied=2022-07-31;Name=Smp_047400.1;product=Cell division cycle-
associated protein 3;date_creation=2022-07-30
SM_V9_2 iris    exon    34512212        34512605        .       -
        .       Parent=Smp_047400.1;Name=dfbc66e5-3aaa-4806-b777-
d9cb7f507e66
SM_V9_2 iris    exon    34514472        34514612        .       -
        .       Parent=Smp_047400.1;Name=04dd32cb-a5b2-4857-
a651-7330ffcecac7
SM_V9_2 iris    exon    34514655        34514903        .       -
        .       Parent=Smp_047400.1;Name=6d9e6205-
f49b-49ba-88af-747ff12b670d
SM_V9_2 iris    CDS     34512418        34512605        .       -
        2       Parent=Smp_047400.1
SM_V9_2 iris    CDS     34514472        34514612        .       -
        2       Parent=Smp_047400.1
SM_V9_2 iris    CDS     34514655        34514862        .       -
        0       Parent=Smp_047400.1
SM_V9_2 iris    gene    34519378        34530993        .       -
        .
ID=Smp_047410;geneID=Smp_047410;gene_name=Smp_047410;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34519378        34530993        .       -
        .
ID=Smp_047410.1;Parent=Smp_047410;geneID=Smp_047410;gene_name=Smp_04
7410;owner=irisadmin@local.host;orig_id=Smp_047410.1;date_last_modif
ied=2022-07-31;Name=Smp_047410.1;product=E3 ubiquitin-protein ligase
AMFR;date_creation=2022-07-30
SM_V9_2 iris    exon    34519378        34520009        .       -
        .
Parent=Smp_047410.1;Name=ab946457-1aa4-46fd-8153-5c85659eb400
SM_V9_2 iris    exon    34522921        34523274        .       -
        .       Parent=Smp_047410.1;Name=2f558b97-56ff-4a43-
ba67-515ff82d72a6
SM_V9_2 iris    exon    34524931        34525185        .       -
        .       Parent=Smp_047410.1;Name=ea62019c-cb06-4eba-
b99f-33e6a6e190af
SM_V9_2 iris    exon    34526804        34527370        .       -
        .       Parent=Smp_047410.1;Name=404327ea-4b77-49cc-
b902-2c52f94feb75
SM_V9_2 iris    exon    34529978        34530829        .       -
        .       Parent=Smp_047410.1;Name=4fdf8d1b-a981-420c-959e-
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b7f1b01c82d8
SM_V9_2 iris    exon    34530869        34530993        .       -
        .       Parent=Smp_047410.1;Name=96ccb868-825d-4ef8-83cc-
d5530bcfe114
SM_V9_2 iris    CDS     34519857        34520009        .       -
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SM_V9_2 iris    CDS     34522921        34523274        .       -
        0       Parent=Smp_047410.1
SM_V9_2 iris    CDS     34524931        34525185        .       -
        0       Parent=Smp_047410.1
SM_V9_2 iris    CDS     34526804        34527370        .       -
        0       Parent=Smp_047410.1
SM_V9_2 iris    CDS     34529978        34530829        .       -
        0       Parent=Smp_047410.1
SM_V9_2 iris    CDS     34530869        34530934        .       -
        0       Parent=Smp_047410.1
SM_V9_2 iris    gene    34538012        34557313        .       -
        .
ID=Smp_147570;geneID=Smp_147570;gene_name=Smp_147570;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34538012        34557313        .       -
        .
ID=Smp_147570.1;Parent=Smp_147570;geneID=Smp_147570;gene_name=Smp_14
7570;owner=irisadmin@local.host;orig_id=Smp_147570.1;date_last_modif
ied=2022-07-31;Name=Smp_147570.1;product=Protein MCM10
homolog;date_creation=2022-07-30
SM_V9_2 iris    exon    34538012        34538359        .       -
        .       Parent=Smp_147570.1;Name=f0e30e42-5f7d-4526-b417-
a48a481ce3bc
SM_V9_2 iris    exon    34540360        34540402        .       -
        .       Parent=Smp_147570.1;Name=51154a8b-f649-42b9-8a90-
f003fa6daac6
SM_V9_2 iris    exon    34541457        34541605        .       -
        .
Parent=Smp_147570.1;Name=3125b1ab-26ec-498e-83c5-61797bdc089f
SM_V9_2 iris    exon    34543779        34544097        .       -
        .       Parent=Smp_147570.1;Name=9b42b0bf-5c9e-4584-
b41a-2ca2e61d4edd
SM_V9_2 iris    exon    34545492        34546313        .       -
        .       Parent=Smp_147570.1;Name=a0eb74c2-
cf35-4794-8784-4af8d9532d82
SM_V9_2 iris    exon    34547680        34547814        .       -
        .       Parent=Smp_147570.1;Name=35c07c45-9ef1-4b31-98db-
fa61f2b5f09e
SM_V9_2 iris    exon    34548664        34548747        .       -
        .
Parent=Smp_147570.1;Name=dd851d66-9d8d-4768-9fec-62ac77dd6fbe
SM_V9_2 iris    exon    34550107        34550243        .       -
        .
Parent=Smp_147570.1;Name=78b0e26c-41bf-4633-9e88-497cad8f98d7
SM_V9_2 iris    exon    34552079        34552436        .       -
        .       Parent=Smp_147570.1;Name=07b19b45-
ddb0-473b-9974-843d6bcdffed
SM_V9_2 iris    exon    34553358        34553505        .       -
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        .       Parent=Smp_147570.1;Name=9f2aa593-06aa-4288-a20a-
d1429c1b4af2
SM_V9_2 iris    exon    34553794        34554033        .       -
        .       Parent=Smp_147570.1;Name=9627ad17-941e-4548-b707-
f846140767fb
SM_V9_2 iris    exon    34555345        34555503        .       -
        .       Parent=Smp_147570.1;Name=768f42d8-de25-4536-
ad93-7ed1a0fff53e
SM_V9_2 iris    exon    34556974        34557313        .       -
        .       Parent=Smp_147570.1;Name=a6b2e112-bed2-4d90-
ba94-89b056c6e2a0
SM_V9_2 iris    CDS     34538288        34538359        .       -
        0       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34540360        34540402        .       -
        1       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34541457        34541605        .       -
        0       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34543779        34544097        .       -
        1       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34545492        34546313        .       -
        1       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34547680        34547814        .       -
        1       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34548664        34548747        .       -
        1       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34550107        34550243        .       -
        0       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34552079        34552436        .       -
        1       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34553358        34553505        .       -
        2       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34553794        34554033        .       -
        2       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34555345        34555503        .       -
        2       Parent=Smp_147570.1
SM_V9_2 iris    CDS     34556974        34557232        .       -
        0       Parent=Smp_147570.1
SM_V9_2 Liftoff gene    34561860        34568283        .       -
        .       ID=Smp_047440;geneID=Smp_047440
SM_V9_2 Liftoff mRNA    34561860        34568283        .       -
        .
ID=Smp_047440.1;Parent=Smp_047440;geneID=Smp_047440;product=Zinc
finger CCHC domain-containing protein
8;polypeptide_domain=InterPro:IPR006568 Pfam:PF04046
SM_V9_2 Liftoff exon    34561860        34562603        .       -
        .       Parent=Smp_047440.1
SM_V9_2 Liftoff exon    34563883        34564083        .       -
        .       Parent=Smp_047440.1
SM_V9_2 Liftoff exon    34567776        34567939        .       -
        .       Parent=Smp_047440.1
SM_V9_2 Liftoff exon    34567984        34568139        .       -
        .       Parent=Smp_047440.1
SM_V9_2 Liftoff exon    34568176        34568283        .       -
        .       Parent=Smp_047440.1
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SM_V9_2 Liftoff CDS     34562107        34562603        .       -
        2       Parent=Smp_047440.1
SM_V9_2 Liftoff CDS     34563883        34564083        .       -
        2       Parent=Smp_047440.1
SM_V9_2 Liftoff CDS     34567776        34567939        .       -
        1       Parent=Smp_047440.1
SM_V9_2 Liftoff CDS     34567984        34568139        .       -
        1       Parent=Smp_047440.1
SM_V9_2 Liftoff CDS     34568176        34568228        .       -
        0       Parent=Smp_047440.1
SM_V9_2 Liftoff gene    34579829        34584653        .       -
        .       ID=Smp_328410;geneID=Smp_328410
SM_V9_2 Liftoff mRNA    34579829        34584653        .       -
        .
ID=Smp_328410.1;Parent=Smp_328410;geneID=Smp_328410;product=Zinc
finger CCHC domain-containing protein
8;polypeptide_domain=InterPro:IPR006568 Pfam:PF04046
SM_V9_2 Liftoff exon    34579829        34580697        .       -
        .       Parent=Smp_328410.1
SM_V9_2 Liftoff exon    34584130        34584293        .       -
        .       Parent=Smp_328410.1
SM_V9_2 Liftoff exon    34584338        34584493        .       -
        .       Parent=Smp_328410.1
SM_V9_2 Liftoff exon    34584530        34584653        .       -
        .       Parent=Smp_328410.1
SM_V9_2 Liftoff CDS     34580483        34580697        .       -
        2       Parent=Smp_328410.1
SM_V9_2 Liftoff CDS     34584130        34584293        .       -
        1       Parent=Smp_328410.1
SM_V9_2 Liftoff CDS     34584338        34584493        .       -
        1       Parent=Smp_328410.1
SM_V9_2 Liftoff CDS     34584530        34584582        .       -
        0       Parent=Smp_328410.1
SM_V9_2 Liftoff gene    34596187        34605173        .       -
        .       ID=Smp_047450;geneID=Smp_047450
SM_V9_2 Liftoff mRNA    34596187        34605173        .       -
        .
ID=Smp_047450.1;Parent=Smp_047450;geneID=Smp_047450;product=Synaptob
revin homolog
YKT6;polypeptide_domain=InterPro:IPR001388,IPR010908,IPR011012
Pfam:PF00957,PF13774;Ontology_term=GO:0006810,GO:0016021,GO:0016192
SM_V9_2 Liftoff exon    34596187        34597051        .       -
        .       Parent=Smp_047450.1
SM_V9_2 Liftoff exon    34597621        34597722        .       -
        .       Parent=Smp_047450.1
SM_V9_2 Liftoff exon    34600771        34600882        .       -
        .       Parent=Smp_047450.1
SM_V9_2 Liftoff exon    34602292        34602350        .       -
        .       Parent=Smp_047450.1
SM_V9_2 Liftoff exon    34603156        34603256        .       -
        .       Parent=Smp_047450.1
SM_V9_2 Liftoff exon    34603296        34605173        .       -
        .       Parent=Smp_047450.1
SM_V9_2 Liftoff CDS     34597016        34597051        .       -
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        0       Parent=Smp_047450.1
SM_V9_2 Liftoff CDS     34597621        34597722        .       -
        0       Parent=Smp_047450.1
SM_V9_2 Liftoff CDS     34600771        34600882        .       -
        1       Parent=Smp_047450.1
SM_V9_2 Liftoff CDS     34602292        34602350        .       -
        0       Parent=Smp_047450.1
SM_V9_2 Liftoff CDS     34603156        34603256        .       -
        2       Parent=Smp_047450.1
SM_V9_2 Liftoff CDS     34603296        34603482        .       -
        0       Parent=Smp_047450.1
SM_V9_2 Liftoff gene    34611835        34643863        .       -
        .       ID=Smp_047460;geneID=Smp_047460
SM_V9_2 Liftoff mRNA    34611835        34643863        .       -
        .
ID=Smp_047460.1;Parent=Smp_047460;geneID=Smp_047460;product=Protein
SpAN;polypeptide_domain=InterPro:IPR001506,IPR003582,IPR006026,IPR02
4079
Pfam:PF01400,PF01549;Ontology_term=GO:0004222,GO:0006508,GO:0008237,
GO:0008270
SM_V9_2 Liftoff exon    34611835        34612376        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34614057        34614687        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34617600        34618015        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34620369        34620542        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34621597        34621674        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34623473        34623605        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34627358        34627561        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34632639        34632711        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34638947        34639088        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff exon    34643545        34643863        .       -
        .       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34612207        34612376        .       -
        2       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34614057        34614687        .       -
        0       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34617600        34618015        .       -
        2       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34620369        34620542        .       -
        2       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34621597        34621674        .       -
        2       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34623473        34623605        .       -
        0       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34627358        34627561        .       -
        0       Parent=Smp_047460.1
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SM_V9_2 Liftoff CDS     34632639        34632711        .       -
        1       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34638947        34639088        .       -
        2       Parent=Smp_047460.1
SM_V9_2 Liftoff CDS     34643545        34643764        .       -
        0       Parent=Smp_047460.1
SM_V9_2 iris    gene    34666349        34719853        .       -
        .
ID=Smp_147590;geneID=Smp_147590;gene_name=Smp_147590;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34666349        34719853        .       -
        .
ID=Smp_147590.1;Parent=Smp_147590;geneID=Smp_147590;gene_name=Smp_14
7590;owner=irisadmin@local.host;orig_id=Smp_147590.2;date_last_modif
ied=2022-07-31;Name=Smp_147590.1;product=Nitrate reductase [NADH],
clone PBNBR1405;date_creation=2022-07-30
SM_V9_2 iris    exon    34666349        34667589        .       -
        .       Parent=Smp_147590.1;Name=607c640d-6185-4a36-8e90-
df329ec27d1c
SM_V9_2 iris    exon    34669357        34669609        .       -
        .       Parent=Smp_147590.1;Name=c45fff60-3360-423a-a6c7-
ee5c580232b5
SM_V9_2 iris    exon    34670370        34670471        .       -
        .       Parent=Smp_147590.1;Name=e39cd855-15d8-434a-
a722-005a29b354bc
SM_V9_2 iris    exon    34672313        34672393        .       -
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Parent=Smp_147590.1;Name=58adf828-42c3-443e-95ea-13bf1d1ed3b3
SM_V9_2 iris    exon    34674089        34675043        .       -
        .       Parent=Smp_147590.1;Name=6bac2d6f-e3d7-44a5-
abb1-5ec902b9905c
SM_V9_2 iris    exon    34678492        34678715        .       -
        .       Parent=Smp_147590.1;Name=7791698b-2f76-42bb-
a1a4-2154c00e64e2
SM_V9_2 iris    exon    34680160        34680564        .       -
        .
Parent=Smp_147590.1;Name=244042a0-198a-470d-9fe2-06dd17bca4bb
SM_V9_2 iris    exon    34682303        34682790        .       -
        .       Parent=Smp_147590.1;Name=6d2c8e52-5be1-4a65-a4d9-
a01e02c67df6
SM_V9_2 iris    exon    34684807        34684979        .       -
        .       Parent=Smp_147590.1;Name=82a131d9-e26a-4d48-ba44-
fa92c1e6513c
SM_V9_2 iris    exon    34686182        34686344        .       -
        .       Parent=Smp_147590.1;Name=764b7c92-75f1-4a47-b295-
db9de2d7efaf
SM_V9_2 iris    exon    34687711        34687823        .       -
        .       Parent=Smp_147590.1;Name=8ffa0b7e-d09d-4d7d-9acc-
b0657f844802
SM_V9_2 iris    exon    34689539        34689901        .       -
        .       Parent=Smp_147590.1;Name=f42ed7df-def8-4355-ad67-
f638873ae5c5
SM_V9_2 iris    exon    34690603        34691004        .       -
        .       Parent=Smp_147590.1;Name=c8f8d815-90a6-48c7-
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a055-89dfb90f034d
SM_V9_2 iris    exon    34692234        34692463        .       -
        .       Parent=Smp_147590.1;Name=7b4e781f-4ccb-4e03-9692-
c62ab1e736fa
SM_V9_2 iris    exon    34693185        34693711        .       -
        .
Parent=Smp_147590.1;Name=cde69834-041c-4bd4-8f51-08695e7dc979
SM_V9_2 iris    exon    34702623        34702788        .       -
        .       Parent=Smp_147590.1;Name=c57056b7-b963-4da0-
bdaa-84e74998f740
SM_V9_2 iris    exon    34703508        34703608        .       -
        .       Parent=Smp_147590.1;Name=1ef07d8a-12bb-4bb6-a39b-
fad92dd616ca
SM_V9_2 iris    exon    34711723        34712397        .       -
        .       Parent=Smp_147590.1;Name=4614e87f-3fe2-457b-811f-
d9b7980ca2e4
SM_V9_2 iris    exon    34715408        34715557        .       -
        .
Parent=Smp_147590.1;Name=e3d1f17b-85d3-484f-92c4-74b84ae113dc
SM_V9_2 iris    exon    34717512        34717789        .       -
        .       Parent=Smp_147590.1;Name=8cada12b-
c92c-4070-9099-18d5a6e1135b
SM_V9_2 iris    exon    34719770        34719853        .       -
        .       Parent=Smp_147590.1;Name=fa713311-da1d-4c89-a0c6-
fb331b1ce9db
SM_V9_2 iris    CDS     34667404        34667589        .       -
        0       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34669357        34669609        .       -
        1       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34670370        34670471        .       -
        1       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34672313        34672393        .       -
        1       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34674089        34675043        .       -
        2       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34678492        34678715        .       -
        1       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34680160        34680564        .       -
        1       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34682303        34682790        .       -
        0       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34684807        34684979        .       -
        2       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34686182        34686344        .       -
        0       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34687711        34687823        .       -
        2       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34689539        34689901        .       -
        2       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34690603        34691004        .       -
        2       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34692234        34692463        .       -
        1       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34693185        34693711        .       -
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        0       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34702623        34702788        .       -
        1       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34703508        34703608        .       -
        0       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34711723        34712397        .       -
        0       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34715408        34715557        .       -
        0       Parent=Smp_147590.1
SM_V9_2 iris    CDS     34717512        34717784        .       -
        0       Parent=Smp_147590.1
SM_V9_2 Liftoff gene    34724577        34731937        .       +
        .       ID=Smp_047500;geneID=Smp_047500
SM_V9_2 Liftoff mRNA    34724577        34731937        .       +
        .
ID=Smp_047500.1;Parent=Smp_047500;geneID=Smp_047500;product=F-box
only protein
28;polypeptide_domain=InterPro:IPR001810,IPR032675;Ontology_term=GO:
0005515
SM_V9_2 Liftoff exon    34724577        34724681        .       +
        .       Parent=Smp_047500.1
SM_V9_2 Liftoff exon    34724714        34724859        .       +
        .       Parent=Smp_047500.1
SM_V9_2 Liftoff exon    34724892        34725157        .       +
        .       Parent=Smp_047500.1
SM_V9_2 Liftoff exon    34726163        34726311        .       +
        .       Parent=Smp_047500.1
SM_V9_2 Liftoff exon    34727562        34727779        .       +
        .       Parent=Smp_047500.1
SM_V9_2 Liftoff exon    34731458        34731937        .       +
        .       Parent=Smp_047500.1
SM_V9_2 Liftoff CDS     34724586        34724681        .       +
        0       Parent=Smp_047500.1
SM_V9_2 Liftoff CDS     34724714        34724859        .       +
        0       Parent=Smp_047500.1
SM_V9_2 Liftoff CDS     34724892        34725157        .       +
        1       Parent=Smp_047500.1
SM_V9_2 Liftoff CDS     34726163        34726311        .       +
        2       Parent=Smp_047500.1
SM_V9_2 Liftoff CDS     34727562        34727779        .       +
        0       Parent=Smp_047500.1
SM_V9_2 Liftoff CDS     34731458        34731725        .       +
        1       Parent=Smp_047500.1
SM_V9_2 Liftoff gene    34734479        34744483        .       -
        .
ID=Smp_213320;geneID=Smp_213320;previous_systematic_id=Smp_147600
SM_V9_2 Liftoff mRNA    34734479        34744483        .       -
        .
ID=Smp_213320.1;Parent=Smp_213320;geneID=Smp_213320;product=2',3'-
cyclic-nucleotide 3'-
phosphodiesterase;polypeptide_domain=InterPro:IPR008431,IPR009097,IP
R027417
Pfam:PF05881,PF13671;Ontology_term=GO:0004113,GO:0009214,GO:0016020
SM_V9_2 Liftoff exon    34734479        34735515        .       -
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        .       Parent=Smp_213320.1
SM_V9_2 Liftoff exon    34737827        34738141        .       -
        .       Parent=Smp_213320.1
SM_V9_2 Liftoff exon    34739823        34740399        .       -
        .       Parent=Smp_213320.1
SM_V9_2 Liftoff exon    34742666        34744483        .       -
        .       Parent=Smp_213320.1
SM_V9_2 Liftoff CDS     34735127        34735515        .       -
        2       Parent=Smp_213320.1
SM_V9_2 Liftoff CDS     34737827        34738141        .       -
        2       Parent=Smp_213320.1
SM_V9_2 Liftoff CDS     34739823        34740399        .       -
        0       Parent=Smp_213320.1
SM_V9_2 Liftoff CDS     34742666        34743079        .       -
        0       Parent=Smp_213320.1
SM_V9_2 Liftoff mRNA    34734479        34744483        .       -
        .
ID=Smp_213320.2;Parent=Smp_213320;geneID=Smp_213320;product=2',3'-
cyclic-nucleotide 3'-
phosphodiesterase;polypeptide_domain=InterPro:IPR008431,IPR009097,IP
R027417
Pfam:PF05881,PF13671;Ontology_term=GO:0004113,GO:0009214,GO:0016020
SM_V9_2 Liftoff exon    34734479        34735515        .       -
        .       Parent=Smp_213320.2
SM_V9_2 Liftoff exon    34737827        34738141        .       -
        .       Parent=Smp_213320.2
SM_V9_2 Liftoff exon    34739823        34740399        .       -
        .       Parent=Smp_213320.2
SM_V9_2 Liftoff exon    34742666        34744483        .       -
        .       Parent=Smp_213320.2
SM_V9_2 Liftoff CDS     34735127        34735515        .       -
        2       Parent=Smp_213320.2
SM_V9_2 Liftoff CDS     34737827        34738141        .       -
        2       Parent=Smp_213320.2
SM_V9_2 Liftoff CDS     34739823        34740399        .       -
        0       Parent=Smp_213320.2
SM_V9_2 Liftoff CDS     34742666        34742746        .       -
        0       Parent=Smp_213320.2
SM_V9_2 Liftoff mRNA    34734479        34744483        .       -
        .
ID=Smp_213320.3;Parent=Smp_213320;geneID=Smp_213320;product=2',3'-
cyclic-nucleotide 3'-
phosphodiesterase;polypeptide_domain=InterPro:IPR008431,IPR009097,IP
R027417
Pfam:PF05881,PF13671;Ontology_term=GO:0004113,GO:0009214,GO:0016020
SM_V9_2 Liftoff exon    34734479        34735515        .       -
        .       Parent=Smp_213320.3
SM_V9_2 Liftoff exon    34737827        34738141        .       -
        .       Parent=Smp_213320.3
SM_V9_2 Liftoff exon    34739823        34740399        .       -
        .       Parent=Smp_213320.3
SM_V9_2 Liftoff exon    34742666        34743167        .       -
        .       Parent=Smp_213320.3
SM_V9_2 Liftoff exon    34744349        34744483        .       -
```

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        .       Parent=Smp_213320.3
SM_V9_2 Liftoff CDS     34735127        34735515        .       -
        2       Parent=Smp_213320.3
SM_V9_2 Liftoff CDS     34737827        34738141        .       -
        2       Parent=Smp_213320.3
SM_V9_2 Liftoff CDS     34739823        34740399        .       -
        0       Parent=Smp_213320.3
SM_V9_2 Liftoff CDS     34742666        34743167        .       -
        1       Parent=Smp_213320.3
SM_V9_2 Liftoff CDS     34744349        34744398        .       -
        0       Parent=Smp_213320.3
SM_V9_2 iris    gene    34751018        34771015        .       -
        .
ID=Smp_347420;geneID=Smp_347420;gene_name=Smp_347420;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34751018        34771015        .       -
        .
ID=Smp_347420.1;Parent=Smp_347420;geneID=Smp_347420;gene_name=Smp_34
7420;owner=irisadmin@local.host;orig_id=Smp_347420.1;date_last_modif
ied=2022-07-31;Name=Smp_347420.1;product=Brain-enriched guanylate
kinase-associated protein;date_creation=2022-07-30
SM_V9_2 iris    exon    34751018        34753122        .       -
        .       Parent=Smp_347420.1;Name=2dff34f7-62cb-4b2e-a0b4-
ef752cbfa5ec
SM_V9_2 iris    exon    34758523        34758606        .       -
        .       Parent=Smp_347420.1;Name=560601a6-aaf9-403b-965e-
b5b25128c4de
SM_V9_2 iris    exon    34760794        34760901        .       -
        .       Parent=Smp_347420.1;Name=14cfce6e-4ec0-4468-
aecb-0d403e620f96
SM_V9_2 iris    exon    34763010        34763076        .       -
        .       Parent=Smp_347420.1;Name=c2ea0e2f-70a8-47cc-
a513-883846261b66
SM_V9_2 iris    exon    34768977        34769141        .       -
        .       Parent=Smp_347420.1;Name=32743b50-8594-4f76-
b93a-8277b61ff66e
SM_V9_2 iris    exon    34770825        34771015        .       -
        .
Parent=Smp_347420.1;Name=8ac82804-5cb3-4424-9f18-0593962fd6f4
SM_V9_2 iris    CDS     34752820        34753122        .       -
        0       Parent=Smp_347420.1
SM_V9_2 iris    CDS     34758523        34758606        .       -
        0       Parent=Smp_347420.1
SM_V9_2 iris    CDS     34760794        34760901        .       -
        0       Parent=Smp_347420.1
SM_V9_2 iris    CDS     34763010        34763076        .       -
        1       Parent=Smp_347420.1
SM_V9_2 iris    CDS     34768977        34769141        .       -
        1       Parent=Smp_347420.1
SM_V9_2 iris    CDS     34770825        34770844        .       -
        0       Parent=Smp_347420.1
SM_V9_2 iris    gene    34772877        34813941        .       +
        .
ID=Smp_047540;geneID=Smp_047540;gene_name=Smp_047540;owner=irisadmin
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34772877        34795635        .       +
        .
ID=Smp_047540.2;Parent=Smp_047540;geneID=Smp_047540;gene_name=Smp_04
7540;owner=irisadmin@local.host;date_last_modified=2022-07-31;Name=S
mp_047540.2;product=F-box/WD repeat-containing protein
pof1;date_creation=2022-07-30
SM_V9_2 iris    exon    34772877        34773024        .       +
        .       Parent=Smp_047540.2;Name=cb743e5c-
e116-4de3-8ea4-71385b6c653b
SM_V9_2 iris    exon    34776016        34776061        .       +
        .       Parent=Smp_047540.2;Name=3b224497-be0a-431a-
ab3b-265260c7f154
SM_V9_2 iris    exon    34778047        34778110        .       +
        .       Parent=Smp_047540.2;Name=2e8c2152-db79-403f-
b6d0-25c46912e394
SM_V9_2 iris    exon    34781711        34781776        .       +
        .       Parent=Smp_047540.2;Name=e952211a-9099-4a20-8871-
f60b893a3398
SM_V9_2 iris    exon    34785347        34785491        .       +
        .       Parent=Smp_047540.2;Name=6f09d265-fed7-43df-88b9-
bff4b03b88a6
SM_V9_2 iris    exon    34788942        34789165        .       +
        .       Parent=Smp_047540.2;Name=e4a16750-74cb-42f9-
b81b-7bee47ac2c47
SM_V9_2 iris    exon    34790769        34790859        .       +
        .       Parent=Smp_047540.2;Name=0e2eb470-74e6-4267-ba96-
b1fa0dadb023
SM_V9_2 iris    exon    34792362        34795635        .       +
        .       Parent=Smp_047540.2;Name=df65c162-ba39-4768-
bf43-295e8a7b61d7
SM_V9_2 iris    CDS     34776021        34776061        .       +
        0       Parent=Smp_047540.2
SM_V9_2 iris    CDS     34778047        34778110        .       +
        1       Parent=Smp_047540.2
SM_V9_2 iris    CDS     34781711        34781776        .       +
        0       Parent=Smp_047540.2
SM_V9_2 iris    CDS     34785347        34785491        .       +
        0       Parent=Smp_047540.2
SM_V9_2 iris    CDS     34788942        34789165        .       +
        2       Parent=Smp_047540.2
SM_V9_2 iris    CDS     34790769        34790859        .       +
        0       Parent=Smp_047540.2
SM_V9_2 iris    CDS     34792362        34792819        .       +
        2       Parent=Smp_047540.2
SM_V9_2 iris    mRNA    34772877        34813941        .       +
        .
ID=Smp_047540.1;Parent=Smp_047540;geneID=Smp_047540;gene_name=Smp_04
7540;owner=irisadmin@local.host;orig_id=Smp_047540.1;date_last_modif
ied=2022-07-31;Name=Smp_047540.1;product=F-box/WD repeat-containing
protein pof1;date_creation=2022-07-30
SM_V9_2 iris    exon    34772877        34773024        .       +
        .       Parent=Smp_047540.1;Name=ccbda76e-a11f-408f-be13-
afc6defaec03
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SM_V9_2 iris    exon    34776016        34776061        .       +
        .
Parent=Smp_047540.1;Name=1080dba6-2bc1-4432-9217-8a7382ad34c1
SM_V9_2 iris    exon    34778047        34778110        .       +
        .       Parent=Smp_047540.1;Name=11bebebd-6c6d-4bab-b7b3-
e8bc63c6e856
SM_V9_2 iris    exon    34781711        34781776        .       +
        .       Parent=Smp_047540.1;Name=c1709e0e-ae5f-4ce6-acb9-
cf528175fab2
SM_V9_2 iris    exon    34785347        34785491        .       +
        .       Parent=Smp_047540.1;Name=1abe6a32-
bff4-4d4d-96ad-2b7e330ca989
SM_V9_2 iris    exon    34788942        34789165        .       +
        .       Parent=Smp_047540.1;Name=35e51fa6-01c3-4c36-
a216-22da62f4da87
SM_V9_2 iris    exon    34790769        34790859        .       +
        .       Parent=Smp_047540.1;Name=178829e6-a03f-4664-a461-
c803c0706262
SM_V9_2 iris    exon    34792362        34792804        .       +
        .       Parent=Smp_047540.1;Name=24347e61-0f4c-4baf-
a563-89d34bf063af
SM_V9_2 iris    exon    34807353        34807441        .       +
        .       Parent=Smp_047540.1;Name=3d737ec7-9f15-4593-a0c9-
e952fe1576cb
SM_V9_2 iris    exon    34808704        34808782        .       +
        .       Parent=Smp_047540.1;Name=0c409ddf-5166-4464-
a0ee-724a8ca881d5
SM_V9_2 iris    exon    34810733        34811137        .       +
        .       Parent=Smp_047540.1;Name=68ee03ec-f7d0-48a0-
a04a-62bfab4953f3
SM_V9_2 iris    exon    34813223        34813941        .       +
        .       Parent=Smp_047540.1;Name=8412dd5f-c720-4d7d-
afbb-150f06bbfc38
SM_V9_2 iris    CDS     34776021        34776061        .       +
        0       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34778047        34778110        .       +
        1       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34781711        34781776        .       +
        0       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34785347        34785491        .       +
        0       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34788942        34789165        .       +
        2       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34790769        34790859        .       +
        0       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34792362        34792804        .       +
        2       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34807353        34807441        .       +
        0       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34808704        34808782        .       +
        1       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34810733        34811137        .       +
        0       Parent=Smp_047540.1
SM_V9_2 iris    CDS     34813223        34813366        .       +
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        0       Parent=Smp_047540.1
SM_V9_2 Liftoff gene    34822127        34826221        .       +
        .       ID=Smp_047550;geneID=Smp_047550
SM_V9_2 Liftoff mRNA    34822127        34826221        .       +
        .
ID=Smp_047550.1;Parent=Smp_047550;geneID=Smp_047550;product=MORN
repeat-containing protein 3;polypeptide_domain=InterPro:IPR003409
Pfam:PF02493
SM_V9_2 Liftoff exon    34822127        34822434        .       +
        .       Parent=Smp_047550.1
SM_V9_2 Liftoff exon    34823783        34823937        .       +
        .       Parent=Smp_047550.1
SM_V9_2 Liftoff exon    34823974        34824133        .       +
        .       Parent=Smp_047550.1
SM_V9_2 Liftoff exon    34824166        34824350        .       +
        .       Parent=Smp_047550.1
SM_V9_2 Liftoff exon    34826030        34826221        .       +
        .       Parent=Smp_047550.1
SM_V9_2 Liftoff CDS     34822296        34822434        .       +
        0       Parent=Smp_047550.1
SM_V9_2 Liftoff CDS     34823783        34823937        .       +
        2       Parent=Smp_047550.1
SM_V9_2 Liftoff CDS     34823974        34824133        .       +
        0       Parent=Smp_047550.1
SM_V9_2 Liftoff CDS     34824166        34824350        .       +
        2       Parent=Smp_047550.1
SM_V9_2 Liftoff CDS     34826030        34826119        .       +
        0       Parent=Smp_047550.1
SM_V9_2 Liftoff gene    34826226        34845343        .       -
        .
ID=Smp_211100;geneID=Smp_211100;previous_systematic_id=Smp_047560
SM_V9_2 Liftoff mRNA    34826226        34845343        .       -
        .
ID=Smp_211100.1;Parent=Smp_211100;geneID=Smp_211100;product=Inner
nuclear membrane protein
Man1;polypeptide_domain=InterPro:IPR003887,IPR011015,IPR018996,IPR03
4394 Pfam:PF03020,PF09402;Ontology_term=GO:0005639
SM_V9_2 Liftoff exon    34826226        34826633        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34829418        34829496        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34831848        34831953        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34832104        34832185        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34833529        34833656        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34835295        34835397        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34836295        34836530        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34839435        34839660        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34840132        34840210        .       -
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        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34840254        34840318        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34841317        34841639        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34842395        34842950        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff exon    34844878        34845343        .       -
        .       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34826530        34826633        .       -
        2       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34829418        34829496        .       -
        0       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34831848        34831953        .       -
        1       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34832104        34832185        .       -
        2       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34833529        34833656        .       -
        1       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34835295        34835397        .       -
        2       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34836295        34836530        .       -
        1       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34839435        34839660        .       -
        2       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34840132        34840210        .       -
        0       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34840254        34840318        .       -
        2       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34841317        34841639        .       -
        1       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34842395        34842950        .       -
        2       Parent=Smp_211100.1
SM_V9_2 Liftoff CDS     34844878        34845175        .       -
        0       Parent=Smp_211100.1
SM_V9_2 Liftoff gene    34850063        34863253        .       -
        .
ID=Smp_311610;geneID=Smp_311610;previous_systematic_id=Smp_047560,Sm
p_047570,Smp_211090
SM_V9_2 Liftoff mRNA    34850063        34862392        .       -
        .
ID=Smp_311610.1;Parent=Smp_311610;geneID=Smp_311610;product=Peptide
chain release factor
1;polypeptide_domain=InterPro:IPR000352,IPR005139
Pfam:PF00472,PF03462;Ontology_term=GO:0003747,GO:0006415
SM_V9_2 Liftoff exon    34850063        34850400        .       -
        .       Parent=Smp_311610.1
SM_V9_2 Liftoff exon    34852925        34853118        .       -
        .       Parent=Smp_311610.1
SM_V9_2 Liftoff exon    34856442        34856849        .       -
        .       Parent=Smp_311610.1
SM_V9_2 Liftoff exon    34858542        34858645        .       -
        .       Parent=Smp_311610.1
SM_V9_2 Liftoff exon    34860222        34860328        .       -
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SM_V9_2 Liftoff exon    34862185        34862392        .       -
        .       Parent=Smp_311610.1
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SM_V9_2 Liftoff CDS     34852925        34853118        .       -
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SM_V9_2 Liftoff CDS     34856442        34856849        .       -
        0       Parent=Smp_311610.1
SM_V9_2 Liftoff CDS     34858542        34858645        .       -
        2       Parent=Smp_311610.1
SM_V9_2 Liftoff CDS     34860222        34860328        .       -
        1       Parent=Smp_311610.1
SM_V9_2 Liftoff CDS     34862185        34862390        .       -
        0       Parent=Smp_311610.1
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@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    34862429        34863272        .       -
        .
ID=Smp_197890.1;Parent=Smp_197890;geneID=Smp_197890;gene_name=Smp_19
7890;owner=irisadmin@local.host;date_last_modified=2022-08-24;Name=S
mp_197890.1;date_creation=2022-08-24
SM_V9_2 iris    exon    34862429        34862681        .       -
        .       Parent=Smp_197890.1;Name=Smp_197890.1-CDS
SM_V9_2 iris    exon    34862713        34862892        .       -
        .       Parent=Smp_197890.1;Name=e29039a4-ace6-4b57-b7f5-
b16066b1cd21
SM_V9_2 iris    exon    34862930        34863272        .       -
        .       Parent=Smp_197890.1;Name=bdb92519-
d4de-4532-8376-3188e4dbddc3
SM_V9_2 iris    CDS     34862490        34862681        .       -
        0       Parent=Smp_197890.1
SM_V9_2 iris    CDS     34862713        34862892        .       -
        0       Parent=Smp_197890.1
SM_V9_2 iris    CDS     34862930        34863211        .       -
        0       Parent=Smp_197890.1
SM_V9_2 iris    gene    34875575        34888969        .       +
        .
ID=Smp_210330;geneID=Smp_210330;gene_name=Smp_210330;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34875575        34888969        .       +
        .
ID=Smp_210330.1;Parent=Smp_210330;geneID=Smp_210330;gene_name=Smp_21
0330;owner=irisadmin@local.host;orig_id=Smp_210330.1;date_last_modif
ied=2022-07-31;Name=Smp_210330.1;product=Transmembrane protein
185B;date_creation=2022-07-30
SM_V9_2 iris    exon    34875575        34875645        .       +
        .       Parent=Smp_210330.1;Name=67606b03-55a6-4e2f-
b66e-6bdd6d6e0541
SM_V9_2 iris    exon    34883661        34885058        .       +
        .       Parent=Smp_210330.1;Name=6b821e46-de1e-4b51-
b6a1-05ea0aa9ea2f
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SM_V9_2 iris    exon    34886942        34888969        .       +
        .       Parent=Smp_210330.1;Name=1ad78bb9-
a568-42f3-9257-0819fefeaffc
SM_V9_2 iris    CDS     34883824        34885058        .       +
        0       Parent=Smp_210330.1
SM_V9_2 iris    CDS     34886942        34887188        .       +
        1       Parent=Smp_210330.1
SM_V9_2 iris    gene    34902744        34906003        .       +
        .
ID=Smp_210320;geneID=Smp_210320;gene_name=Smp_210320;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    34902744        34906003        .       +
        .
ID=Smp_210320.1;Parent=Smp_210320;geneID=Smp_210320;gene_name=Smp_21
0320;owner=irisadmin@local.host;orig_id=Smp_210320.1;date_last_modif
ied=2022-07-31;Name=Smp_210320.1;product=Homocysteine S-
methyltransferase YbgG;date_creation=2022-07-30
SM_V9_2 iris    exon    34902744        34903099        .       +
        .       Parent=Smp_210320.1;Name=fb5f3dd0-9a39-48e9-
a251-20409fde4b7a
SM_V9_2 iris    exon    34904441        34904957        .       +
        .       Parent=Smp_210320.1;Name=02f96adb-7419-4741-be5c-
d47ca5a3f5be
SM_V9_2 iris    exon    34905467        34906003        .       +
        .       Parent=Smp_210320.1;Name=97765e84-
ab2a-49cb-9eca-8a7380083157
SM_V9_2 iris    CDS     34902924        34903099        .       +
        0       Parent=Smp_210320.1
SM_V9_2 iris    CDS     34904441        34904957        .       +
        1       Parent=Smp_210320.1
SM_V9_2 iris    CDS     34905467        34905856        .       +
        0       Parent=Smp_210320.1
SM_V9_2 Liftoff gene    34906601        34935751        .       -
        .       ID=Smp_147620;geneID=Smp_147620
SM_V9_2 Liftoff mRNA    34906601        34935751        .       -
        .
ID=Smp_147620.1;Parent=Smp_147620;geneID=Smp_147620;product=Protein
SMG8;polypeptide_domain=InterPro:IPR019354
Pfam:PF10220;Ontology_term=GO:0000184
SM_V9_2 Liftoff exon    34906601        34906786        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34910687        34911314        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34912550        34912705        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34913340        34913678        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34914437        34914872        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34917266        34917555        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34919141        34919492        .       -
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SM_V9_2 Liftoff exon    34921240        34921641        .       -
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        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34932221        34932303        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34934981        34935119        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34935151        34935218        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34935250        34935438        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34935473        34935484        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff exon    34935518        34935751        .       -
        .       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34906684        34906786        .       -
        1       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34910687        34911314        .       -
        2       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34912550        34912705        .       -
        2       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34913340        34913678        .       -
        2       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34914437        34914872        .       -
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SM_V9_2 Liftoff CDS     34917266        34917555        .       -
        2       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34919141        34919492        .       -
        0       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34921240        34921641        .       -
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SM_V9_2 Liftoff CDS     34924129        34924546        .       -
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SM_V9_2 Liftoff CDS     34932221        34932303        .       -
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SM_V9_2 Liftoff CDS     34934981        34935119        .       -
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SM_V9_2 Liftoff CDS     34935151        34935218        .       -
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SM_V9_2 Liftoff CDS     34935250        34935438        .       -
        0       Parent=Smp_147620.1
SM_V9_2 Liftoff CDS     34935473        34935484        .       -
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SM_V9_2 Liftoff CDS     34935518        34935703        .       -
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SM_V9_2 Liftoff mRNA    34945135        34956811        .       -
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ID=Smp_047610.1;Parent=Smp_047610;geneID=Smp_047610;product=Cell
division control protein 45
homolog;polypeptide_domain=InterPro:IPR003874
Pfam:PF02724;Ontology_term=GO:0006270
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        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34945732        34945827        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34946980        34947118        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34949587        34949639        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34950256        34950367        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34952184        34952282        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34953600        34953914        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34955809        34956020        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34956053        34956167        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34956202        34956296        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34956336        34956428        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34956462        34956521        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff exon    34956556        34956811        .       -
        .       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34945352        34945416        .       -
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SM_V9_2 Liftoff CDS     34945460        34945536        .       -
        1       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34945571        34945686        .       -
        0       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34945732        34945827        .       -
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SM_V9_2 Liftoff CDS     34946980        34947118        .       -
        1       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34949587        34949639        .       -
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SM_V9_2 Liftoff CDS     34950256        34950367        .       -
        1       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34952184        34952282        .       -
        1       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34953600        34953914        .       -
        1       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34955809        34956020        .       -
        0       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34956053        34956167        .       -
        1       Parent=Smp_047610.1
SM_V9_2 Liftoff CDS     34956202        34956296        .       -
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SM_V9_2 Liftoff CDS     34956336        34956428        .       -
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SM_V9_2 Liftoff CDS     34956556        34956609        .       -
        0       Parent=Smp_047610.1
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        .       ID=Smp_047620;geneID=Smp_047620
SM_V9_2 Liftoff mRNA    34970435        34984665        .       +
        .
ID=Smp_047620.1;Parent=Smp_047620;geneID=Smp_047620;product=G2/
mitotic-specific cyclin-
B3;polypeptide_domain=InterPro:IPR004367,IPR006671,IPR013763
Pfam:PF00134,PF02984;Ontology_term=GO:0005634
SM_V9_2 Liftoff exon    34970435        34970767        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34970804        34970849        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34975879        34976198        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34976499        34976681        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34976888        34977072        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34978211        34978421        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34979586        34980010        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34981873        34982388        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff exon    34983472        34984665        .       +
        .       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34970621        34970767        .       +
        0       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34970804        34970849        .       +
        0       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34975879        34976198        .       +
        2       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34976499        34976681        .       +
        0       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34976888        34977072        .       +
        0       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34978211        34978421        .       +
        1       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34979586        34980010        .       +
        0       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34981873        34982388        .       +
        1       Parent=Smp_047620.1
SM_V9_2 Liftoff CDS     34983472        34983604        .       +
        1       Parent=Smp_047620.1
SM_V9_2 Liftoff gene    34996416        35016421        .       -
        .       ID=Smp_147630;geneID=Smp_147630
SM_V9_2 Liftoff mRNA    34996416        35016421        .       -
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ID=Smp_147630.1;Parent=Smp_147630;geneID=Smp_147630;product=Poly(ADP
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SM_V9_2 Liftoff exon    34997780        34997868        .       -
        .       Parent=Smp_147630.1
SM_V9_2 Liftoff exon    35002865        35003165        .       -
        .       Parent=Smp_147630.1
SM_V9_2 Liftoff exon    35008937        35009150        .       -
        .       Parent=Smp_147630.1
SM_V9_2 Liftoff exon    35009842        35009947        .       -
        .       Parent=Smp_147630.1
SM_V9_2 Liftoff exon    35009986        35016421        .       -
        .       Parent=Smp_147630.1
SM_V9_2 Liftoff CDS     34996753        34996965        .       -
        0       Parent=Smp_147630.1
SM_V9_2 Liftoff CDS     34997780        34997868        .       -
        2       Parent=Smp_147630.1
SM_V9_2 Liftoff CDS     35002865        35003165        .       -
        0       Parent=Smp_147630.1
SM_V9_2 Liftoff CDS     35008937        35009150        .       -
        1       Parent=Smp_147630.1
SM_V9_2 Liftoff CDS     35009842        35009947        .       -
        2       Parent=Smp_147630.1
SM_V9_2 Liftoff CDS     35009986        35010121        .       -
        0       Parent=Smp_147630.1
SM_V9_2 Liftoff gene    35024468        35027248        .       +
        .       ID=Smp_047640;geneID=Smp_047640
SM_V9_2 Liftoff mRNA    35024468        35027231        .       +
        .
ID=Smp_047640.2;Parent=Smp_047640;geneID=Smp_047640;product=Ferritin
-2 heavy
chain;polypeptide_domain=InterPro:IPR008331,IPR009040,IPR009078,IPR0
12347,IPR014034 Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    35024468        35027231        .       +
        .       Parent=Smp_047640.2
SM_V9_2 Liftoff CDS     35024631        35024972        .       +
        0       Parent=Smp_047640.2
SM_V9_2 Liftoff mRNA    35024468        35027248        .       +
        .
ID=Smp_047640.1;Parent=Smp_047640;geneID=Smp_047640;product=Ferritin
-2 heavy
chain;polypeptide_domain=InterPro:IPR008331,IPR009040,IPR009078,IPR0
12347,IPR014034 Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    35024468        35024963        .       +
        .       Parent=Smp_047640.1
SM_V9_2 Liftoff exon    35026827        35027248        .       +
        .       Parent=Smp_047640.1
SM_V9_2 Liftoff CDS     35024631        35024963        .       +
        0       Parent=Smp_047640.1
SM_V9_2 Liftoff CDS     35026827        35027015        .       +
        0       Parent=Smp_047640.1
SM_V9_2 Liftoff gene    35034475        35037444        .       +
        .       ID=Smp_047650;geneID=Smp_047650
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SM_V9_2 Liftoff mRNA    35034475        35037444        .       +
       .
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Statement;literature=PMID:1741011;polypeptide_domain=InterPro:IPR008
331,IPR009040,IPR009078,IPR012347,IPR014034
Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    35034475        35034991        .       +
       .       Parent=Smp_047650.1
SM_V9_2 Liftoff exon    35037122        35037444        .       +
       .       Parent=Smp_047650.1
SM_V9_2 Liftoff CDS     35034662        35034991        .       +
       0       Parent=Smp_047650.1
SM_V9_2 Liftoff CDS     35037122        35037310        .       +
       0       Parent=Smp_047650.1
SM_V9_2 Liftoff gene    35053585        35055470        .       +
       .
ID=Smp_311630;geneID=Smp_311630;previous_systematic_id=Smp_047660
SM_V9_2 Liftoff mRNA    35053585        35055470        .       +
       .
ID=Smp_311630.1;Parent=Smp_311630;geneID=Smp_311630;product=Ferritin
-2 heavy chain;evidence=Traceable Author
Statement;literature=PMID:1741011;polypeptide_domain=InterPro:IPR008
331,IPR009040,IPR009078,IPR012347,IPR014034
Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    35053585        35054037        .       +
       .       Parent=Smp_311630.1
SM_V9_2 Liftoff exon    35055188        35055470        .       +
       .       Parent=Smp_311630.1
SM_V9_2 Liftoff CDS     35053681        35054037        .       +
       0       Parent=Smp_311630.1
SM_V9_2 Liftoff CDS     35055188        35055376        .       +
       0       Parent=Smp_311630.1
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ID=Smp_311640;geneID=Smp_311640;previous_systematic_id=Smp_047660
SM_V9_2 Liftoff mRNA    35063492        35065651        .       -
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ID=Smp_311640.1;Parent=Smp_311640;geneID=Smp_311640;product=Ferritin
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Statement;literature=PMID:1741011;polypeptide_domain=InterPro:IPR008
331,IPR009040,IPR009078,IPR012347
Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    35063492        35063774        .       -
       .       Parent=Smp_311640.1
SM_V9_2 Liftoff exon    35064926        35065651        .       -
       .       Parent=Smp_311640.1
SM_V9_2 Liftoff CDS     35063586        35063774        .       -
       0       Parent=Smp_311640.1
SM_V9_2 Liftoff CDS     35064926        35065282        .       -
       0       Parent=Smp_311640.1
SM_V9_2 Liftoff gene    35070975        35072004        .       +
       .       ID=Smp_047680;geneID=Smp_047680
SM_V9_2 Liftoff mRNA    35070975        35072004        .       +
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        .
ID=Smp_047680.1;Parent=Smp_047680;geneID=Smp_047680;product=Ferritin
-2 heavy chain;evidence=Traceable Author
Statement;literature=PMID:1741011;polypeptide_domain=InterPro:IPR008
331,IPR009040,IPR009078,IPR012347,IPR014034
Pfam:PF00210;Ontology_term=GO:0006879,GO:0008199
SM_V9_2 Liftoff exon    35070975        35071342        .       +
        .       Parent=Smp_047680.1
SM_V9_2 Liftoff exon    35071722        35072004        .       +
        .       Parent=Smp_047680.1
SM_V9_2 Liftoff CDS     35071013        35071342        .       +
        0       Parent=Smp_047680.1
SM_V9_2 Liftoff CDS     35071722        35071910        .       +
        0       Parent=Smp_047680.1
SM_V9_2 Liftoff gene    35074415        35088780        .       +
        .       ID=Smp_147640;geneID=Smp_147640
SM_V9_2 Liftoff mRNA    35074415        35088780        .       +
        .
ID=Smp_147640.1;Parent=Smp_147640;geneID=Smp_147640;product=Homeobox
even-skipped homolog protein
1;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_2 Liftoff exon    35074415        35077654        .       +
        .       Parent=Smp_147640.1
SM_V9_2 Liftoff exon    35079919        35079982        .       +
        .       Parent=Smp_147640.1
SM_V9_2 Liftoff exon    35087454        35088780        .       +
        .       Parent=Smp_147640.1
SM_V9_2 Liftoff CDS     35076692        35077654        .       +
        0       Parent=Smp_147640.1
SM_V9_2 Liftoff CDS     35079919        35079982        .       +
        0       Parent=Smp_147640.1
SM_V9_2 Liftoff CDS     35087454        35088187        .       +
        2       Parent=Smp_147640.1
SM_V9_2 Liftoff gene    35102465        35125799        .       +
        .       ID=Smp_047700;geneID=Smp_047700
SM_V9_2 Liftoff mRNA    35102465        35125799        .       +
        .
ID=Smp_047700.1;Parent=Smp_047700;geneID=Smp_047700;product=RING-H2
finger protein ATL46;polypeptide_domain=InterPro:IPR001841,IPR013083
Pfam:PF13639
SM_V9_2 Liftoff exon    35102465        35102712        .       +
        .       Parent=Smp_047700.1
SM_V9_2 Liftoff exon    35109178        35109279        .       +
        .       Parent=Smp_047700.1
SM_V9_2 Liftoff exon    35115007        35115398        .       +
        .       Parent=Smp_047700.1
SM_V9_2 Liftoff exon    35120341        35120597        .       +
        .       Parent=Smp_047700.1
SM_V9_2 Liftoff exon    35122528        35122881        .       +
        .       Parent=Smp_047700.1
SM_V9_2 Liftoff exon    35125177        35125799        .       +
        .       Parent=Smp_047700.1
SM_V9_2 Liftoff CDS     35102573        35102712        .       +
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        0       Parent=Smp_047700.1
SM_V9_2 Liftoff CDS     35109178        35109279        .       +
        1       Parent=Smp_047700.1
SM_V9_2 Liftoff CDS     35115007        35115398        .       +
        1       Parent=Smp_047700.1
SM_V9_2 Liftoff CDS     35120341        35120597        .       +
        2       Parent=Smp_047700.1
SM_V9_2 Liftoff CDS     35122528        35122881        .       +
        0       Parent=Smp_047700.1
SM_V9_2 Liftoff CDS     35125177        35125278        .       +
        0       Parent=Smp_047700.1
SM_V9_2 iris    gene    35129481        35141561        .       -
        .
ID=Smp_147650;geneID=Smp_147650;gene_name=Smp_147650;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35129481        35141561        .       -
        .
ID=Smp_147650.1;Parent=Smp_147650;geneID=Smp_147650;gene_name=Smp_14
7650;owner=irisadmin@local.host;orig_id=Smp_147650.2;date_last_modif
ied=2022-07-31;Name=Smp_147650.1;product=C-1-tetrahydrofolate
synthase, cytoplasmic;date_creation=2022-07-30
SM_V9_2 iris    exon    35129481        35130069        .       -
        .       Parent=Smp_147650.1;Name=51a947cc-7ca0-4819-
b1ff-3bb0d9ca87dc
SM_V9_2 iris    exon    35131495        35131877        .       -
        .       Parent=Smp_147650.1;Name=ccbe74f6-3528-4bbc-
b138-3b00f3bd647b
SM_V9_2 iris    exon    35136791        35136867        .       -
        .       Parent=Smp_147650.1;Name=41497636-4dc5-4878-
bf95-7aa2bec6ff6f
SM_V9_2 iris    exon    35139683        35139742        .       -
        .       Parent=Smp_147650.1;Name=c18f0afe-0b6c-4249-ae0c-
e46d518e879f
SM_V9_2 iris    exon    35139780        35139893        .       -
        .       Parent=Smp_147650.1;Name=cd5d40f8-190d-489a-
afdc-559c1bca5503
SM_V9_2 iris    exon    35141187        35141266        .       -
        .       Parent=Smp_147650.1;Name=2c6c9f77-8bcc-4599-b079-
dc343397ce73
SM_V9_2 iris    exon    35141302        35141561        .       -
        .
Parent=Smp_147650.1;Name=9159d3e4-8107-436b-9e48-8f8b5dbacb63
SM_V9_2 iris    CDS     35129822        35130069        .       -
        2       Parent=Smp_147650.1
SM_V9_2 iris    CDS     35131495        35131877        .       -
        1       Parent=Smp_147650.1
SM_V9_2 iris    CDS     35136791        35136867        .       -
        0       Parent=Smp_147650.1
SM_V9_2 iris    CDS     35139683        35139742        .       -
        0       Parent=Smp_147650.1
SM_V9_2 iris    CDS     35139780        35139893        .       -
        0       Parent=Smp_147650.1
SM_V9_2 iris    CDS     35141187        35141266        .       -
        2       Parent=Smp_147650.1
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SM_V9_2 iris    CDS     35141302        35141344        .       -
        0       Parent=Smp_147650.1
SM_V9_2 iris    gene    35163445        35170403        .       +
        .
ID=Smp_241750;geneID=Smp_241750;gene_name=Smp_241750;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35163445        35170403        .       +
        .
ID=Smp_241750.1;Parent=Smp_241750;geneID=Smp_241750;gene_name=Smp_24
1750;owner=irisadmin@local.host;orig_id=Smp_241750.2;date_last_modif
ied=2022-07-31;Name=Smp_241750.1;product=Protein
SAAL1;date_creation=2022-07-30
SM_V9_2 iris    exon    35163445        35163881        .       +
        .       Parent=Smp_241750.1;Name=d2f9500d-3fa6-4b93-a6ac-
a539f85a480a
SM_V9_2 iris    exon    35163920        35163999        .       +
        .       Parent=Smp_241750.1;Name=ef1fc776-
e6fb-4827-8876-4e887db667b8
SM_V9_2 iris    exon    35164037        35164096        .       +
        .       Parent=Smp_241750.1;Name=6205c46e-1f75-4844-
b123-3377c735c031
SM_V9_2 iris    exon    35164131        35164246        .       +
        .       Parent=Smp_241750.1;Name=70665e3d-8ef2-4d8d-
bf2a-10e419c22e68
SM_V9_2 iris    exon    35164287        35164410        .       +
        .
Parent=Smp_241750.1;Name=054de1db-9507-4e72-9617-855a873d5ac7
SM_V9_2 iris    exon    35164448        35164530        .       +
        .       Parent=Smp_241750.1;Name=f3aa99dc-d0bf-4d8e-
b3b3-7849f66eed4e
SM_V9_2 iris    exon    35167090        35167269        .       +
        .       Parent=Smp_241750.1;Name=c10c01a8-ac94-4ab6-8790-
d03c54b30848
SM_V9_2 iris    exon    35167483        35167625        .       +
        .       Parent=Smp_241750.1;Name=2177e178-
d13a-4874-98cb-6902f4e970b9
SM_V9_2 iris    exon    35169974        35170403        .       +
        .       Parent=Smp_241750.1;Name=656b8c12-3686-4167-9d23-
a088421b1acf
SM_V9_2 iris    CDS     35163555        35163881        .       +
        0       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35163920        35163999        .       +
        0       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35164037        35164096        .       +
        1       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35164131        35164246        .       +
        1       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35164287        35164410        .       +
        2       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35164448        35164530        .       +
        1       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35167090        35167269        .       +
        2       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35167483        35167625        .       +
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        2       Parent=Smp_241750.1
SM_V9_2 iris    CDS     35169974        35170183        .       +
        0       Parent=Smp_241750.1
SM_V9_2 Liftoff gene    35177375        35178455        .       +
        .       ID=Smp_102390;geneID=Smp_102390
SM_V9_2 Liftoff mRNA    35177375        35178455        .       +
        .
ID=Smp_102390.1;Parent=Smp_102390;geneID=Smp_102390;product=UPF0602
protein C4orf47 homolog;polypeptide_domain=InterPro:IPR029358
Pfam:PF15239
SM_V9_2 Liftoff exon    35177375        35178455        .       +
        .       Parent=Smp_102390.1
SM_V9_2 Liftoff CDS     35177446        35178378        .       +
        0       Parent=Smp_102390.1
SM_V9_2 iris    gene    35188117        35191301        .       -
        .
ID=Smp_179080;geneID=Smp_179080;gene_name=Smp_179080;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35188117        35191301        .       -
        .
ID=Smp_179080.1;Parent=Smp_179080;geneID=Smp_179080;gene_name=Smp_17
9080;owner=irisadmin@local.host;orig_id=Smp_179080.1;date_last_modif
ied=2022-07-31;Name=Smp_179080.1;product=Yae1 domain-containing
protein 1;date_creation=2022-07-30
SM_V9_2 iris    exon    35188117        35188625        .       -
        .       Parent=Smp_179080.1;Name=643d0a2a-c408-45b1-
a38c-92081f7c2156
SM_V9_2 iris    exon    35191054        35191301        .       -
        .       Parent=Smp_179080.1;Name=bdd4ca4a-1206-40b0-
a53e-705f7b2d9fff
SM_V9_2 iris    CDS     35188226        35188606        .       -
        0       Parent=Smp_179080.1
SM_V9_2 Liftoff gene    35203105        35216396        .       +
        .       ID=Smp_201730;geneID=Smp_201730
SM_V9_2 Liftoff mRNA    35203105        35216396        .       +
        .
ID=Smp_201730.1;Parent=Smp_201730;geneID=Smp_201730;product=Uncharac
terized protein SJCHGC09800;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_2 Liftoff exon    35203105        35203307        .       +
        .       Parent=Smp_201730.1
SM_V9_2 Liftoff exon    35216031        35216396        .       +
        .       Parent=Smp_201730.1
SM_V9_2 Liftoff CDS     35203256        35203307        .       +
        0       Parent=Smp_201730.1
SM_V9_2 Liftoff CDS     35216031        35216257        .       +
        2       Parent=Smp_201730.1
SM_V9_2 iris    gene    35221841        35232625        .       -
        .
ID=Smp_102400;geneID=Smp_102400;gene_name=Smp_102400;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35221841        35232625        .       -
        .
ID=Smp_102400.1;Parent=Smp_102400;geneID=Smp_102400;gene_name=Smp_10
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2400;owner=irisadmin@local.host;orig_id=Smp_102400.1;date_last_modif
ied=2022-07-31;Name=Smp_102400.1;product=Beta-1,3-
galactosyltransferase 5 (Fragment);date_creation=2022-07-30
SM_V9_2 iris    exon    35221841        35222648        .       -
        .       Parent=Smp_102400.1;Name=ba1fd730-7610-4c2b-
bc49-6fe18fa89775
SM_V9_2 iris    exon    35232121        35232625        .       -
        .       Parent=Smp_102400.1;Name=174eb5b8-64ae-413b-
abe8-6a531f4648bd
SM_V9_2 iris    CDS     35222045        35222648        .       -
        1       Parent=Smp_102400.1
SM_V9_2 iris    CDS     35232121        35232623        .       -
        0       Parent=Smp_102400.1
SM_V9_2 Liftoff gene    35249460        35253281        .       -
        .       ID=Smp_102410;geneID=Smp_102410
SM_V9_2 Liftoff mRNA    35249460        35253281        .       -
        .
ID=Smp_102410.1;Parent=Smp_102410;geneID=Smp_102410;product=Hyccin;p
olypeptide_domain=InterPro:IPR018619 Pfam:PF09790
SM_V9_2 Liftoff exon    35249460        35253281        .       -
        .       Parent=Smp_102410.1
SM_V9_2 Liftoff CDS     35249868        35251304        .       -
        0       Parent=Smp_102410.1
SM_V9_2 iris    gene    35276852        35313869        .       +
        .
ID=Smp_311650;geneID=Smp_311650;gene_name=Smp_311650;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35276852        35313869        .       +
        .
ID=Smp_311650.1;Parent=Smp_311650;geneID=Smp_311650;gene_name=Smp_31
1650;owner=irisadmin@local.host;orig_id=Smp_311650.2;date_last_modif
ied=2022-07-31;Name=Smp_311650.1;product=Nephrocystin-4;date_creatio
n=2022-07-30
SM_V9_2 iris    exon    35276852        35277033        .       +
        .       Parent=Smp_311650.1;Name=ede29a79-2f66-473c-abb8-
a9d5a9b736bb
SM_V9_2 iris    exon    35277079        35277219        .       +
        .       Parent=Smp_311650.1;Name=a0535e7b-f7dc-4531-
ad88-50b544ff6afd
SM_V9_2 iris    exon    35277256        35277466        .       +
        .       Parent=Smp_311650.1;Name=895e28bf-8a2c-4d2b-b876-
dd7a86777137
SM_V9_2 iris    exon    35277507        35277850        .       +
        .
Parent=Smp_311650.1;Name=c0d2a6c7-75b7-4462-8bd8-826c938be306
SM_V9_2 iris    exon    35278428        35278691        .       +
        .       Parent=Smp_311650.1;Name=e404cacf-a0e1-41a8-ab8a-
a802b0fb178c
SM_V9_2 iris    exon    35281486        35281839        .       +
        .       Parent=Smp_311650.1;Name=51c95355-9fa5-4106-
a287-24bdaea0bcd9
SM_V9_2 iris    exon    35283279        35283373        .       +
        .       Parent=Smp_311650.1;Name=edf75210-e979-4844-ad3e-
f67c647ac65e
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SM_V9_2 iris    exon    35288078        35288541        .       +
        .       Parent=Smp_311650.1;Name=e33ec7e1-
c4d8-4b50-8245-2446aa4c3972
SM_V9_2 iris    exon    35289840        35289987        .       +
        .       Parent=Smp_311650.1;Name=3859c486-fd3b-4098-
a28c-7730002311b3
SM_V9_2 iris    exon    35291108        35291206        .       +
        .       Parent=Smp_311650.1;Name=7e30e584-99e9-46f5-
a23f-26bea98ccb4a
SM_V9_2 iris    exon    35291894        35292050        .       +
        .       Parent=Smp_311650.1;Name=b6bb908f-35c3-40d6-9f60-
dba52c7cc0b8
SM_V9_2 iris    exon    35293268        35293411        .       +
        .       Parent=Smp_311650.1;Name=8a72881a-0571-475f-
b743-0c6aed1bf0be
SM_V9_2 iris    exon    35296634        35296878        .       +
        .       Parent=Smp_311650.1;Name=d5874911-8508-4351-
ad3d-91a705ae9796
SM_V9_2 iris    exon    35297302        35297602        .       +
        .       Parent=Smp_311650.1;Name=10e3c025-405a-436b-8702-
c6f4dc029267
SM_V9_2 iris    exon    35300746        35300957        .       +
        .       Parent=Smp_311650.1;Name=cb157406-955c-45d0-
a152-6a390613db96
SM_V9_2 iris    exon    35302009        35302285        .       +
        .       Parent=Smp_311650.1;Name=3676b0ed-00cc-45b5-
ac2a-9a989d1b08b3
SM_V9_2 iris    exon    35305041        35305100        .       +
        .
Parent=Smp_311650.1;Name=b7ccc141-7aea-4f3d-984b-79c058a46d52
SM_V9_2 iris    exon    35308325        35308636        .       +
        .       Parent=Smp_311650.1;Name=76f5e149-458c-48ab-ba87-
aa1398dbdf07
SM_V9_2 iris    exon    35310121        35310435        .       +
        .       Parent=Smp_311650.1;Name=4667739f-0019-41db-90ec-
de2e20cf5d07
SM_V9_2 iris    exon    35311991        35312248        .       +
        .
Parent=Smp_311650.1;Name=7fef7fb5-5ad4-43fe-92f4-7da1d0496e39
SM_V9_2 iris    exon    35313676        35313869        .       +
        .       Parent=Smp_311650.1;Name=ad6b19ff-e723-40f1-b600-
fa2ae1d2c5e9
SM_V9_2 iris    CDS     35276917        35277033        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35277079        35277219        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35277256        35277466        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35277507        35277850        .       +
        2       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35278428        35278691        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35281486        35281839        .       +
        0       Parent=Smp_311650.1
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SM_V9_2 iris    CDS     35283279        35283373        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35288078        35288541        .       +
        1       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35289840        35289987        .       +
        2       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35291108        35291206        .       +
        1       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35291894        35292050        .       +
        1       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35293268        35293411        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35296634        35296878        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35297302        35297602        .       +
        1       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35300746        35300957        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35302009        35302285        .       +
        1       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35305041        35305100        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35308325        35308636        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35310121        35310435        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35311991        35312248        .       +
        0       Parent=Smp_311650.1
SM_V9_2 iris    CDS     35313676        35313831        .       +
        0       Parent=Smp_311650.1
SM_V9_2 Liftoff gene    35319823        35321061        .       -
        .       ID=Smp_047740;geneID=Smp_047740
SM_V9_2 Liftoff mRNA    35319823        35321061        .       -
        .
ID=Smp_047740.1;Parent=Smp_047740;geneID=Smp_047740;product=26S
proteasome non-ATPase regulatory subunit 8
(Fragment);polypeptide_domain=InterPro:IPR011991,IPR033464
Pfam:PF10075
SM_V9_2 Liftoff exon    35319823        35320158        .       -
        .       Parent=Smp_047740.1
SM_V9_2 Liftoff exon    35320192        35320303        .       -
        .       Parent=Smp_047740.1
SM_V9_2 Liftoff exon    35320338        35320510        .       -
        .       Parent=Smp_047740.1
SM_V9_2 Liftoff exon    35320545        35320638        .       -
        .       Parent=Smp_047740.1
SM_V9_2 Liftoff exon    35320678        35320780        .       -
        .       Parent=Smp_047740.1
SM_V9_2 Liftoff exon    35320816        35320888        .       -
        .       Parent=Smp_047740.1
SM_V9_2 Liftoff exon    35320921        35321061        .       -
        .       Parent=Smp_047740.1
SM_V9_2 Liftoff CDS     35320027        35320158        .       -
        0       Parent=Smp_047740.1
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SM_V9_2 Liftoff CDS     35320192        35320303        .       -
        1       Parent=Smp_047740.1
SM_V9_2 Liftoff CDS     35320338        35320510        .       -
        0       Parent=Smp_047740.1
SM_V9_2 Liftoff CDS     35320545        35320638        .       -
        1       Parent=Smp_047740.1
SM_V9_2 Liftoff CDS     35320678        35320780        .       -
        2       Parent=Smp_047740.1
SM_V9_2 Liftoff CDS     35320816        35320888        .       -
        0       Parent=Smp_047740.1
SM_V9_2 Liftoff CDS     35320921        35321031        .       -
        0       Parent=Smp_047740.1
SM_V9_2 iris    gene    35336479        35385891        .       +
        .
ID=Smp_147670;geneID=Smp_147670;gene_name=Smp_147670;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35336479        35385891        .       +
        .
ID=Smp_147670.1;Parent=Smp_147670;geneID=Smp_147670;gene_name=Smp_14
7670;owner=irisadmin@local.host;orig_id=Smp_147670.3;date_last_modif
ied=2022-07-31;Name=Smp_147670.1;product=Receptor kinase I-
interacting protein SIP;date_creation=2022-07-30
SM_V9_2 iris    exon    35336479        35336735        .       +
        .       Parent=Smp_147670.1;Name=4b3a871d-d647-4f47-8f55-
b2963017d53e
SM_V9_2 iris    exon    35360036        35360098        .       +
        .       Parent=Smp_147670.1;Name=31863f68-2a03-4b9f-a5ff-
f6b3b581dde6
SM_V9_2 iris    exon    35365370        35365482        .       +
        .       Parent=Smp_147670.1;Name=532df9e2-13ee-4874-b134-
ec09ba7f235a
SM_V9_2 iris    exon    35366162        35366366        .       +
        .       Parent=Smp_147670.1;Name=3599b2b9-f396-4c2f-8e8f-
f1a278fd1a9d
SM_V9_2 iris    exon    35368684        35368956        .       +
        .       Parent=Smp_147670.1;Name=7fad9896-2f57-451f-
b291-7a4a0ae38a2c
SM_V9_2 iris    exon    35370978        35371091        .       +
        .
Parent=Smp_147670.1;Name=1807c551-9f3b-4d84-8bb7-7a40316f3b99
SM_V9_2 iris    exon    35375902        35376012        .       +
        .       Parent=Smp_147670.1;Name=08f651ad-555f-4f52-bd55-
e388153ee192
SM_V9_2 iris    exon    35379227        35379820        .       +
        .       Parent=Smp_147670.1;Name=6577cfd8-0ddb-426d-99b3-
d54815d0dfbb
SM_V9_2 iris    exon    35380802        35381506        .       +
        .       Parent=Smp_147670.1;Name=d384eaff-bc17-44c5-
bd38-65b44ff13a8a
SM_V9_2 iris    exon    35383487        35383753        .       +
        .
Parent=Smp_147670.1;Name=029c59a9-8287-4cbf-90c0-21de2e948abb
SM_V9_2 iris    exon    35385494        35385891        .       +
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Parent=Smp_147670.1;Name=0ed59433-1650-4fcc-99ef-2352682a5ae0
SM_V9_2 iris    CDS     35336733        35336735        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35360036        35360098        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35365370        35365482        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35366162        35366366        .       +
        1       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35368684        35368956        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35370978        35371091        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35375902        35376012        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35379227        35379820        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35380802        35381506        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35383487        35383753        .       +
        0       Parent=Smp_147670.1
SM_V9_2 iris    CDS     35385494        35385616        .       +
        0       Parent=Smp_147670.1
SM_V9_2 Liftoff gene    35389623        35400258        .       -
        .       ID=Smp_147680;geneID=Smp_147680
SM_V9_2 Liftoff mRNA    35389623        35400258        .       -
        .
ID=Smp_147680.1;Parent=Smp_147680;geneID=Smp_147680;product=Calumeni
n-B;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13833;Ontology_term=GO:0005509
SM_V9_2 Liftoff exon    35389623        35389852        .       -
        .       Parent=Smp_147680.1
SM_V9_2 Liftoff exon    35393579        35393796        .       -
        .       Parent=Smp_147680.1
SM_V9_2 Liftoff exon    35394872        35394932        .       -
        .       Parent=Smp_147680.1
SM_V9_2 Liftoff exon    35396632        35396801        .       -
        .       Parent=Smp_147680.1
SM_V9_2 Liftoff exon    35399677        35399870        .       -
        .       Parent=Smp_147680.1
SM_V9_2 Liftoff exon    35399916        35400052        .       -
        .       Parent=Smp_147680.1
SM_V9_2 Liftoff exon    35400093        35400258        .       -
        .       Parent=Smp_147680.1
SM_V9_2 Liftoff CDS     35389748        35389852        .       -
        0       Parent=Smp_147680.1
SM_V9_2 Liftoff CDS     35393579        35393796        .       -
        2       Parent=Smp_147680.1
SM_V9_2 Liftoff CDS     35394872        35394932        .       -
        0       Parent=Smp_147680.1
SM_V9_2 Liftoff CDS     35396632        35396801        .       -
        2       Parent=Smp_147680.1
SM_V9_2 Liftoff CDS     35399677        35399870        .       -
        1       Parent=Smp_147680.1
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SM_V9_2 Liftoff CDS     35399916        35400052        .       -
        0       Parent=Smp_147680.1
SM_V9_2 Liftoff CDS     35400093        35400176        .       -
        0       Parent=Smp_147680.1
SM_V9_2 Liftoff gene    35409698        35417813        .       -
        .       ID=Smp_147690;geneID=Smp_147690
SM_V9_2 Liftoff mRNA    35409698        35417813        .       -
        .
ID=Smp_147690.1;Parent=Smp_147690;geneID=Smp_147690;product=Protein-
tyrosine sulfotransferase A;polypeptide_domain=InterPro:IPR027417
Pfam:PF13469
SM_V9_2 Liftoff exon    35409698        35410052        .       -
        .       Parent=Smp_147690.1
SM_V9_2 Liftoff exon    35411344        35411380        .       -
        .       Parent=Smp_147690.1
SM_V9_2 Liftoff exon    35413276        35413451        .       -
        .       Parent=Smp_147690.1
SM_V9_2 Liftoff exon    35414710        35417813        .       -
        .       Parent=Smp_147690.1
SM_V9_2 Liftoff CDS     35409863        35410052        .       -
        1       Parent=Smp_147690.1
SM_V9_2 Liftoff CDS     35411344        35411380        .       -
        2       Parent=Smp_147690.1
SM_V9_2 Liftoff CDS     35413276        35413451        .       -
        1       Parent=Smp_147690.1
SM_V9_2 Liftoff CDS     35414710        35414933        .       -
        0       Parent=Smp_147690.1
SM_V9_2 Liftoff gene    35421157        35439998        .       +
        .       ID=Smp_328430;geneID=Smp_328430
SM_V9_2 Liftoff mRNA    35421157        35439998        .       +
        .
ID=Smp_328430.1;Parent=Smp_328430;geneID=Smp_328430;product=Protein-
tyrosine sulfotransferase A;polypeptide_domain=InterPro:IPR027417
Pfam:PF13469
SM_V9_2 Liftoff exon    35421157        35421201        .       +
        .       Parent=Smp_328430.1
SM_V9_2 Liftoff exon    35424454        35424666        .       +
        .       Parent=Smp_328430.1
SM_V9_2 Liftoff exon    35425645        35425978        .       +
        .       Parent=Smp_328430.1
SM_V9_2 Liftoff exon    35432101        35432276        .       +
        .       Parent=Smp_328430.1
SM_V9_2 Liftoff exon    35436649        35436724        .       +
        .       Parent=Smp_328430.1
SM_V9_2 Liftoff exon    35439783        35439998        .       +
        .       Parent=Smp_328430.1
SM_V9_2 Liftoff CDS     35421195        35421201        .       +
        0       Parent=Smp_328430.1
SM_V9_2 Liftoff CDS     35424454        35424666        .       +
        2       Parent=Smp_328430.1
SM_V9_2 Liftoff CDS     35425645        35425978        .       +
        2       Parent=Smp_328430.1
SM_V9_2 Liftoff CDS     35432101        35432276        .       +
        1       Parent=Smp_328430.1
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SM_V9_2 Liftoff CDS     35436649        35436724        .       +
        2       Parent=Smp_328430.1
SM_V9_2 Liftoff CDS     35439783        35439972        .       +
        1       Parent=Smp_328430.1
SM_V9_2 Liftoff gene    35444829        35446773        .       -
        .
ID=Smp_335360;geneID=Smp_335360;previous_systematic_id=Smp_147700
SM_V9_2 Liftoff mRNA    35444829        35446773        .       -
        .
ID=Smp_335360.1;Parent=Smp_335360;geneID=Smp_335360;product=Kunitz-
type serine protease inhibitor
textilinin-2;polypeptide_domain=InterPro:IPR002223,IPR020901
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    35444829        35445205        .       -
        .       Parent=Smp_335360.1
SM_V9_2 Liftoff exon    35446604        35446773        .       -
        .       Parent=Smp_335360.1
SM_V9_2 Liftoff CDS     35444913        35445205        .       -
        2       Parent=Smp_335360.1
SM_V9_2 Liftoff CDS     35446604        35446676        .       -
        0       Parent=Smp_335360.1
SM_V9_2 Liftoff gene    35450891        35452333        .       -
        .       ID=Smp_328440;geneID=Smp_328440
SM_V9_2 Liftoff mRNA    35450891        35452333        .       -
        .
ID=Smp_328440.1;Parent=Smp_328440;geneID=Smp_328440;product=Kunitz-
type conkunitzin-S1;polypeptide_domain=InterPro:IPR002223
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    35450891        35451179        .       -
        .       Parent=Smp_328440.1
SM_V9_2 Liftoff exon    35452237        35452333        .       -
        .       Parent=Smp_328440.1
SM_V9_2 Liftoff CDS     35450989        35451179        .       -
        2       Parent=Smp_328440.1
SM_V9_2 Liftoff CDS     35452237        35452309        .       -
        0       Parent=Smp_328440.1
SM_V9_2 iris    gene    35460508        35467553        .       -
        .
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@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_2 iris    mRNA    35460508        35467553        .       -
        .
ID=Smp_311660.1;Parent=Smp_311660;geneID=Smp_311660;gene_name=Smp_31
1660;owner=irisadmin@local.host;orig_id=Smp_311660.1;date_last_modif
ied=2022-06-30;Name=Smp_311660.1;product=U-actitoxin-Avd3s
(Fragment);date_creation=2022-06-30
SM_V9_2 iris    exon    35460508        35461238        .       -
        .       Parent=Smp_311660.1;Name=305f4fed-6caf-44f1-
a495-47d09c28f212
SM_V9_2 iris    exon    35462369        35462416        .       -
        .       Parent=Smp_311660.1;Name=d9c3e448-
aa74-4af3-923a-9ec730af7f43
SM_V9_2 iris    exon    35463402        35463427        .       -
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Parent=Smp_311660.1;Name=e51b4527-7207-477b-9af8-555da1bef6c7
SM_V9_2 iris    exon    35464933        35465104        .       -
        .       Parent=Smp_311660.1;Name=05e5c151-39f7-44c6-8fd2-
db5a8e0fdd37
SM_V9_2 iris    exon    35467425        35467553        .       -
        .       Parent=Smp_311660.1;Name=c0da95b8-7419-479c-
ae0d-6d86f36d31f6
SM_V9_2 iris    CDS     35461114        35461238        .       -
        2       Parent=Smp_311660.1
SM_V9_2 iris    CDS     35462369        35462416        .       -
        2       Parent=Smp_311660.1
SM_V9_2 iris    CDS     35463402        35463427        .       -
        1       Parent=Smp_311660.1
SM_V9_2 iris    CDS     35464933        35465104        .       -
        2       Parent=Smp_311660.1
SM_V9_2 iris    CDS     35467425        35467494        .       -
        0       Parent=Smp_311660.1
SM_V9_2 Liftoff gene    35474783        35476793        .       -
        .       ID=Smp_328450;geneID=Smp_328450
SM_V9_2 Liftoff mRNA    35474783        35476793        .       -
        .
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type serine protease inhibitor Vur-
KIn;polypeptide_domain=InterPro:IPR002223,IPR020901
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    35474783        35475159        .       -
        .       Parent=Smp_328450.1
SM_V9_2 Liftoff exon    35476625        35476793        .       -
        .       Parent=Smp_328450.1
SM_V9_2 Liftoff CDS     35474867        35475159        .       -
        2       Parent=Smp_328450.1
SM_V9_2 Liftoff CDS     35476625        35476697        .       -
        0       Parent=Smp_328450.1
SM_V9_2 iris    gene    35487637        35494136        .       +
        .
ID=Smp_311670;geneID=Smp_311670;gene_name=Smp_311670;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_2 iris    mRNA    35487637        35494136        .       +
        .
ID=Smp_311670.1;Parent=Smp_311670;geneID=Smp_311670;gene_name=Smp_31
1670;owner=irisadmin@local.host;orig_id=Smp_311670.1;date_last_modif
ied=2022-06-30;Name=Smp_311670.1;product=U-actitoxin-Avd3s
(Fragment);date_creation=2022-06-30
SM_V9_2 iris    exon    35487637        35487767        .       +
        .       Parent=Smp_311670.1;Name=0ac8b086-d93a-4abb-
b04d-0911673033df
SM_V9_2 iris    exon    35488613        35488784        .       +
        .       Parent=Smp_311670.1;Name=cda72297-bb6d-43ba-
bf82-853906f635d3
SM_V9_2 iris    exon    35490290        35490315        .       +
        .
Parent=Smp_311670.1;Name=232d0e49-9bd7-40f0-8dff-104651477e2a
SM_V9_2 iris    exon    35491665        35491712        .       +
        .       Parent=Smp_311670.1;Name=05adde2e-8053-46ce-b416-
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e9c9c2602457
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        .       Parent=Smp_311670.1;Name=49de54aa-96d5-49f1-
bbd7-42e49ddeab33
SM_V9_2 iris    CDS     35487698        35487767        .       +
        0       Parent=Smp_311670.1
SM_V9_2 iris    CDS     35488613        35488784        .       +
        2       Parent=Smp_311670.1
SM_V9_2 iris    CDS     35490290        35490315        .       +
        1       Parent=Smp_311670.1
SM_V9_2 iris    CDS     35491665        35491712        .       +
        2       Parent=Smp_311670.1
SM_V9_2 iris    CDS     35493406        35493530        .       +
        2       Parent=Smp_311670.1
SM_V9_2 iris    gene    35504157        35516339        .       +
        .
ID=Smp_337730;geneID=Smp_337730;gene_name=Smp_337730;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35504157        35516339        .       +
        .
ID=Smp_337730.1;Parent=Smp_337730;geneID=Smp_337730;gene_name=Smp_33
7730;owner=irisadmin@local.host;orig_id=Smp_337730.1;date_last_modif
ied=2022-08-01;Name=Smp_337730.1;product=U-actitoxin-Avd3s
(Fragment);date_creation=2022-07-30
SM_V9_2 iris    exon    35504157        35504290        .       +
        .       Parent=Smp_337730.1;Name=d742bafc-6649-461f-
bc4e-4083f9ea5581
SM_V9_2 iris    exon    35505136        35505307        .       +
        .       Parent=Smp_337730.1;Name=a90d5e39-a4ad-4346-9b9e-
a82630435c24
SM_V9_2 iris    exon    35506813        35506838        .       +
        .       Parent=Smp_337730.1;Name=079f6c7f-2990-4bd1-
b745-5a8df0e87820
SM_V9_2 iris    exon    35507826        35507873        .       +
        .       Parent=Smp_337730.1;Name=388996ce-
ed74-4625-8779-2381c712eb0c
SM_V9_2 iris    exon    35515629        35516339        .       +
        .
Parent=Smp_337730.1;Name=092c31ad-22f7-4d44-8af5-5163e2315ca9
SM_V9_2 iris    CDS     35504221        35504290        .       +
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SM_V9_2 iris    CDS     35505136        35505307        .       +
        2       Parent=Smp_337730.1
SM_V9_2 iris    CDS     35506813        35506838        .       +
        1       Parent=Smp_337730.1
SM_V9_2 iris    CDS     35507826        35507873        .       +
        2       Parent=Smp_337730.1
SM_V9_2 iris    CDS     35515629        35515753        .       +
        2       Parent=Smp_337730.1
SM_V9_2 Liftoff gene    35524537        35526054        .       +
        .       ID=Smp_328460;geneID=Smp_328460
SM_V9_2 Liftoff mRNA    35524537        35526054        .       +
        .
ID=Smp_328460.1;Parent=Smp_328460;geneID=Smp_328460;product=Kunitz-
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type conkunitzin-S1;polypeptide_domain=InterPro:IPR002223
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    35524537        35524630        .       +
        .       Parent=Smp_328460.1
SM_V9_2 Liftoff exon    35525688        35526054        .       +
        .       Parent=Smp_328460.1
SM_V9_2 Liftoff CDS     35524558        35524630        .       +
        0       Parent=Smp_328460.1
SM_V9_2 Liftoff CDS     35525688        35525878        .       +
        2       Parent=Smp_328460.1
SM_V9_2 iris    gene    35529850        35532058        .       +
        .
ID=Smp_328470;geneID=Smp_328470;gene_name=Smp_328470;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    35529850        35532058        .       +
        .
ID=Smp_328470.1;Parent=Smp_328470;geneID=Smp_328470;gene_name=Smp_32
8470;owner=irisadmin@local.host;orig_id=Smp_328470.2;date_last_modif
ied=2022-07-31;Name=Smp_328470.1;product=Kunitz-type serine protease
inhibitor Vur-KIn;date_creation=2022-07-31
SM_V9_2 iris    exon    35529850        35529926        .       +
        .       Parent=Smp_328470.1;Name=0d5164af-8ea4-426a-b963-
e43a64d80ebb
SM_V9_2 iris    exon    35531682        35532058        .       +
        .       Parent=Smp_328470.1;Name=a28ddfc6-57eb-4801-
b7e1-9598aabcfc36
SM_V9_2 iris    CDS     35529854        35529926        .       +
        0       Parent=Smp_328470.1
SM_V9_2 iris    CDS     35531682        35531974        .       +
        2       Parent=Smp_328470.1
SM_V9_2 Liftoff gene    35541599        35542873        .       -
        .       ID=Smp_147710;geneID=Smp_147710
SM_V9_2 Liftoff mRNA    35541599        35542873        .       -
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ID=Smp_147710.1;Parent=Smp_147710;geneID=Smp_147710;product=Kunitz-
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LmKTT-1a;polypeptide_domain=InterPro:IPR002223
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    35541599        35541888        .       -
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SM_V9_2 Liftoff exon    35542774        35542873        .       -
        .       Parent=Smp_147710.1
SM_V9_2 Liftoff CDS     35541710        35541888        .       -
        2       Parent=Smp_147710.1
SM_V9_2 Liftoff CDS     35542774        35542846        .       -
        0       Parent=Smp_147710.1
SM_V9_2 Liftoff gene    35588937        35590175        .       +
        .       ID=Smp_328480;geneID=Smp_328480
SM_V9_2 Liftoff mRNA    35588937        35590175        .       +
        .
ID=Smp_328480.1;Parent=Smp_328480;geneID=Smp_328480;product=Kunitz-
type serine protease inhibitor
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Pfam:PF00014;Ontology_term=GO:0004867
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SM_V9_2 Liftoff exon    35588937        35589041        .       +
        .       Parent=Smp_328480.1
SM_V9_2 Liftoff exon    35589902        35590175        .       +
        .       Parent=Smp_328480.1
SM_V9_2 Liftoff CDS     35588969        35589041        .       +
        0       Parent=Smp_328480.1
SM_V9_2 Liftoff CDS     35589902        35590080        .       +
        2       Parent=Smp_328480.1
SM_V9_2 Liftoff gene    35600196        35601443        .       -
        .       ID=Smp_328490;geneID=Smp_328490
SM_V9_2 Liftoff mRNA    35600196        35601443        .       -
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LmKTT-1a;polypeptide_domain=InterPro:IPR002223
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    35600196        35600485        .       -
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SM_V9_2 Liftoff exon    35601346        35601443        .       -
        .       Parent=Smp_328490.1
SM_V9_2 Liftoff CDS     35600307        35600485        .       -
        2       Parent=Smp_328490.1
SM_V9_2 Liftoff CDS     35601346        35601418        .       -
        0       Parent=Smp_328490.1
SM_V9_2 Liftoff gene    35615547        35640572        .       +
        .       ID=Smp_140610;geneID=Smp_140610
SM_V9_2 Liftoff mRNA    35615547        35640572        .       +
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ID=Smp_140610.1;Parent=Smp_140610;geneID=Smp_140610;product=Acid
phosphatase type
7;polypeptide_domain=InterPro:IPR004843,IPR008963,IPR015914,IPR02573
3,IPR029052
Pfam:PF00149,PF14008,PF16656;Ontology_term=GO:0003993,GO:0016787,GO:
0046872
SM_V9_2 Liftoff exon    35615547        35615854        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35617456        35617650        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35620152        35620363        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35622894        35622991        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35625087        35625152        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35629352        35629466        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35632966        35633232        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35637391        35637603        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff exon    35640224        35640572        .       +
        .       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35615740        35615854        .       +
        0       Parent=Smp_140610.1
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SM_V9_2 Liftoff CDS     35617456        35617650        .       +
        2       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35620152        35620363        .       +
        2       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35622894        35622991        .       +
        0       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35625087        35625152        .       +
        1       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35629352        35629466        .       +
        1       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35632966        35633232        .       +
        0       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35637391        35637603        .       +
        0       Parent=Smp_140610.1
SM_V9_2 Liftoff CDS     35640224        35640340        .       +
        0       Parent=Smp_140610.1
SM_V9_2 iris    gene    35668948        35726143        .       -
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35668948        35726143        .       -
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fragment;date_creation=2022-07-30
SM_V9_2 iris    exon    35668948        35669924        .       -
        .       Parent=Smp_140620.1;Name=f9b57946-
b8c9-422a-8113-1258ba5975ab
SM_V9_2 iris    exon    35678884        35679728        .       -
        .       Parent=Smp_140620.1;Name=72c8079a-9358-40b8-
a399-998fe7d2cfa7
SM_V9_2 iris    exon    35725998        35726143        .       -
        .       Parent=Smp_140620.1;Name=7c1e503e-444a-4e37-925e-
f38959b11999
SM_V9_2 iris    CDS     35669112        35669924        .       -
        0       Parent=Smp_140620.1
SM_V9_2 iris    CDS     35678884        35679603        .       -
        0       Parent=Smp_140620.1
SM_V9_2 iris    gene    35792323        35797831        .       -
        .
ID=Smp_331980;geneID=Smp_331980;gene_name=Smp_331980;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35792323        35797831        .       -
        .
ID=Smp_331980.1;Parent=Smp_331980;geneID=Smp_331980;gene_name=Smp_33
1980;owner=irisadmin@local.host;orig_id=Smp_331980.1;date_last_modif
ied=2022-07-31;Name=Smp_331980.1;product=Alpha-ketoglutarate-
dependent dioxygenase alkB homolog 6;date_creation=2022-07-30
SM_V9_2 iris    exon    35792323        35792740        .       -
        .       Parent=Smp_331980.1;Name=a4da79bb-
eca3-4a94-8797-9100206400ba
SM_V9_2 iris    exon    35792779        35792883        .       -
        .       Parent=Smp_331980.1;Name=6052a3b4-3fd4-4608-bdf8-
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e4b36a262635
SM_V9_2 iris    exon    35794708        35794824        .       -
        .       Parent=Smp_331980.1;Name=d3f38b47-40cf-465c-be72-
cd022df00560
SM_V9_2 iris    exon    35794870        35795088        .       -
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a33d-2cafeb020195
SM_V9_2 iris    exon    35797635        35797831        .       -
        .       Parent=Smp_331980.1;Name=08d347ca-3f69-4c21-
b159-5f80914fb8d6
SM_V9_2 iris    CDS     35792411        35792740        .       -
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SM_V9_2 iris    CDS     35792779        35792883        .       -
        0       Parent=Smp_331980.1
SM_V9_2 iris    CDS     35794708        35794824        .       -
        0       Parent=Smp_331980.1
SM_V9_2 iris    CDS     35794870        35795082        .       -
        0       Parent=Smp_331980.1
SM_V9_2 iris    gene    35811382        35854579        .       +
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35811382        35854579        .       +
        .
ID=Smp_140640.1;Parent=Smp_140640;geneID=Smp_140640;gene_name=Smp_14
0640;owner=irisadmin@local.host;orig_id=Smp_140640.1;date_last_modif
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homolog;date_creation=2022-07-30
SM_V9_2 iris    exon    35811382        35811549        .       +
        .       Parent=Smp_140640.1;Name=9124e188-d40c-41b9-9b1d-
fb1af2912984
SM_V9_2 iris    exon    35811583        35811804        .       +
        .       Parent=Smp_140640.1;Name=c79e4b11-a827-4cff-
bd26-2570bc562d1a
SM_V9_2 iris    exon    35811849        35812140        .       +
        .       Parent=Smp_140640.1;Name=57ae46e8-abe9-419c-
b370-51dc4c95eee9
SM_V9_2 iris    exon    35812177        35812255        .       +
        .       Parent=Smp_140640.1;Name=9e2f0bdb-cb5c-4ede-bb28-
bcb73f06b1e6
SM_V9_2 iris    exon    35818255        35818749        .       +
        .       Parent=Smp_140640.1;Name=e15cb081-8bd4-4934-
b717-25c37469f90c
SM_V9_2 iris    exon    35820000        35820056        .       +
        .       Parent=Smp_140640.1;Name=d56a0d3d-7177-4512-9009-
ad059f01cdd7
SM_V9_2 iris    exon    35820787        35820936        .       +
        .       Parent=Smp_140640.1;Name=a3057cbc-6d75-4dc5-8443-
c9bbab3a29dc
SM_V9_2 iris    exon    35822222        35822344        .       +
        .
Parent=Smp_140640.1;Name=56b66ab3-5dbb-4fc7-9d11-0fd5ee1b1564
SM_V9_2 iris    exon    35823905        35824024        .       +
        .       Parent=Smp_140640.1;Name=fa8881d4-1c24-4557-ad3b-
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c00847f6d7a2
SM_V9_2 iris    exon    35827682        35827718        .       +
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Parent=Smp_140640.1;Name=0c0b530e-9a65-4ac0-86df-8e125a1b1ac6
SM_V9_2 iris    exon    35830535        35830850        .       +
        .       Parent=Smp_140640.1;Name=29d22a40-6416-458e-89af-
b688bb4b54d3
SM_V9_2 iris    exon    35832815        35832990        .       +
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Parent=Smp_140640.1;Name=2ddc22a3-8dd2-49b8-9224-7d18e459234a
SM_V9_2 iris    exon    35834316        35834544        .       +
        .       Parent=Smp_140640.1;Name=d026cb84-8f01-44e6-a6f9-
f8734d7f3862
SM_V9_2 iris    exon    35837228        35837407        .       +
        .       Parent=Smp_140640.1;Name=995f4661-fab0-4b8c-
ae3f-16f412b32377
SM_V9_2 iris    exon    35839122        35839355        .       +
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Parent=Smp_140640.1;Name=b6d310de-12f4-4818-867b-13d051e14baa
SM_V9_2 iris    exon    35842091        35842196        .       +
        .       Parent=Smp_140640.1;Name=29154b12-3d3d-4180-b943-
cfe14717759e
SM_V9_2 iris    exon    35844468        35844550        .       +
        .
Parent=Smp_140640.1;Name=10117938-1a09-4917-8703-6f48373dec5d
SM_V9_2 iris    exon    35849332        35849447        .       +
        .       Parent=Smp_140640.1;Name=1ac39dae-ea7b-45db-b3b0-
d2f72f23c7e5
SM_V9_2 iris    exon    35849804        35849891        .       +
        .       Parent=Smp_140640.1;Name=81e0d78c-8fde-4b08-9f5b-
fa2194531cea
SM_V9_2 iris    exon    35849945        35850031        .       +
        .       Parent=Smp_140640.1;Name=899b7736-
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SM_V9_2 iris    exon    35851560        35851697        .       +
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Parent=Smp_140640.1;Name=e89230a0-8bf4-4d4e-9468-328245a25d36
SM_V9_2 iris    exon    35854247        35854579        .       +
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SM_V9_2 iris    CDS     35811419        35811549        .       +
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SM_V9_2 iris    CDS     35811583        35811804        .       +
        1       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35811849        35812140        .       +
        1       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35812177        35812255        .       +
        0       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35818255        35818749        .       +
        2       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35820000        35820056        .       +
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SM_V9_2 iris    CDS     35822222        35822344        .       +
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        2       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35827682        35827718        .       +
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SM_V9_2 iris    CDS     35830535        35830850        .       +
        1       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35832815        35832990        .       +
        0       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35834316        35834544        .       +
        1       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35837228        35837407        .       +
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SM_V9_2 iris    CDS     35839122        35839355        .       +
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SM_V9_2 iris    CDS     35842091        35842196        .       +
        0       Parent=Smp_140640.1
SM_V9_2 iris    CDS     35844468        35844550        .       +
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SM_V9_2 iris    CDS     35849332        35849447        .       +
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SM_V9_2 iris    CDS     35849804        35849891        .       +
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SM_V9_2 iris    CDS     35849945        35850031        .       +
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SM_V9_2 iris    CDS     35851560        35851697        .       +
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SM_V9_2 iris    CDS     35854247        35854354        .       +
        0       Parent=Smp_140640.1
SM_V9_2 iris    gene    35870649        35871185        .       +
        .
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SM_V9_2 iris    mRNA    35870649        35871185        .       +
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ID=Smp_350140.1;Parent=Smp_350140;geneID=Smp_350140;gene_name=Smp_35
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mp_350140.1;date_creation=2022-08-24
SM_V9_2 iris    exon    35870649        35870725        .       +
        .       Parent=Smp_350140.1;Name=a2e4e720-8d4b-4ad0-ba7e-
d562dd48f275
SM_V9_2 iris    exon    35870759        35870856        .       +
        .
Parent=Smp_350140.1;Name=c0e09bf0-2211-4f84-8df8-69362d182194
SM_V9_2 iris    exon    35870893        35871185        .       +
        .       Parent=Smp_350140.1;Name=bc55a01c-35fe-4033-
a80c-91dddfb48556
SM_V9_2 iris    CDS     35870909        35871091        .       +
        0       Parent=Smp_350140.1
SM_V9_2 iris    mRNA    35870649        35871185        .       +
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ID=Smp_350140.2;Parent=Smp_350140;geneID=Smp_350140;gene_name=Smp_35
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ied=2022-08-24;Name=Smp_350140.2;date_creation=2022-08-24
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SM_V9_2 iris    exon    35871021        35871185        .       +
        .       Parent=Smp_350140.2;Name=9ce58cf9-
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SM_V9_2 iris    CDS     35870909        35870972        .       +
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SM_V9_2 iris    CDS     35871021        35871091        .       +
        2       Parent=Smp_350140.2
SM_V9_2 iris    gene    35871187        35879789        .       +
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SM_V9_2 iris    mRNA    35871187        35879789        .       +
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factor 4A-III;date_creation=2022-08-24
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        .       Parent=Smp_034190.1;Name=eaf379a2-d4ea-40e7-
a4a2-503f818623ec
SM_V9_2 iris    exon    35871487        35871749        .       +
        .       Parent=Smp_034190.1;Name=a8f14038-9df5-4605-b745-
b625f45350ac
SM_V9_2 iris    exon    35872185        35872407        .       +
        .       Parent=Smp_034190.1;Name=5a23aeb7-e92b-42e0-989e-
f64a6dafeb12
SM_V9_2 iris    exon    35876860        35877114        .       +
        .
Parent=Smp_034190.1;Name=a39d8f43-90e5-47de-842e-9a709c29bcaf
SM_V9_2 iris    exon    35879493        35879789        .       +
        .       Parent=Smp_034190.1;Name=ecdd5685-d0a3-45dd-9aba-
f2b2d6a4b9dd
SM_V9_2 iris    CDS     35871206        35871344        .       +
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SM_V9_2 iris    CDS     35871380        35871452        .       +
        2       Parent=Smp_034190.1
SM_V9_2 iris    CDS     35871487        35871749        .       +
        1       Parent=Smp_034190.1
SM_V9_2 iris    CDS     35872185        35872407        .       +
        2       Parent=Smp_034190.1
SM_V9_2 iris    CDS     35876860        35877114        .       +
        1       Parent=Smp_034190.1
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        .       ID=Smp_140650;geneID=Smp_140650
SM_V9_2 Liftoff mRNA    35880176        35895832        .       -
        .
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SM_V9_2 Liftoff exon    35880176        35880344        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff exon    35883166        35883356        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff exon    35886663        35886873        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff exon    35889469        35889784        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff exon    35891388        35891419        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff exon    35891474        35891564        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff exon    35891601        35891750        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff exon    35891795        35895832        .       -
        .       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35880295        35880344        .       -
        2       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35883166        35883356        .       -
        1       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35886663        35886873        .       -
        2       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35889469        35889784        .       -
        0       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35891388        35891419        .       -
        2       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35891474        35891564        .       -
        0       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35891601        35891750        .       -
        0       Parent=Smp_140650.1
SM_V9_2 Liftoff CDS     35891795        35891845        .       -
        0       Parent=Smp_140650.1
SM_V9_2 iris    gene    35903895        35945951        .       +
        .
ID=Smp_212140;geneID=Smp_212140;gene_name=Smp_212140;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35903895        35945951        .       +
        .
ID=Smp_212140.1;Parent=Smp_212140;geneID=Smp_212140;gene_name=Smp_21
2140;owner=irisadmin@local.host;orig_id=Smp_212140.1;date_last_modif
ied=2022-07-31;Name=Smp_212140.1;product=Vam6/Vps39-like
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    35903895        35903915        .       +
        .       Parent=Smp_212140.1;Name=6f6ac24d-aa3a-4142-
b4b2-1ef64c293568
SM_V9_2 iris    exon    35908443        35908946        .       +
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        .
Parent=Smp_212140.1;Name=0caa30fb-39f7-4418-939c-84151458fab6
SM_V9_2 iris    exon    35914408        35914730        .       +
        .       Parent=Smp_212140.1;Name=5c66b905-2703-4bb6-
b499-3fba4a0f02f8
SM_V9_2 iris    exon    35918970        35919365        .       +
        .       Parent=Smp_212140.1;Name=310db0bb-1e25-42f7-b819-
f7370b2f54da
SM_V9_2 iris    exon    35923172        35923480        .       +
        .
Parent=Smp_212140.1;Name=c63a2240-6f63-4a26-8b6b-7c8f93b6172d
SM_V9_2 iris    exon    35926971        35927207        .       +
        .       Parent=Smp_212140.1;Name=617c4e08-4e9b-4263-
b00e-6bcd087406d4
SM_V9_2 iris    exon    35930404        35930823        .       +
        .       Parent=Smp_212140.1;Name=245d5bbb-54ee-4d7d-a887-
cb7424d95bad
SM_V9_2 iris    exon    35932619        35933015        .       +
        .       Parent=Smp_212140.1;Name=37b77334-2218-4be0-
ae05-69eedf1abf06
SM_V9_2 iris    exon    35936178        35936755        .       +
        .       Parent=Smp_212140.1;Name=fe23482e-ba71-4557-
be2a-39efe7d3e821
SM_V9_2 iris    exon    35940655        35940875        .       +
        .
Parent=Smp_212140.1;Name=78aabc5d-7f3e-4ebe-984f-2b4d7eefaa73
SM_V9_2 iris    exon    35941723        35941948        .       +
        .       Parent=Smp_212140.1;Name=76af1605-febc-4ca5-84e1-
f0d1fe8668b4
SM_V9_2 iris    exon    35942613        35942997        .       +
        .
Parent=Smp_212140.1;Name=663d6f77-3649-4b6d-8368-23192343369d
SM_V9_2 iris    exon    35943693        35943838        .       +
        .       Parent=Smp_212140.1;Name=a6c78489-2c4f-4fb7-
b05a-4b2280d76ab7
SM_V9_2 iris    exon    35945559        35945951        .       +
        .       Parent=Smp_212140.1;Name=15452add-1a8f-438d-9a8b-
ce21a23f77d7
SM_V9_2 iris    CDS     35908457        35908946        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35914408        35914730        .       +
        2       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35918970        35919365        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35923172        35923480        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35926971        35927207        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35930404        35930823        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35932619        35933015        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35936178        35936755        .       +
        2       Parent=Smp_212140.1
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SM_V9_2 iris    CDS     35940655        35940875        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35941723        35941948        .       +
        1       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35942613        35942997        .       +
        0       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35943693        35943838        .       +
        2       Parent=Smp_212140.1
SM_V9_2 iris    CDS     35945559        35945804        .       +
        0       Parent=Smp_212140.1
SM_V9_2 Liftoff gene    35946781        35949342        .       -
        .       ID=Smp_328500;geneID=Smp_328500
SM_V9_2 Liftoff mRNA    35946781        35949342        .       -
        .
ID=Smp_328500.1;Parent=Smp_328500;geneID=Smp_328500;product=Low-
density lipoprotein receptor-related protein 1B
SM_V9_2 Liftoff exon    35946781        35949342        .       -
        .       Parent=Smp_328500.1
SM_V9_2 Liftoff CDS     35946990        35947370        .       -
        0       Parent=Smp_328500.1
SM_V9_2 iris    gene    35958082        35964598        .       +
        .
ID=Smp_340680;geneID=Smp_340680;gene_name=Smp_340680;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35958082        35964598        .       +
        .
ID=Smp_340680.1;Parent=Smp_340680;geneID=Smp_340680;gene_name=Smp_34
0680;owner=irisadmin@local.host;orig_id=Smp_340680.1;date_last_modif
ied=2022-07-31;Name=Smp_340680.1;product=Methionine synthase
reductase;date_creation=2022-07-30
SM_V9_2 iris    exon    35958082        35958157        .       +
        .       Parent=Smp_340680.1;Name=5f17aa4b-9fb3-4dbd-
a280-3dcca67ed433
SM_V9_2 iris    exon    35959866        35960197        .       +
        .       Parent=Smp_340680.1;Name=cbf8ff03-c562-4c0e-b376-
ce0f21c0a341
SM_V9_2 iris    exon    35961256        35961645        .       +
        .       Parent=Smp_340680.1;Name=620c9188-6b80-40e2-b7f9-
be6e6f111591
SM_V9_2 iris    exon    35962820        35963307        .       +
        .
Parent=Smp_340680.1;Name=88dd6324-22ca-4aea-949e-3d27b227cc51
SM_V9_2 iris    exon    35963972        35964598        .       +
        .       Parent=Smp_340680.1;Name=5c421768-
a150-462f-82c8-7b4fe9063469
SM_V9_2 iris    CDS     35959866        35960197        .       +
        0       Parent=Smp_340680.1
SM_V9_2 iris    CDS     35961256        35961645        .       +
        1       Parent=Smp_340680.1
SM_V9_2 iris    CDS     35962820        35963114        .       +
        1       Parent=Smp_340680.1
SM_V9_2 iris    gene    35965178        36045852        .       -
        .
ID=Smp_245970;geneID=Smp_245970;gene_name=Smp_245970;owner=irisadmin
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    35965178        36045852        .       -
        .
ID=Smp_245970.1;Parent=Smp_245970;geneID=Smp_245970;gene_name=Smp_24
5970;owner=irisadmin@local.host;orig_id=Smp_245970.1;date_last_modif
ied=2022-07-31;Name=Smp_245970.1;product=Centrosomal protein of 135
kDa;date_creation=2022-07-30
SM_V9_2 iris    exon    35965178        35965684        .       -
        .
Parent=Smp_245970.1;Name=9e41c860-9599-4dff-9cbc-7b458f513580
SM_V9_2 iris    exon    35967137        35967369        .       -
        .       Parent=Smp_245970.1;Name=b80e8727-813e-414b-94a6-
e53f62edc575
SM_V9_2 iris    exon    35969783        35970103        .       -
        .       Parent=Smp_245970.1;Name=30cfc13e-
a51d-4b3a-8ee9-03ff69984bae
SM_V9_2 iris    exon    35973260        35973568        .       -
        .
Parent=Smp_245970.1;Name=d6540fa3-2443-4abf-89e2-5cf5ccc607c0
SM_V9_2 iris    exon    35975842        35976147        .       -
        .       Parent=Smp_245970.1;Name=ecc64e4f-4813-4fc4-
b57c-65e6c52ea0f3
SM_V9_2 iris    exon    35977622        35977861        .       -
        .       Parent=Smp_245970.1;Name=f16d5c79-47f8-4638-ab84-
dc73e632ac6c
SM_V9_2 iris    exon    35980026        35980226        .       -
        .       Parent=Smp_245970.1;Name=ef67e62e-23a3-4909-
b6d5-641bb003c6be
SM_V9_2 iris    exon    35984085        35984303        .       -
        .       Parent=Smp_245970.1;Name=f32c23cd-49ee-439c-b7a6-
cabe62892020
SM_V9_2 iris    exon    35986211        35986411        .       -
        .       Parent=Smp_245970.1;Name=bb3996f8-9beb-4ba3-8107-
ab64e5c5b7f6
SM_V9_2 iris    exon    35988340        35988579        .       -
        .       Parent=Smp_245970.1;Name=b19fd04d-859a-440a-
a802-7985e4247ebf
SM_V9_2 iris    exon    35989179        35989379        .       -
        .       Parent=Smp_245970.1;Name=85fd0067-7159-4c4a-83b9-
c64cc6034be9
SM_V9_2 iris    exon    35989717        35989893        .       -
        .       Parent=Smp_245970.1;Name=858e5066-aff2-469f-a992-
dcd431906c51
SM_V9_2 iris    exon    35990835        35990897        .       -
        .       Parent=Smp_245970.1;Name=2fcd84a9-0dad-46e5-
a279-9253200a81dc
SM_V9_2 iris    exon    35999104        35999196        .       -
        .       Parent=Smp_245970.1;Name=0a54dfe1-5a19-4e78-
b3e1-42ad278f514b
SM_V9_2 iris    exon    36003589        36003717        .       -
        .       Parent=Smp_245970.1;Name=28351eb5-b03f-4b31-
ab7d-50552fb79efb
SM_V9_2 iris    exon    36007647        36007954        .       -
        .       Parent=Smp_245970.1;Name=b8a1e108-63a3-44b6-846d-
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c7b2fca29592
SM_V9_2 iris    exon    36010982        36011132        .       -
        .       Parent=Smp_245970.1;Name=e5c717cf-3bb7-4e8b-9153-
a39030b496a7
SM_V9_2 iris    exon    36035993        36036177        .       -
        .       Parent=Smp_245970.1;Name=c0a2006d-bb63-4472-
a43e-783bba7fc7d6
SM_V9_2 iris    exon    36036849        36037057        .       -
        .       Parent=Smp_245970.1;Name=92f7c966-ab18-4ccd-
b699-1c72f91a2c71
SM_V9_2 iris    exon    36045526        36045852        .       -
        .
Parent=Smp_245970.1;Name=aba23414-710c-4022-82cb-8e5ced1f9f76
SM_V9_2 iris    CDS     35965609        35965684        .       -
        1       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35967137        35967369        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35969783        35970103        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35973260        35973568        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35975842        35976147        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35977622        35977861        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35980026        35980226        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35984085        35984303        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35986211        35986411        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35988340        35988579        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35989179        35989379        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35989717        35989893        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35990835        35990897        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     35999104        35999196        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     36003589        36003717        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     36007647        36007954        .       -
        2       Parent=Smp_245970.1
SM_V9_2 iris    CDS     36010982        36011132        .       -
        0       Parent=Smp_245970.1
SM_V9_2 iris    CDS     36035993        36036177        .       -
        2       Parent=Smp_245970.1
SM_V9_2 iris    CDS     36036849        36037035        .       -
        0       Parent=Smp_245970.1
SM_V9_2 Liftoff gene    36061479        36062171        .       -
        .       ID=Smp_140680;geneID=Smp_140680
SM_V9_2 Liftoff mRNA    36061479        36062171        .       -
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        .
ID=Smp_140680.1;Parent=Smp_140680;geneID=Smp_140680;product=Endothel
ial differentiation-related factor
1;polypeptide_domain=InterPro:IPR001387,IPR010982,IPR013729
Pfam:PF01381,PF08523;Ontology_term=GO:0003677,GO:0043565
SM_V9_2 Liftoff exon    36061479        36061776        .       -
        .       Parent=Smp_140680.1
SM_V9_2 Liftoff exon    36061811        36062044        .       -
        .       Parent=Smp_140680.1
SM_V9_2 Liftoff exon    36062083        36062171        .       -
        .       Parent=Smp_140680.1
SM_V9_2 Liftoff CDS     36061645        36061776        .       -
        0       Parent=Smp_140680.1
SM_V9_2 Liftoff CDS     36061811        36062044        .       -
        0       Parent=Smp_140680.1
SM_V9_2 Liftoff CDS     36062083        36062121        .       -
        0       Parent=Smp_140680.1
SM_V9_2 Liftoff gene    36071638        36097988        .       +
        .       ID=Smp_140690;geneID=Smp_140690
SM_V9_2 Liftoff mRNA    36071638        36097988        .       +
        .
ID=Smp_140690.1;Parent=Smp_140690;geneID=Smp_140690;product=DNA-
directed RNA polymerase I subunit
RPA2;polypeptide_domain=InterPro:IPR007120,IPR007641,IPR007642,IPR00
7644,IPR007645,IPR009674,IPR015712
Pfam:PF00562,PF04560,PF04563,PF04565,PF06883;Ontology_term=GO:000367
7,GO:0003899,GO:0005634,GO:0006351,GO:0032549
SM_V9_2 Liftoff exon    36071638        36071753        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36071790        36071846        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36071884        36071946        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36071985        36072245        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36072281        36072379        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36073236        36073331        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36074048        36074124        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36074845        36074991        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36077555        36077608        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36080455        36080572        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36083128        36083209        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36083666        36084000        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36085074        36085616        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36088304        36088507        .       +
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        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36090442        36090613        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36091537        36091733        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36092781        36093009        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36093635        36093843        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36094698        36094865        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff exon    36097672        36097988        .       +
        .       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36071679        36071753        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36071790        36071846        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36071884        36071946        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36071985        36072245        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36072281        36072379        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36073236        36073331        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36074048        36074124        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36074845        36074991        .       +
        1       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36077555        36077608        .       +
        1       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36080455        36080572        .       +
        1       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36083128        36083209        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36083666        36084000        .       +
        2       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36085074        36085616        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36088304        36088507        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36090442        36090613        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36091537        36091733        .       +
        2       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36092781        36093009        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36093635        36093843        .       +
        2       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36094698        36094865        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff CDS     36097672        36097956        .       +
        0       Parent=Smp_140690.1
SM_V9_2 Liftoff gene    36112918        36142312        .       +
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        .       ID=Smp_034270;geneID=Smp_034270
SM_V9_2 Liftoff mRNA    36112918        36142312        .       +
        .
ID=Smp_034270.1;Parent=Smp_034270;geneID=Smp_034270;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR013243 Pfam:PF08313
SM_V9_2 Liftoff exon    36112918        36113151        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36113185        36113238        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36113275        36113313        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36113352        36113453        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36113497        36114933        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36117223        36117302        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36126125        36126216        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36127618        36128509        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36131623        36131725        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff exon    36140857        36142312        .       +
        .       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36113148        36113151        .       +
        0       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36113185        36113238        .       +
        2       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36113275        36113313        .       +
        2       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36113352        36113453        .       +
        2       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36113497        36114933        .       +
        2       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36117223        36117302        .       +
        2       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36126125        36126216        .       +
        0       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36127618        36128509        .       +
        1       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36131623        36131725        .       +
        0       Parent=Smp_034270.1
SM_V9_2 Liftoff CDS     36140857        36141629        .       +
        2       Parent=Smp_034270.1
SM_V9_2 Liftoff gene    36153998        36175061        .       +
        .       ID=Smp_140700;geneID=Smp_140700
SM_V9_2 Liftoff mRNA    36153998        36175061        .       +
        .
ID=Smp_140700.1;Parent=Smp_140700;geneID=Smp_140700;product=Serine/
threonine kinase
NLK;polypeptide_domain=InterPro:IPR000719,IPR003527,IPR008271,IPR011
009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0004707,GO:0005524,GO:00064
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68
SM_V9_2 Liftoff exon    36153998        36154490        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36154521        36154650        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36154685        36154740        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36154776        36154882        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36154914        36154999        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36156085        36156285        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36161403        36161660        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36164472        36164895        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36167402        36167501        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff exon    36173927        36175061        .       +
        .       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36154123        36154490        .       +
        0       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36154521        36154650        .       +
        1       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36154685        36154740        .       +
        0       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36154776        36154882        .       +
        1       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36154914        36154999        .       +
        2       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36156085        36156285        .       +
        0       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36161403        36161660        .       +
        0       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36164472        36164895        .       +
        0       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36167402        36167501        .       +
        2       Parent=Smp_140700.1
SM_V9_2 Liftoff CDS     36173927        36173948        .       +
        1       Parent=Smp_140700.1
SM_V9_2 iris    gene    36185360        36191242        .       +
        .
ID=Smp_102480;geneID=Smp_102480;gene_name=Smp_102480;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    36185360        36191242        .       +
        .
ID=Smp_102480.1;Parent=Smp_102480;geneID=Smp_102480;gene_name=Smp_10
2480;owner=irisadmin@local.host;orig_id=Smp_102480.1;date_last_modif
ied=2022-07-31;Name=Smp_102480.1;product=Acetylglutamate
kinase;date_creation=2022-07-31
SM_V9_2 iris    exon    36185360        36185406        .       +
        .
Parent=Smp_102480.1;Name=33024e0e-05f4-47d3-8c05-63c2f5602fc0
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SM_V9_2 iris    exon    36189151        36189337        .       +
        .       Parent=Smp_102480.1;Name=7b06c656-6e81-4105-9bbb-
ffd0f8ab8436
SM_V9_2 iris    exon    36189392        36189461        .       +
        .       Parent=Smp_102480.1;Name=6f5f1410-5630-4c49-
b25e-9b5d0638e389
SM_V9_2 iris    exon    36190391        36191242        .       +
        .       Parent=Smp_102480.1;Name=93410100-ed58-40a1-
abf4-6c9669ce5743
SM_V9_2 iris    CDS     36189282        36189337        .       +
        0       Parent=Smp_102480.1
SM_V9_2 iris    CDS     36189392        36189461        .       +
        1       Parent=Smp_102480.1
SM_V9_2 iris    CDS     36190391        36190579        .       +
        0       Parent=Smp_102480.1
SM_V9_2 iris    gene    36198834        36202474        .       -
        .
ID=Smp_102490;geneID=Smp_102490;gene_name=Smp_102490;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36198834        36202474        .       -
        .
ID=Smp_102490.1;Parent=Smp_102490;geneID=Smp_102490;gene_name=Smp_10
2490;owner=irisadmin@local.host;orig_id=Smp_102490.1;date_last_modif
ied=2022-07-31;Name=Smp_102490.1;product=39S ribosomal protein L30,
mitochondrial;date_creation=2022-07-30
SM_V9_2 iris    exon    36198834        36199310        .       -
        .       Parent=Smp_102490.1;Name=1fa5ea6a-24bc-424c-9269-
c887ce8f2e3e
SM_V9_2 iris    exon    36200448        36200708        .       -
        .       Parent=Smp_102490.1;Name=07a2a64a-
ff02-4a62-9209-3a82194f4fff
SM_V9_2 iris    exon    36200741        36201087        .       -
        .
Parent=Smp_102490.1;Name=0b24bde9-5a67-49be-8ff4-5ee4688238ac
SM_V9_2 iris    exon    36202408        36202474        .       -
        .       Parent=Smp_102490.1;Name=94596da6-
f1d5-4a42-8c5b-119b1a86e77d
SM_V9_2 iris    CDS     36199017        36199310        .       -
        0       Parent=Smp_102490.1
SM_V9_2 iris    CDS     36200448        36200708        .       -
        0       Parent=Smp_102490.1
SM_V9_2 iris    CDS     36200741        36201037        .       -
        0       Parent=Smp_102490.1
SM_V9_2 Liftoff gene    36212138        36214048        .       +
        .
ID=Smp_332350;geneID=Smp_332350;previous_systematic_id=Smp_179120
SM_V9_2 Liftoff mRNA    36212138        36214048        .       +
        .
ID=Smp_332350.1;Parent=Smp_332350;geneID=Smp_332350;product=Kunitz-
type serine protease inhibitor Vur-
KIn;polypeptide_domain=InterPro:IPR002223,IPR020901
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    36212138        36214048        .       +
        .       Parent=Smp_332350.1
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SM_V9_2 Liftoff CDS     36213708        36213965        .       +
        0       Parent=Smp_332350.1
SM_V9_2 Liftoff gene    36221729        36223974        .       -
        .
ID=Smp_311700;geneID=Smp_311700;previous_systematic_id=Smp_179120
SM_V9_2 Liftoff mRNA    36221729        36223974        .       -
        .
ID=Smp_311700.1;Parent=Smp_311700;geneID=Smp_311700;product=Kunitz-
type serine protease inhibitor Vur-
KIn;polypeptide_domain=InterPro:IPR002223,IPR020901
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    36221729        36223974        .       -
        .       Parent=Smp_311700.1
SM_V9_2 Liftoff CDS     36222145        36222402        .       -
        0       Parent=Smp_311700.1
SM_V9_2 Liftoff gene    36229618        36233364        .       -
        .       ID=Smp_328510;geneID=Smp_328510
SM_V9_2 Liftoff mRNA    36229618        36233364        .       -
        .
ID=Smp_328510.1;Parent=Smp_328510;geneID=Smp_328510;product=Zinc
finger protein 711
SM_V9_2 Liftoff exon    36229618        36229731        .       -
        .       Parent=Smp_328510.1
SM_V9_2 Liftoff exon    36230179        36230241        .       -
        .       Parent=Smp_328510.1
SM_V9_2 Liftoff exon    36230710        36230730        .       -
        .       Parent=Smp_328510.1
SM_V9_2 Liftoff exon    36231311        36231367        .       -
        .       Parent=Smp_328510.1
SM_V9_2 Liftoff exon    36232441        36232451        .       -
        .       Parent=Smp_328510.1
SM_V9_2 Liftoff exon    36233263        36233364        .       -
        .       Parent=Smp_328510.1
SM_V9_2 Liftoff CDS     36229726        36229731        .       -
        0       Parent=Smp_328510.1
SM_V9_2 Liftoff CDS     36230179        36230241        .       -
        0       Parent=Smp_328510.1
SM_V9_2 Liftoff CDS     36230710        36230730        .       -
        0       Parent=Smp_328510.1
SM_V9_2 Liftoff CDS     36231311        36231367        .       -
        0       Parent=Smp_328510.1
SM_V9_2 Liftoff CDS     36232441        36232451        .       -
        2       Parent=Smp_328510.1
SM_V9_2 Liftoff CDS     36233263        36233329        .       -
        0       Parent=Smp_328510.1
SM_V9_2 Liftoff gene    36241844        36245639        .       +
        .       ID=Smp_328520;geneID=Smp_328520
SM_V9_2 Liftoff mRNA    36241844        36245593        .       +
        .
ID=Smp_328520.2;Parent=Smp_328520;geneID=Smp_328520;product=Zinc
finger protein 711
SM_V9_2 Liftoff exon    36241844        36241947        .       +
        .       Parent=Smp_328520.2
SM_V9_2 Liftoff exon    36242759        36242769        .       +
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        .       Parent=Smp_328520.2
SM_V9_2 Liftoff exon    36243843        36243899        .       +
        .       Parent=Smp_328520.2
SM_V9_2 Liftoff exon    36244480        36244500        .       +
        .       Parent=Smp_328520.2
SM_V9_2 Liftoff exon    36244969        36245031        .       +
        .       Parent=Smp_328520.2
SM_V9_2 Liftoff exon    36245479        36245593        .       +
        .       Parent=Smp_328520.2
SM_V9_2 Liftoff CDS     36241881        36241947        .       +
        0       Parent=Smp_328520.2
SM_V9_2 Liftoff CDS     36242759        36242769        .       +
        2       Parent=Smp_328520.2
SM_V9_2 Liftoff CDS     36243843        36243899        .       +
        0       Parent=Smp_328520.2
SM_V9_2 Liftoff CDS     36244480        36244500        .       +
        0       Parent=Smp_328520.2
SM_V9_2 Liftoff CDS     36244969        36245031        .       +
        0       Parent=Smp_328520.2
SM_V9_2 Liftoff CDS     36245479        36245484        .       +
        0       Parent=Smp_328520.2
SM_V9_2 Liftoff mRNA    36241848        36245639        .       +
        .
ID=Smp_328520.1;Parent=Smp_328520;geneID=Smp_328520;product=Pentatri
copeptide repeat-containing protein At1g62590
SM_V9_2 Liftoff exon    36241848        36241947        .       +
        .       Parent=Smp_328520.1
SM_V9_2 Liftoff exon    36242759        36242769        .       +
        .       Parent=Smp_328520.1
SM_V9_2 Liftoff exon    36243843        36243899        .       +
        .       Parent=Smp_328520.1
SM_V9_2 Liftoff exon    36244480        36245639        .       +
        .       Parent=Smp_328520.1
SM_V9_2 Liftoff CDS     36241881        36241947        .       +
        0       Parent=Smp_328520.1
SM_V9_2 Liftoff CDS     36242759        36242769        .       +
        2       Parent=Smp_328520.1
SM_V9_2 Liftoff CDS     36243843        36243899        .       +
        0       Parent=Smp_328520.1
SM_V9_2 Liftoff CDS     36244480        36244560        .       +
        0       Parent=Smp_328520.1
SM_V9_2 iris    gene    36261708        36289630        .       +
        .
ID=Smp_034300;geneID=Smp_034300;gene_name=Smp_034300;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36261708        36289630        .       +
        .
ID=Smp_034300.1;Parent=Smp_034300;geneID=Smp_034300;gene_name=Smp_03
4300;owner=irisadmin@local.host;orig_id=Smp_034300.1;date_last_modif
ied=2022-07-31;Name=Smp_034300.1;product=Transcription factor
ETV6;date_creation=2022-07-30
SM_V9_2 iris    exon    36261708        36261738        .       +
        .       Parent=Smp_034300.1;Name=3d690aaa-
ed03-4313-8956-2f62228d51b8
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SM_V9_2 iris    exon    36263543        36264102        .       +
        .       Parent=Smp_034300.1;Name=3fbc7188-44a4-4e98-897b-
d3806c0fcb7c
SM_V9_2 iris    exon    36284634        36286278        .       +
        .       Parent=Smp_034300.1;Name=d00d3575-
e745-4528-91f5-5fb6481329b8
SM_V9_2 iris    exon    36287547        36289630        .       +
        .       Parent=Smp_034300.1;Name=27fd0f20-
e6cb-4f7d-8538-47e447c76014
SM_V9_2 iris    CDS     36263655        36264102        .       +
        0       Parent=Smp_034300.1
SM_V9_2 iris    CDS     36284634        36286278        .       +
        2       Parent=Smp_034300.1
SM_V9_2 iris    CDS     36287547        36287625        .       +
        1       Parent=Smp_034300.1
SM_V9_2 iris    gene    36336846        36350089        .       +
        .
ID=Smp_140720;geneID=Smp_140720;gene_name=Smp_140720;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    36336846        36350089        .       +
        .
ID=Smp_140720.1;Parent=Smp_140720;geneID=Smp_140720;gene_name=Smp_14
0720;owner=irisadmin@local.host;orig_id=Smp_140720.1;date_last_modif
ied=2022-08-24;Name=Smp_140720.1;product=Phytochrome
A;date_creation=2022-08-24
SM_V9_2 iris    exon    36336846        36336882        .       +
        .
Parent=Smp_140720.1;Name=69a82fd3-3817-4367-9a17-7a6c3c0ba8b6
SM_V9_2 iris    exon    36343801        36344063        .       +
        .
Parent=Smp_140720.1;Name=294f9657-0eec-4647-9dfe-391392052559
SM_V9_2 iris    exon    36346408        36346496        .       +
        .       Parent=Smp_140720.1;Name=c42ee453-
c723-4229-93fd-6fe6dc884089
SM_V9_2 iris    exon    36347338        36347390        .       +
        .       Parent=Smp_140720.1;Name=3757f6a2-d0c0-4b29-
a077-2de777dcdb29
SM_V9_2 iris    exon    36349709        36350089        .       +
        .
Parent=Smp_140720.1;Name=fef05c1d-989c-4f2b-8f12-8368109fed35
SM_V9_2 iris    CDS     36343804        36344063        .       +
        0       Parent=Smp_140720.1
SM_V9_2 iris    CDS     36346408        36346496        .       +
        1       Parent=Smp_140720.1
SM_V9_2 iris    CDS     36347338        36347390        .       +
        2       Parent=Smp_140720.1
SM_V9_2 iris    CDS     36349709        36349987        .       +
        0       Parent=Smp_140720.1
SM_V9_2 iris    gene    36364728        36373133        .       +
        .
ID=Smp_140730;geneID=Smp_140730;gene_name=Smp_140730;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36364728        36373133        .       +
        .
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ID=Smp_140730.1;Parent=Smp_140730;geneID=Smp_140730;gene_name=Smp_14
0730;owner=irisadmin@local.host;orig_id=Smp_140730.1;date_last_modif
ied=2022-07-31;Name=Smp_140730.1;product=Homeobox protein
bagpipe;date_creation=2022-07-30
SM_V9_2 iris    exon    36364728        36365043        .       +
        .       Parent=Smp_140730.1;Name=180bc6c6-fb1c-47da-
aee5-9e9e8c5517af
SM_V9_2 iris    exon    36366618        36367579        .       +
        .       Parent=Smp_140730.1;Name=e15de742-02b5-4cfa-b0ca-
f22677219121
SM_V9_2 iris    exon    36372201        36373133        .       +
        .       Parent=Smp_140730.1;Name=6438abb9-cf29-47fb-a6a3-
ef22e51d5976
SM_V9_2 iris    CDS     36364773        36365043        .       +
        0       Parent=Smp_140730.1
SM_V9_2 iris    CDS     36366618        36367579        .       +
        2       Parent=Smp_140730.1
SM_V9_2 iris    CDS     36372201        36372920        .       +
        0       Parent=Smp_140730.1
SM_V9_2 iris    gene    36397009        36473044        .       -
        .
ID=Smp_245960;geneID=Smp_245960;gene_name=Smp_245960;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36397009        36473044        .       -
        .
ID=Smp_245960.1;Parent=Smp_245960;geneID=Smp_245960;gene_name=Smp_24
5960;owner=irisadmin@local.host;orig_id=Smp_245960.1;date_last_modif
ied=2022-07-31;Name=Smp_245960.1;product=Ectopic P granules protein
5 homolog;date_creation=2022-07-30
SM_V9_2 iris    exon    36397009        36398202        .       -
        .       Parent=Smp_245960.1;Name=08014f26-00ed-40c4-bb22-
bbe94de1a242
SM_V9_2 iris    exon    36398746        36399066        .       -
        .
Parent=Smp_245960.1;Name=4e5f7b80-70d3-478e-8a98-51650dd0add4
SM_V9_2 iris    exon    36400132        36400408        .       -
        .       Parent=Smp_245960.1;Name=d69fc118-332e-420f-afa7-
a64c2b915f1c
SM_V9_2 iris    exon    36403595        36404038        .       -
        .       Parent=Smp_245960.1;Name=e3536185-1373-4566-
ab41-9d7f7af215a6
SM_V9_2 iris    exon    36405732        36406339        .       -
        .       Parent=Smp_245960.1;Name=7ee2e131-0165-48bd-8a22-
a6abb3129f72
SM_V9_2 iris    exon    36407414        36407580        .       -
        .       Parent=Smp_245960.1;Name=51a5499a-0604-4767-
a1e9-32432c87e422
SM_V9_2 iris    exon    36409566        36409853        .       -
        .       Parent=Smp_245960.1;Name=a641fb8e-caf3-41a0-
b012-5499deadcc02
SM_V9_2 iris    exon    36411346        36411701        .       -
        .       Parent=Smp_245960.1;Name=51a41c1a-49b2-4db0-
a661-625c74f9ba2c
SM_V9_2 iris    exon    36412898        36413122        .       -
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        .       Parent=Smp_245960.1;Name=8ffc188f-3a49-418d-
a484-8d457a2480b2
SM_V9_2 iris    exon    36414216        36414459        .       -
        .       Parent=Smp_245960.1;Name=2a822730-cde2-4e54-a66c-
eefaefc54b67
SM_V9_2 iris    exon    36415008        36415111        .       -
        .       Parent=Smp_245960.1;Name=e794b917-
fac1-4404-940a-5d8d6a65c0a7
SM_V9_2 iris    exon    36416469        36416550        .       -
        .       Parent=Smp_245960.1;Name=099e6cda-f29d-400c-
b427-9be2e34f4559
SM_V9_2 iris    exon    36418852        36419013        .       -
        .       Parent=Smp_245960.1;Name=13bf89d2-1911-4281-
b0f1-0b11a16c6766
SM_V9_2 iris    exon    36420111        36420340        .       -
        .
Parent=Smp_245960.1;Name=5b5f2df1-8f02-4134-8394-9cbf859d00eb
SM_V9_2 iris    exon    36421787        36422058        .       -
        .       Parent=Smp_245960.1;Name=53efae1c-2d9b-4830-867d-
c470c60395f7
SM_V9_2 iris    exon    36422713        36422998        .       -
        .       Parent=Smp_245960.1;Name=74b60c14-f5ad-4446-9ad4-
b72e2f627771
SM_V9_2 iris    exon    36424426        36424579        .       -
        .       Parent=Smp_245960.1;Name=3b38f9ae-0e19-4e02-
ae9d-50ac0e51b049
SM_V9_2 iris    exon    36427531        36427685        .       -
        .       Parent=Smp_245960.1;Name=845c051d-3b74-4615-88a1-
ca325c9752dd
SM_V9_2 iris    exon    36428893        36429040        .       -
        .       Parent=Smp_245960.1;Name=98128b8a-
faf2-420d-94a7-6838d29696f3
SM_V9_2 iris    exon    36435168        36435303        .       -
        .       Parent=Smp_245960.1;Name=ac3452fa-235b-4f28-
b2d6-161f4b61b531
SM_V9_2 iris    exon    36436878        36437123        .       -
        .       Parent=Smp_245960.1;Name=fcf4f163-b3b1-4af0-95f4-
d46134288cbf
SM_V9_2 iris    exon    36441540        36441895        .       -
        .       Parent=Smp_245960.1;Name=623167f8-b8c4-40f6-
aa44-9d45b05c7cd8
SM_V9_2 iris    exon    36444687        36445253        .       -
        .       Parent=Smp_245960.1;Name=08ec7426-232e-4393-91b9-
bfaeabfcffcc
SM_V9_2 iris    exon    36447473        36448690        .       -
        .
Parent=Smp_245960.1;Name=46af1c55-65ae-4043-99d7-698f13dfdfc6
SM_V9_2 iris    exon    36449565        36449747        .       -
        .       Parent=Smp_245960.1;Name=41922d0f-c47d-4300-abc3-
f0596ba9023c
SM_V9_2 iris    exon    36451851        36452018        .       -
        .       Parent=Smp_245960.1;Name=4a8b542e-
e90e-4e47-9573-862902313838
SM_V9_2 iris    exon    36456267        36456587        .       -
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        .       Parent=Smp_245960.1;Name=87c24e47-fb6a-4313-8b69-
d46e682b4999
SM_V9_2 iris    exon    36457300        36457927        .       -
        .       Parent=Smp_245960.1;Name=e3a8461a-2578-4d71-
a20d-90504899e836
SM_V9_2 iris    exon    36459521        36460030        .       -
        .       Parent=Smp_245960.1;Name=f90cac61-1934-41a0-b02f-
ff996a6d530c
SM_V9_2 iris    exon    36461785        36462005        .       -
        .       Parent=Smp_245960.1;Name=e5fadeda-
a327-40ef-8d0d-94803d785fba
SM_V9_2 iris    exon    36463140        36463306        .       -
        .       Parent=Smp_245960.1;Name=855877ae-d99d-4042-a2cd-
fb568c8e8327
SM_V9_2 iris    exon    36467844        36467926        .       -
        .       Parent=Smp_245960.1;Name=df40240f-6c99-4134-8a4e-
f10f84d777c6
SM_V9_2 iris    exon    36470471        36470631        .       -
        .
Parent=Smp_245960.1;Name=2b27b1a9-8b85-4e29-9c77-69b680b0a074
SM_V9_2 iris    exon    36472257        36472460        .       -
        .
Parent=Smp_245960.1;Name=340700e6-7c18-43e6-962a-9e87ebeda747
SM_V9_2 iris    exon    36472495        36472944        .       -
        .       Parent=Smp_245960.1;Name=1f094384-887e-4c4a-8bec-
c5a7721d2eb3
SM_V9_2 iris    exon    36472975        36473044        .       -
        .       Parent=Smp_245960.1;Name=7de86499-3148-44ac-ae64-
f54ecf2390eb
SM_V9_2 iris    CDS     36397809        36398202        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36398746        36399066        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36400132        36400408        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36403595        36404038        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36405732        36406339        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36407414        36407580        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36409566        36409853        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36411346        36411701        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36412898        36413122        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36414216        36414459        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36415008        36415111        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36416469        36416550        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36418852        36419013        .       -
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        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36420111        36420340        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36421787        36422058        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36422713        36422998        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36424426        36424579        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36427531        36427685        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36428893        36429040        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36435168        36435303        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36436878        36437123        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36441540        36441895        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36444687        36445253        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36447473        36448690        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36449565        36449747        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36451851        36452018        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36456267        36456587        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36457300        36457927        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36459521        36460030        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36461785        36462005        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36463140        36463306        .       -
        2       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36467844        36467926        .       -
        1       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36470471        36470631        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36472257        36472460        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36472495        36472944        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    CDS     36472975        36473010        .       -
        0       Parent=Smp_245960.1
SM_V9_2 iris    gene    36492036        36509084        .       -
        .
ID=Smp_140760;geneID=Smp_140760;gene_name=Smp_140760;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36492036        36509084        .       -
        .
ID=Smp_140760.1;Parent=Smp_140760;geneID=Smp_140760;gene_name=Smp_14
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0760;owner=irisadmin@local.host;orig_id=Smp_140760.1;date_last_modif
ied=2022-07-31;Name=Smp_140760.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    36492036        36494301        .       -
        .       Parent=Smp_140760.1;Name=6147012b-
a770-40e1-8c5d-938c0e1e261a
SM_V9_2 iris    exon    36499027        36499325        .       -
        .       Parent=Smp_140760.1;Name=8e9f8295-e14b-4d45-be7b-
dcde3454be15
SM_V9_2 iris    exon    36501599        36502011        .       -
        .       Parent=Smp_140760.1;Name=408ed217-9588-4f61-
bb2d-906640abbacb
SM_V9_2 iris    exon    36508437        36509084        .       -
        .       Parent=Smp_140760.1;Name=8a91803c-09d1-4fbf-9623-
f1b6f0a03435
SM_V9_2 iris    CDS     36493115        36494301        .       -
        2       Parent=Smp_140760.1
SM_V9_2 iris    CDS     36499027        36499325        .       -
        1       Parent=Smp_140760.1
SM_V9_2 iris    CDS     36501599        36502011        .       -
        0       Parent=Smp_140760.1
SM_V9_2 iris    CDS     36508437        36508835        .       -
        0       Parent=Smp_140760.1
SM_V9_2 iris    gene    36521836        36564006        .       +
        .
ID=Smp_140770;geneID=Smp_140770;gene_name=Smp_140770;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36521836        36564006        .       +
        .
ID=Smp_140770.1;Parent=Smp_140770;geneID=Smp_140770;gene_name=Smp_14
0770;owner=irisadmin@local.host;orig_id=Smp_140770.1;date_last_modif
ied=2022-07-31;Name=Smp_140770.1;product=Serine/threonine-protein
phosphatase with EF-hands pef-1;date_creation=2022-07-30
SM_V9_2 iris    exon    36521836        36521990        .       +
        .       Parent=Smp_140770.1;Name=ae8f3d0c-dbe0-4f82-
a0df-5113e09902a1
SM_V9_2 iris    exon    36526916        36526981        .       +
        .       Parent=Smp_140770.1;Name=243c4d36-bafb-40a4-9b20-
e1b1730135e6
SM_V9_2 iris    exon    36532146        36532273        .       +
        .       Parent=Smp_140770.1;Name=101d326f-b6f0-4462-
bcbf-361c81451b3b
SM_V9_2 iris    exon    36533691        36533781        .       +
        .
Parent=Smp_140770.1;Name=8a23b7f6-2459-4006-9e83-54d4cdc28b17
SM_V9_2 iris    exon    36537698        36537840        .       +
        .       Parent=Smp_140770.1;Name=6a6e3172-3ce2-4424-adb5-
b57e477c8afe
SM_V9_2 iris    exon    36546605        36546766        .       +
        .
Parent=Smp_140770.1;Name=0975e23f-5602-4fee-9b23-06aecb4dd60c
SM_V9_2 iris    exon    36547526        36547692        .       +
        .       Parent=Smp_140770.1;Name=53efe8c1-e7d7-4dcc-
b5c2-20f2cc8b9823
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SM_V9_2 iris    exon    36549172        36549208        .       +
        .       Parent=Smp_140770.1;Name=8aaf9988-9fad-49f2-8e03-
cd3a1142fc2f
SM_V9_2 iris    exon    36551132        36551281        .       +
        .       Parent=Smp_140770.1;Name=8556b6dd-504f-4f8d-
bc35-37c224075b25
SM_V9_2 iris    exon    36553045        36553104        .       +
        .       Parent=Smp_140770.1;Name=03b26da2-3d45-4fa8-b1fa-
b2e887cdfadc
SM_V9_2 iris    exon    36554343        36554671        .       +
        .       Parent=Smp_140770.1;Name=1b5baeba-fc6d-4c95-
a1cf-930f1becc2d9
SM_V9_2 iris    exon    36557030        36557136        .       +
        .       Parent=Smp_140770.1;Name=953a190e-
cfb4-4060-9d49-79b49adf4f97
SM_V9_2 iris    exon    36559479        36559645        .       +
        .       Parent=Smp_140770.1;Name=55ba5a6c-498e-4436-891d-
be0847fe342f
SM_V9_2 iris    exon    36561472        36561556        .       +
        .       Parent=Smp_140770.1;Name=5ac0f64e-6da5-4216-
b132-0facacb66410
SM_V9_2 iris    exon    36563012        36564006        .       +
        .       Parent=Smp_140770.1;Name=4f1ec6f2-5b3c-402e-8ca2-
e6d0666eaf04
SM_V9_2 iris    CDS     36521927        36521990        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36526916        36526981        .       +
        2       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36532146        36532273        .       +
        2       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36533691        36533781        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36537698        36537840        .       +
        2       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36546605        36546766        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36547526        36547692        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36549172        36549208        .       +
        1       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36551132        36551281        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36553045        36553104        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36554343        36554671        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36557030        36557136        .       +
        1       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36559479        36559645        .       +
        2       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36561472        36561556        .       +
        0       Parent=Smp_140770.1
SM_V9_2 iris    CDS     36563012        36563223        .       +
        2       Parent=Smp_140770.1
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SM_V9_2 Liftoff gene    36569377        36576762        .       -
        .       ID=Smp_034400;geneID=Smp_034400
SM_V9_2 Liftoff mRNA    36569377        36576762        .       -
        .
ID=Smp_034400.1;Parent=Smp_034400;geneID=Smp_034400;product=AP-3
complex subunit
sigma-1;polypeptide_domain=InterPro:IPR000804,IPR011012,IPR022775
Pfam:PF01217;Ontology_term=GO:0006810,GO:0006886,GO:0016192,GO:00301
17
SM_V9_2 Liftoff exon    36569377        36569677        .       -
        .       Parent=Smp_034400.1
SM_V9_2 Liftoff exon    36571717        36571824        .       -
        .       Parent=Smp_034400.1
SM_V9_2 Liftoff exon    36571874        36572057        .       -
        .       Parent=Smp_034400.1
SM_V9_2 Liftoff exon    36572098        36572189        .       -
        .       Parent=Smp_034400.1
SM_V9_2 Liftoff exon    36572228        36576762        .       -
        .       Parent=Smp_034400.1
SM_V9_2 Liftoff CDS     36569555        36569677        .       -
        0       Parent=Smp_034400.1
SM_V9_2 Liftoff CDS     36571717        36571824        .       -
        0       Parent=Smp_034400.1
SM_V9_2 Liftoff CDS     36571874        36572057        .       -
        1       Parent=Smp_034400.1
SM_V9_2 Liftoff CDS     36572098        36572189        .       -
        0       Parent=Smp_034400.1
SM_V9_2 Liftoff CDS     36572228        36572296        .       -
        0       Parent=Smp_034400.1
SM_V9_2 Liftoff gene    36586096        36594665        .       +
        .       ID=Smp_034410;geneID=Smp_034410
SM_V9_2 Liftoff mRNA    36586096        36594665        .       +
        .
ID=Smp_034410.1;Parent=Smp_034410;geneID=Smp_034410;product=cathepsi
n L;evidence=Traceable Author
Statement;literature=PMID:7838171;polypeptide_domain=InterPro:IPR000
169,IPR000668,IPR013201,IPR025660,IPR025661
Pfam:PF00112,PF08246;Ontology_term=GO:0006508,GO:0008234
SM_V9_2 Liftoff exon    36586096        36586354        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff exon    36586391        36586510        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff exon    36586548        36586661        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff exon    36587777        36587861        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff exon    36587905        36588018        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff exon    36588058        36588305        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff exon    36589978        36590244        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff exon    36592544        36592696        .       +
        .       Parent=Smp_034410.1
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SM_V9_2 Liftoff exon    36594162        36594665        .       +
        .       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36586157        36586354        .       +
        0       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36586391        36586510        .       +
        0       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36586548        36586661        .       +
        0       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36587777        36587861        .       +
        0       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36587905        36588018        .       +
        2       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36588058        36588305        .       +
        2       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36589978        36590244        .       +
        0       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36592544        36592696        .       +
        0       Parent=Smp_034410.1
SM_V9_2 Liftoff CDS     36594162        36594236        .       +
        0       Parent=Smp_034410.1
SM_V9_2 iris    gene    36622511        36623992        .       -
        .
ID=Smp_034420;geneID=Smp_034420;gene_name=Smp_034420;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    36622511        36623992        .       -
        .
ID=Smp_034420.1;Parent=Smp_034420;geneID=Smp_034420;gene_name=Smp_03
4420;owner=irisadmin@local.host;orig_id=Smp_034420.1;date_last_modif
ied=2022-07-31;Name=Smp_034420.1;product=Cystatin;date_creation=2022
-07-31
SM_V9_2 iris    exon    36622511        36623418        .       -
        .       Parent=Smp_034420.1;Name=d0de8cb9-3a51-4e38-a069-
c2368e1e4c16
SM_V9_2 iris    exon    36623459        36623514        .       -
        .       Parent=Smp_034420.1;Name=35b6b81c-0743-49a6-
be72-6f7a833c5d7e
SM_V9_2 iris    exon    36623555        36623630        .       -
        .       Parent=Smp_034420.1;Name=2b6b142f-8f33-448e-818e-
d42c12644bf4
SM_V9_2 iris    exon    36623667        36623992        .       -
        .       Parent=Smp_034420.1;Name=55791aa9-2fcf-411f-8227-
ebeb998fa71a
SM_V9_2 iris    CDS     36623320        36623418        .       -
        0       Parent=Smp_034420.1
SM_V9_2 iris    CDS     36623459        36623514        .       -
        2       Parent=Smp_034420.1
SM_V9_2 iris    CDS     36623555        36623630        .       -
        0       Parent=Smp_034420.1
SM_V9_2 iris    CDS     36623667        36623882        .       -
        0       Parent=Smp_034420.1
SM_V9_2 iris    gene    36629966        36656537        .       +
        .
ID=Smp_245950;geneID=Smp_245950;gene_name=Smp_245950;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
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SM_V9_2 iris    mRNA    36629966        36656537        .       +
       .
ID=Smp_245950.1;Parent=Smp_245950;geneID=Smp_245950;gene_name=Smp_24
5950;owner=irisadmin@local.host;orig_id=Smp_245950.1;date_last_modif
ied=2022-07-31;Name=Smp_245950.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    36629966        36630013        .       +
       .       Parent=Smp_245950.1;Name=bd912bd1-05b7-4090-9bbb-
f844d93890c0
SM_V9_2 iris    exon    36637441        36637525        .       +
       .       Parent=Smp_245950.1;Name=6117bacf-dc8b-423b-
ba97-47fc5776dd05
SM_V9_2 iris    exon    36637575        36638341        .       +
       .       Parent=Smp_245950.1;Name=0f151fab-6504-49f3-942f-
ace9dcb1ce31
SM_V9_2 iris    exon    36640217        36640419        .       +
       .
Parent=Smp_245950.1;Name=963657b7-6de6-4595-9e0b-8b4f0253912d
SM_V9_2 iris    exon    36644214        36644328        .       +
       .       Parent=Smp_245950.1;Name=19858b87-a768-43af-
aa9a-4d0d4ac2e97f
SM_V9_2 iris    exon    36651039        36651237        .       +
       .       Parent=Smp_245950.1;Name=c2b047af-c424-42ee-
a258-2f77cdcd82c2
SM_V9_2 iris    exon    36652616        36652720        .       +
       .       Parent=Smp_245950.1;Name=636eaec9-a297-4548-8ae0-
a8d6799e078b
SM_V9_2 iris    exon    36655224        36656537        .       +
       .       Parent=Smp_245950.1;Name=5f8b5c67-93ff-4573-bbbc-
cab50580b2d2
SM_V9_2 iris    CDS     36637477        36637525        .       +
       0       Parent=Smp_245950.1
SM_V9_2 iris    CDS     36637575        36638341        .       +
       2       Parent=Smp_245950.1
SM_V9_2 iris    CDS     36640217        36640419        .       +
       0       Parent=Smp_245950.1
SM_V9_2 iris    CDS     36644214        36644328        .       +
       1       Parent=Smp_245950.1
SM_V9_2 iris    CDS     36651039        36651237        .       +
       0       Parent=Smp_245950.1
SM_V9_2 iris    CDS     36652616        36652720        .       +
       2       Parent=Smp_245950.1
SM_V9_2 iris    CDS     36655224        36655441        .       +
       2       Parent=Smp_245950.1
SM_V9_2 iris    gene    36664799        36701425        .       -
       .
ID=Smp_159180;geneID=Smp_159180;gene_name=Smp_159180;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36664799        36701425        .       -
       .
ID=Smp_159180.1;Parent=Smp_159180;geneID=Smp_159180;gene_name=Smp_15
9180;owner=irisadmin@local.host;orig_id=Smp_159180.1;date_last_modif
ied=2022-07-31;Name=Smp_159180.1;product=Gamma-tubulin complex
component 3;date_creation=2022-07-30
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SM_V9_2 iris    exon    36664799        36665804        .       -
        .       Parent=Smp_159180.1;Name=53f32cd9-46c7-4014-
a172-5e151caece6c
SM_V9_2 iris    exon    36667277        36667417        .       -
        .       Parent=Smp_159180.1;Name=00400f81-ef58-4655-
ab38-67922112e559
SM_V9_2 iris    exon    36668601        36668852        .       -
        .
Parent=Smp_159180.1;Name=17b13cd0-2a5b-4c7a-9df3-32071428b4b6
SM_V9_2 iris    exon    36671624        36671733        .       -
        .       Parent=Smp_159180.1;Name=2ba6d3fd-af06-4d0b-a306-
a73c4722267d
SM_V9_2 iris    exon    36671736        36671912        .       -
        .       Parent=Smp_159180.1;Name=0c70f8a1-92d9-4c3b-b0b3-
d89281540f1d
SM_V9_2 iris    exon    36673696        36673841        .       -
        .       Parent=Smp_159180.1;Name=f6266608-6c6e-4e5f-
bc33-8ba07532b2f4
SM_V9_2 iris    exon    36676124        36676188        .       -
        .       Parent=Smp_159180.1;Name=0b1b17b8-fa74-4499-b63e-
c98ff2cb74a7
SM_V9_2 iris    exon    36676946        36677073        .       -
        .
Parent=Smp_159180.1;Name=28872265-6e1d-46be-93f7-2497b1fc9bce
SM_V9_2 iris    exon    36683790        36683892        .       -
        .       Parent=Smp_159180.1;Name=3f4e060e-70ee-4129-bcf7-
d4dce99e4660
SM_V9_2 iris    exon    36688628        36689182        .       -
        .       Parent=Smp_159180.1;Name=780d3229-2482-486c-
b212-0b4bb6490165
SM_V9_2 iris    exon    36691661        36691861        .       -
        .
Parent=Smp_159180.1;Name=c5576768-990f-407b-8447-39f24d07fcda
SM_V9_2 iris    exon    36696647        36696759        .       -
        .       Parent=Smp_159180.1;Name=538c2892-29b4-4759-
a740-976eed52e14c
SM_V9_2 iris    exon    36698908        36699122        .       -
        .       Parent=Smp_159180.1;Name=7ca56e46-
f826-418f-88cd-6e1bea9bb061
SM_V9_2 iris    exon    36700786        36700874        .       -
        .       Parent=Smp_159180.1;Name=f948b81f-f39c-4b90-ae4c-
d2ade10354b6
SM_V9_2 iris    exon    36700909        36700977        .       -
        .       Parent=Smp_159180.1;Name=67fbf751-13b6-4c22-
b523-1299e4183646
SM_V9_2 iris    exon    36701007        36701074        .       -
        .
Parent=Smp_159180.1;Name=42a97aba-6141-467d-8097-037dee5d8141
SM_V9_2 iris    exon    36701108        36701160        .       -
        .
Parent=Smp_159180.1;Name=5cad0998-4ad8-4d00-8621-082792829bb8
SM_V9_2 iris    exon    36701196        36701244        .       -
        .       Parent=Smp_159180.1;Name=f5f629df-4d4f-4d6e-b5d9-
da8c5ed792f3
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SM_V9_2 iris    exon    36701286        36701425        .       -
        .       Parent=Smp_159180.1;Name=901f842a-b8f9-4e10-a943-
d945a49e2da5
SM_V9_2 iris    CDS     36665316        36665804        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36667277        36667417        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36668601        36668852        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36671624        36671733        .       -
        2       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36671736        36671912        .       -
        2       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36673696        36673841        .       -
        1       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36676124        36676188        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36676946        36677073        .       -
        2       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36683790        36683892        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36688628        36689182        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36691661        36691861        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36696647        36696759        .       -
        2       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36698908        36699122        .       -
        1       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36700786        36700874        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36700909        36700977        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36701007        36701074        .       -
        2       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36701108        36701160        .       -
        1       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36701196        36701244        .       -
        2       Parent=Smp_159180.1
SM_V9_2 iris    CDS     36701286        36701379        .       -
        0       Parent=Smp_159180.1
SM_V9_2 iris    gene    36711508        36712090        .       +
        .
ID=Smp_068420;geneID=Smp_068420;gene_name=Smp_068420;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36711508        36712090        .       +
        .
ID=Smp_068420.1;Parent=Smp_068420;geneID=Smp_068420;gene_name=Smp_06
8420;owner=irisadmin@local.host;orig_id=Smp_068420.1;date_last_modif
ied=2022-08-01;Name=Smp_068420.1;product=Small nuclear
ribonucleoprotein Sm D3;date_creation=2022-07-30
SM_V9_2 iris    exon    36711508        36711762        .       +
        .       Parent=Smp_068420.1;Name=f503dd6f-c938-4287-80c5-
e71e08af4c8a
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SM_V9_2 iris    exon    36711796        36711905        .       +
        .       Parent=Smp_068420.1;Name=4f334a8a-d8a4-4905-
b698-007c18067df7
SM_V9_2 iris    exon    36711943        36712090        .       +
        .
Parent=Smp_068420.1;Name=5072cb0d-7c45-4488-81e0-476cfa75ff9a
SM_V9_2 iris    CDS     36711557        36711762        .       +
        0       Parent=Smp_068420.1
SM_V9_2 iris    CDS     36711796        36711905        .       +
        1       Parent=Smp_068420.1
SM_V9_2 iris    CDS     36711943        36712019        .       +
        2       Parent=Smp_068420.1
SM_V9_2 iris    gene    36719482        36753936        .       -
        .
ID=Smp_159190;geneID=Smp_159190;gene_name=Smp_159190;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    36719482        36753936        .       -
        .
ID=Smp_159190.1;Parent=Smp_159190;geneID=Smp_159190;gene_name=Smp_15
9190;owner=irisadmin@local.host;orig_id=Smp_159190.1;date_last_modif
ied=2022-07-31;Name=Smp_159190.1;product=Nudix hydrolase 20,
chloroplastic;date_creation=2022-07-31
SM_V9_2 iris    exon    36719482        36719955        .       -
        .
Parent=Smp_159190.1;Name=2b4c6677-0f2e-4976-9292-12551c0ffbe1
SM_V9_2 iris    exon    36729837        36729933        .       -
        .       Parent=Smp_159190.1;Name=2f6f7cf4-0773-48fb-9648-
be59b85f838d
SM_V9_2 iris    exon    36734042        36734174        .       -
        .
Parent=Smp_159190.1;Name=66e6409b-148c-4ed2-9cd8-40a79d50d47c
SM_V9_2 iris    exon    36740746        36740864        .       -
        .       Parent=Smp_159190.1;Name=6d26e9fd-3bc1-41fe-
a375-299163fbeccc
SM_V9_2 iris    exon    36748661        36748939        .       -
        .       Parent=Smp_159190.1;Name=17648b62-3b59-4ac7-8e78-
b5aaad775f51
SM_V9_2 iris    exon    36750309        36750565        .       -
        .       Parent=Smp_159190.1;Name=293ef0c0-f8b2-4faa-
b875-40eefb4fe50a
SM_V9_2 iris    exon    36753662        36753936        .       -
        .
Parent=Smp_159190.1;Name=4bd26e18-0c1a-4d66-9acc-0e0c1817e1f7
SM_V9_2 iris    CDS     36719900        36719955        .       -
        2       Parent=Smp_159190.1
SM_V9_2 iris    CDS     36729837        36729933        .       -
        0       Parent=Smp_159190.1
SM_V9_2 iris    CDS     36734042        36734174        .       -
        1       Parent=Smp_159190.1
SM_V9_2 iris    CDS     36740746        36740864        .       -
        0       Parent=Smp_159190.1
SM_V9_2 iris    CDS     36748661        36748939        .       -
        0       Parent=Smp_159190.1
SM_V9_2 iris    CDS     36750309        36750565        .       -
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        2       Parent=Smp_159190.1
SM_V9_2 iris    CDS     36753662        36753731        .       -
        0       Parent=Smp_159190.1
SM_V9_2 Liftoff gene    36783300        36800738        .       +
        .       ID=Smp_068440;geneID=Smp_068440
SM_V9_2 Liftoff mRNA    36783300        36800738        .       +
        .
ID=Smp_068440.1;Parent=Smp_068440;geneID=Smp_068440;product=vasa-
like DEAD-box RNA helicase;evidence=Traceable Author
Statement;literature=PMID:22720105;polypeptide_domain=InterPro:IPR00
0629,IPR001650,IPR011545,IPR014001,IPR014014,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_2 Liftoff exon    36783300        36783392        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36785204        36785481        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36785519        36785918        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36785954        36786201        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36786239        36786383        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36786564        36786708        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36791432        36791649        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36795366        36795619        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff exon    36797565        36800738        .       +
        .       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36783369        36783392        .       +
        0       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36785204        36785481        .       +
        0       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36785519        36785918        .       +
        1       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36785954        36786201        .       +
        0       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36786239        36786383        .       +
        1       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36786564        36786708        .       +
        0       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36791432        36791649        .       +
        2       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36795366        36795619        .       +
        0       Parent=Smp_068440.1
SM_V9_2 Liftoff CDS     36797565        36798690        .       +
        1       Parent=Smp_068440.1
SM_V9_2 Liftoff gene    36828856        36849561        .       +
        .       ID=Smp_028870;geneID=Smp_028870
SM_V9_2 Liftoff mRNA    36828856        36849561        .       +
        .
ID=Smp_028870.1;Parent=Smp_028870;geneID=Smp_028870;product=Cell
division control protein
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4;polypeptide_domain=InterPro:IPR008139,IPR011001
SM_V9_2 Liftoff exon    36828856        36828963        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36829011        36829066        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36831798        36831831        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36837244        36837368        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36840081        36840158        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36841520        36841556        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36844791        36844915        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36846988        36847068        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff exon    36849437        36849561        .       +
        .       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36828924        36828963        .       +
        0       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36829011        36829066        .       +
        2       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36831798        36831831        .       +
        0       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36837244        36837368        .       +
        2       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36840081        36840158        .       +
        0       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36841520        36841556        .       +
        0       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36844791        36844915        .       +
        2       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36846988        36847068        .       +
        0       Parent=Smp_028870.1
SM_V9_2 Liftoff CDS     36849437        36849463        .       +
        0       Parent=Smp_028870.1
SM_V9_2 Liftoff gene    36860473        36861114        .       -
        .       ID=Smp_028860;geneID=Smp_028860
SM_V9_2 Liftoff mRNA    36860473        36861114        .       -
        .
ID=Smp_028860.1;Parent=Smp_028860;geneID=Smp_028860;product=Transcri
ption-associated protein 1
SM_V9_2 Liftoff exon    36860473        36861114        .       -
        .       Parent=Smp_028860.1
SM_V9_2 Liftoff CDS     36860473        36861114        .       -
        0       Parent=Smp_028860.1
SM_V9_2 iris    gene    36861760        36882569        .       -
        .
ID=Smp_028850;geneID=Smp_028850;gene_name=Smp_028850;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36861760        36882569        .       -
        .
ID=Smp_028850.1;Parent=Smp_028850;geneID=Smp_028850;gene_name=Smp_02
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8850;owner=irisadmin@local.host;orig_id=Smp_028850.1;date_last_modif
ied=2022-08-17;Name=Smp_028850.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    36861760        36862279        .       -
        .       Parent=Smp_028850.1;Name=76395a92-1fa3-433f-bbf6-
a18432242469
SM_V9_2 iris    exon    36864914        36865288        .       -
        .
Parent=Smp_028850.1;Name=a6c01376-0c20-462c-9589-883c0f5d08e2
SM_V9_2 iris    exon    36866023        36866247        .       -
        .       Parent=Smp_028850.1;Name=fda98fec-f9e5-4f5a-b35a-
bd4f39e88e2c
SM_V9_2 iris    exon    36866281        36866419        .       -
        .       Parent=Smp_028850.1;Name=60b891ff-7222-41f5-ba18-
ce826cdb0d9a
SM_V9_2 iris    exon    36882258        36882569        .       -
        .       Parent=Smp_028850.1;Name=06377364-a0ad-4fde-86fc-
eb9a7d6b1328
SM_V9_2 iris    CDS     36862244        36862279        .       -
        0       Parent=Smp_028850.1
SM_V9_2 iris    CDS     36864914        36865285        .       -
        0       Parent=Smp_028850.1
SM_V9_2 iris    gene    36896941        36917940        .       -
        .
ID=Smp_340570;geneID=Smp_340570;gene_name=Smp_340570;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36896941        36917940        .       -
        .
ID=Smp_340570.1;Parent=Smp_340570;geneID=Smp_340570;gene_name=Smp_34
0570;owner=irisadmin@local.host;orig_id=Smp_340570.1;date_last_modif
ied=2022-07-31;Name=Smp_340570.1;product=Uncharacterized protein
Cgl0966/cg1103;date_creation=2022-07-30
SM_V9_2 iris    exon    36896941        36897178        .       -
        .       Parent=Smp_340570.1;Name=0710992f-f125-4a10-80e5-
ef555a1b5266
SM_V9_2 iris    exon    36899564        36899644        .       -
        .       Parent=Smp_340570.1;Name=ed8014c3-3bc9-4a79-8a3a-
b387ca2f8ef0
SM_V9_2 iris    exon    36902007        36902131        .       -
        .       Parent=Smp_340570.1;Name=3b942a9d-9b4e-4c04-
b3ff-9a24e1371999
SM_V9_2 iris    exon    36910502        36910532        .       -
        .       Parent=Smp_340570.1;Name=136d2cc2-
f7a3-4d4d-8a09-2133bdec9bca
SM_V9_2 iris    exon    36917630        36917673        .       -
        .       Parent=Smp_340570.1;Name=92066c81-
d757-422c-97df-015a2bbd508a
SM_V9_2 iris    exon    36917723        36917837        .       -
        .       Parent=Smp_340570.1;Name=8eaeb3dc-03e9-4028-80f8-
de8a8d4ba093
SM_V9_2 iris    exon    36917894        36917940        .       -
        .       Parent=Smp_340570.1;Name=4f2c03aa-
bd57-42bb-8a4b-06ad6686ae53
SM_V9_2 iris    CDS     36897152        36897178        .       -
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SM_V9_2 iris    CDS     36899564        36899644        .       -
        0       Parent=Smp_340570.1
SM_V9_2 iris    CDS     36902007        36902131        .       -
        2       Parent=Smp_340570.1
SM_V9_2 iris    CDS     36910502        36910532        .       -
        0       Parent=Smp_340570.1
SM_V9_2 iris    CDS     36917630        36917673        .       -
        2       Parent=Smp_340570.1
SM_V9_2 iris    CDS     36917723        36917837        .       -
        0       Parent=Smp_340570.1
SM_V9_2 iris    CDS     36917894        36917899        .       -
        0       Parent=Smp_340570.1
SM_V9_2 iris    gene    36925500        36938740        .       -
        .
ID=Smp_335370;geneID=Smp_335370;gene_name=Smp_335370;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36925500        36938740        .       -
        .
ID=Smp_335370.1;Parent=Smp_335370;geneID=Smp_335370;gene_name=Smp_33
5370;owner=irisadmin@local.host;orig_id=Smp_335370.1;date_last_modif
ied=2022-08-01;Name=Smp_335370.1;product=Solute carrier family 12
member 9;date_creation=2022-07-30
SM_V9_2 iris    exon    36925500        36925671        .       -
        .       Parent=Smp_335370.1;Name=a473394c-9a72-4ef1-81b3-
bad970812208
SM_V9_2 iris    exon    36931115        36931195        .       -
        .       Parent=Smp_335370.1;Name=8d58274e-3575-4261-
aeb1-28d39077417f
SM_V9_2 iris    exon    36932631        36932755        .       -
        .
Parent=Smp_335370.1;Name=3eb73937-9a0f-41ea-9eab-32ab1a683bbf
SM_V9_2 iris    exon    36936601        36936619        .       -
        .       Parent=Smp_335370.1;Name=8c3fe0d1-af48-4f10-b10e-
cd8ad0a067c2
SM_V9_2 iris    exon    36938548        36938612        .       -
        .       Parent=Smp_335370.1;Name=9ebbcd7b-fa63-4f3d-bb4d-
b47421337c25
SM_V9_2 iris    exon    36938664        36938740        .       -
        .       Parent=Smp_335370.1;Name=61c9a4c9-3a70-40e1-9a54-
ebc6b2b65ebb
SM_V9_2 iris    CDS     36925648        36925671        .       -
        0       Parent=Smp_335370.1
SM_V9_2 iris    CDS     36931115        36931195        .       -
        0       Parent=Smp_335370.1
SM_V9_2 iris    CDS     36932631        36932755        .       -
        2       Parent=Smp_335370.1
SM_V9_2 iris    CDS     36936601        36936619        .       -
        0       Parent=Smp_335370.1
SM_V9_2 iris    CDS     36938548        36938612        .       -
        2       Parent=Smp_335370.1
SM_V9_2 iris    CDS     36938664        36938700        .       -
        0       Parent=Smp_335370.1
SM_V9_2 iris    gene    36943083        36956811        .       +
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        .
ID=Smp_137720;geneID=Smp_137720;gene_name=Smp_137720;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    36943083        36956811        .       +
        .
ID=Smp_137720.1;Parent=Smp_137720;geneID=Smp_137720;gene_name=Smp_13
7720;owner=irisadmin@local.host;orig_id=Smp_137720.1;date_last_modif
ied=2022-08-01;Name=Smp_137720.1;product=IPR008139 Saposin B,domain-
containing protein;date_creation=2022-07-30
SM_V9_2 iris    exon    36943083        36943233        .       +
        .       Parent=Smp_137720.1;Name=35191be1-769e-4f7d-a72d-
c68ee1b332af
SM_V9_2 iris    exon    36943276        36943322        .       +
        .       Parent=Smp_137720.1;Name=3a7e84da-a839-4fd4-bb11-
f518ea067fae
SM_V9_2 iris    exon    36945308        36945377        .       +
        .       Parent=Smp_137720.1;Name=ea3e8b10-a8e6-44ea-8559-
cc8c77e39eb4
SM_V9_2 iris    exon    36945494        36945612        .       +
        .
Parent=Smp_137720.1;Name=d22eec7d-1a5b-451d-84f3-45715bd93aab
SM_V9_2 iris    exon    36947031        36947108        .       +
        .       Parent=Smp_137720.1;Name=e49fb178-befe-4b53-90c6-
c95726e5369b
SM_V9_2 iris    exon    36948698        36948734        .       +
        .
Parent=Smp_137720.1;Name=b3ccac04-7b93-4cfb-9d3c-704dc9e1eee5
SM_V9_2 iris    exon    36951331        36951452        .       +
        .       Parent=Smp_137720.1;Name=d57498e0-c6de-4931-9fb9-
e7d394f19137
SM_V9_2 iris    exon    36956059        36956139        .       +
        .       Parent=Smp_137720.1;Name=2379c9d0-
e8cd-4c75-9386-0d574ed7a9ef
SM_V9_2 iris    exon    36956665        36956811        .       +
        .       Parent=Smp_137720.1;Name=6e7ce28f-
b072-447f-898f-2e96f75b827c
SM_V9_2 iris    CDS     36943188        36943233        .       +
        0       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36943276        36943322        .       +
        2       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36945308        36945377        .       +
        0       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36945494        36945612        .       +
        2       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36947031        36947108        .       +
        0       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36948698        36948734        .       +
        0       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36951331        36951452        .       +
        2       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36956059        36956139        .       +
        0       Parent=Smp_137720.1
SM_V9_2 iris    CDS     36956665        36956715        .       +
        0       Parent=Smp_137720.1
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SM_V9_2 iris    gene    37000595        37002492        .       -
       .
ID=Smp_137710;geneID=Smp_137710;gene_name=Smp_137710;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    37000595        37002492        .       -
       .
ID=Smp_137710.1;Parent=Smp_137710;geneID=Smp_137710;gene_name=Smp_13
7710;owner=irisadmin@local.host;orig_id=Smp_137710.1;date_last_modif
ied=2022-07-31;Name=Smp_137710.1;product=Major facilitator
superfamily domain-containing protein 8;date_creation=2022-07-30
SM_V9_2 iris    exon    37000595        37002492        .       -
       .       Parent=Smp_137710.1;Name=Smp_137710.1-CDS
SM_V9_2 iris    CDS     37000745        37002367        .       -
       0       Parent=Smp_137710.1
SM_V9_2 iris    gene    37020118        37034752        .       -
       .
ID=Smp_137700;geneID=Smp_137700;gene_name=Smp_137700;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    37020118        37034752        .       -
       .
ID=Smp_137700.1;Parent=Smp_137700;geneID=Smp_137700;gene_name=Smp_13
7700;owner=irisadmin@local.host;orig_id=Smp_137700.1;date_last_modif
ied=2022-07-31;Name=Smp_137700.1;product=Uncharacterized protein
ORF2';date_creation=2022-07-31
SM_V9_2 iris    exon    37020118        37020243        .       -
       .       Parent=Smp_137700.1;Name=230899f3-82ec-472a-aab7-
ab670f76552a
SM_V9_2 iris    exon    37022652        37022732        .       -
       .       Parent=Smp_137700.1;Name=78dbca05-c317-49b9-
abc4-5e6cfe80460a
SM_V9_2 iris    exon    37024218        37024342        .       -
       .
Parent=Smp_137700.1;Name=83a5b893-5be7-4324-9a0f-112b16aa0080
SM_V9_2 iris    exon    37025954        37025990        .       -
       .       Parent=Smp_137700.1;Name=81495913-
c08b-4656-9708-2955f7133cb9
SM_V9_2 iris    exon    37028057        37028134        .       -
       .
Parent=Smp_137700.1;Name=12e0d498-3cc6-488b-9f85-67990f5d22d4
SM_V9_2 iris    exon    37029509        37029633        .       -
       .       Parent=Smp_137700.1;Name=0d825d78-
b880-44e2-99dc-0aa9e3b56344
SM_V9_2 iris    exon    37032693        37032726        .       -
       .       Parent=Smp_137700.1;Name=c8703358-27ce-4bf9-
bb40-8fa845ddf82f
SM_V9_2 iris    exon    37034585        37034640        .       -
       .       Parent=Smp_137700.1;Name=ea0e71af-2234-4a5e-
bdc2-8335443f35b7
SM_V9_2 iris    exon    37034688        37034752        .       -
       .       Parent=Smp_137700.1;Name=b40762a7-
fbac-4b4f-905e-6c3ab7cfb4fd
SM_V9_2 iris    CDS     37020196        37020243        .       -
       0       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37022652        37022732        .       -
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        0       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37024218        37024342        .       -
        2       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37025954        37025990        .       -
        0       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37028057        37028134        .       -
        0       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37029509        37029633        .       -
        2       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37032693        37032726        .       -
        0       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37034585        37034640        .       -
        2       Parent=Smp_137700.1
SM_V9_2 iris    CDS     37034688        37034727        .       -
        0       Parent=Smp_137700.1
SM_V9_2 iris    gene    37057595        37060351        .       +
        .
ID=Smp_328530;geneID=Smp_328530;gene_name=Smp_328530;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    37057595        37060351        .       +
        .
ID=Smp_328530.1;Parent=Smp_328530;geneID=Smp_328530;gene_name=Smp_32
8530;owner=irisadmin@local.host;orig_id=Smp_328530.1;date_last_modif
ied=2022-07-31;Name=Smp_328530.1;product=Hypothetical
protein;date_creation=2022-07-31
SM_V9_2 iris    exon    37057595        37057667        .       +
        .       Parent=Smp_328530.1;Name=1fadc23b-4b1f-4450-
ab00-92d896e53bb0
SM_V9_2 iris    exon    37059826        37060351        .       +
        .       Parent=Smp_328530.1;Name=8ef10251-86a9-4478-
a89d-12403dfb3596
SM_V9_2 iris    CDS     37059944        37060144        .       +
        0       Parent=Smp_328530.1
SM_V9_2 iris    gene    37072534        37080829        .       -
        .
ID=Smp_137690;geneID=Smp_137690;gene_name=Smp_137690;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    37072534        37080829        .       -
        .
ID=Smp_137690.1;Parent=Smp_137690;geneID=Smp_137690;gene_name=Smp_13
7690;owner=irisadmin@local.host;orig_id=Smp_137690.1;date_last_modif
ied=2022-07-31;Name=Smp_137690.1;product=Protein
Shroom1;date_creation=2022-07-31
SM_V9_2 iris    exon    37072534        37073036        .       -
        .       Parent=Smp_137690.1;Name=ec2114b6-620e-46d8-
b61a-6ac02b084c7d
SM_V9_2 iris    exon    37074144        37074844        .       -
        .       Parent=Smp_137690.1;Name=03887820-bf2b-468e-
bc28-2a3de8e37418
SM_V9_2 iris    exon    37076525        37076597        .       -
        .       Parent=Smp_137690.1;Name=2e630716-6b43-421c-bac2-
dec873c3de92
SM_V9_2 iris    exon    37076699        37076964        .       -
        .       Parent=Smp_137690.1;Name=ba3ee3f0-257e-40d7-80fa-
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be5fb5e8d8c9
SM_V9_2 iris    exon    37078491        37078979        .       -
        .       Parent=Smp_137690.1;Name=f0c4cf61-7dec-4b48-ba13-
c99496baa5cf
SM_V9_2 iris    exon    37080717        37080829        .       -
        .       Parent=Smp_137690.1;Name=c26c2806-
c82c-4688-97f8-217397033985
SM_V9_2 iris    CDS     37072849        37073036        .       -
        2       Parent=Smp_137690.1
SM_V9_2 iris    CDS     37074144        37074844        .       -
        1       Parent=Smp_137690.1
SM_V9_2 iris    CDS     37076525        37076597        .       -
        2       Parent=Smp_137690.1
SM_V9_2 iris    CDS     37076699        37076964        .       -
        1       Parent=Smp_137690.1
SM_V9_2 iris    CDS     37078491        37078960        .       -
        0       Parent=Smp_137690.1
SM_V9_2 iris    gene    37143903        37157080        .       +
        .
ID=Smp_028800;geneID=Smp_028800;gene_name=Smp_028800;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    37143903        37157080        .       +
        .
ID=Smp_028800.1;Parent=Smp_028800;geneID=Smp_028800;gene_name=Smp_02
8800;owner=irisadmin@local.host;orig_id=Smp_028800.1;date_last_modif
ied=2022-07-31;Name=Smp_028800.1;product=Single-stranded TG1-3 DNA-
binding protein;date_creation=2022-07-31
SM_V9_2 iris    exon    37143903        37144032        .       +
        .       Parent=Smp_028800.1;Name=eb9f69d2-
f00c-4b98-953d-0092b8fc84b4
SM_V9_2 iris    exon    37149261        37149612        .       +
        .       Parent=Smp_028800.1;Name=fe2f41ff-060b-4782-
b3a7-946a5aa5a7a0
SM_V9_2 iris    exon    37150420        37150679        .       +
        .
Parent=Smp_028800.1;Name=54af2bd4-614e-49f3-9237-7ae68920c173
SM_V9_2 iris    exon    37151695        37151767        .       +
        .       Parent=Smp_028800.1;Name=e5bf8a50-bd66-4824-
a519-792aed250ca5
SM_V9_2 iris    exon    37153921        37154558        .       +
        .
Parent=Smp_028800.1;Name=ba33cf69-935d-44b6-836c-74d1ac14ca81
SM_V9_2 iris    exon    37156624        37157080        .       +
        .       Parent=Smp_028800.1;Name=5b7803d4-e280-46f1-
b326-2cb2d374b575
SM_V9_2 iris    CDS     37149287        37149612        .       +
        0       Parent=Smp_028800.1
SM_V9_2 iris    CDS     37150420        37150679        .       +
        1       Parent=Smp_028800.1
SM_V9_2 iris    CDS     37151695        37151767        .       +
        2       Parent=Smp_028800.1
SM_V9_2 iris    CDS     37153921        37154558        .       +
        1       Parent=Smp_028800.1
SM_V9_2 iris    CDS     37156624        37156802        .       +
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        2       Parent=Smp_028800.1
SM_V9_2 iris    gene    37172883        37207695        .       -
        .
ID=Smp_343180;geneID=Smp_343180;gene_name=Smp_343180;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    37172883        37207695        .       -
        .
ID=Smp_343180.1;Parent=Smp_343180;geneID=Smp_343180;gene_name=Smp_34
3180;owner=irisadmin@local.host;orig_id=Smp_343180.1;date_last_modif
ied=2022-08-01;Name=Smp_343180.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    37172883        37174967        .       -
        .       Parent=Smp_343180.1;Name=8c8a6545-f2d7-447b-963e-
e641517e9b2f
SM_V9_2 iris    exon    37183031        37184037        .       -
        .       Parent=Smp_343180.1;Name=f941b171-1a4a-4cdf-a61a-
cbf496f3a1dc
SM_V9_2 iris    exon    37191118        37191235        .       -
        .       Parent=Smp_343180.1;Name=f6b63574-a709-424d-8161-
a268cc28cfe4
SM_V9_2 iris    exon    37191238        37191941        .       -
        .       Parent=Smp_343180.1;Name=94c9ebff-0862-4f5f-
b5f7-9a595a415cd5
SM_V9_2 iris    exon    37193115        37193735        .       -
        .       Parent=Smp_343180.1;Name=554c8ff5-2c3a-4e75-b5ff-
a80f7b44cb01
SM_V9_2 iris    exon    37201977        37202256        .       -
        .       Parent=Smp_343180.1;Name=ce03e2fe-
dd97-47c4-97db-3b0bb2611c39
SM_V9_2 iris    exon    37204220        37204411        .       -
        .       Parent=Smp_343180.1;Name=9d7f2b72-f3c8-48fa-bb50-
fa4650ed7f52
SM_V9_2 iris    exon    37205361        37205474        .       -
        .       Parent=Smp_343180.1;Name=af8b231a-85fa-42fc-
a796-5812ce3e7933
SM_V9_2 iris    exon    37206208        37207695        .       -
        .       Parent=Smp_343180.1;Name=78c692a8-7125-4b02-952c-
e3f02c0a06e6
SM_V9_2 iris    CDS     37174410        37174967        .       -
        0       Parent=Smp_343180.1
SM_V9_2 iris    CDS     37183031        37184037        .       -
        2       Parent=Smp_343180.1
SM_V9_2 iris    CDS     37191118        37191235        .       -
        0       Parent=Smp_343180.1
SM_V9_2 iris    CDS     37191238        37191941        .       -
        2       Parent=Smp_343180.1
SM_V9_2 iris    CDS     37193115        37193735        .       -
        2       Parent=Smp_343180.1
SM_V9_2 iris    CDS     37201977        37202256        .       -
        0       Parent=Smp_343180.1
SM_V9_2 iris    CDS     37204220        37204411        .       -
        0       Parent=Smp_343180.1
SM_V9_2 iris    CDS     37205361        37205474        .       -
        0       Parent=Smp_343180.1
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SM_V9_2 iris    CDS     37206208        37207401        .       -
        0       Parent=Smp_343180.1
SM_V9_2 iris    gene    37213793        37290938        .       +
        .
ID=Smp_316380;geneID=Smp_316380;gene_name=Smp_316380;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    37213793        37290938        .       +
        .
ID=Smp_316380.1;Parent=Smp_316380;geneID=Smp_316380;gene_name=Smp_31
6380;owner=irisadmin@local.host;orig_id=Smp_316380.1;date_last_modif
ied=2022-07-31;Name=Smp_316380.1;product=Calcium-dependent secretion
activator 1;date_creation=2022-07-30
SM_V9_2 iris    exon    37213793        37214008        .       +
        .
Parent=Smp_316380.1;Name=52faefc0-9bc1-4539-8606-42f1a9b8c34d
SM_V9_2 iris    exon    37230261        37231004        .       +
        .       Parent=Smp_316380.1;Name=6b210a54-8596-4e62-
a5be-9aa9796cab87
SM_V9_2 iris    exon    37236613        37236733        .       +
        .
Parent=Smp_316380.1;Name=fd17cc07-377d-472d-8cc6-180ddd95473d
SM_V9_2 iris    exon    37238913        37239083        .       +
        .       Parent=Smp_316380.1;Name=816eb6df-
a212-4ef3-85ce-651df0a32172
SM_V9_2 iris    exon    37240840        37241073        .       +
        .
Parent=Smp_316380.1;Name=4be184a1-36fc-402a-9295-137a84651db1
SM_V9_2 iris    exon    37243793        37243873        .       +
        .
Parent=Smp_316380.1;Name=d395c541-3a5a-4171-9090-658ad14593d3
SM_V9_2 iris    exon    37245236        37245637        .       +
        .       Parent=Smp_316380.1;Name=13e47961-d1c0-440c-
a0b5-0b649cb09afd
SM_V9_2 iris    exon    37246574        37246698        .       +
        .       Parent=Smp_316380.1;Name=b539e605-3a2b-4bee-
ba57-0a9baad6b485
SM_V9_2 iris    exon    37247734        37247770        .       +
        .
Parent=Smp_316380.1;Name=79842a75-9d5c-4911-91c5-19f0f0ad3b57
SM_V9_2 iris    exon    37247773        37247844        .       +
        .       Parent=Smp_316380.1;Name=ababaa6e-e4af-49f5-add5-
c8f5852ba2da
SM_V9_2 iris    exon    37248963        37249166        .       +
        .       Parent=Smp_316380.1;Name=89d13b32-b16b-4386-
ad35-7493891e1e41
SM_V9_2 iris    exon    37252208        37252316        .       +
        .
Parent=Smp_316380.1;Name=95b2559a-16fa-4a9f-9c13-025c97cfec1b
SM_V9_2 iris    exon    37253994        37254335        .       +
        .       Parent=Smp_316380.1;Name=f2483fc6-
be3d-46a1-92ea-27f93e441452
SM_V9_2 iris    exon    37255617        37255744        .       +
        .       Parent=Smp_316380.1;Name=27abef59-45d8-4777-b5a8-
db004e9ccd71
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SM_V9_2 iris    exon    37259174        37259379        .       +
        .       Parent=Smp_316380.1;Name=7a35ea3e-afd1-4b30-
b6c1-29643fbaa8e0
SM_V9_2 iris    exon    37261282        37261453        .       +
        .       Parent=Smp_316380.1;Name=0eff74e0-b3d0-4f0a-
be28-99655eeddad1
SM_V9_2 iris    exon    37271336        37271459        .       +
        .       Parent=Smp_316380.1;Name=a7693b70-46e1-4e0a-
a169-4a74aef16aee
SM_V9_2 iris    exon    37275132        37275155        .       +
        .       Parent=Smp_316380.1;Name=de98721c-9110-48d7-9cb8-
f3bb696495ab
SM_V9_2 iris    exon    37276345        37276439        .       +
        .
Parent=Smp_316380.1;Name=a860f9ef-394a-44d9-9b83-12ab97adf9de
SM_V9_2 iris    exon    37276816        37276972        .       +
        .       Parent=Smp_316380.1;Name=dbf83206-8129-4181-809d-
e48a22be091e
SM_V9_2 iris    exon    37278005        37278166        .       +
        .       Parent=Smp_316380.1;Name=165eaa82-157c-4c25-841e-
fa43363cc74d
SM_V9_2 iris    exon    37278541        37278985        .       +
        .       Parent=Smp_316380.1;Name=84c58e60-
e207-444b-8105-2c6cb879b250
SM_V9_2 iris    exon    37280540        37280735        .       +
        .       Parent=Smp_316380.1;Name=d9cf7f37-5a32-4423-a6ab-
dcae097fcb9d
SM_V9_2 iris    exon    37282447        37282605        .       +
        .       Parent=Smp_316380.1;Name=e50892a9-eb56-445b-b6dd-
f720c062f80e
SM_V9_2 iris    exon    37283775        37283882        .       +
        .       Parent=Smp_316380.1;Name=bd528a3c-e29e-4d8c-9026-
c1eb2f3fc260
SM_V9_2 iris    exon    37286910        37287014        .       +
        .
Parent=Smp_316380.1;Name=52b7f3f6-33b8-4456-81c2-2b4c1bed86d3
SM_V9_2 iris    exon    37288217        37288303        .       +
        .       Parent=Smp_316380.1;Name=39bbf9f7-7317-4130-
a7ce-1334f485a0eb
SM_V9_2 iris    exon    37290645        37290938        .       +
        .       Parent=Smp_316380.1;Name=c2def7b9-
aff2-46e3-914d-9ff7962ca248
SM_V9_2 iris    CDS     37213905        37214008        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37230261        37231004        .       +
        1       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37236613        37236733        .       +
        1       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37238913        37239083        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37240840        37241073        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37243793        37243873        .       +
        0       Parent=Smp_316380.1
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SM_V9_2 iris    CDS     37245236        37245637        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37246574        37246698        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37247734        37247770        .       +
        1       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37247773        37247844        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37248963        37249166        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37252208        37252316        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37253994        37254335        .       +
        2       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37255617        37255744        .       +
        2       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37259174        37259379        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37261282        37261453        .       +
        1       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37271336        37271459        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37275132        37275155        .       +
        2       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37276345        37276439        .       +
        2       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37276816        37276972        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37278005        37278166        .       +
        2       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37278541        37278985        .       +
        2       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37280540        37280735        .       +
        1       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37282447        37282605        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37283775        37283882        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37286910        37287014        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37288217        37288303        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    CDS     37290645        37290788        .       +
        0       Parent=Smp_316380.1
SM_V9_2 iris    gene    37294914        37319859        .       -
        .
ID=Smp_137660;geneID=Smp_137660;gene_name=Smp_137660;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    37294914        37319859        .       -
        .
ID=Smp_137660.1;Parent=Smp_137660;geneID=Smp_137660;gene_name=Smp_13
7660;owner=irisadmin@local.host;orig_id=Smp_137660.1;date_last_modif
ied=2022-08-17;Name=Smp_137660.1;product=Kinesin-like protein
KIF20A;date_creation=2022-08-17
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SM_V9_2 iris    exon    37294914        37296154        .       -
        .
Parent=Smp_137660.1;Name=5772e740-76fb-4903-9f21-4ac4be333b90
SM_V9_2 iris    exon    37296993        37297274        .       -
        .       Parent=Smp_137660.1;Name=3f47bbec-
cc08-426b-95c9-051f83d10d47
SM_V9_2 iris    exon    37299890        37300078        .       -
        .
Parent=Smp_137660.1;Name=2a35d59f-3f0f-4126-93fa-7f984294c464
SM_V9_2 iris    exon    37301086        37301292        .       -
        .       Parent=Smp_137660.1;Name=8f61bccf-c85c-4665-
b4fa-6f673f9a86c6
SM_V9_2 iris    exon    37303517        37303678        .       -
        .       Parent=Smp_137660.1;Name=ffa986a2-1b59-44f8-b634-
b312ba7f00fd
SM_V9_2 iris    exon    37306013        37306063        .       -
        .       Parent=Smp_137660.1;Name=ac58a61d-c905-47d4-
bbe0-401bccd9a540
SM_V9_2 iris    exon    37306843        37307021        .       -
        .       Parent=Smp_137660.1;Name=09216238-8191-46b4-
a5a5-1e46b719acf6
SM_V9_2 iris    exon    37307820        37308055        .       -
        .       Parent=Smp_137660.1;Name=17b5bff8-a3f6-483a-a2c8-
aa5a65749edc
SM_V9_2 iris    exon    37308885        37309024        .       -
        .       Parent=Smp_137660.1;Name=2ce97e91-a6ee-4d31-8ad4-
ba39ce0003b2
SM_V9_2 iris    exon    37310607        37310808        .       -
        .       Parent=Smp_137660.1;Name=64c76498-a5d8-4407-
b8b3-5b450ef9e2d3
SM_V9_2 iris    exon    37312762        37313079        .       -
        .       Parent=Smp_137660.1;Name=f4634583-1044-4b4b-
baf7-7429bff805fc
SM_V9_2 iris    exon    37317499        37317799        .       -
        .
Parent=Smp_137660.1;Name=2530604f-66d9-411d-8489-93cdf838bc83
SM_V9_2 iris    exon    37318611        37318904        .       -
        .       Parent=Smp_137660.1;Name=8857aa1b-280d-4a18-
ad40-40c6c78587a5
SM_V9_2 iris    exon    37318940        37318997        .       -
        .       Parent=Smp_137660.1;Name=e8e664ec-7234-4e46-
b872-3c57a0067949
SM_V9_2 iris    exon    37319030        37319217        .       -
        .       Parent=Smp_137660.1;Name=85451bb3-91f0-4666-8aa7-
b27077cfe363
SM_V9_2 iris    exon    37319248        37319503        .       -
        .       Parent=Smp_137660.1;Name=e8e0b215-7d1d-46d3-9685-
a2277d9c21af
SM_V9_2 iris    exon    37319537        37319753        .       -
        .       Parent=Smp_137660.1;Name=a531ed4e-9db4-4575-
b419-4c98b9def6a5
SM_V9_2 iris    exon    37319786        37319859        .       -
        .       Parent=Smp_137660.1;Name=f2b9c705-0a91-48c0-
b547-100376b728fa
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SM_V9_2 iris    CDS     37295438        37296154        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37296993        37297274        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37299890        37300078        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37301086        37301292        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37303517        37303678        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37306013        37306063        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37306843        37307021        .       -
        2       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37307820        37308055        .       -
        1       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37308885        37309024        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37310607        37310808        .       -
        1       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37312762        37313079        .       -
        1       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37317499        37317799        .       -
        2       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37318611        37318904        .       -
        2       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37318940        37318997        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37319030        37319217        .       -
        2       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37319248        37319503        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37319537        37319753        .       -
        1       Parent=Smp_137660.1
SM_V9_2 iris    CDS     37319786        37319796        .       -
        0       Parent=Smp_137660.1
SM_V9_2 iris    gene    37332401        37357514        .       +
        .
ID=Smp_028730;geneID=Smp_028730;gene_name=Smp_028730;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    37332401        37357514        .       +
        .
ID=Smp_028730.1;Parent=Smp_028730;geneID=Smp_028730;gene_name=Smp_02
8730;owner=irisadmin@local.host;orig_id=Smp_028730.1;date_last_modif
ied=2022-07-31;Name=Smp_028730.1;product=Mannose-1-phosphate
guanyltransferase beta;date_creation=2022-07-30
SM_V9_2 iris    exon    37332401        37332446        .       +
        .
Parent=Smp_028730.1;Name=10502e74-5d60-4ef7-806e-5011de7d6aff
SM_V9_2 iris    exon    37333262        37333408        .       +
        .
Parent=Smp_028730.1;Name=fe3ab6c1-7a4e-4796-9985-4f74d83019da
SM_V9_2 iris    exon    37335358        37335447        .       +
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Parent=Smp_028730.1;Name=3f940535-51df-4664-9366-92ff17775b05
SM_V9_2 iris    exon    37336226        37336274        .       +
        .       Parent=Smp_028730.1;Name=05b89b06-
eb12-4765-9d90-8381a07f6dd6
SM_V9_2 iris    exon    37337497        37337639        .       +
        .
Parent=Smp_028730.1;Name=574bab6b-4728-4932-9791-1199f4fafecc
SM_V9_2 iris    exon    37343318        37343476        .       +
        .       Parent=Smp_028730.1;Name=592927af-f156-4828-
ae2f-8873d29e2a0e
SM_V9_2 iris    exon    37344651        37344729        .       +
        .
Parent=Smp_028730.1;Name=85b5b338-38df-4d7b-9de8-16ef76725417
SM_V9_2 iris    exon    37349901        37350031        .       +
        .       Parent=Smp_028730.1;Name=022e8e48-f246-4d84-b11d-
c7e3952bfd6a
SM_V9_2 iris    exon    37350984        37351166        .       +
        .
Parent=Smp_028730.1;Name=f74ca1e0-5370-463e-90f7-3e235df67900
SM_V9_2 iris    exon    37356928        37357514        .       +
        .       Parent=Smp_028730.1;Name=cb82b85b-949c-433b-bb24-
f0334ad90c26
SM_V9_2 iris    CDS     37333280        37333408        .       +
        0       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37335358        37335447        .       +
        0       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37336226        37336274        .       +
        0       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37337497        37337639        .       +
        2       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37343318        37343476        .       +
        0       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37344651        37344729        .       +
        0       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37349901        37350031        .       +
        2       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37350984        37351166        .       +
        0       Parent=Smp_028730.1
SM_V9_2 iris    CDS     37356928        37357059        .       +
        0       Parent=Smp_028730.1
SM_V9_2 Liftoff gene    37366231        37392869        .       +
        .       ID=Smp_137650;geneID=Smp_137650
SM_V9_2 Liftoff mRNA    37366231        37392869        .       +
        .
ID=Smp_137650.1;Parent=Smp_137650;geneID=Smp_137650;product=Exportin
-T;polypeptide_domain=InterPro:IPR011989,IPR013598,IPR016024
Pfam:PF08389;Ontology_term=GO:0005488
SM_V9_2 Liftoff exon    37366231        37368202        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37368238        37368449        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37368997        37369196        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37370301        37370734        .       +
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        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37371383        37371830        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37373996        37374214        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37375203        37375391        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37378408        37378502        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37380294        37380707        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37381733        37382147        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37388155        37388361        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37389409        37389672        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37391250        37391372        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff exon    37392177        37392869        .       +
        .       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37367958        37368202        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37368238        37368449        .       +
        1       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37368997        37369196        .       +
        2       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37370301        37370734        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37371383        37371830        .       +
        1       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37373996        37374214        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37375203        37375391        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37378408        37378502        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37380294        37380707        .       +
        1       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37381733        37382147        .       +
        1       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37388155        37388361        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37389409        37389672        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37391250        37391372        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff CDS     37392177        37392200        .       +
        0       Parent=Smp_137650.1
SM_V9_2 Liftoff gene    37407805        37413347        .       +
        .       ID=Smp_137640;geneID=Smp_137640
SM_V9_2 Liftoff mRNA    37407805        37413347        .       +
        .
ID=Smp_137640.1;Parent=Smp_137640;geneID=Smp_137640;product=Temptin
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SM_V9_2 Liftoff exon    37407805        37408085        .       +
        .       Parent=Smp_137640.1
SM_V9_2 Liftoff exon    37410455        37410637        .       +
        .       Parent=Smp_137640.1
SM_V9_2 Liftoff exon    37412668        37413347        .       +
        .       Parent=Smp_137640.1
SM_V9_2 Liftoff CDS     37407888        37408085        .       +
        0       Parent=Smp_137640.1
SM_V9_2 Liftoff CDS     37410455        37410637        .       +
        0       Parent=Smp_137640.1
SM_V9_2 Liftoff CDS     37412668        37412868        .       +
        0       Parent=Smp_137640.1
SM_V9_2 Liftoff gene    37554581        37559235        .       +
        .       ID=Smp_328540;geneID=Smp_328540
SM_V9_2 Liftoff mRNA    37554581        37559235        .       +
        .
ID=Smp_328540.1;Parent=Smp_328540;geneID=Smp_328540;product=Protocad
herin gamma-
A6;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_2 Liftoff exon    37554581        37559235        .       +
        .       Parent=Smp_328540.1
SM_V9_2 Liftoff CDS     37554787        37558932        .       +
        0       Parent=Smp_328540.1
SM_V9_2 iris    gene    37707354        37721529        .       -
        .
ID=Smp_194520;geneID=Smp_194520;gene_name=Smp_194520;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    37707354        37721529        .       -
        .
ID=Smp_194520.1;Parent=Smp_194520;geneID=Smp_194520;gene_name=Smp_19
4520;owner=irisadmin@local.host;orig_id=Smp_194520.2;date_last_modif
ied=2022-07-31;Name=Smp_194520.1;product=Histone acetyltransferase
KAT8;date_creation=2022-07-30
SM_V9_2 iris    exon    37707354        37708172        .       -
        .
Parent=Smp_194520.1;Name=0b83ea4e-327b-4706-86c0-99410c98a744
SM_V9_2 iris    exon    37708506        37708653        .       -
        .
Parent=Smp_194520.1;Name=20413610-4424-412a-9a87-16ab520dfae7
SM_V9_2 iris    exon    37710720        37710813        .       -
        .
Parent=Smp_194520.1;Name=e722bd1c-523b-400a-9414-3f1675dff4e8
SM_V9_2 iris    exon    37712633        37712773        .       -
        .       Parent=Smp_194520.1;Name=b94fb993-9cb5-4a2b-
b93b-91e71a1ff353
SM_V9_2 iris    exon    37714999        37715256        .       -
        .       Parent=Smp_194520.1;Name=f3f8389e-de45-4d2e-9875-
ebaf0ced4795
SM_V9_2 iris    exon    37717333        37717386        .       -
        .       Parent=Smp_194520.1;Name=d6ea3c4f-f29f-4407-98b2-
bee35426a5ff
SM_V9_2 iris    exon    37718115        37718284        .       -
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        .       Parent=Smp_194520.1;Name=a3eb7175-bdd5-487d-a0aa-
e656bd435c03
SM_V9_2 iris    exon    37718324        37718395        .       -
        .       Parent=Smp_194520.1;Name=5c3cfe11-b4a0-4c79-
b60f-83064dcd1825
SM_V9_2 iris    exon    37718441        37718557        .       -
        .
Parent=Smp_194520.1;Name=4932bf05-4683-494f-99d4-9114667a6c23
SM_V9_2 iris    exon    37721489        37721529        .       -
        .       Parent=Smp_194520.1;Name=dcc8bf3c-9ab7-4915-bd46-
f080242bafca
SM_V9_2 iris    CDS     37707881        37708172        .       -
        1       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37708506        37708653        .       -
        2       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37710720        37710813        .       -
        0       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37712633        37712773        .       -
        0       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37714999        37715256        .       -
        0       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37717333        37717386        .       -
        0       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37718115        37718284        .       -
        2       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37718324        37718395        .       -
        2       Parent=Smp_194520.1
SM_V9_2 iris    CDS     37718441        37718546        .       -
        0       Parent=Smp_194520.1
SM_V9_2 iris    gene    37730236        37779959        .       +
        .
ID=Smp_311770;geneID=Smp_311770;gene_name=Smp_311770;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    37730236        37779959        .       +
        .
ID=Smp_311770.1;Parent=Smp_311770;geneID=Smp_311770;gene_name=Smp_31
1770;owner=irisadmin@local.host;orig_id=Smp_311770.1;date_last_modif
ied=2022-07-31;Name=Smp_311770.1;product=Adenylate kinase isoenzyme
5;date_creation=2022-07-30
SM_V9_2 iris    exon    37730236        37730354        .       +
        .       Parent=Smp_311770.1;Name=47abbdeb-ef42-46c6-847c-
dd86d099a102
SM_V9_2 iris    exon    37731937        37732096        .       +
        .       Parent=Smp_311770.1;Name=0894bce7-a6be-4277-8278-
a039fe22b751
SM_V9_2 iris    exon    37735287        37735546        .       +
        .       Parent=Smp_311770.1;Name=499bd86d-302f-437c-bfad-
fdb90189b704
SM_V9_2 iris    exon    37735549        37735560        .       +
        .       Parent=Smp_311770.1;Name=2474fd8e-a32c-4f5a-8eac-
a1b05bb5aa28
SM_V9_2 iris    exon    37735613        37735726        .       +
        .       Parent=Smp_311770.1;Name=43d8193e-3480-4092-
a50e-5d6acf2fec19
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SM_V9_2 iris    exon    37737023        37737226        .       +
        .       Parent=Smp_311770.1;Name=cbfde657-15a4-44cd-bbde-
f7dbc9d5fe15
SM_V9_2 iris    exon    37747852        37747933        .       +
        .       Parent=Smp_311770.1;Name=c2fb99b3-1bca-4125-
b1ee-86d9c51dfc46
SM_V9_2 iris    exon    37749632        37749811        .       +
        .       Parent=Smp_311770.1;Name=9aa5b6ef-fecd-46c9-80f0-
dd7b29b9bd8c
SM_V9_2 iris    exon    37753079        37753263        .       +
        .       Parent=Smp_311770.1;Name=364f35a7-f807-4284-92a4-
afc74e6d106d
SM_V9_2 iris    exon    37755184        37755207        .       +
        .       Parent=Smp_311770.1;Name=daa2ead5-e90a-4416-a937-
f1f575e5dadf
SM_V9_2 iris    exon    37756217        37756333        .       +
        .
Parent=Smp_311770.1;Name=e3571423-5962-48ba-86ab-9a0df6e1cf07
SM_V9_2 iris    exon    37760898        37761089        .       +
        .       Parent=Smp_311770.1;Name=8019e344-d55e-4c7c-a77d-
f141cf4ca1a3
SM_V9_2 iris    exon    37764294        37764365        .       +
        .       Parent=Smp_311770.1;Name=cc403a46-acec-4d41-abc4-
accb53626d52
SM_V9_2 iris    exon    37765087        37765194        .       +
        .
Parent=Smp_311770.1;Name=36205b75-1c65-49a5-975f-865a25f951d4
SM_V9_2 iris    exon    37766217        37766232        .       +
        .       Parent=Smp_311770.1;Name=ae39990d-bc6f-439e-
b2f3-687cd81f6edd
SM_V9_2 iris    exon    37767646        37767786        .       +
        .       Parent=Smp_311770.1;Name=343bdfc3-67a4-4d44-
b0ab-06a4360f03d1
SM_V9_2 iris    exon    37769913        37769972        .       +
        .
Parent=Smp_311770.1;Name=c00e00f5-643a-4b1a-90e9-14888419630c
SM_V9_2 iris    exon    37772791        37773041        .       +
        .       Parent=Smp_311770.1;Name=403e5762-7c7d-45f0-
a395-40b8fd6f6943
SM_V9_2 iris    exon    37776684        37776824        .       +
        .       Parent=Smp_311770.1;Name=ca963ab8-2d0e-438b-9681-
fb9930f22b9f
SM_V9_2 iris    exon    37779502        37779959        .       +
        .       Parent=Smp_311770.1;Name=955c11d3-e3bc-4e31-
b346-6a0f50dc971a
SM_V9_2 iris    CDS     37731955        37732096        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37735287        37735546        .       +
        2       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37735549        37735560        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37735613        37735726        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37737023        37737226        .       +
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        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37747852        37747933        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37749632        37749811        .       +
        2       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37753079        37753263        .       +
        2       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37755184        37755207        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37756217        37756333        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37760898        37761089        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37764294        37764365        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37765087        37765194        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37766217        37766232        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37767646        37767786        .       +
        2       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37769913        37769972        .       +
        2       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37772791        37773041        .       +
        2       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37776684        37776824        .       +
        0       Parent=Smp_311770.1
SM_V9_2 iris    CDS     37779502        37779561        .       +
        0       Parent=Smp_311770.1
SM_V9_2 Liftoff gene    37785947        37797582        .       +
        .       ID=Smp_121580;geneID=Smp_121580
SM_V9_2 Liftoff mRNA    37785947        37797582        .       +
        .
ID=Smp_121580.1;Parent=Smp_121580;geneID=Smp_121580;product=Piwi-
like protein
2;polypeptide_domain=InterPro:IPR000157,IPR011989,IPR016024
Pfam:PF13676;Ontology_term=GO:0005488,GO:0005515,GO:0007165
SM_V9_2 Liftoff exon    37785947        37786574        .       +
        .       Parent=Smp_121580.1
SM_V9_2 Liftoff exon    37786617        37786763        .       +
        .       Parent=Smp_121580.1
SM_V9_2 Liftoff exon    37786797        37786956        .       +
        .       Parent=Smp_121580.1
SM_V9_2 Liftoff exon    37788381        37788665        .       +
        .       Parent=Smp_121580.1
SM_V9_2 Liftoff exon    37790809        37790942        .       +
        .       Parent=Smp_121580.1
SM_V9_2 Liftoff exon    37792566        37792698        .       +
        .       Parent=Smp_121580.1
SM_V9_2 Liftoff exon    37793671        37797582        .       +
        .       Parent=Smp_121580.1
SM_V9_2 Liftoff CDS     37786113        37786574        .       +
        0       Parent=Smp_121580.1
SM_V9_2 Liftoff CDS     37786617        37786763        .       +
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        0       Parent=Smp_121580.1
SM_V9_2 Liftoff CDS     37786797        37786956        .       +
        0       Parent=Smp_121580.1
SM_V9_2 Liftoff CDS     37788381        37788665        .       +
        2       Parent=Smp_121580.1
SM_V9_2 Liftoff CDS     37790809        37790942        .       +
        2       Parent=Smp_121580.1
SM_V9_2 Liftoff CDS     37792566        37792698        .       +
        0       Parent=Smp_121580.1
SM_V9_2 Liftoff CDS     37793671        37793876        .       +
        2       Parent=Smp_121580.1
SM_V9_2 Liftoff gene    37835403        37883977        .       +
        .       ID=Smp_201700;geneID=Smp_201700
SM_V9_2 Liftoff mRNA    37835403        37883977        .       +
        .
ID=Smp_201700.1;Parent=Smp_201700;geneID=Smp_201700;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    37835403        37879268        .       +
        .       Parent=Smp_201700.1
SM_V9_2 Liftoff exon    37883247        37883977        .       +
        .       Parent=Smp_201700.1
SM_V9_2 Liftoff CDS     37879172        37879268        .       +
        0       Parent=Smp_201700.1
SM_V9_2 Liftoff CDS     37883247        37883665        .       +
        2       Parent=Smp_201700.1
SM_V9_2 Liftoff gene    37908551        37912259        .       -
        .       ID=Smp_328550;geneID=Smp_328550
SM_V9_2 Liftoff mRNA    37908551        37912259        .       -
        .
ID=Smp_328550.1;Parent=Smp_328550;geneID=Smp_328550;product=FAD
assembly factor SdhE
SM_V9_2 Liftoff exon    37908551        37908776        .       -
        .       Parent=Smp_328550.1
SM_V9_2 Liftoff exon    37910449        37912259        .       -
        .       Parent=Smp_328550.1
SM_V9_2 Liftoff CDS     37908656        37908776        .       -
        1       Parent=Smp_328550.1
SM_V9_2 Liftoff CDS     37910449        37910507        .       -
        0       Parent=Smp_328550.1
SM_V9_2 Liftoff gene    37914404        37916089        .       -
        .       ID=Smp_121600;geneID=Smp_121600
SM_V9_2 Liftoff mRNA    37914404        37916089        .       -
        .
ID=Smp_121600.1;Parent=Smp_121600;geneID=Smp_121600;product=Lysophos
pholipase nte1
SM_V9_2 Liftoff exon    37914404        37914982        .       -
        .       Parent=Smp_121600.1
SM_V9_2 Liftoff exon    37915315        37915371        .       -
        .       Parent=Smp_121600.1
SM_V9_2 Liftoff exon    37915410        37915526        .       -
        .       Parent=Smp_121600.1
SM_V9_2 Liftoff exon    37915561        37915658        .       -
        .       Parent=Smp_121600.1
SM_V9_2 Liftoff exon    37915698        37915812        .       -
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        .       Parent=Smp_121600.1
SM_V9_2 Liftoff exon    37915852        37916089        .       -
        .       Parent=Smp_121600.1
SM_V9_2 Liftoff CDS     37914821        37914982        .       -
        0       Parent=Smp_121600.1
SM_V9_2 Liftoff CDS     37915315        37915371        .       -
        0       Parent=Smp_121600.1
SM_V9_2 Liftoff CDS     37915410        37915526        .       -
        0       Parent=Smp_121600.1
SM_V9_2 Liftoff CDS     37915561        37915658        .       -
        2       Parent=Smp_121600.1
SM_V9_2 Liftoff CDS     37915698        37915812        .       -
        0       Parent=Smp_121600.1
SM_V9_2 Liftoff CDS     37915852        37915962        .       -
        0       Parent=Smp_121600.1
SM_V9_2 Liftoff mRNA    37914404        37916089        .       -
        .
ID=Smp_121600.2;Parent=Smp_121600;geneID=Smp_121600;product=Lysophos
pholipase nte1
SM_V9_2 Liftoff exon    37914404        37915177        .       -
        .       Parent=Smp_121600.2
SM_V9_2 Liftoff exon    37915410        37915526        .       -
        .       Parent=Smp_121600.2
SM_V9_2 Liftoff exon    37915561        37915658        .       -
        .       Parent=Smp_121600.2
SM_V9_2 Liftoff exon    37915698        37915812        .       -
        .       Parent=Smp_121600.2
SM_V9_2 Liftoff exon    37915852        37916089        .       -
        .       Parent=Smp_121600.2
SM_V9_2 Liftoff CDS     37915034        37915177        .       -
        0       Parent=Smp_121600.2
SM_V9_2 Liftoff CDS     37915410        37915526        .       -
        0       Parent=Smp_121600.2
SM_V9_2 Liftoff CDS     37915561        37915658        .       -
        2       Parent=Smp_121600.2
SM_V9_2 Liftoff CDS     37915698        37915812        .       -
        0       Parent=Smp_121600.2
SM_V9_2 Liftoff CDS     37915852        37915962        .       -
        0       Parent=Smp_121600.2
SM_V9_2 Liftoff mRNA    37914404        37916089        .       -
        .
ID=Smp_121600.3;Parent=Smp_121600;geneID=Smp_121600;product=Lysophos
pholipase nte1
SM_V9_2 Liftoff exon    37914404        37915371        .       -
        .       Parent=Smp_121600.3
SM_V9_2 Liftoff exon    37915410        37915526        .       -
        .       Parent=Smp_121600.3
SM_V9_2 Liftoff exon    37915561        37915658        .       -
        .       Parent=Smp_121600.3
SM_V9_2 Liftoff exon    37915698        37915812        .       -
        .       Parent=Smp_121600.3
SM_V9_2 Liftoff exon    37915852        37916089        .       -
        .       Parent=Smp_121600.3
SM_V9_2 Liftoff CDS     37915306        37915371        .       -
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        0       Parent=Smp_121600.3
SM_V9_2 Liftoff CDS     37915410        37915526        .       -
        0       Parent=Smp_121600.3
SM_V9_2 Liftoff CDS     37915561        37915658        .       -
        2       Parent=Smp_121600.3
SM_V9_2 Liftoff CDS     37915698        37915812        .       -
        0       Parent=Smp_121600.3
SM_V9_2 Liftoff CDS     37915852        37915962        .       -
        0       Parent=Smp_121600.3
SM_V9_2 Liftoff gene    37922293        37929639        .       +
        .       ID=Smp_121610;geneID=Smp_121610
SM_V9_2 Liftoff mRNA    37922293        37929639        .       +
        .
ID=Smp_121610.1;Parent=Smp_121610;geneID=Smp_121610;product=SET and
MYND domain-containing protein
5;polypeptide_domain=InterPro:IPR001214
Pfam:PF00856;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    37922293        37925055        .       +
        .       Parent=Smp_121610.1
SM_V9_2 Liftoff exon    37929179        37929639        .       +
        .       Parent=Smp_121610.1
SM_V9_2 Liftoff CDS     37924092        37925055        .       +
        0       Parent=Smp_121610.1
SM_V9_2 Liftoff CDS     37929179        37929486        .       +
        2       Parent=Smp_121610.1
SM_V9_2 Liftoff gene    37930223        37932839        .       +
        .       ID=Smp_194560;geneID=Smp_194560
SM_V9_2 Liftoff mRNA    37930223        37932839        .       +
        .
ID=Smp_194560.1;Parent=Smp_194560;geneID=Smp_194560;product=Small
VCP/p97-interacting protein;polypeptide_domain=InterPro:IPR031632
Pfam:PF15811 match$559_49_106
SM_V9_2 Liftoff exon    37930223        37930701        .       +
        .       Parent=Smp_194560.1
SM_V9_2 Liftoff exon    37932338        37932839        .       +
        .       Parent=Smp_194560.1
SM_V9_2 Liftoff CDS     37930666        37930701        .       +
        0       Parent=Smp_194560.1
SM_V9_2 Liftoff CDS     37932338        37932625        .       +
        0       Parent=Smp_194560.1
SM_V9_2 iris    gene    37947646        37966716        .       +
        .
ID=Smp_194570;geneID=Smp_194570;gene_name=Smp_194570;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    37947646        37966716        .       +
        .
ID=Smp_194570.1;Parent=Smp_194570;geneID=Smp_194570;gene_name=Smp_19
4570;owner=irisadmin@local.host;orig_id=Smp_194570.1;date_last_modif
ied=2022-07-31;Name=Smp_194570.1;product=WD repeat and SOCS box-
containing protein 1;date_creation=2022-07-30
SM_V9_2 iris    exon    37947646        37947760        .       +
        .
Parent=Smp_194570.1;Name=3f721e81-5013-49a3-809f-876502157a33
SM_V9_2 iris    exon    37950096        37950246        .       +
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        .       Parent=Smp_194570.1;Name=ec71c94a-ffcf-40e7-
a0c0-4329011738bc
SM_V9_2 iris    exon    37951360        37951760        .       +
        .       Parent=Smp_194570.1;Name=c62c598b-768b-46ed-89ad-
a554720766c3
SM_V9_2 iris    exon    37954014        37954297        .       +
        .       Parent=Smp_194570.1;Name=3313fe5e-8283-4c7a-9b19-
c20f4c189d53
SM_V9_2 iris    exon    37956960        37957123        .       +
        .       Parent=Smp_194570.1;Name=960736b9-1558-4926-
b7ff-2160e0ffbf3c
SM_V9_2 iris    exon    37960822        37960935        .       +
        .       Parent=Smp_194570.1;Name=dfa6b79b-0176-4b78-
ba39-87cefe3859da
SM_V9_2 iris    exon    37962042        37962176        .       +
        .       Parent=Smp_194570.1;Name=16db8e14-9f96-4411-
b1ef-5839b0782b5d
SM_V9_2 iris    exon    37966061        37966716        .       +
        .       Parent=Smp_194570.1;Name=12d85d11-
c302-45c6-94d1-98230c50142e
SM_V9_2 iris    CDS     37947748        37947760        .       +
        0       Parent=Smp_194570.1
SM_V9_2 iris    CDS     37950096        37950246        .       +
        2       Parent=Smp_194570.1
SM_V9_2 iris    CDS     37951360        37951760        .       +
        1       Parent=Smp_194570.1
SM_V9_2 iris    CDS     37954014        37954297        .       +
        2       Parent=Smp_194570.1
SM_V9_2 iris    CDS     37956960        37957123        .       +
        0       Parent=Smp_194570.1
SM_V9_2 iris    CDS     37960822        37960935        .       +
        1       Parent=Smp_194570.1
SM_V9_2 iris    CDS     37962042        37962176        .       +
        1       Parent=Smp_194570.1
SM_V9_2 iris    CDS     37966061        37966328        .       +
        1       Parent=Smp_194570.1
SM_V9_2 Liftoff gene    37975031        37984169        .       -
        .       ID=Smp_155590;geneID=Smp_155590
SM_V9_2 Liftoff mRNA    37975031        37984169        .       -
        .
ID=Smp_155590.1;Parent=Smp_155590;geneID=Smp_155590;product=Vesicle
transport protein USE1;polypeptide_domain=InterPro:IPR019150
Pfam:PF09753
SM_V9_2 Liftoff exon    37975031        37975849        .       -
        .       Parent=Smp_155590.1
SM_V9_2 Liftoff exon    37977745        37978051        .       -
        .       Parent=Smp_155590.1
SM_V9_2 Liftoff exon    37980176        37984169        .       -
        .       Parent=Smp_155590.1
SM_V9_2 Liftoff CDS     37975440        37975849        .       -
        2       Parent=Smp_155590.1
SM_V9_2 Liftoff CDS     37977745        37978051        .       -
        0       Parent=Smp_155590.1
SM_V9_2 Liftoff CDS     37980176        37980340        .       -
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        0       Parent=Smp_155590.1
SM_V9_2 Liftoff gene    38007042        38064454        .       -
        .
ID=Smp_315600;geneID=Smp_315600;previous_systematic_id=Smp_155600
SM_V9_2 Liftoff mRNA    38007042        38064454        .       -
        .
ID=Smp_315600.1;Parent=Smp_315600;geneID=Smp_315600;product=Protocad
herin-11 X-
linked;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_2 Liftoff exon    38007042        38008112        .       -
        .       Parent=Smp_315600.1
SM_V9_2 Liftoff exon    38010836        38011425        .       -
        .       Parent=Smp_315600.1
SM_V9_2 Liftoff exon    38014569        38014757        .       -
        .       Parent=Smp_315600.1
SM_V9_2 Liftoff exon    38016211        38016417        .       -
        .       Parent=Smp_315600.1
SM_V9_2 Liftoff exon    38020479        38020742        .       -
        .       Parent=Smp_315600.1
SM_V9_2 Liftoff exon    38028572        38028775        .       -
        .       Parent=Smp_315600.1
SM_V9_2 Liftoff exon    38062527        38064454        .       -
        .       Parent=Smp_315600.1
SM_V9_2 Liftoff CDS     38007722        38008112        .       -
        1       Parent=Smp_315600.1
SM_V9_2 Liftoff CDS     38010836        38011425        .       -
        0       Parent=Smp_315600.1
SM_V9_2 Liftoff CDS     38014569        38014757        .       -
        0       Parent=Smp_315600.1
SM_V9_2 Liftoff CDS     38016211        38016417        .       -
        0       Parent=Smp_315600.1
SM_V9_2 Liftoff CDS     38020479        38020742        .       -
        0       Parent=Smp_315600.1
SM_V9_2 Liftoff CDS     38028572        38028775        .       -
        0       Parent=Smp_315600.1
SM_V9_2 Liftoff CDS     38062527        38063282        .       -
        0       Parent=Smp_315600.1
SM_V9_2 Liftoff gene    38116283        38126519        .       -
        .
ID=Smp_315610;geneID=Smp_315610;previous_systematic_id=Smp_155610
SM_V9_2 Liftoff mRNA    38116283        38126519        .       -
        .
ID=Smp_315610.1;Parent=Smp_315610;geneID=Smp_315610;product=Troponin
C, skeletal
muscle;polypeptide_domain=InterPro:IPR002048,IPR011992;Ontology_term
=GO:0005509
SM_V9_2 Liftoff exon    38116283        38116501        .       -
        .       Parent=Smp_315610.1
SM_V9_2 Liftoff exon    38117367        38117514        .       -
        .       Parent=Smp_315610.1
SM_V9_2 Liftoff exon    38119730        38119827        .       -
        .       Parent=Smp_315610.1
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SM_V9_2 Liftoff exon    38123012        38123167        .       -
        .       Parent=Smp_315610.1
SM_V9_2 Liftoff exon    38125226        38126519        .       -
        .       Parent=Smp_315610.1
SM_V9_2 Liftoff CDS     38116407        38116501        .       -
        2       Parent=Smp_315610.1
SM_V9_2 Liftoff CDS     38117367        38117514        .       -
        0       Parent=Smp_315610.1
SM_V9_2 Liftoff CDS     38119730        38119827        .       -
        2       Parent=Smp_315610.1
SM_V9_2 Liftoff CDS     38123012        38123167        .       -
        2       Parent=Smp_315610.1
SM_V9_2 Liftoff CDS     38125226        38125319        .       -
        0       Parent=Smp_315610.1
SM_V9_2 iris    gene    38162098        38164659        .       -
        .
ID=Smp_155620;geneID=Smp_155620;gene_name=Smp_155620;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38162098        38164659        .       -
        .
ID=Smp_155620.1;Parent=Smp_155620;geneID=Smp_155620;gene_name=Smp_15
5620;owner=irisadmin@local.host;orig_id=Smp_155620.1;date_last_modif
ied=2022-07-31;Name=Smp_155620.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    38162098        38164659        .       -
        .       Parent=Smp_155620.1;Name=c0c45d47-
e324-4cb0-878a-52a785b1cadf
SM_V9_2 iris    CDS     38163083        38164543        .       -
        0       Parent=Smp_155620.1
SM_V9_2 iris    gene    38179181        38189079        .       -
        .
ID=Smp_155630;geneID=Smp_155630;gene_name=Smp_155630;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38179181        38189079        .       -
        .
ID=Smp_155630.1;Parent=Smp_155630;geneID=Smp_155630;gene_name=Smp_15
5630;owner=irisadmin@local.host;orig_id=Smp_155630.1;date_last_modif
ied=2022-07-31;Name=Smp_155630.1;product=Sensor protein
EvgS;date_creation=2022-07-30
SM_V9_2 iris    exon    38179181        38179507        .       -
        .
Parent=Smp_155630.1;Name=1c68e8d3-8818-452b-866b-375132b2a853
SM_V9_2 iris    exon    38182036        38182296        .       -
        .       Parent=Smp_155630.1;Name=0ab6ef9d-
f9ff-4f46-84e6-95dc12c257de
SM_V9_2 iris    exon    38185424        38186047        .       -
        .       Parent=Smp_155630.1;Name=679eef76-0c0a-4bd5-b9b1-
ae73fc923f72
SM_V9_2 iris    exon    38186086        38186280        .       -
        .
Parent=Smp_155630.1;Name=16992d7b-256d-46d5-8225-275bbf116e98
SM_V9_2 iris    exon    38189010        38189079        .       -
        .       Parent=Smp_155630.1;Name=3818384b-7be3-445f-89db-
e03bf3b16b81
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SM_V9_2 iris    CDS     38179322        38179507        .       -
        0       Parent=Smp_155630.1
SM_V9_2 iris    CDS     38182036        38182296        .       -
        0       Parent=Smp_155630.1
SM_V9_2 iris    CDS     38185424        38186047        .       -
        0       Parent=Smp_155630.1
SM_V9_2 iris    CDS     38186086        38186211        .       -
        0       Parent=Smp_155630.1
SM_V9_2 Liftoff gene    38189128        38196643        .       +
        .       ID=Smp_155640;geneID=Smp_155640
SM_V9_2 Liftoff mRNA    38189128        38196643        .       +
        .
ID=Smp_155640.1;Parent=Smp_155640;geneID=Smp_155640;product=Putative
RNA-binding protein 15
SM_V9_2 Liftoff exon    38189128        38189184        .       +
        .       Parent=Smp_155640.1
SM_V9_2 Liftoff exon    38196320        38196643        .       +
        .       Parent=Smp_155640.1
SM_V9_2 Liftoff CDS     38189128        38189184        .       +
        0       Parent=Smp_155640.1
SM_V9_2 Liftoff CDS     38196320        38196643        .       +
        0       Parent=Smp_155640.1
SM_V9_2 Liftoff gene    38196651        38197299        .       +
        .       ID=Smp_062240;geneID=Smp_062240
SM_V9_2 Liftoff mRNA    38196651        38197299        .       +
        .
ID=Smp_062240.1;Parent=Smp_062240;geneID=Smp_062240;product=Putative
RNA-binding protein 15B;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    38196651        38197299        .       +
        .       Parent=Smp_062240.1
SM_V9_2 Liftoff CDS     38196674        38197264        .       +
        0       Parent=Smp_062240.1
SM_V9_2 Liftoff gene    38206124        38211949        .       -
        .       ID=Smp_062250;geneID=Smp_062250
SM_V9_2 Liftoff mRNA    38206124        38211949        .       -
        .
ID=Smp_062250.1;Parent=Smp_062250;geneID=Smp_062250;product=Myosin-2
essential light
chain;polypeptide_domain=InterPro:IPR002048,IPR011992
Pfam:PF13405;Ontology_term=GO:0005509
SM_V9_2 Liftoff exon    38206124        38206353        .       -
        .       Parent=Smp_062250.1
SM_V9_2 Liftoff exon    38208030        38208272        .       -
        .       Parent=Smp_062250.1
SM_V9_2 Liftoff exon    38210377        38210517        .       -
        .       Parent=Smp_062250.1
SM_V9_2 Liftoff exon    38210553        38210580        .       -
        .       Parent=Smp_062250.1
SM_V9_2 Liftoff exon    38210621        38211949        .       -
        .       Parent=Smp_062250.1
SM_V9_2 Liftoff CDS     38206328        38206353        .       -
        2       Parent=Smp_062250.1
SM_V9_2 Liftoff CDS     38208030        38208272        .       -
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        2       Parent=Smp_062250.1
SM_V9_2 Liftoff CDS     38210377        38210517        .       -
        2       Parent=Smp_062250.1
SM_V9_2 Liftoff CDS     38210553        38210580        .       -
        0       Parent=Smp_062250.1
SM_V9_2 Liftoff CDS     38210621        38210623        .       -
        0       Parent=Smp_062250.1
SM_V9_2 iris    gene    38237647        38244508        .       +
        .
ID=Smp_062260;geneID=Smp_062260;gene_name=Smp_062260;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38237647        38244508        .       +
        .
ID=Smp_062260.1;Parent=Smp_062260;geneID=Smp_062260;gene_name=Smp_06
2260;owner=irisadmin@local.host;orig_id=Smp_062260.1;date_last_modif
ied=2022-08-01;Name=Smp_062260.1;product=Uridine-cytidine kinase
2;date_creation=2022-07-30
SM_V9_2 iris    exon    38237647        38237771        .       +
        .       Parent=Smp_062260.1;Name=8be23a23-4ac5-42a6-9bb6-
bba7a676aaf6
SM_V9_2 iris    exon    38237804        38237954        .       +
        .       Parent=Smp_062260.1;Name=41d5d4a4-d8f2-45f7-
aa1d-2ea71beaa08c
SM_V9_2 iris    exon    38243071        38243167        .       +
        .       Parent=Smp_062260.1;Name=9853415b-6523-4db1-b0ef-
ff7f73fe4d9b
SM_V9_2 iris    exon    38243202        38243347        .       +
        .       Parent=Smp_062260.1;Name=0a8f7c8f-33e0-41f1-
bb7e-2f31d9f28d6d
SM_V9_2 iris    exon    38243386        38243483        .       +
        .       Parent=Smp_062260.1;Name=ca2b0fb2-3f3d-49bf-
b005-3ccabeb8e7ac
SM_V9_2 iris    exon    38243998        38244508        .       +
        .       Parent=Smp_062260.1;Name=6c8dc8f4-7bd1-4685-827f-
ebdda4d42010
SM_V9_2 iris    CDS     38237709        38237771        .       +
        0       Parent=Smp_062260.1
SM_V9_2 iris    CDS     38237804        38237954        .       +
        0       Parent=Smp_062260.1
SM_V9_2 iris    CDS     38243071        38243167        .       +
        2       Parent=Smp_062260.1
SM_V9_2 iris    CDS     38243202        38243347        .       +
        1       Parent=Smp_062260.1
SM_V9_2 iris    CDS     38243386        38243483        .       +
        2       Parent=Smp_062260.1
SM_V9_2 iris    CDS     38243998        38244180        .       +
        0       Parent=Smp_062260.1
SM_V9_2 Liftoff gene    38248661        38253949        .       -
        .       ID=Smp_062270;geneID=Smp_062270
SM_V9_2 Liftoff mRNA    38248661        38253949        .       -
        .
ID=Smp_062270.1;Parent=Smp_062270;geneID=Smp_062270;product=Protein
lin-52 homolog;polypeptide_domain=InterPro:IPR018737
Pfam:PF10044;Ontology_term=GO:0006351,GO:0007049,GO:0070176
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SM_V9_2 Liftoff exon    38248661        38248918        .       -
        .       Parent=Smp_062270.1
SM_V9_2 Liftoff exon    38248959        38249042        .       -
        .       Parent=Smp_062270.1
SM_V9_2 Liftoff exon    38249088        38249195        .       -
        .       Parent=Smp_062270.1
SM_V9_2 Liftoff exon    38249225        38253949        .       -
        .       Parent=Smp_062270.1
SM_V9_2 Liftoff CDS     38248869        38248918        .       -
        2       Parent=Smp_062270.1
SM_V9_2 Liftoff CDS     38248959        38249042        .       -
        2       Parent=Smp_062270.1
SM_V9_2 Liftoff CDS     38249088        38249195        .       -
        2       Parent=Smp_062270.1
SM_V9_2 Liftoff CDS     38249225        38249303        .       -
        0       Parent=Smp_062270.1
SM_V9_2 Liftoff gene    38275666        38296898        .       +
        .
ID=Smp_336700;geneID=Smp_336700;previous_systematic_id=Smp_142360,Sm
p_142370,Smp_197280
SM_V9_2 Liftoff mRNA    38275666        38296898        .       +
        .
ID=Smp_336700.3;Parent=Smp_336700;geneID=Smp_336700;product=Phosphat
idylinositol 5-phosphate 4-kinase type-2
beta;polypeptide_domain=InterPro:IPR002498,IPR027483,IPR027484
Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
SM_V9_2 Liftoff exon    38275666        38278140        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38278192        38278288        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38280359        38280511        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38281367        38281513        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38284283        38284321        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38290045        38290158        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38293024        38293480        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38294786        38294893        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff exon    38295726        38296898        .       +
        .       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38277932        38278140        .       +
        0       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38278192        38278288        .       +
        1       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38280359        38280511        .       +
        0       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38281367        38281513        .       +
        0       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38284283        38284321        .       +
        0       Parent=Smp_336700.3
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SM_V9_2 Liftoff CDS     38290045        38290158        .       +
        0       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38293024        38293480        .       +
        0       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38294786        38294893        .       +
        2       Parent=Smp_336700.3
SM_V9_2 Liftoff CDS     38295726        38295904        .       +
        2       Parent=Smp_336700.3
SM_V9_2 Liftoff mRNA    38275666        38296898        .       +
        .
ID=Smp_336700.4;Parent=Smp_336700;geneID=Smp_336700;product=Phosphat
idylinositol 5-phosphate 4-kinase type-2
beta;polypeptide_domain=InterPro:IPR002498,IPR027483,IPR027484
Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
SM_V9_2 Liftoff exon    38275666        38278140        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff exon    38278192        38278288        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff exon    38280359        38280511        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff exon    38281367        38281513        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff exon    38290045        38290158        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff exon    38293024        38293480        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff exon    38294786        38294893        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff exon    38295726        38296898        .       +
        .       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38277932        38278140        .       +
        0       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38278192        38278288        .       +
        1       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38280359        38280511        .       +
        0       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38281367        38281513        .       +
        0       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38290045        38290158        .       +
        0       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38293024        38293480        .       +
        0       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38294786        38294893        .       +
        2       Parent=Smp_336700.4
SM_V9_2 Liftoff CDS     38295726        38295904        .       +
        2       Parent=Smp_336700.4
SM_V9_2 Liftoff mRNA    38275776        38296898        .       +
        .
ID=Smp_336700.1;Parent=Smp_336700;geneID=Smp_336700;product=Phosphat
idylinositol 5-phosphate 4-kinase type-2
beta;polypeptide_domain=InterPro:IPR002498,IPR027483,IPR027484
Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
SM_V9_2 Liftoff exon    38275776        38278140        .       +
        .       Parent=Smp_336700.1
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SM_V9_2 Liftoff exon    38278192        38278288        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38280359        38280511        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38281367        38281513        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38281698        38281886        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38284283        38284321        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38290045        38290158        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38293024        38293480        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38294786        38294893        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff exon    38295726        38296898        .       +
        .       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38277932        38278140        .       +
        0       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38278192        38278288        .       +
        1       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38280359        38280511        .       +
        0       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38281367        38281513        .       +
        0       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38281698        38281886        .       +
        0       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38284283        38284321        .       +
        0       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38290045        38290158        .       +
        0       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38293024        38293480        .       +
        0       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38294786        38294893        .       +
        2       Parent=Smp_336700.1
SM_V9_2 Liftoff CDS     38295726        38295904        .       +
        2       Parent=Smp_336700.1
SM_V9_2 Liftoff mRNA    38277866        38296898        .       +
        .
ID=Smp_336700.2;Parent=Smp_336700;geneID=Smp_336700;product=Phosphat
idylinositol 5-phosphate 4-kinase type-2
beta;polypeptide_domain=InterPro:IPR002498,IPR027483,IPR027484
Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
SM_V9_2 Liftoff exon    38277866        38278140        .       +
        .       Parent=Smp_336700.2
SM_V9_2 Liftoff exon    38278192        38278288        .       +
        .       Parent=Smp_336700.2
SM_V9_2 Liftoff exon    38280359        38280511        .       +
        .       Parent=Smp_336700.2
SM_V9_2 Liftoff exon    38281367        38281513        .       +
        .       Parent=Smp_336700.2
SM_V9_2 Liftoff exon    38281698        38281877        .       +
        .       Parent=Smp_336700.2
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SM_V9_2 Liftoff exon    38284283        38284321        .       +
        .       Parent=Smp_336700.2
SM_V9_2 Liftoff exon    38290045        38290158        .       +
        .       Parent=Smp_336700.2
SM_V9_2 Liftoff exon    38293024        38293480        .       +
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SM_V9_2 Liftoff exon    38294786        38294893        .       +
        .       Parent=Smp_336700.2
SM_V9_2 Liftoff exon    38295726        38296898        .       +
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SM_V9_2 Liftoff CDS     38277932        38278140        .       +
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SM_V9_2 Liftoff CDS     38281698        38281877        .       +
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SM_V9_2 Liftoff CDS     38290045        38290158        .       +
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SM_V9_2 Liftoff CDS     38293024        38293480        .       +
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SM_V9_2 Liftoff CDS     38294786        38294893        .       +
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SM_V9_2 Liftoff CDS     38295726        38295904        .       +
        2       Parent=Smp_336700.2
SM_V9_2 Liftoff gene    38359019        38413131        .       +
        .       ID=Smp_214320;geneID=Smp_214320
SM_V9_2 Liftoff mRNA    38359019        38413131        .       +
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idence=Traceable Author Statement;literature=PMID:18187213
SM_V9_2 Liftoff exon    38359019        38359895        .       +
        .       Parent=Smp_214320.1
SM_V9_2 Liftoff exon    38360695        38360800        .       +
        .       Parent=Smp_214320.1
SM_V9_2 Liftoff exon    38364088        38364144        .       +
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SM_V9_2 Liftoff exon    38364180        38364248        .       +
        .       Parent=Smp_214320.1
SM_V9_2 Liftoff exon    38405964        38406032        .       +
        .       Parent=Smp_214320.1
SM_V9_2 Liftoff exon    38406869        38406931        .       +
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SM_V9_2 Liftoff exon    38407350        38407406        .       +
        .       Parent=Smp_214320.1
SM_V9_2 Liftoff exon    38407756        38407797        .       +
        .       Parent=Smp_214320.1
SM_V9_2 Liftoff exon    38408597        38408650        .       +
        .       Parent=Smp_214320.1
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SM_V9_2 Liftoff exon    38409394        38409410        .       +
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SM_V9_2 Liftoff exon    38409943        38413131        .       +
        .       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38359857        38359895        .       +
        0       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38360695        38360800        .       +
        0       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38364088        38364144        .       +
        2       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38364180        38364248        .       +
        2       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38405964        38406032        .       +
        2       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38406869        38406931        .       +
        2       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38407350        38407406        .       +
        2       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38407756        38407797        .       +
        2       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38408597        38408650        .       +
        2       Parent=Smp_214320.1
SM_V9_2 Liftoff CDS     38409394        38409410        .       +
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SM_V9_2 Liftoff CDS     38409943        38409975        .       +
        0       Parent=Smp_214320.1
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        .       Parent=Smp_214320.2
SM_V9_2 Liftoff exon    38364088        38364144        .       +
        .       Parent=Smp_214320.2
SM_V9_2 Liftoff exon    38364180        38364248        .       +
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SM_V9_2 Liftoff exon    38405964        38406032        .       +
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SM_V9_2 Liftoff exon    38406869        38406931        .       +
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SM_V9_2 Liftoff exon    38407350        38407406        .       +
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SM_V9_2 Liftoff exon    38407756        38407797        .       +
        .       Parent=Smp_214320.2
SM_V9_2 Liftoff exon    38408597        38408650        .       +
        .       Parent=Smp_214320.2
SM_V9_2 Liftoff exon    38409394        38409462        .       +
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SM_V9_2 Liftoff exon    38409943        38409987        .       +
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SM_V9_2 Liftoff exon    38410608        38410661        .       +
        .       Parent=Smp_214320.2
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SM_V9_2 Liftoff exon    38411653        38411715        .       +
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SM_V9_2 Liftoff exon    38412283        38412342        .       +
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SM_V9_2 Liftoff exon    38412501        38412557        .       +
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SM_V9_2 Liftoff exon    38412593        38413131        .       +
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SM_V9_2 Liftoff CDS     38359857        38359895        .       +
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SM_V9_2 Liftoff CDS     38360695        38360800        .       +
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SM_V9_2 Liftoff CDS     38364088        38364144        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38364180        38364248        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38405964        38406032        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38406869        38406931        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38407350        38407406        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38407756        38407797        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38408597        38408650        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38409394        38409462        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38409943        38409987        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38410608        38410661        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38411653        38411715        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38412283        38412342        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38412501        38412557        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff CDS     38412593        38412672        .       +
        2       Parent=Smp_214320.2
SM_V9_2 Liftoff mRNA    38359019        38413131        .       +
        .
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terized protein MG360 homolog
SM_V9_2 Liftoff exon    38359019        38359895        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38360695        38360800        .       +
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SM_V9_2 Liftoff exon    38364088        38364144        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38364180        38364248        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38405964        38406032        .       +
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SM_V9_2 Liftoff exon    38406869        38406931        .       +
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SM_V9_2 Liftoff exon    38407350        38407406        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38407756        38407797        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38408597        38408650        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38409394        38409462        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38409943        38409987        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38410608        38410661        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38411653        38411715        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38412283        38412342        .       +
        .       Parent=Smp_214320.3
SM_V9_2 Liftoff exon    38412501        38413131        .       +
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SM_V9_2 Liftoff CDS     38359857        38359895        .       +
        0       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38360695        38360800        .       +
        0       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38364088        38364144        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38364180        38364248        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38405964        38406032        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38406869        38406931        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38407350        38407406        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38407756        38407797        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38408597        38408650        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38409394        38409462        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38409943        38409987        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38410608        38410661        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38411653        38411715        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38412283        38412342        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff CDS     38412501        38412568        .       +
        2       Parent=Smp_214320.3
SM_V9_2 Liftoff gene    38430274        38452075        .       -
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beta;polypeptide_domain=InterPro:IPR002498,IPR027483,IPR027484
Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
SM_V9_2 Liftoff exon    38430274        38431478        .       -
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SM_V9_2 Liftoff exon    38432311        38432418        .       -
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SM_V9_2 Liftoff exon    38433700        38434156        .       -
        .       Parent=Smp_328600.1
SM_V9_2 Liftoff exon    38438644        38438757        .       -
        .       Parent=Smp_328600.1
SM_V9_2 Liftoff exon    38447270        38447416        .       -
        .       Parent=Smp_328600.1
SM_V9_2 Liftoff exon    38448272        38448424        .       -
        .       Parent=Smp_328600.1
SM_V9_2 Liftoff exon    38450476        38450572        .       -
        .       Parent=Smp_328600.1
SM_V9_2 Liftoff exon    38450624        38452075        .       -
        .       Parent=Smp_328600.1
SM_V9_2 Liftoff CDS     38431300        38431478        .       -
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SM_V9_2 Liftoff CDS     38432311        38432418        .       -
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SM_V9_2 Liftoff CDS     38433700        38434156        .       -
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SM_V9_2 Liftoff CDS     38438644        38438757        .       -
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SM_V9_2 Liftoff CDS     38447270        38447416        .       -
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SM_V9_2 Liftoff CDS     38448272        38448424        .       -
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SM_V9_2 Liftoff CDS     38450476        38450572        .       -
        1       Parent=Smp_328600.1
SM_V9_2 Liftoff CDS     38450624        38450742        .       -
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beta;polypeptide_domain=InterPro:IPR002498,IPR027483,IPR027484
Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
SM_V9_2 Liftoff exon    38430274        38431478        .       -
        .       Parent=Smp_328600.2
SM_V9_2 Liftoff exon    38432311        38432418        .       -
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        .       Parent=Smp_328600.2
SM_V9_2 Liftoff exon    38438644        38438757        .       -
        .       Parent=Smp_328600.2
SM_V9_2 Liftoff exon    38446906        38447085        .       -
        .       Parent=Smp_328600.2
SM_V9_2 Liftoff exon    38447270        38447416        .       -
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SM_V9_2 Liftoff exon    38448272        38448424        .       -
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SM_V9_2 Liftoff exon    38450476        38450572        .       -
        .       Parent=Smp_328600.2
SM_V9_2 Liftoff exon    38450624        38452075        .       -
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SM_V9_2 Liftoff CDS     38431300        38431478        .       -
        2       Parent=Smp_328600.2
SM_V9_2 Liftoff CDS     38432311        38432418        .       -
        2       Parent=Smp_328600.2
SM_V9_2 Liftoff CDS     38433700        38434156        .       -
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SM_V9_2 Liftoff CDS     38438644        38438757        .       -
        0       Parent=Smp_328600.2
SM_V9_2 Liftoff CDS     38446906        38447085        .       -
        0       Parent=Smp_328600.2
SM_V9_2 Liftoff CDS     38447270        38447416        .       -
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SM_V9_2 Liftoff CDS     38448272        38448424        .       -
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SM_V9_2 Liftoff CDS     38450476        38450572        .       -
        1       Parent=Smp_328600.2
SM_V9_2 Liftoff CDS     38450624        38450742        .       -
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SM_V9_2 Liftoff mRNA    38430274        38452075        .       -
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Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
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SM_V9_2 Liftoff exon    38432311        38432418        .       -
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SM_V9_2 Liftoff exon    38438644        38438757        .       -
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SM_V9_2 Liftoff exon    38446906        38447085        .       -
        .       Parent=Smp_328600.3
SM_V9_2 Liftoff exon    38447270        38447416        .       -
        .       Parent=Smp_328600.3
SM_V9_2 Liftoff exon    38448272        38448424        .       -
        .       Parent=Smp_328600.3
SM_V9_2 Liftoff exon    38450476        38450572        .       -
        .       Parent=Smp_328600.3
SM_V9_2 Liftoff exon    38450624        38452075        .       -
        .       Parent=Smp_328600.3
SM_V9_2 Liftoff CDS     38431300        38431478        .       -
        2       Parent=Smp_328600.3
SM_V9_2 Liftoff CDS     38432311        38432418        .       -
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        0       Parent=Smp_328600.3
SM_V9_2 Liftoff CDS     38438644        38438757        .       -
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SM_V9_2 Liftoff CDS     38444462        38444500        .       -
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SM_V9_2 Liftoff CDS     38446906        38447085        .       -
        0       Parent=Smp_328600.3
SM_V9_2 Liftoff CDS     38447270        38447416        .       -
        0       Parent=Smp_328600.3
SM_V9_2 Liftoff CDS     38448272        38448424        .       -
        0       Parent=Smp_328600.3
SM_V9_2 Liftoff CDS     38450476        38450572        .       -
        1       Parent=Smp_328600.3
SM_V9_2 Liftoff CDS     38450624        38450742        .       -
        0       Parent=Smp_328600.3
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Pfam:PF01504;Ontology_term=GO:0016307,GO:0046488
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SM_V9_2 Liftoff exon    38432311        38432418        .       -
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SM_V9_2 Liftoff exon    38438644        38438757        .       -
        .       Parent=Smp_328600.4
SM_V9_2 Liftoff exon    38444462        38444500        .       -
        .       Parent=Smp_328600.4
SM_V9_2 Liftoff exon    38447270        38447416        .       -
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SM_V9_2 Liftoff exon    38448272        38448424        .       -
        .       Parent=Smp_328600.4
SM_V9_2 Liftoff exon    38450476        38450572        .       -
        .       Parent=Smp_328600.4
SM_V9_2 Liftoff exon    38450624        38452075        .       -
        .       Parent=Smp_328600.4
SM_V9_2 Liftoff CDS     38431300        38431478        .       -
        2       Parent=Smp_328600.4
SM_V9_2 Liftoff CDS     38432311        38432418        .       -
        2       Parent=Smp_328600.4
SM_V9_2 Liftoff CDS     38433700        38434156        .       -
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SM_V9_2 Liftoff CDS     38438644        38438757        .       -
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SM_V9_2 Liftoff CDS     38444462        38444500        .       -
        0       Parent=Smp_328600.4
SM_V9_2 Liftoff CDS     38447270        38447416        .       -
        0       Parent=Smp_328600.4
SM_V9_2 Liftoff CDS     38448272        38448424        .       -
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SM_V9_2 Liftoff CDS     38450624        38450742        .       -
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        .       ID=Smp_037460;geneID=Smp_037460
SM_V9_2 Liftoff mRNA    38475389        38488563        .       +
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Pfam:PF09368
SM_V9_2 Liftoff exon    38475389        38475674        .       +
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        .       Parent=Smp_037460.1
SM_V9_2 Liftoff exon    38478588        38478973        .       +
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SM_V9_2 Liftoff exon    38479976        38480211        .       +
        .       Parent=Smp_037460.1
SM_V9_2 Liftoff exon    38481985        38482084        .       +
        .       Parent=Smp_037460.1
SM_V9_2 Liftoff exon    38483743        38483903        .       +
        .       Parent=Smp_037460.1
SM_V9_2 Liftoff exon    38484531        38484591        .       +
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SM_V9_2 Liftoff exon    38485640        38485683        .       +
        .       Parent=Smp_037460.1
SM_V9_2 Liftoff exon    38487334        38487496        .       +
        .       Parent=Smp_037460.1
SM_V9_2 Liftoff exon    38488257        38488563        .       +
        .       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38475672        38475674        .       +
        0       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38475712        38475784        .       +
        0       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38478588        38478973        .       +
        2       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38479976        38480211        .       +
        0       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38481985        38482084        .       +
        1       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38483743        38483903        .       +
        0       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38484531        38484591        .       +
        1       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38485640        38485683        .       +
        0       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38487334        38487496        .       +
        1       Parent=Smp_037460.1
SM_V9_2 Liftoff CDS     38488257        38488460        .       +
        0       Parent=Smp_037460.1
SM_V9_2 iris    gene    38495089        38522216        .       +
        .
ID=Smp_213210;geneID=Smp_213210;gene_name=Smp_213210;owner=irisadmin
```

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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38495089        38522216        .       +
        .
ID=Smp_213210.1;Parent=Smp_213210;geneID=Smp_213210;gene_name=Smp_21
3210;owner=irisadmin@local.host;orig_id=Smp_213210.1;date_last_modif
ied=2022-08-01;Name=Smp_213210.1;product=BRCA2-interacting
transcriptional repressor EMSY;date_creation=2022-07-30
SM_V9_2 iris    exon    38495089        38495132        .       +
        .       Parent=Smp_213210.1;Name=df668bba-b8ed-4cd8-
b8a3-9ee3922cbbf3
SM_V9_2 iris    exon    38501304        38501597        .       +
        .       Parent=Smp_213210.1;Name=db1d8b8b-9cc5-44ab-
a79b-81c42052af63
SM_V9_2 iris    exon    38503011        38503254        .       +
        .       Parent=Smp_213210.1;Name=fe558531-1149-4ea2-
a56e-2fbbceee7b10
SM_V9_2 iris    exon    38504270        38505121        .       +
        .       Parent=Smp_213210.1;Name=cec84094-6569-43ed-
a1f0-699e1d3e375c
SM_V9_2 iris    exon    38508381        38508672        .       +
        .       Parent=Smp_213210.1;Name=eab8521d-4410-477e-8849-
f2fcabd4c626
SM_V9_2 iris    exon    38509309        38509650        .       +
        .
Parent=Smp_213210.1;Name=285b5b8b-953e-4773-9012-5cd7addb56dc
SM_V9_2 iris    exon    38510580        38510824        .       +
        .       Parent=Smp_213210.1;Name=e1c6a04e-80c5-4017-98ef-
a3419b64fd8c
SM_V9_2 iris    exon    38515284        38515718        .       +
        .       Parent=Smp_213210.1;Name=9d6d2e0a-15f4-4937-
a931-209ccf4f4068
SM_V9_2 iris    exon    38519942        38522216        .       +
        .       Parent=Smp_213210.1;Name=c8787e44-98da-4692-
b59e-8c9fbddd1762
SM_V9_2 iris    CDS     38501323        38501597        .       +
        0       Parent=Smp_213210.1
SM_V9_2 iris    CDS     38503011        38503254        .       +
        1       Parent=Smp_213210.1
SM_V9_2 iris    CDS     38504270        38505121        .       +
        0       Parent=Smp_213210.1
SM_V9_2 iris    CDS     38508381        38508672        .       +
        0       Parent=Smp_213210.1
SM_V9_2 iris    CDS     38509309        38509650        .       +
        2       Parent=Smp_213210.1
SM_V9_2 iris    CDS     38510580        38510824        .       +
        2       Parent=Smp_213210.1
SM_V9_2 iris    CDS     38515284        38515718        .       +
        0       Parent=Smp_213210.1
SM_V9_2 iris    CDS     38519942        38520277        .       +
        0       Parent=Smp_213210.1
SM_V9_2 Liftoff gene    38526301        38530234        .       +
        .
ID=Smp_213220;geneID=Smp_213220;previous_systematic_id=Smp_142380
SM_V9_2 Liftoff mRNA    38526301        38530234        .       +
```

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        .
ID=Smp_213220.1;Parent=Smp_213220;geneID=Smp_213220;product=50S
ribosomal protein L29
SM_V9_2 Liftoff exon    38526301        38527481        .       +
        .       Parent=Smp_213220.1
SM_V9_2 Liftoff exon    38528472        38528891        .       +
        .       Parent=Smp_213220.1
SM_V9_2 Liftoff exon    38529727        38530234        .       +
        .       Parent=Smp_213220.1
SM_V9_2 Liftoff CDS     38526867        38527481        .       +
        0       Parent=Smp_213220.1
SM_V9_2 Liftoff CDS     38528472        38528891        .       +
        0       Parent=Smp_213220.1
SM_V9_2 Liftoff CDS     38529727        38530113        .       +
        0       Parent=Smp_213220.1
SM_V9_2 Liftoff mRNA    38526301        38530234        .       +
        .
ID=Smp_213220.2;Parent=Smp_213220;geneID=Smp_213220;product=50S
ribosomal protein L29
SM_V9_2 Liftoff exon    38526301        38527481        .       +
        .       Parent=Smp_213220.2
SM_V9_2 Liftoff exon    38528472        38528891        .       +
        .       Parent=Smp_213220.2
SM_V9_2 Liftoff exon    38529727        38530234        .       +
        .       Parent=Smp_213220.2
SM_V9_2 Liftoff CDS     38526867        38527481        .       +
        0       Parent=Smp_213220.2
SM_V9_2 Liftoff CDS     38528472        38528891        .       +
        0       Parent=Smp_213220.2
SM_V9_2 Liftoff CDS     38529727        38530113        .       +
        0       Parent=Smp_213220.2
SM_V9_2 Liftoff gene    38534529        38541064        .       +
        .
ID=Smp_213230;geneID=Smp_213230;previous_systematic_id=Smp_142380
SM_V9_2 Liftoff mRNA    38534529        38541064        .       +
        .
ID=Smp_213230.1;Parent=Smp_213230;geneID=Smp_213230;product=Major
capsid protein L1
SM_V9_2 Liftoff exon    38534529        38535097        .       +
        .       Parent=Smp_213230.1
SM_V9_2 Liftoff exon    38536519        38536836        .       +
        .       Parent=Smp_213230.1
SM_V9_2 Liftoff exon    38538892        38539146        .       +
        .       Parent=Smp_213230.1
SM_V9_2 Liftoff exon    38540567        38541064        .       +
        .       Parent=Smp_213230.1
SM_V9_2 Liftoff CDS     38534605        38535097        .       +
        0       Parent=Smp_213230.1
SM_V9_2 Liftoff CDS     38536519        38536836        .       +
        2       Parent=Smp_213230.1
SM_V9_2 Liftoff CDS     38538892        38539146        .       +
        2       Parent=Smp_213230.1
SM_V9_2 Liftoff CDS     38540567        38540859        .       +
        2       Parent=Smp_213230.1
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SM_V9_2 Liftoff gene    38594726        38665617        .       +
       .
ID=Smp_245990;geneID=Smp_245990;previous_systematic_id=Smp_037510,Sm
p_142390
SM_V9_2 Liftoff mRNA    38594726        38644325        .       +
       .
ID=Smp_245990.2;Parent=Smp_245990;geneID=Smp_245990;product=Innexin
unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_2 Liftoff exon    38594726        38595527        .       +
       .       Parent=Smp_245990.2
SM_V9_2 Liftoff exon    38641886        38644325        .       +
       .       Parent=Smp_245990.2
SM_V9_2 Liftoff CDS     38595377        38595527        .       +
       0       Parent=Smp_245990.2
SM_V9_2 Liftoff CDS     38641886        38642529        .       +
       2       Parent=Smp_245990.2
SM_V9_2 Liftoff mRNA    38594726        38665617        .       +
       .
ID=Smp_245990.1;Parent=Smp_245990;geneID=Smp_245990;product=Innexin
unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_2 Liftoff exon    38594726        38595527        .       +
       .       Parent=Smp_245990.1
SM_V9_2 Liftoff exon    38641886        38642525        .       +
       .       Parent=Smp_245990.1
SM_V9_2 Liftoff exon    38664417        38665617        .       +
       .       Parent=Smp_245990.1
SM_V9_2 Liftoff CDS     38595377        38595527        .       +
       0       Parent=Smp_245990.1
SM_V9_2 Liftoff CDS     38641886        38642525        .       +
       2       Parent=Smp_245990.1
SM_V9_2 Liftoff CDS     38664417        38664813        .       +
       1       Parent=Smp_245990.1
SM_V9_2 Liftoff gene    38732129        38742212        .       -
       .       ID=Smp_142400;geneID=Smp_142400
SM_V9_2 Liftoff mRNA    38732129        38742212        .       -
       .
ID=Smp_142400.1;Parent=Smp_142400;geneID=Smp_142400;product=Max-like
protein X;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_2 Liftoff exon    38732129        38733693        .       -
       .       Parent=Smp_142400.1
SM_V9_2 Liftoff exon    38741440        38741641        .       -
       .       Parent=Smp_142400.1
SM_V9_2 Liftoff exon    38741676        38741775        .       -
       .       Parent=Smp_142400.1
SM_V9_2 Liftoff exon    38741812        38741908        .       -
       .       Parent=Smp_142400.1
SM_V9_2 Liftoff exon    38741946        38742212        .       -
       .       Parent=Smp_142400.1
SM_V9_2 Liftoff CDS     38732935        38733693        .       -
       0       Parent=Smp_142400.1
SM_V9_2 Liftoff CDS     38741440        38741641        .       -
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        1       Parent=Smp_142400.1
SM_V9_2 Liftoff CDS     38741676        38741775        .       -
        2       Parent=Smp_142400.1
SM_V9_2 Liftoff CDS     38741812        38741908        .       -
        0       Parent=Smp_142400.1
SM_V9_2 Liftoff CDS     38741946        38742113        .       -
        0       Parent=Smp_142400.1
SM_V9_2 iris    gene    38765055        38776682        .       -
        .
ID=Smp_037530;geneID=Smp_037530;gene_name=Smp_037530;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38765055        38776682        .       -
        .
ID=Smp_037530.1;Parent=Smp_037530;geneID=Smp_037530;gene_name=Smp_03
7530;owner=irisadmin@local.host;orig_id=Smp_037530.1;date_last_modif
ied=2022-07-31;Name=Smp_037530.1;product=ThioRedoXin (see also xtr)
family member;date_creation=2022-07-30
SM_V9_2 iris    exon    38765055        38765493        .       -
        .       Parent=Smp_037530.1;Name=980c5a7e-4628-4b3d-
ae37-092220eb6344
SM_V9_2 iris    exon    38766189        38766309        .       -
        .       Parent=Smp_037530.1;Name=0518b105-7126-4af5-8759-
a82cbb6427c6
SM_V9_2 iris    exon    38771515        38771651        .       -
        .       Parent=Smp_037530.1;Name=ef2c76d2-a0c5-4144-8670-
a683a216788d
SM_V9_2 iris    exon    38771711        38771747        .       -
        .       Parent=Smp_037530.1;Name=41fb86e5-edd5-4d42-888b-
ec746f315e09
SM_V9_2 iris    exon    38771795        38772189        .       -
        .
Parent=Smp_037530.1;Name=a7fd2d0d-2fb3-4e00-8fb6-80318f0010d1
SM_V9_2 iris    exon    38776636        38776682        .       -
        .       Parent=Smp_037530.1;Name=7ed713a5-25d5-41f2-9d2d-
ce6534a0ed57
SM_V9_2 iris    CDS     38765371        38765493        .       -
        0       Parent=Smp_037530.1
SM_V9_2 iris    CDS     38766189        38766309        .       -
        1       Parent=Smp_037530.1
SM_V9_2 iris    CDS     38771515        38771651        .       -
        0       Parent=Smp_037530.1
SM_V9_2 iris    CDS     38771711        38771747        .       -
        1       Parent=Smp_037530.1
SM_V9_2 iris    CDS     38771795        38771817        .       -
        0       Parent=Smp_037530.1
SM_V9_2 iris    gene    38787136        38793950        .       +
        .
ID=Smp_037540;geneID=Smp_037540;gene_name=Smp_037540;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    38787136        38793950        .       +
        .
ID=Smp_037540.1;Parent=Smp_037540;geneID=Smp_037540;gene_name=Smp_03
7540;owner=irisadmin@local.host;orig_id=Smp_037540.1;date_last_modif
ied=2022-07-31;Name=Smp_037540.1;product=Neutral and basic amino
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acid transport protein rBAT;date_creation=2022-07-31
SM_V9_2 iris    exon    38787136        38787543        .       +
        .       Parent=Smp_037540.1;Name=349e68fa-693c-4be9-
b194-0ce5337dad14
SM_V9_2 iris    exon    38787581        38787873        .       +
        .       Parent=Smp_037540.1;Name=dbb8e588-7cc7-4c72-
bf04-5d2d7588a971
SM_V9_2 iris    exon    38787912        38788031        .       +
        .       Parent=Smp_037540.1;Name=a6cee074-4291-431d-9386-
b4eec1eb97b9
SM_V9_2 iris    exon    38788074        38788181        .       +
        .       Parent=Smp_037540.1;Name=dcd96828-8359-4da8-
b4fc-8d51f964b052
SM_V9_2 iris    exon    38788214        38788335        .       +
        .
Parent=Smp_037540.1;Name=5eeb47a8-2650-4414-9355-36a95fe2b223
SM_V9_2 iris    exon    38788370        38788507        .       +
        .       Parent=Smp_037540.1;Name=184122a1-6e14-46d3-
a68f-1955bc5391d6
SM_V9_2 iris    exon    38788540        38788700        .       +
        .       Parent=Smp_037540.1;Name=27337f4c-614b-4562-94d5-
c15ed1402fc7
SM_V9_2 iris    exon    38790148        38790389        .       +
        .       Parent=Smp_037540.1;Name=55cb4489-bc6a-4f1a-
a2e1-3daac4649864
SM_V9_2 iris    exon    38791408        38791527        .       +
        .       Parent=Smp_037540.1;Name=f71e1519-f4e1-41ad-
b1a9-69d6714530e1
SM_V9_2 iris    exon    38793485        38793950        .       +
        .       Parent=Smp_037540.1;Name=fac80d24-576f-4000-a118-
e026b12d765e
SM_V9_2 iris    CDS     38787174        38787543        .       +
        0       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38787581        38787873        .       +
        2       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38787912        38788031        .       +
        0       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38788074        38788181        .       +
        0       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38788214        38788335        .       +
        0       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38788370        38788507        .       +
        1       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38788540        38788700        .       +
        1       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38790148        38790389        .       +
        2       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38791408        38791527        .       +
        0       Parent=Smp_037540.1
SM_V9_2 iris    CDS     38793485        38793733        .       +
        0       Parent=Smp_037540.1
SM_V9_2 iris    gene    38826156        38851804        .       +
        .
ID=Smp_142410;geneID=Smp_142410;gene_name=Smp_142410;owner=irisadmin
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38826156        38851804        .       +
        .
ID=Smp_142410.1;Parent=Smp_142410;geneID=Smp_142410;gene_name=Smp_14
2410;owner=irisadmin@local.host;orig_id=Smp_142410.1;date_last_modif
ied=2022-07-31;Name=Smp_142410.1;product=Female germline-specific
tumor suppressor gld-1;date_creation=2022-07-30
SM_V9_2 iris    exon    38826156        38826331        .       +
        .
Parent=Smp_142410.1;Name=01ba0bb0-732c-4c24-9803-984288532052
SM_V9_2 iris    exon    38826366        38826575        .       +
        .       Parent=Smp_142410.1;Name=04e47901-b6d9-49ff-
a4f8-518c3a638492
SM_V9_2 iris    exon    38826612        38826710        .       +
        .       Parent=Smp_142410.1;Name=3bd298cd-deb9-46ef-a198-
d8ff0cfb4ddd
SM_V9_2 iris    exon    38826746        38826805        .       +
        .       Parent=Smp_142410.1;Name=a5864217-0a30-45a7-
a222-251c7087c71d
SM_V9_2 iris    exon    38828622        38828711        .       +
        .       Parent=Smp_142410.1;Name=baa76cf2-a56b-4f61-
b630-727a5c25c46b
SM_V9_2 iris    exon    38829017        38829201        .       +
        .       Parent=Smp_142410.1;Name=05897ca0-c9af-4a29-9b6b-
dd3eb5c8de6c
SM_V9_2 iris    exon    38830821        38830941        .       +
        .       Parent=Smp_142410.1;Name=c4b1c822-85f5-4eb2-81e7-
df6b831c8430
SM_V9_2 iris    exon    38833683        38833822        .       +
        .       Parent=Smp_142410.1;Name=c0779249-a8a2-49e1-
ba39-85c978a3e634
SM_V9_2 iris    exon    38835013        38835273        .       +
        .       Parent=Smp_142410.1;Name=2d2f9bd5-eb08-46d9-
a8ef-8aeef71366b4
SM_V9_2 iris    exon    38836598        38836700        .       +
        .       Parent=Smp_142410.1;Name=f0e71600-6109-43cb-9fed-
aae0bfc34d0a
SM_V9_2 iris    exon    38844878        38844938        .       +
        .       Parent=Smp_142410.1;Name=b404f236-7872-464d-
ba44-158a1408ba43
SM_V9_2 iris    exon    38845988        38846078        .       +
        .       Parent=Smp_142410.1;Name=09a8a84a-1a97-410f-8c68-
f450d59de891
SM_V9_2 iris    exon    38847443        38847607        .       +
        .       Parent=Smp_142410.1;Name=d07f623f-70ba-408f-b579-
b3bf92b710d6
SM_V9_2 iris    exon    38848934        38849126        .       +
        .       Parent=Smp_142410.1;Name=d4d304ec-6097-4736-
abc3-071f40112b37
SM_V9_2 iris    exon    38851483        38851804        .       +
        .       Parent=Smp_142410.1;Name=c458d0f4-
c065-4c5b-82fe-8501dccfa3ad
SM_V9_2 iris    CDS     38826185        38826331        .       +
        0       Parent=Smp_142410.1
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SM_V9_2 iris    CDS     38826366        38826575        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38826612        38826710        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38826746        38826805        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38828622        38828711        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38829017        38829201        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38830821        38830941        .       +
        1       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38833683        38833822        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38835013        38835273        .       +
        1       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38836598        38836700        .       +
        1       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38844878        38844938        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38845988        38846078        .       +
        2       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38847443        38847607        .       +
        1       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38848934        38849126        .       +
        1       Parent=Smp_142410.1
SM_V9_2 iris    CDS     38851483        38851554        .       +
        0       Parent=Smp_142410.1
SM_V9_2 iris    gene    38861164        38885292        .       -
        .
ID=Smp_142420;geneID=Smp_142420;gene_name=Smp_142420;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38861164        38885292        .       -
        .
ID=Smp_142420.1;Parent=Smp_142420;geneID=Smp_142420;gene_name=Smp_14
2420;owner=irisadmin@local.host;orig_id=Smp_142420.1;date_last_modif
ied=2022-07-31;Name=Smp_142420.1;product=tetraspanin family
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    38861164        38861665        .       -
        .       Parent=Smp_142420.1;Name=0a4ceaba-0bd7-4999-bc63-
dea80ef3ccd6
SM_V9_2 iris    exon    38864466        38864549        .       -
        .       Parent=Smp_142420.1;Name=92901f2d-
ec0c-4ed7-828b-6120e476687a
SM_V9_2 iris    exon    38864614        38864700        .       -
        .       Parent=Smp_142420.1;Name=6870b6d3-581d-4b42-ad39-
ece14b9955c1
SM_V9_2 iris    exon    38868216        38868323        .       -
        .       Parent=Smp_142420.1;Name=a0d4c818-01f9-4d49-9c9c-
c422d4777445
SM_V9_2 iris    exon    38870627        38870701        .       -
        .       Parent=Smp_142420.1;Name=f4977421-031a-4731-8ac3-
aa0d9784b1f8
SM_V9_2 iris    exon    38872849        38872946        .       -
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        .       Parent=Smp_142420.1;Name=ce1dced9-e53b-45c8-
bcd7-40a6c410994a
SM_V9_2 iris    exon    38873903        38873999        .       -
        .       Parent=Smp_142420.1;Name=5621b34a-f17e-4d07-
b468-082525dfe553
SM_V9_2 iris    exon    38874413        38874500        .       -
        .       Parent=Smp_142420.1;Name=8e48f8c0-6437-448e-b217-
a06864752c55
SM_V9_2 iris    exon    38885266        38885292        .       -
        .       Parent=Smp_142420.1;Name=31b4fe39-b9c7-4793-
a5ab-92da6f334697
SM_V9_2 iris    CDS     38861531        38861665        .       -
        0       Parent=Smp_142420.1
SM_V9_2 iris    CDS     38864466        38864549        .       -
        0       Parent=Smp_142420.1
SM_V9_2 iris    CDS     38864614        38864700        .       -
        0       Parent=Smp_142420.1
SM_V9_2 iris    CDS     38868216        38868323        .       -
        0       Parent=Smp_142420.1
SM_V9_2 iris    CDS     38870627        38870701        .       -
        0       Parent=Smp_142420.1
SM_V9_2 iris    CDS     38872849        38872946        .       -
        2       Parent=Smp_142420.1
SM_V9_2 iris    CDS     38873903        38873999        .       -
        0       Parent=Smp_142420.1
SM_V9_2 iris    CDS     38874413        38874469        .       -
        0       Parent=Smp_142420.1
SM_V9_2 Liftoff gene    38916146        38949709        .       +
        .
ID=Smp_311860;geneID=Smp_311860;previous_systematic_id=Smp_142430,Sm
p_142440
SM_V9_2 Liftoff mRNA    38916146        38945600        .       +
        .
ID=Smp_311860.2;Parent=Smp_311860;geneID=Smp_311860;product=Protein
gooseberry-
neuro;polypeptide_domain=InterPro:IPR001356,IPR001523,IPR009057,IPR0
11991 Pfam:PF00046,PF00292;Ontology_term=GO:0003677,GO:0006355
SM_V9_2 Liftoff exon    38916146        38916851        .       +
        .       Parent=Smp_311860.2
SM_V9_2 Liftoff exon    38919678        38919857        .       +
        .       Parent=Smp_311860.2
SM_V9_2 Liftoff exon    38926733        38927473        .       +
        .       Parent=Smp_311860.2
SM_V9_2 Liftoff exon    38939367        38939830        .       +
        .       Parent=Smp_311860.2
SM_V9_2 Liftoff exon    38943627        38943728        .       +
        .       Parent=Smp_311860.2
SM_V9_2 Liftoff exon    38944909        38945600        .       +
        .       Parent=Smp_311860.2
SM_V9_2 Liftoff CDS     38916173        38916851        .       +
        0       Parent=Smp_311860.2
SM_V9_2 Liftoff CDS     38919678        38919857        .       +
        2       Parent=Smp_311860.2
SM_V9_2 Liftoff CDS     38926733        38927473        .       +
```

```
        2       Parent=Smp_311860.2
SM_V9_2 Liftoff CDS     38939367        38939830        .       +
        2       Parent=Smp_311860.2
SM_V9_2 Liftoff CDS     38943627        38943728        .       +
        0       Parent=Smp_311860.2
SM_V9_2 Liftoff CDS     38944909        38944935        .       +
        0       Parent=Smp_311860.2
SM_V9_2 Liftoff mRNA    38916146        38949709        .       +
        .
ID=Smp_311860.1;Parent=Smp_311860;geneID=Smp_311860;product=Protein
gooseberry-
neuro;polypeptide_domain=InterPro:IPR001356,IPR001523,IPR009057,IPR0
11991,IPR017970
Pfam:PF00046,PF00292;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_2 Liftoff exon    38916146        38916851        .       +
        .       Parent=Smp_311860.1
SM_V9_2 Liftoff exon    38919678        38919857        .       +
        .       Parent=Smp_311860.1
SM_V9_2 Liftoff exon    38926733        38927473        .       +
        .       Parent=Smp_311860.1
SM_V9_2 Liftoff exon    38939367        38939830        .       +
        .       Parent=Smp_311860.1
SM_V9_2 Liftoff exon    38943627        38943728        .       +
        .       Parent=Smp_311860.1
SM_V9_2 Liftoff exon    38947143        38947709        .       +
        .       Parent=Smp_311860.1
SM_V9_2 Liftoff exon    38948607        38949709        .       +
        .       Parent=Smp_311860.1
SM_V9_2 Liftoff CDS     38916173        38916851        .       +
        0       Parent=Smp_311860.1
SM_V9_2 Liftoff CDS     38919678        38919857        .       +
        2       Parent=Smp_311860.1
SM_V9_2 Liftoff CDS     38926733        38927473        .       +
        2       Parent=Smp_311860.1
SM_V9_2 Liftoff CDS     38939367        38939830        .       +
        2       Parent=Smp_311860.1
SM_V9_2 Liftoff CDS     38943627        38943728        .       +
        0       Parent=Smp_311860.1
SM_V9_2 Liftoff CDS     38947143        38947709        .       +
        0       Parent=Smp_311860.1
SM_V9_2 Liftoff CDS     38948607        38948852        .       +
        0       Parent=Smp_311860.1
SM_V9_2 iris    gene    38964866        38976382        .       -
        .
ID=Smp_142450;geneID=Smp_142450;gene_name=Smp_142450;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38964866        38976382        .       -
        .
ID=Smp_142450.1;Parent=Smp_142450;geneID=Smp_142450;gene_name=Smp_14
2450;owner=irisadmin@local.host;orig_id=Smp_142450.1;date_last_modif
ied=2022-07-31;Name=Smp_142450.1;product=Ras-related protein
Rap-1b;date_creation=2022-07-30
SM_V9_2 iris    exon    38964866        38966833        .       -
        .       Parent=Smp_142450.1;Name=1e00fc94-3295-42f1-af8d-
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cfcd621bba95
SM_V9_2 iris    exon    38970250        38970531        .       -
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Parent=Smp_142450.1;Name=47c2c3a5-6a08-4456-8932-785ab248b974
SM_V9_2 iris    exon    38974602        38974908        .       -
        .       Parent=Smp_142450.1;Name=8339b318-bffa-4965-89a0-
bfe4871e5729
SM_V9_2 iris    exon    38976291        38976382        .       -
        .       Parent=Smp_142450.1;Name=e9947aa5-6800-4306-9b0b-
b6a0d8cddff9
SM_V9_2 iris    CDS     38966747        38966833        .       -
        0       Parent=Smp_142450.1
SM_V9_2 iris    CDS     38970250        38970531        .       -
        0       Parent=Smp_142450.1
SM_V9_2 iris    CDS     38974602        38974784        .       -
        0       Parent=Smp_142450.1
SM_V9_2 iris    gene    38984901        39002761        .       +
        .
ID=Smp_037590;geneID=Smp_037590;gene_name=Smp_037590;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    38984901        39002761        .       +
        .
ID=Smp_037590.1;Parent=Smp_037590;geneID=Smp_037590;gene_name=Smp_03
7590;owner=irisadmin@local.host;orig_id=Smp_037590.1;date_last_modif
ied=2022-07-31;Name=Smp_037590.1;product=Zygotic DNA replication
licensing factor mcm3;date_creation=2022-07-30
SM_V9_2 iris    exon    38984901        38985023        .       +
        .       Parent=Smp_037590.1;Name=0680f34a-d9c5-4b17-
b283-4152e5dac7de
SM_V9_2 iris    exon    38987145        38987253        .       +
        .       Parent=Smp_037590.1;Name=47cd39b6-fe82-4c4a-9318-
e5203379a764
SM_V9_2 iris    exon    38987290        38987393        .       +
        .       Parent=Smp_037590.1;Name=6d24d268-7dd9-4457-
a322-2e19316883fe
SM_V9_2 iris    exon    38987427        38987549        .       +
        .
Parent=Smp_037590.1;Name=5c8afa5f-8a24-4497-822f-4381431a58cc
SM_V9_2 iris    exon    38987585        38987670        .       +
        .       Parent=Smp_037590.1;Name=e280b4d3-096f-4547-a21d-
fd3f59a5d673
SM_V9_2 iris    exon    38987705        38987910        .       +
        .       Parent=Smp_037590.1;Name=8c706bca-5107-4eda-b7a4-
b1f7406bd37d
SM_V9_2 iris    exon    38987949        38988032        .       +
        .       Parent=Smp_037590.1;Name=3258270b-d6f9-4c61-
a1a2-0c986de37532
SM_V9_2 iris    exon    38988072        38988254        .       +
        .       Parent=Smp_037590.1;Name=e768606a-a48c-45a6-
b748-7338b759ebb1
SM_V9_2 iris    exon    38989292        38989577        .       +
        .       Parent=Smp_037590.1;Name=cfde074e-23e6-4511-a03f-
c0374f84e976
SM_V9_2 iris    exon    38992250        38992500        .       +
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        .       Parent=Smp_037590.1;Name=b1da5636-2366-47ef-
bece-849f7688cfb0
SM_V9_2 iris    exon    38993255        38993559        .       +
        .       Parent=Smp_037590.1;Name=edc44c3e-7e63-4655-a222-
d07b14e1b2f9
SM_V9_2 iris    exon    38997080        38997395        .       +
        .       Parent=Smp_037590.1;Name=d51c3c9f-
de17-404a-9b10-4088c07eeae6
SM_V9_2 iris    exon    39000123        39000256        .       +
        .       Parent=Smp_037590.1;Name=11ce4385-aee3-4e84-
ab5f-30986842e193
SM_V9_2 iris    exon    39001293        39001497        .       +
        .       Parent=Smp_037590.1;Name=fa5e3bfd-b0c8-4a65-
a132-724538e9e026
SM_V9_2 iris    exon    39002418        39002761        .       +
        .       Parent=Smp_037590.1;Name=26823c05-b852-4a2c-aef4-
b35e91bc27f5
SM_V9_2 iris    CDS     38987197        38987253        .       +
        0       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38987290        38987393        .       +
        0       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38987427        38987549        .       +
        1       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38987585        38987670        .       +
        1       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38987705        38987910        .       +
        2       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38987949        38988032        .       +
        0       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38988072        38988254        .       +
        0       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38989292        38989577        .       +
        0       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38992250        38992500        .       +
        2       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38993255        38993559        .       +
        0       Parent=Smp_037590.1
SM_V9_2 iris    CDS     38997080        38997395        .       +
        1       Parent=Smp_037590.1
SM_V9_2 iris    CDS     39000123        39000256        .       +
        0       Parent=Smp_037590.1
SM_V9_2 iris    CDS     39001293        39001497        .       +
        1       Parent=Smp_037590.1
SM_V9_2 iris    CDS     39002418        39002540        .       +
        0       Parent=Smp_037590.1
SM_V9_2 Liftoff gene    39014725        39092567        .       -
        .
ID=Smp_245980;geneID=Smp_245980;previous_systematic_id=Smp_037610,Sm
p_142460,Smp_142470
SM_V9_2 Liftoff mRNA    39014725        39092567        .       -
        .
ID=Smp_245980.1;Parent=Smp_245980;geneID=Smp_245980;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR012934,IPR013087,IPR021893
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Pfam:PF12012;Ontology_term=GO:0003676,GO:0005634,GO:0008270
SM_V9_2 Liftoff exon    39014725        39017335        .       -
        .       Parent=Smp_245980.1
SM_V9_2 Liftoff exon    39021609        39021917        .       -
        .       Parent=Smp_245980.1
SM_V9_2 Liftoff exon    39026524        39026616        .       -
        .       Parent=Smp_245980.1
SM_V9_2 Liftoff exon    39030200        39031179        .       -
        .       Parent=Smp_245980.1
SM_V9_2 Liftoff exon    39051817        39052758        .       -
        .       Parent=Smp_245980.1
SM_V9_2 Liftoff exon    39055035        39056070        .       -
        .       Parent=Smp_245980.1
SM_V9_2 Liftoff exon    39090538        39092567        .       -
        .       Parent=Smp_245980.1
SM_V9_2 Liftoff CDS     39015521        39017335        .       -
        0       Parent=Smp_245980.1
SM_V9_2 Liftoff CDS     39021609        39021917        .       -
        0       Parent=Smp_245980.1
SM_V9_2 Liftoff CDS     39026524        39026616        .       -
        0       Parent=Smp_245980.1
SM_V9_2 Liftoff CDS     39030200        39031179        .       -
        2       Parent=Smp_245980.1
SM_V9_2 Liftoff CDS     39051817        39052758        .       -
        2       Parent=Smp_245980.1
SM_V9_2 Liftoff CDS     39055035        39056070        .       -
        0       Parent=Smp_245980.1
SM_V9_2 Liftoff CDS     39090538        39090642        .       -
        0       Parent=Smp_245980.1
SM_V9_2 iris    gene    39118138        39120126        .       -
        .
ID=Smp_201690;geneID=Smp_201690;gene_name=Smp_201690;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    39118138        39120126        .       -
        .
ID=Smp_201690.1;Parent=Smp_201690;geneID=Smp_201690;gene_name=Smp_20
1690;owner=irisadmin@local.host;orig_id=Smp_201690.1;date_last_modif
ied=2022-08-24;Name=Smp_201690.1;product=Probable phospholipid-
transporting ATPase VA;date_creation=2022-08-24
SM_V9_2 iris    exon    39118138        39120126        .       -
        .       Parent=Smp_201690.1;Name=58738d89-b14a-4c80-84bf-
f468268db82f
SM_V9_2 iris    CDS     39118950        39119102        .       -
        0       Parent=Smp_201690.1
SM_V9_2 Liftoff gene    39129103        39185877        .       -
        .
ID=Smp_037640;geneID=Smp_037640;previous_systematic_id=Smp_142480
SM_V9_2 Liftoff mRNA    39129103        39185877        .       -
        .
ID=Smp_037640.1;Parent=Smp_037640;geneID=Smp_037640;product=tRNA 2'-
phosphotransferase 1;polypeptide_domain=InterPro:IPR002745
Pfam:PF01885;Ontology_term=GO:0006388,GO:0016772
SM_V9_2 Liftoff exon    39129103        39129593        .       -
        .       Parent=Smp_037640.1
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SM_V9_2 Liftoff exon    39144780        39145116        .       -
        .       Parent=Smp_037640.1
SM_V9_2 Liftoff exon    39165064        39165233        .       -
        .       Parent=Smp_037640.1
SM_V9_2 Liftoff exon    39167228        39167312        .       -
        .       Parent=Smp_037640.1
SM_V9_2 Liftoff exon    39167368        39167522        .       -
        .       Parent=Smp_037640.1
SM_V9_2 Liftoff exon    39173158        39173254        .       -
        .       Parent=Smp_037640.1
SM_V9_2 Liftoff exon    39185804        39185877        .       -
        .       Parent=Smp_037640.1
SM_V9_2 Liftoff CDS     39129568        39129593        .       -
        2       Parent=Smp_037640.1
SM_V9_2 Liftoff CDS     39144780        39145116        .       -
        0       Parent=Smp_037640.1
SM_V9_2 Liftoff CDS     39165064        39165233        .       -
        2       Parent=Smp_037640.1
SM_V9_2 Liftoff CDS     39167228        39167312        .       -
        0       Parent=Smp_037640.1
SM_V9_2 Liftoff CDS     39167368        39167522        .       -
        2       Parent=Smp_037640.1
SM_V9_2 Liftoff CDS     39173158        39173254        .       -
        0       Parent=Smp_037640.1
SM_V9_2 Liftoff CDS     39185804        39185839        .       -
        0       Parent=Smp_037640.1
SM_V9_2 Liftoff mRNA    39129103        39185877        .       -
        .
ID=Smp_037640.2;Parent=Smp_037640;geneID=Smp_037640;product=tRNA 2'-
phosphotransferase 1;polypeptide_domain=InterPro:IPR002745
Pfam:PF01885;Ontology_term=GO:0006388,GO:0016772
SM_V9_2 Liftoff exon    39129103        39129593        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff exon    39144780        39145116        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff exon    39165064        39165233        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff exon    39167228        39167312        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff exon    39167368        39167522        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff exon    39173158        39173254        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff exon    39183072        39183206        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff exon    39185804        39185877        .       -
        .       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39129568        39129593        .       -
        2       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39144780        39145116        .       -
        0       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39165064        39165233        .       -
        2       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39167228        39167312        .       -
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        0       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39167368        39167522        .       -
        2       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39173158        39173254        .       -
        0       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39183072        39183206        .       -
        0       Parent=Smp_037640.2
SM_V9_2 Liftoff CDS     39185804        39185839        .       -
        0       Parent=Smp_037640.2
SM_V9_2 iris    gene    39201579        39211049        .       +
        .
ID=Smp_142490;geneID=Smp_142490;gene_name=Smp_142490;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    39201579        39211049        .       +
        .
ID=Smp_142490.1;Parent=Smp_142490;geneID=Smp_142490;gene_name=Smp_14
2490;owner=irisadmin@local.host;orig_id=Smp_142490.1;date_last_modif
ied=2022-07-31;Name=Smp_142490.1;product=Transmembrane protein
45B;date_creation=2022-07-31
SM_V9_2 iris    exon    39201579        39202052        .       +
        .       Parent=Smp_142490.1;Name=7a95e8f9-c0bd-4998-
b32a-704ead204bb9
SM_V9_2 iris    exon    39205112        39205340        .       +
        .       Parent=Smp_142490.1;Name=e6a6d06b-9de7-42cf-
b9f5-02e9d6422d28
SM_V9_2 iris    exon    39210546        39211049        .       +
        .
Parent=Smp_142490.1;Name=dd86b2cd-8df5-4fb1-8f34-0d5df4bf998b
SM_V9_2 iris    CDS     39201637        39202052        .       +
        0       Parent=Smp_142490.1
SM_V9_2 iris    CDS     39205112        39205340        .       +
        1       Parent=Smp_142490.1
SM_V9_2 iris    CDS     39210546        39210914        .       +
        0       Parent=Smp_142490.1
SM_V9_2 Liftoff gene    39224121        39224857        .       -
        .       ID=Smp_328620;geneID=Smp_328620
SM_V9_2 Liftoff mRNA    39224121        39224857        .       -
        .
ID=Smp_328620.1;Parent=Smp_328620;geneID=Smp_328620;product=NADH-
quinone oxidoreductase subunit B
SM_V9_2 Liftoff exon    39224121        39224368        .       -
        .       Parent=Smp_328620.1
SM_V9_2 Liftoff exon    39224403        39224857        .       -
        .       Parent=Smp_328620.1
SM_V9_2 Liftoff CDS     39224164        39224368        .       -
        1       Parent=Smp_328620.1
SM_V9_2 Liftoff CDS     39224403        39224659        .       -
        0       Parent=Smp_328620.1
SM_V9_2 Liftoff mRNA    39224121        39224857        .       -
        .
ID=Smp_328620.2;Parent=Smp_328620;geneID=Smp_328620;product=NADH-
quinone oxidoreductase subunit B
SM_V9_2 Liftoff exon    39224121        39224857        .       -
        .       Parent=Smp_328620.2
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SM_V9_2 Liftoff CDS     39224164        39224394        .       -
        0       Parent=Smp_328620.2
SM_V9_2 Liftoff gene    39248911        39338608        .       +
        .
ID=Smp_311870;geneID=Smp_311870;previous_systematic_id=Smp_142500,Sm
p_198240,Smp_242250
SM_V9_2 Liftoff mRNA    39248911        39299677        .       +
        .
ID=Smp_311870.2;Parent=Smp_311870;geneID=Smp_311870;product=Anosmin-
1;polypeptide_domain=InterPro:IPR003961,IPR013783
Pfam:PF00041;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    39248911        39251762        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39263774        39263854        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39268184        39268234        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39281644        39281898        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39282877        39283089        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39283458        39283721        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39283846        39283932        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39284468        39284524        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39286703        39286844        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39287691        39287825        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39289044        39289153        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39293779        39294007        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39295291        39295583        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39297244        39297406        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff exon    39299392        39299677        .       +
        .       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39251547        39251762        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39263774        39263854        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39268184        39268234        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39281644        39281898        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39282877        39283089        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39283458        39283721        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39283846        39283932        .       +
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        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39284468        39284524        .       +
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SM_V9_2 Liftoff CDS     39286703        39286844        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39287691        39287825        .       +
        2       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39289044        39289153        .       +
        2       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39293779        39294007        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39295291        39295583        .       +
        2       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39297244        39297406        .       +
        0       Parent=Smp_311870.2
SM_V9_2 Liftoff CDS     39299392        39299495        .       +
        2       Parent=Smp_311870.2
SM_V9_2 Liftoff mRNA    39248911        39299677        .       +
        .
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Pfam:PF00041;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    39248911        39251762        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39263774        39263854        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39268184        39268234        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39281644        39281898        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39282877        39283089        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39283458        39283721        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39283846        39283932        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39284468        39284524        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39286703        39286844        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39287691        39287825        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39289044        39289153        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39293779        39293977        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39295291        39295583        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39297244        39297406        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff exon    39299392        39299677        .       +
        .       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39251547        39251762        .       +
        0       Parent=Smp_311870.5
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SM_V9_2 Liftoff CDS     39263774        39263854        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39268184        39268234        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39281644        39281898        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39282877        39283089        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39283458        39283721        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39283846        39283932        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39284468        39284524        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39286703        39286844        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39287691        39287825        .       +
        2       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39289044        39289153        .       +
        2       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39293779        39293977        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39295291        39295583        .       +
        2       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39297244        39297406        .       +
        0       Parent=Smp_311870.5
SM_V9_2 Liftoff CDS     39299392        39299495        .       +
        2       Parent=Smp_311870.5
SM_V9_2 Liftoff mRNA    39248911        39338608        .       +
        .
ID=Smp_311870.3;Parent=Smp_311870;geneID=Smp_311870;product=Anosmin-
1;polypeptide_domain=InterPro:IPR003961,IPR013783
Pfam:PF00041;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    39248911        39251762        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39263774        39263854        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39268184        39268234        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39281644        39281898        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39282877        39283089        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39283458        39283721        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39283846        39283932        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39284468        39284524        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39286703        39286844        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39287691        39287825        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39289044        39289153        .       +
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        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39293779        39294007        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39295291        39295583        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39297244        39297406        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff exon    39338253        39338608        .       +
        .       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39251547        39251762        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39263774        39263854        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39268184        39268234        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39281644        39281898        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39282877        39283089        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39283458        39283721        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39283846        39283932        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39284468        39284524        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39286703        39286844        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39287691        39287825        .       +
        2       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39289044        39289153        .       +
        2       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39293779        39294007        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39295291        39295583        .       +
        2       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39297244        39297406        .       +
        0       Parent=Smp_311870.3
SM_V9_2 Liftoff CDS     39338253        39338356        .       +
        2       Parent=Smp_311870.3
SM_V9_2 Liftoff mRNA    39248911        39338608        .       +
        .
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Pfam:PF00041;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    39248911        39251762        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39263774        39263854        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39268184        39268234        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39281644        39281898        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39282877        39283089        .       +
        .       Parent=Smp_311870.4
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SM_V9_2 Liftoff exon    39283458        39283721        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39283846        39283932        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39284468        39284524        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39286703        39286844        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39287691        39287825        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39289044        39289153        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39293779        39294007        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39295291        39295583        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39336105        39336267        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff exon    39338253        39338608        .       +
        .       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39251547        39251762        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39263774        39263854        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39268184        39268234        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39281644        39281898        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39282877        39283089        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39283458        39283721        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39283846        39283932        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39284468        39284524        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39286703        39286844        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39287691        39287825        .       +
        2       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39289044        39289153        .       +
        2       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39293779        39294007        .       +
        0       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39295291        39295583        .       +
        2       Parent=Smp_311870.4
SM_V9_2 Liftoff CDS     39336105        39336267        .       +
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SM_V9_2 Liftoff CDS     39338253        39338356        .       +
        2       Parent=Smp_311870.4
SM_V9_2 Liftoff mRNA    39336151        39338608        .       +
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directed RNA polymerase L
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SM_V9_2 Liftoff exon    39336151        39336267        .       +
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SM_V9_2 Liftoff exon    39338253        39338608        .       +
        .       Parent=Smp_311870.1
SM_V9_2 Liftoff CDS     39336192        39336267        .       +
        0       Parent=Smp_311870.1
SM_V9_2 Liftoff CDS     39338253        39338356        .       +
        2       Parent=Smp_311870.1
SM_V9_2 iris    gene    39364101        39414686        .       +
        .
ID=Smp_142510;geneID=Smp_142510;gene_name=Smp_142510;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    39364101        39414686        .       +
        .
ID=Smp_142510.1;Parent=Smp_142510;geneID=Smp_142510;gene_name=Smp_14
2510;owner=irisadmin@local.host;orig_id=Smp_142510.2;date_last_modif
ied=2022-07-31;Name=Smp_142510.1;product=ribonuclease III,
putative;date_creation=2022-07-30
SM_V9_2 iris    exon    39364101        39364353        .       +
        .       Parent=Smp_142510.1;Name=3902217a-cb9a-496b-
bc55-036c0093d7df
SM_V9_2 iris    exon    39367916        39368628        .       +
        .       Parent=Smp_142510.1;Name=1612c870-32ff-4d42-
b855-9263d70f5f00
SM_V9_2 iris    exon    39369771        39369891        .       +
        .       Parent=Smp_142510.1;Name=05f817d3-6993-45b7-
aff4-8da9decafa0b
SM_V9_2 iris    exon    39373863        39374001        .       +
        .       Parent=Smp_142510.1;Name=ba1cca35-9301-49c0-8d01-
dc6bc7a94861
SM_V9_2 iris    exon    39375171        39375352        .       +
        .       Parent=Smp_142510.1;Name=08705f10-599b-430c-
bafd-099b7d6f4bcc
SM_V9_2 iris    exon    39376264        39376623        .       +
        .       Parent=Smp_142510.1;Name=64f637c7-55ec-4455-
a146-09285bb38377
SM_V9_2 iris    exon    39379530        39379703        .       +
        .       Parent=Smp_142510.1;Name=1e03a578-486d-451d-90af-
f4b539cfd853
SM_V9_2 iris    exon    39383535        39383606        .       +
        .       Parent=Smp_142510.1;Name=3df81aba-2ff4-474c-93ac-
a72e93754a38
SM_V9_2 iris    exon    39384286        39384750        .       +
        .       Parent=Smp_142510.1;Name=7079ad98-
ca2a-46a2-8a8a-44078d61c8f6
SM_V9_2 iris    exon    39385613        39385878        .       +
        .       Parent=Smp_142510.1;Name=d9071b9e-72d6-4ca4-8719-
a9e17e20f009
SM_V9_2 iris    exon    39386797        39386983        .       +
        .       Parent=Smp_142510.1;Name=fb4c5974-81aa-4d27-
b1c8-36dced4a62c3
SM_V9_2 iris    exon    39391327        39391589        .       +
        .
Parent=Smp_142510.1;Name=9c67e0b8-52e0-46ce-9bd3-8cdccb30a05e
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        .
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SM_V9_2 iris    exon    39394723        39394825        .       +
        .
Parent=Smp_142510.1;Name=191ed63a-49d3-4c8e-9d1f-113b5994e129
SM_V9_2 iris    exon    39396511        39396683        .       +
        .       Parent=Smp_142510.1;Name=2adb3666-
ac05-4503-91ee-81169932dc14
SM_V9_2 iris    exon    39404096        39404199        .       +
        .       Parent=Smp_142510.1;Name=4712aacd-c01e-4de3-a6ae-
f274a6bcb40d
SM_V9_2 iris    exon    39406192        39406634        .       +
        .       Parent=Smp_142510.1;Name=b0c4fa48-72d2-4de1-9305-
d8104b8750f3
SM_V9_2 iris    exon    39408923        39409110        .       +
        .       Parent=Smp_142510.1;Name=f1b28e36-0699-44b0-ac0c-
c1e8e18166bc
SM_V9_2 iris    exon    39411740        39411884        .       +
        .       Parent=Smp_142510.1;Name=a72291f1-3833-44ee-881e-
a159c98d8c9d
SM_V9_2 iris    exon    39413690        39414686        .       +
        .       Parent=Smp_142510.1;Name=ecc74d3f-
fbd3-4a94-975f-3a129cfe72f2
SM_V9_2 iris    CDS     39367916        39368628        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39369771        39369891        .       +
        1       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39373863        39374001        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39375171        39375352        .       +
        2       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39376264        39376623        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39379530        39379703        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39383535        39383606        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39384286        39384750        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39385613        39385878        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39386797        39386983        .       +
        1       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39391327        39391589        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39392950        39393049        .       +
        1       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39394723        39394825        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39396511        39396683        .       +
        2       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39404096        39404199        .       +
        0       Parent=Smp_142510.1
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SM_V9_2 iris    CDS     39406192        39406634        .       +
        1       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39408923        39409110        .       +
        2       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39411740        39411884        .       +
        0       Parent=Smp_142510.1
SM_V9_2 iris    CDS     39413690        39414411        .       +
        2       Parent=Smp_142510.1
SM_V9_2 iris    gene    39416172        39428890        .       -
        .
ID=Smp_142520;geneID=Smp_142520;gene_name=Smp_142520;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    39416172        39428890        .       -
        .
ID=Smp_142520.1;Parent=Smp_142520;geneID=Smp_142520;gene_name=Smp_14
2520;owner=irisadmin@local.host;orig_id=Smp_142520.1;date_last_modif
ied=2022-08-17;Name=Smp_142520.1;product=Probable
palmitoyltransferase ZDHHC16;date_creation=2022-08-17
SM_V9_2 iris    exon    39416172        39416831        .       -
        .
Parent=Smp_142520.1;Name=fb9be706-19b8-401e-8867-77157f6d0ed5
SM_V9_2 iris    exon    39423011        39423789        .       -
        .       Parent=Smp_142520.1;Name=c15b28ce-b39c-4c52-
aead-7f41e811583e
SM_V9_2 iris    exon    39428582        39428890        .       -
        .       Parent=Smp_142520.1;Name=8d487afa-3727-4be6-
b3ce-6972e94c8884
SM_V9_2 iris    CDS     39416343        39416831        .       -
        0       Parent=Smp_142520.1
SM_V9_2 iris    CDS     39423011        39423760        .       -
        0       Parent=Smp_142520.1
SM_V9_2 Liftoff gene    39739978        39741842        .       +
        .       ID=Smp_328580;geneID=Smp_328580
SM_V9_2 Liftoff mRNA    39739978        39741842        .       +
        .
ID=Smp_328580.1;Parent=Smp_328580;geneID=Smp_328580;product=Probable
disease resistance protein At1g61190
SM_V9_2 Liftoff exon    39739978        39740112        .       +
        .       Parent=Smp_328580.1
SM_V9_2 Liftoff exon    39740997        39741842        .       +
        .       Parent=Smp_328580.1
SM_V9_2 Liftoff CDS     39740082        39740112        .       +
        0       Parent=Smp_328580.1
SM_V9_2 Liftoff CDS     39740997        39741166        .       +
        2       Parent=Smp_328580.1
SM_V9_2 Liftoff gene    39747609        39747842        .       +
        .       ID=Smp_181730;geneID=Smp_181730
SM_V9_2 Liftoff mRNA    39747609        39747842        .       +
        .
ID=Smp_181730.1;Parent=Smp_181730;geneID=Smp_181730;product=Probable
acetolactate synthase small subunit
SM_V9_2 Liftoff exon    39747609        39747842        .       +
        .       Parent=Smp_181730.1
SM_V9_2 Liftoff CDS     39747609        39747842        .       +
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        0       Parent=Smp_181730.1
SM_V9_2 Liftoff gene    39839143        39839439        .       -
        .       ID=Smp_205560;geneID=Smp_205560
SM_V9_2 Liftoff mRNA    39839143        39839439        .       -
        .
ID=Smp_205560.1;Parent=Smp_205560;geneID=Smp_205560;product=Hypothet
ical protein
SM_V9_2 Liftoff exon    39839143        39839439        .       -
        .       Parent=Smp_205560.1
SM_V9_2 Liftoff CDS     39839143        39839439        .       -
        0       Parent=Smp_205560.1
SM_V9_2 Liftoff gene    39862075        39863259        .       -
        .
ID=Smp_242960;geneID=Smp_242960;previous_systematic_id=Smp_125000
SM_V9_2 Liftoff mRNA    39862075        39863259        .       -
        .
ID=Smp_242960.1;Parent=Smp_242960;geneID=Smp_242960;product=Citrinin
polyketide synthase;literature=PMID:17090310
SM_V9_2 Liftoff exon    39862075        39863259        .       -
        .       Parent=Smp_242960.1
SM_V9_2 Liftoff CDS     39862075        39863259        .       -
        0       Parent=Smp_242960.1
SM_V9_2 Liftoff gene    39892978        39894773        .       -
        .       ID=Smp_328590;geneID=Smp_328590
SM_V9_2 Liftoff mRNA    39892978        39894773        .       -
        .
ID=Smp_328590.1;Parent=Smp_328590;geneID=Smp_328590;product=Ubiquiti
n carboxyl-terminal hydrolase 17
SM_V9_2 Liftoff exon    39892978        39894773        .       -
        .       Parent=Smp_328590.1
SM_V9_2 Liftoff CDS     39893932        39894171        .       -
        0       Parent=Smp_328590.1
SM_V9_2 iris    gene    39922805        39942727        .       -
        .
ID=Smp_333940;geneID=Smp_333940;gene_name=Smp_333940;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    39922805        39942727        .       -
        .
ID=Smp_333940.1;Parent=Smp_333940;geneID=Smp_333940;gene_name=Smp_33
3940;owner=irisadmin@local.host;orig_id=Smp_333940.2;date_last_modif
ied=2022-08-17;Name=Smp_333940.1;product=ATP-dependent RNA helicase
DDX19A;date_creation=2022-07-30
SM_V9_2 iris    exon    39922805        39923016        .       -
        .       Parent=Smp_333940.1;Name=e36aef39-90e8-43fb-
a946-59cfb205fe63
SM_V9_2 iris    exon    39923786        39923974        .       -
        .       Parent=Smp_333940.1;Name=5ebf5206-0699-442f-9eae-
b529c5509799
SM_V9_2 iris    exon    39926370        39926532        .       -
        .       Parent=Smp_333940.1;Name=8afcfbd2-c1cd-4af9-a200-
b6bc8f7170ad
SM_V9_2 iris    exon    39929007        39929244        .       -
        .       Parent=Smp_333940.1;Name=04f2db6c-53d1-4dd8-9cb5-
f2549265f75e
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SM_V9_2 iris    exon    39937065        39937254        .       -
        .       Parent=Smp_333940.1;Name=24f15675-b7d1-4298-bf5e-
dbb4b6251658
SM_V9_2 iris    exon    39938293        39938510        .       -
        .       Parent=Smp_333940.1;Name=e0771c0e-fc41-4b2c-
ba67-71f3fc9ce575
SM_V9_2 iris    exon    39942177        39942269        .       -
        .       Parent=Smp_333940.1;Name=b5fce364-7074-4744-b011-
bbe79e9c9d37
SM_V9_2 iris    exon    39942306        39942447        .       -
        .
Parent=Smp_333940.1;Name=84f75fea-6a56-4c90-89ad-8ec92a9e971b
SM_V9_2 iris    exon    39942480        39942727        .       -
        .       Parent=Smp_333940.1;Name=1b0cefb9-2094-4eef-bd38-
c53e6fdaf6db
SM_V9_2 iris    CDS     39922970        39923016        .       -
        2       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39923786        39923974        .       -
        2       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39926370        39926532        .       -
        0       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39929007        39929244        .       -
        1       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39937065        39937254        .       -
        2       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39938293        39938510        .       -
        1       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39942177        39942269        .       -
        1       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39942306        39942447        .       -
        2       Parent=Smp_333940.1
SM_V9_2 iris    CDS     39942480        39942582        .       -
        0       Parent=Smp_333940.1
SM_V9_2 iris    gene    39956968        39978419        .       +
        .
ID=Smp_096520;geneID=Smp_096520;gene_name=Smp_096520;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    39956968        39978419        .       +
        .
ID=Smp_096520.1;Parent=Smp_096520;geneID=Smp_096520;gene_name=Smp_09
6520;owner=irisadmin@local.host;orig_id=Smp_096520.1;date_last_modif
ied=2022-07-31;Name=Smp_096520.1;product=Sialin;date_creation=2022-0
7-30
SM_V9_2 iris    exon    39956968        39957214        .       +
        .       Parent=Smp_096520.1;Name=e35685a0-441d-4425-
a663-1fbdc31106fe
SM_V9_2 iris    exon    39959020        39959262        .       +
        .       Parent=Smp_096520.1;Name=c53adaad-0290-49e5-a9e6-
ca54b674160a
SM_V9_2 iris    exon    39961249        39961336        .       +
        .       Parent=Smp_096520.1;Name=d1aaa67a-
e2ad-4882-8d08-5f43f9cc82dd
SM_V9_2 iris    exon    39964968        39965057        .       +
        .       Parent=Smp_096520.1;Name=e165ead9-56ee-4fe8-9d84-
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b4604e17fbc6
SM_V9_2 iris    exon    39968100        39968239        .       +
        .       Parent=Smp_096520.1;Name=de761934-22f7-4c21-
a65e-5426a5d5f517
SM_V9_2 iris    exon    39969797        39969937        .       +
        .       Parent=Smp_096520.1;Name=f9dc22e6-4c10-44d8-86fe-
f8817ef8c99b
SM_V9_2 iris    exon    39972794        39972926        .       +
        .       Parent=Smp_096520.1;Name=112014d5-e00e-4c07-
beeb-80c9c0474230
SM_V9_2 iris    exon    39976669        39976910        .       +
        .       Parent=Smp_096520.1;Name=4cc97fd0-db4d-4da5-aedc-
bcda186604b9
SM_V9_2 iris    exon    39977989        39978419        .       +
        .
Parent=Smp_096520.1;Name=be4b9d4a-95ff-43d1-87d6-0f9c826da659
SM_V9_2 iris    CDS     39957104        39957214        .       +
        0       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39959020        39959262        .       +
        0       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39961249        39961336        .       +
        0       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39964968        39965057        .       +
        2       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39968100        39968239        .       +
        2       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39969797        39969937        .       +
        0       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39972794        39972926        .       +
        0       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39976669        39976910        .       +
        2       Parent=Smp_096520.1
SM_V9_2 iris    CDS     39977989        39978210        .       +
        0       Parent=Smp_096520.1
SM_V9_2 iris    gene    39994056        40018733        .       -
        .
ID=Smp_311780;geneID=Smp_311780;gene_name=Smp_311780;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    39994056        40018733        .       -
        .
ID=Smp_311780.1;Parent=Smp_311780;geneID=Smp_311780;gene_name=Smp_31
1780;owner=irisadmin@local.host;orig_id=Smp_311780.1;date_last_modif
ied=2022-07-31;Name=Smp_311780.1;product=Alpha-(1,6)-
fucosyltransferase;date_creation=2022-07-31
SM_V9_2 iris    exon    39994056        39994838        .       -
        .       Parent=Smp_311780.1;Name=c573c833-d220-4f4d-a6d1-
bd97b85f4cb1
SM_V9_2 iris    exon    39996907        39997179        .       -
        .       Parent=Smp_311780.1;Name=358868c3-5c36-4b69-b290-
e20689f59a9b
SM_V9_2 iris    exon    39998004        39998108        .       -
        .       Parent=Smp_311780.1;Name=f0f91da1-79f6-4b29-a2a8-
d8be9115e78e
SM_V9_2 iris    exon    40001664        40001935        .       -
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        .       Parent=Smp_311780.1;Name=530b65aa-2150-4f1b-ae9e-
f1849dadb990
SM_V9_2 iris    exon    40004353        40004590        .       -
        .       Parent=Smp_311780.1;Name=50d3bbac-b2d0-4545-
b268-5db61fb39456
SM_V9_2 iris    exon    40011442        40011755        .       -
        .       Parent=Smp_311780.1;Name=a98f133d-924b-44f1-b249-
db44226077b8
SM_V9_2 iris    exon    40013820        40013851        .       -
        .       Parent=Smp_311780.1;Name=cc865aad-
ac9a-412a-97d9-57c17b9260cd
SM_V9_2 iris    exon    40018420        40018639        .       -
        .       Parent=Smp_311780.1;Name=7ac8dac4-2395-4dfd-
b2eb-71416cd21d4a
SM_V9_2 iris    exon    40018676        40018733        .       -
        .       Parent=Smp_311780.1;Name=20977cee-c8e7-45c5-a1b2-
e2bcf8871556
SM_V9_2 iris    CDS     39994506        39994838        .       -
        0       Parent=Smp_311780.1
SM_V9_2 iris    CDS     39996907        39997179        .       -
        0       Parent=Smp_311780.1
SM_V9_2 iris    CDS     39998004        39998108        .       -
        0       Parent=Smp_311780.1
SM_V9_2 iris    CDS     40001664        40001935        .       -
        2       Parent=Smp_311780.1
SM_V9_2 iris    CDS     40004353        40004590        .       -
        0       Parent=Smp_311780.1
SM_V9_2 iris    CDS     40011442        40011755        .       -
        2       Parent=Smp_311780.1
SM_V9_2 iris    CDS     40013820        40013851        .       -
        1       Parent=Smp_311780.1
SM_V9_2 iris    CDS     40018420        40018639        .       -
        2       Parent=Smp_311780.1
SM_V9_2 iris    CDS     40018676        40018688        .       -
        0       Parent=Smp_311780.1
SM_V9_2 iris    gene    40037808        40061548        .       -
        .
ID=Smp_311790;geneID=Smp_311790;gene_name=Smp_311790;owner=irisadmin
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SM_V9_2 iris    mRNA    40037808        40061548        .       -
        .
ID=Smp_311790.1;Parent=Smp_311790;geneID=Smp_311790;gene_name=Smp_31
1790;owner=irisadmin@local.host;orig_id=Smp_311790.1;date_last_modif
ied=2022-07-31;Name=Smp_311790.1;product=Alpha-(1,6)-
fucosyltransferase;date_creation=2022-07-31
SM_V9_2 iris    exon    40037808        40038600        .       -
        .       Parent=Smp_311790.1;Name=10979d42-9ab1-4e59-
a08c-241001ab6695
SM_V9_2 iris    exon    40040683        40040955        .       -
        .       Parent=Smp_311790.1;Name=49c4adc1-8284-4bcb-8e65-
f06e7d120ee1
SM_V9_2 iris    exon    40042243        40042347        .       -
        .       Parent=Smp_311790.1;Name=ea25603a-1cff-4a58-
a17a-92be8d6a9257
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SM_V9_2 iris    exon    40045594        40045865        .       -
        .       Parent=Smp_311790.1;Name=2a370cdc-30f0-41bd-8e02-
d2a931b93cb5
SM_V9_2 iris    exon    40047684        40047921        .       -
        .       Parent=Smp_311790.1;Name=26d1c60f-def2-45bd-b1e8-
b8fec3ba89f4
SM_V9_2 iris    exon    40055074        40055387        .       -
        .       Parent=Smp_311790.1;Name=27ebbbb1-f6c6-4a9b-80f0-
a0268031ae25
SM_V9_2 iris    exon    40059264        40059295        .       -
        .
Parent=Smp_311790.1;Name=897cd679-141b-4807-88f0-3700ef7b21a5
SM_V9_2 iris    exon    40061253        40061472        .       -
        .       Parent=Smp_311790.1;Name=54582700-7bdd-48c0-
bb24-847fc0094eba
SM_V9_2 iris    exon    40061509        40061548        .       -
        .       Parent=Smp_311790.1;Name=9a4b7f5e-ef5f-49e3-
b1fc-38ef5c666d16
SM_V9_2 iris    CDS     40038268        40038600        .       -
        0       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40040683        40040955        .       -
        0       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40042243        40042347        .       -
        0       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40045594        40045865        .       -
        2       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40047684        40047921        .       -
        0       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40055074        40055387        .       -
        2       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40059264        40059295        .       -
        1       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40061253        40061472        .       -
        2       Parent=Smp_311790.1
SM_V9_2 iris    CDS     40061509        40061521        .       -
        0       Parent=Smp_311790.1
SM_V9_2 iris    gene    40087335        40106896        .       +
        .
ID=Smp_178850;geneID=Smp_178850;gene_name=Smp_178850;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40087335        40106896        .       +
        .
ID=Smp_178850.1;Parent=Smp_178850;geneID=Smp_178850;gene_name=Smp_17
8850;owner=irisadmin@local.host;orig_id=Smp_178850.1;date_last_modif
ied=2022-08-15;Name=Smp_178850.1;product=Poly(A) polymerase
gamma;date_creation=2022-07-30
SM_V9_2 iris    exon    40087335        40087418        .       +
        .       Parent=Smp_178850.1;Name=ebc16293-da3e-40c1-
ab69-0829cc3c3fce
SM_V9_2 iris    exon    40097655        40098125        .       +
        .       Parent=Smp_178850.1;Name=0ab0ae7f-216f-40c4-
a23a-1aa403dd2dbf
SM_V9_2 iris    exon    40098176        40098361        .       +
        .       Parent=Smp_178850.1;Name=46ec0408-4539-4f46-a36a-
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f3c7c5d70ace
SM_V9_2 iris    exon    40098412        40098648        .       +
        .       Parent=Smp_178850.1;Name=3a465693-1ab7-46fa-929b-
b41c372b344d
SM_V9_2 iris    exon    40100007        40100127        .       +
        .       Parent=Smp_178850.1;Name=b8542cee-
ccba-4461-827f-9be3bf9a348d
SM_V9_2 iris    exon    40101727        40102186        .       +
        .
Parent=Smp_178850.1;Name=be8ec6dd-60af-45b8-840f-9f2a2181bd15
SM_V9_2 iris    exon    40103368        40103752        .       +
        .       Parent=Smp_178850.1;Name=20afec6c-1d1f-409a-9d9c-
fb810f948b20
SM_V9_2 iris    exon    40104119        40104702        .       +
        .
Parent=Smp_178850.1;Name=87e39dbc-4098-422f-883b-7249233901e5
SM_V9_2 iris    exon    40105167        40105305        .       +
        .       Parent=Smp_178850.1;Name=88fa0fd2-ba34-4877-
aad3-7db0a672649d
SM_V9_2 iris    exon    40106444        40106896        .       +
        .       Parent=Smp_178850.1;Name=1c09b154-
eada-4e75-8c6a-5529137cd804
SM_V9_2 iris    CDS     40097655        40098125        .       +
        0       Parent=Smp_178850.1
SM_V9_2 iris    CDS     40098176        40098361        .       +
        0       Parent=Smp_178850.1
SM_V9_2 iris    CDS     40098412        40098648        .       +
        0       Parent=Smp_178850.1
SM_V9_2 iris    CDS     40100007        40100127        .       +
        0       Parent=Smp_178850.1
SM_V9_2 iris    CDS     40101727        40102186        .       +
        2       Parent=Smp_178850.1
SM_V9_2 iris    CDS     40103368        40103752        .       +
        1       Parent=Smp_178850.1
SM_V9_2 iris    CDS     40104119        40104379        .       +
        0       Parent=Smp_178850.1
SM_V9_2 iris    non_canonical_five_prime_splice_site    40105308
        40105308        .       +       .       ID=Smp_178850.1-
non_canonical_five_prime_splice_site-40105307;Name=Smp_178850.1-
non_canonical_five_prime_splice_site-40105307
SM_V9_2 iris    gene    40158527        40161465        .       -
        .
ID=Smp_201970;geneID=Smp_201970;gene_name=Smp_201970;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    40158527        40161465        .       -
        .
ID=Smp_201970.1;Parent=Smp_201970;geneID=Smp_201970;gene_name=Smp_20
1970;owner=irisadmin@local.host;orig_id=Smp_201970.1;date_last_modif
ied=2022-08-01;Name=Smp_201970.1;product=Stress-activated protein
kinase JNK-1;date_creation=2022-08-01
SM_V9_2 iris    exon    40158527        40161465        .       -
        .       Parent=Smp_201970.1;Name=37b39ae4-fed0-44eb-9d84-
e58a301c233c
SM_V9_2 iris    CDS     40160185        40160466        .       -
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        0       Parent=Smp_201970.1
SM_V9_2 Liftoff pseudogene      40201543        40203510        .
        +       .       ID=Smp_328570;geneID=Smp_328570
SM_V9_2 Liftoff transcript      40201543        40203510        .
        +       .
ID=Smp_328570.1;Parent=Smp_328570;geneID=Smp_328570
SM_V9_2 Liftoff exon    40201543        40203510        .       +
        .       Parent=Smp_328570.1
SM_V9_2 iris    gene    40365159        40380782        .       +
        .
ID=Smp_180570;geneID=Smp_180570;gene_name=Smp_180570;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    40365159        40380782        .       +
        .
ID=Smp_180570.1;Parent=Smp_180570;geneID=Smp_180570;gene_name=Smp_18
0570;owner=irisadmin@local.host;orig_id=Smp_180570.1;date_last_modif
ied=2022-08-01;Name=Smp_180570.1;product=nicotinic acetylcholine
receptor;date_creation=2022-08-01
SM_V9_2 iris    exon    40365159        40365315        .       +
        .       Parent=Smp_180570.1;Name=b71e7eff-1087-4944-8d22-
ed70f798b019
SM_V9_2 iris    exon    40370584        40370807        .       +
        .       Parent=Smp_180570.1;Name=6c415fa0-f550-4efe-
a982-038fc903210d
SM_V9_2 iris    exon    40372941        40373050        .       +
        .
Parent=Smp_180570.1;Name=51e259ac-7139-47d7-8363-56ddb433bd3e
SM_V9_2 iris    exon    40375195        40375979        .       +
        .       Parent=Smp_180570.1;Name=6fb39580-5868-473f-
b428-9edec9ec1fd1
SM_V9_2 iris    exon    40377766        40377965        .       +
        .       Parent=Smp_180570.1;Name=cd610347-dd53-4f44-a5e7-
c116c08c364a
SM_V9_2 iris    exon    40379865        40380782        .       +
        .       Parent=Smp_180570.1;Name=a4dab6eb-1834-4b0c-9953-
f322cacb4ba9
SM_V9_2 iris    CDS     40365240        40365315        .       +
        0       Parent=Smp_180570.1
SM_V9_2 iris    CDS     40370584        40370807        .       +
        2       Parent=Smp_180570.1
SM_V9_2 iris    CDS     40372941        40373050        .       +
        0       Parent=Smp_180570.1
SM_V9_2 iris    CDS     40375195        40375979        .       +
        1       Parent=Smp_180570.1
SM_V9_2 iris    CDS     40377766        40377965        .       +
        2       Parent=Smp_180570.1
SM_V9_2 iris    CDS     40379865        40380497        .       +
        0       Parent=Smp_180570.1
SM_V9_2 iris    gene    40385839        40400470        .       -
        .
ID=Smp_104580;geneID=Smp_104580;gene_name=Smp_104580;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40385839        40398111        .       -
        .
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ID=Smp_104580.2;Parent=Smp_104580;geneID=Smp_104580;gene_name=Smp_10
4580;owner=irisadmin@local.host;orig_id=Smp_104580.2;date_last_modif
ied=2022-07-31;Name=Smp_104580.2;product=Ribulose-phosphate 3-
epimerase;date_creation=2022-07-31
SM_V9_2 iris    exon    40385839        40386036        .       -
        .       Parent=Smp_104580.2;Name=d93d2ded-
d24e-41a1-9052-15b9c9dad59c
SM_V9_2 iris    exon    40387527        40387613        .       -
        .       Parent=Smp_104580.2;Name=038a6257-
d16f-4a96-8202-3136eb3c2a6f
SM_V9_2 iris    exon    40389271        40389405        .       -
        .       Parent=Smp_104580.2;Name=87283442-2eac-4a13-a2b2-
e992802a074e
SM_V9_2 iris    exon    40391168        40391275        .       -
        .       Parent=Smp_104580.2;Name=ebb39df8-d921-4d8f-
bed1-05fe85f947dd
SM_V9_2 iris    exon    40393837        40394087        .       -
        .       Parent=Smp_104580.2;Name=6a546096-fa3c-4a47-
befb-30f7f4bcc4a8
SM_V9_2 iris    exon    40397860        40398111        .       -
        .       Parent=Smp_104580.2;Name=e9fb58b0-97f7-40f5-
b6fb-3c90f6795f31
SM_V9_2 iris    CDS     40385917        40386036        .       -
        0       Parent=Smp_104580.2
SM_V9_2 iris    CDS     40387527        40387613        .       -
        0       Parent=Smp_104580.2
SM_V9_2 iris    CDS     40389271        40389405        .       -
        0       Parent=Smp_104580.2
SM_V9_2 iris    CDS     40391168        40391275        .       -
        0       Parent=Smp_104580.2
SM_V9_2 iris    CDS     40393837        40394082        .       -
        0       Parent=Smp_104580.2
SM_V9_2 iris    mRNA    40385839        40400470        .       -
        .
ID=Smp_104580.1;Parent=Smp_104580;geneID=Smp_104580;gene_name=Smp_10
4580;owner=irisadmin@local.host;orig_id=Smp_104580.2;date_last_modif
ied=2022-07-31;Name=Smp_104580.1;product=Ribulose-phosphate 3-
epimerase;date_creation=2022-07-30
SM_V9_2 iris    exon    40385839        40386036        .       -
        .       Parent=Smp_104580.1;Name=589648fe-770f-41cc-be27-
f97b4a309493
SM_V9_2 iris    exon    40387527        40387613        .       -
        .       Parent=Smp_104580.1;Name=8b02032d-80b4-450b-
aa0a-81369016f059
SM_V9_2 iris    exon    40389271        40389405        .       -
        .       Parent=Smp_104580.1;Name=504085fa-9b03-497b-942c-
dc389753a5a9
SM_V9_2 iris    exon    40391168        40391275        .       -
        .
Parent=Smp_104580.1;Name=48d6801e-360d-4c24-9b1c-13bfe707f339
SM_V9_2 iris    exon    40393837        40394087        .       -
        .       Parent=Smp_104580.1;Name=ef3ff9e6-fb95-4dfa-b81c-
fbab513cd47f
SM_V9_2 iris    exon    40400047        40400470        .       -
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        .       Parent=Smp_104580.1;Name=490cecb8-
d411-4922-9305-326985b4c30b
SM_V9_2 iris    CDS     40385917        40386036        .       -
        0       Parent=Smp_104580.1
SM_V9_2 iris    CDS     40387527        40387613        .       -
        0       Parent=Smp_104580.1
SM_V9_2 iris    CDS     40389271        40389405        .       -
        0       Parent=Smp_104580.1
SM_V9_2 iris    CDS     40391168        40391275        .       -
        0       Parent=Smp_104580.1
SM_V9_2 iris    CDS     40393837        40394082        .       -
        0       Parent=Smp_104580.1
SM_V9_2 Liftoff gene    40409822        40419978        .       +
        .       ID=Smp_180580;geneID=Smp_180580
SM_V9_2 Liftoff mRNA    40409822        40419978        .       +
        .
ID=Smp_180580.1;Parent=Smp_180580;geneID=Smp_180580;product=Trichopl
ein keratin filament-binding protein;polypeptide_domain=Pfam:PF13868
SM_V9_2 Liftoff exon    40409822        40410040        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff exon    40410077        40410182        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff exon    40410217        40410315        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff exon    40410350        40410475        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff exon    40414018        40414191        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff exon    40415297        40415649        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff exon    40418563        40418644        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff exon    40419550        40419978        .       +
        .       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40409907        40410040        .       +
        0       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40410077        40410182        .       +
        1       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40410217        40410315        .       +
        0       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40410350        40410475        .       +
        0       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40414018        40414191        .       +
        0       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40415297        40415649        .       +
        0       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40418563        40418644        .       +
        1       Parent=Smp_180580.1
SM_V9_2 Liftoff CDS     40419550        40419930        .       +
        0       Parent=Smp_180580.1
SM_V9_2 Liftoff gene    40425605        40426185        .       +
        .       ID=Smp_328630;geneID=Smp_328630
SM_V9_2 Liftoff mRNA    40425605        40426185        .       +
        .
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ID=Smp_328630.1;Parent=Smp_328630;geneID=Smp_328630;product=E3
ubiquitin-protein ligase UBR1
SM_V9_2 Liftoff exon    40425605        40426185        .       +
        .       Parent=Smp_328630.1
SM_V9_2 Liftoff CDS     40425624        40426055        .       +
        0       Parent=Smp_328630.1
SM_V9_2 Liftoff gene    40429458        40450398        .       -
        .       ID=Smp_104600;geneID=Smp_104600
SM_V9_2 Liftoff mRNA    40429458        40450398        .       -
        .
ID=Smp_104600.1;Parent=Smp_104600;geneID=Smp_104600;product=Sphingom
yelin phosphodiesterase 4;polypeptide_domain=InterPro:IPR024129
Pfam:PF14724;Ontology_term=GO:0050290
SM_V9_2 Liftoff exon    40429458        40429895        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40431107        40431247        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40432921        40433190        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40436439        40436631        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40439656        40439806        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40443277        40443446        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40445294        40445569        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40447118        40447266        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40449349        40449465        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40449499        40449586        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40449629        40449783        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40449817        40449878        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40449911        40449974        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40450009        40450227        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff exon    40450262        40450398        .       -
        .       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40429569        40429895        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40431107        40431247        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40432921        40433190        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40436439        40436631        .       -
        1       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40439656        40439806        .       -
        2       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40443277        40443446        .       -
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        1       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40445294        40445569        .       -
        1       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40447118        40447266        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40449349        40449465        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40449499        40449586        .       -
        1       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40449629        40449783        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40449817        40449878        .       -
        2       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40449911        40449974        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40450009        40450227        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff CDS     40450262        40450345        .       -
        0       Parent=Smp_104600.1
SM_V9_2 Liftoff gene    40457935        40483536        .       +
        .       ID=Smp_180590;geneID=Smp_180590
SM_V9_2 Liftoff mRNA    40457935        40483536        .       +
        .
ID=Smp_180590.1;Parent=Smp_180590;geneID=Smp_180590;product=Axonemal
dynein light chain domain-containing protein 1
SM_V9_2 Liftoff exon    40457935        40458551        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40461524        40461618        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40461660        40461752        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40462392        40462458        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40462523        40462681        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40464461        40464759        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40466316        40466376        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40468175        40468360        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40470905        40471302        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40475767        40476021        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40478698        40478791        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40480638        40480712        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40480768        40480787        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff exon    40483074        40483536        .       +
        .       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40458480        40458551        .       +
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        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40461524        40461618        .       +
        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40461660        40461752        .       +
        1       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40462392        40462458        .       +
        1       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40462523        40462681        .       +
        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40464461        40464759        .       +
        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40466316        40466376        .       +
        1       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40468175        40468360        .       +
        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40470905        40471302        .       +
        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40475767        40476021        .       +
        1       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40478698        40478791        .       +
        1       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40480638        40480712        .       +
        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40480768        40480787        .       +
        0       Parent=Smp_180590.1
SM_V9_2 Liftoff CDS     40483074        40483479        .       +
        1       Parent=Smp_180590.1
SM_V9_2 Liftoff gene    40486531        40495642        .       -
        .       ID=Smp_242240;geneID=Smp_242240
SM_V9_2 Liftoff mRNA    40486531        40495642        .       -
        .
ID=Smp_242240.1;Parent=Smp_242240;geneID=Smp_242240;product=Insulin-
like growth factor-binding protein-related protein
1;polypeptide_domain=InterPro:IPR000867,IPR002350,IPR003598,IPR00359
9,IPR007110,IPR009030,IPR011390,IPR013783
Pfam:PF00219,PF13927;Ontology_term=GO:0001558,GO:0005515,GO:0005520,
GO:0005576
SM_V9_2 Liftoff exon    40486531        40487105        .       -
        .       Parent=Smp_242240.1
SM_V9_2 Liftoff exon    40490110        40490259        .       -
        .       Parent=Smp_242240.1
SM_V9_2 Liftoff exon    40495006        40495642        .       -
        .       Parent=Smp_242240.1
SM_V9_2 Liftoff CDS     40486903        40487105        .       -
        2       Parent=Smp_242240.1
SM_V9_2 Liftoff CDS     40490110        40490259        .       -
        2       Parent=Smp_242240.1
SM_V9_2 Liftoff CDS     40495006        40495531        .       -
        0       Parent=Smp_242240.1
SM_V9_2 Liftoff gene    40512188        40523281        .       -
        .       ID=Smp_104630;geneID=Smp_104630
SM_V9_2 Liftoff mRNA    40512188        40523281        .       -
        .
ID=Smp_104630.1;Parent=Smp_104630;geneID=Smp_104630;product=tRNA
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(guanine-N(7)-)-methyltransferase non-catalytic subunit wdr4
SM_V9_2 Liftoff exon    40512188        40512454        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40515152        40515200        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40516815        40517052        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40519095        40519273        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40521147        40521204        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40521248        40521360        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40522514        40522682        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40522718        40522861        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40522896        40522937        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff exon    40522974        40523281        .       -
        .       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40512264        40512454        .       -
        2       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40515152        40515200        .       -
        0       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40516815        40517052        .       -
        1       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40519095        40519273        .       -
        0       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40521147        40521204        .       -
        1       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40521248        40521360        .       -
        0       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40522514        40522682        .       -
        1       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40522718        40522861        .       -
        1       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40522896        40522937        .       -
        1       Parent=Smp_104630.1
SM_V9_2 Liftoff CDS     40522974        40523038        .       -
        0       Parent=Smp_104630.1
SM_V9_2 iris    gene    40538145        40561421        .       +
        .
ID=Smp_105200;geneID=Smp_105200;gene_name=Smp_105200;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40538145        40561421        .       +
        .
ID=Smp_105200.1;Parent=Smp_105200;geneID=Smp_105200;gene_name=Smp_10
5200;owner=irisadmin@local.host;orig_id=Smp_105200.1;date_last_modif
ied=2022-07-31;Name=Smp_105200.1;product=Glypican-6;date_creation=20
22-07-30
SM_V9_2 iris    exon    40538145        40538341        .       +
        .       Parent=Smp_105200.1;Name=b521caab-c5bc-44a8-b6a5-
cabdc0f56208
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SM_V9_2 iris    exon    40538383        40538539        .       +
        .       Parent=Smp_105200.1;Name=87fb2fea-2bc5-4d2c-
a2af-695d304f0cad
SM_V9_2 iris    exon    40538578        40538751        .       +
        .       Parent=Smp_105200.1;Name=8f2ffb32-9872-4e86-b91b-
dd8ae1a900f3
SM_V9_2 iris    exon    40538783        40539177        .       +
        .       Parent=Smp_105200.1;Name=4175226c-e887-40fd-
a48f-7d022ec36bf7
SM_V9_2 iris    exon    40540291        40540456        .       +
        .       Parent=Smp_105200.1;Name=006b4736-68eb-4eff-9ddb-
daea7f3a9a1b
SM_V9_2 iris    exon    40543467        40543597        .       +
        .       Parent=Smp_105200.1;Name=3384d70d-a9ea-40be-
bb3f-7ae155728e83
SM_V9_2 iris    exon    40546932        40547129        .       +
        .       Parent=Smp_105200.1;Name=4281685c-73a4-4d54-b0e9-
efa979238b10
SM_V9_2 iris    exon    40549428        40549549        .       +
        .       Parent=Smp_105200.1;Name=5dbdf9e3-4783-4209-
b1c4-392fd784dee5
SM_V9_2 iris    exon    40553463        40553688        .       +
        .       Parent=Smp_105200.1;Name=baadbcb4-38f8-49c0-9a2e-
e6e77ddaee8d
SM_V9_2 iris    exon    40560671        40561421        .       +
        .       Parent=Smp_105200.1;Name=b3fb0f4a-4078-462b-a505-
c9ebfbd6e41a
SM_V9_2 iris    CDS     40538404        40538539        .       +
        0       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40538578        40538751        .       +
        2       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40538783        40539177        .       +
        2       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40540291        40540456        .       +
        0       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40543467        40543597        .       +
        2       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40546932        40547129        .       +
        0       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40549428        40549549        .       +
        0       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40553463        40553688        .       +
        1       Parent=Smp_105200.1
SM_V9_2 iris    CDS     40560671        40561000        .       +
        0       Parent=Smp_105200.1
SM_V9_2 iris    gene    40574139        40589358        .       +
        .
ID=Smp_105180;geneID=Smp_105180;gene_name=Smp_105180;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40574139        40589358        .       +
        .
ID=Smp_105180.2;Parent=Smp_105180;geneID=Smp_105180;gene_name=Smp_10
5180;owner=irisadmin@local.host;date_last_modified=2022-09-05;Name=S
mp_105180.2;date_creation=2022-09-05
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SM_V9_2 iris    exon    40574139        40574300        .       +
        .       Parent=Smp_105180.2;Name=4d5f90a8-da9a-4df8-9f36-
e6795d367971
SM_V9_2 iris    exon    40579654        40579731        .       +
        .       Parent=Smp_105180.2;Name=b4b4ace1-3dd6-4443-
aae9-7301c7ad3fcc
SM_V9_2 iris    exon    40588118        40588164        .       +
        .       Parent=Smp_105180.2;Name=43d95a20-a9e1-4e56-
b7c4-746819bb2179
SM_V9_2 iris    exon    40588213        40588322        .       +
        .       Parent=Smp_105180.2;Name=40d8e4c4-873e-45db-
b98c-5e97e2f0c56b
SM_V9_2 iris    exon    40588370        40588451        .       +
        .       Parent=Smp_105180.2;Name=5799adbb-e98d-4aa8-8780-
e0c025618807
SM_V9_2 iris    exon    40588499        40588568        .       +
        .
Parent=Smp_105180.2;Name=6e334ce8-7909-43be-91b2-34a0efcd789c
SM_V9_2 iris    exon    40588611        40589358        .       +
        .       Parent=Smp_105180.2;Name=c720c197-ea83-4360-
b66a-2d11521137d3
SM_V9_2 iris    CDS     40579714        40579731        .       +
        0       Parent=Smp_105180.2
SM_V9_2 iris    CDS     40588118        40588164        .       +
        0       Parent=Smp_105180.2
SM_V9_2 iris    CDS     40588213        40588322        .       +
        1       Parent=Smp_105180.2
SM_V9_2 iris    CDS     40588370        40588451        .       +
        2       Parent=Smp_105180.2
SM_V9_2 iris    CDS     40588499        40588568        .       +
        1       Parent=Smp_105180.2
SM_V9_2 iris    CDS     40588611        40589255        .       +
        0       Parent=Smp_105180.2
SM_V9_2 iris    mRNA    40574301        40589358        .       +
        .
ID=Smp_105180.1;Parent=Smp_105180;geneID=Smp_105180;gene_name=Smp_10
5180;owner=irisadmin@local.host;orig_id=Smp_105180.1;date_last_modif
ied=2022-07-31;Name=Smp_105180.1;product=Pre-mRNA-splicing factor
CWC25 homolog;date_creation=2022-07-30
SM_V9_2 iris    exon    40574301        40574336        .       +
        .
Parent=Smp_105180.1;Name=c512d084-302b-44e7-8245-3131fb57dae8
SM_V9_2 iris    exon    40579654        40579731        .       +
        .       Parent=Smp_105180.1;Name=9446704e-
fdb8-4ac9-96b9-1484130801f3
SM_V9_2 iris    exon    40588118        40588164        .       +
        .       Parent=Smp_105180.1;Name=07af5489-d00d-4ac4-
ba07-6c40073ad9a1
SM_V9_2 iris    exon    40588213        40588322        .       +
        .
Parent=Smp_105180.1;Name=2dfd6690-4e47-4f70-8709-9ebbbece1c39
SM_V9_2 iris    exon    40588370        40588451        .       +
        .       Parent=Smp_105180.1;Name=8d6b2ffe-
b12f-4260-87f8-8a398f2385c2
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SM_V9_2 iris    exon    40588499        40588568        .       +
        .       Parent=Smp_105180.1;Name=e900f278-82d4-42cb-8c01-
c3ee764f15e6
SM_V9_2 iris    exon    40588611        40589358        .       +
        .       Parent=Smp_105180.1;Name=89e2f914-7358-46a8-
ac94-6c7965ba126a
SM_V9_2 iris    CDS     40579714        40579731        .       +
        0       Parent=Smp_105180.1
SM_V9_2 iris    CDS     40588118        40588164        .       +
        0       Parent=Smp_105180.1
SM_V9_2 iris    CDS     40588213        40588322        .       +
        1       Parent=Smp_105180.1
SM_V9_2 iris    CDS     40588370        40588451        .       +
        2       Parent=Smp_105180.1
SM_V9_2 iris    CDS     40588499        40588568        .       +
        1       Parent=Smp_105180.1
SM_V9_2 iris    CDS     40588611        40589255        .       +
        0       Parent=Smp_105180.1
SM_V9_2 iris    gene    40592792        40616641        .       -
        .
ID=Smp_180910;geneID=Smp_180910;gene_name=Smp_180910;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40592792        40616641        .       -
        .
ID=Smp_180910.1;Parent=Smp_180910;geneID=Smp_180910;gene_name=Smp_18
0910;owner=irisadmin@local.host;orig_id=Smp_180910.1;date_last_modif
ied=2022-07-31;Name=Smp_180910.1;product=Pumilio homolog
2;date_creation=2022-07-30
SM_V9_2 iris    exon    40592792        40595293        .       -
        .       Parent=Smp_180910.1;Name=7cc344b7-5ed0-4979-
a6cc-1ffb84afd9a4
SM_V9_2 iris    exon    40596197        40596349        .       -
        .       Parent=Smp_180910.1;Name=8c8b7354-42b5-4741-bbfc-
f31f4a50134d
SM_V9_2 iris    exon    40599164        40599406        .       -
        .       Parent=Smp_180910.1;Name=78f80a68-
b2ee-40ab-940b-73b5c08b9ff9
SM_V9_2 iris    exon    40602072        40602306        .       -
        .
Parent=Smp_180910.1;Name=e2fc3c81-205d-465b-89bb-6ee4d8d3a8a0
SM_V9_2 iris    exon    40605483        40606501        .       -
        .
Parent=Smp_180910.1;Name=26418f55-7371-4c7a-8484-2ad682a21b68
SM_V9_2 iris    exon    40608025        40608557        .       -
        .
Parent=Smp_180910.1;Name=50b30fa1-46a2-4713-9884-16fe049bfc85
SM_V9_2 iris    exon    40610559        40611488        .       -
        .       Parent=Smp_180910.1;Name=79b3e7a5-eaad-40b5-
a673-1a21097ae81d
SM_V9_2 iris    exon    40611526        40611963        .       -
        .       Parent=Smp_180910.1;Name=ab6770f7-8d5e-4e8f-8129-
d5de13a8c9fd
SM_V9_2 iris    exon    40616584        40616641        .       -
        .       Parent=Smp_180910.1;Name=40d13817-5595-4c69-8525-
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ade021269b8a
SM_V9_2 iris    CDS     40594073        40595293        .       -
        0       Parent=Smp_180910.1
SM_V9_2 iris    CDS     40596197        40596349        .       -
        0       Parent=Smp_180910.1
SM_V9_2 iris    CDS     40599164        40599406        .       -
        0       Parent=Smp_180910.1
SM_V9_2 iris    CDS     40602072        40602306        .       -
        1       Parent=Smp_180910.1
SM_V9_2 iris    CDS     40605483        40606501        .       -
        0       Parent=Smp_180910.1
SM_V9_2 iris    CDS     40608025        40608557        .       -
        2       Parent=Smp_180910.1
SM_V9_2 iris    CDS     40610559        40611488        .       -
        2       Parent=Smp_180910.1
SM_V9_2 iris    CDS     40611526        40611910        .       -
        0       Parent=Smp_180910.1
SM_V9_2 iris    gene    40636613        40682610        .       +
        .
ID=Smp_180900;geneID=Smp_180900;gene_name=Smp_180900;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40636613        40682610        .       +
        .
ID=Smp_180900.1;Parent=Smp_180900;geneID=Smp_180900;gene_name=Smp_18
0900;owner=irisadmin@local.host;orig_id=Smp_180900.2;date_last_modif
ied=2022-07-31;Name=Smp_180900.1;product=Germinal-center associated
nuclear protein;date_creation=2022-07-30
SM_V9_2 iris    exon    40636613        40636678        .       +
        .       Parent=Smp_180900.1;Name=fefb2adf-53b2-44db-8ab8-
dc6662ff4b92
SM_V9_2 iris    exon    40642586        40642825        .       +
        .
Parent=Smp_180900.1;Name=66dd713f-199c-4316-8d48-4cc50a7be6a8
SM_V9_2 iris    exon    40644395        40644765        .       +
        .       Parent=Smp_180900.1;Name=a0ce56cc-840d-4ff4-b4ee-
d7976297ee83
SM_V9_2 iris    exon    40647539        40647762        .       +
        .       Parent=Smp_180900.1;Name=a754bb1d-eab3-4349-b72c-
f602e0662bc3
SM_V9_2 iris    exon    40648415        40648636        .       +
        .       Parent=Smp_180900.1;Name=6e696b74-536c-431e-845f-
b8f28126d5b1
SM_V9_2 iris    exon    40649474        40649881        .       +
        .
Parent=Smp_180900.1;Name=53cfb4c7-7b8d-4b5f-8e3d-15e7d959ce41
SM_V9_2 iris    exon    40651849        40652390        .       +
        .       Parent=Smp_180900.1;Name=e70d2701-bb8e-4e3a-
bd9c-4c0a7d3bba96
SM_V9_2 iris    exon    40654653        40654881        .       +
        .       Parent=Smp_180900.1;Name=c87f86ce-c572-4f9f-
b55c-8424c276dd8a
SM_V9_2 iris    exon    40656134        40656301        .       +
        .       Parent=Smp_180900.1;Name=de34d0a5-7e02-4e3a-acb5-
b00825bf63e0
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SM_V9_2 iris    exon    40660986        40661450        .       +
        .       Parent=Smp_180900.1;Name=1ed1b684-8300-4355-8244-
a8a45e0686a6
SM_V9_2 iris    exon    40663544        40663672        .       +
        .
Parent=Smp_180900.1;Name=6c86af0e-744d-4c74-852b-1e59c3f11e53
SM_V9_2 iris    exon    40669184        40669504        .       +
        .       Parent=Smp_180900.1;Name=e156883c-5ba1-4af2-92b6-
db0c047ade6a
SM_V9_2 iris    exon    40672244        40673002        .       +
        .       Parent=Smp_180900.1;Name=5a4b4890-25a3-48a7-
a470-2b48d0352588
SM_V9_2 iris    exon    40678546        40679083        .       +
        .       Parent=Smp_180900.1;Name=e627131f-47e0-4881-
a61f-22ce6a993117
SM_V9_2 iris    exon    40682134        40682610        .       +
        .       Parent=Smp_180900.1;Name=a28f1cfc-3b53-41d5-
b870-6c1a558cb70e
SM_V9_2 iris    CDS     40644438        40644765        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40647539        40647762        .       +
        2       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40648415        40648636        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40649474        40649881        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40651849        40652390        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40654653        40654881        .       +
        1       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40656134        40656301        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40660986        40661450        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40663544        40663672        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40669184        40669504        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40672244        40673002        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40678546        40679083        .       +
        0       Parent=Smp_180900.1
SM_V9_2 iris    CDS     40682134        40682372        .       +
        2       Parent=Smp_180900.1
SM_V9_2 iris    gene    40715000        40735454        .       +
        .
ID=Smp_180890;geneID=Smp_180890;gene_name=Smp_180890;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40715000        40735454        .       +
        .
ID=Smp_180890.1;Parent=Smp_180890;geneID=Smp_180890;gene_name=Smp_18
0890;owner=irisadmin@local.host;orig_id=Smp_180890.1;date_last_modif
ied=2022-07-31;Name=Smp_180890.1;product=Rho GTPase-activating
protein gacH;date_creation=2022-07-30
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SM_V9_2 iris    exon    40715000        40715425        .       +
        .       Parent=Smp_180890.1;Name=e41a3bdc-d8c2-4ae0-8dbd-
ef7bfbf28fdb
SM_V9_2 iris    exon    40723434        40723514        .       +
        .       Parent=Smp_180890.1;Name=bfc9ef6e-d35e-45de-bd93-
dbb863055a8b
SM_V9_2 iris    exon    40724541        40724756        .       +
        .       Parent=Smp_180890.1;Name=eeb19d76-5503-4e51-87dd-
bd3d9c7a42a7
SM_V9_2 iris    exon    40729326        40729672        .       +
        .       Parent=Smp_180890.1;Name=953a5987-2722-4cac-908f-
a9342e6b2e35
SM_V9_2 iris    exon    40732692        40733372        .       +
        .       Parent=Smp_180890.1;Name=d9dd1bd2-e13e-4e1e-b666-
c5f0f6569df2
SM_V9_2 iris    exon    40734823        40735454        .       +
        .
Parent=Smp_180890.1;Name=e3295c64-89d2-4072-8d18-42b279abaefb
SM_V9_2 iris    CDS     40715050        40715425        .       +
        0       Parent=Smp_180890.1
SM_V9_2 iris    CDS     40723434        40723514        .       +
        2       Parent=Smp_180890.1
SM_V9_2 iris    CDS     40724541        40724756        .       +
        2       Parent=Smp_180890.1
SM_V9_2 iris    CDS     40729326        40729672        .       +
        2       Parent=Smp_180890.1
SM_V9_2 iris    CDS     40732692        40733372        .       +
        0       Parent=Smp_180890.1
SM_V9_2 iris    CDS     40734823        40735080        .       +
        0       Parent=Smp_180890.1
SM_V9_2 iris    gene    40821631        40838615        .       +
        .
ID=Smp_346780;geneID=Smp_346780;gene_name=Smp_346780;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-08-01
SM_V9_2 iris    mRNA    40821631        40838615        .       +
        .
ID=Smp_346780.1;Parent=Smp_346780;geneID=Smp_346780;gene_name=Smp_34
6780;owner=irisadmin@local.host;orig_id=Smp_346780.1;date_last_modif
ied=2022-08-01;Name=Smp_346780.1;product=Homeobox protein ceh-1
(Fragment);date_creation=2022-08-01
SM_V9_2 iris    exon    40821631        40821916        .       +
        .       Parent=Smp_346780.1;Name=f2de1e55-8d78-4b2f-
b83a-0c74e0a7e11d
SM_V9_2 iris    exon    40831806        40832241        .       +
        .       Parent=Smp_346780.1;Name=a14bb83e-6254-44dd-
b3d6-78c23572ac30
SM_V9_2 iris    exon    40838371        40838615        .       +
        .       Parent=Smp_346780.1;Name=5ed122b6-8a00-464f-97c1-
a5fa953996e4
SM_V9_2 iris    CDS     40821841        40821916        .       +
        0       Parent=Smp_346780.1
SM_V9_2 iris    CDS     40831806        40832241        .       +
        2       Parent=Smp_346780.1
SM_V9_2 iris    CDS     40838371        40838593        .       +
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        1       Parent=Smp_346780.1
SM_V9_2 Liftoff gene    40842967        40853985        .       +
        .       ID=Smp_022090;geneID=Smp_022090
SM_V9_2 Liftoff mRNA    40842967        40853985        .       +
        .
ID=Smp_022090.1;Parent=Smp_022090;geneID=Smp_022090;product=Ribose-
phosphate pyrophosphokinase
1;polypeptide_domain=InterPro:IPR000836,IPR000842,IPR005946,IPR02905
7,IPR029099
Pfam:PF13793,PF14572;Ontology_term=GO:0000287,GO:0004749,GO:0009116,
GO:0009156,GO:0009165,GO:0044249
SM_V9_2 Liftoff exon    40842967        40843153        .       +
        .       Parent=Smp_022090.1
SM_V9_2 Liftoff exon    40843217        40843394        .       +
        .       Parent=Smp_022090.1
SM_V9_2 Liftoff exon    40846850        40847079        .       +
        .       Parent=Smp_022090.1
SM_V9_2 Liftoff exon    40848196        40848369        .       +
        .       Parent=Smp_022090.1
SM_V9_2 Liftoff exon    40850008        40850167        .       +
        .       Parent=Smp_022090.1
SM_V9_2 Liftoff exon    40853541        40853985        .       +
        .       Parent=Smp_022090.1
SM_V9_2 Liftoff CDS     40843032        40843153        .       +
        0       Parent=Smp_022090.1
SM_V9_2 Liftoff CDS     40843217        40843394        .       +
        1       Parent=Smp_022090.1
SM_V9_2 Liftoff CDS     40846850        40847079        .       +
        0       Parent=Smp_022090.1
SM_V9_2 Liftoff CDS     40848196        40848369        .       +
        1       Parent=Smp_022090.1
SM_V9_2 Liftoff CDS     40850008        40850167        .       +
        1       Parent=Smp_022090.1
SM_V9_2 Liftoff CDS     40853541        40853633        .       +
        0       Parent=Smp_022090.1
SM_V9_2 iris    gene    40858182        40874056        .       +
        .
ID=Smp_134090;geneID=Smp_134090;gene_name=Smp_134090;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40858182        40874056        .       +
        .
ID=Smp_134090.1;Parent=Smp_134090;geneID=Smp_134090;gene_name=Smp_13
4090;owner=irisadmin@local.host;orig_id=Smp_134090.1;date_last_modif
ied=2022-07-31;Name=Smp_134090.1;product=DNA repair protein RAD51
homolog 4;date_creation=2022-07-30
SM_V9_2 iris    exon    40858182        40858504        .       +
        .       Parent=Smp_134090.1;Name=d6f071b1-a367-4a6a-9d06-
f455501739e1
SM_V9_2 iris    exon    40862613        40862731        .       +
        .       Parent=Smp_134090.1;Name=9c6c4175-fc7c-4566-
b737-173092046d51
SM_V9_2 iris    exon    40863675        40863756        .       +
        .       Parent=Smp_134090.1;Name=036ebb95-7efd-483f-82b6-
b0caec6702bb
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SM_V9_2 iris    exon    40864702        40864893        .       +
        .       Parent=Smp_134090.1;Name=30059533-248b-49c5-b2f9-
f2998f83e5fc
SM_V9_2 iris    exon    40871844        40872066        .       +
        .       Parent=Smp_134090.1;Name=7b62fbdb-
d2c7-4756-946f-8f0a897e0fbf
SM_V9_2 iris    exon    40873644        40874056        .       +
        .       Parent=Smp_134090.1;Name=01234088-e024-492f-b382-
eeb834c2345b
SM_V9_2 iris    CDS     40858229        40858504        .       +
        0       Parent=Smp_134090.1
SM_V9_2 iris    CDS     40862613        40862731        .       +
        0       Parent=Smp_134090.1
SM_V9_2 iris    CDS     40863675        40863756        .       +
        1       Parent=Smp_134090.1
SM_V9_2 iris    CDS     40864702        40864893        .       +
        0       Parent=Smp_134090.1
SM_V9_2 iris    CDS     40871844        40872066        .       +
        0       Parent=Smp_134090.1
SM_V9_2 iris    CDS     40873644        40873957        .       +
        2       Parent=Smp_134090.1
SM_V9_2 iris    gene    40885830        40895943        .       -
        .
ID=Smp_022070;geneID=Smp_022070;gene_name=Smp_022070;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40885830        40895943        .       -
        .
ID=Smp_022070.1;Parent=Smp_022070;geneID=Smp_022070;gene_name=Smp_02
2070;owner=irisadmin@local.host;orig_id=Smp_022070.1;date_last_modif
ied=2022-07-31;Name=Smp_022070.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    40885830        40886510        .       -
        .       Parent=Smp_022070.1;Name=d0311070-fae5-4c66-bc5c-
cb3cc13a75e1
SM_V9_2 iris    exon    40892155        40892658        .       -
        .       Parent=Smp_022070.1;Name=3c9d842b-
f74a-4d7d-9089-9c2f4cfcbac4
SM_V9_2 iris    exon    40895825        40895943        .       -
        .       Parent=Smp_022070.1;Name=65ab95ad-f0f5-4982-bfa3-
a8e2f51bb361
SM_V9_2 iris    CDS     40886463        40886510        .       -
        0       Parent=Smp_022070.1
SM_V9_2 iris    CDS     40892155        40892658        .       -
        0       Parent=Smp_022070.1
SM_V9_2 iris    CDS     40895825        40895830        .       -
        0       Parent=Smp_022070.1
SM_V9_2 iris    gene    40908507        40943691        .       +
        .
ID=Smp_134080;geneID=Smp_134080;gene_name=Smp_134080;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40908507        40943691        .       +
        .
ID=Smp_134080.1;Parent=Smp_134080;geneID=Smp_134080;gene_name=Smp_13
4080;owner=irisadmin@local.host;orig_id=Smp_134080.2;date_last_modif
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ied=2022-07-31;Name=Smp_134080.1;product=Sodium/myo-inositol
cotransporter;date_creation=2022-07-30
SM_V9_2 iris    exon    40908507        40908615        .       +
        .       Parent=Smp_134080.1;Name=60d75184-bd23-45e3-96c5-
f74e6d300a1c
SM_V9_2 iris    exon    40908668        40908778        .       +
        .       Parent=Smp_134080.1;Name=a6afa1b1-fd79-4305-
bac7-997a0cde30eb
SM_V9_2 iris    exon    40908818        40908889        .       +
        .       Parent=Smp_134080.1;Name=dcfa3a27-b0be-4b65-
af37-5b43d824e86b
SM_V9_2 iris    exon    40908927        40909031        .       +
        .       Parent=Smp_134080.1;Name=4e683190-9a8f-4f43-b5e3-
fa8b1317fdc8
SM_V9_2 iris    exon    40909202        40909261        .       +
        .       Parent=Smp_134080.1;Name=17e52dc1-81e1-44b3-8ba2-
a02581c2fac1
SM_V9_2 iris    exon    40909295        40909399        .       +
        .
Parent=Smp_134080.1;Name=46bed3d7-73ce-4771-8596-9789e402ab14
SM_V9_2 iris    exon    40920439        40920544        .       +
        .       Parent=Smp_134080.1;Name=65c841bb-28d1-4ac7-
bb5f-3b9ff1818457
SM_V9_2 iris    exon    40925447        40925527        .       +
        .
Parent=Smp_134080.1;Name=4208b097-8b51-4fd6-97af-5f279f58ac83
SM_V9_2 iris    exon    40927852        40928159        .       +
        .       Parent=Smp_134080.1;Name=36dad648-88a8-4c91-
ba01-15700541b724
SM_V9_2 iris    exon    40930068        40930203        .       +
        .
Parent=Smp_134080.1;Name=8d63e05b-6dc3-4d09-8776-37c2ead9ec79
SM_V9_2 iris    exon    40932901        40933008        .       +
        .       Parent=Smp_134080.1;Name=c027b52f-e11a-41f8-ba8c-
fb130c11f1b8
SM_V9_2 iris    exon    40934758        40934908        .       +
        .       Parent=Smp_134080.1;Name=68229c27-
a6c3-4ed6-8e4a-32240adc31cc
SM_V9_2 iris    exon    40936763        40936931        .       +
        .       Parent=Smp_134080.1;Name=3a0b513f-3760-4fcf-
b53a-2a8365fe0aeb
SM_V9_2 iris    exon    40939067        40939691        .       +
        .       Parent=Smp_134080.1;Name=1355e252-
c266-4b9c-9cd7-3a6d771c5018
SM_V9_2 iris    exon    40942874        40943691        .       +
        .
Parent=Smp_134080.1;Name=62755d0b-0f9a-4dd5-8265-49b8ded6c9b7
SM_V9_2 iris    CDS     40908707        40908778        .       +
        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40908818        40908889        .       +
        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40908927        40909031        .       +
        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40909202        40909261        .       +
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        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40909295        40909399        .       +
        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40920439        40920544        .       +
        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40925447        40925527        .       +
        2       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40927852        40928159        .       +
        2       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40930068        40930203        .       +
        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40932901        40933008        .       +
        2       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40934758        40934908        .       +
        2       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40936763        40936931        .       +
        1       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40939067        40939691        .       +
        0       Parent=Smp_134080.1
SM_V9_2 iris    CDS     40942874        40943418        .       +
        2       Parent=Smp_134080.1
SM_V9_2 iris    gene    40952075        40981994        .       -
        .
ID=Smp_246010;geneID=Smp_246010;gene_name=Smp_246010;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    40952075        40981994        .       -
        .
ID=Smp_246010.1;Parent=Smp_246010;geneID=Smp_246010;gene_name=Smp_24
6010;owner=irisadmin@local.host;orig_id=Smp_246010.6;date_last_modif
ied=2022-07-31;Name=Smp_246010.1;product=Sodium/myo-inositol
cotransporter;date_creation=2022-07-30
SM_V9_2 iris    exon    40952075        40952594        .       -
        .
Parent=Smp_246010.1;Name=9d863005-3a90-4731-8866-06a26de2bde6
SM_V9_2 iris    exon    40957370        40957748        .       -
        .       Parent=Smp_246010.1;Name=ba9db967-d30d-44ce-
b8eb-8e999c35ad80
SM_V9_2 iris    exon    40960163        40960331        .       -
        .       Parent=Smp_246010.1;Name=76147389-18b8-490c-9d9b-
e8c656933a2a
SM_V9_2 iris    exon    40963451        40963601        .       -
        .       Parent=Smp_246010.1;Name=dd1d53f3-d1e8-40b7-864c-
c6f736b88fbe
SM_V9_2 iris    exon    40965589        40965696        .       -
        .       Parent=Smp_246010.1;Name=561438c2-5eb1-4ccf-
bb3a-4f32b5911c79
SM_V9_2 iris    exon    40969001        40969136        .       -
        .       Parent=Smp_246010.1;Name=204a9396-4938-4817-9fc4-
a8d46ccfac56
SM_V9_2 iris    exon    40974431        40974738        .       -
        .       Parent=Smp_246010.1;Name=18ab5f7e-72e9-41d4-b432-
fe3ed4608fd8
SM_V9_2 iris    exon    40975024        40975104        .       -
        .       Parent=Smp_246010.1;Name=81b7fecd-54f5-4539-8d51-
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f072904f6113
SM_V9_2 iris    exon    40976691        40976796        .       -
        .       Parent=Smp_246010.1;Name=756cf321-e750-4b6d-8513-
c971e4effea9
SM_V9_2 iris    exon    40978822        40979020        .       -
        .       Parent=Smp_246010.1;Name=e76c5d01-fd32-4eeb-98a1-
bb64e1070003
SM_V9_2 iris    exon    40979057        40979264        .       -
        .       Parent=Smp_246010.1;Name=2558b89a-
c70f-4f8b-9985-79d607fc9f62
SM_V9_2 iris    exon    40981860        40981994        .       -
        .
Parent=Smp_246010.1;Name=66083e21-660c-4583-8b22-04520e37fc92
SM_V9_2 iris    CDS     40952212        40952594        .       -
        2       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40957370        40957748        .       -
        0       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40960163        40960331        .       -
        1       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40963451        40963601        .       -
        2       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40965589        40965696        .       -
        2       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40969001        40969136        .       -
        0       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40974431        40974738        .       -
        2       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40975024        40975104        .       -
        2       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40976691        40976796        .       -
        0       Parent=Smp_246010.1
SM_V9_2 iris    CDS     40978822        40978938        .       -
        0       Parent=Smp_246010.1
SM_V9_2 Liftoff gene    40993520        41005228        .       +
        .       ID=Smp_134060;geneID=Smp_134060
SM_V9_2 Liftoff mRNA    40993520        41005228        .       +
        .
ID=Smp_134060.1;Parent=Smp_134060;geneID=Smp_134060;product=DDB1-
and CUL4-associated factor
13;polypeptide_domain=InterPro:IPR001680,IPR007287,IPR015943,IPR0179
86 Pfam:PF00400,PF04158;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    40993520        40993615        .       +
        .       Parent=Smp_134060.1
SM_V9_2 Liftoff exon    40993651        40993850        .       +
        .       Parent=Smp_134060.1
SM_V9_2 Liftoff exon    40993890        40993997        .       +
        .       Parent=Smp_134060.1
SM_V9_2 Liftoff exon    41000301        41000633        .       +
        .       Parent=Smp_134060.1
SM_V9_2 Liftoff exon    41004476        41004688        .       +
        .       Parent=Smp_134060.1
SM_V9_2 Liftoff exon    41004726        41004896        .       +
        .       Parent=Smp_134060.1
SM_V9_2 Liftoff exon    41004939        41005228        .       +
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        .       Parent=Smp_134060.1
SM_V9_2 Liftoff CDS     40993558        40993615        .       +
        0       Parent=Smp_134060.1
SM_V9_2 Liftoff CDS     40993651        40993850        .       +
        2       Parent=Smp_134060.1
SM_V9_2 Liftoff CDS     40993890        40993997        .       +
        0       Parent=Smp_134060.1
SM_V9_2 Liftoff CDS     41000301        41000633        .       +
        0       Parent=Smp_134060.1
SM_V9_2 Liftoff CDS     41004476        41004688        .       +
        0       Parent=Smp_134060.1
SM_V9_2 Liftoff CDS     41004726        41004896        .       +
        0       Parent=Smp_134060.1
SM_V9_2 Liftoff CDS     41004939        41005187        .       +
        0       Parent=Smp_134060.1
SM_V9_2 Liftoff gene    41020944        41035000        .       +
        .       ID=Smp_022020;geneID=Smp_022020
SM_V9_2 Liftoff mRNA    41020944        41035000        .       +
        .
ID=Smp_022020.1;Parent=Smp_022020;geneID=Smp_022020;product=CXXC-
type zinc finger protein
1;polypeptide_domain=InterPro:IPR001965,IPR002857,IPR011011,IPR01308
3,IPR019786,IPR019787
Pfam:PF00628,PF02008;Ontology_term=GO:0003677,GO:0008270
SM_V9_2 Liftoff exon    41020944        41021258        .       +
        .       Parent=Smp_022020.1
SM_V9_2 Liftoff exon    41021294        41021394        .       +
        .       Parent=Smp_022020.1
SM_V9_2 Liftoff exon    41021431        41021601        .       +
        .       Parent=Smp_022020.1
SM_V9_2 Liftoff exon    41021637        41022338        .       +
        .       Parent=Smp_022020.1
SM_V9_2 Liftoff exon    41026821        41027025        .       +
        .       Parent=Smp_022020.1
SM_V9_2 Liftoff exon    41030526        41030609        .       +
        .       Parent=Smp_022020.1
SM_V9_2 Liftoff exon    41032724        41035000        .       +
        .       Parent=Smp_022020.1
SM_V9_2 Liftoff CDS     41021146        41021258        .       +
        0       Parent=Smp_022020.1
SM_V9_2 Liftoff CDS     41021294        41021394        .       +
        1       Parent=Smp_022020.1
SM_V9_2 Liftoff CDS     41021431        41021601        .       +
        2       Parent=Smp_022020.1
SM_V9_2 Liftoff CDS     41021637        41022338        .       +
        2       Parent=Smp_022020.1
SM_V9_2 Liftoff CDS     41026821        41027025        .       +
        2       Parent=Smp_022020.1
SM_V9_2 Liftoff CDS     41030526        41030609        .       +
        1       Parent=Smp_022020.1
SM_V9_2 Liftoff CDS     41032724        41033828        .       +
        1       Parent=Smp_022020.1
SM_V9_2 iris    gene    41035006        41124450        .       -
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ID=Smp_134050;geneID=Smp_134050;gene_name=Smp_134050;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41035006        41124450        .       -
       .
ID=Smp_134050.1;Parent=Smp_134050;geneID=Smp_134050;gene_name=Smp_13
4050;owner=irisadmin@local.host;orig_id=Smp_134050.1;date_last_modif
ied=2022-07-31;Name=Smp_134050.1;product=Voltage-dependent calcium
channel subunit alpha-2/delta-3;date_creation=2022-07-30
SM_V9_2 iris    exon    41035006        41035246        .       -
       .       Parent=Smp_134050.1;Name=0afcdffe-0f74-40e8-
a15e-36ec3f02b921
SM_V9_2 iris    exon    41040672        41040748        .       -
       .
Parent=Smp_134050.1;Name=b9d82195-2882-4a0e-960e-1b22be5d4e8a
SM_V9_2 iris    exon    41044174        41044262        .       -
       .       Parent=Smp_134050.1;Name=c0e38972-895d-4bc3-afd0-
b0463e3c8111
SM_V9_2 iris    exon    41047038        41047980        .       -
       .
Parent=Smp_134050.1;Name=511a065e-6bda-40d9-9c44-1beb022c9da6
SM_V9_2 iris    exon    41051690        41051745        .       -
       .       Parent=Smp_134050.1;Name=9ac072c4-20b5-4525-
b184-801e1b1b9b9d
SM_V9_2 iris    exon    41053578        41053630        .       -
       .       Parent=Smp_134050.1;Name=2c65be63-d8cd-4f7a-830b-
edab1f69cf36
SM_V9_2 iris    exon    41055501        41055579        .       -
       .       Parent=Smp_134050.1;Name=d218ae28-
c766-4dea-815e-328c8cf51be8
SM_V9_2 iris    exon    41058183        41058253        .       -
       .       Parent=Smp_134050.1;Name=cb45b7f7-8d7b-4b63-8ec2-
daec715e8677
SM_V9_2 iris    exon    41059444        41059697        .       -
       .       Parent=Smp_134050.1;Name=5c610db4-
d9ab-4794-992b-348c124028c7
SM_V9_2 iris    exon    41062519        41062637        .       -
       .       Parent=Smp_134050.1;Name=c7c42fbf-9e3c-48a3-
a73f-0a73835ccd32
SM_V9_2 iris    exon    41064433        41064510        .       -
       .       Parent=Smp_134050.1;Name=e726af04-1b1f-4cc1-
a41d-0304a82fffb5
SM_V9_2 iris    exon    41066121        41066220        .       -
       .
Parent=Smp_134050.1;Name=756bc771-1b51-44e9-9c6e-1c1670d1bba5
SM_V9_2 iris    exon    41068029        41068135        .       -
       .       Parent=Smp_134050.1;Name=dbaeb00e-1947-4ca7-afcb-
df8c0d6cc70c
SM_V9_2 iris    exon    41069980        41070079        .       -
       .
Parent=Smp_134050.1;Name=39b84c64-02a1-47ab-9e5f-70244fdb21c1
SM_V9_2 iris    exon    41072082        41072241        .       -
       .       Parent=Smp_134050.1;Name=ba8dd156-13fe-4ec8-
aae8-998653e08a6e
SM_V9_2 iris    exon    41072974        41073045        .       -
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        .
Parent=Smp_134050.1;Name=8a45cbdf-8a89-4fa5-887b-18eb6d8d1eba
SM_V9_2 iris    exon    41075668        41075697        .       -
        .       Parent=Smp_134050.1;Name=11d4ff61-1f86-4a74-bca3-
cf2d3fba31fb
SM_V9_2 iris    exon    41079023        41079103        .       -
        .       Parent=Smp_134050.1;Name=eda262e6-2a8e-4168-8867-
d4c9d0505905
SM_V9_2 iris    exon    41082104        41082178        .       -
        .       Parent=Smp_134050.1;Name=75260312-81f9-4a83-
a6ac-205169e088db
SM_V9_2 iris    exon    41083390        41083476        .       -
        .       Parent=Smp_134050.1;Name=36df889e-ff0d-4ff1-
a4ee-1beda72cd612
SM_V9_2 iris    exon    41084756        41084839        .       -
        .       Parent=Smp_134050.1;Name=af79e044-45cf-4799-8c7b-
de99127fa08f
SM_V9_2 iris    exon    41085881        41085952        .       -
        .       Parent=Smp_134050.1;Name=0f550ac4-3a8c-4c42-8aca-
d12bbd106689
SM_V9_2 iris    exon    41087454        41087492        .       -
        .       Parent=Smp_134050.1;Name=86b03d26-478d-4222-85d4-
c49fa7cea2a0
SM_V9_2 iris    exon    41090731        41090823        .       -
        .       Parent=Smp_134050.1;Name=ed3c484e-072d-4541-
ba2c-7b2376137650
SM_V9_2 iris    exon    41092820        41092869        .       -
        .       Parent=Smp_134050.1;Name=0413b319-
da5d-4f1a-83b9-07d1902f3d85
SM_V9_2 iris    exon    41095088        41095172        .       -
        .       Parent=Smp_134050.1;Name=819d8838-
b5d9-4387-8f14-463fa59d95bc
SM_V9_2 iris    exon    41096948        41097055        .       -
        .       Parent=Smp_134050.1;Name=100d4429-
dc77-4819-80a3-32af16a63dce
SM_V9_2 iris    exon    41098225        41098314        .       -
        .       Parent=Smp_134050.1;Name=4650c30f-3778-47d1-
a749-2c06304627b9
SM_V9_2 iris    exon    41101435        41101509        .       -
        .
Parent=Smp_134050.1;Name=fc6abcc8-26d6-4cdd-8bfd-7db38d10ca59
SM_V9_2 iris    exon    41102568        41102718        .       -
        .
Parent=Smp_134050.1;Name=6ebb3498-20c2-4a39-9dc6-93c3e00b2222
SM_V9_2 iris    exon    41104658        41104724        .       -
        .
Parent=Smp_134050.1;Name=672bbce3-1618-491e-8df0-9284b4593ea0
SM_V9_2 iris    exon    41106417        41106548        .       -
        .
Parent=Smp_134050.1;Name=1b3e0e33-27c8-44fd-8689-31e867f51a74
SM_V9_2 iris    exon    41109223        41109388        .       -
        .       Parent=Smp_134050.1;Name=dd7a6148-c72f-4d9c-9d52-
ccc235271dc4
SM_V9_2 iris    exon    41112470        41112529        .       -
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        .       Parent=Smp_134050.1;Name=0ffb5d70-
d44a-44b7-907b-3dcd942a6d96
SM_V9_2 iris    exon    41114475        41114594        .       -
        .       Parent=Smp_134050.1;Name=d6f1206d-00b6-4b4e-
b3ce-1ded19fb1796
SM_V9_2 iris    exon    41119642        41119720        .       -
        .       Parent=Smp_134050.1;Name=b1e2ce11-45a4-470d-
a601-22898fe5003a
SM_V9_2 iris    exon    41124105        41124450        .       -
        .       Parent=Smp_134050.1;Name=8d80666f-fc64-45a3-
b936-5d9cb251b0a5
SM_V9_2 iris    CDS     41035139        41035246        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41040672        41040748        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41044174        41044262        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41047038        41047980        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41051690        41051745        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41053578        41053630        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41055501        41055579        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41058183        41058253        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41059444        41059697        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41062519        41062637        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41064433        41064510        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41066121        41066220        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41068029        41068135        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41069980        41070079        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41072082        41072241        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41072974        41073045        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41075668        41075697        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41079023        41079103        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41082104        41082178        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41083390        41083476        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41084756        41084839        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41085881        41085952        .       -
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        0       Parent=Smp_134050.1
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SM_V9_2 iris    CDS     41090731        41090823        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41092820        41092869        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41095088        41095172        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41096948        41097055        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41098225        41098314        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41101435        41101509        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41102568        41102718        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41104658        41104724        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41106417        41106548        .       -
        2       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41109223        41109388        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41112470        41112529        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41114475        41114594        .       -
        0       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41119642        41119720        .       -
        1       Parent=Smp_134050.1
SM_V9_2 iris    CDS     41124105        41124199        .       -
        0       Parent=Smp_134050.1
SM_V9_2 Liftoff gene    41125767        41132420        .       -
        .       ID=Smp_328640;geneID=Smp_328640
SM_V9_2 Liftoff mRNA    41125767        41132420        .       -
        .
ID=Smp_328640.1;Parent=Smp_328640;geneID=Smp_328640;product=Undecapr
enyl-diphosphatase
SM_V9_2 Liftoff exon    41125767        41132420        .       -
        .       Parent=Smp_328640.1
SM_V9_2 Liftoff CDS     41129137        41129352        .       -
        0       Parent=Smp_328640.1
SM_V9_2 iris    gene    41154507        41167804        .       -
        .
ID=Smp_134040;geneID=Smp_134040;gene_name=Smp_134040;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    41154507        41167804        .       -
        .
ID=Smp_134040.1;Parent=Smp_134040;geneID=Smp_134040;gene_name=Smp_13
4040;owner=irisadmin@local.host;orig_id=Smp_134040.1;date_last_modif
ied=2022-07-31;Name=Smp_134040.1;product=Ecdysone-induced protein
74EF;date_creation=2022-07-31
SM_V9_2 iris    exon    41154507        41155134        .       -
        .       Parent=Smp_134040.1;Name=ec8001a5-bd85-40b3-a0b9-
b25dc76863b2
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SM_V9_2 iris    exon    41157200        41157650        .       -
        .       Parent=Smp_134040.1;Name=6939b523-
fa0e-4db9-9aa3-97ea7397c8b3
SM_V9_2 iris    exon    41164968        41165837        .       -
        .
Parent=Smp_134040.1;Name=b64e5307-334a-47d3-8ef9-717d840a1e55
SM_V9_2 iris    exon    41167450        41167804        .       -
        .       Parent=Smp_134040.1;Name=1ad32f33-72de-4c93-87b9-
bb1f7b70efaa
SM_V9_2 iris    CDS     41154999        41155134        .       -
        1       Parent=Smp_134040.1
SM_V9_2 iris    CDS     41157200        41157650        .       -
        2       Parent=Smp_134040.1
SM_V9_2 iris    CDS     41164968        41165837        .       -
        2       Parent=Smp_134040.1
SM_V9_2 iris    CDS     41167450        41167567        .       -
        0       Parent=Smp_134040.1
SM_V9_2 iris    gene    41190515        41215830        .       -
        .
ID=Smp_242230;geneID=Smp_242230;gene_name=Smp_242230;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    41190515        41215830        .       -
        .
ID=Smp_242230.1;Parent=Smp_242230;geneID=Smp_242230;gene_name=Smp_24
2230;owner=irisadmin@local.host;orig_id=Smp_242230.1;date_last_modif
ied=2022-07-31;Name=Smp_242230.1;product=GPI ethanolamine phosphate
transferase 3;date_creation=2022-07-31
SM_V9_2 iris    exon    41190515        41191095        .       -
        .       Parent=Smp_242230.1;Name=82d4df24-5fe1-4da8-
b96a-3cb7b252f649
SM_V9_2 iris    exon    41193957        41194342        .       -
        .       Parent=Smp_242230.1;Name=a837e6dc-61b8-496f-8c2f-
d5185e69bb42
SM_V9_2 iris    exon    41195098        41195429        .       -
        .       Parent=Smp_242230.1;Name=3a3317e7-fb57-46b4-b2fb-
df355d218a73
SM_V9_2 iris    exon    41197260        41198359        .       -
        .       Parent=Smp_242230.1;Name=2343cfe5-31af-410f-
b3f3-3be29a5fd9bf
SM_V9_2 iris    exon    41200412        41200736        .       -
        .       Parent=Smp_242230.1;Name=bde324e7-5e77-43f5-
b7fe-0b7409212a8d
SM_V9_2 iris    exon    41204377        41204637        .       -
        .       Parent=Smp_242230.1;Name=cf9fe41d-4170-4c46-a492-
d68ebfc21674
SM_V9_2 iris    exon    41206230        41206831        .       -
        .       Parent=Smp_242230.1;Name=bb11fec1-7020-473c-8bae-
ddd2e0719850
SM_V9_2 iris    exon    41208046        41208119        .       -
        .       Parent=Smp_242230.1;Name=18e7ca62-97b4-4503-9708-
cf9247a4bc59
SM_V9_2 iris    exon    41213194        41213268        .       -
        .       Parent=Smp_242230.1;Name=3989f5ab-d346-4c10-8bb7-
c031a9fde09d
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SM_V9_2 iris    exon    41215673        41215830        .       -
        .       Parent=Smp_242230.1;Name=b8ec5cef-344f-43fb-
beda-0f8bcd0d1d3e
SM_V9_2 iris    CDS     41190889        41191095        .       -
        0       Parent=Smp_242230.1
SM_V9_2 iris    CDS     41193957        41194342        .       -
        2       Parent=Smp_242230.1
SM_V9_2 iris    CDS     41195098        41195429        .       -
        1       Parent=Smp_242230.1
SM_V9_2 iris    CDS     41197260        41198359        .       -
        0       Parent=Smp_242230.1
SM_V9_2 iris    CDS     41200412        41200736        .       -
        1       Parent=Smp_242230.1
SM_V9_2 iris    CDS     41204377        41204637        .       -
        1       Parent=Smp_242230.1
SM_V9_2 iris    CDS     41206230        41206813        .       -
        0       Parent=Smp_242230.1
SM_V9_2 iris    gene    41226954        41263900        .       +
        .
ID=Smp_021960;geneID=Smp_021960;gene_name=Smp_021960;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41226954        41263900        .       +
        .
ID=Smp_021960.1;Parent=Smp_021960;geneID=Smp_021960;gene_name=Smp_02
1960;owner=irisadmin@local.host;orig_id=Smp_021960.1;date_last_modif
ied=2022-07-31;Name=Smp_021960.1;product=Importin-13;date_creation=2
022-07-30
SM_V9_2 iris    exon    41226954        41227232        .       +
        .       Parent=Smp_021960.1;Name=28f30804-816d-4f0e-9df3-
a6fd08083907
SM_V9_2 iris    exon    41233825        41234059        .       +
        .       Parent=Smp_021960.1;Name=a4dcb1f5-b8af-4086-
a123-33c83f8aadaa
SM_V9_2 iris    exon    41234100        41234301        .       +
        .       Parent=Smp_021960.1;Name=774933e7-0e2d-42f4-
b38d-897de4aeb07d
SM_V9_2 iris    exon    41236910        41237133        .       +
        .       Parent=Smp_021960.1;Name=391333e7-3c08-43fd-a38d-
d3fccdf922b1
SM_V9_2 iris    exon    41239598        41239824        .       +
        .       Parent=Smp_021960.1;Name=b77846f2-
b810-4c24-9fff-253cb0eb7783
SM_V9_2 iris    exon    41240998        41241187        .       +
        .       Parent=Smp_021960.1;Name=3978389b-d420-448e-
a59a-8e372e6f5200
SM_V9_2 iris    exon    41243554        41243820        .       +
        .       Parent=Smp_021960.1;Name=4e65cf18-c675-454e-
a246-972158eadc68
SM_V9_2 iris    exon    41251576        41251785        .       +
        .       Parent=Smp_021960.1;Name=66fd1013-ed49-41b5-
a6f2-01317262e39a
SM_V9_2 iris    exon    41254882        41255364        .       +
        .       Parent=Smp_021960.1;Name=566c0653-aa23-4774-
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SM_V9_2 iris    exon    41256397        41256634        .       +
        .       Parent=Smp_021960.1;Name=25d9aebc-e3d0-464c-
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SM_V9_2 iris    exon    41257642        41257739        .       +
        .       Parent=Smp_021960.1;Name=ba120237-efde-4361-af29-
d2e70f5fa29b
SM_V9_2 iris    exon    41259991        41260161        .       +
        .
Parent=Smp_021960.1;Name=b5b41a25-2818-47b3-86d4-8bf22ad75c91
SM_V9_2 iris    exon    41261798        41262265        .       +
        .       Parent=Smp_021960.1;Name=42ffa983-1a42-4b98-
ab0c-44f63e3cea08
SM_V9_2 iris    exon    41263123        41263900        .       +
        .       Parent=Smp_021960.1;Name=77d6df09-dbb9-4a5e-87cf-
f64846f27b3f
SM_V9_2 iris    CDS     41233883        41234059        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41234100        41234301        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41236910        41237133        .       +
        2       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41239598        41239824        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41240998        41241187        .       +
        1       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41243554        41243820        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41251576        41251785        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41254882        41255364        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41256397        41256634        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41257642        41257739        .       +
        2       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41259991        41260161        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41261798        41262265        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    CDS     41263123        41263713        .       +
        0       Parent=Smp_021960.1
SM_V9_2 iris    gene    41263659        41282184        .       -
        .
ID=Smp_340370;geneID=Smp_340370;gene_name=Smp_340370;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41263659        41282184        .       -
        .
ID=Smp_340370.1;Parent=Smp_340370;geneID=Smp_340370;gene_name=Smp_34
0370;owner=irisadmin@local.host;orig_id=Smp_340370.1;date_last_modif
ied=2022-07-31;Name=Smp_340370.1;product=Pogo transposable element
with ZNF domain;date_creation=2022-07-30
SM_V9_2 iris    exon    41263659        41263829        .       -
        .       Parent=Smp_340370.1;Name=e4a9df2c-e76d-4a8a-9c1d-
f732cf00d0b8
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SM_V9_2 iris    exon    41264266        41264345        .       -
        .       Parent=Smp_340370.1;Name=fb0ba811-93fe-4192-
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SM_V9_2 iris    exon    41264396        41264762        .       -
        .       Parent=Smp_340370.1;Name=8fd3a463-667d-4bc1-
b167-6a5d960d6981
SM_V9_2 iris    exon    41266532        41267123        .       -
        .       Parent=Smp_340370.1;Name=695ca49c-d4bd-4744-
ba7d-333be0626db3
SM_V9_2 iris    exon    41267898        41268121        .       -
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Parent=Smp_340370.1;Name=8febd306-15e6-44d1-9d0e-0eb6aeceffcb
SM_V9_2 iris    exon    41269246        41269569        .       -
        .
Parent=Smp_340370.1;Name=1e8f9ff4-51c6-472a-8324-3968ada99203
SM_V9_2 iris    exon    41271571        41271906        .       -
        .       Parent=Smp_340370.1;Name=d39c6979-
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SM_V9_2 iris    exon    41272757        41273016        .       -
        .       Parent=Smp_340370.1;Name=2143d6a3-a31b-4e8c-a962-
e79bea3c0b59
SM_V9_2 iris    exon    41273997        41274320        .       -
        .       Parent=Smp_340370.1;Name=f38d9adf-84aa-4884-ba26-
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SM_V9_2 iris    exon    41274357        41274550        .       -
        .       Parent=Smp_340370.1;Name=3a4be564-b83d-4968-
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SM_V9_2 iris    exon    41282039        41282184        .       -
        .       Parent=Smp_340370.1;Name=da56100d-da9d-47c3-9189-
fd588411bcdd
SM_V9_2 iris    CDS     41263752        41263829        .       -
        0       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41264266        41264345        .       -
        2       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41264396        41264762        .       -
        0       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41266532        41267123        .       -
        1       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41267898        41268121        .       -
        0       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41269246        41269569        .       -
        0       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41271571        41271906        .       -
        0       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41272757        41273016        .       -
        2       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41273997        41274320        .       -
        2       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41274357        41274550        .       -
        1       Parent=Smp_340370.1
SM_V9_2 iris    CDS     41282039        41282169        .       -
        0       Parent=Smp_340370.1
SM_V9_2 Liftoff gene    41282664        41289708        .       +
        .       ID=Smp_134020;geneID=Smp_134020
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SM_V9_2 Liftoff mRNA    41282664        41289708        .       +
        .
ID=Smp_134020.1;Parent=Smp_134020;geneID=Smp_134020;product=Cell
division cycle protein 27
homolog;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF12895,PF13181,PF13432;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    41282664        41282955        .       +
        .       Parent=Smp_134020.1
SM_V9_2 Liftoff exon    41282994        41283735        .       +
        .       Parent=Smp_134020.1
SM_V9_2 Liftoff exon    41284819        41286222        .       +
        .       Parent=Smp_134020.1
SM_V9_2 Liftoff exon    41287195        41287581        .       +
        .       Parent=Smp_134020.1
SM_V9_2 Liftoff exon    41288961        41289708        .       +
        .       Parent=Smp_134020.1
SM_V9_2 Liftoff CDS     41282729        41282955        .       +
        0       Parent=Smp_134020.1
SM_V9_2 Liftoff CDS     41282994        41283735        .       +
        1       Parent=Smp_134020.1
SM_V9_2 Liftoff CDS     41284819        41286222        .       +
        0       Parent=Smp_134020.1
SM_V9_2 Liftoff CDS     41287195        41287581        .       +
        0       Parent=Smp_134020.1
SM_V9_2 Liftoff CDS     41288961        41289515        .       +
        0       Parent=Smp_134020.1
SM_V9_2 Liftoff gene    41313164        41329947        .       +
        .       ID=Smp_134010;geneID=Smp_134010
SM_V9_2 Liftoff mRNA    41313164        41329947        .       +
        .
ID=Smp_134010.1;Parent=Smp_134010;geneID=Smp_134010;product=Zinc
finger protein ZPR1;polypeptide_domain=InterPro:IPR004457
Pfam:PF03367;Ontology_term=GO:0008270
SM_V9_2 Liftoff exon    41313164        41313524        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41315553        41315799        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41318755        41318825        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41318860        41318946        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41320372        41320548        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41321112        41321217        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41323548        41323819        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41324840        41324932        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41325769        41325837        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff exon    41329702        41329947        .       +
        .       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41313444        41313524        .       +
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        0       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41315553        41315799        .       +
        0       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41318755        41318825        .       +
        2       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41318860        41318946        .       +
        0       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41320372        41320548        .       +
        0       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41321112        41321217        .       +
        0       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41323548        41323819        .       +
        2       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41324840        41324932        .       +
        0       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41325769        41325837        .       +
        0       Parent=Smp_134010.1
SM_V9_2 Liftoff CDS     41329702        41329827        .       +
        0       Parent=Smp_134010.1
SM_V9_2 Liftoff gene    41343764        41379852        .       +
        .       ID=Smp_021920;geneID=Smp_021920
SM_V9_2 Liftoff mRNA    41343764        41379852        .       +
        .
ID=Smp_021920.1;Parent=Smp_021920;geneID=Smp_021920;product=paramyos
in;evidence=Traceable Author Statement;literature=PMID:2052029
PMID:3094144;polypeptide_domain=InterPro:IPR002928
Pfam:PF01576;Ontology_term=GO:0003774,GO:0016459
SM_V9_2 Liftoff exon    41343764        41344894        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41345862        41345918        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41349566        41349652        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41356189        41356355        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41357619        41357697        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41358961        41359206        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41361783        41361979        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41363006        41363138        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41365572        41365788        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41367779        41368019        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41370959        41371217        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41372234        41372464        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41374607        41374807        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41376647        41376853        .       +
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        .       Parent=Smp_021920.1
SM_V9_2 Liftoff exon    41378039        41379852        .       +
        .       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41344811        41344894        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41345862        41345918        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41349566        41349652        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41356189        41356355        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41357619        41357697        .       +
        1       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41358961        41359206        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41361783        41361979        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41363006        41363138        .       +
        1       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41365572        41365788        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41367779        41368019        .       +
        2       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41370959        41371217        .       +
        1       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41372234        41372464        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41374607        41374807        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41376647        41376853        .       +
        0       Parent=Smp_021920.1
SM_V9_2 Liftoff CDS     41378039        41378233        .       +
        0       Parent=Smp_021920.1
SM_V9_2 iris    gene    41387685        41394860        .       -
        .
ID=Smp_021910;geneID=Smp_021910;gene_name=Smp_021910;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41387685        41394860        .       -
        .
ID=Smp_021910.1;Parent=Smp_021910;geneID=Smp_021910;gene_name=Smp_02
1910;owner=irisadmin@local.host;orig_id=Smp_021910.1;date_last_modif
ied=2022-07-31;Name=Smp_021910.1;product=2-methoxy-6-polyprenyl-1,4-
benzoquinol methylase, mitochondrial;date_creation=2022-07-30
SM_V9_2 iris    exon    41387685        41388152        .       -
        .       Parent=Smp_021910.1;Name=3f124888-1a48-469b-8f7b-
edf613001f9d
SM_V9_2 iris    exon    41390935        41391023        .       -
        .       Parent=Smp_021910.1;Name=b7a15d3b-75ea-4342-b926-
d9a3c4f2e7a8
SM_V9_2 iris    exon    41391060        41391163        .       -
        .       Parent=Smp_021910.1;Name=5fb80111-65b3-4f6a-934f-
af5c3e80bfa6
SM_V9_2 iris    exon    41391208        41391372        .       -
        .       Parent=Smp_021910.1;Name=b08d3193-9f38-486b-ac2f-
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f3b9d8978a98
SM_V9_2 iris    exon    41391419        41391568        .       -
        .       Parent=Smp_021910.1;Name=36aede53-311d-4a45-
ad03-74f91a6ae814
SM_V9_2 iris    exon    41391622        41391764        .       -
        .       Parent=Smp_021910.1;Name=6425a9f0-
e721-4d61-95e9-6499ce452a8c
SM_V9_2 iris    exon    41394813        41394860        .       -
        .       Parent=Smp_021910.1;Name=0b692e83-b6d1-4ad2-9348-
b0889abcc055
SM_V9_2 iris    CDS     41387930        41388152        .       -
        1       Parent=Smp_021910.1
SM_V9_2 iris    CDS     41390935        41391023        .       -
        0       Parent=Smp_021910.1
SM_V9_2 iris    CDS     41391060        41391163        .       -
        2       Parent=Smp_021910.1
SM_V9_2 iris    CDS     41391208        41391372        .       -
        2       Parent=Smp_021910.1
SM_V9_2 iris    CDS     41391419        41391568        .       -
        2       Parent=Smp_021910.1
SM_V9_2 iris    CDS     41391622        41391700        .       -
        0       Parent=Smp_021910.1
SM_V9_2 Liftoff gene    41406182        41453191        .       +
        .
ID=Smp_342850;geneID=Smp_342850;previous_systematic_id=Smp_134000
SM_V9_2 Liftoff mRNA    41406182        41453191        .       +
        .
ID=Smp_342850.1;Parent=Smp_342850;geneID=Smp_342850;product=Junction
plakoglobin;polypeptide_domain=InterPro:IPR011989,IPR016024;Ontology
_term=GO:0005488
SM_V9_2 Liftoff exon    41406182        41406626        .       +
        .       Parent=Smp_342850.1
SM_V9_2 Liftoff exon    41410274        41411218        .       +
        .       Parent=Smp_342850.1
SM_V9_2 Liftoff exon    41450906        41453191        .       +
        .       Parent=Smp_342850.1
SM_V9_2 Liftoff CDS     41406231        41406626        .       +
        0       Parent=Smp_342850.1
SM_V9_2 Liftoff CDS     41410274        41411218        .       +
        0       Parent=Smp_342850.1
SM_V9_2 Liftoff CDS     41450906        41451052        .       +
        0       Parent=Smp_342850.1
SM_V9_2 iris    gene    41465936        41487780        .       -
        .
ID=Smp_133990;geneID=Smp_133990;gene_name=Smp_133990;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41465936        41487780        .       -
        .
ID=Smp_133990.1;Parent=Smp_133990;geneID=Smp_133990;gene_name=Smp_13
3990;owner=irisadmin@local.host;orig_id=Smp_133990.1;date_last_modif
ied=2022-07-31;Name=Smp_133990.1;product=DNA topoisomerase 2-binding
protein 1;date_creation=2022-07-30
SM_V9_2 iris    exon    41465936        41466686        .       -
        .       Parent=Smp_133990.1;Name=40306332-245e-43f8-9c14-
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be53914d6c02
SM_V9_2 iris    exon    41469508        41469857        .       -
        .       Parent=Smp_133990.1;Name=1bf1b162-5db6-4790-adee-
f551655d6f6d
SM_V9_2 iris    exon    41470822        41471042        .       -
        .       Parent=Smp_133990.1;Name=2eb87067-0c02-4e4d-
a259-1385ecc3e2e1
SM_V9_2 iris    exon    41471131        41471285        .       -
        .       Parent=Smp_133990.1;Name=a687dd10-9e09-42c6-
bf59-423b45cb036e
SM_V9_2 iris    exon    41474050        41474453        .       -
        .       Parent=Smp_133990.1;Name=1d8ad4fc-03e2-461d-
aeeb-5432a3d4dbad
SM_V9_2 iris    exon    41476279        41476567        .       -
        .       Parent=Smp_133990.1;Name=1a9c4412-c66b-4bab-
b6b8-6782b3ceffef
SM_V9_2 iris    exon    41479832        41479965        .       -
        .
Parent=Smp_133990.1;Name=8c82e2d9-54a9-42f1-9ff3-870fde210585
SM_V9_2 iris    exon    41482258        41484832        .       -
        .       Parent=Smp_133990.1;Name=b13fa6f7-70ee-4dd4-b283-
c9697c065d78
SM_V9_2 iris    exon    41487740        41487780        .       -
        .       Parent=Smp_133990.1;Name=76182d46-3332-431e-
a217-9ddc3ccc94e1
SM_V9_2 iris    CDS     41466501        41466686        .       -
        0       Parent=Smp_133990.1
SM_V9_2 iris    CDS     41469508        41469857        .       -
        2       Parent=Smp_133990.1
SM_V9_2 iris    CDS     41470822        41471042        .       -
        1       Parent=Smp_133990.1
SM_V9_2 iris    CDS     41471131        41471285        .       -
        0       Parent=Smp_133990.1
SM_V9_2 iris    CDS     41474050        41474453        .       -
        2       Parent=Smp_133990.1
SM_V9_2 iris    CDS     41476279        41476567        .       -
        0       Parent=Smp_133990.1
SM_V9_2 iris    CDS     41479832        41479965        .       -
        2       Parent=Smp_133990.1
SM_V9_2 iris    CDS     41482258        41484709        .       -
        0       Parent=Smp_133990.1
SM_V9_2 iris    gene    41508645        41511143        .       +
        .
ID=Smp_340360;geneID=Smp_340360;gene_name=Smp_340360;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    41508645        41511143        .       +
        .
ID=Smp_340360.1;Parent=Smp_340360;geneID=Smp_340360;gene_name=Smp_34
0360;owner=irisadmin@local.host;orig_id=Smp_340360.1;date_last_modif
ied=2022-07-31;Name=Smp_340360.1;product=CCR4-NOT transcription
complex subunit 7;date_creation=2022-07-31
SM_V9_2 iris    exon    41508645        41508717        .       +
        .       Parent=Smp_340360.1;Name=abff46d6-d992-437f-
a327-699d86bfc051
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SM_V9_2 iris    exon    41508801        41509556        .       +
        .       Parent=Smp_340360.1;Name=5e82a49e-541b-4f19-90eb-
a5e8415eaf0e
SM_V9_2 iris    exon    41509593        41509851        .       +
        .       Parent=Smp_340360.1;Name=f5458032-574c-43bc-805e-
c765f3a837d1
SM_V9_2 iris    exon    41509887        41511143        .       +
        .
Parent=Smp_340360.1;Name=ff965f76-45ef-4c16-91c1-6ed56c9e1325
SM_V9_2 iris    CDS     41508814        41509556        .       +
        0       Parent=Smp_340360.1
SM_V9_2 iris    CDS     41509593        41509851        .       +
        1       Parent=Smp_340360.1
SM_V9_2 iris    CDS     41509887        41510132        .       +
        0       Parent=Smp_340360.1
SM_V9_2 Liftoff gene    41511180        41570988        .       -
        .       ID=Smp_208020;geneID=Smp_208020
SM_V9_2 Liftoff mRNA    41511180        41570988        .       -
        .
ID=Smp_208020.1;Parent=Smp_208020;geneID=Smp_208020;product=Uncharac
terized protein KIAA2013 homolog;polypeptide_domain=Pfam:PF10222
SM_V9_2 Liftoff exon    41511180        41511626        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41518425        41518804        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41520668        41520800        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41533654        41533844        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41544098        41544308        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41557413        41557604        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41559351        41559427        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41562031        41562123        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41570229        41570290        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41570327        41570452        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41570490        41570606        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff exon    41570643        41570988        .       -
        .       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41511206        41511626        .       -
        1       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41518425        41518804        .       -
        0       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41520668        41520800        .       -
        1       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41533654        41533844        .       -
        0       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41544098        41544308        .       -
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        1       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41557413        41557604        .       -
        1       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41559351        41559427        .       -
        0       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41562031        41562123        .       -
        0       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41570229        41570290        .       -
        2       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41570327        41570452        .       -
        2       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41570490        41570606        .       -
        2       Parent=Smp_208020.1
SM_V9_2 Liftoff CDS     41570643        41570715        .       -
        0       Parent=Smp_208020.1
SM_V9_2 Liftoff gene    41575367        41575672        .       +
        .       ID=Smp_179440;geneID=Smp_179440
SM_V9_2 Liftoff mRNA    41575367        41575672        .       +
        .
ID=Smp_179440.1;Parent=Smp_179440;geneID=Smp_179440;product=Cystatin
-8
SM_V9_2 Liftoff exon    41575367        41575672        .       +
        .       Parent=Smp_179440.1
SM_V9_2 Liftoff CDS     41575367        41575672        .       +
        0       Parent=Smp_179440.1
SM_V9_2 iris    gene    41586105        41603041        .       +
        .
ID=Smp_102810;geneID=Smp_102810;gene_name=Smp_102810;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_2 iris    mRNA    41586105        41593871        .       +
        .
ID=Smp_102810.1;Parent=Smp_102810;geneID=Smp_102810;gene_name=Smp_10
2810;owner=irisadmin@local.host;orig_id=Smp_102810.1;date_last_modif
ied=2022-07-31;Name=Smp_102810.1;product=Queuine tRNA-
ribosyltransferase accessory subunit 2;date_creation=2022-07-31
SM_V9_2 iris    exon    41586105        41586200        .       +
        .       Parent=Smp_102810.1;Name=52ac3b25-0e94-4e5e-983d-
cff28fd47ba8
SM_V9_2 iris    exon    41587820        41587989        .       +
        .       Parent=Smp_102810.1;Name=1582ba07-2ed2-4b8b-949e-
a50bd18c12d1
SM_V9_2 iris    exon    41588024        41588105        .       +
        .       Parent=Smp_102810.1;Name=52b2627f-ef42-44e7-
b839-347e1db36a12
SM_V9_2 iris    exon    41588142        41588205        .       +
        .
Parent=Smp_102810.1;Name=0b3b0c06-8649-4f7c-9b38-7013f82760de
SM_V9_2 iris    exon    41588239        41588523        .       +
        .       Parent=Smp_102810.1;Name=4dced100-b910-430b-a352-
c06ed99e473d
SM_V9_2 iris    exon    41589630        41589729        .       +
        .
Parent=Smp_102810.1;Name=1ba90df3-6ee9-48f2-99ce-398f5a3d8f7c
SM_V9_2 iris    exon    41591743        41592217        .       +
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        .       Parent=Smp_102810.1;Name=38b17d8e-cf91-4db1-
a2a3-7ffe23f0ddd8
SM_V9_2 iris    exon    41592922        41593871        .       +
        .       Parent=Smp_102810.1;Name=d13bac09-e58f-4cf4-
b021-6f395148d52d
SM_V9_2 iris    CDS     41587866        41587989        .       +
        0       Parent=Smp_102810.1
SM_V9_2 iris    CDS     41588024        41588105        .       +
        2       Parent=Smp_102810.1
SM_V9_2 iris    CDS     41588142        41588205        .       +
        1       Parent=Smp_102810.1
SM_V9_2 iris    CDS     41588239        41588523        .       +
        0       Parent=Smp_102810.1
SM_V9_2 iris    CDS     41589630        41589729        .       +
        0       Parent=Smp_102810.1
SM_V9_2 iris    CDS     41591743        41592217        .       +
        2       Parent=Smp_102810.1
SM_V9_2 iris    CDS     41592922        41593099        .       +
        1       Parent=Smp_102810.1
SM_V9_2 iris    mRNA    41586105        41603041        .       +
        .
ID=Smp_102810.2;Parent=Smp_102810;geneID=Smp_102810;gene_name=Smp_10
2810;owner=irisadmin@local.host;date_last_modified=2022-07-31;Name=S
mp_102810.2;date_creation=2022-07-31
SM_V9_2 iris    exon    41586105        41586200        .       +
        .       Parent=Smp_102810.2;Name=1222534c-3167-4d4b-
b9f4-7b9520630a3e
SM_V9_2 iris    exon    41587820        41587989        .       +
        .       Parent=Smp_102810.2;Name=671e3410-3ede-4937-801c-
e02d9f9c6eab
SM_V9_2 iris    exon    41588024        41588105        .       +
        .
Parent=Smp_102810.2;Name=d876f1f1-002c-40b9-9542-23abedbbe137
SM_V9_2 iris    exon    41588142        41588205        .       +
        .       Parent=Smp_102810.2;Name=83a272d6-
e551-4a5f-8a8b-4b0a215af827
SM_V9_2 iris    exon    41588239        41588523        .       +
        .
Parent=Smp_102810.2;Name=2090ab5c-79f2-4f43-80aa-78ce1547de2d
SM_V9_2 iris    exon    41589630        41589729        .       +
        .       Parent=Smp_102810.2;Name=611b6cee-0aab-4439-
be2b-5d5942eac80c
SM_V9_2 iris    exon    41591743        41592217        .       +
        .       Parent=Smp_102810.2;Name=396f3b92-4a30-4060-843b-
edce1bd5a16c
SM_V9_2 iris    exon    41592922        41593072        .       +
        .       Parent=Smp_102810.2;Name=71f07d33-075f-48d6-93f2-
dd5cf3587978
SM_V9_2 iris    exon    41601126        41601313        .       +
        .       Parent=Smp_102810.2;Name=56c46311-
b191-407f-8870-3644ec50de28
SM_V9_2 iris    exon    41602542        41603041        .       +
        .
Parent=Smp_102810.2;Name=bc5e8f9d-2e0e-457c-8f23-9840f7c22250
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SM_V9_2 iris    CDS     41587866        41587989        .       +
        0       Parent=Smp_102810.2
SM_V9_2 iris    CDS     41588024        41588105        .       +
        2       Parent=Smp_102810.2
SM_V9_2 iris    CDS     41588142        41588205        .       +
        1       Parent=Smp_102810.2
SM_V9_2 iris    CDS     41588239        41588523        .       +
        0       Parent=Smp_102810.2
SM_V9_2 iris    CDS     41589630        41589729        .       +
        0       Parent=Smp_102810.2
SM_V9_2 iris    CDS     41591743        41592217        .       +
        2       Parent=Smp_102810.2
SM_V9_2 iris    CDS     41592922        41593072        .       +
        1       Parent=Smp_102810.2
SM_V9_2 iris    CDS     41601126        41601149        .       +
        0       Parent=Smp_102810.2
SM_V9_2 iris    gene    41595285        41648771        .       -
        .
ID=Smp_342840;geneID=Smp_342840;gene_name=Smp_342840;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41595285        41648771        .       -
        .
ID=Smp_342840.1;Parent=Smp_342840;geneID=Smp_342840;gene_name=Smp_34
2840;owner=irisadmin@local.host;orig_id=Smp_342840.1;date_last_modif
ied=2022-07-31;Name=Smp_342840.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    41595285        41595832        .       -
        .       Parent=Smp_342840.1;Name=60b7faed-44a0-4e04-
bf53-1740c2ac648f
SM_V9_2 iris    exon    41596407        41596503        .       -
        .       Parent=Smp_342840.1;Name=4f1126db-4d17-4397-
ba5a-99dcb36611e4
SM_V9_2 iris    exon    41597688        41597760        .       -
        .       Parent=Smp_342840.1;Name=ab2f8477-
acb8-4a82-99d8-2057a45982ed
SM_V9_2 iris    exon    41602458        41603000        .       -
        .       Parent=Smp_342840.1;Name=5a21fee7-12cc-4b48-b263-
f80eec453da6
SM_V9_2 iris    exon    41606560        41606892        .       -
        .       Parent=Smp_342840.1;Name=a8cfc9d7-26f0-4027-9295-
fc10881b3952
SM_V9_2 iris    exon    41609543        41609797        .       -
        .       Parent=Smp_342840.1;Name=c99ee04a-0396-48f8-
ae72-2f877fdaf6c9
SM_V9_2 iris    exon    41612936        41613236        .       -
        .       Parent=Smp_342840.1;Name=87040a36-2842-4c0a-b8d5-
fed99e3b73b9
SM_V9_2 iris    exon    41617727        41618082        .       -
        .       Parent=Smp_342840.1;Name=8c157df1-82f6-4144-
bb5c-2ceb0d5ebb3c
SM_V9_2 iris    exon    41619638        41620022        .       -
        .       Parent=Smp_342840.1;Name=e650be90-39e1-4a90-a69f-
f3e729db27f0
SM_V9_2 iris    exon    41622568        41622752        .       -
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        .       Parent=Smp_342840.1;Name=66935e8e-2d4b-4273-
ad26-8391f48a6e9a
SM_V9_2 iris    exon    41625246        41625498        .       -
        .
Parent=Smp_342840.1;Name=17a2302d-1ffb-4c7e-98d7-0e9e74b191b5
SM_V9_2 iris    exon    41627120        41627313        .       -
        .
Parent=Smp_342840.1;Name=32adf50c-2aa0-4bfa-9ca1-41736f51fbd9
SM_V9_2 iris    exon    41629399        41629521        .       -
        .       Parent=Smp_342840.1;Name=9eca4812-4a94-4cc8-
a7e2-036d651744b1
SM_V9_2 iris    exon    41631197        41631518        .       -
        .       Parent=Smp_342840.1;Name=546e9d8b-fdb2-4e09-
bb4f-3f98391858c4
SM_V9_2 iris    exon    41633115        41633677        .       -
        .
Parent=Smp_342840.1;Name=db841cdc-4263-4e64-8f91-2fbcb5528b4c
SM_V9_2 iris    exon    41637576        41637942        .       -
        .       Parent=Smp_342840.1;Name=af30ef57-c05c-4f52-a6c4-
dfb9a129d081
SM_V9_2 iris    exon    41639951        41640169        .       -
        .
Parent=Smp_342840.1;Name=785ae8a9-0283-4304-9af7-179a13ca4b4a
SM_V9_2 iris    exon    41643268        41643546        .       -
        .       Parent=Smp_342840.1;Name=0a28da69-8124-4e05-
be97-4c9072fd95d3
SM_V9_2 iris    exon    41648714        41648771        .       -
        .       Parent=Smp_342840.1;Name=4344f388-0ccd-497b-
a964-56d53302aeb6
SM_V9_2 iris    CDS     41595773        41595832        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41596407        41596503        .       -
        1       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41597688        41597760        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41602458        41603000        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41606560        41606892        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41609543        41609797        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41612936        41613236        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41617727        41618082        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41619638        41620022        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41622568        41622752        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41625246        41625498        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41627120        41627313        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41629399        41629521        .       -
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        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41631197        41631518        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41633115        41633677        .       -
        2       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41637576        41637942        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41639951        41640169        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    CDS     41643268        41643543        .       -
        0       Parent=Smp_342840.1
SM_V9_2 iris    gene    41655022        41669626        .       +
        .
ID=Smp_021830;geneID=Smp_021830;gene_name=Smp_021830;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41655022        41669626        .       +
        .
ID=Smp_021830.1;Parent=Smp_021830;geneID=Smp_021830;gene_name=Smp_02
1830;owner=irisadmin@local.host;orig_id=Smp_021830.1;date_last_modif
ied=2022-07-31;Name=Smp_021830.1;product=phosphatidylserine
decarboxylase proenzyme 1;date_creation=2022-07-30
SM_V9_2 iris    exon    41655022        41655106        .       +
        .       Parent=Smp_021830.1;Name=555efd3c-b6f3-49dc-
ab8f-74f45af93049
SM_V9_2 iris    exon    41655142        41655275        .       +
        .       Parent=Smp_021830.1;Name=35497209-7050-4216-
b1bb-5035644888b8
SM_V9_2 iris    exon    41657357        41657593        .       +
        .       Parent=Smp_021830.1;Name=f3ec6c97-a1eb-4f29-9406-
ec153f22c80b
SM_V9_2 iris    exon    41664623        41664872        .       +
        .       Parent=Smp_021830.1;Name=65a5ad0a-7816-410d-
a0d7-61365a8f6f4d
SM_V9_2 iris    exon    41669023        41669626        .       +
        .       Parent=Smp_021830.1;Name=7da2c300-afa4-49bf-bbe9-
bd9e2b08d324
SM_V9_2 iris    CDS     41655046        41655106        .       +
        0       Parent=Smp_021830.1
SM_V9_2 iris    CDS     41655142        41655275        .       +
        2       Parent=Smp_021830.1
SM_V9_2 iris    CDS     41657357        41657593        .       +
        0       Parent=Smp_021830.1
SM_V9_2 iris    CDS     41664623        41664872        .       +
        0       Parent=Smp_021830.1
SM_V9_2 iris    CDS     41669023        41669450        .       +
        2       Parent=Smp_021830.1
SM_V9_2 Liftoff gene    41688915        41714074        .       +
        .
ID=Smp_303970;geneID=Smp_303970;previous_systematic_id=Smp_133970
SM_V9_2 Liftoff mRNA    41688915        41714074        .       +
        .
ID=Smp_303970.1;Parent=Smp_303970;geneID=Smp_303970;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR011989,IPR016024;Ontology_ter
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m=GO:0005488
SM_V9_2 Liftoff exon    41688915        41690717        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41692219        41692548        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41697379        41697613        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41698896        41699317        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41701663        41701775        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41702272        41702477        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41704905        41705025        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41707196        41707529        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41711068        41711486        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff exon    41713851        41714074        .       +
        .       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41689512        41690717        .       +
        0       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41692219        41692548        .       +
        0       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41697379        41697613        .       +
        0       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41698896        41699317        .       +
        2       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41701663        41701775        .       +
        0       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41702272        41702477        .       +
        1       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41704905        41705025        .       +
        2       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41707196        41707529        .       +
        1       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41711068        41711486        .       +
        0       Parent=Smp_303970.1
SM_V9_2 Liftoff CDS     41713851        41713965        .       +
        1       Parent=Smp_303970.1
SM_V9_2 Liftoff gene    41719367        41725748        .       -
        .       ID=Smp_021800;geneID=Smp_021800
SM_V9_2 Liftoff mRNA    41719367        41725748        .       -
        .
ID=Smp_021800.1;Parent=Smp_021800;geneID=Smp_021800;product=Prefoldi
n subunit 3;polypeptide_domain=InterPro:IPR004127,IPR016655
Pfam:PF02996;Ontology_term=GO:0006457,GO:0016272
SM_V9_2 Liftoff exon    41719367        41725748        .       -
        .       Parent=Smp_021800.1
SM_V9_2 Liftoff CDS     41719871        41720434        .       -
        0       Parent=Smp_021800.1
SM_V9_2 Liftoff gene    41745972        41751526        .       +
        .       ID=Smp_021790;geneID=Smp_021790
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SM_V9_2 Liftoff mRNA    41745972        41751526        .       +
       .
ID=Smp_021790.1;Parent=Smp_021790;geneID=Smp_021790;product=EF-hand
calcium-binding domain-containing protein
10;polypeptide_domain=InterPro:IPR003117
SM_V9_2 Liftoff exon    41745972        41746942        .       +
       .       Parent=Smp_021790.1
SM_V9_2 Liftoff exon    41751040        41751292        .       +
       .       Parent=Smp_021790.1
SM_V9_2 Liftoff exon    41751337        41751526        .       +
       .       Parent=Smp_021790.1
SM_V9_2 Liftoff CDS     41746822        41746942        .       +
       0       Parent=Smp_021790.1
SM_V9_2 Liftoff CDS     41751040        41751292        .       +
       2       Parent=Smp_021790.1
SM_V9_2 Liftoff CDS     41751337        41751385        .       +
       1       Parent=Smp_021790.1
SM_V9_2 Liftoff gene    41767012        41796567        .       +
       .
ID=Smp_133950;geneID=Smp_133950;previous_systematic_id=Smp_178550
SM_V9_2 Liftoff mRNA    41767012        41796567        .       +
       .
ID=Smp_133950.1;Parent=Smp_133950;geneID=Smp_133950;product=Centroso
mal protein of 83 kDa
SM_V9_2 Liftoff exon    41767012        41769709        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41771602        41771775        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41774127        41774209        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41777232        41777319        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41783050        41783269        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41785298        41785596        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41788475        41788633        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41792085        41792185        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff exon    41795109        41796567        .       +
       .       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41769572        41769709        .       +
       0       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41771602        41771775        .       +
       0       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41774127        41774209        .       +
       0       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41777232        41777319        .       +
       1       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41783050        41783269        .       +
       0       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41785298        41785596        .       +
       2       Parent=Smp_133950.1
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SM_V9_2 Liftoff CDS     41788475        41788633        .       +
        0       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41792085        41792185        .       +
        0       Parent=Smp_133950.1
SM_V9_2 Liftoff CDS     41795109        41795247        .       +
        1       Parent=Smp_133950.1
SM_V9_2 iris    gene    41797893        41806590        .       -
        .
ID=Smp_133940;geneID=Smp_133940;gene_name=Smp_133940;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41797893        41806590        .       -
        .
ID=Smp_133940.1;Parent=Smp_133940;geneID=Smp_133940;gene_name=Smp_13
3940;owner=irisadmin@local.host;orig_id=Smp_133940.1;date_last_modif
ied=2022-07-31;Name=Smp_133940.1;product=WW domain-binding protein
4;date_creation=2022-07-30
SM_V9_2 iris    exon    41797893        41798261        .       -
        .       Parent=Smp_133940.1;Name=b3f984dd-0862-49df-83af-
d51f56f60868
SM_V9_2 iris    exon    41800196        41800661        .       -
        .       Parent=Smp_133940.1;Name=e4bcc138-4437-440c-b3ed-
e587e10360a4
SM_V9_2 iris    exon    41800699        41800774        .       -
        .       Parent=Smp_133940.1;Name=b96d497b-c287-4f1c-
badb-7d31eab90ff0
SM_V9_2 iris    exon    41800816        41800950        .       -
        .       Parent=Smp_133940.1;Name=22a72389-
d1bb-418f-8d8e-741fc64bda5c
SM_V9_2 iris    exon    41800995        41801093        .       -
        .       Parent=Smp_133940.1;Name=bfced76d-661c-4c75-
b842-3866a05584a2
SM_V9_2 iris    exon    41805731        41805915        .       -
        .
Parent=Smp_133940.1;Name=1b898df5-48ef-41db-937e-1bf706a5b2ca
SM_V9_2 iris    exon    41806540        41806590        .       -
        .       Parent=Smp_133940.1;Name=c0d6df95-d005-461f-
aa30-01731ff6dcd3
SM_V9_2 iris    CDS     41797955        41798261        .       -
        1       Parent=Smp_133940.1
SM_V9_2 iris    CDS     41800196        41800661        .       -
        2       Parent=Smp_133940.1
SM_V9_2 iris    CDS     41800699        41800774        .       -
        0       Parent=Smp_133940.1
SM_V9_2 iris    CDS     41800816        41800950        .       -
        0       Parent=Smp_133940.1
SM_V9_2 iris    CDS     41800995        41801069        .       -
        0       Parent=Smp_133940.1
SM_V9_2 Liftoff gene    41829783        41830668        .       -
        .       ID=Smp_021760;geneID=Smp_021760
SM_V9_2 Liftoff mRNA    41829783        41830668        .       -
        .
ID=Smp_021760.1;Parent=Smp_021760;geneID=Smp_021760;product=60S
ribosome subunit biogenesis protein NIP7
homolog;polypeptide_domain=InterPro:IPR002478,IPR005155,IPR015947,IP
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R016686 Pfam:PF03657;Ontology_term=GO:0003723,GO:0005634,GO:0042255
SM_V9_2 Liftoff exon    41829783        41830011        .       -
        .       Parent=Smp_021760.1
SM_V9_2 Liftoff exon    41830056        41830335        .       -
        .       Parent=Smp_021760.1
SM_V9_2 Liftoff exon    41830381        41830464        .       -
        .       Parent=Smp_021760.1
SM_V9_2 Liftoff exon    41830498        41830668        .       -
        .       Parent=Smp_021760.1
SM_V9_2 Liftoff CDS     41829892        41830011        .       -
        0       Parent=Smp_021760.1
SM_V9_2 Liftoff CDS     41830056        41830335        .       -
        1       Parent=Smp_021760.1
SM_V9_2 Liftoff CDS     41830381        41830464        .       -
        1       Parent=Smp_021760.1
SM_V9_2 Liftoff CDS     41830498        41830553        .       -
        0       Parent=Smp_021760.1
SM_V9_2 iris    gene    41840262        41842200        .       +
        .
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41840262        41842200        .       +
        .
ID=Smp_021750.1;Parent=Smp_021750;geneID=Smp_021750;gene_name=Smp_02
1750;owner=irisadmin@local.host;orig_id=Smp_021750.1;date_last_modif
ied=2022-07-31;Name=Smp_021750.1;product=7SK snRNA methylphosphate
capping enzyme;date_creation=2022-07-30
SM_V9_2 iris    exon    41840262        41840366        .       +
        .
Parent=Smp_021750.1;Name=dc02dde8-41b3-4990-9088-602216457ec3
SM_V9_2 iris    exon    41840459        41841558        .       +
        .       Parent=Smp_021750.1;Name=6e9e3f40-c0e5-44d0-
bcb8-5184eb4b87d6
SM_V9_2 iris    exon    41841592        41842200        .       +
        .       Parent=Smp_021750.1;Name=bb5d7f31-ac2c-4a2c-
a3da-1aca7842492b
SM_V9_2 iris    CDS     41840321        41840366        .       +
        0       Parent=Smp_021750.1
SM_V9_2 iris    CDS     41840459        41841558        .       +
        2       Parent=Smp_021750.1
SM_V9_2 iris    CDS     41841592        41842047        .       +
        0       Parent=Smp_021750.1
SM_V9_2 Liftoff gene    41893826        41895650        .       -
        .       ID=Smp_095350;geneID=Smp_095350
SM_V9_2 Liftoff mRNA    41893826        41895650        .       -
        .
ID=Smp_095350.1;Parent=Smp_095350;geneID=Smp_095350;product=Protein
TIS11;polypeptide_domain=InterPro:IPR000571
Pfam:PF00642;Ontology_term=GO:0046872
SM_V9_2 Liftoff exon    41893826        41895650        .       -
        .       Parent=Smp_095350.1
SM_V9_2 Liftoff CDS     41894498        41895559        .       -
        0       Parent=Smp_095350.1
SM_V9_2 iris    gene    41971897        41974456        .       -
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        .
ID=Smp_095360;geneID=Smp_095360;gene_name=Smp_095360;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41971897        41974456        .       -
        .
ID=Smp_095360.1;Parent=Smp_095360;geneID=Smp_095360;gene_name=Smp_09
5360;owner=irisadmin@local.host;orig_id=Smp_095360.1;date_last_modif
ied=2022-07-31;Name=Smp_095360.1;product=14 kDa fatty acid-binding
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    41971897        41972117        .       -
        .
Parent=Smp_095360.1;Name=b813cbf9-72a0-478c-91bf-7c3087fe0bfa
SM_V9_2 iris    exon    41972160        41972264        .       -
        .       Parent=Smp_095360.1;Name=2bbf3d88-7df8-440f-bc77-
dc9da5b11ba6
SM_V9_2 iris    exon    41972846        41973018        .       -
        .       Parent=Smp_095360.1;Name=69837845-
d573-458e-97ed-5a1c1b682e25
SM_V9_2 iris    exon    41973693        41973854        .       -
        .       Parent=Smp_095360.1;Name=da53b80b-1995-4c49-
b5e6-2f7b82434295
SM_V9_2 iris    exon    41974399        41974456        .       -
        .       Parent=Smp_095360.1;Name=fb3bea53-89bf-4608-
a645-19cc632731c0
SM_V9_2 iris    CDS     41972064        41972117        .       -
        0       Parent=Smp_095360.1
SM_V9_2 iris    CDS     41972160        41972264        .       -
        0       Parent=Smp_095360.1
SM_V9_2 iris    CDS     41972846        41973018        .       -
        2       Parent=Smp_095360.1
SM_V9_2 iris    CDS     41973693        41973762        .       -
        0       Parent=Smp_095360.1
SM_V9_2 iris    gene    41979496        42033440        .       +
        .
ID=Smp_199100;geneID=Smp_199100;gene_name=Smp_199100;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    41979496        42033440        .       +
        .
ID=Smp_199100.1;Parent=Smp_199100;geneID=Smp_199100;gene_name=Smp_19
9100;owner=irisadmin@local.host;orig_id=Smp_199100.1;date_last_modif
ied=2022-07-31;Name=Smp_199100.1;product=TFIIH basal transcription
factor complex helicase XPD subunit;date_creation=2022-07-30
SM_V9_2 iris    exon    41979496        41979543        .       +
        .
Parent=Smp_199100.1;Name=3c4a7315-03c1-4897-86b9-91dac96b4903
SM_V9_2 iris    exon    41980812        41980907        .       +
        .       Parent=Smp_199100.1;Name=0c6cd205-943a-4a8c-aff0-
cf05ab63c532
SM_V9_2 iris    exon    41980944        41981043        .       +
        .       Parent=Smp_199100.1;Name=3e82f883-c5d2-4c54-
a1f9-3fba8b67e90e
SM_V9_2 iris    exon    41981078        41981452        .       +
        .       Parent=Smp_199100.1;Name=f6ea8261-d956-4524-
af47-1e412c2d5f55
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SM_V9_2 iris    exon    41981507        41981560        .       +
        .       Parent=Smp_199100.1;Name=d64ac48b-fcb1-4bc3-
a326-314080651858
SM_V9_2 iris    exon    41981621        41981683        .       +
        .       Parent=Smp_199100.1;Name=ddad489d-19f8-4f2c-8514-
ccc35047e6d4
SM_V9_2 iris    exon    41981739        41981862        .       +
        .
Parent=Smp_199100.1;Name=36de1693-88f5-47bc-938a-98e827369733
SM_V9_2 iris    exon    41986005        41986211        .       +
        .       Parent=Smp_199100.1;Name=b95f567c-db1a-4ed3-
bdf8-636159e20cb8
SM_V9_2 iris    exon    41987102        41987294        .       +
        .       Parent=Smp_199100.1;Name=e9708207-e773-4a14-b097-
b2bb04121b65
SM_V9_2 iris    exon    41990275        41990393        .       +
        .
Parent=Smp_199100.1;Name=56d03869-24f3-4884-8fb1-6830ab46164e
SM_V9_2 iris    exon    41991191        41991330        .       +
        .       Parent=Smp_199100.1;Name=6e0212cf-15aa-4c5e-
a348-9e0dc0d5c771
SM_V9_2 iris    exon    41994479        41994580        .       +
        .       Parent=Smp_199100.1;Name=5b2910bb-82f2-4de3-
bd95-79a96ea336bc
SM_V9_2 iris    exon    41997066        41997129        .       +
        .
Parent=Smp_199100.1;Name=1f8cbba4-8da0-4d19-8b7b-9b519dafc3bd
SM_V9_2 iris    exon    42001312        42001403        .       +
        .       Parent=Smp_199100.1;Name=535b30ce-e298-4082-bdd2-
f12565656585
SM_V9_2 iris    exon    42007843        42007872        .       +
        .
Parent=Smp_199100.1;Name=607fb782-3b4b-4a44-8047-1c57e07c8224
SM_V9_2 iris    exon    42011958        42012050        .       +
        .       Parent=Smp_199100.1;Name=0ce3893e-0399-495e-805a-
eb86b095e245
SM_V9_2 iris    exon    42015712        42015784        .       +
        .
Parent=Smp_199100.1;Name=e5b21be5-64d8-4ba1-862b-4316acb1a595
SM_V9_2 iris    exon    42020826        42020896        .       +
        .       Parent=Smp_199100.1;Name=0858cd5b-e0b8-48d8-9b26-
a560ef3477e4
SM_V9_2 iris    exon    42028815        42028958        .       +
        .       Parent=Smp_199100.1;Name=ad7a1f2a-
dcac-41e4-9069-8b667727697e
SM_V9_2 iris    exon    42033077        42033440        .       +
        .       Parent=Smp_199100.1;Name=55308b8e-09f7-45af-9e88-
e9d76013dc39
SM_V9_2 iris    CDS     41980903        41980907        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41980944        41981043        .       +
        1       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41981078        41981452        .       +
        0       Parent=Smp_199100.1
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SM_V9_2 iris    CDS     41981507        41981560        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41981621        41981683        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41981739        41981862        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41986005        41986211        .       +
        2       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41987102        41987294        .       +
        2       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41990275        41990393        .       +
        1       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41991191        41991330        .       +
        2       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41994479        41994580        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     41997066        41997129        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     42001312        42001403        .       +
        2       Parent=Smp_199100.1
SM_V9_2 iris    CDS     42007843        42007872        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     42011958        42012050        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     42015712        42015784        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     42020826        42020896        .       +
        2       Parent=Smp_199100.1
SM_V9_2 iris    CDS     42028815        42028958        .       +
        0       Parent=Smp_199100.1
SM_V9_2 iris    CDS     42033077        42033394        .       +
        0       Parent=Smp_199100.1
SM_V9_2 Liftoff gene    42039935        42049865        .       -
        .       ID=Smp_174450;geneID=Smp_174450
SM_V9_2 Liftoff mRNA    42039935        42049865        .       -
        .
ID=Smp_174450.1;Parent=Smp_174450;geneID=Smp_174450;product=Surfeit
locus protein 4 homolog;polypeptide_domain=InterPro:IPR002995
Pfam:PF02077;Ontology_term=GO:0016021
SM_V9_2 Liftoff exon    42039935        42040926        .       -
        .       Parent=Smp_174450.1
SM_V9_2 Liftoff exon    42043158        42043394        .       -
        .       Parent=Smp_174450.1
SM_V9_2 Liftoff exon    42046667        42046930        .       -
        .       Parent=Smp_174450.1
SM_V9_2 Liftoff exon    42049715        42049865        .       -
        .       Parent=Smp_174450.1
SM_V9_2 Liftoff CDS     42040669        42040926        .       -
        0       Parent=Smp_174450.1
SM_V9_2 Liftoff CDS     42043158        42043394        .       -
        0       Parent=Smp_174450.1
SM_V9_2 Liftoff CDS     42046667        42046930        .       -
        0       Parent=Smp_174450.1
SM_V9_2 Liftoff CDS     42049715        42049786        .       -
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        .
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SM_V9_2 iris    mRNA    42072776        42109630        .       +
        .
ID=Smp_346270.1;Parent=Smp_346270;geneID=Smp_346270;gene_name=Smp_34
6270;owner=irisadmin@local.host;orig_id=Smp_346270.1;date_last_modif
ied=2022-07-31;Name=Smp_346270.1;product=ER degradation-enhancing
alpha-mannosidase-like protein 3;date_creation=2022-07-30
SM_V9_2 iris    exon    42072776        42072904        .       +
        .
Parent=Smp_346270.1;Name=49fb3938-845c-4cf9-8d12-663b5c266552
SM_V9_2 iris    exon    42072948        42072993        .       +
        .       Parent=Smp_346270.1;Name=9ed7ac5a-05ca-448a-
af5a-7add9d0029a3
SM_V9_2 iris    exon    42073031        42073171        .       +
        .       Parent=Smp_346270.1;Name=aa436f61-ec54-4a57-a57c-
ff77ba1af76a
SM_V9_2 iris    exon    42073206        42073318        .       +
        .       Parent=Smp_346270.1;Name=0abc0a3b-dc85-4da6-
a35c-7adcb2a342c4
SM_V9_2 iris    exon    42075683        42075881        .       +
        .       Parent=Smp_346270.1;Name=4530282b-
d059-4380-890a-6d1a6f105f09
SM_V9_2 iris    exon    42077683        42077872        .       +
        .
Parent=Smp_346270.1;Name=171405a9-8674-404c-93bd-54a35e56333f
SM_V9_2 iris    exon    42079961        42080206        .       +
        .       Parent=Smp_346270.1;Name=64bd9f53-c1af-4420-abca-
f4c9eb06052f
SM_V9_2 iris    exon    42082101        42082354        .       +
        .       Parent=Smp_346270.1;Name=d0992506-ad32-4ff9-
be2f-9e479860d120
SM_V9_2 iris    exon    42085847        42086707        .       +
        .       Parent=Smp_346270.1;Name=40cff391-33f3-432b-
ae5d-7f916ee7f225
SM_V9_2 iris    exon    42089695        42089779        .       +
        .       Parent=Smp_346270.1;Name=18b9fae1-
ee25-46d5-8a94-4761690e5673
SM_V9_2 iris    exon    42090458        42090945        .       +
        .       Parent=Smp_346270.1;Name=ee35dcb7-
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SM_V9_2 iris    exon    42093778        42094009        .       +
        .       Parent=Smp_346270.1;Name=5b52dd40-
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SM_V9_2 iris    exon    42102887        42102927        .       +
        .       Parent=Smp_346270.1;Name=4bb01fba-8c43-4243-b4e4-
e80f5b120ec5
SM_V9_2 iris    exon    42105144        42105586        .       +
        .       Parent=Smp_346270.1;Name=452f0c3f-
e5a8-42cd-9276-2f0f9c1d2b90
SM_V9_2 iris    exon    42108912        42109630        .       +
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        .       Parent=Smp_346270.1;Name=4efd07e0-d962-4e4e-bc91-
f72a571ccb41
SM_V9_2 iris    CDS     42072801        42072904        .       +
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SM_V9_2 iris    CDS     42072948        42072993        .       +
        1       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42073031        42073171        .       +
        0       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42073206        42073318        .       +
        0       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42075683        42075881        .       +
        1       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42077683        42077872        .       +
        0       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42079961        42080206        .       +
        2       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42082101        42082354        .       +
        2       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42085847        42086707        .       +
        0       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42089695        42089779        .       +
        0       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42090458        42090945        .       +
        2       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42093778        42094009        .       +
        0       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42102887        42102927        .       +
        2       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42105144        42105586        .       +
        0       Parent=Smp_346270.1
SM_V9_2 iris    CDS     42108912        42109329        .       +
        1       Parent=Smp_346270.1
SM_V9_2 iris    gene    42120916        42212320        .       +
        .
ID=Smp_333950;geneID=Smp_333950;gene_name=Smp_333950;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    42120916        42212320        .       +
        .
ID=Smp_333950.1;Parent=Smp_333950;geneID=Smp_333950;gene_name=Smp_33
3950;owner=irisadmin@local.host;orig_id=Smp_333950.1;date_last_modif
ied=2022-08-17;Name=Smp_333950.1;product=Serine/threonine-protein
kinase PAK 3;date_creation=2022-08-17
SM_V9_2 iris    exon    42120916        42121093        .       +
        .       Parent=Smp_333950.1;Name=955d5553-2518-41e8-8aa4-
bc5ba22dd042
SM_V9_2 iris    exon    42124036        42124127        .       +
        .       Parent=Smp_333950.1;Name=a8c11e55-5c48-42fd-
b4af-3f2475f69b0d
SM_V9_2 iris    exon    42124177        42124265        .       +
        .       Parent=Smp_333950.1;Name=0b6e4cf6-ebd9-47f1-9789-
cab42af890e5
SM_V9_2 iris    exon    42124320        42124435        .       +
        .       Parent=Smp_333950.1;Name=62ca7ec7-9b43-4009-87c9-
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SM_V9_2 iris    exon    42134008        42134167        .       +
        .       Parent=Smp_333950.1;Name=b0b25aa8-de7c-4a60-
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SM_V9_2 iris    exon    42141758        42142485        .       +
        .
Parent=Smp_333950.1;Name=1a909175-47d2-42b1-9891-61fed7f973b0
SM_V9_2 iris    exon    42148874        42149395        .       +
        .       Parent=Smp_333950.1;Name=b95b406f-ea71-4402-
aa25-50e80c226165
SM_V9_2 iris    exon    42178494        42179305        .       +
        .
Parent=Smp_333950.1;Name=85c1f4c7-66de-4089-88f8-07d0159530d2
SM_V9_2 iris    exon    42195037        42195316        .       +
        .       Parent=Smp_333950.1;Name=62352981-25a1-4419-
a40a-825183ead853
SM_V9_2 iris    exon    42198272        42198568        .       +
        .       Parent=Smp_333950.1;Name=0d949b94-9632-42b8-
b9aa-840d7c0bc42f
SM_V9_2 iris    exon    42202033        42202170        .       +
        .       Parent=Smp_333950.1;Name=b3d380fe-53af-4190-
a302-4240f8c877a8
SM_V9_2 iris    exon    42210223        42212320        .       +
        .
Parent=Smp_333950.1;Name=7a9f7a40-69da-42b3-929f-73f15e59a3d5
SM_V9_2 iris    CDS     42121022        42121093        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42124036        42124127        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42124177        42124265        .       +
        1       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42124320        42124435        .       +
        2       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42134008        42134167        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42141758        42142485        .       +
        2       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42148874        42149395        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42178494        42179305        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42195037        42195316        .       +
        1       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42198272        42198568        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42202033        42202170        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    CDS     42210223        42210315        .       +
        0       Parent=Smp_333950.1
SM_V9_2 iris    gene    42216890        42223712        .       -
        .
ID=Smp_103340;geneID=Smp_103340;gene_name=Smp_103340;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    42216890        42223712        .       -
        .
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3340;owner=irisadmin@local.host;orig_id=Smp_103340.3;date_last_modif
ied=2022-07-31;Name=Smp_103340.1;product=Voltage-dependent L-type
calcium channel subunit alpha-1C;date_creation=2022-07-30
SM_V9_2 iris    exon    42216890        42217186        .       -
        .       Parent=Smp_103340.1;Name=419cdbcc-0fc1-4251-9b99-
fe79a31d0f42
SM_V9_2 iris    exon    42220961        42221071        .       -
        .       Parent=Smp_103340.1;Name=14983f2a-ee03-4cd0-
ba86-94d4d7ae590a
SM_V9_2 iris    exon    42221112        42221142        .       -
        .       Parent=Smp_103340.1;Name=7aaf681b-7867-410f-b1ca-
b0be006546b4
SM_V9_2 iris    exon    42221186        42221301        .       -
        .       Parent=Smp_103340.1;Name=e545aa95-3fd4-4778-a546-
f4ceee5bd283
SM_V9_2 iris    exon    42221345        42221434        .       -
        .
Parent=Smp_103340.1;Name=70204d6a-5a0a-42e8-9a0d-4661d556a128
SM_V9_2 iris    exon    42221476        42221542        .       -
        .       Parent=Smp_103340.1;Name=a1448f8b-bbdb-4c36-877a-
feb262e5d7df
SM_V9_2 iris    exon    42221591        42221667        .       -
        .       Parent=Smp_103340.1;Name=7ab30920-034d-4fb4-
b08f-93fdafa1f7bc
SM_V9_2 iris    exon    42223649        42223712        .       -
        .       Parent=Smp_103340.1;Name=02c41969-3dca-4b1b-
adc1-2ddb10500769
SM_V9_2 iris    CDS     42217002        42217186        .       -
        2       Parent=Smp_103340.1
SM_V9_2 iris    CDS     42220961        42221071        .       -
        2       Parent=Smp_103340.1
SM_V9_2 iris    CDS     42221112        42221142        .       -
        0       Parent=Smp_103340.1
SM_V9_2 iris    CDS     42221186        42221301        .       -
        2       Parent=Smp_103340.1
SM_V9_2 iris    CDS     42221345        42221434        .       -
        2       Parent=Smp_103340.1
SM_V9_2 iris    CDS     42221476        42221542        .       -
        0       Parent=Smp_103340.1
SM_V9_2 iris    CDS     42221591        42221635        .       -
        0       Parent=Smp_103340.1
SM_V9_2 Liftoff gene    42281926        42313360        .       +
        .
ID=Smp_312010;geneID=Smp_312010;previous_systematic_id=Smp_155680,Sm
p_155690
SM_V9_2 Liftoff mRNA    42281926        42313360        .       +
        .
ID=Smp_312010.1;Parent=Smp_312010;geneID=Smp_312010;product=Transcri
ption factor SOX-2;polypeptide_domain=InterPro:IPR009071
Pfam:PF00505
SM_V9_2 Liftoff exon    42281926        42284142        .       +
        .       Parent=Smp_312010.1
SM_V9_2 Liftoff exon    42309809        42313360        .       +
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        .       Parent=Smp_312010.1
SM_V9_2 Liftoff CDS     42282649        42284142        .       +
        0       Parent=Smp_312010.1
SM_V9_2 Liftoff CDS     42309809        42312079        .       +
        0       Parent=Smp_312010.1
SM_V9_2 iris    gene    42368444        42382819        .       -
        .
ID=Smp_155700;geneID=Smp_155700;gene_name=Smp_155700;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    42368444        42382819        .       -
        .
ID=Smp_155700.1;Parent=Smp_155700;geneID=Smp_155700;gene_name=Smp_15
5700;owner=irisadmin@local.host;orig_id=Smp_155700.1;date_last_modif
ied=2022-07-31;Name=Smp_155700.1;product=Mannose-P-dolichol
utilization defect 1 protein;date_creation=2022-07-30
SM_V9_2 iris    exon    42368444        42368973        .       -
        .
Parent=Smp_155700.1;Name=44e85937-0a7e-497a-9192-5e45e47408fc
SM_V9_2 iris    exon    42371790        42371994        .       -
        .       Parent=Smp_155700.1;Name=9427baa9-3609-46b0-
a66c-07e1af85f9c8
SM_V9_2 iris    exon    42377014        42377146        .       -
        .       Parent=Smp_155700.1;Name=2b8705cc-9129-412a-
b42e-5c7c048b87ea
SM_V9_2 iris    exon    42377215        42377280        .       -
        .
Parent=Smp_155700.1;Name=93b67bb4-943e-4809-85f9-239facf7ccc2
SM_V9_2 iris    exon    42377331        42377476        .       -
        .       Parent=Smp_155700.1;Name=10ff3e97-8646-47e9-8012-
c854bb4462e8
SM_V9_2 iris    exon    42382775        42382819        .       -
        .       Parent=Smp_155700.1;Name=1ad5d886-2926-44f2-
ad81-207307617e43
SM_V9_2 iris    CDS     42368668        42368973        .       -
        0       Parent=Smp_155700.1
SM_V9_2 iris    CDS     42371790        42371994        .       -
        1       Parent=Smp_155700.1
SM_V9_2 iris    CDS     42377014        42377146        .       -
        2       Parent=Smp_155700.1
SM_V9_2 iris    CDS     42377215        42377280        .       -
        2       Parent=Smp_155700.1
SM_V9_2 iris    CDS     42377331        42377412        .       -
        0       Parent=Smp_155700.1
SM_V9_2 iris    gene    42397633        42399878        .       +
        .
ID=Smp_179650;geneID=Smp_179650;gene_name=Smp_179650;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    42397633        42399878        .       +
        .
ID=Smp_179650.1;Parent=Smp_179650;geneID=Smp_179650;gene_name=Smp_17
9650;owner=irisadmin@local.host;orig_id=Smp_179650.1;date_last_modif
ied=2022-07-31;Name=Smp_179650.1;product=Chromobox protein homolog
5;date_creation=2022-07-30
SM_V9_2 iris    exon    42397633        42397871        .       +
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        .       Parent=Smp_179650.1;Name=ec5dd6f1-d299-43be-a694-
d5703bf75180
SM_V9_2 iris    exon    42398154        42398411        .       +
        .       Parent=Smp_179650.1;Name=85e05702-148b-4f47-b8ef-
edd533fc0ba9
SM_V9_2 iris    exon    42399328        42399440        .       +
        .       Parent=Smp_179650.1;Name=15007fbb-eafb-40b8-
a161-004273039b43
SM_V9_2 iris    exon    42399533        42399878        .       +
        .       Parent=Smp_179650.1;Name=5f477c17-9a94-4aaa-9335-
b973c9919d4c
SM_V9_2 iris    CDS     42397686        42397871        .       +
        0       Parent=Smp_179650.1
SM_V9_2 iris    CDS     42398154        42398411        .       +
        0       Parent=Smp_179650.1
SM_V9_2 iris    CDS     42399328        42399440        .       +
        0       Parent=Smp_179650.1
SM_V9_2 iris    CDS     42399533        42399713        .       +
        1       Parent=Smp_179650.1
SM_V9_2 Liftoff gene    42442446        42445939        .       -
        .       ID=Smp_179660;geneID=Smp_179660
SM_V9_2 Liftoff mRNA    42442446        42445939        .       -
        .
ID=Smp_179660.1;Parent=Smp_179660;geneID=Smp_179660;product=Prominin
-2;polypeptide_domain=InterPro:IPR008795
Pfam:PF05478;Ontology_term=GO:0016021
SM_V9_2 Liftoff exon    42442446        42445939        .       -
        .       Parent=Smp_179660.1
SM_V9_2 Liftoff CDS     42443066        42445780        .       -
        0       Parent=Smp_179660.1
SM_V9_2 iris    gene    42463533        42518399        .       -
        .
ID=Smp_093430;geneID=Smp_093430;gene_name=Smp_093430;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    42463533        42518399        .       -
        .
ID=Smp_093430.1;Parent=Smp_093430;geneID=Smp_093430;gene_name=Smp_09
3430;owner=irisadmin@local.host;orig_id=Smp_093430.1;date_last_modif
ied=2022-08-17;Name=Smp_093430.1;product=GRB10-interacting GYF
protein 2;date_creation=2022-08-17
SM_V9_2 iris    exon    42463533        42464243        .       -
        .       Parent=Smp_093430.1;Name=97dad52c-0ddb-4fa6-
ad74-2aba0b271536
SM_V9_2 iris    exon    42469127        42469272        .       -
        .       Parent=Smp_093430.1;Name=1746cb87-
b458-46f4-8e7f-04abe1d81d9a
SM_V9_2 iris    exon    42472580        42472720        .       -
        .       Parent=Smp_093430.1;Name=07138cd8-941d-44d4-b4f2-
c7925228302c
SM_V9_2 iris    exon    42474855        42475181        .       -
        .       Parent=Smp_093430.1;Name=2cddc8e0-3e18-44c7-
a04b-16c5eccc1827
SM_V9_2 iris    exon    42481473        42481661        .       -
        .       Parent=Smp_093430.1;Name=f3c6f0cd-
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f69d-46be-9f8f-69044b6e3821
SM_V9_2 iris    exon    42488957        42489308        .       -
        .
Parent=Smp_093430.1;Name=ad3b7a22-53b5-4bbb-8181-46724a6ceda3
SM_V9_2 iris    exon    42494034        42494920        .       -
        .       Parent=Smp_093430.1;Name=3e173f41-5513-430c-
b42b-01586e00008b
SM_V9_2 iris    exon    42498563        42498828        .       -
        .       Parent=Smp_093430.1;Name=ab2baef4-608c-4131-
bbe5-8eefdb16d38e
SM_V9_2 iris    exon    42502461        42502842        .       -
        .
Parent=Smp_093430.1;Name=a15f9248-5d57-4327-8111-90b09ac7027a
SM_V9_2 iris    exon    42505120        42505332        .       -
        .       Parent=Smp_093430.1;Name=92ad618c-cc4b-45dc-94b4-
c31562f8c115
SM_V9_2 iris    exon    42507415        42507718        .       -
        .       Parent=Smp_093430.1;Name=0d26234d-024d-4f40-
a315-4c0b76ff8e93
SM_V9_2 iris    exon    42517686        42517752        .       -
        .       Parent=Smp_093430.1;Name=3f51346f-
ef64-465c-9f56-7cdb40235409
SM_V9_2 iris    exon    42517794        42517806        .       -
        .       Parent=Smp_093430.1;Name=34eacfb3-6171-4da0-
b5c4-4c4b4bbb0474
SM_V9_2 iris    exon    42518230        42518399        .       -
        .       Parent=Smp_093430.1;Name=2b01608d-
a4e7-4961-9589-5da03dc39552
SM_V9_2 iris    CDS     42469177        42469272        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42472580        42472720        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42474855        42475181        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42481473        42481661        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42488957        42489308        .       -
        1       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42494034        42494920        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42498563        42498828        .       -
        2       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42502461        42502842        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42505120        42505332        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42507415        42507718        .       -
        1       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42517686        42517752        .       -
        2       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42517794        42517806        .       -
        0       Parent=Smp_093430.1
SM_V9_2 iris    CDS     42518230        42518355        .       -
        0       Parent=Smp_093430.1
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SM_V9_2 iris    mRNA    42463533        42518399        .       -
       .
ID=Smp_093430.2;Parent=Smp_093430;geneID=Smp_093430;gene_name=Smp_09
3430;owner=irisadmin@local.host;date_last_modified=2022-08-17;Name=S
mp_093430.2;date_creation=2022-08-17
SM_V9_2 iris    exon    42463533        42464243        .       -
       .       Parent=Smp_093430.2;Name=34878b03-d0ec-49e3-
b516-635279355ae8
SM_V9_2 iris    exon    42469127        42469272        .       -
       .       Parent=Smp_093430.2;Name=89ff0059-d965-460d-b8de-
e219faa1ea5a
SM_V9_2 iris    exon    42472580        42472720        .       -
       .
Parent=Smp_093430.2;Name=8e09e7d8-50ce-4df7-9d2a-9a18e41048d3
SM_V9_2 iris    exon    42474855        42475181        .       -
       .       Parent=Smp_093430.2;Name=ea2722af-1244-40d2-
b224-2f49fc2da990
SM_V9_2 iris    exon    42481473        42481661        .       -
       .       Parent=Smp_093430.2;Name=59e27d2f-d13e-4f03-8383-
f92ab983a217
SM_V9_2 iris    exon    42488957        42489308        .       -
       .       Parent=Smp_093430.2;Name=02fe789c-1d27-40a8-
acbc-5f7a999ebbf3
SM_V9_2 iris    exon    42494034        42494920        .       -
       .
Parent=Smp_093430.2;Name=7b290612-3dcd-438b-9c3e-722cbc86abb7
SM_V9_2 iris    exon    42498563        42498828        .       -
       .       Parent=Smp_093430.2;Name=96a27078-14b1-4b27-88f7-
df1a700e1e67
SM_V9_2 iris    exon    42502461        42502842        .       -
       .       Parent=Smp_093430.2;Name=426cb3a7-c290-479d-9808-
de97888f79f7
SM_V9_2 iris    exon    42505120        42505332        .       -
       .       Parent=Smp_093430.2;Name=507aaa81-
a956-4076-8349-8ec470821969
SM_V9_2 iris    exon    42507415        42507718        .       -
       .
Parent=Smp_093430.2;Name=20e0bef4-4d8e-4bfd-9393-7b995cc7716e
SM_V9_2 iris    exon    42517686        42517752        .       -
       .
Parent=Smp_093430.2;Name=459a74a5-8608-4e9e-8211-873a77522ab2
SM_V9_2 iris    exon    42518230        42518399        .       -
       .       Parent=Smp_093430.2;Name=000367aa-bfdf-40df-9966-
c7d6c2a599f0
SM_V9_2 iris    CDS     42469177        42469272        .       -
       0       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42472580        42472720        .       -
       0       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42474855        42475181        .       -
       0       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42481473        42481661        .       -
       0       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42488957        42489308        .       -
       1       Parent=Smp_093430.2
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SM_V9_2 iris    CDS     42494034        42494920        .       -
        0       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42498563        42498828        .       -
        2       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42502461        42502842        .       -
        0       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42505120        42505332        .       -
        0       Parent=Smp_093430.2
SM_V9_2 iris    CDS     42507415        42507648        .       -
        0       Parent=Smp_093430.2
SM_V9_2 Liftoff gene    42523336        42529249        .       -
        .       ID=Smp_201680;geneID=Smp_201680
SM_V9_2 Liftoff mRNA    42523336        42529249        .       -
        .
ID=Smp_201680.1;Parent=Smp_201680;geneID=Smp_201680;product=Polyprot
ein P3
SM_V9_2 Liftoff exon    42523336        42529249        .       -
        .       Parent=Smp_201680.1
SM_V9_2 Liftoff CDS     42523403        42523807        .       -
        0       Parent=Smp_201680.1
SM_V9_2 iris    gene    42574006        42587700        .       -
        .
ID=Smp_333960;geneID=Smp_333960;gene_name=Smp_333960;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    42574006        42587700        .       -
        .
ID=Smp_333960.1;Parent=Smp_333960;geneID=Smp_333960;gene_name=Smp_33
3960;owner=irisadmin@local.host;orig_id=Smp_333960.1;date_last_modif
ied=2022-07-31;Name=Smp_333960.1;product=Stromal cell-derived factor
2;date_creation=2022-07-30
SM_V9_2 iris    exon    42574006        42574198        .       -
        .       Parent=Smp_333960.1;Name=d2fa4642-85ce-4d60-81dc-
a3c3b26a3a3f
SM_V9_2 iris    exon    42575835        42576042        .       -
        .       Parent=Smp_333960.1;Name=2d8e5817-2593-4e10-
b298-9752f05ff4d0
SM_V9_2 iris    exon    42579675        42579756        .       -
        .       Parent=Smp_333960.1;Name=e1977bee-425b-4f02-ad16-
bcad76f4031e
SM_V9_2 iris    exon    42582433        42582610        .       -
        .
Parent=Smp_333960.1;Name=5e26e417-4def-4245-92d2-5a6fa670c4f3
SM_V9_2 iris    exon    42587410        42587576        .       -
        .       Parent=Smp_333960.1;Name=9f59d291-19cf-440a-a0ed-
d14ccaf0b8be
SM_V9_2 iris    exon    42587614        42587700        .       -
        .       Parent=Smp_333960.1;Name=bd812e35-d8eb-46b3-9c5c-
bf88183f2b90
SM_V9_2 iris    CDS     42575874        42576042        .       -
        1       Parent=Smp_333960.1
SM_V9_2 iris    CDS     42579675        42579756        .       -
        2       Parent=Smp_333960.1
SM_V9_2 iris    CDS     42582433        42582610        .       -
        0       Parent=Smp_333960.1
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SM_V9_2 iris    CDS     42587410        42587576        .       -
        2       Parent=Smp_333960.1
SM_V9_2 iris    CDS     42587614        42587659        .       -
        0       Parent=Smp_333960.1
SM_V9_2 Liftoff gene    42597433        42597911        .       +
        .       ID=Smp_089430;geneID=Smp_089430
SM_V9_2 Liftoff mRNA    42597433        42597911        .       +
        .
ID=Smp_089430.1;Parent=Smp_089430;geneID=Smp_089430;product=Ubiquiti
n-60S ribosomal protein
L40;polypeptide_domain=InterPro:IPR000626,IPR001975,IPR019954,IPR019
956,IPR029071
Pfam:PF00240,PF01020;Ontology_term=GO:0003735,GO:0005515,GO:0005840,
GO:0006412
SM_V9_2 Liftoff exon    42597433        42597911        .       +
        .       Parent=Smp_089430.1
SM_V9_2 Liftoff CDS     42597490        42597876        .       +
        0       Parent=Smp_089430.1
SM_V9_2 Liftoff gene    42626823        42681751        .       +
        .       ID=Smp_170930;geneID=Smp_170930
SM_V9_2 Liftoff mRNA    42626823        42681751        .       +
        .
ID=Smp_170930.1;Parent=Smp_170930;geneID=Smp_170930;product=70 kDa
neurofilament
protein;polypeptide_domain=InterPro:IPR001322,IPR001664
Pfam:PF00038,PF00932;Ontology_term=GO:0005198,GO:0005882
SM_V9_2 Liftoff exon    42626823        42627112        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42647114        42647322        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42650035        42650221        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42657616        42657873        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42662201        42662326        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42664474        42664862        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42665779        42665858        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42670249        42670281        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42672194        42672309        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42678571        42678678        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42680639        42680755        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff exon    42681258        42681751        .       +
        .       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42626939        42627112        .       +
        0       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42647114        42647322        .       +
        0       Parent=Smp_170930.1
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SM_V9_2 Liftoff CDS     42650035        42650221        .       +
        1       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42657616        42657873        .       +
        0       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42662201        42662326        .       +
        0       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42664474        42664862        .       +
        0       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42665779        42665858        .       +
        1       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42670249        42670281        .       +
        2       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42672194        42672309        .       +
        2       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42678571        42678678        .       +
        0       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42680639        42680755        .       +
        0       Parent=Smp_170930.1
SM_V9_2 Liftoff CDS     42681258        42681290        .       +
        0       Parent=Smp_170930.1
SM_V9_2 iris    gene    42685542        42706939        .       -
        .
ID=Smp_170940;geneID=Smp_170940;gene_name=Smp_170940;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    42685542        42706939        .       -
        .
ID=Smp_170940.1;Parent=Smp_170940;geneID=Smp_170940;gene_name=Smp_17
0940;owner=irisadmin@local.host;orig_id=Smp_170940.1;date_last_modif
ied=2022-08-17;Name=Smp_170940.1;product=Mucin-5AC;date_creation=202
2-08-17
SM_V9_2 iris    exon    42685542        42685964        .       -
        .       Parent=Smp_170940.1;Name=f66b742c-18f2-4918-
a590-8e2a20309d92
SM_V9_2 iris    exon    42687984        42688265        .       -
        .       Parent=Smp_170940.1;Name=2dbfb4a1-3152-4755-8523-
af128e495522
SM_V9_2 iris    exon    42691710        42691910        .       -
        .       Parent=Smp_170940.1;Name=d7727710-5995-4788-b0c5-
b9520151cc9e
SM_V9_2 iris    exon    42695057        42695833        .       -
        .       Parent=Smp_170940.1;Name=fa9dd7fe-
d600-40ba-8588-8c5cd4541b1e
SM_V9_2 iris    exon    42700511        42700714        .       -
        .
Parent=Smp_170940.1;Name=8d6384b9-7b2e-4b15-92fd-32f8b022ea08
SM_V9_2 iris    exon    42702520        42702579        .       -
        .       Parent=Smp_170940.1;Name=63264c51-7357-45fe-ada1-
d4b714169b2f
SM_V9_2 iris    exon    42702627        42702797        .       -
        .       Parent=Smp_170940.1;Name=e010199a-febb-4b7e-
bf9f-0905a16e8f96
SM_V9_2 iris    exon    42706889        42706939        .       -
        .       Parent=Smp_170940.1;Name=a78124f2-cc77-400d-
afcf-049085c22403
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SM_V9_2 iris    CDS     42685935        42685964        .       -
        0       Parent=Smp_170940.1
SM_V9_2 iris    CDS     42687984        42688265        .       -
        0       Parent=Smp_170940.1
SM_V9_2 iris    CDS     42691710        42691910        .       -
        0       Parent=Smp_170940.1
SM_V9_2 iris    CDS     42695057        42695833        .       -
        0       Parent=Smp_170940.1
SM_V9_2 iris    CDS     42700511        42700714        .       -
        0       Parent=Smp_170940.1
SM_V9_2 iris    CDS     42702520        42702579        .       -
        0       Parent=Smp_170940.1
SM_V9_2 iris    CDS     42702627        42702689        .       -
        0       Parent=Smp_170940.1
SM_V9_2 iris    gene    42715693        42793722        .       +
        .
ID=Smp_089460;geneID=Smp_089460;gene_name=Smp_089460;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    42715693        42793722        .       +
        .
ID=Smp_089460.1;Parent=Smp_089460;geneID=Smp_089460;gene_name=Smp_08
9460;owner=irisadmin@local.host;orig_id=Smp_089460.1;date_last_modif
ied=2022-08-17;Name=Smp_089460.1;product=Calpain-
B;date_creation=2022-08-17
SM_V9_2 iris    exon    42715693        42715911        .       +
        .       Parent=Smp_089460.1;Name=9b4709f4-3a03-4546-84f0-
ac32f037e64a
SM_V9_2 iris    exon    42718375        42718707        .       +
        .       Parent=Smp_089460.1;Name=a97c1c02-d0ef-4d49-af70-
ff4cd6e677ce
SM_V9_2 iris    exon    42733142        42733211        .       +
        .       Parent=Smp_089460.1;Name=5ef0d8d5-577b-492b-a81f-
f70347e7b145
SM_V9_2 iris    exon    42740592        42740844        .       +
        .       Parent=Smp_089460.1;Name=e59b37f4-626a-4b94-b882-
b72240a7c25d
SM_V9_2 iris    exon    42742758        42743010        .       +
        .       Parent=Smp_089460.1;Name=23ef0cbe-07d4-47ad-bebf-
f725eaa43044
SM_V9_2 iris    exon    42748031        42748209        .       +
        .       Parent=Smp_089460.1;Name=a6d574e6-34ac-45b1-b73d-
d34cfc035125
SM_V9_2 iris    exon    42750175        42750338        .       +
        .       Parent=Smp_089460.1;Name=d24842c0-b9d8-490f-
b25d-6903bdd9b476
SM_V9_2 iris    exon    42752879        42753042        .       +
        .
Parent=Smp_089460.1;Name=a36ef5fc-31b5-46d1-9df2-4e7be59b5063
SM_V9_2 iris    exon    42758585        42758796        .       +
        .       Parent=Smp_089460.1;Name=ebdf393c-cc21-4c5f-
bf29-09860954a23a
SM_V9_2 iris    exon    42760662        42760698        .       +
        .
Parent=Smp_089460.1;Name=de5cccba-380f-4b01-9978-9d7805840216
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SM_V9_2 iris    exon    42765164        42765181        .       +
        .       Parent=Smp_089460.1;Name=4f06dd98-0151-4184-94ba-
ee737c0e9fc2
SM_V9_2 iris    exon    42770694        42770823        .       +
        .
Parent=Smp_089460.1;Name=e567d37d-08eb-4c2f-9dce-414f2dc71cd9
SM_V9_2 iris    exon    42779522        42779580        .       +
        .       Parent=Smp_089460.1;Name=8e41e9dd-bb15-469a-8152-
c50abe49291a
SM_V9_2 iris    exon    42780643        42780711        .       +
        .       Parent=Smp_089460.1;Name=45b2d2a8-abd4-41b2-
b2c2-846bd4a13de4
SM_V9_2 iris    exon    42783217        42783295        .       +
        .       Parent=Smp_089460.1;Name=377e994c-a9a9-490c-
a58b-42b10676d2e4
SM_V9_2 iris    exon    42790928        42791103        .       +
        .       Parent=Smp_089460.1;Name=030ddc63-db2e-44b9-91d9-
aff1bd342d72
SM_V9_2 iris    exon    42792861        42793722        .       +
        .       Parent=Smp_089460.1;Name=16b776a8-6c27-4b97-
a09e-4b4e1c80e6a8
SM_V9_2 iris    CDS     42715795        42715911        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42718375        42718707        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42733142        42733211        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42740592        42740844        .       +
        2       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42742758        42743010        .       +
        1       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42748031        42748209        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42750175        42750338        .       +
        1       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42752879        42753042        .       +
        2       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42758585        42758796        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42760662        42760698        .       +
        1       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42765164        42765181        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42770694        42770823        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42779522        42779580        .       +
        2       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42780643        42780711        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42783217        42783295        .       +
        0       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42790928        42791103        .       +
        2       Parent=Smp_089460.1
SM_V9_2 iris    CDS     42792861        42792887        .       +
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        0       Parent=Smp_089460.1
SM_V9_2 Liftoff gene    42799058        42810477        .       +
        .
ID=Smp_341490;geneID=Smp_341490;previous_systematic_id=Smp_089470
SM_V9_2 Liftoff mRNA    42799058        42810477        .       +
        .
ID=Smp_341490.1;Parent=Smp_341490;geneID=Smp_341490;product=Cation
channel sperm-associated protein 2
SM_V9_2 Liftoff exon    42799058        42805526        .       +
        .       Parent=Smp_341490.1
SM_V9_2 Liftoff exon    42805641        42805679        .       +
        .       Parent=Smp_341490.1
SM_V9_2 Liftoff exon    42806386        42806607        .       +
        .       Parent=Smp_341490.1
SM_V9_2 Liftoff exon    42808976        42810477        .       +
        .       Parent=Smp_341490.1
SM_V9_2 Liftoff CDS     42805517        42805526        .       +
        0       Parent=Smp_341490.1
SM_V9_2 Liftoff CDS     42805641        42805679        .       +
        2       Parent=Smp_341490.1
SM_V9_2 Liftoff CDS     42806386        42806607        .       +
        2       Parent=Smp_341490.1
SM_V9_2 Liftoff CDS     42808976        42809001        .       +
        2       Parent=Smp_341490.1
SM_V9_2 iris    gene    42823501        42831967        .       +
        .
ID=Smp_170950;geneID=Smp_170950;gene_name=Smp_170950;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_2 iris    mRNA    42823501        42831967        .       +
        .
ID=Smp_170950.1;Parent=Smp_170950;geneID=Smp_170950;gene_name=Smp_17
0950;owner=irisadmin@local.host;orig_id=Smp_170950.1;date_last_modif
ied=2022-08-13;Name=Smp_170950.1;product=Putative transferase CAF17
homolog, mitochondrial;date_creation=2022-08-13
SM_V9_2 iris    exon    42823501        42823733        .       +
        .       Parent=Smp_170950.1;Name=6ff694eb-fefb-4758-
b2ee-3825082e215e
SM_V9_2 iris    exon    42823792        42823929        .       +
        .
Parent=Smp_170950.1;Name=ae01a828-628a-4f4c-84d1-2199d779f6ad
SM_V9_2 iris    exon    42825103        42825307        .       +
        .       Parent=Smp_170950.1;Name=70d0b75c-09c3-4029-
b188-50ed9b1be64a
SM_V9_2 iris    exon    42826721        42827015        .       +
        .       Parent=Smp_170950.1;Name=0dd0190f-c1c4-47e1-817a-
b6055270fb55
SM_V9_2 iris    exon    42831547        42831967        .       +
        .       Parent=Smp_170950.1;Name=90718136-
afc6-4fd5-8d1d-0e1e6dbc1782
SM_V9_2 iris    CDS     42823530        42823733        .       +
        0       Parent=Smp_170950.1
SM_V9_2 iris    CDS     42823792        42823929        .       +
        0       Parent=Smp_170950.1
SM_V9_2 iris    CDS     42825103        42825307        .       +
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        0       Parent=Smp_170950.1
SM_V9_2 iris    CDS     42826721        42827015        .       +
        2       Parent=Smp_170950.1
SM_V9_2 iris    CDS     42831547        42831895        .       +
        1       Parent=Smp_170950.1
SM_V9_2 iris    gene    42835259        42877600        .       -
        .
ID=Smp_346000;geneID=Smp_346000;gene_name=Smp_346000;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_2 iris    mRNA    42835259        42877600        .       -
        .
ID=Smp_346000.1;Parent=Smp_346000;geneID=Smp_346000;gene_name=Smp_34
6000;owner=irisadmin@local.host;orig_id=Smp_346000.1;date_last_modif
ied=2022-08-13;Name=Smp_346000.1;product=Hypothetical
protein;date_creation=2022-08-13
SM_V9_2 iris    exon    42835259        42835615        .       -
        .       Parent=Smp_346000.1;Name=785f79a6-f340-44a6-b66d-
cf06560f85c0
SM_V9_2 iris    exon    42837665        42838373        .       -
        .       Parent=Smp_346000.1;Name=a344c67e-5692-412a-
a8bd-0ef399cd9074
SM_V9_2 iris    exon    42844259        42844841        .       -
        .       Parent=Smp_346000.1;Name=bb60441f-b0c5-405b-
b3c7-25740e9292c7
SM_V9_2 iris    exon    42847035        42847522        .       -
        .
Parent=Smp_346000.1;Name=5ace5556-851c-4c9a-85b9-0c5b07bc22d4
SM_V9_2 iris    exon    42849856        42849938        .       -
        .
Parent=Smp_346000.1;Name=9a097a55-4e60-443f-81fc-714690cad261
SM_V9_2 iris    exon    42852706        42853378        .       -
        .       Parent=Smp_346000.1;Name=160e647b-879e-4038-
a721-95a060b81942
SM_V9_2 iris    exon    42861972        42862390        .       -
        .
Parent=Smp_346000.1;Name=8c02b19f-21ca-47b1-88c6-64231a594d83
SM_V9_2 iris    exon    42864676        42865674        .       -
        .       Parent=Smp_346000.1;Name=446e2601-c24d-4d53-92e9-
f3f8cb443c82
SM_V9_2 iris    exon    42877486        42877600        .       -
        .       Parent=Smp_346000.1;Name=3f72a8bb-3810-435c-88f9-
a0399a2f158f
SM_V9_2 iris    CDS     42835611        42835615        .       -
        2       Parent=Smp_346000.1
SM_V9_2 iris    CDS     42837665        42838373        .       -
        0       Parent=Smp_346000.1
SM_V9_2 iris    CDS     42844259        42844841        .       -
        1       Parent=Smp_346000.1
SM_V9_2 iris    CDS     42847035        42847522        .       -
        0       Parent=Smp_346000.1
SM_V9_2 iris    CDS     42849856        42849938        .       -
        2       Parent=Smp_346000.1
SM_V9_2 iris    CDS     42852706        42853378        .       -
        0       Parent=Smp_346000.1
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SM_V9_2 iris    CDS     42861972        42862390        .       -
        2       Parent=Smp_346000.1
SM_V9_2 iris    CDS     42864676        42865492        .       -
        0       Parent=Smp_346000.1
SM_V9_2 Liftoff gene    42887195        42908010        .       -
        .       ID=Smp_170980;geneID=Smp_170980
SM_V9_2 Liftoff mRNA    42887195        42908010        .       -
        .
ID=Smp_170980.1;Parent=Smp_170980;geneID=Smp_170980;product=Protein
slit;polypeptide_domain=InterPro:IPR000742,IPR000884,IPR013032
SM_V9_2 Liftoff exon    42887195        42887326        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff exon    42890023        42890139        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff exon    42891780        42892009        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff exon    42894089        42894425        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff exon    42896986        42897213        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff exon    42899304        42899456        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff exon    42901947        42902203        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff exon    42907695        42908010        .       -
        .       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42887321        42887326        .       -
        0       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42890023        42890139        .       -
        0       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42891780        42892009        .       -
        2       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42894089        42894425        .       -
        0       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42896986        42897213        .       -
        0       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42899304        42899456        .       -
        0       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42901947        42902203        .       -
        2       Parent=Smp_170980.1
SM_V9_2 Liftoff CDS     42907695        42907950        .       -
        0       Parent=Smp_170980.1
SM_V9_2 Liftoff gene    42919049        42978753        .       +
        .
ID=Smp_246050;geneID=Smp_246050;previous_systematic_id=Smp_170990
SM_V9_2 Liftoff mRNA    42919049        42978753        .       +
        .
ID=Smp_246050.1;Parent=Smp_246050;geneID=Smp_246050;product=vinculin
;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR000633,IPR006077
Pfam:PF01044;Ontology_term=GO:0005198,GO:0007155,GO:0015629,GO:00510
15
SM_V9_2 Liftoff exon    42919049        42919669        .       +
        .       Parent=Smp_246050.1
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SM_V9_2 Liftoff exon    42919703        42919871        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42920436        42920644        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42922213        42922383        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42938251        42938674        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42940572        42940789        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42943494        42943806        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42954979        42955182        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42961985        42962350        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42963697        42964107        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42965451        42965635        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42967663        42967778        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42968739        42968862        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42972804        42972894        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42974573        42974617        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff exon    42977414        42978753        .       +
        .       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42919565        42919669        .       +
        0       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42919703        42919871        .       +
        0       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42920436        42920644        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42922213        42922383        .       +
        0       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42938251        42938674        .       +
        0       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42940572        42940789        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42943494        42943806        .       +
        0       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42954979        42955182        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42961985        42962350        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42963697        42964107        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42965451        42965635        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42967663        42967778        .       +
        0       Parent=Smp_246050.1
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SM_V9_2 Liftoff CDS     42968739        42968862        .       +
        1       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42972804        42972894        .       +
        0       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42974573        42974617        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff CDS     42977414        42977628        .       +
        2       Parent=Smp_246050.1
SM_V9_2 Liftoff mRNA    42919049        42978753        .       +
        .
ID=Smp_246050.2;Parent=Smp_246050;geneID=Smp_246050;product=Vinculin
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Pfam:PF01044;Ontology_term=GO:0005198,GO:0007155,GO:0015629,GO:00510
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SM_V9_2 Liftoff exon    42919049        42919669        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42919703        42919871        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42920436        42920644        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42922213        42922383        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42938251        42938674        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42940572        42940789        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42943494        42943806        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42954979        42955176        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42961985        42962350        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42963697        42964107        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42965451        42965635        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42967663        42967778        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42968739        42968862        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42972804        42972894        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42974573        42974617        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff exon    42977414        42978753        .       +
        .       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42919565        42919669        .       +
        0       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42919703        42919871        .       +
        0       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42920436        42920644        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42922213        42922383        .       +
        0       Parent=Smp_246050.2
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SM_V9_2 Liftoff CDS     42938251        42938674        .       +
        0       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42940572        42940789        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42943494        42943806        .       +
        0       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42954979        42955176        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42961985        42962350        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42963697        42964107        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42965451        42965635        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42967663        42967778        .       +
        0       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42968739        42968862        .       +
        1       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42972804        42972894        .       +
        0       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42974573        42974617        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff CDS     42977414        42977628        .       +
        2       Parent=Smp_246050.2
SM_V9_2 Liftoff mRNA    42919049        42978753        .       +
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ID=Smp_246050.3;Parent=Smp_246050;geneID=Smp_246050;product=Vinculin
;polypeptide_domain=InterPro:IPR000633,IPR006077
Pfam:PF01044;Ontology_term=GO:0005198,GO:0007155,GO:0015629,GO:00510
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SM_V9_2 Liftoff exon    42919049        42919669        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42919703        42919871        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42920436        42920644        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42922213        42922383        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42938251        42938674        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42940572        42940789        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42943494        42943806        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42954979        42955176        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42961985        42962350        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42963697        42964107        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42965451        42965635        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42967663        42967778        .       +
        .       Parent=Smp_246050.3
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SM_V9_2 Liftoff exon    42968739        42968862        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42972804        42972894        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff exon    42977414        42978753        .       +
        .       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42919565        42919669        .       +
        0       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42919703        42919871        .       +
        0       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42920436        42920644        .       +
        2       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42922213        42922383        .       +
        0       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42938251        42938674        .       +
        0       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42940572        42940789        .       +
        2       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42943494        42943806        .       +
        0       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42954979        42955176        .       +
        2       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42961985        42962350        .       +
        2       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42963697        42964107        .       +
        2       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42965451        42965635        .       +
        2       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42967663        42967778        .       +
        0       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42968739        42968862        .       +
        1       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42972804        42972894        .       +
        0       Parent=Smp_246050.3
SM_V9_2 Liftoff CDS     42977414        42977628        .       +
        2       Parent=Smp_246050.3
SM_V9_2 Liftoff mRNA    42919049        42978753        .       +
        .
ID=Smp_246050.4;Parent=Smp_246050;geneID=Smp_246050;product=Vinculin
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Pfam:PF01044;Ontology_term=GO:0005198,GO:0007155,GO:0015629,GO:00510
15
SM_V9_2 Liftoff exon    42919049        42919669        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42919703        42919871        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42920436        42920644        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42922213        42922383        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42938251        42938674        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42940572        42940789        .       +
        .       Parent=Smp_246050.4
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SM_V9_2 Liftoff exon    42943494        42943806        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42954979        42955176        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42961985        42962350        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42965451        42965635        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42967663        42967778        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42968739        42968862        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42972804        42972894        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42974573        42974617        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff exon    42977414        42978753        .       +
        .       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42919565        42919669        .       +
        0       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42919703        42919871        .       +
        0       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42920436        42920644        .       +
        2       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42922213        42922383        .       +
        0       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42938251        42938674        .       +
        0       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42940572        42940789        .       +
        2       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42943494        42943806        .       +
        0       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42954979        42955176        .       +
        2       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42961985        42962350        .       +
        2       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42965451        42965635        .       +
        2       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42967663        42967778        .       +
        0       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42968739        42968862        .       +
        1       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42972804        42972894        .       +
        0       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42974573        42974617        .       +
        2       Parent=Smp_246050.4
SM_V9_2 Liftoff CDS     42977414        42977628        .       +
        2       Parent=Smp_246050.4
SM_V9_2 Liftoff mRNA    42919049        42978753        .       +
        .
ID=Smp_246050.5;Parent=Smp_246050;geneID=Smp_246050;product=Vinculin
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Pfam:PF01044;Ontology_term=GO:0005198,GO:0007155,GO:0015629,GO:00510
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SM_V9_2 Liftoff exon    42919049        42919669        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42919703        42919871        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42920436        42920644        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42922213        42922383        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42938251        42938674        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42940575        42940789        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42943494        42943806        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42954979        42955176        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42961985        42962350        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42963697        42964107        .       +
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SM_V9_2 Liftoff exon    42965451        42965635        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42967663        42967778        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42968739        42968862        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff exon    42972804        42972894        .       +
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SM_V9_2 Liftoff exon    42974573        42974617        .       +
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SM_V9_2 Liftoff exon    42977414        42978753        .       +
        .       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42919565        42919669        .       +
        0       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42919703        42919871        .       +
        0       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42920436        42920644        .       +
        2       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42922213        42922383        .       +
        0       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42938251        42938674        .       +
        0       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42940575        42940789        .       +
        2       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42943494        42943806        .       +
        0       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42954979        42955176        .       +
        2       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42961985        42962350        .       +
        2       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42963697        42964107        .       +
        2       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42965451        42965635        .       +
        2       Parent=Smp_246050.5
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SM_V9_2 Liftoff CDS     42967663        42967778        .       +
        0       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42968739        42968862        .       +
        1       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42972804        42972894        .       +
        0       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42974573        42974617        .       +
        2       Parent=Smp_246050.5
SM_V9_2 Liftoff CDS     42977414        42977628        .       +
        2       Parent=Smp_246050.5
SM_V9_2 iris    gene    42984686        43005561        .       +
        .
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@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    42984686        43005561        .       +
        .
ID=Smp_246060.1;Parent=Smp_246060;geneID=Smp_246060;gene_name=Smp_24
6060;owner=irisadmin@local.host;orig_id=Smp_246060.1;date_last_modif
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complex-binding protein;date_creation=2022-08-17
SM_V9_2 iris    exon    42984686        42984740        .       +
        .       Parent=Smp_246060.1;Name=c0284fe5-a7eb-4079-90d4-
ae3fafc625b6
SM_V9_2 iris    exon    42984938        42985074        .       +
        .       Parent=Smp_246060.1;Name=8f016e7a-00f4-47bf-b3d3-
d7250b543d48
SM_V9_2 iris    exon    42985119        42985192        .       +
        .
Parent=Smp_246060.1;Name=11e4f549-26f5-4625-9873-1abde1571792
SM_V9_2 iris    exon    42985228        42985401        .       +
        .       Parent=Smp_246060.1;Name=dba2b105-297c-4c4c-
a36f-94a2bbd8ee35
SM_V9_2 iris    exon    42987137        42987232        .       +
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ab93-9b2411da708f
SM_V9_2 iris    exon    42988189        42988294        .       +
        .       Parent=Smp_246060.1;Name=005168f7-62a2-4e69-
af32-92c0f2e8e7d4
SM_V9_2 iris    exon    42988356        42988450        .       +
        .       Parent=Smp_246060.1;Name=cb226c5e-7120-4abe-
a55b-3683c5ff68dd
SM_V9_2 iris    exon    42990282        42990495        .       +
        .       Parent=Smp_246060.1;Name=d7963162-66b6-483f-
a449-664c802bcbc3
SM_V9_2 iris    exon    42990534        42990654        .       +
        .       Parent=Smp_246060.1;Name=8b234ed9-a4fc-4de4-b3f7-
c18ecdcdada9
SM_V9_2 iris    exon    42993285        42993579        .       +
        .       Parent=Smp_246060.1;Name=78f97b8e-95ae-415b-
a32a-5a52eb321dfe
SM_V9_2 iris    exon    42995475        42995657        .       +
        .       Parent=Smp_246060.1;Name=f3ec516f-dfe9-489a-
a417-6df82e81a1a1
SM_V9_2 iris    exon    43002040        43002198        .       +
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        .       Parent=Smp_246060.1;Name=86b0562a-2fd1-49b7-
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SM_V9_2 iris    exon    43004020        43004108        .       +
        .       Parent=Smp_246060.1;Name=0e36e4ee-deb6-4e9a-
a255-23a0c19ceb3b
SM_V9_2 iris    exon    43005364        43005561        .       +
        .       Parent=Smp_246060.1;Name=d8efee10-d5e6-449e-baeb-
d2b636066bd5
SM_V9_2 iris    CDS     42985020        42985074        .       +
        0       Parent=Smp_246060.1
SM_V9_2 iris    CDS     42985119        42985192        .       +
        2       Parent=Smp_246060.1
SM_V9_2 iris    CDS     42985228        42985401        .       +
        0       Parent=Smp_246060.1
SM_V9_2 iris    CDS     42987137        42987232        .       +
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SM_V9_2 iris    CDS     42988189        42988294        .       +
        0       Parent=Smp_246060.1
SM_V9_2 iris    CDS     42988356        42988450        .       +
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SM_V9_2 iris    CDS     42990282        42990495        .       +
        0       Parent=Smp_246060.1
SM_V9_2 iris    CDS     42990534        42990654        .       +
        2       Parent=Smp_246060.1
SM_V9_2 iris    CDS     42993285        42993579        .       +
        1       Parent=Smp_246060.1
SM_V9_2 iris    CDS     42995475        42995657        .       +
        0       Parent=Smp_246060.1
SM_V9_2 iris    CDS     43002040        43002198        .       +
        0       Parent=Smp_246060.1
SM_V9_2 iris    CDS     43004020        43004108        .       +
        0       Parent=Smp_246060.1
SM_V9_2 iris    CDS     43005364        43005481        .       +
        1       Parent=Smp_246060.1
SM_V9_2 Liftoff gene    43007973        43012910        .       -
        .       ID=Smp_171000;geneID=Smp_171000
SM_V9_2 Liftoff mRNA    43007973        43012910        .       -
        .
ID=Smp_171000.1;Parent=Smp_171000;geneID=Smp_171000;product=CUB and
zona pellucida-like domain-containing protein 1
SM_V9_2 Liftoff exon    43007973        43008109        .       -
        .       Parent=Smp_171000.1
SM_V9_2 Liftoff exon    43009393        43009620        .       -
        .       Parent=Smp_171000.1
SM_V9_2 Liftoff exon    43011852        43012910        .       -
        .       Parent=Smp_171000.1
SM_V9_2 Liftoff CDS     43008002        43008109        .       -
        0       Parent=Smp_171000.1
SM_V9_2 Liftoff CDS     43009393        43009620        .       -
        0       Parent=Smp_171000.1
SM_V9_2 Liftoff CDS     43011852        43012172        .       -
        0       Parent=Smp_171000.1
SM_V9_2 Liftoff gene    43018981        43037050        .       -
        .
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ID=Smp_333970;geneID=Smp_333970;previous_systematic_id=Smp_006990,Sm
p_089550
SM_V9_2 Liftoff mRNA    43018981        43037050        .       -
       .
ID=Smp_333970.1;Parent=Smp_333970;geneID=Smp_333970;product=Eukaryot
ic translation initiation factor
5B;polypeptide_domain=InterPro:IPR000795,IPR005225,IPR009000,IPR0231
15,IPR027417
Pfam:PF00009,PF11987;Ontology_term=GO:0003924,GO:0005525
SM_V9_2 Liftoff exon    43018981        43019520        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43019708        43020076        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43020136        43020143        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43022801        43022978        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43026672        43026803        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43030155        43030448        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43032834        43033040        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43035537        43035786        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43035825        43036111        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff exon    43036147        43037050        .       -
       .       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43019413        43019520        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43019708        43020076        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43020136        43020143        .       -
       2       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43022801        43022978        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43026672        43026803        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43030155        43030448        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43032834        43033040        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43035537        43035786        .       -
       1       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43035825        43036111        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff CDS     43036147        43036914        .       -
       0       Parent=Smp_333970.1
SM_V9_2 Liftoff gene    43054014        43059968        .       +
       .       ID=Smp_007000;geneID=Smp_007000
SM_V9_2 Liftoff mRNA    43054014        43059968        .       +
       .
ID=Smp_007000.1;Parent=Smp_007000;geneID=Smp_007000;product=DNA
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replication complex GINS protein
PSF1;polypeptide_domain=InterPro:IPR005339,IPR021151
Pfam:PF05916;Ontology_term=GO:0000811,GO:0006260
SM_V9_2 Liftoff exon    43054014        43056689        .       +
        .       Parent=Smp_007000.1
SM_V9_2 Liftoff exon    43059598        43059968        .       +
        .       Parent=Smp_007000.1
SM_V9_2 Liftoff CDS     43056353        43056689        .       +
        0       Parent=Smp_007000.1
SM_V9_2 Liftoff CDS     43059598        43059899        .       +
        2       Parent=Smp_007000.1
SM_V9_2 iris    gene    43063707        43179240        .       -
        .
ID=Smp_212600;geneID=Smp_212600;gene_name=Smp_212600;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43063707        43179240        .       -
        .
ID=Smp_212600.1;Parent=Smp_212600;geneID=Smp_212600;gene_name=Smp_21
2600;owner=irisadmin@local.host;orig_id=Smp_212600.1;date_last_modif
ied=2022-07-31;Name=Smp_212600.1;product=Mitogen-activated protein
kinase kinase kinase kinase 5;date_creation=2022-07-30
SM_V9_2 iris    exon    43063707        43066380        .       -
        .       Parent=Smp_212600.1;Name=f374f4f0-0e3d-4637-aac0-
bc184931bfa2
SM_V9_2 iris    exon    43067532        43067587        .       -
        .       Parent=Smp_212600.1;Name=cab96c69-d919-416d-b6b9-
d72a5bab9554
SM_V9_2 iris    exon    43069543        43069610        .       -
        .       Parent=Smp_212600.1;Name=8e0c220f-1154-491e-
bc37-7d8352324260
SM_V9_2 iris    exon    43072762        43072857        .       -
        .       Parent=Smp_212600.1;Name=c957176b-92ed-49ac-8532-
f4424870afe7
SM_V9_2 iris    exon    43074796        43074864        .       -
        .       Parent=Smp_212600.1;Name=702266d2-0d5c-4914-
bc66-54cbda4828ab
SM_V9_2 iris    exon    43077403        43077904        .       -
        .       Parent=Smp_212600.1;Name=485d3975-77a4-4f22-ab1c-
aad989299032
SM_V9_2 iris    exon    43080503        43080668        .       -
        .       Parent=Smp_212600.1;Name=30df98fa-a55b-4b45-
a32a-8120edb1169e
SM_V9_2 iris    exon    43084093        43084334        .       -
        .       Parent=Smp_212600.1;Name=d2ed36e9-211e-470c-96ac-
e450beb1bf78
SM_V9_2 iris    exon    43086122        43086201        .       -
        .       Parent=Smp_212600.1;Name=52104798-da20-490d-
aec4-36c947009a24
SM_V9_2 iris    exon    43089789        43089873        .       -
        .       Parent=Smp_212600.1;Name=41d57dc3-5388-4601-b0ce-
bb8361862db7
SM_V9_2 iris    exon    43092079        43093107        .       -
        .       Parent=Smp_212600.1;Name=02de2d75-
dc77-46ff-9ef0-582aeae5b78b
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SM_V9_2 iris    exon    43095205        43095660        .       -
        .       Parent=Smp_212600.1;Name=b09ee4f3-0af4-4c6a-
bd0c-08c3278bc3f1
SM_V9_2 iris    exon    43098210        43098747        .       -
        .       Parent=Smp_212600.1;Name=cc28f0bf-da3f-416b-
a0c7-4bccfecca1b6
SM_V9_2 iris    exon    43101062        43101154        .       -
        .
Parent=Smp_212600.1;Name=957858e9-9f67-4539-8b43-59aae753a168
SM_V9_2 iris    exon    43107087        43107096        .       -
        .       Parent=Smp_212600.1;Name=92d505da-fde4-4597-8d14-
f7477ff372f1
SM_V9_2 iris    exon    43111716        43112080        .       -
        .       Parent=Smp_212600.1;Name=0ce6c8f6-7dc2-4c07-
b53e-12d48eae3189
SM_V9_2 iris    exon    43113853        43113968        .       -
        .       Parent=Smp_212600.1;Name=b957c5df-ad09-42aa-9e72-
e89a4acbd7c5
SM_V9_2 iris    exon    43115495        43116142        .       -
        .       Parent=Smp_212600.1;Name=6a11f777-84bb-4bb5-adfc-
ff67b9c51f6c
SM_V9_2 iris    exon    43131179        43132342        .       -
        .       Parent=Smp_212600.1;Name=20b57506-
fe81-453f-9a27-4b380f36a700
SM_V9_2 iris    exon    43140692        43140718        .       -
        .
Parent=Smp_212600.1;Name=8d15a7df-19dd-4d3d-92dc-5974b293b80a
SM_V9_2 iris    exon    43142485        43142763        .       -
        .       Parent=Smp_212600.1;Name=02bd16d0-d02c-44cc-a791-
db724855a759
SM_V9_2 iris    exon    43143858        43143939        .       -
        .       Parent=Smp_212600.1;Name=0f4fbca6-
ca92-4921-8980-9c8531356251
SM_V9_2 iris    exon    43159861        43159923        .       -
        .       Parent=Smp_212600.1;Name=0a48a23d-bc93-4aad-
a5cd-7b222fe8ed22
SM_V9_2 iris    exon    43170701        43170832        .       -
        .       Parent=Smp_212600.1;Name=695c4a87-e0b1-4ba4-
b17e-5b797ad2474e
SM_V9_2 iris    exon    43176992        43177064        .       -
        .       Parent=Smp_212600.1;Name=29e655a2-a767-4796-9d03-
c8341fe277df
SM_V9_2 iris    exon    43178071        43178113        .       -
        .
Parent=Smp_212600.1;Name=d5c075c5-795f-48d6-9ecd-5dbd6dee59d9
SM_V9_2 iris    exon    43178617        43178723        .       -
        .       Parent=Smp_212600.1;Name=8f54eb0a-3dce-42cf-
bcad-5764f693afce
SM_V9_2 iris    exon    43178762        43179005        .       -
        .
Parent=Smp_212600.1;Name=a81bf985-594a-4cfb-9cf6-6b032f4adfe5
SM_V9_2 iris    exon    43179041        43179240        .       -
        .       Parent=Smp_212600.1;Name=20ab2c28-23a3-448f-bab6-
c28ddb85463d
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SM_V9_2 iris    CDS     43066293        43066380        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43067532        43067587        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43069543        43069610        .       -
        2       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43072762        43072857        .       -
        2       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43074796        43074864        .       -
        2       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43077403        43077904        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43080503        43080668        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43084093        43084334        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43086122        43086201        .       -
        2       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43089789        43089873        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43092079        43093107        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43095205        43095660        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43098210        43098747        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43101062        43101154        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43107087        43107096        .       -
        2       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43111716        43112080        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43113853        43113968        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43115495        43116142        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43131179        43132342        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43140692        43140718        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43142485        43142763        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43143858        43143939        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43159861        43159923        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43170701        43170832        .       -
        1       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43176992        43177064        .       -
        2       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43178071        43178113        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43178617        43178723        .       -
        2       Parent=Smp_212600.1
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SM_V9_2 iris    CDS     43178762        43179005        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    CDS     43179041        43179172        .       -
        0       Parent=Smp_212600.1
SM_V9_2 iris    gene    43197072        43198700        .       -
        .
ID=Smp_201670;geneID=Smp_201670;gene_name=Smp_201670;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43197072        43198700        .       -
        .
ID=Smp_201670.1;Parent=Smp_201670;geneID=Smp_201670;gene_name=Smp_20
1670;owner=irisadmin@local.host;orig_id=Smp_201670.1;date_last_modif
ied=2022-07-31;Name=Smp_201670.1;product=Chaperone protein
DnaJ;date_creation=2022-07-30
SM_V9_2 iris    exon    43197072        43198700        .       -
        .       Parent=Smp_201670.1;Name=f0b3c118-e09f-42aa-
b4a7-8eb6bf2d865e
SM_V9_2 iris    CDS     43197882        43198178        .       -
        0       Parent=Smp_201670.1
SM_V9_2 Liftoff gene    43227159        43229233        .       -
        .       ID=Smp_328670;geneID=Smp_328670
SM_V9_2 Liftoff mRNA    43227159        43229233        .       -
        .
ID=Smp_328670.1;Parent=Smp_328670;geneID=Smp_328670;product=Uncharac
terized protein R06F6.7
SM_V9_2 Liftoff exon    43227159        43227349        .       -
        .       Parent=Smp_328670.1
SM_V9_2 Liftoff exon    43227707        43227742        .       -
        .       Parent=Smp_328670.1
SM_V9_2 Liftoff exon    43229123        43229233        .       -
        .       Parent=Smp_328670.1
SM_V9_2 Liftoff CDS     43227339        43227349        .       -
        2       Parent=Smp_328670.1
SM_V9_2 Liftoff CDS     43227707        43227742        .       -
        2       Parent=Smp_328670.1
SM_V9_2 Liftoff CDS     43229123        43229195        .       -
        0       Parent=Smp_328670.1
SM_V9_2 iris    gene    43327495        43347904        .       -
        .
ID=Smp_335380;geneID=Smp_335380;gene_name=Smp_335380;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43327495        43347904        .       -
        .
ID=Smp_335380.1;Parent=Smp_335380;geneID=Smp_335380;gene_name=Smp_33
5380;owner=irisadmin@local.host;orig_id=Smp_335380.1;date_last_modif
ied=2022-07-31;Name=Smp_335380.1;product=Frataxin,
mitochondrial;date_creation=2022-07-30
SM_V9_2 iris    exon    43327495        43327640        .       -
        .       Parent=Smp_335380.1;Name=aa55c864-742d-4d19-af3c-
a7d2f78c7649
SM_V9_2 iris    exon    43328093        43328119        .       -
        .       Parent=Smp_335380.1;Name=33854b32-293c-4e0f-
b6c6-637f3289a63d
SM_V9_2 iris    exon    43331455        43331490        .       -
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        .       Parent=Smp_335380.1;Name=1b14fab5-2941-4ade-
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SM_V9_2 iris    exon    43331913        43331948        .       -
        .       Parent=Smp_335380.1;Name=4e5fa30d-3108-4191-95a4-
c1af6c31c7fe
SM_V9_2 iris    exon    43332775        43332810        .       -
        .
Parent=Smp_335380.1;Name=f787dbdc-9294-4aa3-9d62-5eb1c18982ec
SM_V9_2 iris    exon    43334739        43334774        .       -
        .       Parent=Smp_335380.1;Name=abaea0c9-
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SM_V9_2 iris    exon    43335125        43335151        .       -
        .
Parent=Smp_335380.1;Name=de3dc0ed-321b-487e-86d2-442005ce46f3
SM_V9_2 iris    exon    43336053        43336088        .       -
        .       Parent=Smp_335380.1;Name=4e71e81e-9e23-4b05-b56a-
d04164564474
SM_V9_2 iris    exon    43338147        43338173        .       -
        .       Parent=Smp_335380.1;Name=b8449c6c-46ce-4a41-b650-
f5300f95faaa
SM_V9_2 iris    exon    43339075        43339110        .       -
        .       Parent=Smp_335380.1;Name=19a7fd51-e6ea-4722-af40-
a952d731f2c3
SM_V9_2 iris    exon    43339386        43339421        .       -
        .       Parent=Smp_335380.1;Name=1715fee9-f252-4f7b-8ceb-
bf43f0552f76
SM_V9_2 iris    exon    43341646        43341672        .       -
        .       Parent=Smp_335380.1;Name=732a4603-1758-46d3-
af8a-83f42dff84e5
SM_V9_2 iris    exon    43342574        43342609        .       -
        .       Parent=Smp_335380.1;Name=b0f15ba3-ca36-462c-af4e-
fece2db020d4
SM_V9_2 iris    exon    43342885        43342920        .       -
        .       Parent=Smp_335380.1;Name=d58f46fd-5fce-4869-
b1a9-3e4caeee7bff
SM_V9_2 iris    exon    43345145        43345171        .       -
        .       Parent=Smp_335380.1;Name=c9a7386d-e9ee-4426-
a0bf-724c816a88fe
SM_V9_2 iris    exon    43346073        43346108        .       -
        .
Parent=Smp_335380.1;Name=e2f091ae-4a51-4590-875f-7f3b056ba7c5
SM_V9_2 iris    exon    43346384        43346419        .       -
        .       Parent=Smp_335380.1;Name=52b1ef42-3ea1-45ce-a249-
e1611764c300
SM_V9_2 iris    exon    43347793        43347904        .       -
        .       Parent=Smp_335380.1;Name=cb189a0a-
f74b-4255-8ded-4a2cbd0af2be
SM_V9_2 iris    CDS     43327639        43327640        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43328093        43328119        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43331455        43331490        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43331913        43331948        .       -
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        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43332775        43332810        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43334739        43334774        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43335125        43335151        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43336053        43336088        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43338147        43338173        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43339075        43339110        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43339386        43339421        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43341646        43341672        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43342574        43342609        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43342885        43342920        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43345145        43345171        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43346073        43346108        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43346384        43346419        .       -
        2       Parent=Smp_335380.1
SM_V9_2 iris    CDS     43347793        43347862        .       -
        0       Parent=Smp_335380.1
SM_V9_2 Liftoff gene    43363069        43388339        .       +
        .       ID=Smp_032580;geneID=Smp_032580
SM_V9_2 Liftoff mRNA    43363069        43388339        .       +
        .
ID=Smp_032580.1;Parent=Smp_032580;geneID=Smp_032580;product=Proteaso
me subunit alpha
type-5;polypeptide_domain=InterPro:IPR000426,IPR001353,IPR023332,IPR
029055,IPR033812
Pfam:PF00227,PF10584;Ontology_term=GO:0004175,GO:0004298,GO:0005839,
GO:0006511,GO:0019773,GO:0043161,GO:0051603
SM_V9_2 Liftoff exon    43363069        43363230        .       +
        .       Parent=Smp_032580.1
SM_V9_2 Liftoff exon    43363266        43363392        .       +
        .       Parent=Smp_032580.1
SM_V9_2 Liftoff exon    43373258        43373433        .       +
        .       Parent=Smp_032580.1
SM_V9_2 Liftoff exon    43377667        43377828        .       +
        .       Parent=Smp_032580.1
SM_V9_2 Liftoff exon    43385593        43385635        .       +
        .       Parent=Smp_032580.1
SM_V9_2 Liftoff exon    43385731        43385798        .       +
        .       Parent=Smp_032580.1
SM_V9_2 Liftoff exon    43388081        43388339        .       +
        .       Parent=Smp_032580.1
SM_V9_2 Liftoff CDS     43363135        43363230        .       +
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        0       Parent=Smp_032580.1
SM_V9_2 Liftoff CDS     43363266        43363392        .       +
        0       Parent=Smp_032580.1
SM_V9_2 Liftoff CDS     43373258        43373433        .       +
        2       Parent=Smp_032580.1
SM_V9_2 Liftoff CDS     43377667        43377828        .       +
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SM_V9_2 Liftoff CDS     43385593        43385635        .       +
        0       Parent=Smp_032580.1
SM_V9_2 Liftoff CDS     43385731        43385798        .       +
        2       Parent=Smp_032580.1
SM_V9_2 Liftoff CDS     43388081        43388173        .       +
        0       Parent=Smp_032580.1
SM_V9_2 iris    gene    43430311        43473835        .       -
        .
ID=Smp_139800;geneID=Smp_139800;gene_name=Smp_139800;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43430311        43473835        .       -
        .
ID=Smp_139800.1;Parent=Smp_139800;geneID=Smp_139800;gene_name=Smp_13
9800;owner=irisadmin@local.host;orig_id=Smp_139800.1;date_last_modif
ied=2022-07-31;Name=Smp_139800.1;product=Rho-associated protein
kinase 1;date_creation=2022-07-30
SM_V9_2 iris    exon    43430311        43432470        .       -
        .       Parent=Smp_139800.1;Name=c5dfbcb6-
b611-48e0-9ec5-18d871160fd0
SM_V9_2 iris    exon    43447929        43450718        .       -
        .       Parent=Smp_139800.1;Name=1fc297b7-9a4a-4d57-b606-
b69895204516
SM_V9_2 iris    exon    43466116        43466371        .       -
        .       Parent=Smp_139800.1;Name=2573f25b-ed0e-4c48-b83b-
b8bbc2ae8e51
SM_V9_2 iris    exon    43473572        43473835        .       -
        .       Parent=Smp_139800.1;Name=90f722b3-
ac39-432f-82a4-60e8d6a990f4
SM_V9_2 iris    CDS     43431373        43432470        .       -
        0       Parent=Smp_139800.1
SM_V9_2 iris    CDS     43447929        43450718        .       -
        0       Parent=Smp_139800.1
SM_V9_2 iris    CDS     43466116        43466371        .       -
        1       Parent=Smp_139800.1
SM_V9_2 iris    CDS     43473572        43473738        .       -
        0       Parent=Smp_139800.1
SM_V9_2 iris    gene    43548573        43598937        .       -
        .
ID=Smp_347740;geneID=Smp_347740;gene_name=Smp_347740;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43548573        43598937        .       -
        .
ID=Smp_347740.1;Parent=Smp_347740;geneID=Smp_347740;gene_name=Smp_34
7740;owner=irisadmin@local.host;orig_id=Smp_347740.1;date_last_modif
ied=2022-07-31;Name=Smp_347740.1;product=Coiled-coil domain-
containing protein 39;date_creation=2022-07-30
SM_V9_2 iris    exon    43548573        43548717        .       -
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        .       Parent=Smp_347740.1;Name=85e45360-
bd97-47b6-9af9-62b78b63274f
SM_V9_2 iris    exon    43551748        43551867        .       -
        .       Parent=Smp_347740.1;Name=5f565e1c-8d43-4e6f-8e3a-
fc92d7a8a891
SM_V9_2 iris    exon    43554815        43554850        .       -
        .       Parent=Smp_347740.1;Name=097e9900-3d63-41ea-
a546-50c61324f9b4
SM_V9_2 iris    exon    43556866        43557227        .       -
        .       Parent=Smp_347740.1;Name=e736f082-a94a-4a16-
b763-00425bd008f5
SM_V9_2 iris    exon    43560493        43560696        .       -
        .       Parent=Smp_347740.1;Name=02ef6c1f-1b3d-46a5-
a65f-718e90b9603c
SM_V9_2 iris    exon    43562896        43563162        .       -
        .       Parent=Smp_347740.1;Name=be5c9256-8eb0-4bff-
b4d6-304375f355fa
SM_V9_2 iris    exon    43565388        43565463        .       -
        .
Parent=Smp_347740.1;Name=0c49a7e8-7350-4c28-87dc-423b30e48505
SM_V9_2 iris    exon    43566961        43567139        .       -
        .       Parent=Smp_347740.1;Name=fdb61443-
a6c5-42fe-9780-8d069a7be549
SM_V9_2 iris    exon    43570930        43571145        .       -
        .
Parent=Smp_347740.1;Name=50b3c158-21a4-4319-8e06-560b5f767b20
SM_V9_2 iris    exon    43574403        43574567        .       -
        .       Parent=Smp_347740.1;Name=6ce5ae35-b9e6-44a6-b62e-
be228d266ac9
SM_V9_2 iris    exon    43575013        43575405        .       -
        .       Parent=Smp_347740.1;Name=55169900-70a4-4e7f-
a0a8-189679c678a9
SM_V9_2 iris    exon    43577539        43577679        .       -
        .       Parent=Smp_347740.1;Name=638e6ba8-1867-4cd5-a1df-
b01500887998
SM_V9_2 iris    exon    43579334        43579520        .       -
        .       Parent=Smp_347740.1;Name=5744bf09-9faf-4086-
a27f-9d19cca5be06
SM_V9_2 iris    exon    43581059        43581162        .       -
        .       Parent=Smp_347740.1;Name=3ee08c30-0e12-4583-a566-
befa20172968
SM_V9_2 iris    exon    43585807        43585998        .       -
        .       Parent=Smp_347740.1;Name=e9460db5-762e-4e99-882f-
d926ca0d2765
SM_V9_2 iris    exon    43587682        43587903        .       -
        .       Parent=Smp_347740.1;Name=623b6439-5771-4fb1-
a5c2-32ed933c64d2
SM_V9_2 iris    exon    43590677        43590835        .       -
        .       Parent=Smp_347740.1;Name=d5743f2c-
d98a-48fa-8e5c-308246cd56f0
SM_V9_2 iris    exon    43593519        43593785        .       -
        .       Parent=Smp_347740.1;Name=b0b50688-
ffc6-45c0-892d-6a56db9dbb37
SM_V9_2 iris    exon    43598717        43598937        .       -
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b520-7a8ed91514f0
SM_V9_2 iris    CDS     43548702        43548717        .       -
        1       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43551748        43551867        .       -
        1       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43554815        43554850        .       -
        1       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43556866        43557227        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43560493        43560696        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43562896        43563162        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43565388        43565463        .       -
        1       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43566961        43567139        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43570930        43571145        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43574403        43574567        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43575013        43575405        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43577539        43577679        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43579334        43579520        .       -
        1       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43581059        43581162        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43585807        43585998        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43587682        43587903        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43590677        43590835        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43593519        43593785        .       -
        0       Parent=Smp_347740.1
SM_V9_2 iris    CDS     43598717        43598827        .       -
        0       Parent=Smp_347740.1
SM_V9_2 Liftoff gene    43605490        43655525        .       -
        .
ID=Smp_246110;geneID=Smp_246110;previous_systematic_id=Smp_139810
SM_V9_2 Liftoff mRNA    43605490        43655525        .       -
        .
ID=Smp_246110.1;Parent=Smp_246110;geneID=Smp_246110;product=Hillarin
;polypeptide_domain=InterPro:IPR015943;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    43605490        43606489        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43609402        43609824        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43612736        43612987        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43614464        43614760        .       -
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        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43616198        43616326        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43617001        43617189        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43622224        43622652        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43624496        43625067        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43634011        43634107        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff exon    43655011        43655525        .       -
        .       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43606163        43606489        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43609402        43609824        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43612736        43612987        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43614464        43614760        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43616198        43616326        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43617001        43617189        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43622224        43622652        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43624496        43625067        .       -
        2       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43634011        43634107        .       -
        0       Parent=Smp_246110.1
SM_V9_2 Liftoff CDS     43655011        43655049        .       -
        0       Parent=Smp_246110.1
SM_V9_2 iris    gene    43683240        43703454        .       +
        .
ID=Smp_336050;geneID=Smp_336050;gene_name=Smp_336050;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    43683240        43703454        .       +
        .
ID=Smp_336050.1;Parent=Smp_336050;geneID=Smp_336050;gene_name=Smp_33
6050;owner=irisadmin@local.host;orig_id=Smp_336050.1;date_last_modif
ied=2022-08-17;Name=Smp_336050.1;product=KICSTOR complex protein
ITFG2;date_creation=2022-08-17
SM_V9_2 iris    exon    43683240        43683370        .       +
        .       Parent=Smp_336050.1;Name=46fe7bc6-fef3-4153-9d74-
e26191523e6b
SM_V9_2 iris    exon    43684707        43684844        .       +
        .
Parent=Smp_336050.1;Name=7286e545-4ff6-4468-8a71-60711830ea2b
SM_V9_2 iris    exon    43684892        43684933        .       +
        .       Parent=Smp_336050.1;Name=37556b2c-9962-4745-
bd26-58b7fbad4c6b
SM_V9_2 iris    exon    43684984        43685055        .       +
        .       Parent=Smp_336050.1;Name=0925a09c-
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ee5d-4d5a-9cb6-5c8a0ee3ca14
SM_V9_2 iris    exon    43690048        43690198        .       +
        .       Parent=Smp_336050.1;Name=38587db2-7418-4d5e-9879-
a8e0ae9d7fa4
SM_V9_2 iris    exon    43691479        43691630        .       +
        .       Parent=Smp_336050.1;Name=df6e4156-2eb7-47d0-92a6-
db6edca355fa
SM_V9_2 iris    exon    43695309        43695353        .       +
        .       Parent=Smp_336050.1;Name=0fffeed5-5374-4c51-
bdb9-0e410311bc30
SM_V9_2 iris    exon    43696227        43696300        .       +
        .
Parent=Smp_336050.1;Name=a95f8089-128b-44b1-8635-4f23e9d01b21
SM_V9_2 iris    exon    43697373        43697652        .       +
        .
Parent=Smp_336050.1;Name=368ba0f9-127c-49df-9a76-9929034c8be4
SM_V9_2 iris    exon    43699534        43699828        .       +
        .       Parent=Smp_336050.1;Name=c2717630-f394-45ef-
b448-6c2437a8dde5
SM_V9_2 iris    exon    43703208        43703454        .       +
        .       Parent=Smp_336050.1;Name=9ba06792-dac3-4ea3-85e3-
e0b00e8068a9
SM_V9_2 iris    CDS     43683275        43683370        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43684707        43684844        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43684892        43684933        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43684984        43685055        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43690048        43690198        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43691479        43691630        .       +
        2       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43695309        43695353        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43696227        43696300        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43697373        43697652        .       +
        1       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43699534        43699828        .       +
        0       Parent=Smp_336050.1
SM_V9_2 iris    CDS     43703208        43703290        .       +
        2       Parent=Smp_336050.1
SM_V9_2 iris    gene    43704529        43708027        .       -
        .
ID=Smp_032640;geneID=Smp_032640;gene_name=Smp_032640;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43704529        43708027        .       -
        .
ID=Smp_032640.1;Parent=Smp_032640;geneID=Smp_032640;gene_name=Smp_03
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ied=2022-08-17;Name=Smp_032640.1;product=Thiamin pyrophosphokinase
1;date_creation=2022-07-30
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SM_V9_2 iris    exon    43705725        43705833        .       -
        .       Parent=Smp_032640.1;Name=b6a456c5-8625-4829-a218-
a76980a4862b
SM_V9_2 iris    exon    43705884        43706036        .       -
        .
Parent=Smp_032640.1;Name=5fb5369f-6359-42f1-8354-765205a77218
SM_V9_2 iris    exon    43706077        43706169        .       -
        .       Parent=Smp_032640.1;Name=920c914b-c8d7-4778-a1da-
a01b9ca615eb
SM_V9_2 iris    exon    43706214        43706353        .       -
        .       Parent=Smp_032640.1;Name=fd513fa4-
ce5e-4203-92b8-74d27e0d0fbe
SM_V9_2 iris    exon    43706393        43706470        .       -
        .       Parent=Smp_032640.1;Name=ef5beef1-f495-4bf1-9879-
f47dcb29186f
SM_V9_2 iris    exon    43706506        43706545        .       -
        .       Parent=Smp_032640.1;Name=10cd4627-d6d9-47b0-
a4d2-8026dd64de0c
SM_V9_2 iris    exon    43707904        43708027        .       -
        .       Parent=Smp_032640.1;Name=595b2b04-720f-4bd0-ad14-
ed150ecdcf8b
SM_V9_2 iris    CDS     43705061        43705188        .       -
        2       Parent=Smp_032640.1
SM_V9_2 iris    CDS     43705725        43705833        .       -
        0       Parent=Smp_032640.1
SM_V9_2 iris    CDS     43705884        43706036        .       -
        0       Parent=Smp_032640.1
SM_V9_2 iris    CDS     43706077        43706169        .       -
        0       Parent=Smp_032640.1
SM_V9_2 iris    CDS     43706214        43706353        .       -
        2       Parent=Smp_032640.1
SM_V9_2 iris    CDS     43706393        43706470        .       -
        2       Parent=Smp_032640.1
SM_V9_2 iris    CDS     43706506        43706539        .       -
        0       Parent=Smp_032640.1
SM_V9_2 Liftoff gene    43717859        43722516        .       +
        .       ID=Smp_139840;geneID=Smp_139840
SM_V9_2 Liftoff mRNA    43717859        43722516        .       +
        .
ID=Smp_139840.1;Parent=Smp_139840;geneID=Smp_139840;product=U-
actitoxin-Avd3k;polypeptide_domain=InterPro:IPR002223,IPR020901
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_2 Liftoff exon    43717859        43718517        .       +
        .       Parent=Smp_139840.1
SM_V9_2 Liftoff exon    43721806        43722516        .       +
        .       Parent=Smp_139840.1
SM_V9_2 Liftoff CDS     43718304        43718517        .       +
        0       Parent=Smp_139840.1
SM_V9_2 Liftoff CDS     43721806        43722002        .       +
        2       Parent=Smp_139840.1
SM_V9_2 Liftoff gene    43723519        43755554        .       -
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        .
ID=Smp_343330;geneID=Smp_343330;previous_systematic_id=Smp_139850
SM_V9_2 Liftoff mRNA    43723519        43755554        .       -
        .
ID=Smp_343330.1;Parent=Smp_343330;geneID=Smp_343330;product=Trehalos
e synthase/amylase
TreS;polypeptide_domain=InterPro:IPR006047,IPR017853
Pfam:PF00128;Ontology_term=GO:0003824,GO:0005975
SM_V9_2 Liftoff exon    43723519        43723575        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43728134        43728397        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43733102        43733250        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43736796        43736933        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43739125        43739263        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43741421        43741534        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43744516        43744815        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43750929        43751199        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff exon    43755065        43755554        .       -
        .       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43723564        43723575        .       -
        0       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43728134        43728397        .       -
        0       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43733102        43733250        .       -
        2       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43736796        43736933        .       -
        2       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43739125        43739263        .       -
        0       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43741421        43741534        .       -
        0       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43744516        43744815        .       -
        0       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43750929        43751199        .       -
        1       Parent=Smp_343330.1
SM_V9_2 Liftoff CDS     43755065        43755354        .       -
        0       Parent=Smp_343330.1
SM_V9_2 iris    gene    43772652        43791656        .       -
        .
ID=Smp_032670;geneID=Smp_032670;gene_name=Smp_032670;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43772652        43791656        .       -
        .
ID=Smp_032670.1;Parent=Smp_032670;geneID=Smp_032670;gene_name=Smp_03
2670;owner=irisadmin@local.host;orig_id=Smp_032670.1;date_last_modif
ied=2022-07-31;Name=Smp_032670.1;product=Immunoglobulin G-binding
protein A;date_creation=2022-07-30
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        .       Parent=Smp_032670.1;Name=b67c54e5-651c-4f88-92aa-
c1ab90fbe8f0
SM_V9_2 iris    exon    43781120        43781155        .       -
        .       Parent=Smp_032670.1;Name=aaf7a119-
eb07-425b-99cb-18ee57af812a
SM_V9_2 iris    exon    43783705        43783740        .       -
        .       Parent=Smp_032670.1;Name=b4f3c6dd-8605-4173-a3a5-
b45882e1670d
SM_V9_2 iris    exon    43784984        43784998        .       -
        .       Parent=Smp_032670.1;Name=c227566e-1427-48a2-
a9ce-061d51f1cb9b
SM_V9_2 iris    exon    43786826        43786861        .       -
        .       Parent=Smp_032670.1;Name=7da35366-bd2d-43af-
aebe-73a3bf6bbfd3
SM_V9_2 iris    exon    43789739        43789939        .       -
        .       Parent=Smp_032670.1;Name=7c336c83-1d1d-4ecf-8421-
c175681d1769
SM_V9_2 iris    exon    43790592        43790630        .       -
        .       Parent=Smp_032670.1;Name=dcd8af5c-b893-42f7-a572-
c72048f7ac00
SM_V9_2 iris    exon    43790744        43790764        .       -
        .
Parent=Smp_032670.1;Name=0ff948e7-9678-40b3-8e6f-6d74f12fa877
SM_V9_2 iris    exon    43791497        43791656        .       -
        .       Parent=Smp_032670.1;Name=524a69b6-5433-46c3-8a2f-
c87ab8f4c90d
SM_V9_2 iris    CDS     43772907        43772950        .       -
        2       Parent=Smp_032670.1
SM_V9_2 iris    CDS     43781120        43781155        .       -
        2       Parent=Smp_032670.1
SM_V9_2 iris    CDS     43783705        43783740        .       -
        2       Parent=Smp_032670.1
SM_V9_2 iris    CDS     43784984        43784998        .       -
        2       Parent=Smp_032670.1
SM_V9_2 iris    CDS     43786826        43786861        .       -
        2       Parent=Smp_032670.1
SM_V9_2 iris    CDS     43789739        43789939        .       -
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SM_V9_2 iris    CDS     43790592        43790630        .       -
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SM_V9_2 iris    CDS     43790744        43790764        .       -
        2       Parent=Smp_032670.1
SM_V9_2 iris    CDS     43791497        43791572        .       -
        0       Parent=Smp_032670.1
SM_V9_2 Liftoff gene    43855163        43863928        .       -
        .       ID=Smp_328680;geneID=Smp_328680
SM_V9_2 Liftoff mRNA    43855163        43863928        .       -
        .
ID=Smp_328680.1;Parent=Smp_328680;geneID=Smp_328680;product=Genome
polyprotein
SM_V9_2 Liftoff exon    43855163        43855459        .       -
        .       Parent=Smp_328680.1
SM_V9_2 Liftoff exon    43855802        43855849        .       -
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        .       Parent=Smp_328680.1
SM_V9_2 Liftoff exon    43856233        43856271        .       -
        .       Parent=Smp_328680.1
SM_V9_2 Liftoff exon    43858991        43859029        .       -
        .       Parent=Smp_328680.1
SM_V9_2 Liftoff exon    43859508        43859546        .       -
        .       Parent=Smp_328680.1
SM_V9_2 Liftoff exon    43860252        43860290        .       -
        .       Parent=Smp_328680.1
SM_V9_2 Liftoff exon    43861379        43861417        .       -
        .       Parent=Smp_328680.1
SM_V9_2 Liftoff exon    43863720        43863928        .       -
        .       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43855362        43855459        .       -
        2       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43855802        43855849        .       -
        2       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43856233        43856271        .       -
        2       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43858991        43859029        .       -
        2       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43859508        43859546        .       -
        2       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43860252        43860290        .       -
        2       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43861379        43861417        .       -
        2       Parent=Smp_328680.1
SM_V9_2 Liftoff CDS     43863720        43863789        .       -
        0       Parent=Smp_328680.1
SM_V9_2 iris    gene    43878689        43893744        .       -
        .
ID=Smp_336060;geneID=Smp_336060;gene_name=Smp_336060;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43878689        43893744        .       -
        .
ID=Smp_336060.1;Parent=Smp_336060;geneID=Smp_336060;gene_name=Smp_33
6060;owner=irisadmin@local.host;orig_id=Smp_336060.2;date_last_modif
ied=2022-07-31;Name=Smp_336060.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    43878689        43878989        .       -
        .       Parent=Smp_336060.1;Name=5c834bac-1cdf-43c4-b0cb-
c960738226f0
SM_V9_2 iris    exon    43879334        43879381        .       -
        .       Parent=Smp_336060.1;Name=0379f4a7-f5a6-41b9-80d0-
ca775c03182d
SM_V9_2 iris    exon    43879765        43879803        .       -
        .       Parent=Smp_336060.1;Name=6dbcc561-3b24-46d3-
ba7d-11990a4b092b
SM_V9_2 iris    exon    43882163        43882201        .       -
        .       Parent=Smp_336060.1;Name=b8f520fc-6dee-448c-91b4-
be2e0a5ce135
SM_V9_2 iris    exon    43883055        43883093        .       -
        .       Parent=Smp_336060.1;Name=9d3f6e1b-
a999-4b18-927c-0cb20544b344
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SM_V9_2 iris    exon    43883569        43883607        .       -
        .       Parent=Smp_336060.1;Name=66712a32-4a1a-49a8-8cc9-
f2f1cae05d40
SM_V9_2 iris    exon    43884630        43884668        .       -
        .       Parent=Smp_336060.1;Name=825ee1a3-26d4-4f9f-
bfb7-633f4c0e0a45
SM_V9_2 iris    exon    43885144        43885182        .       -
        .       Parent=Smp_336060.1;Name=0066b81d-ea24-4054-949e-
c47014db196a
SM_V9_2 iris    exon    43886205        43886243        .       -
        .
Parent=Smp_336060.1;Name=b388a3d7-0a6c-4eac-9182-48ed76ee4372
SM_V9_2 iris    exon    43886719        43886757        .       -
        .       Parent=Smp_336060.1;Name=d7e2e259-c783-4823-acf1-
a5268b3f40af
SM_V9_2 iris    exon    43887780        43887818        .       -
        .       Parent=Smp_336060.1;Name=55f7b986-fbac-401d-b8e9-
b9d15893dd02
SM_V9_2 iris    exon    43888294        43888332        .       -
        .       Parent=Smp_336060.1;Name=344d3134-3860-4ff0-b501-
d94683a26f56
SM_V9_2 iris    exon    43889355        43889393        .       -
        .
Parent=Smp_336060.1;Name=862b75f0-729b-4851-940b-528be95a2e5e
SM_V9_2 iris    exon    43890184        43890222        .       -
        .
Parent=Smp_336060.1;Name=3228cfcf-656d-425d-9979-565fe0f3f291
SM_V9_2 iris    exon    43891311        43891349        .       -
        .       Parent=Smp_336060.1;Name=bd33ca29-acf2-4a1c-
bda8-665ba9cf2c1e
SM_V9_2 iris    exon    43893627        43893744        .       -
        .       Parent=Smp_336060.1;Name=9ef42f51-9cce-41bb-8b0d-
d582782f321d
SM_V9_2 iris    CDS     43882187        43882201        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43883055        43883093        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43883569        43883607        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43884630        43884668        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43885144        43885182        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43886205        43886243        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43886719        43886757        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43887780        43887818        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43888294        43888332        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43889355        43889393        .       -
        0       Parent=Smp_336060.1
SM_V9_2 iris    CDS     43890184        43890222        .       -
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SM_V9_2 iris    CDS     43891311        43891331        .       -
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SM_V9_2 iris    gene    43963891        43969144        .       -
        .
ID=Smp_032720;geneID=Smp_032720;gene_name=Smp_032720;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    43963891        43969144        .       -
        .
ID=Smp_032720.1;Parent=Smp_032720;geneID=Smp_032720;gene_name=Smp_03
2720;owner=irisadmin@local.host;orig_id=Smp_032720.1;date_last_modif
ied=2022-07-31;Name=Smp_032720.1;product=Protein
pitchfork;date_creation=2022-07-30
SM_V9_2 iris    exon    43963891        43964019        .       -
        .       Parent=Smp_032720.1;Name=d10a257b-a86a-4151-9e5d-
b8f9baebf9a7
SM_V9_2 iris    exon    43964074        43964200        .       -
        .       Parent=Smp_032720.1;Name=4620bd1c-9214-46f3-a9c2-
c70b9196e21a
SM_V9_2 iris    exon    43965678        43965811        .       -
        .       Parent=Smp_032720.1;Name=be127700-a2b2-44d6-
ac5d-7129ed144133
SM_V9_2 iris    exon    43967634        43967729        .       -
        .       Parent=Smp_032720.1;Name=7994f471-8bc8-4ebe-
b19e-4d7d4966ad88
SM_V9_2 iris    exon    43967774        43967925        .       -
        .
Parent=Smp_032720.1;Name=5b8f2a5d-3c42-4e22-878e-2690bf137bfc
SM_V9_2 iris    exon    43969039        43969144        .       -
        .       Parent=Smp_032720.1;Name=50a0b038-271b-4992-
bdce-7c4a273f4c76
SM_V9_2 iris    CDS     43963951        43964019        .       -
        0       Parent=Smp_032720.1
SM_V9_2 iris    CDS     43964074        43964200        .       -
        1       Parent=Smp_032720.1
SM_V9_2 iris    CDS     43965678        43965811        .       -
        0       Parent=Smp_032720.1
SM_V9_2 iris    CDS     43967634        43967729        .       -
        0       Parent=Smp_032720.1
SM_V9_2 iris    CDS     43967774        43967925        .       -
        2       Parent=Smp_032720.1
SM_V9_2 iris    CDS     43969039        43969105        .       -
        0       Parent=Smp_032720.1
SM_V9_2 Liftoff gene    43975012        44045436        .       +
        .
ID=Smp_343340;geneID=Smp_343340;previous_systematic_id=Smp_139860
SM_V9_2 Liftoff mRNA    43975012        44045436        .       +
        .
ID=Smp_343340.1;Parent=Smp_343340;geneID=Smp_343340;product=Tetratri
copeptide repeat protein
6;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR013105,IPR01973
4 Pfam:PF07719,PF13181,PF13432;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    43975012        43976177        .       +
        .       Parent=Smp_343340.1
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SM_V9_2 Liftoff exon    43978882        43979063        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43987001        43987056        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43988897        43989043        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43991425        43991470        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43992374        43992509        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43993683        43993737        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43995789        43995896        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43998259        43998367        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    43999417        43999468        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44000906        44001188        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44002693        44002794        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44005556        44005697        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44005881        44005999        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44008410        44008516        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44010284        44010449        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44011726        44011871        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44013907        44014023        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44014067        44014163        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44017022        44017201        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44019653        44019823        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44022053        44022181        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44023701        44024014        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44025293        44025440        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44027589        44027839        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44030902        44031142        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44035385        44035698        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff exon    44039267        44039658        .       +
        .       Parent=Smp_343340.1
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SM_V9_2 Liftoff exon    44045248        44045436        .       +
        .       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43975942        43976177        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43978882        43979063        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43987001        43987056        .       +
        2       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43988897        43989043        .       +
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SM_V9_2 Liftoff CDS     43991425        43991470        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43992374        43992509        .       +
        2       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43993683        43993737        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43995789        43995896        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43998259        43998367        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     43999417        43999468        .       +
        2       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44000906        44001188        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44002693        44002794        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44005556        44005697        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44005881        44005999        .       +
        2       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44008410        44008516        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44010284        44010449        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44011726        44011871        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44013907        44014023        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44014067        44014163        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44017022        44017201        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44019653        44019823        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44022053        44022181        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44023701        44024014        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44025293        44025440        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44027589        44027839        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44030902        44031142        .       +
        1       Parent=Smp_343340.1
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SM_V9_2 Liftoff CDS     44035385        44035698        .       +
        0       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44039267        44039658        .       +
        1       Parent=Smp_343340.1
SM_V9_2 Liftoff CDS     44045248        44045399        .       +
        2       Parent=Smp_343340.1
SM_V9_2 Liftoff gene    44047385        44066592        .       -
        .
ID=Smp_246100;geneID=Smp_246100;previous_systematic_id=Smp_032740,Sm
p_032750
SM_V9_2 Liftoff mRNA    44047385        44066592        .       -
        .
ID=Smp_246100.1;Parent=Smp_246100;geneID=Smp_246100;product=Guanine
nucleotide-binding protein G(i) subunit
alpha;polypeptide_domain=InterPro:IPR001019,IPR001408,IPR011025,IPR0
27417
Pfam:PF00503;Ontology_term=GO:0003924,GO:0004871,GO:0005525,GO:00071
65,GO:0007186,GO:0007188,GO:0019001,GO:0031683
SM_V9_2 Liftoff exon    44047385        44049000        .       -
        .       Parent=Smp_246100.1
SM_V9_2 Liftoff exon    44065920        44066592        .       -
        .       Parent=Smp_246100.1
SM_V9_2 Liftoff CDS     44048540        44049000        .       -
        2       Parent=Smp_246100.1
SM_V9_2 Liftoff CDS     44065920        44066523        .       -
        0       Parent=Smp_246100.1
SM_V9_2 iris    gene    44066834        44067404        .       +
        .
ID=Smp_032760;geneID=Smp_032760;gene_name=Smp_032760;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44066834        44067404        .       +
        .
ID=Smp_032760.1;Parent=Smp_032760;geneID=Smp_032760;gene_name=Smp_03
2760;owner=irisadmin@local.host;orig_id=Smp_032760.1;date_last_modif
ied=2022-07-31;Name=Smp_032760.1;product=40S ribosomal protein
S11;date_creation=2022-07-30
SM_V9_2 iris    exon    44066834        44066874        .       +
        .       Parent=Smp_032760.1;Name=272c73f5-5698-4db2-b861-
bbe2c1735135
SM_V9_2 iris    exon    44066910        44067208        .       +
        .       Parent=Smp_032760.1;Name=5a5babd9-0b5c-4dfc-9e1b-
fb0abaeb0b02
SM_V9_2 iris    exon    44067242        44067404        .       +
        .       Parent=Smp_032760.1;Name=c4efafe8-14f1-45d2-906d-
d9d6c3796268
SM_V9_2 iris    CDS     44066863        44066874        .       +
        0       Parent=Smp_032760.1
SM_V9_2 iris    CDS     44066910        44067208        .       +
        0       Parent=Smp_032760.1
SM_V9_2 iris    CDS     44067242        44067371        .       +
        1       Parent=Smp_032760.1
SM_V9_2 iris    gene    44072102        44078408        .       -
        .
ID=Smp_032770;geneID=Smp_032770;gene_name=Smp_032770;owner=irisadmin
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@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44072102        44078408        .       -
        .
ID=Smp_032770.1;Parent=Smp_032770;geneID=Smp_032770;gene_name=Smp_03
2770;owner=irisadmin@local.host;orig_id=Smp_032770.1;date_last_modif
ied=2022-07-31;Name=Smp_032770.1;product=Cystatin-11;date_creation=2
022-07-30
SM_V9_2 iris    exon    44072102        44073667        .       -
        .       Parent=Smp_032770.1;Name=c06f744b-
f559-4d5c-8041-8e007ed32d72
SM_V9_2 iris    exon    44074888        44075233        .       -
        .       Parent=Smp_032770.1;Name=aa37e2c2-143d-4be3-833a-
b68b144da35d
SM_V9_2 iris    exon    44076197        44076266        .       -
        .       Parent=Smp_032770.1;Name=af3c6a01-
a396-4816-8916-839168105d59
SM_V9_2 iris    exon    44077287        44077510        .       -
        .       Parent=Smp_032770.1;Name=7ec8753b-fdc4-45e8-
b747-6026fc7feb3e
SM_V9_2 iris    exon    44077546        44077624        .       -
        .       Parent=Smp_032770.1;Name=73784d47-
e972-499e-88e4-854a4643058b
SM_V9_2 iris    exon    44077662        44077710        .       -
        .       Parent=Smp_032770.1;Name=7ff32a19-
cded-42a1-8f94-21023b4e4ac4
SM_V9_2 iris    exon    44077744        44077806        .       -
        .
Parent=Smp_032770.1;Name=e072018a-63fb-4c8b-9344-54a8296fc55b
SM_V9_2 iris    exon    44077840        44078408        .       -
        .       Parent=Smp_032770.1;Name=dcfdae0f-1070-4c09-b6d2-
ab46bf57baf4
SM_V9_2 iris    CDS     44073223        44073667        .       -
        1       Parent=Smp_032770.1
SM_V9_2 iris    CDS     44074888        44075233        .       -
        2       Parent=Smp_032770.1
SM_V9_2 iris    CDS     44076197        44076266        .       -
        0       Parent=Smp_032770.1
SM_V9_2 iris    CDS     44077287        44077510        .       -
        2       Parent=Smp_032770.1
SM_V9_2 iris    CDS     44077546        44077624        .       -
        0       Parent=Smp_032770.1
SM_V9_2 iris    CDS     44077662        44077710        .       -
        1       Parent=Smp_032770.1
SM_V9_2 iris    CDS     44077744        44077806        .       -
        1       Parent=Smp_032770.1
SM_V9_2 iris    CDS     44077840        44078042        .       -
        0       Parent=Smp_032770.1
SM_V9_2 iris    gene    44122872        44137670        .       +
        .
ID=Smp_032780;geneID=Smp_032780;gene_name=Smp_032780;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44122872        44137670        .       +
        .
ID=Smp_032780.1;Parent=Smp_032780;geneID=Smp_032780;gene_name=Smp_03
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2780;owner=irisadmin@local.host;orig_id=Smp_032780.1;date_last_modif
ied=2022-07-31;Name=Smp_032780.1;product=Dolichyl-phosphate beta-
glucosyltransferase;date_creation=2022-07-30
SM_V9_2 iris    exon    44122872        44122923        .       +
        .       Parent=Smp_032780.1;Name=5b4a6d41-e625-4e02-
bc1c-22b77a4788b9
SM_V9_2 iris    exon    44129042        44129198        .       +
        .       Parent=Smp_032780.1;Name=ba273f5a-
a707-4976-8872-7ad0512bb293
SM_V9_2 iris    exon    44129237        44129414        .       +
        .       Parent=Smp_032780.1;Name=61b043c8-1272-4032-956e-
d6f0ef10ace4
SM_V9_2 iris    exon    44129450        44129496        .       +
        .       Parent=Smp_032780.1;Name=efbb6aa7-c3fa-4c9c-
b2d5-2a2845265b99
SM_V9_2 iris    exon    44129532        44129600        .       +
        .       Parent=Smp_032780.1;Name=7ca95dbc-e027-4052-9a44-
b8c1417470c8
SM_V9_2 iris    exon    44129634        44129726        .       +
        .       Parent=Smp_032780.1;Name=d20f4d03-c5e3-4b5f-bcca-
e66483144b5b
SM_V9_2 iris    exon    44130278        44130394        .       +
        .       Parent=Smp_032780.1;Name=0071a6ce-5202-44ea-bbd1-
beda187b1658
SM_V9_2 iris    exon    44134852        44135152        .       +
        .       Parent=Smp_032780.1;Name=0b41112c-
fd65-48fa-9fff-01737c382923
SM_V9_2 iris    exon    44137431        44137670        .       +
        .       Parent=Smp_032780.1;Name=cfc1264c-c32a-410e-9edc-
cb04b1feb7f5
SM_V9_2 iris    CDS     44129130        44129198        .       +
        0       Parent=Smp_032780.1
SM_V9_2 iris    CDS     44129237        44129414        .       +
        0       Parent=Smp_032780.1
SM_V9_2 iris    CDS     44129450        44129496        .       +
        2       Parent=Smp_032780.1
SM_V9_2 iris    CDS     44129532        44129600        .       +
        0       Parent=Smp_032780.1
SM_V9_2 iris    CDS     44129634        44129726        .       +
        0       Parent=Smp_032780.1
SM_V9_2 iris    CDS     44130278        44130394        .       +
        0       Parent=Smp_032780.1
SM_V9_2 iris    CDS     44134852        44135152        .       +
        0       Parent=Smp_032780.1
SM_V9_2 iris    CDS     44137431        44137540        .       +
        2       Parent=Smp_032780.1
SM_V9_2 Liftoff gene    44141751        44149778        .       -
        .       ID=Smp_032790;geneID=Smp_032790
SM_V9_2 Liftoff mRNA    44141751        44149778        .       -
        .
ID=Smp_032790.1;Parent=Smp_032790;geneID=Smp_032790;product=Essentia
l MCU regulator, mitochondrial;polypeptide_domain=InterPro:IPR018782
Pfam:PF10161;Ontology_term=GO:0036444,GO:0051560,GO:1990246
SM_V9_2 Liftoff exon    44141751        44149778        .       -
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        .       Parent=Smp_032790.1
SM_V9_2 Liftoff CDS     44141969        44142232        .       -
        0       Parent=Smp_032790.1
SM_V9_2 Liftoff gene    44164612        44183538        .       -
        .       ID=Smp_032800;geneID=Smp_032800
SM_V9_2 Liftoff mRNA    44164612        44183538        .       -
        .
ID=Smp_032800.1;Parent=Smp_032800;geneID=Smp_032800;product=WD40
repeat-containing protein
SMU1;polypeptide_domain=InterPro:IPR001680,IPR006594,IPR006595,IPR01
5943,IPR017986,IPR019775,IPR020472
Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    44164612        44164805        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44166340        44166495        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44167620        44167745        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44169920        44170088        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44171793        44172016        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44174001        44174141        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44179109        44179348        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44179386        44179538        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44179573        44179716        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44179765        44179831        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff exon    44179882        44183538        .       -
        .       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44164707        44164805        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44166340        44166495        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44167620        44167745        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44169920        44170088        .       -
        1       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44171793        44172016        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44174001        44174141        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44179109        44179348        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44179386        44179538        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44179573        44179716        .       -
        0       Parent=Smp_032800.1
SM_V9_2 Liftoff CDS     44179765        44179831        .       -
        1       Parent=Smp_032800.1
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SM_V9_2 Liftoff CDS     44179882        44179907        .       -
        0       Parent=Smp_032800.1
SM_V9_2 iris    gene    44187610        44195083        .       +
        .
ID=Smp_032810;geneID=Smp_032810;gene_name=Smp_032810;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    44187610        44195083        .       +
        .
ID=Smp_032810.1;Parent=Smp_032810;geneID=Smp_032810;gene_name=Smp_03
2810;owner=irisadmin@local.host;orig_id=Smp_032810.1;date_last_modif
ied=2022-08-24;Name=Smp_032810.1;product=Thymidylate
kinase;date_creation=2022-08-24
SM_V9_2 iris    exon    44187610        44187764        .       +
        .       Parent=Smp_032810.1;Name=d7344c9b-7f91-4242-a601-
db8bc86861bf
SM_V9_2 iris    exon    44192282        44192521        .       +
        .       Parent=Smp_032810.1;Name=77d685d6-e109-4fad-98e6-
afc1947267e1
SM_V9_2 iris    exon    44194477        44195083        .       +
        .
Parent=Smp_032810.1;Name=e89238eb-7eeb-477f-9c25-3c9cb47efc3c
SM_V9_2 iris    CDS     44192286        44192521        .       +
        0       Parent=Smp_032810.1
SM_V9_2 iris    CDS     44194477        44194948        .       +
        1       Parent=Smp_032810.1
SM_V9_2 Liftoff gene    44199361        44216046        .       -
        .       ID=Smp_032820;geneID=Smp_032820
SM_V9_2 Liftoff mRNA    44199361        44216046        .       -
        .
ID=Smp_032820.1;Parent=Smp_032820;geneID=Smp_032820;product=WD40
repeat-containing protein
SMU1;polypeptide_domain=InterPro:IPR001680,IPR006594,IPR006595,IPR01
5943,IPR017986,IPR019775,IPR020472
Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    44199361        44199682        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44200856        44201011        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44204876        44205001        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44207048        44207216        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44209014        44209237        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44210621        44210761        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44212432        44212671        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44212703        44212855        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44212893        44213036        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff exon    44215824        44215890        .       -
        .       Parent=Smp_032820.1
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SM_V9_2 Liftoff exon    44215925        44216046        .       -
        .       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44199584        44199682        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44200856        44201011        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44204876        44205001        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44207048        44207216        .       -
        1       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44209014        44209237        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44210621        44210761        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44212432        44212671        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44212703        44212855        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44212893        44213036        .       -
        0       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44215824        44215890        .       -
        1       Parent=Smp_032820.1
SM_V9_2 Liftoff CDS     44215925        44215950        .       -
        0       Parent=Smp_032820.1
SM_V9_2 iris    gene    44219935        44262273        .       +
        .
ID=Smp_139900;geneID=Smp_139900;gene_name=Smp_139900;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44219935        44262273        .       +
        .
ID=Smp_139900.1;Parent=Smp_139900;geneID=Smp_139900;gene_name=Smp_13
9900;owner=irisadmin@local.host;orig_id=Smp_139900.1;date_last_modif
ied=2022-07-31;Name=Smp_139900.1;product=Lysophosphatidic acid
phosphatase type 6;date_creation=2022-07-30
SM_V9_2 iris    exon    44219935        44219997        .       +
        .
Parent=Smp_139900.1;Name=8e176a3a-1365-4945-80db-76b31fde7c33
SM_V9_2 iris    exon    44223584        44223632        .       +
        .       Parent=Smp_139900.1;Name=7eb653d1-8983-46df-
bc18-308cfc1733f1
SM_V9_2 iris    exon    44223673        44223766        .       +
        .
Parent=Smp_139900.1;Name=710598be-3be4-42fe-94a0-3f57c4f0fb56
SM_V9_2 iris    exon    44223813        44223941        .       +
        .       Parent=Smp_139900.1;Name=eb645646-1ee9-4229-
aafc-733c15ef227e
SM_V9_2 iris    exon    44223990        44224120        .       +
        .       Parent=Smp_139900.1;Name=70905995-f3a3-4fc3-8d82-
d219da13d5e3
SM_V9_2 iris    exon    44224171        44224253        .       +
        .       Parent=Smp_139900.1;Name=840971c3-ddc8-43c1-bfc1-
aa4d7e34206b
SM_V9_2 iris    exon    44224300        44224461        .       +
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Parent=Smp_139900.1;Name=af00eba2-7db3-4165-90bf-6ed8d15b96ab
SM_V9_2 iris    exon    44241445        44241536        .       +
        .
Parent=Smp_139900.1;Name=96a74f49-9b78-4386-84b8-92b5a25a9435
SM_V9_2 iris    exon    44254626        44254726        .       +
        .       Parent=Smp_139900.1;Name=340c5b7d-152f-4e73-a1ac-
a7e8e894d3f4
SM_V9_2 iris    exon    44259019        44259096        .       +
        .       Parent=Smp_139900.1;Name=d1e63c98-6244-4be1-a0b7-
a8cec8ae8714
SM_V9_2 iris    exon    44260381        44262273        .       +
        .       Parent=Smp_139900.1;Name=d3777289-1988-4bf5-
ab8e-8d33cf693257
SM_V9_2 iris    CDS     44223631        44223632        .       +
        0       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44223673        44223766        .       +
        1       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44223813        44223941        .       +
        0       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44223990        44224120        .       +
        0       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44224171        44224253        .       +
        1       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44224300        44224461        .       +
        2       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44241445        44241536        .       +
        2       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44254626        44254726        .       +
        0       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44259019        44259096        .       +
        1       Parent=Smp_139900.1
SM_V9_2 iris    CDS     44260381        44260780        .       +
        1       Parent=Smp_139900.1
SM_V9_2 iris    gene    44277002        44307897        .       +
        .
ID=Smp_336710;geneID=Smp_336710;gene_name=Smp_336710;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44277002        44307897        .       +
        .
ID=Smp_336710.1;Parent=Smp_336710;geneID=Smp_336710;gene_name=Smp_33
6710;owner=irisadmin@local.host;orig_id=Smp_336710.1;date_last_modif
ied=2022-07-31;Name=Smp_336710.1;product=Zinc finger CCCH domain-
containing protein 10;date_creation=2022-07-30
SM_V9_2 iris    exon    44277002        44277314        .       +
        .       Parent=Smp_336710.1;Name=f85c9bfe-49d2-4004-8a1b-
c6f604a45404
SM_V9_2 iris    exon    44279889        44280075        .       +
        .       Parent=Smp_336710.1;Name=acdcae60-
b2b5-4102-9655-2fa8f4b3fae0
SM_V9_2 iris    exon    44283333        44284505        .       +
        .       Parent=Smp_336710.1;Name=843f384f-dda6-47c5-b8e5-
d9f836e101ee
SM_V9_2 iris    exon    44286243        44286696        .       +
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Parent=Smp_336710.1;Name=1daeaf42-2a8d-4916-9c04-749169093f4d
SM_V9_2 iris    exon    44294846        44295347        .       +
        .
Parent=Smp_336710.1;Name=242b6452-327e-4417-9e93-52800bc21129
SM_V9_2 iris    exon    44300629        44301040        .       +
        .       Parent=Smp_336710.1;Name=9da2aa2c-2f16-4b68-b465-
e150faf88f8e
SM_V9_2 iris    exon    44303140        44305083        .       +
        .       Parent=Smp_336710.1;Name=c2cb0191-7f7b-4442-
b439-08055b6dfd7e
SM_V9_2 iris    exon    44307550        44307897        .       +
        .       Parent=Smp_336710.1;Name=a0c46a6b-4507-41e6-
b59a-0ec8e2b720c6
SM_V9_2 iris    CDS     44277169        44277314        .       +
        0       Parent=Smp_336710.1
SM_V9_2 iris    CDS     44279889        44280075        .       +
        1       Parent=Smp_336710.1
SM_V9_2 iris    CDS     44283333        44284505        .       +
        0       Parent=Smp_336710.1
SM_V9_2 iris    CDS     44286243        44286696        .       +
        0       Parent=Smp_336710.1
SM_V9_2 iris    CDS     44294846        44295347        .       +
        2       Parent=Smp_336710.1
SM_V9_2 iris    CDS     44300629        44301040        .       +
        1       Parent=Smp_336710.1
SM_V9_2 iris    CDS     44303140        44305083        .       +
        0       Parent=Smp_336710.1
SM_V9_2 iris    CDS     44307550        44307639        .       +
        0       Parent=Smp_336710.1
SM_V9_2 iris    gene    44322510        44343851        .       +
        .
ID=Smp_210250;geneID=Smp_210250;gene_name=Smp_210250;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44322510        44343851        .       +
        .
ID=Smp_210250.1;Parent=Smp_210250;geneID=Smp_210250;gene_name=Smp_21
0250;owner=irisadmin@local.host;orig_id=Smp_210250.2;date_last_modif
ied=2022-07-31;Name=Smp_210250.1;product=Cell cycle control protein
50A;date_creation=2022-07-30
SM_V9_2 iris    exon    44322510        44322557        .       +
        .
Parent=Smp_210250.1;Name=b4b7bc39-1311-4174-81ca-28af136ea304
SM_V9_2 iris    exon    44322708        44322768        .       +
        .       Parent=Smp_210250.1;Name=26456846-6b5a-45c4-
bbca-61ea78e6437b
SM_V9_2 iris    exon    44324843        44325480        .       +
        .       Parent=Smp_210250.1;Name=55bd30cd-3fed-42d0-9238-
f43a22bfff74
SM_V9_2 iris    exon    44328286        44328492        .       +
        .       Parent=Smp_210250.1;Name=30e23181-cbc3-4573-82a9-
a24014cccebd
SM_V9_2 iris    exon    44330876        44331041        .       +
        .       Parent=Smp_210250.1;Name=aa01dd40-4e60-4bf3-b4e8-
fac310f74e49
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SM_V9_2 iris    exon    44343247        44343851        .       +
        .       Parent=Smp_210250.1;Name=ee2dcfd1-4135-476c-
a2d1-9f3a931f2b75
SM_V9_2 iris    CDS     44324856        44325480        .       +
        0       Parent=Smp_210250.1
SM_V9_2 iris    CDS     44328286        44328492        .       +
        2       Parent=Smp_210250.1
SM_V9_2 iris    CDS     44330876        44331041        .       +
        2       Parent=Smp_210250.1
SM_V9_2 iris    CDS     44343247        44343280        .       +
        1       Parent=Smp_210250.1
SM_V9_2 iris    mRNA    44322510        44343851        .       +
        .
ID=Smp_210250.2;Parent=Smp_210250;geneID=Smp_210250;gene_name=Smp_21
0250;owner=irisadmin@local.host;orig_id=Smp_210250.1;date_last_modif
ied=2022-08-15;Name=Smp_210250.2;product=Cell cycle control protein
50A;date_creation=2022-08-15
SM_V9_2 iris    exon    44322510        44322557        .       +
        .
Parent=Smp_210250.2;Name=db22f698-2c81-4202-8397-5674f8b29603
SM_V9_2 iris    exon    44322708        44322768        .       +
        .       Parent=Smp_210250.2;Name=d87421f4-
c135-4ff6-982f-32cccf320f48
SM_V9_2 iris    exon    44324843        44325480        .       +
        .       Parent=Smp_210250.2;Name=4a81bfd4-ebe9-428c-9230-
ee2f5986e259
SM_V9_2 iris    exon    44328286        44328492        .       +
        .       Parent=Smp_210250.2;Name=58978867-6c89-431c-85bb-
fa085455c20c
SM_V9_2 iris    exon    44330876        44331041        .       +
        .       Parent=Smp_210250.2;Name=9950f664-e0d6-4398-883e-
d546d7506c11
SM_V9_2 iris    exon    44333684        44333729        .       +
        .       Parent=Smp_210250.2;Name=0b8424ab-9ad2-4a17-8688-
db484fcd990f
SM_V9_2 iris    exon    44343247        44343851        .       +
        .       Parent=Smp_210250.2;Name=4e637dd8-5a6b-4772-84d4-
db8c41b19288
SM_V9_2 iris    CDS     44324856        44325480        .       +
        0       Parent=Smp_210250.2
SM_V9_2 iris    CDS     44328286        44328492        .       +
        2       Parent=Smp_210250.2
SM_V9_2 iris    CDS     44330876        44331041        .       +
        2       Parent=Smp_210250.2
SM_V9_2 iris    CDS     44333684        44333729        .       +
        1       Parent=Smp_210250.2
SM_V9_2 Liftoff gene    44357195        44369926        .       -
        .       ID=Smp_088600;geneID=Smp_088600
SM_V9_2 Liftoff mRNA    44357195        44369926        .       -
        .
ID=Smp_088600.1;Parent=Smp_088600;geneID=Smp_088600;product=General
negative regulator of transcription subunit
3;polypeptide_domain=InterPro:IPR007207,IPR007282,IPR012270
Pfam:PF04065,PF04153;Ontology_term=GO:0005634,GO:0006355,GO:0030015
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SM_V9_2 Liftoff exon    44357195        44358481        .       -
        .       Parent=Smp_088600.1
SM_V9_2 Liftoff exon    44365799        44367748        .       -
        .       Parent=Smp_088600.1
SM_V9_2 Liftoff exon    44369650        44369926        .       -
        .       Parent=Smp_088600.1
SM_V9_2 Liftoff CDS     44358053        44358481        .       -
        0       Parent=Smp_088600.1
SM_V9_2 Liftoff CDS     44365799        44367748        .       -
        0       Parent=Smp_088600.1
SM_V9_2 Liftoff CDS     44369650        44369727        .       -
        0       Parent=Smp_088600.1
SM_V9_2 Liftoff gene    44388600        44392698        .       +
        .
ID=Smp_341470;geneID=Smp_341470;previous_systematic_id=Smp_088620
SM_V9_2 Liftoff mRNA    44388600        44392698        .       +
        .
ID=Smp_341470.1;Parent=Smp_341470;geneID=Smp_341470;product=Protease
-associated domain-containing protein
1;polypeptide_domain=InterPro:IPR003137 Pfam:PF02225
SM_V9_2 Liftoff exon    44388600        44388703        .       +
        .       Parent=Smp_341470.1
SM_V9_2 Liftoff exon    44388749        44388840        .       +
        .       Parent=Smp_341470.1
SM_V9_2 Liftoff exon    44388881        44388990        .       +
        .       Parent=Smp_341470.1
SM_V9_2 Liftoff exon    44389026        44389190        .       +
        .       Parent=Smp_341470.1
SM_V9_2 Liftoff exon    44392124        44392698        .       +
        .       Parent=Smp_341470.1
SM_V9_2 Liftoff CDS     44388655        44388703        .       +
        0       Parent=Smp_341470.1
SM_V9_2 Liftoff CDS     44388749        44388840        .       +
        2       Parent=Smp_341470.1
SM_V9_2 Liftoff CDS     44388881        44388990        .       +
        0       Parent=Smp_341470.1
SM_V9_2 Liftoff CDS     44389026        44389190        .       +
        1       Parent=Smp_341470.1
SM_V9_2 Liftoff CDS     44392124        44392244        .       +
        1       Parent=Smp_341470.1
SM_V9_2 Liftoff gene    44407944        44419806        .       -
        .       ID=Smp_170380;geneID=Smp_170380
SM_V9_2 Liftoff mRNA    44407944        44419806        .       -
        .
ID=Smp_170380.1;Parent=Smp_170380;geneID=Smp_170380;product=Uncharac
terized protein C17orf53
homolog;polypeptide_domain=InterPro:IPR028045 Pfam:PF15072
SM_V9_2 Liftoff exon    44407944        44408308        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44410870        44411177        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44412951        44413198        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44417413        44417498        .       -
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        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44417542        44417650        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44417688        44417867        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44417919        44417975        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44418011        44418265        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff exon    44419626        44419806        .       -
        .       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44408265        44408308        .       -
        2       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44410870        44411177        .       -
        1       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44412951        44413198        .       -
        0       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44417413        44417498        .       -
        2       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44417542        44417650        .       -
        0       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44417688        44417867        .       -
        0       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44417919        44417975        .       -
        0       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44418011        44418265        .       -
        0       Parent=Smp_170380.1
SM_V9_2 Liftoff CDS     44419626        44419628        .       -
        0       Parent=Smp_170380.1
SM_V9_2 iris    gene    44430341        44485856        .       +
        .
ID=Smp_170390;geneID=Smp_170390;gene_name=Smp_170390;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44430341        44485856        .       +
        .
ID=Smp_170390.1;Parent=Smp_170390;geneID=Smp_170390;gene_name=Smp_17
0390;owner=irisadmin@local.host;orig_id=Smp_170390.2;date_last_modif
ied=2022-07-31;Name=Smp_170390.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_2 iris    exon    44430341        44430491        .       +
        .       Parent=Smp_170390.1;Name=eb75d809-3f49-4a3a-
a1be-44dadc0478ba
SM_V9_2 iris    exon    44438184        44438315        .       +
        .       Parent=Smp_170390.1;Name=fd66b9e0-23da-4490-
be1e-27a0d112a095
SM_V9_2 iris    exon    44440744        44440829        .       +
        .       Parent=Smp_170390.1;Name=adfdaf15-1230-4b7d-
aab2-40c875f1c8b2
SM_V9_2 iris    exon    44443837        44443918        .       +
        .       Parent=Smp_170390.1;Name=9d5e45aa-bc13-4732-9346-
cf47fe0eea64
SM_V9_2 iris    exon    44446700        44447397        .       +
        .       Parent=Smp_170390.1;Name=fc2b2472-f163-43c6-
a5a5-7b1f96e0ca65
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SM_V9_2 iris    exon    44451556        44451765        .       +
        .       Parent=Smp_170390.1;Name=f967b961-ff54-4b47-b5f5-
cb62ec15b010
SM_V9_2 iris    exon    44453174        44453266        .       +
        .
Parent=Smp_170390.1;Name=a88461a5-3bf1-4194-80a0-50b7c21168bd
SM_V9_2 iris    exon    44459953        44460040        .       +
        .
Parent=Smp_170390.1;Name=c3217e04-5d7d-436b-8788-7a1f5e0b9076
SM_V9_2 iris    exon    44463072        44463454        .       +
        .       Parent=Smp_170390.1;Name=223375b4-6a85-4813-
becb-6c1ce9160508
SM_V9_2 iris    exon    44464353        44464864        .       +
        .       Parent=Smp_170390.1;Name=52d84728-5848-42d3-
a8c9-0387d828c566
SM_V9_2 iris    exon    44475461        44476156        .       +
        .       Parent=Smp_170390.1;Name=f42de9c8-3d08-4fa8-
b031-9f380778f0a6
SM_V9_2 iris    exon    44479094        44479218        .       +
        .
Parent=Smp_170390.1;Name=d1c9fd90-36db-4c61-9f10-823ca2517e39
SM_V9_2 iris    exon    44483093        44483535        .       +
        .       Parent=Smp_170390.1;Name=2618e42c-7363-4472-879b-
a8b54306bd20
SM_V9_2 iris    exon    44485132        44485856        .       +
        .       Parent=Smp_170390.1;Name=2abe59e0-
acc5-4514-87ed-8d2fbe0563b4
SM_V9_2 iris    CDS     44438219        44438315        .       +
        0       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44440744        44440829        .       +
        2       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44443837        44443918        .       +
        0       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44446700        44447397        .       +
        2       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44451556        44451765        .       +
        0       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44453174        44453266        .       +
        0       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44459953        44460040        .       +
        0       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44463072        44463454        .       +
        2       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44464353        44464864        .       +
        0       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44475461        44476156        .       +
        1       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44479094        44479218        .       +
        1       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44483093        44483535        .       +
        2       Parent=Smp_170390.1
SM_V9_2 iris    CDS     44485132        44485638        .       +
        0       Parent=Smp_170390.1
SM_V9_2 iris    gene    44511850        44516746        .       -
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        .
ID=Smp_088650;geneID=Smp_088650;gene_name=Smp_088650;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44511850        44516746        .       -
        .
ID=Smp_088650.1;Parent=Smp_088650;geneID=Smp_088650;gene_name=Smp_08
8650;owner=irisadmin@local.host;orig_id=Smp_088650.1;date_last_modif
ied=2022-07-31;Name=Smp_088650.1;product=ADP-ribosylation factor
4;date_creation=2022-07-30
SM_V9_2 iris    exon    44511850        44512715        .       -
        .
Parent=Smp_088650.1;Name=4ede9158-1dd1-4406-8f83-5af1f66a11bb
SM_V9_2 iris    exon    44514801        44514998        .       -
        .       Parent=Smp_088650.1;Name=12bdac17-d33f-468b-9405-
c13c8efa1430
SM_V9_2 iris    exon    44515033        44515223        .       -
        .
Parent=Smp_088650.1;Name=3d6aac7e-976d-42b8-95d2-986a8871801c
SM_V9_2 iris    exon    44516631        44516746        .       -
        .       Parent=Smp_088650.1;Name=e97fd279-
a691-4214-8640-18b8a9ca09b3
SM_V9_2 iris    CDS     44512626        44512715        .       -
        0       Parent=Smp_088650.1
SM_V9_2 iris    CDS     44514801        44514998        .       -
        0       Parent=Smp_088650.1
SM_V9_2 iris    CDS     44515033        44515223        .       -
        2       Parent=Smp_088650.1
SM_V9_2 iris    CDS     44516631        44516697        .       -
        0       Parent=Smp_088650.1
SM_V9_2 iris    gene    44525910        44533835        .       +
        .
ID=Smp_088660;geneID=Smp_088660;gene_name=Smp_088660;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44525910        44533835        .       +
        .
ID=Smp_088660.1;Parent=Smp_088660;geneID=Smp_088660;gene_name=Smp_08
8660;owner=irisadmin@local.host;orig_id=Smp_088660.1;date_last_modif
ied=2022-07-31;Name=Smp_088660.1;product=Chromatin complexes subunit
BAP18;date_creation=2022-07-30
SM_V9_2 iris    exon    44525910        44525996        .       +
        .       Parent=Smp_088660.1;Name=3979e388-5049-4ab0-
bd30-8a72aa0c8d25
SM_V9_2 iris    exon    44527358        44527810        .       +
        .       Parent=Smp_088660.1;Name=1f293839-7670-4411-
b8e8-9fc7121b6b3d
SM_V9_2 iris    exon    44527844        44527930        .       +
        .       Parent=Smp_088660.1;Name=43ec44b5-f084-4447-840f-
dd6f5b51a4b5
SM_V9_2 iris    exon    44527964        44528032        .       +
        .
Parent=Smp_088660.1;Name=ef2843db-7b76-4d62-9322-4c21541d57e0
SM_V9_2 iris    exon    44529984        44530310        .       +
        .       Parent=Smp_088660.1;Name=2d0d1801-
bcb8-4d9b-810f-1a07da0a3483
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SM_V9_2 iris    exon    44533466        44533835        .       +
        .       Parent=Smp_088660.1;Name=bb8dc48b-
ec1d-438a-84a5-88cd126f857c
SM_V9_2 iris    CDS     44527541        44527810        .       +
        0       Parent=Smp_088660.1
SM_V9_2 iris    CDS     44527844        44527930        .       +
        0       Parent=Smp_088660.1
SM_V9_2 iris    CDS     44527964        44528032        .       +
        0       Parent=Smp_088660.1
SM_V9_2 iris    CDS     44529984        44530310        .       +
        0       Parent=Smp_088660.1
SM_V9_2 iris    CDS     44533466        44533603        .       +
        0       Parent=Smp_088660.1
SM_V9_2 Liftoff gene    44538813        44563960        .       -
        .       ID=Smp_170400;geneID=Smp_170400
SM_V9_2 Liftoff mRNA    44538813        44563960        .       -
        .
ID=Smp_170400.1;Parent=Smp_170400;geneID=Smp_170400;product=Nicalin-
1;polypeptide_domain=InterPro:IPR007484 Pfam:PF04389
SM_V9_2 Liftoff exon    44538813        44539083        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44540845        44540923        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44543417        44543862        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44546895        44547302        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44549776        44549945        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44551858        44551955        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44559316        44559419        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44560567        44560641        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44560674        44560768        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44560800        44560944        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44560974        44561158        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff exon    44561199        44563960        .       -
        .       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44539021        44539083        .       -
        0       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44540845        44540923        .       -
        1       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44543417        44543862        .       -
        0       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44546895        44547302        .       -
        0       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44549776        44549945        .       -
        2       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44551858        44551955        .       -
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        1       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44559316        44559419        .       -
        0       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44560567        44560641        .       -
        0       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44560674        44560768        .       -
        2       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44560800        44560944        .       -
        0       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44560974        44561158        .       -
        2       Parent=Smp_170400.1
SM_V9_2 Liftoff CDS     44561199        44561373        .       -
        0       Parent=Smp_170400.1
SM_V9_2 Liftoff gene    44573805        44578146        .       -
        .
ID=Smp_332410;geneID=Smp_332410;previous_systematic_id=Smp_170410
SM_V9_2 Liftoff mRNA    44573805        44578146        .       -
        .
ID=Smp_332410.1;Parent=Smp_332410;geneID=Smp_332410;product=Uncharac
terized protein
C9E9.15;polypeptide_domain=InterPro:IPR008979,IPR013857 Pfam:PF08547
SM_V9_2 Liftoff exon    44573805        44574122        .       -
        .       Parent=Smp_332410.1
SM_V9_2 Liftoff exon    44574182        44574400        .       -
        .       Parent=Smp_332410.1
SM_V9_2 Liftoff exon    44574445        44578146        .       -
        .       Parent=Smp_332410.1
SM_V9_2 Liftoff CDS     44573901        44574122        .       -
        0       Parent=Smp_332410.1
SM_V9_2 Liftoff CDS     44574182        44574400        .       -
        0       Parent=Smp_332410.1
SM_V9_2 Liftoff CDS     44574445        44574786        .       -
        0       Parent=Smp_332410.1
SM_V9_2 Liftoff gene    44585348        44587536        .       -
        .
ID=Smp_312140;geneID=Smp_312140;previous_systematic_id=Smp_170410
SM_V9_2 Liftoff mRNA    44585348        44587536        .       -
        .
ID=Smp_312140.1;Parent=Smp_312140;geneID=Smp_312140;product=Uncharac
terized protein
C9E9.15;polypeptide_domain=InterPro:IPR008979,IPR013857 Pfam:PF08547
SM_V9_2 Liftoff exon    44585348        44585665        .       -
        .       Parent=Smp_312140.1
SM_V9_2 Liftoff exon    44585725        44585943        .       -
        .       Parent=Smp_312140.1
SM_V9_2 Liftoff exon    44585988        44587536        .       -
        .       Parent=Smp_312140.1
SM_V9_2 Liftoff CDS     44585444        44585665        .       -
        0       Parent=Smp_312140.1
SM_V9_2 Liftoff CDS     44585725        44585943        .       -
        0       Parent=Smp_312140.1
SM_V9_2 Liftoff CDS     44585988        44586329        .       -
        0       Parent=Smp_312140.1
SM_V9_2 Liftoff gene    44610992        44611832        .       -
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        .       ID=Smp_088700;geneID=Smp_088700
SM_V9_2 Liftoff mRNA    44610992        44611832        .       -
        .
ID=Smp_088700.1;Parent=Smp_088700;geneID=Smp_088700;product=Type 2
topoisomerase subunit A
SM_V9_2 Liftoff exon    44610992        44611216        .       -
        .       Parent=Smp_088700.1
SM_V9_2 Liftoff exon    44611536        44611832        .       -
        .       Parent=Smp_088700.1
SM_V9_2 Liftoff CDS     44610992        44611216        .       -
        0       Parent=Smp_088700.1
SM_V9_2 Liftoff CDS     44611536        44611832        .       -
        0       Parent=Smp_088700.1
SM_V9_2 Liftoff gene    44626967        44627807        .       +
        .       ID=Smp_170420;geneID=Smp_170420
SM_V9_2 Liftoff mRNA    44626967        44627807        .       +
        .
ID=Smp_170420.1;Parent=Smp_170420;geneID=Smp_170420;product=DNA
gyrase subunit A
SM_V9_2 Liftoff exon    44626967        44627263        .       +
        .       Parent=Smp_170420.1
SM_V9_2 Liftoff exon    44627583        44627807        .       +
        .       Parent=Smp_170420.1
SM_V9_2 Liftoff CDS     44626967        44627263        .       +
        0       Parent=Smp_170420.1
SM_V9_2 Liftoff CDS     44627583        44627807        .       +
        0       Parent=Smp_170420.1
SM_V9_2 iris    gene    44636142        44637163        .       -
        .
ID=Smp_088720;geneID=Smp_088720;gene_name=Smp_088720;owner=irisadmin
@local.host;date_last_modified=2022-08-17;date_creation=2022-08-17
SM_V9_2 iris    mRNA    44636142        44637163        .       -
        .
ID=Smp_088720.1;Parent=Smp_088720;geneID=Smp_088720;gene_name=Smp_08
8720;owner=irisadmin@local.host;orig_id=Smp_088720.1;date_last_modif
ied=2022-08-17;Name=Smp_088720.1;product=Uncharacterized protein
C9E9.15;date_creation=2022-08-17
SM_V9_2 iris    exon    44636142        44636475        .       -
        .       Parent=Smp_088720.1;Name=34a46ef0-7ff8-4cca-
bb28-3810b5900330
SM_V9_2 iris    exon    44636521        44636739        .       -
        .       Parent=Smp_088720.1;Name=2c38654e-18d7-4d37-
bd52-495b942143b8
SM_V9_2 iris    exon    44636784        44637163        .       -
        .       Parent=Smp_088720.1;Name=40dbafbd-ccfe-4753-a7e2-
b0b958af6452
SM_V9_2 iris    CDS     44636254        44636475        .       -
        0       Parent=Smp_088720.1
SM_V9_2 iris    CDS     44636521        44636739        .       -
        0       Parent=Smp_088720.1
SM_V9_2 iris    CDS     44636784        44637080        .       -
        0       Parent=Smp_088720.1
SM_V9_2 Liftoff gene    44647357        44653157        .       +
        .       ID=Smp_170430;geneID=Smp_170430
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SM_V9_2 Liftoff mRNA    44647357        44653157        .       +
        .
ID=Smp_170430.1;Parent=Smp_170430;geneID=Smp_170430;product=D-
aspartate oxidase;polypeptide_domain=InterPro:IPR006076,IPR006181
Pfam:PF01266;Ontology_term=GO:0003884,GO:0016491,GO:0055114
SM_V9_2 Liftoff exon    44647357        44648350        .       +
        .       Parent=Smp_170430.1
SM_V9_2 Liftoff exon    44649055        44649381        .       +
        .       Parent=Smp_170430.1
SM_V9_2 Liftoff exon    44651445        44651630        .       +
        .       Parent=Smp_170430.1
SM_V9_2 Liftoff exon    44652925        44653157        .       +
        .       Parent=Smp_170430.1
SM_V9_2 Liftoff CDS     44647985        44648350        .       +
        0       Parent=Smp_170430.1
SM_V9_2 Liftoff CDS     44649055        44649381        .       +
        0       Parent=Smp_170430.1
SM_V9_2 Liftoff CDS     44651445        44651630        .       +
        0       Parent=Smp_170430.1
SM_V9_2 Liftoff CDS     44652925        44653083        .       +
        0       Parent=Smp_170430.1
SM_V9_2 iris    gene    44659970        44673288        .       +
        .
ID=Smp_170440;geneID=Smp_170440;gene_name=Smp_170440;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44659970        44673288        .       +
        .
ID=Smp_170440.1;Parent=Smp_170440;geneID=Smp_170440;gene_name=Smp_17
0440;owner=irisadmin@local.host;orig_id=Smp_170440.2;date_last_modif
ied=2022-07-31;Name=Smp_170440.1;product=Transmembrane protein
209;date_creation=2022-07-30
SM_V9_2 iris    exon    44659970        44659993        .       +
        .       Parent=Smp_170440.1;Name=33626149-
f962-42aa-9d7f-3a28dd991f8f
SM_V9_2 iris    exon    44660674        44660884        .       +
        .       Parent=Smp_170440.1;Name=625a2479-e388-419a-ba0a-
dc50a6bf7e2e
SM_V9_2 iris    exon    44660920        44660987        .       +
        .       Parent=Smp_170440.1;Name=97534f77-2538-4e0b-a032-
ec5389a3fec6
SM_V9_2 iris    exon    44661021        44661122        .       +
        .
Parent=Smp_170440.1;Name=481d7d6d-7b45-4ec6-9638-6d6d97323f1e
SM_V9_2 iris    exon    44661154        44661492        .       +
        .       Parent=Smp_170440.1;Name=678b505e-cd32-4049-
a559-008469418ce1
SM_V9_2 iris    exon    44662984        44663303        .       +
        .       Parent=Smp_170440.1;Name=7bd97102-63ff-4e6d-9e23-
d6f5192b6ada
SM_V9_2 iris    exon    44664013        44664075        .       +
        .       Parent=Smp_170440.1;Name=1de76f39-
e38a-4730-92ec-3e86949ebbcb
SM_V9_2 iris    exon    44664754        44664850        .       +
        .       Parent=Smp_170440.1;Name=f4426853-ad25-4ee0-
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beca-7b2c2ab6551f
SM_V9_2 iris    exon    44665474        44665599        .       +
        .       Parent=Smp_170440.1;Name=b4db8268-b2cb-4979-852a-
fc8ea7e2f3af
SM_V9_2 iris    exon    44669233        44669330        .       +
        .
Parent=Smp_170440.1;Name=5493f551-3608-4f55-8a3a-065f45d39c46
SM_V9_2 iris    exon    44670624        44670738        .       +
        .       Parent=Smp_170440.1;Name=066b988c-45ae-49cc-a91d-
b1d8a41862d3
SM_V9_2 iris    exon    44672319        44672416        .       +
        .       Parent=Smp_170440.1;Name=331783ed-8958-4f4d-
acdd-858595d37f52
SM_V9_2 iris    exon    44672480        44672550        .       +
        .
Parent=Smp_170440.1;Name=73ba4af7-1dba-409e-833a-55868c4120b7
SM_V9_2 iris    exon    44673061        44673288        .       +
        .       Parent=Smp_170440.1;Name=213a8a9b-97fc-4b69-b005-
e56724e0a708
SM_V9_2 iris    CDS     44660751        44660884        .       +
        0       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44660920        44660987        .       +
        1       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44661021        44661122        .       +
        2       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44661154        44661492        .       +
        2       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44662984        44663303        .       +
        2       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44664013        44664075        .       +
        0       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44664754        44664850        .       +
        0       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44665474        44665599        .       +
        2       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44669233        44669330        .       +
        2       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44670624        44670738        .       +
        0       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44672319        44672416        .       +
        2       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44672480        44672550        .       +
        0       Parent=Smp_170440.1
SM_V9_2 iris    CDS     44673061        44673118        .       +
        1       Parent=Smp_170440.1
SM_V9_2 Liftoff gene    44674827        44713423        .       -
        .       ID=Smp_170450;geneID=Smp_170450
SM_V9_2 Liftoff mRNA    44674827        44713423        .       -
        .
ID=Smp_170450.1;Parent=Smp_170450;geneID=Smp_170450;product=Sodium/
potassium/calcium exchanger
4;polypeptide_domain=InterPro:IPR004481,IPR004837
Pfam:PF01699;Ontology_term=GO:0016021,GO:0055085
SM_V9_2 Liftoff exon    44674827        44675675        .       -
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        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44677518        44677643        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44681084        44681185        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44704320        44704688        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44706379        44706677        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44709670        44709770        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44711398        44711484        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44712720        44712820        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff exon    44712857        44713423        .       -
        .       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44675476        44675675        .       -
        2       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44677518        44677643        .       -
        2       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44681084        44681185        .       -
        2       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44704320        44704688        .       -
        2       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44706379        44706677        .       -
        1       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44709670        44709770        .       -
        0       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44711398        44711484        .       -
        0       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44712720        44712820        .       -
        2       Parent=Smp_170450.1
SM_V9_2 Liftoff CDS     44712857        44713271        .       -
        0       Parent=Smp_170450.1
SM_V9_2 iris    gene    44790412        44799000        .       +
        .
ID=Smp_266740;geneID=Smp_266740;gene_name=Smp_266740;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44790412        44799000        .       +
        .
ID=Smp_266740.1;Parent=Smp_266740;geneID=Smp_266740;gene_name=Smp_26
6740;owner=irisadmin@local.host;orig_id=Smp_266740.1;date_last_modif
ied=2022-07-31;Name=Smp_266740.1;product=Glucan endo-1,3-beta-
glucosidase;date_creation=2022-07-30
SM_V9_2 iris    exon    44790412        44790593        .       +
        .
Parent=Smp_266740.1;Name=31061bdf-2339-4868-8a2f-49cacc67b0f9
SM_V9_2 iris    exon    44790640        44790736        .       +
        .       Parent=Smp_266740.1;Name=150dfede-fd0f-45fa-94e0-
d07f0bedaf25
SM_V9_2 iris    exon    44797443        44797632        .       +
        .       Parent=Smp_266740.1;Name=1fb615b5-2da8-4126-9b24-
b4458d1ce3c5
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SM_V9_2 iris    exon    44797669        44797783        .       +
        .       Parent=Smp_266740.1;Name=b82a105f-a25d-4f1b-
b0bf-5f242372f3f2
SM_V9_2 iris    exon    44797816        44797950        .       +
        .       Parent=Smp_266740.1;Name=e592ff74-d864-44ba-
ab91-2eed60738e12
SM_V9_2 iris    exon    44797987        44798043        .       +
        .       Parent=Smp_266740.1;Name=216ab2de-3057-4cd9-
babf-679af04ccf31
SM_V9_2 iris    exon    44798079        44798292        .       +
        .       Parent=Smp_266740.1;Name=a96731de-d0f5-42b8-86a9-
f6733f165149
SM_V9_2 iris    exon    44798335        44798494        .       +
        .       Parent=Smp_266740.1;Name=a4205c6b-a053-44ef-9194-
cf3cd1db11d5
SM_V9_2 iris    exon    44798524        44798660        .       +
        .       Parent=Smp_266740.1;Name=3b10d117-390d-40a8-8256-
d2b3abf54152
SM_V9_2 iris    exon    44798706        44798735        .       +
        .       Parent=Smp_266740.1;Name=f15aeba7-
c004-43d2-91c4-8a44299cc68b
SM_V9_2 iris    exon    44798814        44799000        .       +
        .       Parent=Smp_266740.1;Name=6a0e7c44-e1be-44be-b174-
ae2be5407000
SM_V9_2 iris    CDS     44790728        44790736        .       +
        0       Parent=Smp_266740.1
SM_V9_2 iris    CDS     44797443        44797632        .       +
        0       Parent=Smp_266740.1
SM_V9_2 iris    CDS     44797669        44797783        .       +
        2       Parent=Smp_266740.1
SM_V9_2 iris    CDS     44797816        44797950        .       +
        1       Parent=Smp_266740.1
SM_V9_2 iris    CDS     44797987        44798043        .       +
        1       Parent=Smp_266740.1
SM_V9_2 iris    CDS     44798079        44798163        .       +
        1       Parent=Smp_266740.1
SM_V9_2 iris    gene    44809507        44815316        .       +
        .
ID=Smp_328700;geneID=Smp_328700;gene_name=Smp_328700;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44809507        44815316        .       +
        .
ID=Smp_328700.1;Parent=Smp_328700;geneID=Smp_328700;gene_name=Smp_32
8700;owner=irisadmin@local.host;orig_id=Smp_328700.1;date_last_modif
ied=2022-07-31;Name=Smp_328700.1;product=Toll-like receptor
9;date_creation=2022-07-30
SM_V9_2 iris    exon    44809507        44809820        .       +
        .       Parent=Smp_328700.1;Name=3c2832c9-
a857-4674-8651-1f60279df0fc
SM_V9_2 iris    exon    44810261        44810293        .       +
        .       Parent=Smp_328700.1;Name=56a44192-a481-455e-8345-
bcbd4269ae93
SM_V9_2 iris    exon    44810578        44810610        .       +
        .
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Parent=Smp_328700.1;Name=65574479-0d4d-4cbd-8814-35b4dcb006b5
SM_V9_2 iris    exon    44811041        44811061        .       +
        .       Parent=Smp_328700.1;Name=ef33a53c-
d81c-4afb-9ca7-2325e830ffc7
SM_V9_2 iris    exon    44811832        44811852        .       +
        .       Parent=Smp_328700.1;Name=89b61713-6083-4c50-
a025-35f098be718c
SM_V9_2 iris    exon    44812216        44812236        .       +
        .
Parent=Smp_328700.1;Name=51b3a6d1-87eb-401b-965e-5c6eb0c3476a
SM_V9_2 iris    exon    44813133        44813165        .       +
        .
Parent=Smp_328700.1;Name=47095d34-2329-4ba8-8a69-7729d4d672aa
SM_V9_2 iris    exon    44813744        44813776        .       +
        .
Parent=Smp_328700.1;Name=1abe308b-5c0a-470d-84a0-7e7a0ebde5e8
SM_V9_2 iris    exon    44814153        44814181        .       +
        .
Parent=Smp_328700.1;Name=cbc42d9e-9c7e-4882-9c68-2897a016de45
SM_V9_2 iris    exon    44815300        44815316        .       +
        .
Parent=Smp_328700.1;Name=2780a767-523f-411b-835f-245cc21fb41d
SM_V9_2 iris    CDS     44809772        44809820        .       +
        0       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44810261        44810293        .       +
        2       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44810578        44810610        .       +
        2       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44811041        44811061        .       +
        2       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44811832        44811852        .       +
        2       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44812216        44812236        .       +
        2       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44813133        44813165        .       +
        2       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44813744        44813776        .       +
        2       Parent=Smp_328700.1
SM_V9_2 iris    CDS     44814153        44814166        .       +
        2       Parent=Smp_328700.1
SM_V9_2 Liftoff gene    44824754        44828913        .       -
        .
ID=Smp_336070;geneID=Smp_336070;previous_systematic_id=Smp_170370
SM_V9_2 Liftoff mRNA    44824754        44828913        .       -
        .
ID=Smp_336070.1;Parent=Smp_336070;geneID=Smp_336070;product=Sodium/
potassium/calcium exchanger 4;polypeptide_domain=InterPro:IPR004837
Pfam:PF01699;Ontology_term=GO:0016021,GO:0055085
SM_V9_2 Liftoff exon    44824754        44825302        .       -
        .       Parent=Smp_336070.1
SM_V9_2 Liftoff exon    44826913        44826999        .       -
        .       Parent=Smp_336070.1
SM_V9_2 Liftoff exon    44828235        44828335        .       -
        .       Parent=Smp_336070.1
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SM_V9_2 Liftoff exon    44828372        44828913        .       -
        .       Parent=Smp_336070.1
SM_V9_2 Liftoff CDS     44825282        44825302        .       -
        0       Parent=Smp_336070.1
SM_V9_2 Liftoff CDS     44826913        44826999        .       -
        0       Parent=Smp_336070.1
SM_V9_2 Liftoff CDS     44828235        44828335        .       -
        2       Parent=Smp_336070.1
SM_V9_2 Liftoff CDS     44828372        44828786        .       -
        0       Parent=Smp_336070.1
SM_V9_2 iris    gene    44854067        44862182        .       -
        .
ID=Smp_328710;geneID=Smp_328710;gene_name=Smp_328710;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    44854067        44862182        .       -
        .
ID=Smp_328710.1;Parent=Smp_328710;geneID=Smp_328710;gene_name=Smp_32
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ied=2022-07-31;Name=Smp_328710.1;product=Sodium/potassium/calcium
exchanger 4;date_creation=2022-07-30
SM_V9_2 iris    exon    44854067        44854285        .       -
        .       Parent=Smp_328710.1;Name=ea1f9ca2-00ea-42a0-
abc6-8e51c520d668
SM_V9_2 iris    exon    44856863        44856969        .       -
        .       Parent=Smp_328710.1;Name=1b0405fe-1b05-4b30-8313-
d5c1c532eb3a
SM_V9_2 iris    exon    44858472        44858572        .       -
        .       Parent=Smp_328710.1;Name=c41b3528-b17a-4c1a-90f9-
c64815d18fe8
SM_V9_2 iris    exon    44860182        44860268        .       -
        .       Parent=Smp_328710.1;Name=85c5a109-3876-4809-b8df-
ae949725f1dd
SM_V9_2 iris    exon    44861502        44861602        .       -
        .       Parent=Smp_328710.1;Name=2201aa9f-b2dc-4fff-
abde-77afac2dc0ce
SM_V9_2 iris    exon    44861639        44862182        .       -
        .       Parent=Smp_328710.1;Name=0508170b-6925-4e4c-
b992-9fcf557223f8
SM_V9_2 iris    CDS     44856915        44856969        .       -
        1       Parent=Smp_328710.1
SM_V9_2 iris    CDS     44858472        44858572        .       -
        0       Parent=Smp_328710.1
SM_V9_2 iris    CDS     44860182        44860268        .       -
        0       Parent=Smp_328710.1
SM_V9_2 iris    CDS     44861502        44861602        .       -
        2       Parent=Smp_328710.1
SM_V9_2 iris    CDS     44861639        44862053        .       -
        0       Parent=Smp_328710.1
SM_V9_2 iris    mRNA    44854067        44862182        .       -
        .
ID=Smp_328710.3;Parent=Smp_328710;geneID=Smp_328710;gene_name=Smp_32
8710;owner=irisadmin@local.host;date_last_modified=2022-07-31;Name=S
mp_328710.3;date_creation=2022-07-30
SM_V9_2 iris    exon    44854067        44854285        .       -
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        .       Parent=Smp_328710.3;Name=f6e9a4e3-c165-4750-af06-
e5d9921f4f41
SM_V9_2 iris    exon    44858472        44858572        .       -
        .       Parent=Smp_328710.3;Name=ca79c36d-808c-4d99-
b23f-6612f8d8b14d
SM_V9_2 iris    exon    44860182        44860268        .       -
        .       Parent=Smp_328710.3;Name=c156ade7-8e8a-4596-
b628-202ac21b2a3a
SM_V9_2 iris    exon    44861502        44861602        .       -
        .       Parent=Smp_328710.3;Name=5ccf945e-e01e-498b-9d7f-
e21761cc6b69
SM_V9_2 iris    exon    44861639        44862182        .       -
        .
Parent=Smp_328710.3;Name=2c4289a1-685e-43af-9c4e-9c7b347c4e13
SM_V9_2 iris    CDS     44854276        44854285        .       -
        1       Parent=Smp_328710.3
SM_V9_2 iris    CDS     44858472        44858572        .       -
        0       Parent=Smp_328710.3
SM_V9_2 iris    CDS     44860182        44860268        .       -
        0       Parent=Smp_328710.3
SM_V9_2 iris    CDS     44861502        44861602        .       -
        2       Parent=Smp_328710.3
SM_V9_2 iris    CDS     44861639        44862053        .       -
        0       Parent=Smp_328710.3
SM_V9_2 iris    mRNA    44858125        44862182        .       -
        .
ID=Smp_328710.2;Parent=Smp_328710;geneID=Smp_328710;gene_name=Smp_32
8710;owner=irisadmin@local.host;orig_id=Smp_328710.1;date_last_modif
ied=2022-07-31;Name=Smp_328710.2;date_creation=2022-07-30
SM_V9_2 iris    exon    44858125        44858572        .       -
        .       Parent=Smp_328710.2;Name=30c9f59f-2032-43de-
a316-96b001cffb79
SM_V9_2 iris    exon    44860182        44860268        .       -
        .       Parent=Smp_328710.2;Name=3eff5daf-3b5d-405a-84c5-
c9bf81cfe467
SM_V9_2 iris    exon    44861502        44861602        .       -
        .       Parent=Smp_328710.2;Name=ac4de4fe-4da0-45d6-a24f-
eee16c061441
SM_V9_2 iris    exon    44861639        44862182        .       -
        .       Parent=Smp_328710.2;Name=38428b80-e3ac-44b8-9fbe-
b330911c455b
SM_V9_2 iris    CDS     44858468        44858572        .       -
        0       Parent=Smp_328710.2
SM_V9_2 iris    CDS     44860182        44860268        .       -
        0       Parent=Smp_328710.2
SM_V9_2 iris    CDS     44861502        44861602        .       -
        2       Parent=Smp_328710.2
SM_V9_2 iris    CDS     44861639        44862053        .       -
        0       Parent=Smp_328710.2
SM_V9_2 Liftoff gene    44954192        44957892        .       -
        .       ID=Smp_094390;geneID=Smp_094390
SM_V9_2 Liftoff mRNA    44954192        44957892        .       -
        .
ID=Smp_094390.1;Parent=Smp_094390;geneID=Smp_094390;product=Sodium/
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potassium/calcium exchanger 3;polypeptide_domain=InterPro:IPR004837
Pfam:PF01699;Ontology_term=GO:0016021,GO:0055085
SM_V9_2 Liftoff exon    44954192        44954733        .       -
        .       Parent=Smp_094390.1
SM_V9_2 Liftoff exon    44956344        44956430        .       -
        .       Parent=Smp_094390.1
SM_V9_2 Liftoff exon    44957683        44957762        .       -
        .       Parent=Smp_094390.1
SM_V9_2 Liftoff exon    44957799        44957892        .       -
        .       Parent=Smp_094390.1
SM_V9_2 Liftoff CDS     44954629        44954733        .       -
        0       Parent=Smp_094390.1
SM_V9_2 Liftoff CDS     44956344        44956430        .       -
        0       Parent=Smp_094390.1
SM_V9_2 Liftoff CDS     44957683        44957762        .       -
        2       Parent=Smp_094390.1
SM_V9_2 Liftoff CDS     44957799        44957865        .       -
        0       Parent=Smp_094390.1
SM_V9_2 Liftoff gene    44986146        45010653        .       +
        .       ID=Smp_094380;geneID=Smp_094380
SM_V9_2 Liftoff mRNA    44986146        45010653        .       +
        .
ID=Smp_094380.1;Parent=Smp_094380;geneID=Smp_094380;product=PHD
finger protein
12;polypeptide_domain=InterPro:IPR000253,IPR001965,IPR008984,IPR0110
11,IPR013083,IPR019786,IPR019787
Pfam:PF00498,PF00628;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    44986146        44988045        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    44988098        44988397        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    44989382        44989859        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    44991763        44991862        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    44992781        44993366        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    44996861        44996986        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    44998007        44998469        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    45000199        45000468        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    45003446        45003660        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    45006732        45006878        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff exon    45010061        45010653        .       +
        .       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     44987932        44988045        .       +
        0       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     44988098        44988397        .       +
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SM_V9_2 Liftoff CDS     44989382        44989859        .       +
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        0       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     44991763        44991862        .       +
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SM_V9_2 Liftoff CDS     44992781        44993366        .       +
        1       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     44996861        44996986        .       +
        0       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     44998007        44998469        .       +
        0       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     45000199        45000468        .       +
        2       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     45003446        45003660        .       +
        2       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     45006732        45006878        .       +
        0       Parent=Smp_094380.1
SM_V9_2 Liftoff CDS     45010061        45010417        .       +
        0       Parent=Smp_094380.1
SM_V9_2 Liftoff gene    45106291        45143792        .       -
        .       ID=Smp_166440;geneID=Smp_166440
SM_V9_2 Liftoff mRNA    45106291        45143792        .       -
        .
ID=Smp_166440.1;Parent=Smp_166440;geneID=Smp_166440;product=Protocad
herin gamma-
A1;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_2 Liftoff exon    45106291        45107295        .       -
        .       Parent=Smp_166440.1
SM_V9_2 Liftoff exon    45108281        45110780        .       -
        .       Parent=Smp_166440.1
SM_V9_2 Liftoff exon    45121227        45143792        .       -
        .       Parent=Smp_166440.1
SM_V9_2 Liftoff CDS     45107261        45107295        .       -
        2       Parent=Smp_166440.1
SM_V9_2 Liftoff CDS     45108281        45110780        .       -
        0       Parent=Smp_166440.1
SM_V9_2 Liftoff CDS     45121227        45122630        .       -
        0       Parent=Smp_166440.1
SM_V9_2 Liftoff gene    45180681        45191292        .       -
        .       ID=Smp_082050;geneID=Smp_082050
SM_V9_2 Liftoff mRNA    45180681        45191292        .       -
        .
ID=Smp_082050.1;Parent=Smp_082050;geneID=Smp_082050;product=Ubiquiti
n-conjugating enzyme E2
K;polypeptide_domain=InterPro:IPR000608,IPR009060,IPR015940,IPR01613
5,IPR023313 Pfam:PF00179,PF00627;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    45180681        45181829        .       -
        .       Parent=Smp_082050.1
SM_V9_2 Liftoff exon    45183071        45183299        .       -
        .       Parent=Smp_082050.1
SM_V9_2 Liftoff exon    45187282        45187517        .       -
        .       Parent=Smp_082050.1
SM_V9_2 Liftoff exon    45191098        45191292        .       -
        .       Parent=Smp_082050.1
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SM_V9_2 Liftoff CDS     45181758        45181829        .       -
        0       Parent=Smp_082050.1
SM_V9_2 Liftoff CDS     45183071        45183299        .       -
        1       Parent=Smp_082050.1
SM_V9_2 Liftoff CDS     45187282        45187517        .       -
        0       Parent=Smp_082050.1
SM_V9_2 Liftoff CDS     45191098        45191256        .       -
        0       Parent=Smp_082050.1
SM_V9_2 Liftoff gene    45201346        45207227        .       +
        .       ID=Smp_166430;geneID=Smp_166430
SM_V9_2 Liftoff mRNA    45201346        45207227        .       +
        .
ID=Smp_166430.1;Parent=Smp_166430;geneID=Smp_166430;product=Nuclear
cap-binding protein subunit
2;polypeptide_domain=InterPro:IPR000504,IPR034148
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_2 Liftoff exon    45201346        45201446        .       +
        .       Parent=Smp_166430.1
SM_V9_2 Liftoff exon    45202807        45203127        .       +
        .       Parent=Smp_166430.1
SM_V9_2 Liftoff exon    45207018        45207227        .       +
        .       Parent=Smp_166430.1
SM_V9_2 Liftoff CDS     45201369        45201446        .       +
        0       Parent=Smp_166430.1
SM_V9_2 Liftoff CDS     45202807        45203127        .       +
        0       Parent=Smp_166430.1
SM_V9_2 Liftoff CDS     45207018        45207095        .       +
        0       Parent=Smp_166430.1
SM_V9_2 Liftoff gene    45210210        45211012        .       -
        .       ID=Smp_082030;geneID=Smp_082030
SM_V9_2 Liftoff mRNA    45210210        45211012        .       -
        .
ID=Smp_082030.1;Parent=Smp_082030;geneID=Smp_082030;product=Protein
dj-1beta;polypeptide_domain=InterPro:IPR002818,IPR006287,IPR029062
Pfam:PF01965
SM_V9_2 Liftoff exon    45210210        45211012        .       -
        .       Parent=Smp_082030.1
SM_V9_2 Liftoff CDS     45210325        45210879        .       -
        0       Parent=Smp_082030.1
SM_V9_2 Liftoff gene    45222796        45251615        .       +
        .       ID=Smp_166420;geneID=Smp_166420
SM_V9_2 Liftoff mRNA    45222796        45251615        .       +
        .
ID=Smp_166420.1;Parent=Smp_166420;geneID=Smp_166420;product=Tetratri
copeptide repeat protein
30A;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13174,PF13176,PF13181;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    45222796        45223145        .       +
        .       Parent=Smp_166420.1
SM_V9_2 Liftoff exon    45226888        45227100        .       +
        .       Parent=Smp_166420.1
SM_V9_2 Liftoff exon    45227584        45227808        .       +
        .       Parent=Smp_166420.1
SM_V9_2 Liftoff exon    45231581        45231939        .       +
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        .       Parent=Smp_166420.1
SM_V9_2 Liftoff exon    45235063        45235258        .       +
        .       Parent=Smp_166420.1
SM_V9_2 Liftoff exon    45238939        45239450        .       +
        .       Parent=Smp_166420.1
SM_V9_2 Liftoff exon    45244572        45244684        .       +
        .       Parent=Smp_166420.1
SM_V9_2 Liftoff exon    45251195        45251615        .       +
        .       Parent=Smp_166420.1
SM_V9_2 Liftoff CDS     45222864        45223145        .       +
        0       Parent=Smp_166420.1
SM_V9_2 Liftoff CDS     45226888        45227100        .       +
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SM_V9_2 Liftoff CDS     45227584        45227808        .       +
        0       Parent=Smp_166420.1
SM_V9_2 Liftoff CDS     45231581        45231939        .       +
        0       Parent=Smp_166420.1
SM_V9_2 Liftoff CDS     45235063        45235258        .       +
        1       Parent=Smp_166420.1
SM_V9_2 Liftoff CDS     45238939        45239450        .       +
        0       Parent=Smp_166420.1
SM_V9_2 Liftoff CDS     45244572        45244684        .       +
        1       Parent=Smp_166420.1
SM_V9_2 Liftoff CDS     45251195        45251325        .       +
        2       Parent=Smp_166420.1
SM_V9_2 Liftoff gene    45260956        45262743        .       +
        .       ID=Smp_328730;geneID=Smp_328730
SM_V9_2 Liftoff mRNA    45260956        45262743        .       +
        .
ID=Smp_328730.1;Parent=Smp_328730;geneID=Smp_328730;product=U3 small
nucleolar RNA-associated protein 10
SM_V9_2 Liftoff exon    45260956        45262743        .       +
        .       Parent=Smp_328730.1
SM_V9_2 Liftoff CDS     45261077        45262609        .       +
        0       Parent=Smp_328730.1
SM_V9_2 Liftoff gene    45289858        45311372        .       -
        .
ID=Smp_242120;geneID=Smp_242120;previous_systematic_id=Smp_166410
SM_V9_2 Liftoff mRNA    45289858        45311372        .       -
        .
ID=Smp_242120.1;Parent=Smp_242120;geneID=Smp_242120;product=Mediator
of RNA polymerase II transcription subunit
12;polypeptide_domain=InterPro:IPR019035,IPR021990
Pfam:PF09497,PF12145;Ontology_term=GO:0001104,GO:0006357,GO:0016592
SM_V9_2 Liftoff exon    45289858        45293743        .       -
        .       Parent=Smp_242120.1
SM_V9_2 Liftoff exon    45302366        45306460        .       -
        .       Parent=Smp_242120.1
SM_V9_2 Liftoff exon    45309991        45311372        .       -
        .       Parent=Smp_242120.1
SM_V9_2 Liftoff CDS     45290297        45293743        .       -
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SM_V9_2 Liftoff CDS     45302366        45306460        .       -
        0       Parent=Smp_242120.1
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SM_V9_2 Liftoff CDS     45309991        45311325        .       -
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        .       ID=Smp_166400;geneID=Smp_166400
SM_V9_2 Liftoff mRNA    45325006        45346157        .       +
        .
ID=Smp_166400.1;Parent=Smp_166400;geneID=Smp_166400;product=Eukaryot
ic initiation factor 4A-
II;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR0140
01,IPR014014,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_2 Liftoff exon    45325006        45331595        .       +
        .       Parent=Smp_166400.1
SM_V9_2 Liftoff exon    45333934        45334200        .       +
        .       Parent=Smp_166400.1
SM_V9_2 Liftoff exon    45339335        45339616        .       +
        .       Parent=Smp_166400.1
SM_V9_2 Liftoff exon    45340661        45340830        .       +
        .       Parent=Smp_166400.1
SM_V9_2 Liftoff exon    45343125        45346157        .       +
        .       Parent=Smp_166400.1
SM_V9_2 Liftoff CDS     45331290        45331595        .       +
        0       Parent=Smp_166400.1
SM_V9_2 Liftoff CDS     45333934        45334200        .       +
        0       Parent=Smp_166400.1
SM_V9_2 Liftoff CDS     45339335        45339616        .       +
        0       Parent=Smp_166400.1
SM_V9_2 Liftoff CDS     45340661        45340830        .       +
        0       Parent=Smp_166400.1
SM_V9_2 Liftoff CDS     45343125        45343269        .       +
        1       Parent=Smp_166400.1
SM_V9_2 Liftoff gene    45354575        45366762        .       -
        .
ID=Smp_166390;geneID=Smp_166390;previous_systematic_id=Smp_190640
SM_V9_2 Liftoff mRNA    45354575        45366762        .       -
        .
ID=Smp_166390.1;Parent=Smp_166390;geneID=Smp_166390;product=E3
ubiquitin-protein ligase HECW1;polypeptide_domain=InterPro:IPR001202
Pfam:PF00397;Ontology_term=GO:0005515
SM_V9_2 Liftoff exon    45354575        45355983        .       -
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SM_V9_2 Liftoff exon    45359183        45359315        .       -
        .       Parent=Smp_166390.1
SM_V9_2 Liftoff exon    45363612        45363966        .       -
        .       Parent=Smp_166390.1
SM_V9_2 Liftoff exon    45364495        45364535        .       -
        .       Parent=Smp_166390.1
SM_V9_2 Liftoff exon    45366167        45366243        .       -
        .       Parent=Smp_166390.1
SM_V9_2 Liftoff exon    45366275        45366359        .       -
        .       Parent=Smp_166390.1
SM_V9_2 Liftoff exon    45366413        45366762        .       -
        .       Parent=Smp_166390.1
SM_V9_2 Liftoff CDS     45355792        45355983        .       -
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SM_V9_2 Liftoff CDS     45359183        45359315        .       -
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SM_V9_2 Liftoff CDS     45363612        45363966        .       -
        2       Parent=Smp_166390.1
SM_V9_2 Liftoff CDS     45364495        45364535        .       -
        1       Parent=Smp_166390.1
SM_V9_2 Liftoff CDS     45366167        45366243        .       -
        0       Parent=Smp_166390.1
SM_V9_2 Liftoff CDS     45366275        45366359        .       -
        1       Parent=Smp_166390.1
SM_V9_2 Liftoff CDS     45366413        45366486        .       -
        0       Parent=Smp_166390.1
SM_V9_2 Liftoff gene    45383306        45432408        .       +
        .
ID=Smp_312150;geneID=Smp_312150;previous_systematic_id=Smp_166380,Sm
p_206080
SM_V9_2 Liftoff mRNA    45383306        45432408        .       +
        .
ID=Smp_312150.1;Parent=Smp_312150;geneID=Smp_312150;product=Protein
FAM214A;polypeptide_domain=InterPro:IPR025261,IPR033473
Pfam:PF13889,PF13915
SM_V9_2 Liftoff exon    45383306        45383584        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45383622        45383797        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45383832        45383992        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45384174        45384299        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45384382        45385576        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45389762        45389835        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45391882        45392374        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45410039        45410266        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45421297        45421919        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff exon    45429587        45432408        .       +
        .       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45383551        45383584        .       +
        0       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45383622        45383797        .       +
        2       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45383832        45383992        .       +
        0       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45384174        45384299        .       +
        1       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45384382        45385576        .       +
        1       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45389762        45389835        .       +
        0       Parent=Smp_312150.1
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SM_V9_2 Liftoff CDS     45391882        45392374        .       +
        1       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45410039        45410266        .       +
        0       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45421297        45421919        .       +
        0       Parent=Smp_312150.1
SM_V9_2 Liftoff CDS     45429587        45429815        .       +
        1       Parent=Smp_312150.1
SM_V9_2 iris    gene    45497101        45508472        .       -
        .
ID=Smp_179070;geneID=Smp_179070;gene_name=Smp_179070;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_2 iris    mRNA    45497101        45508472        .       -
        .
ID=Smp_179070.1;Parent=Smp_179070;geneID=Smp_179070;gene_name=Smp_17
9070;owner=irisadmin@local.host;orig_id=Smp_179070.1;date_last_modif
ied=2022-07-31;Name=Smp_179070.1;product=Ribosomal protein S6 kinase
beta-2;date_creation=2022-07-30
SM_V9_2 iris    exon    45497101        45498936        .       -
        .       Parent=Smp_179070.1;Name=d33b895f-b446-411e-a38b-
c04449374a00
SM_V9_2 iris    exon    45503516        45503604        .       -
        .       Parent=Smp_179070.1;Name=13fca67a-
b24f-4485-9c76-8c2e8b069f0d
SM_V9_2 iris    exon    45504811        45504975        .       -
        .       Parent=Smp_179070.1;Name=07d8c6d6-
c7ea-4d67-9674-21603b81abdc
SM_V9_2 iris    exon    45506959        45507108        .       -
        .       Parent=Smp_179070.1;Name=6cb75962-b848-44c4-
bac4-4d9e996ca44c
SM_V9_2 iris    exon    45507143        45507187        .       -
        .       Parent=Smp_179070.1;Name=bd28069f-1c86-45f4-
aa96-6c77a6de0c2b
SM_V9_2 iris    exon    45507223        45507313        .       -
        .       Parent=Smp_179070.1;Name=7220f3fc-ac08-4e1d-8379-
c6386b1f852a
SM_V9_2 iris    exon    45507343        45507525        .       -
        .       Parent=Smp_179070.1;Name=74051657-
c972-450f-983a-00db4099a570
SM_V9_2 iris    exon    45507560        45507693        .       -
        .       Parent=Smp_179070.1;Name=e270b7d6-33b8-479b-9e54-
c4c531619241
SM_V9_2 iris    exon    45507724        45507864        .       -
        .       Parent=Smp_179070.1;Name=f93b0967-
f60b-45fa-8cd9-5b02d12dd4f9
SM_V9_2 iris    exon    45507896        45508013        .       -
        .       Parent=Smp_179070.1;Name=766ab059-1cc3-4813-8b32-
ff9d8f4bbf1a
SM_V9_2 iris    exon    45508049        45508080        .       -
        .       Parent=Smp_179070.1;Name=5825f149-
a5c4-4950-9a68-28b42dcf371d
SM_V9_2 iris    exon    45508117        45508472        .       -
        .       Parent=Smp_179070.1;Name=7c7b0a06-67ad-4102-
b07c-5fea35e955d0
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SM_V9_2 iris    CDS     45498042        45498936        .       -
        1       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45503516        45503604        .       -
        0       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45504811        45504975        .       -
        0       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45506959        45507108        .       -
        0       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45507143        45507187        .       -
        0       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45507223        45507313        .       -
        1       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45507343        45507525        .       -
        1       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45507560        45507693        .       -
        0       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45507724        45507864        .       -
        0       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45507896        45508013        .       -
        1       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45508049        45508080        .       -
        0       Parent=Smp_179070.1
SM_V9_2 iris    CDS     45508117        45508239        .       -
        0       Parent=Smp_179070.1
SM_V9_2 Liftoff gene    45541466        45545739        .       +
        .
ID=Smp_210930;geneID=Smp_210930;previous_systematic_id=Smp_194510
SM_V9_2 Liftoff mRNA    45541466        45545739        .       +
        .
ID=Smp_210930.1;Parent=Smp_210930;geneID=Smp_210930;product=Methylma
lonic aciduria and homocystinuria type D homolog,
mitochondrial;polypeptide_domain=InterPro:IPR019362
Pfam:PF10229;Ontology_term=GO:0009235
SM_V9_2 Liftoff exon    45541466        45541877        .       +
        .       Parent=Smp_210930.1
SM_V9_2 Liftoff exon    45544950        45545037        .       +
        .       Parent=Smp_210930.1
SM_V9_2 Liftoff exon    45545075        45545217        .       +
        .       Parent=Smp_210930.1
SM_V9_2 Liftoff exon    45545255        45545341        .       +
        .       Parent=Smp_210930.1
SM_V9_2 Liftoff exon    45545391        45545739        .       +
        .       Parent=Smp_210930.1
SM_V9_2 Liftoff CDS     45541602        45541877        .       +
        0       Parent=Smp_210930.1
SM_V9_2 Liftoff CDS     45544950        45545037        .       +
        0       Parent=Smp_210930.1
SM_V9_2 Liftoff CDS     45545075        45545217        .       +
        2       Parent=Smp_210930.1
SM_V9_2 Liftoff CDS     45545255        45545341        .       +
        0       Parent=Smp_210930.1
SM_V9_2 Liftoff CDS     45545391        45545576        .       +
        0       Parent=Smp_210930.1
SM_V9_2 iris    gene    45546650        45569668        .       +
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        .
ID=Smp_210920;geneID=Smp_210920;gene_name=Smp_210920;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-08-17
SM_V9_2 iris    mRNA    45546650        45569668        .       +
        .
ID=Smp_210920.1;Parent=Smp_210920;geneID=Smp_210920;gene_name=Smp_21
0920;owner=irisadmin@local.host;orig_id=Smp_210920.1;date_last_modif
ied=2022-11-13;Name=Smp_210920.1;product=RNA pseudouridylate
synthase domain-containing protein 4;date_creation=2022-08-17
SM_V9_2 iris    exon    45546650        45546737        .       +
        .
Parent=Smp_210920.1;Name=c1db9f7e-8d3a-409b-8d0a-0adaca037f93
SM_V9_2 iris    exon    45546780        45546929        .       +
        .       Parent=Smp_210920.1;Name=f24ded0c-4107-4e20-bd1a-
f736d7b432c7
SM_V9_2 iris    exon    45549414        45549815        .       +
        .       Parent=Smp_210920.1;Name=285e0fb4-2d70-4164-8730-
f552670f3a0b
SM_V9_2 iris    exon    45552382        45552540        .       +
        .       Parent=Smp_210920.1;Name=76e43875-00f6-491d-99fa-
d6b8aad45e37
SM_V9_2 iris    exon    45554449        45554493        .       +
        .       Parent=Smp_210920.1;Name=b4a6ccc0-ead3-4510-b3bd-
ee1706223940
SM_V9_2 iris    exon    45556779        45556941        .       +
        .       Parent=Smp_210920.1;Name=9137dd6b-f34e-4593-a56d-
b930d5a7fb35
SM_V9_2 iris    exon    45561560        45561710        .       +
        .       Parent=Smp_210920.1;Name=2fe93374-3740-484a-bd0b-
af26da52d812
SM_V9_2 iris    exon    45566836        45567049        .       +
        .       Parent=Smp_210920.1;Name=ad71f71c-41a4-481a-
b334-3c07394fdbdf
SM_V9_2 iris    exon    45569148        45569668        .       +
        .       Parent=Smp_210920.1;Name=dc83e21d-e54f-4349-
a924-882ad19fdf1d
SM_V9_2 iris    CDS     45546650        45546737        .       +
        0       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45546780        45546929        .       +
        2       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45549414        45549815        .       +
        2       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45552382        45552540        .       +
        2       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45554449        45554493        .       +
        2       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45556779        45556941        .       +
        2       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45561560        45561710        .       +
        1       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45566836        45567049        .       +
        0       Parent=Smp_210920.1
SM_V9_2 iris    CDS     45569148        45569575        .       +
        2       Parent=Smp_210920.1
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SM_V9_2 iris    gene    45597830        45605729        .       -
       .
ID=Smp_350160;geneID=Smp_350160;gene_name=Smp_350160;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    45597830        45605729        .       -
       .
ID=Smp_350160.1;Parent=Smp_350160;geneID=Smp_350160;gene_name=Smp_35
0160;owner=irisadmin@local.host;date_last_modified=2022-08-24;Name=S
mp_350160.1;date_creation=2022-08-24
SM_V9_2 iris    exon    45597830        45598160        .       -
       .       Parent=Smp_350160.1;Name=Smp_350160.1-CDS
SM_V9_2 iris    exon    45598259        45598339        .       -
       .
Parent=Smp_350160.1;Name=e04d9b2f-6a70-4704-8b86-2e30d48095c0
SM_V9_2 iris    exon    45599127        45599260        .       -
       .
Parent=Smp_350160.1;Name=dfd86563-1c49-4a35-882d-9c5d7280c542
SM_V9_2 iris    exon    45600141        45600218        .       -
       .       Parent=Smp_350160.1;Name=b2e1beab-ca48-4294-85d2-
b01a86dbda3e
SM_V9_2 iris    exon    45601994        45602060        .       -
       .       Parent=Smp_350160.1;Name=6288b83e-8c6f-4250-9262-
d95b2b177276
SM_V9_2 iris    exon    45602754        45602818        .       -
       .       Parent=Smp_350160.1;Name=0deb01de-3b71-4ef7-81c7-
ca1bbd444493
SM_V9_2 iris    exon    45603787        45603837        .       -
       .       Parent=Smp_350160.1;Name=7349f563-4937-41b7-8583-
f8c819888828
SM_V9_2 iris    exon    45604851        45604949        .       -
       .       Parent=Smp_350160.1;Name=e306b86c-3817-43c5-b8e6-
e17f3ece33a9
SM_V9_2 iris    exon    45605217        45605283        .       -
       .       Parent=Smp_350160.1;Name=c35d9fbc-1fe8-4d50-8b37-
e78e8119aec1
SM_V9_2 iris    exon    45605341        45605433        .       -
       .       Parent=Smp_350160.1;Name=e60a6cce-e95e-4c72-b29e-
ff799d89b2a1
SM_V9_2 iris    exon    45605471        45605615        .       -
       .       Parent=Smp_350160.1;Name=ea98d57a-a1ef-4867-
a0eb-7ec3780ada9b
SM_V9_2 iris    exon    45605699        45605729        .       -
       .       Parent=Smp_350160.1;Name=f55abbae-1bbe-4bb5-
ba6f-41493485d5f5
SM_V9_2 iris    CDS     45598008        45598160        .       -
       0       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45598259        45598339        .       -
       0       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45599127        45599260        .       -
       2       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45600141        45600218        .       -
       2       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45601994        45602060        .       -
       0       Parent=Smp_350160.1
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SM_V9_2 iris    CDS     45602754        45602818        .       -
        2       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45603787        45603837        .       -
        2       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45604851        45604949        .       -
        2       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45605217        45605283        .       -
        0       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45605341        45605433        .       -
        0       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45605471        45605615        .       -
        1       Parent=Smp_350160.1
SM_V9_2 iris    CDS     45605699        45605703        .       -
        0       Parent=Smp_350160.1
SM_V9_2 iris    mRNA    45597830        45605729        .       -
        .
ID=Smp_350160.2;Parent=Smp_350160;geneID=Smp_350160;gene_name=Smp_35
0160;owner=irisadmin@local.host;date_last_modified=2022-08-24;Name=S
mp_350160.2;date_creation=2022-08-24
SM_V9_2 iris    exon    45597830        45598160        .       -
        .
Parent=Smp_350160.2;Name=db988437-034c-4d4c-829f-477775872c8a
SM_V9_2 iris    exon    45598259        45598339        .       -
        .       Parent=Smp_350160.2;Name=2d018040-3d2b-4b2f-a13e-
e951ee09959c
SM_V9_2 iris    exon    45599127        45599260        .       -
        .       Parent=Smp_350160.2;Name=d255dc18-
d00e-451c-80ee-6d62faed4325
SM_V9_2 iris    exon    45600141        45600218        .       -
        .       Parent=Smp_350160.2;Name=04f6dacf-1285-4c57-
b0cd-2f78960882a3
SM_V9_2 iris    exon    45601994        45602060        .       -
        .       Parent=Smp_350160.2;Name=ae0129c2-b1b5-4dc5-
a138-92663fd54e22
SM_V9_2 iris    exon    45602754        45602818        .       -
        .       Parent=Smp_350160.2;Name=07df2775-eb9d-4a47-8800-
a1a0acd45336
SM_V9_2 iris    exon    45604851        45604949        .       -
        .       Parent=Smp_350160.2;Name=f716d479-944b-42f6-
b716-5fd9be303a76
SM_V9_2 iris    exon    45605217        45605283        .       -
        .
Parent=Smp_350160.2;Name=a037e217-283b-4ff8-95d8-81444220d1ed
SM_V9_2 iris    exon    45605341        45605433        .       -
        .       Parent=Smp_350160.2;Name=3c692416-a148-4fe1-96d4-
c37f1cdfcd4c
SM_V9_2 iris    exon    45605471        45605615        .       -
        .       Parent=Smp_350160.2;Name=aba192f8-ed1d-433e-b8ce-
bd8742955480
SM_V9_2 iris    exon    45605699        45605729        .       -
        .       Parent=Smp_350160.2;Name=c3c08934-869c-4ccc-
a9e9-20cb1be4d382
SM_V9_2 iris    CDS     45598008        45598160        .       -
        0       Parent=Smp_350160.2
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SM_V9_2 iris    CDS     45598259        45598339        .       -
        0       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45599127        45599260        .       -
        2       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45600141        45600218        .       -
        2       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45601994        45602060        .       -
        0       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45602754        45602818        .       -
        2       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45604851        45604949        .       -
        2       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45605217        45605283        .       -
        0       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45605341        45605433        .       -
        0       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45605471        45605615        .       -
        1       Parent=Smp_350160.2
SM_V9_2 iris    CDS     45605699        45605703        .       -
        0       Parent=Smp_350160.2
SM_V9_2 iris    gene    45673440        45682268        .       +
        .
ID=Smp_350150;geneID=Smp_350150;gene_name=Smp_350150;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_2 iris    mRNA    45673440        45682268        .       +
        .
ID=Smp_350150.1;Parent=Smp_350150;geneID=Smp_350150;gene_name=Smp_35
0150;owner=irisadmin@local.host;date_last_modified=2022-08-24;Name=S
mp_350150.1;date_creation=2022-08-24
SM_V9_2 iris    exon    45673440        45673467        .       +
        .       Parent=Smp_350150.1;Name=Smp_350150.1-CDS
SM_V9_2 iris    exon    45673551        45673695        .       +
        .
Parent=Smp_350150.1;Name=79c351d4-9926-4c00-8f8a-4aebdb557523
SM_V9_2 iris    exon    45673733        45673825        .       +
        .       Parent=Smp_350150.1;Name=2c680351-87ff-436c-
b2cf-2c37f9e81720
SM_V9_2 iris    exon    45673883        45673952        .       +
        .       Parent=Smp_350150.1;Name=ba6a847b-91d9-49fe-
a1e5-460ccd48ee85
SM_V9_2 iris    exon    45674232        45674324        .       +
        .       Parent=Smp_350150.1;Name=f46abbb8-0d1d-4060-82cf-
ecd958d3f197
SM_V9_2 iris    exon    45675359        45675409        .       +
        .       Parent=Smp_350150.1;Name=8a020568-897a-4e7f-8b48-
a68869197c80
SM_V9_2 iris    exon    45676399        45676463        .       +
        .       Parent=Smp_350150.1;Name=cef0f4d8-5f7d-40b5-83e7-
b5f70f6f16c7
SM_V9_2 iris    exon    45677154        45677220        .       +
        .       Parent=Smp_350150.1;Name=6effaeb6-7ee3-4249-
bf79-1e43ed3f4965
SM_V9_2 iris    exon    45679000        45679077        .       +
        .       Parent=Smp_350150.1;Name=e06eac0c-2728-44df-8dc1-
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f7dab6626c1f
SM_V9_2 iris    exon    45679923        45680056        .       +
        .       Parent=Smp_350150.1;Name=67f774dd-
b305-4444-9764-585338bc04d9
SM_V9_2 iris    exon    45680834        45680962        .       +
        .       Parent=Smp_350150.1;Name=0d8b767e-a4b2-439d-b86a-
db99269e2fbe
SM_V9_2 iris    exon    45681738        45681866        .       +
        .
Parent=Smp_350150.1;Name=b6609dfe-2c6a-48d8-840e-93760fbc3fb9
SM_V9_2 iris    exon    45681917        45682268        .       +
        .
Parent=Smp_350150.1;Name=59d8801d-28d1-46fe-9114-1525ebc7494a
SM_V9_2 iris    CDS     45673463        45673467        .       +
        0       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45673551        45673695        .       +
        1       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45673733        45673825        .       +
        0       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45673883        45673952        .       +
        0       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45674232        45674324        .       +
        2       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45675359        45675409        .       +
        2       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45676399        45676463        .       +
        2       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45677154        45677220        .       +
        0       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45679000        45679077        .       +
        2       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45679923        45680056        .       +
        2       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45680834        45680962        .       +
        0       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45681738        45681866        .       +
        0       Parent=Smp_350150.1
SM_V9_2 iris    CDS     45681917        45682069        .       +
        0       Parent=Smp_350150.1
SM_V9_3 iris    gene    16526   24149   .       +       .
ID=Smp_118780;geneID=Smp_118780;gene_name=Smp_118780;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_3 iris    mRNA    16526   24149   .       +       .
ID=Smp_118780.1;Parent=Smp_118780;geneID=Smp_118780;gene_name=Smp_11
8780;owner=irisadmin@local.host;orig_id=Smp_118780.1;date_last_modif
ied=2022-07-18;Name=Smp_118780.1;product=2-aminoethanethiol
dioxygenase;date_creation=2022-07-18
SM_V9_3 iris    exon    16526   16594   .       +       .
Parent=Smp_118780.1;Name=9df878cc-7414-46f2-8ee2-16caa8d44f91
SM_V9_3 iris    exon    22120   24149   .       +       .
Parent=Smp_118780.1;Name=545177b1-938f-43a6-9028-3c40e7a22593
SM_V9_3 iris    CDS     22168   23115   .       +       0
Parent=Smp_118780.1
SM_V9_3 Liftoff gene    64551   66489   .       +       .
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ID=Smp_327200;geneID=Smp_327200
SM_V9_3 Liftoff mRNA    64551   66489   .       +       .
ID=Smp_327200.1;Parent=Smp_327200;geneID=Smp_327200;product=Fanconi
anemia group J protein homolog
SM_V9_3 Liftoff exon    64551   64698   .       +       .
Parent=Smp_327200.1
SM_V9_3 Liftoff exon    66029   66489   .       +       .
Parent=Smp_327200.1
SM_V9_3 Liftoff CDS     64558   64698   .       +       0
Parent=Smp_327200.1
SM_V9_3 Liftoff CDS     66029   66433   .       +       0
Parent=Smp_327200.1
SM_V9_3 Liftoff gene    71274   76792   .       -       .
ID=Smp_327210;geneID=Smp_327210
SM_V9_3 Liftoff mRNA    71274   76792   .       -       .
ID=Smp_327210.1;Parent=Smp_327210;geneID=Smp_327210;product=Fanconi
anemia group J protein;polypeptide_domain=InterPro:IPR006555
Pfam:PF13307;Ontology_term=GO:0003676,GO:0005524,GO:0006139,GO:00080
26,GO:0016818
SM_V9_3 Liftoff exon    71274   71652   .       -       .
Parent=Smp_327210.1
SM_V9_3 Liftoff exon    73898   74253   .       -       .
Parent=Smp_327210.1
SM_V9_3 Liftoff exon    76443   76792   .       -       .
Parent=Smp_327210.1
SM_V9_3 Liftoff CDS     71532   71652   .       -       1
Parent=Smp_327210.1
SM_V9_3 Liftoff CDS     73898   74253   .       -       0
Parent=Smp_327210.1
SM_V9_3 Liftoff CDS     76443   76760   .       -       0
Parent=Smp_327210.1
SM_V9_3 Liftoff gene    84860   86255   .       +       .
ID=Smp_327220;geneID=Smp_327220
SM_V9_3 Liftoff mRNA    84860   86255   .       +       .
ID=Smp_327220.1;Parent=Smp_327220;geneID=Smp_327220;product=3-
phosphoshikimate 1-carboxyvinyltransferase
SM_V9_3 Liftoff exon    84860   86255   .       +       .
Parent=Smp_327220.1
SM_V9_3 Liftoff CDS     84921   86201   .       +       0
Parent=Smp_327220.1
SM_V9_3 Liftoff gene    100557  103786  .       -       .
ID=Smp_327230;geneID=Smp_327230
SM_V9_3 Liftoff mRNA    100557  103786  .       -       .
ID=Smp_327230.1;Parent=Smp_327230;geneID=Smp_327230;product=3-
phosphoshikimate 1-carboxyvinyltransferase
SM_V9_3 Liftoff exon    100557  103786  .       -       .
Parent=Smp_327230.1
SM_V9_3 Liftoff CDS     100621  101982  .       -       0
Parent=Smp_327230.1
SM_V9_3 iris    gene    141586  170486  .       -       .
ID=Smp_309950;geneID=Smp_309950;gene_name=Smp_309950;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_3 iris    mRNA    141586  170486  .       -       .
ID=Smp_309950.1;Parent=Smp_309950;geneID=Smp_309950;gene_name=Smp_30
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9950;owner=irisadmin@local.host;orig_id=Smp_309950.1;date_last_modif
ied=2022-07-25;Name=Smp_309950.1;product=Chromosome-associated
kinesin KIF4;date_creation=2022-07-25
SM_V9_3 iris    exon    141586  142376  .       -       .
Parent=Smp_309950.1;Name=309d22d1-15f8-4567-86d9-c2f17ec1e639
SM_V9_3 iris    exon    144465  144734  .       -       .
Parent=Smp_309950.1;Name=d34f7b6d-6f6b-4fd6-9484-b84a594ff3c7
SM_V9_3 iris    exon    146235  146366  .       -       .
Parent=Smp_309950.1;Name=3a2bdd74-282a-4092-a554-25ca84c4c2c8
SM_V9_3 iris    exon    148689  148835  .       -       .
Parent=Smp_309950.1;Name=57036c41-c19c-4ffd-9e61-2c999bac3342
SM_V9_3 iris    exon    149154  149550  .       -       .
Parent=Smp_309950.1;Name=9f23573e-8dba-4742-8480-44b749356a45
SM_V9_3 iris    exon    152285  152490  .       -       .
Parent=Smp_309950.1;Name=cd114d9d-01e3-455d-afc5-c1fdea1333a6
SM_V9_3 iris    exon    154993  155227  .       -       .
Parent=Smp_309950.1;Name=94b09f33-1c9b-4f8a-9805-b261c5d7c732
SM_V9_3 iris    exon    156340  156592  .       -       .
Parent=Smp_309950.1;Name=525b2654-9fb8-402c-95aa-a5bfb31aff56
SM_V9_3 iris    exon    159848  160052  .       -       .
Parent=Smp_309950.1;Name=239b4acd-bac6-467f-85c8-c6e49e224eb5
SM_V9_3 iris    exon    160371  160488  .       -       .
Parent=Smp_309950.1;Name=43234d49-35fb-4a0b-8bd3-efb6a06881ca
SM_V9_3 iris    exon    160532  160668  .       -       .
Parent=Smp_309950.1;Name=cc2516a8-da9c-434e-b629-a2b8a725c7ff
SM_V9_3 iris    exon    161676  161943  .       -       .
Parent=Smp_309950.1;Name=62753679-11eb-4475-ac33-0f61e31e755b
SM_V9_3 iris    exon    166806  167016  .       -       .
Parent=Smp_309950.1;Name=5d91a2f4-ac00-4a59-a2c3-385befc1a1df
SM_V9_3 iris    exon    168106  168385  .       -       .
Parent=Smp_309950.1;Name=870f0d45-f471-400f-8d28-026a38327ffc
SM_V9_3 iris    exon    168425  168508  .       -       .
Parent=Smp_309950.1;Name=b26576bf-0ff4-451b-8d21-e4b28f70d41c
SM_V9_3 iris    exon    168545  169027  .       -       .
Parent=Smp_309950.1;Name=c1bee2f7-07ec-4268-9722-8e85a3b29b56
SM_V9_3 iris    exon    170462  170486  .       -       .
Parent=Smp_309950.1;Name=c401b8bf-c1d4-4b74-a531-8a66392f9326
SM_V9_3 iris    CDS     141897  142376  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     144465  144734  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     146235  146366  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     148689  148835  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     149154  149550  .       -       1
Parent=Smp_309950.1
SM_V9_3 iris    CDS     152285  152490  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     154993  155227  .       -       1
Parent=Smp_309950.1
SM_V9_3 iris    CDS     156340  156592  .       -       2
Parent=Smp_309950.1
SM_V9_3 iris    CDS     159848  160052  .       -       0
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Parent=Smp_309950.1
SM_V9_3 iris    CDS     160371  160488  .       -       1
Parent=Smp_309950.1
SM_V9_3 iris    CDS     160532  160668  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     161676  161943  .       -       1
Parent=Smp_309950.1
SM_V9_3 iris    CDS     166806  167016  .       -       2
Parent=Smp_309950.1
SM_V9_3 iris    CDS     168106  168385  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     168425  168508  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    CDS     168545  168958  .       -       0
Parent=Smp_309950.1
SM_V9_3 iris    gene    192150  207399  .       +       .
ID=Smp_313440;geneID=Smp_313440;gene_name=Smp_313440;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    192150  207399  .       +       .
ID=Smp_313440.1;Parent=Smp_313440;geneID=Smp_313440;gene_name=Smp_31
3440;owner=irisadmin@local.host;orig_id=Smp_313440.1;date_last_modif
ied=2022-08-23;Name=Smp_313440.1;product=Fanconi anemia group J
protein homolog;date_creation=2022-08-23
SM_V9_3 iris    exon    192150  192264  .       +       .
Parent=Smp_313440.1;Name=b34908fc-f27a-4359-8508-cea9f137969b
SM_V9_3 iris    exon    192295  192406  .       +       .
Parent=Smp_313440.1;Name=915262c9-022c-4cb9-917c-41a44e629f7d
SM_V9_3 iris    exon    193206  193257  .       +       .
Parent=Smp_313440.1;Name=6296397c-61f1-409b-9e83-b20cd6a2c48d
SM_V9_3 iris    exon    193303  193389  .       +       .
Parent=Smp_313440.1;Name=122f9426-d963-47d5-b5f3-22282a9ec246
SM_V9_3 iris    exon    193445  193538  .       +       .
Parent=Smp_313440.1;Name=ccf19632-0c2a-4deb-a134-3eabceabbb26
SM_V9_3 iris    exon    193584  193700  .       +       .
Parent=Smp_313440.1;Name=9e607725-5191-4804-8768-b2241bb70ad4
SM_V9_3 iris    exon    193744  193845  .       +       .
Parent=Smp_313440.1;Name=fe98f148-1956-4c0e-ba83-7b5365ac47fc
SM_V9_3 iris    exon    193886  194021  .       +       .
Parent=Smp_313440.1;Name=aa378d72-895d-4908-94ed-3875e8c8a689
SM_V9_3 iris    exon    200833  200879  .       +       .
Parent=Smp_313440.1;Name=b90b9010-3346-4de6-9aa6-84702dfc3f77
SM_V9_3 iris    exon    202402  202554  .       +       .
Parent=Smp_313440.1;Name=d5dc6d3e-582a-4cea-925b-7d8134ec1600
SM_V9_3 iris    exon    203189  203358  .       +       .
Parent=Smp_313440.1;Name=c6cbe0ba-d50b-4376-b068-26d7a10e4786
SM_V9_3 iris    exon    205461  205608  .       +       .
Parent=Smp_313440.1;Name=9b088445-57a4-4b5d-b659-cdba6e5ac46f
SM_V9_3 iris    exon    206939  207399  .       +       .
Parent=Smp_313440.1;Name=f1a640ea-4e8f-432a-b2ba-a429dc4fe059
SM_V9_3 iris    CDS     192178  192264  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    CDS     192295  192406  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    CDS     193206  193257  .       +       2
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Parent=Smp_313440.1
SM_V9_3 iris    CDS     193303  193389  .       +       1
Parent=Smp_313440.1
SM_V9_3 iris    CDS     193445  193538  .       +       1
Parent=Smp_313440.1
SM_V9_3 iris    CDS     193584  193700  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    CDS     193744  193845  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    CDS     193886  194021  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    CDS     200833  200879  .       +       2
Parent=Smp_313440.1
SM_V9_3 iris    CDS     202402  202554  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    CDS     203189  203358  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    CDS     205461  205608  .       +       1
Parent=Smp_313440.1
SM_V9_3 iris    CDS     206939  207343  .       +       0
Parent=Smp_313440.1
SM_V9_3 iris    gene    212183  236146  .       -       .
ID=Smp_317020;geneID=Smp_317020;gene_name=Smp_317020;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    212183  236146  .       -       .
ID=Smp_317020.1;Parent=Smp_317020;geneID=Smp_317020;gene_name=Smp_31
7020;owner=irisadmin@local.host;orig_id=Smp_317020.1;date_last_modif
ied=2022-08-23;Name=Smp_317020.1;product=Fanconi anemia group J
protein homolog;date_creation=2022-08-23
SM_V9_3 iris    exon    212183  212561  .       -       .
Parent=Smp_317020.1;Name=c84b6812-88ea-44e6-8ce2-aaf0b5ab1867
SM_V9_3 iris    exon    214807  215162  .       -       .
Parent=Smp_317020.1;Name=7ba143a4-4adf-4c21-9653-c8ce29758707
SM_V9_3 iris    exon    217358  217702  .       -       .
Parent=Smp_317020.1;Name=db4e9607-79c6-4e26-a839-633ed2f1ee91
SM_V9_3 iris    exon    222886  223278  .       -       .
Parent=Smp_317020.1;Name=58f80d3d-cb76-4eeb-9d86-4ad0c5854a9b
SM_V9_3 iris    exon    224607  224717  .       -       .
Parent=Smp_317020.1;Name=ea0b8af8-eb8d-4cf0-a828-167e2f8bb676
SM_V9_3 iris    exon    224719  224755  .       -       .
Parent=Smp_317020.1;Name=fc142486-fda4-4de7-a766-dab73b965f06
SM_V9_3 iris    exon    226859  227028  .       -       .
Parent=Smp_317020.1;Name=e582c28c-87ad-4be1-99e8-bdf8fef8b7f0
SM_V9_3 iris    exon    227663  227815  .       -       .
Parent=Smp_317020.1;Name=76919cfb-48ed-4112-96db-397fbc68d6b2
SM_V9_3 iris    exon    229355  229401  .       -       .
Parent=Smp_317020.1;Name=328a11e5-50b8-407d-8979-6dee343e72f2
SM_V9_3 iris    exon    230899  231034  .       -       .
Parent=Smp_317020.1;Name=b5c6781d-aaf0-4ee7-97c0-8ec345309d04
SM_V9_3 iris    exon    231075  231176  .       -       .
Parent=Smp_317020.1;Name=66e1dc30-4c8c-4312-acec-18e2cc1efe9c
SM_V9_3 iris    exon    231220  231336  .       -       .
Parent=Smp_317020.1;Name=9273640c-f40f-4592-9f88-9dfbc43799cf
SM_V9_3 iris    exon    231382  231475  .       -       .
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Parent=Smp_317020.1;Name=5778d8d4-b167-4873-b46b-d4d429baee54
SM_V9_3 iris    exon    231531  231617  .       -       .
Parent=Smp_317020.1;Name=c6e98df7-1aa0-4671-8e2c-ed98c0c12473
SM_V9_3 iris    exon    231663  231714  .       -       .
Parent=Smp_317020.1;Name=3181e3af-f00f-4732-8ef2-0b729bf8897a
SM_V9_3 iris    exon    235769  235804  .       -       .
Parent=Smp_317020.1;Name=c569fab4-5a16-44b3-a373-d39165cd553e
SM_V9_3 iris    exon    235898  236009  .       -       .
Parent=Smp_317020.1;Name=92d71b50-31db-41d8-93ea-cb0402d12f0c
SM_V9_3 iris    exon    236040  236146  .       -       .
Parent=Smp_317020.1;Name=66f38b49-baad-4f31-9ee9-7314db7fa1a2
SM_V9_3 iris    CDS     212441  212561  .       -       1
Parent=Smp_317020.1
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Parent=Smp_317020.1
SM_V9_3 iris    CDS     217358  217702  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     222886  223278  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     224607  224717  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     224719  224755  .       -       1
Parent=Smp_317020.1
SM_V9_3 iris    CDS     226859  227028  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     227663  227815  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     229355  229401  .       -       2
Parent=Smp_317020.1
SM_V9_3 iris    CDS     230899  231034  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     231075  231176  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     231220  231336  .       -       0
Parent=Smp_317020.1
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Parent=Smp_317020.1
SM_V9_3 iris    CDS     231531  231617  .       -       1
Parent=Smp_317020.1
SM_V9_3 iris    CDS     231663  231714  .       -       2
Parent=Smp_317020.1
SM_V9_3 iris    CDS     235769  235804  .       -       2
Parent=Smp_317020.1
SM_V9_3 iris    CDS     235898  236009  .       -       0
Parent=Smp_317020.1
SM_V9_3 iris    CDS     236040  236126  .       -       0
Parent=Smp_317020.1
SM_V9_3 Liftoff gene    268280  302094  .       +       .
ID=Smp_309960;geneID=Smp_309960;previous_systematic_id=Smp_173450
SM_V9_3 Liftoff mRNA    268280  302094  .       +       .
ID=Smp_309960.1;Parent=Smp_309960;geneID=Smp_309960;product=Chromoso
me-associated kinesin
KIF4;polypeptide_domain=InterPro:IPR001752,IPR019821,IPR027417
Pfam:PF00225;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:00080
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17
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Parent=Smp_309960.1
SM_V9_3 Liftoff exon    270259  270342  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    270382  270661  .       +       .
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SM_V9_3 Liftoff exon    271750  271960  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    276767  277034  .       +       .
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SM_V9_3 Liftoff exon    278045  278181  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    278233  278350  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    278669  278873  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    286086  286338  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    287451  287685  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    290189  290394  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    292793  293189  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    293509  293655  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    296714  296845  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    298340  298609  .       +       .
Parent=Smp_309960.1
SM_V9_3 Liftoff exon    301289  302094  .       +       .
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Parent=Smp_309960.1
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SM_V9_3 Liftoff CDS     276767  277034  .       +       1
Parent=Smp_309960.1
SM_V9_3 Liftoff CDS     278045  278181  .       +       0
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SM_V9_3 Liftoff CDS     278233  278350  .       +       1
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SM_V9_3 Liftoff CDS     286086  286338  .       +       2
Parent=Smp_309960.1
SM_V9_3 Liftoff CDS     287451  287685  .       +       1
Parent=Smp_309960.1
SM_V9_3 Liftoff CDS     290189  290394  .       +       0
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SM_V9_3 Liftoff CDS     292793  293189  .       +       1
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SM_V9_3 Liftoff CDS     293509  293655  .       +       0
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SM_V9_3 Liftoff CDS     298340  298609  .       +       0
Parent=Smp_309960.1
SM_V9_3 Liftoff CDS     301289  301783  .       +       0
Parent=Smp_309960.1
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@local.host;date_last_modified=2022-08-23;date_creation=2022-07-25
SM_V9_3 iris    mRNA    324612  327359  .       +       .
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SM_V9_3 iris    exon    324612  324696  .       +       .
Parent=Smp_093620.1;Name=Smp_093620.1-CDS
SM_V9_3 iris    exon    325882  327359  .       +       .
Parent=Smp_093620.1;Name=995d7591-7457-4603-bf5f-246d058d6b25
SM_V9_3 iris    CDS     324676  324696  .       +       0
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SM_V9_3 iris    CDS     325882  327261  .       +       0
Parent=Smp_093620.1
SM_V9_3 Liftoff gene    348810  350798  .       +       .
ID=Smp_327240;geneID=Smp_327240
SM_V9_3 Liftoff mRNA    348810  350798  .       +       .
ID=Smp_327240.1;Parent=Smp_327240;geneID=Smp_327240;product=RecBCD
enzyme subunit RecD
SM_V9_3 Liftoff exon    348810  350798  .       +       .
Parent=Smp_327240.1
SM_V9_3 Liftoff CDS     349326  350420  .       +       0
Parent=Smp_327240.1
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ID=Smp_350090;geneID=Smp_350090;gene_name=Smp_350090;owner=irisadmin
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SM_V9_3 iris    mRNA    371463  373859  .       +       .
ID=Smp_350090.1;Parent=Smp_350090;geneID=Smp_350090;gene_name=Smp_35
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SM_V9_3 iris    exon    371463  373859  .       +       .
Parent=Smp_350090.1;Name=Smp_350090.1-CDS
SM_V9_3 iris    CDS     371689  373452  .       +       0
Parent=Smp_350090.1
SM_V9_3 iris    gene    418178  423741  .       -       .
ID=Smp_349780;geneID=Smp_349780;gene_name=Smp_349780;owner=irisadmin
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SM_V9_3 iris    mRNA    418178  423741  .       -       .
ID=Smp_349780.1;Parent=Smp_349780;geneID=Smp_349780;gene_name=Smp_34
9780;owner=irisadmin@local.host;date_last_modified=2022-08-03;Name=S
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SM_V9_3 iris    exon    418178  418638  .       -       .
Parent=Smp_349780.1;Name=Smp_349780.1-CDS
SM_V9_3 iris    exon    423303  423469  .       -       .
Parent=Smp_349780.1;Name=90503462-8312-456b-a4a1-f2b10b98aa5f
SM_V9_3 iris    exon    423504  423609  .       -       .
Parent=Smp_349780.1;Name=946b7e23-1a3b-4a21-a740-4f509837d5c4
SM_V9_3 iris    exon    423648  423741  .       -       .
Parent=Smp_349780.1;Name=0d702576-ccd9-42c8-866f-2e3acb0f3723
SM_V9_3 iris    CDS     418561  418638  .       -       0
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SM_V9_3 iris    CDS     423303  423469  .       -       2
Parent=Smp_349780.1
SM_V9_3 iris    CDS     423504  423609  .       -       0
Parent=Smp_349780.1
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Parent=Smp_349780.1
SM_V9_3 iris    gene    443857  454557  .       +       .
ID=Smp_348930;geneID=Smp_348930;gene_name=Smp_348930;owner=irisadmin
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SM_V9_3 iris    exon    443857  443885  .       +       .
Parent=Smp_348930.1;Name=Smp_348930.1-CDS
SM_V9_3 iris    exon    443992  444136  .       +       .
Parent=Smp_348930.1;Name=a75bc198-c625-482a-8694-b90cc3c4eb8b
SM_V9_3 iris    exon    444179  444271  .       +       .
Parent=Smp_348930.1;Name=43c767a6-c1c3-45bb-903c-f19bd5ec48c3
SM_V9_3 iris    exon    444332  444401  .       +       .
Parent=Smp_348930.1;Name=42c8871d-1ad7-476b-aaf2-d6b17f025e67
SM_V9_3 iris    exon    446080  446172  .       +       .
Parent=Smp_348930.1;Name=b152ad94-641d-416d-989c-c1a01930d26f
SM_V9_3 iris    exon    447606  447656  .       +       .
Parent=Smp_348930.1;Name=503d3d89-d48d-4ce0-8f84-51544f6bce27
SM_V9_3 iris    exon    449366  449424  .       +       .
Parent=Smp_348930.1;Name=df2789cb-fe39-4345-b45b-945a4b4b3d47
SM_V9_3 iris    exon    451443  451518  .       +       .
Parent=Smp_348930.1;Name=297be182-9300-4c3d-9d13-38e7c2f9101e
SM_V9_3 iris    exon    452231  452317  .       +       .
Parent=Smp_348930.1;Name=21d9e1de-7294-46e4-969a-056f6acc9afa
SM_V9_3 iris    exon    453894  454046  .       +       .
Parent=Smp_348930.1;Name=caf40eb6-55fc-46c6-8faa-05c421c21009
SM_V9_3 iris    exon    454145  454557  .       +       .
Parent=Smp_348930.1;Name=302066b7-bcc8-49f6-8538-6220d057ca07
SM_V9_3 iris    CDS     443881  443885  .       +       0
Parent=Smp_348930.1
SM_V9_3 iris    CDS     443992  444136  .       +       1
Parent=Smp_348930.1
SM_V9_3 iris    CDS     444179  444271  .       +       0
Parent=Smp_348930.1
SM_V9_3 iris    CDS     444332  444401  .       +       0
Parent=Smp_348930.1
SM_V9_3 iris    CDS     446080  446172  .       +       2
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Parent=Smp_348930.1
SM_V9_3 iris    CDS     447606  447656  .       +       2
Parent=Smp_348930.1
SM_V9_3 iris    CDS     449366  449424  .       +       2
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SM_V9_3 iris    CDS     451443  451518  .       +       0
Parent=Smp_348930.1
SM_V9_3 iris    CDS     452231  452317  .       +       2
Parent=Smp_348930.1
SM_V9_3 iris    CDS     453894  454046  .       +       2
Parent=Smp_348930.1
SM_V9_3 iris    CDS     454145  454161  .       +       2
Parent=Smp_348930.1
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SM_V9_3 iris    mRNA    467618  478092  .       +       .
ID=Smp_348940.1;Parent=Smp_348940;geneID=Smp_348940;gene_name=Smp_34
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SM_V9_3 iris    exon    467618  467648  .       +       .
Parent=Smp_348940.1;Name=Smp_348940.1-CDS
SM_V9_3 iris    exon    467755  467899  .       +       .
Parent=Smp_348940.1;Name=a86f0bf5-f407-4984-87fd-a3904b3e8e7c
SM_V9_3 iris    exon    467942  468034  .       +       .
Parent=Smp_348940.1;Name=6df79053-8233-4b2b-87b1-1f48530bc5f1
SM_V9_3 iris    exon    468095  468164  .       +       .
Parent=Smp_348940.1;Name=b5688c96-a675-46d7-b41f-e543691c2101
SM_V9_3 iris    exon    470205  470297  .       +       .
Parent=Smp_348940.1;Name=abbe95d5-f05c-46f2-ab6c-ecc5cc6fc524
SM_V9_3 iris    exon    471717  471767  .       +       .
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SM_V9_3 iris    exon    472555  472613  .       +       .
Parent=Smp_348940.1;Name=456a311a-1627-42bb-9096-1f1edc24caac
SM_V9_3 iris    exon    474609  474684  .       +       .
Parent=Smp_348940.1;Name=81f4b616-0dc6-421d-a2ed-9901e61a2b8c
SM_V9_3 iris    exon    475641  475727  .       +       .
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Parent=Smp_348940.1;Name=6083ebe7-c46c-4e11-970c-89cad0d98706
SM_V9_3 iris    exon    477613  478092  .       +       .
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SM_V9_3 iris    CDS     468095  468164  .       +       0
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SM_V9_3 iris    CDS     470205  470297  .       +       2
Parent=Smp_348940.1
SM_V9_3 iris    CDS     471717  471767  .       +       2
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SM_V9_3 iris    CDS     472555  472613  .       +       2
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SM_V9_3 iris    CDS     475641  475727  .       +       2
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SM_V9_3 iris    CDS     477362  477510  .       +       2
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SM_V9_3 iris    CDS     477613  477840  .       +       0
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SM_V9_3 iris    exon    537800  538219  .       -       .
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SM_V9_3 iris    exon    538322  538470  .       -       .
Parent=Smp_349810.1;Name=0acf5d06-e2a2-4d29-a344-c205837c73bd
SM_V9_3 iris    exon    540070  540156  .       -       .
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SM_V9_3 iris    exon    540873  540948  .       -       .
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SM_V9_3 iris    exon    542959  543017  .       -       .
Parent=Smp_349810.1;Name=f5fd986f-5f09-4316-aa4a-e4b7c061739f
SM_V9_3 iris    exon    544517  544567  .       -       .
Parent=Smp_349810.1;Name=53215b62-32eb-44f1-90e9-39dd032779a8
SM_V9_3 iris    exon    545986  546078  .       -       .
Parent=Smp_349810.1;Name=fb0cc1ce-bd00-4d5b-9021-1cd2fc13d8b8
SM_V9_3 iris    exon    548146  548215  .       -       .
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SM_V9_3 iris    exon    548325  548368  .       -       .
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SM_V9_3 iris    CDS     545986  546078  .       -       2
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Parent=Smp_349810.1
SM_V9_3 iris    CDS     548325  548368  .       -       0
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SM_V9_3 iris    CDS     548411  548555  .       -       1
Parent=Smp_349810.1
SM_V9_3 iris    CDS     548662  548666  .       -       0
Parent=Smp_349810.1
SM_V9_3 iris    gene    567616  577137  .       +       .
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SM_V9_3 iris    exon    567616  567646  .       +       .
Parent=Smp_349820.1;Name=Smp_349820.1-CDS
SM_V9_3 iris    exon    567753  567897  .       +       .
Parent=Smp_349820.1;Name=5e1ed227-0739-43f4-a2fa-aca971fef67d
SM_V9_3 iris    exon    567940  568032  .       +       .
Parent=Smp_349820.1;Name=93c8d607-f524-4d31-9802-06e670fb7397
SM_V9_3 iris    exon    568094  568163  .       +       .
Parent=Smp_349820.1;Name=32d35a59-e5e1-4bd2-8177-338f151c4ff3
SM_V9_3 iris    exon    571041  571091  .       +       .
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Parent=Smp_349820.1;Name=c92c45b3-edc8-4070-8570-7117bec32e47
SM_V9_3 iris    exon    574869  574955  .       +       .
Parent=Smp_349820.1;Name=41f9a3aa-4274-48f6-b897-817b13c06481
SM_V9_3 iris    exon    576533  577137  .       +       .
Parent=Smp_349820.1;Name=88eb8795-cc5f-4e88-a313-01699087dac6
SM_V9_3 iris    CDS     567642  567646  .       +       0
Parent=Smp_349820.1
SM_V9_3 iris    CDS     567753  567897  .       +       1
Parent=Smp_349820.1
SM_V9_3 iris    CDS     567940  568032  .       +       0
Parent=Smp_349820.1
SM_V9_3 iris    CDS     568094  568163  .       +       0
Parent=Smp_349820.1
SM_V9_3 iris    CDS     571041  571091  .       +       2
Parent=Smp_349820.1
SM_V9_3 iris    CDS     572592  572650  .       +       2
Parent=Smp_349820.1
SM_V9_3 iris    CDS     574087  574162  .       +       0
Parent=Smp_349820.1
SM_V9_3 iris    CDS     574869  574955  .       +       2
Parent=Smp_349820.1
SM_V9_3 iris    CDS     576533  576696  .       +       2
Parent=Smp_349820.1
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SM_V9_3 iris    gene    671254  681838  .       -       .
ID=Smp_348950;geneID=Smp_348950;gene_name=Smp_348950;owner=irisadmin
@local.host;date_last_modified=2022-10-18;date_creation=2022-07-18
SM_V9_3 iris    mRNA    671248  681838  .       -       .
ID=Smp_348950.1;Parent=Smp_348950;geneID=Smp_348950;gene_name=Smp_34
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SM_V9_3 iris    exon    671248  671705  .       -       .
Parent=Smp_348950.1;Name=Smp_348950.1-CDS
SM_V9_3 iris    exon    671810  671958  .       -       .
Parent=Smp_348950.1;Name=bc85ddc1-6426-452c-9d88-ef8db804bf70
SM_V9_3 iris    exon    673514  673600  .       -       .
Parent=Smp_348950.1;Name=d358b981-020e-4443-af43-c007552d21c4
SM_V9_3 iris    exon    674314  674389  .       -       .
Parent=Smp_348950.1;Name=873e72d0-24f0-4423-9b99-be6e43196617
SM_V9_3 iris    exon    676114  676172  .       -       .
Parent=Smp_348950.1;Name=824fc3f2-18f9-491e-9848-3777e79a4c37
SM_V9_3 iris    exon    677674  677724  .       -       .
Parent=Smp_348950.1;Name=eb03b3ed-6d36-49ce-8815-a305828c9745
SM_V9_3 iris    exon    679158  679250  .       -       .
Parent=Smp_348950.1;Name=cbcacd3e-fdef-4719-b5b1-18955bde258c
SM_V9_3 iris    exon    681296  681365  .       -       .
Parent=Smp_348950.1;Name=74483b07-51ca-473e-b47b-f195b8316274
SM_V9_3 iris    exon    681427  681519  .       -       .
Parent=Smp_348950.1;Name=14b2ec43-44ea-4cca-a889-b819060cda93
SM_V9_3 iris    exon    681562  681706  .       -       .
Parent=Smp_348950.1;Name=51d59ae8-6017-41f5-8219-50b8fe64becc
SM_V9_3 iris    exon    681813  681838  .       -       .
Parent=Smp_348950.1;Name=076fd79b-f7cc-45c0-82da-90d340ef1909
SM_V9_3 iris    CDS     671478  671705  .       -       0
Parent=Smp_348950.1
SM_V9_3 iris    CDS     671810  671958  .       -       2
Parent=Smp_348950.1
SM_V9_3 iris    CDS     673514  673600  .       -       2
Parent=Smp_348950.1
SM_V9_3 iris    CDS     674314  674389  .       -       0
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SM_V9_3 iris    CDS     676114  676172  .       -       2
Parent=Smp_348950.1
SM_V9_3 iris    CDS     677674  677724  .       -       2
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SM_V9_3 iris    CDS     679158  679250  .       -       2
Parent=Smp_348950.1
SM_V9_3 iris    CDS     681296  681365  .       -       0
Parent=Smp_348950.1
SM_V9_3 iris    CDS     681427  681519  .       -       0
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SM_V9_3 iris    CDS     681562  681706  .       -       1
Parent=Smp_348950.1
SM_V9_3 iris    CDS     681813  681817  .       -       0
Parent=Smp_348950.1
SM_V9_3 iris    gene    747104  757514  .       -       .
ID=Smp_349400;geneID=Smp_349400;gene_name=Smp_349400;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-18
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SM_V9_3 iris    mRNA    747102  757514  .       -       .
ID=Smp_349400.1;Parent=Smp_349400;geneID=Smp_349400;gene_name=Smp_34
9400;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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SM_V9_3 iris    exon    747102  747443  .       -       .
Parent=Smp_349400.1;Name=Smp_349400.1-CDS
SM_V9_3 iris    exon    747558  747706  .       -       .
Parent=Smp_349400.1;Name=fb9551b2-5664-4041-8de3-707a1e99c94a
SM_V9_3 iris    exon    749260  749346  .       -       .
Parent=Smp_349400.1;Name=9108a1fb-e729-407c-b8cc-29392aaf940a
SM_V9_3 iris    exon    750060  750131  .       -       .
Parent=Smp_349400.1;Name=eff6570d-c973-41fc-9e8c-acea5a5188be
SM_V9_3 iris    exon    752135  752197  .       -       .
Parent=Smp_349400.1;Name=77aabea4-0247-4fe6-a710-9c3856fae3e8
SM_V9_3 iris    exon    753697  753740  .       -       .
Parent=Smp_349400.1;Name=7442d4a5-c47d-4328-944a-eb8be406b27f
SM_V9_3 iris    exon    754832  754928  .       -       .
Parent=Smp_349400.1;Name=a53ddb23-b0fc-4f99-a22d-d136a2d0e0da
SM_V9_3 iris    exon    756969  757038  .       -       .
Parent=Smp_349400.1;Name=72b26c28-04d4-462f-900a-034bdee9ba68
SM_V9_3 iris    exon    757100  757192  .       -       .
Parent=Smp_349400.1;Name=a01bec71-133e-45ef-8c01-b1ed05d29277
SM_V9_3 iris    exon    757235  757379  .       -       .
Parent=Smp_349400.1;Name=8a25f4f3-947d-46da-9771-49cc73b5bb6d
SM_V9_3 iris    exon    757486  757514  .       -       .
Parent=Smp_349400.1;Name=112728e7-58cc-4ecb-ae74-c080945c6998
SM_V9_3 iris    CDS     747333  747443  .       -       0
Parent=Smp_349400.1
SM_V9_3 iris    CDS     747558  747706  .       -       2
Parent=Smp_349400.1
SM_V9_3 iris    CDS     749260  749346  .       -       2
Parent=Smp_349400.1
SM_V9_3 iris    CDS     750060  750131  .       -       2
Parent=Smp_349400.1
SM_V9_3 iris    CDS     752135  752197  .       -       2
Parent=Smp_349400.1
SM_V9_3 iris    CDS     753697  753740  .       -       1
Parent=Smp_349400.1
SM_V9_3 iris    CDS     754832  754928  .       -       2
Parent=Smp_349400.1
SM_V9_3 iris    CDS     756969  757038  .       -       0
Parent=Smp_349400.1
SM_V9_3 iris    CDS     757100  757192  .       -       0
Parent=Smp_349400.1
SM_V9_3 iris    CDS     757235  757379  .       -       1
Parent=Smp_349400.1
SM_V9_3 iris    CDS     757486  757490  .       -       0
Parent=Smp_349400.1
SM_V9_3 iris    gene    792253  806076  .       +       .
ID=Smp_349410;geneID=Smp_349410;gene_name=Smp_349410;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-18
SM_V9_3 iris    mRNA    792164  806078  .       +       .
ID=Smp_349410.1;Parent=Smp_349410;geneID=Smp_349410;gene_name=Smp_34
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SM_V9_3 iris    exon    792164  792613  .       +       .
Parent=Smp_349410.1;Name=Smp_349410.1-CDS
SM_V9_3 iris    exon    795320  796270  .       +       .
Parent=Smp_349410.1;Name=2ee785ef-0452-41e8-add3-46f59a6235f6
SM_V9_3 iris    exon    797486  798403  .       +       .
Parent=Smp_349410.1;Name=2b674eb3-81ac-4709-a195-7d2cbc5d0d37
SM_V9_3 iris    exon    798532  798765  .       +       .
Parent=Smp_349410.1;Name=195fd1fa-062f-4e25-ba91-5134cb6eb743
SM_V9_3 iris    exon    798858  798988  .       +       .
Parent=Smp_349410.1;Name=7263214f-4f7d-4ba9-ba75-d5e999b0de30
SM_V9_3 iris    exon    803614  803806  .       +       .
Parent=Smp_349410.1;Name=1c39c247-3749-4002-911c-cf639b68751f
SM_V9_3 iris    exon    805095  806078  .       +       .
Parent=Smp_349410.1;Name=c7509b17-86ac-41f3-8f1e-9433bd410c16
SM_V9_3 iris    CDS     792493  792613  .       +       0
Parent=Smp_349410.1
SM_V9_3 iris    CDS     795320  796270  .       +       2
Parent=Smp_349410.1
SM_V9_3 iris    CDS     797486  798403  .       +       2
Parent=Smp_349410.1
SM_V9_3 iris    CDS     798532  798765  .       +       2
Parent=Smp_349410.1
SM_V9_3 iris    CDS     798858  798988  .       +       2
Parent=Smp_349410.1
SM_V9_3 iris    CDS     803614  803806  .       +       0
Parent=Smp_349410.1
SM_V9_3 iris    CDS     805095  805483  .       +       2
Parent=Smp_349410.1
SM_V9_3 iris    gene    826060  829924  .       -       .
ID=Smp_328910;geneID=Smp_328910;gene_name=Smp_328910;owner=irisadmin
@local.host;date_last_modified=2022-11-08;date_creation=2022-08-04
SM_V9_3 iris    mRNA    826060  829924  .       -       .
ID=Smp_328910.1;Parent=Smp_328910;geneID=Smp_328910;gene_name=Smp_32
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ied=2022-11-08;Name=Smp_328910.1;date_creation=2022-08-04
SM_V9_3 iris    exon    826060  826305  .       -       .
Parent=Smp_328910.1;Name=Smp_328910.1-CDS
SM_V9_3 iris    exon    827728  827824  .       -       .
Parent=Smp_328910.1;Name=33b826fe-0b0d-4a7f-86da-96086938b351
SM_V9_3 iris    exon    829861  829924  .       -       .
Parent=Smp_328910.1;Name=c75b1050-1108-45b1-b593-d00d9f88117a
SM_V9_3 iris    CDS     826099  826305  .       -       0
Parent=Smp_328910.1
SM_V9_3 iris    CDS     827728  827814  .       -       0
Parent=Smp_328910.1
SM_V9_3 iris    gene    867859  882474  .       +       .
ID=Smp_328750;geneID=Smp_328750;gene_name=Smp_328750;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_3 iris    mRNA    867859  882474  .       +       .
ID=Smp_328750.1;Parent=Smp_328750;geneID=Smp_328750;gene_name=Smp_32
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Parent=Smp_328750.1;Name=c7c1bea3-2543-49f3-b4f6-686173a2a8b0
SM_V9_3 iris    exon    867995  868139  .       +       .
Parent=Smp_328750.1;Name=7fea03b0-eb92-425d-8500-77590f9d8de9
SM_V9_3 iris    exon    868182  868274  .       +       .
Parent=Smp_328750.1;Name=ebcb7d93-bf6a-4d83-9d52-45836ffb1bd8
SM_V9_3 iris    exon    868335  868404  .       +       .
Parent=Smp_328750.1;Name=99991ea0-7a59-45b8-b037-14a6c14fc270
SM_V9_3 iris    exon    870410  870502  .       +       .
Parent=Smp_328750.1;Name=941c29d3-b0d6-4973-8ec8-c9e4d638fb7c
SM_V9_3 iris    exon    871457  871507  .       +       .
Parent=Smp_328750.1;Name=f08219eb-621b-452e-80b8-2c10298d90ca
SM_V9_3 iris    exon    873341  873399  .       +       .
Parent=Smp_328750.1;Name=9b87c93d-58b9-4a2b-ac23-ea745ea1ded4
SM_V9_3 iris    exon    875417  875492  .       +       .
Parent=Smp_328750.1;Name=afee0f4b-fba7-4d52-a1c9-228de83e5255
SM_V9_3 iris    exon    876206  876291  .       +       .
Parent=Smp_328750.1;Name=38c31452-23f9-416c-87fe-a7d7a02339ac
SM_V9_3 iris    exon    881795  881943  .       +       .
Parent=Smp_328750.1;Name=0060f00d-ff0e-423a-a460-ae627ac987d9
SM_V9_3 iris    exon    882048  882474  .       +       .
Parent=Smp_328750.1;Name=3f84f7b9-9e6c-4eed-8608-2206306b5f40
SM_V9_3 iris    CDS     867884  867888  .       +       0
Parent=Smp_328750.1
SM_V9_3 iris    CDS     867995  868139  .       +       1
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SM_V9_3 iris    CDS     868182  868274  .       +       0
Parent=Smp_328750.1
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Parent=Smp_328750.1
SM_V9_3 iris    CDS     870410  870502  .       +       2
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SM_V9_3 iris    CDS     871457  871507  .       +       2
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Parent=Smp_328750.1
SM_V9_3 iris    CDS     875417  875492  .       +       0
Parent=Smp_328750.1
SM_V9_3 iris    CDS     876206  876291  .       +       2
Parent=Smp_328750.1
SM_V9_3 iris    CDS     881795  881809  .       +       0
Parent=Smp_328750.1
SM_V9_3 iris    gene    939006  941440  .       -       .
ID=Smp_328770;geneID=Smp_328770;gene_name=Smp_328770;owner=irisadmin
@local.host;date_last_modified=2022-08-04;date_creation=2022-08-04
SM_V9_3 iris    mRNA    939006  941440  .       -       .
ID=Smp_328770.1;Parent=Smp_328770;geneID=Smp_328770;gene_name=Smp_32
8770;owner=irisadmin@local.host;orig_id=Smp_328770.1;date_last_modif
ied=2022-08-04;Name=Smp_328770.1;product=Microtubule-associated
protein 1A;date_creation=2022-08-04
SM_V9_3 iris    exon    939006  939496  .       -       .
Parent=Smp_328770.1;Name=50fd2c39-53ec-4acf-89cd-479da3383814
SM_V9_3 iris    exon    939599  939747  .       -       .
Parent=Smp_328770.1;Name=583ff192-a52d-4804-a1f6-36b3f44044e5
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SM_V9_3 iris    exon    941351  941440  .       -       .
Parent=Smp_328770.1;Name=2ed00daf-0bef-4b55-8374-b702c8fab5cf
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Parent=Smp_328770.1
SM_V9_3 iris    CDS     939599  939736  .       -       0
Parent=Smp_328770.1
SM_V9_3 iris    gene    953887  956741  .       -       .
ID=Smp_350440;geneID=Smp_350440;gene_name=Smp_350440;owner=irisadmin
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SM_V9_3 iris    mRNA    953885  956745  .       -       .
ID=Smp_350440.1;Parent=Smp_350440;geneID=Smp_350440;gene_name=Smp_35
0440;owner=irisadmin@local.host;date_last_modified=2022-11-04;Name=S
mp_350440.1;date_creation=2022-08-24
SM_V9_3 iris    exon    953885  954222  .       -       .
Parent=Smp_350440.1;Name=Smp_350440.1-CDS
SM_V9_3 iris    exon    954337  954485  .       -       .
Parent=Smp_350440.1;Name=8befbdbc-7bbb-4ddc-a562-a4cf3667d393
SM_V9_3 iris    exon    955867  955953  .       -       .
Parent=Smp_350440.1;Name=cf41deb0-e416-46fb-abcd-91140710aa0f
SM_V9_3 iris    exon    956667  956745  .       -       .
Parent=Smp_350440.1;Name=f05a503f-f51b-496e-915a-b119422f4c04
SM_V9_3 iris    CDS     954112  954222  .       -       0
Parent=Smp_350440.1
SM_V9_3 iris    CDS     954337  954485  .       -       2
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SM_V9_3 iris    CDS     955867  955953  .       -       2
Parent=Smp_350440.1
SM_V9_3 iris    CDS     956667  956745  .       -       0
Parent=Smp_350440.1
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ID=Smp_348500;geneID=Smp_348500;gene_name=Smp_348500;owner=irisadmin
@local.host;date_last_modified=2022-08-04;date_creation=2022-07-18
SM_V9_3 iris    mRNA    984959  995689  .       -       .
ID=Smp_348500.1;Parent=Smp_348500;geneID=Smp_348500;gene_name=Smp_34
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protein 1;date_creation=2022-07-18
SM_V9_3 iris    exon    984959  985398  .       -       .
Parent=Smp_348500.1;Name=2f0084a2-33cf-48fe-9f57-c3e2d1fe18ce
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Parent=Smp_348500.1;Name=c3ce8a0d-1b3b-420e-9a27-82d4aa80968e
SM_V9_3 iris    exon    987080  987166  .       -       .
Parent=Smp_348500.1;Name=cd5e2002-5045-4025-9356-d8d0b5d946fd
SM_V9_3 iris    exon    987873  987948  .       -       .
Parent=Smp_348500.1;Name=9e1a6a00-79ff-4ae8-99e4-9df8d5fcf4e0
SM_V9_3 iris    exon    989952  990010  .       -       .
Parent=Smp_348500.1;Name=e07cd8bc-bde2-4f00-9d2a-2225a8f59485
SM_V9_3 iris    exon    991510  991560  .       -       .
Parent=Smp_348500.1;Name=82b0ddef-492d-4c12-9c2d-7a69eb2de02f
SM_V9_3 iris    exon    993042  993134  .       -       .
Parent=Smp_348500.1;Name=036e5432-500a-4100-9905-6b5ec89bc3be
SM_V9_3 iris    exon    995144  995213  .       -       .
Parent=Smp_348500.1;Name=05bdd456-9eb2-4d54-98f3-80b0fda28786
SM_V9_3 iris    exon    995274  995366  .       -       .
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Parent=Smp_348500.1;Name=89344f82-9b1e-4c26-af9e-17dae8e21026
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Parent=Smp_348500.1;Name=5b868892-2cb3-4095-94a2-128aa9cc61aa
SM_V9_3 iris    exon    995660  995689  .       -       .
Parent=Smp_348500.1;Name=958c03d3-d5a4-4e35-a9d2-4178d0703b55
SM_V9_3 iris    CDS     985183  985398  .       -       0
Parent=Smp_348500.1
SM_V9_3 iris    CDS     985501  985649  .       -       2
Parent=Smp_348500.1
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SM_V9_3 iris    CDS     987873  987948  .       -       0
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Parent=Smp_348500.1
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Parent=Smp_348500.1
SM_V9_3 iris    CDS     995144  995213  .       -       0
Parent=Smp_348500.1
SM_V9_3 iris    CDS     995274  995366  .       -       0
Parent=Smp_348500.1
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Parent=Smp_348500.1
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ID=Smp_331970;geneID=Smp_331970;gene_name=Smp_331970;owner=irisadmin
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ID=Smp_331970.1;Parent=Smp_331970;geneID=Smp_331970;gene_name=Smp_33
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CoA reductase;date_creation=2022-07-18
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SM_V9_3 iris    exon    1373663 1373837 .       +       .
Parent=Smp_030710.1;Name=8c62591d-06bf-40a6-94bd-6c4f9b2f49ed
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ID=Smp_138760.1;Parent=Smp_138760;geneID=Smp_138760;gene_name=Smp_13
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SM_V9_3 iris    exon    1393671 1393814 .       -       .
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Parent=Smp_138760.1;Name=d4fe515e-f00c-42f9-a50e-bf22d94811dc
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SM_V9_3 iris    exon    1402960 1403168 .       -       .
Parent=Smp_138760.1;Name=590202f0-bef6-4db7-9ade-630c670d10f5
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ID=Smp_327280;geneID=Smp_327280;previous_systematic_id=Smp_030650
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ID=Smp_327280.1;Parent=Smp_327280;geneID=Smp_327280;product=Alpha-
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Parent=Smp_327280.1
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Parent=Smp_327280.1
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SM_V9_3 iris    mRNA    1461653 1491044 .       +       .
ID=Smp_138750.1;Parent=Smp_138750;geneID=Smp_138750;gene_name=Smp_13
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Parent=Smp_138750.1;Name=4c08ce79-6685-4348-999b-6b710579c1ef
SM_V9_3 iris    exon    1472959 1473037 .       +       .
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SM_V9_3 iris    exon    1473078 1473290 .       +       .
Parent=Smp_138750.1;Name=8be6d18d-ccbf-4328-8488-d41d4e17eaf1
SM_V9_3 iris    exon    1477075 1477118 .       +       .
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SM_V9_3 iris    exon    1482700 1482931 .       +       .
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Parent=Smp_138750.1;Name=ce42fc77-455e-4295-b698-866e6e76c1cf
SM_V9_3 iris    exon    1489326 1489598 .       +       .
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SM_V9_3 iris    CDS     1483300 1483550 .       +       2
Parent=Smp_138750.1
SM_V9_3 iris    CDS     1487186 1487290 .       +       0
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SM_V9_3 iris    CDS     1489326 1489598 .       +       0
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SM_V9_3 iris    CDS     1490596 1490892 .       +       0
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SM_V9_3 Liftoff exon    1513712 1513924 .       +       .
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SM_V9_3 Liftoff exon    1527384 1527662 .       +       .
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SM_V9_3 Liftoff CDS     1517688 1518007 .       +       2
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SM_V9_3 Liftoff CDS     1521646 1521896 .       +       2
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SM_V9_3 Liftoff CDS     1525575 1525679 .       +       0
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Parent=Smp_310050.1
SM_V9_3 Liftoff exon    1556953 1557165 .       +       .
Parent=Smp_310050.1
SM_V9_3 Liftoff exon    1557922 1557965 .       +       .
Parent=Smp_310050.1
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Parent=Smp_310050.1
SM_V9_3 Liftoff exon    1564301 1564532 .       +       .
Parent=Smp_310050.1
SM_V9_3 Liftoff exon    1564812 1565062 .       +       .
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Parent=Smp_310050.1
SM_V9_3 Liftoff exon    1572242 1572769 .       +       .
Parent=Smp_310050.1
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Parent=Smp_310050.1
SM_V9_3 Liftoff CDS     1556953 1557165 .       +       1
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SM_V9_3 Liftoff exon    1570964 1571242 .       +       .
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SM_V9_3 Liftoff exon    1572242 1572769 .       +       .
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SM_V9_3 Liftoff CDS     1556908 1556912 .       +       0
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ID=Smp_138720;geneID=Smp_138720
SM_V9_3 Liftoff mRNA    1644845 1645519 .       +       .
ID=Smp_138720.1;Parent=Smp_138720;geneID=Smp_138720;product=Lysine--
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SM_V9_3 Liftoff exon    1644845 1644969 .       +       .
Parent=Smp_138720.1
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Parent=Smp_138720.1
SM_V9_3 Liftoff CDS     1644845 1644969 .       +       0
Parent=Smp_138720.1
SM_V9_3 Liftoff CDS     1645168 1645519 .       +       1
Parent=Smp_138720.1
SM_V9_3 iris    gene    1659640 1668312 .       +       .
ID=Smp_350080;geneID=Smp_350080;gene_name=Smp_350080;owner=irisadmin
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SM_V9_3 iris    exon    1659640 1659788 .       +       .
Parent=Smp_350080.1;Name=Smp_350080.1-CDS
SM_V9_3 iris    exon    1659825 1659914 .       +       .
Parent=Smp_350080.1;Name=1e003f0c-3e1c-43eb-bb22-eae11ff81951
SM_V9_3 iris    exon    1659966 1660041 .       +       .
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Parent=Smp_350080.1;Name=5f61e8ff-2369-4096-ae7e-633c86425aea
SM_V9_3 iris    exon    1662493 1662557 .       +       .
Parent=Smp_350080.1;Name=dec15cdb-0450-4e06-b320-acbfa27057e5
SM_V9_3 iris    exon    1663513 1663582 .       +       .
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Parent=Smp_350080.1;Name=a736ac57-707e-407c-a266-34c66461dea4
SM_V9_3 iris    exon    1666008 1666136 .       +       .
Parent=Smp_350080.1;Name=1b286b7e-9a38-4d5f-9989-28d163694026
SM_V9_3 iris    exon    1666183 1666311 .       +       .
Parent=Smp_350080.1;Name=05493158-08a1-4ce0-9d24-2a6df4951658
SM_V9_3 iris    exon    1666358 1666486 .       +       .
Parent=Smp_350080.1;Name=d043f868-ee8f-44e0-9ea1-a09ddad7d7fc
SM_V9_3 iris    exon    1666533 1666661 .       +       .
Parent=Smp_350080.1;Name=0d12827f-3aa6-4ee1-906d-eec18be3f058
SM_V9_3 iris    exon    1666708 1666836 .       +       .
Parent=Smp_350080.1;Name=9b0040b4-c2b7-4ebe-819b-0df734982da1
SM_V9_3 iris    exon    1666883 1667011 .       +       .
Parent=Smp_350080.1;Name=6fc06816-c289-447b-8194-572571c5e265
SM_V9_3 iris    exon    1667058 1667186 .       +       .
Parent=Smp_350080.1;Name=10b99667-9955-428b-8497-e868b37b38a6
SM_V9_3 iris    exon    1667233 1667361 .       +       .
Parent=Smp_350080.1;Name=0fc0fb66-ec08-468a-aba8-eb1bf9b5c6c6
SM_V9_3 iris    exon    1667408 1667536 .       +       .
Parent=Smp_350080.1;Name=f8a0b0ad-51f6-4a85-b893-7b78594fe3bb
SM_V9_3 iris    exon    1667583 1667711 .       +       .
Parent=Smp_350080.1;Name=ea1c35f1-9395-431a-906e-cd58202d500a
SM_V9_3 iris    exon    1667758 1667886 .       +       .
Parent=Smp_350080.1;Name=b2ab5162-d08f-4171-986a-95d8db5f7a82
SM_V9_3 iris    exon    1667933 1668312 .       +       .
Parent=Smp_350080.1;Name=1b290927-0b33-40d8-ab1c-8c923c059666
SM_V9_3 iris    CDS     1659735 1659788 .       +       0
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Parent=Smp_350080.1
SM_V9_3 iris    CDS     1660339 1660431 .       +       2
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Parent=Smp_327290.1
SM_V9_3 Liftoff exon    1928960 1929088 .       +       .
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SM_V9_3 Liftoff transcript      1968228 1970857 .       -       .
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Parent=Smp_327300.1
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SM_V9_3 Liftoff exon    1969498 1969626 .       -       .
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Parent=Smp_327300.1
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Parent=Smp_327300.1
SM_V9_3 Liftoff exon    1970023 1970151 .       -       .
Parent=Smp_327300.1
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SM_V9_3 Liftoff exon    1970373 1970501 .       -       .
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SM_V9_3 Liftoff exon    1970548 1970676 .       -       .
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SM_V9_3 Liftoff exon    1970723 1970857 .       -       .
Parent=Smp_327300.1
SM_V9_3 iris    gene    1969653 1976336 .       +       .
ID=Smp_350180;geneID=Smp_350180;gene_name=Smp_350180;owner=irisadmin
@local.host;date_last_modified=2022-11-04;date_creation=2022-08-24
SM_V9_3 iris    mRNA    1969653 1976336 .       +       .
ID=Smp_350180.1;Parent=Smp_350180;geneID=Smp_350180;gene_name=Smp_35
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mp_350180.1;date_creation=2022-08-24
SM_V9_3 iris    exon    1969653 1969678 .       +       .
Parent=Smp_350180.1;Name=Smp_350180.1-CDS
SM_V9_3 iris    exon    1969777 1969921 .       +       .
Parent=Smp_350180.1;Name=7d16a9d7-c528-4320-81e8-d0408a4bb7b7
SM_V9_3 iris    exon    1969958 1970047 .       +       .
Parent=Smp_350180.1;Name=5ba04916-18b9-4aca-9ce2-06caba0912b3
SM_V9_3 iris    exon    1970105 1970174 .       +       .
Parent=Smp_350180.1;Name=0e6ca988-5b54-4b46-aafa-dd6d4b42aa93
SM_V9_3 iris    exon    1970469 1970561 .       +       .
Parent=Smp_350180.1;Name=895a2815-8c24-445b-8335-d9eaf3c0e3f0
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Parent=Smp_350180.1;Name=e3383ba2-dc11-4377-bd94-ed6ba1abcd87
SM_V9_3 iris    exon    1972267 1972335 .       +       .
Parent=Smp_350180.1;Name=a84057f8-af90-4c0a-b77a-24f127e2bd27
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Parent=Smp_350180.1;Name=945d0362-c562-4e16-b0bf-3dc0f06fdd8f
SM_V9_3 iris    exon    1974095 1974172 .       +       .
Parent=Smp_350180.1;Name=c129ee86-0b6b-4915-8c8c-8bc86bc54a5f
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Parent=Smp_350180.1;Name=f4eb38ef-250e-46a0-b135-3b3879ca9146
SM_V9_3 iris    exon    1975995 1976336 .       +       .
Parent=Smp_350180.1;Name=caee5445-7a7f-4faa-8b82-12017408582e
SM_V9_3 iris    CDS     1969674 1969678 .       +       0
Parent=Smp_350180.1
SM_V9_3 iris    CDS     1969777 1969921 .       +       1
Parent=Smp_350180.1
SM_V9_3 iris    CDS     1969958 1970047 .       +       0
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SM_V9_3 iris    CDS     1970105 1970174 .       +       0
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SM_V9_3 iris    CDS     1971660 1971698 .       +       2
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SM_V9_3 iris    CDS     1974095 1974172 .       +       2
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Parent=Smp_350180.1
SM_V9_3 iris    CDS     1975995 1976039 .       +       0
Parent=Smp_350180.1
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ID=Smp_350180.2;Parent=Smp_350180;geneID=Smp_350180;gene_name=Smp_35
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Parent=Smp_350180.2;Name=9cc9d231-6523-4e02-8790-06c57d76f9f7
SM_V9_3 iris    exon    1969777 1969921 .       +       .
Parent=Smp_350180.2;Name=6d163317-eea5-4c34-b21e-8c2e8ce81ffe
SM_V9_3 iris    exon    1969958 1970047 .       +       .
Parent=Smp_350180.2;Name=e17a3f1b-a0de-4e49-bd54-ea8461d8691c
SM_V9_3 iris    exon    1970105 1970174 .       +       .
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SM_V9_3 iris    exon    1970469 1970561 .       +       .
Parent=Smp_350180.2;Name=a600404e-452f-4667-8268-4e549b39bda1
SM_V9_3 iris    exon    1972267 1972335 .       +       .
Parent=Smp_350180.2;Name=9e84877a-d22f-454f-b004-ddbd04d40339
SM_V9_3 iris    exon    1973296 1973355 .       +       .
Parent=Smp_350180.2;Name=ec2dc9e3-4505-4bea-b56e-56ec524594a9
SM_V9_3 iris    exon    1974095 1974172 .       +       .
Parent=Smp_350180.2;Name=32f136cd-14f9-4ab7-8dc7-236411ff418d
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Parent=Smp_350180.2;Name=591d7d33-e565-40a2-9082-d3f78b02467e
SM_V9_3 iris    exon    1975995 1976336 .       +       .
Parent=Smp_350180.2;Name=ac01183e-5005-415b-a7ab-d96498fa9376
SM_V9_3 iris    CDS     1969674 1969678 .       +       0
Parent=Smp_350180.2
SM_V9_3 iris    CDS     1969777 1969921 .       +       1
Parent=Smp_350180.2
SM_V9_3 iris    CDS     1969958 1970047 .       +       0
Parent=Smp_350180.2
SM_V9_3 iris    CDS     1970105 1970174 .       +       0
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SM_V9_3 iris    CDS     1970469 1970561 .       +       2
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SM_V9_3 iris    CDS     1972267 1972335 .       +       2
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SM_V9_3 iris    exon    2098171 2098196 .       +       .
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SM_V9_3 iris    exon    2098295 2098430 .       +       .
Parent=Smp_350100.1;Name=c916115d-7f3b-4807-bf9a-53f07a64a54d
SM_V9_3 iris    exon    2098467 2098556 .       +       .
Parent=Smp_350100.1;Name=4832122c-0b7a-4cf3-855e-efe25fd6adf6
SM_V9_3 iris    exon    2098614 2098683 .       +       .
Parent=Smp_350100.1;Name=45cb2d87-d537-40fb-82ba-619691f7a4b1
SM_V9_3 iris    exon    2098978 2099070 .       +       .
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Parent=Smp_350100.1;Name=4793c231-8464-41cd-b71e-15a1430a7b5b
SM_V9_3 iris    exon    2100776 2100840 .       +       .
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SM_V9_3 iris    exon    2102604 2102681 .       +       .
Parent=Smp_350100.1;Name=aaeac10f-a6eb-4f31-a906-10b693a1cc5c
SM_V9_3 iris    exon    2103769 2103914 .       +       .
Parent=Smp_350100.1;Name=71789c22-c3e8-474d-ac05-a9074544aa6e
SM_V9_3 iris    exon    2104504 2104846 .       +       .
Parent=Smp_350100.1;Name=24fd379b-615b-4ebf-af5f-9529af08e62c
SM_V9_3 iris    CDS     2098192 2098196 .       +       0
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Parent=Smp_350100.1
SM_V9_3 iris    CDS     2098978 2099070 .       +       2
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SM_V9_3 iris    CDS     2100169 2100207 .       +       2
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SM_V9_3 iris    CDS     2100776 2100840 .       +       2
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ID=Smp_315360;geneID=Smp_315360;gene_name=Smp_315360;owner=irisadmin
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ID=Smp_315360.1;Parent=Smp_315360;geneID=Smp_315360;gene_name=Smp_31
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SM_V9_3 iris    exon    2133546 2135335 .       -       .
Parent=Smp_315360.1;Name=3b521b9d-99af-450c-adfd-215f6f50dc86
SM_V9_3 iris    exon    2137804 2138150 .       -       .
Parent=Smp_315360.1;Name=caf8ec07-910d-47a2-b1b2-e11dc7612d26
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ID=Smp_325540.1;Parent=Smp_325540;geneID=Smp_325540;product=5-
hydroxytryptamine receptor 2C
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Parent=Smp_325540.1
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Pfam:PF01392;Ontology_term=GO:0005515
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Parent=Smp_068680.1
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Parent=Smp_068680.1
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Parent=Smp_068680.1
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SM_V9_3 Liftoff CDS     2244999 2245611 .       -       0
Parent=Smp_068680.1
SM_V9_3 Liftoff gene    2282355 2394822 .       -       .
ID=Smp_307600;geneID=Smp_307600;previous_systematic_id=Smp_161670
SM_V9_3 Liftoff mRNA    2282355 2394822 .       -       .
ID=Smp_307600.1;Parent=Smp_307600;geneID=Smp_307600;product=Neurobea
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0,IPR015943,IPR019775,IPR023362
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SM_V9_3 Liftoff exon    2287612 2288477 .       -       .
Parent=Smp_307600.1
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Parent=Smp_307600.1
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SM_V9_3 Liftoff CDS     2389639 2389679 .       -       1
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Parent=Smp_072900.1;Name=19b1e278-f01a-4309-8daa-564753552239
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Parent=Smp_246790.1;Name=f6c52a7a-7393-47e8-848e-1fca5bdac019
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SM_V9_3 iris    exon    2757899 2758110 .       +       .
Parent=Smp_246790.1;Name=b6ddfd50-079f-44a7-863d-647f3d75cb3d
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Parent=Smp_246790.1;Name=7a83a04e-24fa-422b-985a-52bdb28b3b0b
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Parent=Smp_246790.1;Name=77aee7f5-705b-42d1-bda5-78fe05083daf
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Parent=Smp_246790.1;Name=bfbe72d5-7c78-40f2-8b96-0c437385638f
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Parent=Smp_246790.1;Name=8b487766-0e92-4c33-8d5c-117c641a5250
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Parent=Smp_246790.1;Name=cb488f7c-37f3-48b8-86a9-7e343562c1ef
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SM_V9_3 iris    CDS     2759646 2759795 .       +       0
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SM_V9_3 iris    CDS     2760337 2760566 .       +       0
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SM_V9_3 iris    CDS     2761060 2761300 .       +       1
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Parent=Smp_246790.1
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SM_V9_3 iris    CDS     2774368 2774493 .       +       0
Parent=Smp_246790.1
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ID=Smp_246790.3;Parent=Smp_246790;geneID=Smp_246790;gene_name=Smp_24
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Parent=Smp_246790.3;Name=9658d980-785a-4ef6-95a4-4e94693bb2d8
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Parent=Smp_246790.3;Name=69305460-10f9-4380-ba27-8e5f1e60155d
SM_V9_3 iris    exon    2674938 2675104 .       +       .
Parent=Smp_246790.3;Name=bc88d326-64f4-4265-b097-83254c5bf546
SM_V9_3 iris    exon    2680933 2681682 .       +       .
Parent=Smp_246790.3;Name=372eb429-093d-475e-a020-97a7e3833b9f
SM_V9_3 iris    exon    2684382 2684488 .       +       .
Parent=Smp_246790.3;Name=a3d3d26a-b6ec-4eb5-a438-0973d5dc1409
SM_V9_3 iris    exon    2687902 2688080 .       +       .
Parent=Smp_246790.3;Name=db9134c2-a1b5-4a44-9520-bb2e846b0867
SM_V9_3 iris    exon    2692610 2692725 .       +       .
Parent=Smp_246790.3;Name=406cd3ba-ac02-4506-bb04-3b0331305a8c
SM_V9_3 iris    exon    2693519 2693668 .       +       .
Parent=Smp_246790.3;Name=993a3e8a-2dad-4be3-9cbd-cf54d2855dd7
SM_V9_3 iris    exon    2693723 2693776 .       +       .
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Parent=Smp_246790.3;Name=1b96bc30-3fcd-4611-ad0c-6dc7d4bab209
SM_V9_3 iris    exon    2703681 2703810 .       +       .
Parent=Smp_246790.3;Name=75e597fc-b643-48da-994c-36630b3f5eea
SM_V9_3 iris    exon    2705839 2706153 .       +       .
Parent=Smp_246790.3;Name=02b425cc-31b5-4f40-a903-38f077f57e56
SM_V9_3 iris    exon    2718223 2718675 .       +       .
Parent=Smp_246790.3;Name=15e201e7-041a-4064-9c2a-5c6e9867adef
SM_V9_3 iris    exon    2722943 2723539 .       +       .
Parent=Smp_246790.3;Name=758c116c-85d8-42b9-84cc-e0f35954f321
SM_V9_3 iris    exon    2725760 2725792 .       +       .
Parent=Smp_246790.3;Name=71cf6a47-ead8-4198-9dba-c645020eee30
SM_V9_3 iris    exon    2730910 2731022 .       +       .
Parent=Smp_246790.3;Name=4fad7a19-6f11-497a-9692-edf702e46e3b
SM_V9_3 iris    exon    2732983 2733083 .       +       .
Parent=Smp_246790.3;Name=3580a700-00f3-4b99-8e19-f1b348c7d3e3
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Parent=Smp_246790.3;Name=9286da2f-7fd7-4249-a9cf-4342d5b6755d
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Parent=Smp_246790.3;Name=0fe1c21d-0cc8-402d-8322-494edff0d36d
SM_V9_3 iris    exon    2738059 2738150 .       +       .
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SM_V9_3 iris    exon    2740201 2740329 .       +       .
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SM_V9_3 iris    exon    2742889 2742897 .       +       .
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Parent=Smp_246790.3;Name=587e5ff4-6edd-4f4d-b055-a04725889042
SM_V9_3 iris    exon    2753307 2753414 .       +       .
Parent=Smp_246790.3;Name=b26ea5ca-d49f-4f14-be7f-bb00d0cc2f7a
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Parent=Smp_246790.3;Name=8bd91f31-e657-45ea-935e-76d8de9cbd1c
SM_V9_3 iris    exon    2756168 2756367 .       +       .
Parent=Smp_246790.3;Name=6deeeb79-af02-4917-b14d-3a7144de05a7
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SM_V9_3 iris    exon    2759646 2759795 .       +       .
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SM_V9_3 iris    exon    2760337 2760566 .       +       .
Parent=Smp_246790.3;Name=1ba0f85b-579e-45af-b140-6c58b735ddb3
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Parent=Smp_246790.3;Name=2a694299-5880-470f-90a7-4aeff8966e4d
SM_V9_3 iris    exon    2764042 2764124 .       +       .
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SM_V9_3 iris    exon    2769052 2769201 .       +       .
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Parent=Smp_246790.3;Name=0b203626-c310-4a30-a264-9096ceeb5eef
SM_V9_3 iris    exon    2774368 2774566 .       +       .
Parent=Smp_246790.3;Name=c3c7c70f-2a49-4b36-8c6c-b3393cd82750
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Parent=Smp_246790.3
SM_V9_3 iris    CDS     2666310 2666481 .       +       0
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SM_V9_3 iris    CDS     2674938 2675104 .       +       2
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SM_V9_3 iris    CDS     2680933 2681682 .       +       0
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SM_V9_3 iris    CDS     2684382 2684488 .       +       0
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SM_V9_3 iris    CDS     2692610 2692725 .       +       2
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SM_V9_3 iris    CDS     2769052 2769201 .       +       0
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Parent=Smp_325550.1
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Parent=Smp_325550.1
SM_V9_3 Liftoff CDS     2857434 2857462 .       -       2
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Parent=Smp_325580.1
SM_V9_3 Liftoff exon    2902153 2902247 .       +       .
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SM_V9_3 Liftoff CDS     2901900 2902056 .       +       0
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Parent=Smp_345310.1;Name=52eed789-d906-46bd-8f5e-8587b53f5a72
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SM_V9_3 iris    CDS     3025724 3026175 .       +       2
Parent=Smp_345310.1
SM_V9_3 Liftoff gene    3034670 3037124 .       +       .
ID=Smp_072800;geneID=Smp_072800
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RPA12;polypeptide_domain=InterPro:IPR001222,IPR034004
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70
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SM_V9_3 Liftoff CDS     3036560 3037054 .       +       0
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SM_V9_3 iris    gene    3041250 3055228 .       -       .
ID=Smp_345300;geneID=Smp_345300;gene_name=Smp_345300;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_3 iris    mRNA    3041250 3055228 .       -       .
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5300;owner=irisadmin@local.host;orig_id=Smp_345300.1;date_last_modif
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Man:Man(7)GlcNAc(2)-PP-Dol alpha-1,6-
mannosyltransferase;date_creation=2022-06-30
SM_V9_3 iris    exon    3041250 3041553 .       -       .
Parent=Smp_345300.1;Name=df145254-60ff-4ad1-9202-a01180ece173
SM_V9_3 iris    exon    3044175 3044250 .       -       .
Parent=Smp_345300.1;Name=bfcfa2e3-f408-4e1b-89a1-ebc1354d9587
SM_V9_3 iris    exon    3047958 3048178 .       -       .
Parent=Smp_345300.1;Name=475f7933-d9bd-4d17-a344-28a97a7a28c6
SM_V9_3 iris    exon    3050821 3051089 .       -       .
Parent=Smp_345300.1;Name=9389d0c1-17b5-4233-9b29-6079c23da9fe
SM_V9_3 iris    exon    3052278 3052381 .       -       .
Parent=Smp_345300.1;Name=be905f50-09a5-4839-8692-e4fbf9102cce
SM_V9_3 iris    exon    3052432 3052629 .       -       .
Parent=Smp_345300.1;Name=011d0ac5-affa-438e-a407-960feb89aaf5
SM_V9_3 iris    exon    3054492 3054665 .       -       .
Parent=Smp_345300.1;Name=51102217-1d92-4a72-8cf7-48ce54b1ab28
SM_V9_3 iris    exon    3054696 3054828 .       -       .
Parent=Smp_345300.1;Name=d84860db-ae29-492e-b08a-91fdb9fe1ce0
SM_V9_3 iris    exon    3054866 3055056 .       -       .
Parent=Smp_345300.1;Name=76dd79f4-dd2a-4494-a77f-1239a11304bb
SM_V9_3 iris    exon    3055184 3055228 .       -       .
Parent=Smp_345300.1;Name=d6a7a6ad-d205-440f-a67e-7546ba153a4a
SM_V9_3 iris    CDS     3041310 3041553 .       -       1
Parent=Smp_345300.1
SM_V9_3 iris    CDS     3044175 3044250 .       -       2
Parent=Smp_345300.1
SM_V9_3 iris    CDS     3047958 3048178 .       -       1
Parent=Smp_345300.1
SM_V9_3 iris    CDS     3050821 3051089 .       -       0
Parent=Smp_345300.1
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Parent=Smp_345300.1
SM_V9_3 iris    CDS     3052432 3052629 .       -       2
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SM_V9_3 iris    CDS     3054866 3055015 .       -       0
Parent=Smp_345300.1
SM_V9_3 Liftoff gene    3055180 3069662 .       +       .
ID=Smp_072790;geneID=Smp_072790
SM_V9_3 Liftoff mRNA    3055180 3069662 .       +       .
ID=Smp_072790.1;Parent=Smp_072790;geneID=Smp_072790;product=GPN-loop
GTPase 1;polypeptide_domain=InterPro:IPR004130,IPR027417
Pfam:PF03029
SM_V9_3 Liftoff exon    3055180 3060362 .       +       .
Parent=Smp_072790.1
SM_V9_3 Liftoff exon    3060405 3060545 .       +       .
Parent=Smp_072790.1
SM_V9_3 Liftoff exon    3064183 3064470 .       +       .
Parent=Smp_072790.1
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SM_V9_3 Liftoff exon    3065752 3065806 .       +       .
Parent=Smp_072790.1
SM_V9_3 Liftoff exon    3067298 3067477 .       +       .
Parent=Smp_072790.1
SM_V9_3 Liftoff exon    3069475 3069662 .       +       .
Parent=Smp_072790.1
SM_V9_3 Liftoff CDS     3060129 3060362 .       +       0
Parent=Smp_072790.1
SM_V9_3 Liftoff CDS     3060405 3060545 .       +       0
Parent=Smp_072790.1
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SM_V9_3 Liftoff CDS     3065752 3065806 .       +       0
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Parent=Smp_072790.1
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ID=Smp_161580;geneID=Smp_161580
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Pfam:PF13639
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SM_V9_3 Liftoff exon    3077112 3077230 .       -       .
Parent=Smp_161580.1
SM_V9_3 Liftoff exon    3079704 3079932 .       -       .
Parent=Smp_161580.1
SM_V9_3 Liftoff exon    3083512 3083808 .       -       .
Parent=Smp_161580.1
SM_V9_3 Liftoff exon    3083847 3083887 .       -       .
Parent=Smp_161580.1
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Parent=Smp_161580.1
SM_V9_3 Liftoff CDS     3072030 3072150 .       -       1
Parent=Smp_161580.1
SM_V9_3 Liftoff CDS     3074493 3074594 .       -       1
Parent=Smp_161580.1
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SM_V9_3 Liftoff CDS     3079704 3079932 .       -       1
Parent=Smp_161580.1
SM_V9_3 Liftoff CDS     3083512 3083808 .       -       1
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SM_V9_3 Liftoff CDS     3083929 3083967 .       -       0
Parent=Smp_161580.1
SM_V9_3 iris    gene    3107700 3202414 .       +       .
ID=Smp_307630;geneID=Smp_307630;gene_name=Smp_307630;owner=irisadmin
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I subunit RPA12;date_creation=2022-06-30
SM_V9_3 iris    exon    3107700 3107729 .       +       .
Parent=Smp_307630.1;Name=3f0a85b3-ba03-4ff3-8ae7-f41168473155
SM_V9_3 iris    exon    3201871 3202414 .       +       .
Parent=Smp_307630.1;Name=786248a0-50cf-4529-a807-599f3f9092bc
SM_V9_3 iris    CDS     3202127 3202369 .       +       0
Parent=Smp_307630.1
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ID=Smp_335220;geneID=Smp_335220;previous_systematic_id=Smp_166850
SM_V9_3 Liftoff mRNA    3309270 3310102 .       -       .
ID=Smp_335220.1;Parent=Smp_335220;geneID=Smp_335220;product=3-
hydroxyacyl-[acyl-carrier-protein] dehydratase FabZ
SM_V9_3 Liftoff exon    3309270 3310102 .       -       .
Parent=Smp_335220.1
SM_V9_3 Liftoff CDS     3309564 3309800 .       -       0
Parent=Smp_335220.1
SM_V9_3 iris    gene    3351159 3415923 .       -       .
ID=Smp_307650;geneID=Smp_307650;gene_name=Smp_307650;owner=irisadmin
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SM_V9_3 iris    mRNA    3351159 3415923 .       -       .
ID=Smp_307650.1;Parent=Smp_307650;geneID=Smp_307650;gene_name=Smp_30
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ied=2022-06-30;Name=Smp_307650.1;product=Uncharacterized protein
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SM_V9_3 iris    exon    3351159 3353524 .       -       .
Parent=Smp_307650.1;Name=bc759c5a-94da-4f43-92b2-957f8c694fe4
SM_V9_3 iris    exon    3355933 3356085 .       -       .
Parent=Smp_307650.1;Name=af10fc2c-1cd6-44eb-b0d5-da5a525a0704
SM_V9_3 iris    exon    3357846 3357970 .       -       .
Parent=Smp_307650.1;Name=bcbe9629-1fd7-46a5-b52a-8bcb82f0c313
SM_V9_3 iris    exon    3359992 3360154 .       -       .
Parent=Smp_307650.1;Name=1ada3a30-f8ae-42a9-9c1d-b3dc9755f3fe
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Parent=Smp_307650.1;Name=371dd771-e04b-41c3-8adb-71107c22aa5c
SM_V9_3 iris    exon    3363159 3371912 .       -       .
Parent=Smp_307650.1;Name=7d5c2da8-f576-4f1e-b6e7-f8e2a9288612
SM_V9_3 iris    exon    3388598 3389565 .       -       .
Parent=Smp_307650.1;Name=7668a7dd-e5b6-444f-99e9-989ffa724491
SM_V9_3 iris    exon    3392040 3393104 .       -       .
Parent=Smp_307650.1;Name=200772ca-8411-49a4-9daa-4f7405fad7a3
SM_V9_3 iris    exon    3394983 3395726 .       -       .
Parent=Smp_307650.1;Name=aa29a4f0-68ea-48b8-ad08-c99d63a8c9d6
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Parent=Smp_307650.1;Name=02a427d3-2bfd-44a0-8b15-f8a16b76fb91
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Parent=Smp_307650.1;Name=1edd58e0-81a9-4559-823d-4bfad9996dc7
SM_V9_3 iris    exon    3414826 3415281 .       -       .
Parent=Smp_307650.1;Name=b2c51f0c-452a-40e8-bad0-36b88e4625c7
SM_V9_3 iris    exon    3415316 3415363 .       -       .
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Parent=Smp_307650.1;Name=6eeeb545-77ee-451e-9ce1-cdbfb4d9b018
SM_V9_3 iris    exon    3415505 3415678 .       -       .
Parent=Smp_307650.1;Name=34f7b0ba-0362-4f53-8cea-a040f3cc4d51
SM_V9_3 iris    exon    3415714 3415923 .       -       .
Parent=Smp_307650.1;Name=03169fa4-78e8-4374-a2f6-356c267feab3
SM_V9_3 iris    CDS     3352778 3353524 .       -       0
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3355933 3356085 .       -       0
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3357846 3357970 .       -       2
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3359992 3360154 .       -       0
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SM_V9_3 iris    CDS     3388598 3389565 .       -       2
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3392040 3393104 .       -       2
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3394983 3395726 .       -       2
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3397605 3403782 .       -       0
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3406117 3407733 .       -       0
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3414826 3415281 .       -       0
Parent=Smp_307650.1
SM_V9_3 iris    CDS     3415316 3415363 .       -       0
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SM_V9_3 iris    CDS     3415405 3415464 .       -       0
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SM_V9_3 iris    CDS     3415505 3415678 .       -       0
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Parent=Smp_307650.1
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ID=Smp_347830;geneID=Smp_347830;gene_name=Smp_347830;owner=irisadmin
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SM_V9_3 iris    mRNA    3423426 3441473 .       -       .
ID=Smp_347830.1;Parent=Smp_347830;geneID=Smp_347830;gene_name=Smp_34
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Dm0;date_creation=2022-06-30
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Parent=Smp_347830.1;Name=59305ff3-eee5-498f-97fe-7520e05c9230
SM_V9_3 iris    exon    3424975 3425061 .       -       .
Parent=Smp_347830.1;Name=5a980f01-bb6a-4581-a628-a9fb32324f69
SM_V9_3 iris    exon    3427296 3427415 .       -       .
Parent=Smp_347830.1;Name=3b2488ea-661e-430f-ab1c-78d88a584600
SM_V9_3 iris    exon    3427779 3427883 .       -       .
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Parent=Smp_347830.1;Name=fae77a8e-ffc6-434a-a7f3-b303a42469e6
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Parent=Smp_347830.1;Name=a6720b5a-71c9-422e-be06-8687788b079a
SM_V9_3 iris    exon    3432835 3433187 .       -       .
Parent=Smp_347830.1;Name=c7e75e4c-046f-43f7-8464-a98395454bcc
SM_V9_3 iris    exon    3438751 3438915 .       -       .
Parent=Smp_347830.1;Name=a4057361-1872-42e2-8e0b-abfaceb81e96
SM_V9_3 iris    exon    3438948 3439097 .       -       .
Parent=Smp_347830.1;Name=73c4bb01-5f0b-437f-8029-b5f81a5904fc
SM_V9_3 iris    exon    3439133 3439375 .       -       .
Parent=Smp_347830.1;Name=fd5c97c8-af63-4b4f-abdf-2b5ea5eee1fb
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Parent=Smp_347830.1;Name=755ce7b3-7ee5-4354-8f31-dddfe01b9ec9
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Parent=Smp_347830.1;Name=33371665-1930-48a8-8d67-26cca996139e
SM_V9_3 iris    CDS     3423962 3423979 .       -       0
Parent=Smp_347830.1
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SM_V9_3 iris    CDS     3427296 3427415 .       -       0
Parent=Smp_347830.1
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SM_V9_3 iris    CDS     3432835 3433187 .       -       0
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SM_V9_3 iris    CDS     3438948 3439097 .       -       0
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SM_V9_3 iris    CDS     3439133 3439375 .       -       0
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SM_V9_3 iris    CDS     3439411 3439713 .       -       0
Parent=Smp_347830.1
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ID=Smp_159910;geneID=Smp_159910
SM_V9_3 Liftoff mRNA    3457286 3472211 .       +       .
ID=Smp_159910.1;Parent=Smp_159910;geneID=Smp_159910;product=Ima1, N-
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Model;polypeptide_domain=InterPro:IPR018617 Pfam:PF09779
SM_V9_3 Liftoff exon    3457286 3459249 .       +       .
Parent=Smp_159910.1
SM_V9_3 Liftoff exon    3459282 3459485 .       +       .
Parent=Smp_159910.1
SM_V9_3 Liftoff exon    3470796 3472211 .       +       .
Parent=Smp_159910.1
SM_V9_3 Liftoff CDS     3459007 3459249 .       +       0
Parent=Smp_159910.1
SM_V9_3 Liftoff CDS     3459282 3459485 .       +       0
Parent=Smp_159910.1
SM_V9_3 Liftoff CDS     3470796 3472190 .       +       0
Parent=Smp_159910.1
SM_V9_3 Liftoff gene    3476275 3479592 .       -       .
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ID=Smp_246770;geneID=Smp_246770;previous_systematic_id=Smp_159920
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ID=Smp_246770.1;Parent=Smp_246770;geneID=Smp_246770;product=C type
lectin;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR001304,IPR016186,IPR016187
Pfam:PF00059
SM_V9_3 Liftoff exon    3476275 3477234 .       -       .
Parent=Smp_246770.1
SM_V9_3 Liftoff exon    3479217 3479592 .       -       .
Parent=Smp_246770.1
SM_V9_3 Liftoff CDS     3476398 3477234 .       -       0
Parent=Smp_246770.1
SM_V9_3 Liftoff CDS     3479217 3479528 .       -       0
Parent=Smp_246770.1
SM_V9_3 Liftoff gene    3502231 3518082 .       -       .
ID=Smp_266760;geneID=Smp_266760
SM_V9_3 Liftoff mRNA    3502231 3518082 .       -       .
ID=Smp_266760.1;Parent=Smp_266760;geneID=Smp_266760;product=Protocad
herin-11 X-
linked;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_3 Liftoff exon    3502231 3518082 .       -       .
Parent=Smp_266760.1
SM_V9_3 Liftoff CDS     3513150 3517523 .       -       0
Parent=Smp_266760.1
SM_V9_3 iris    gene    3527949 3537072 .       -       .
ID=Smp_159930;geneID=Smp_159930;gene_name=Smp_159930;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    3527949 3537072 .       -       .
ID=Smp_159930.1;Parent=Smp_159930;geneID=Smp_159930;gene_name=Smp_15
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like protein 3;date_creation=2022-08-23
SM_V9_3 iris    exon    3527949 3528380 .       -       .
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SM_V9_3 iris    exon    3533870 3534055 .       -       .
Parent=Smp_159930.1;Name=e666fa6c-50d6-4564-a3a8-d2b05342ce69
SM_V9_3 iris    exon    3536537 3536587 .       -       .
Parent=Smp_159930.1;Name=1485dd92-cb64-49a6-adeb-8c21815ae42f
SM_V9_3 iris    exon    3536622 3536738 .       -       .
Parent=Smp_159930.1;Name=225a571f-e65d-44ea-8365-069c2d8f8b23
SM_V9_3 iris    exon    3536770 3536913 .       -       .
Parent=Smp_159930.1;Name=b94f00e0-9194-475c-a44a-c13dbf13f54b
SM_V9_3 iris    exon    3536963 3537072 .       -       .
Parent=Smp_159930.1;Name=56312a98-ef3c-4f67-83a6-2ba503082502
SM_V9_3 iris    CDS     3528327 3528380 .       -       0
Parent=Smp_159930.1
SM_V9_3 iris    CDS     3533870 3534055 .       -       0
Parent=Smp_159930.1
SM_V9_3 iris    CDS     3536537 3536587 .       -       0
Parent=Smp_159930.1
SM_V9_3 iris    CDS     3536622 3536738 .       -       0
Parent=Smp_159930.1
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SM_V9_3 iris    CDS     3536770 3536913 .       -       0
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SM_V9_3 iris    CDS     3536963 3536965 .       -       0
Parent=Smp_159930.1
SM_V9_3 Liftoff gene    3541365 3549046 .       +       .
ID=Smp_159940;geneID=Smp_159940
SM_V9_3 Liftoff mRNA    3541365 3549046 .       +       .
ID=Smp_159940.1;Parent=Smp_159940;geneID=Smp_159940;product=Nuclear
speckle splicing regulatory protein
1;polypeptide_domain=InterPro:IPR018612 Pfam:PF09745
SM_V9_3 Liftoff exon    3541365 3541503 .       +       .
Parent=Smp_159940.1
SM_V9_3 Liftoff exon    3541541 3541597 .       +       .
Parent=Smp_159940.1
SM_V9_3 Liftoff exon    3541633 3541752 .       +       .
Parent=Smp_159940.1
SM_V9_3 Liftoff exon    3541782 3542078 .       +       .
Parent=Smp_159940.1
SM_V9_3 Liftoff exon    3545538 3545791 .       +       .
Parent=Smp_159940.1
SM_V9_3 Liftoff exon    3548708 3549046 .       +       .
Parent=Smp_159940.1
SM_V9_3 Liftoff CDS     3541375 3541503 .       +       0
Parent=Smp_159940.1
SM_V9_3 Liftoff CDS     3541541 3541597 .       +       0
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SM_V9_3 Liftoff CDS     3541633 3541752 .       +       0
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SM_V9_3 Liftoff CDS     3541782 3542078 .       +       0
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SM_V9_3 Liftoff CDS     3545538 3545791 .       +       0
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SM_V9_3 Liftoff CDS     3548708 3548891 .       +       1
Parent=Smp_159940.1
SM_V9_3 Liftoff gene    3568173 3589865 .       +       .
ID=Smp_159950;geneID=Smp_159950
SM_V9_3 Liftoff mRNA    3568173 3589865 .       +       .
ID=Smp_159950.1;Parent=Smp_159950;geneID=Smp_159950;product=npp-20b;
evidence=Traceable Author
Statement;literature=PMID:19606141;polypeptide_domain=InterPro:IPR00
1955,IPR020392 Pfam:PF00159;Ontology_term=GO:0005179,GO:0005576
SM_V9_3 Liftoff exon    3568173 3583906 .       +       .
Parent=Smp_159950.1
SM_V9_3 Liftoff exon    3589455 3589865 .       +       .
Parent=Smp_159950.1
SM_V9_3 Liftoff CDS     3583563 3583906 .       +       0
Parent=Smp_159950.1
SM_V9_3 Liftoff CDS     3589455 3589470 .       +       1
Parent=Smp_159950.1
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ID=Smp_246800;geneID=Smp_246800;gene_name=Smp_246800;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_3 iris    mRNA    3629408 3669995 .       -       .
ID=Smp_246800.1;Parent=Smp_246800;geneID=Smp_246800;gene_name=Smp_24
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6800;owner=irisadmin@local.host;orig_id=Smp_246800.3;date_last_modif
ied=2022-06-30;Name=Smp_246800.1;product=Aspartyl
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SM_V9_3 iris    exon    3629408 3630794 .       -       .
Parent=Smp_246800.1;Name=ddd5523b-1d4f-490a-8c84-016684f94ee4
SM_V9_3 iris    exon    3633569 3634297 .       -       .
Parent=Smp_246800.1;Name=e5b7502a-ca69-447c-b7e8-048b7fe3e2d5
SM_V9_3 iris    exon    3639186 3639679 .       -       .
Parent=Smp_246800.1;Name=64bb4bf1-a107-4a1f-bfcc-6654cf80ce0a
SM_V9_3 iris    exon    3654835 3655309 .       -       .
Parent=Smp_246800.1;Name=79712d46-0b0c-4bb0-86e5-bd0c4806a1de
SM_V9_3 iris    exon    3666665 3667648 .       -       .
Parent=Smp_246800.1;Name=51ed4e69-0dde-4aa9-96bf-0c0bff37fec7
SM_V9_3 iris    exon    3668097 3669995 .       -       .
Parent=Smp_246800.1;Name=c373af94-46ba-4453-b908-4ddd98fd309e
SM_V9_3 iris    CDS     3630507 3630794 .       -       0
Parent=Smp_246800.1
SM_V9_3 iris    CDS     3633569 3634297 .       -       0
Parent=Smp_246800.1
SM_V9_3 iris    CDS     3639186 3639679 .       -       2
Parent=Smp_246800.1
SM_V9_3 iris    CDS     3654835 3655309 .       -       0
Parent=Smp_246800.1
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SM_V9_3 iris    CDS     3668097 3669632 .       -       0
Parent=Smp_246800.1
SM_V9_3 iris    mRNA    3629408 3678784 .       -       .
ID=Smp_246800.2;Parent=Smp_246800;geneID=Smp_246800;gene_name=Smp_24
6800;owner=irisadmin@local.host;orig_id=Smp_246800.3;date_last_modif
ied=2022-06-30;Name=Smp_246800.2;product=Centromere protein
L;date_creation=2022-06-30
SM_V9_3 iris    exon    3629408 3630794 .       -       .
Parent=Smp_246800.2;Name=1de30130-81fa-4e31-87af-5d66d8d2c6e7
SM_V9_3 iris    exon    3633569 3634297 .       -       .
Parent=Smp_246800.2;Name=500aff40-f65f-4661-8bf8-9325148a9f1a
SM_V9_3 iris    exon    3639186 3639679 .       -       .
Parent=Smp_246800.2;Name=deac0c2b-d45c-46c3-8d9c-6158be4e3972
SM_V9_3 iris    exon    3654835 3655309 .       -       .
Parent=Smp_246800.2;Name=6d2f0da6-277b-4f1a-bdd2-cde2c56e4c89
SM_V9_3 iris    exon    3666665 3667648 .       -       .
Parent=Smp_246800.2;Name=034f8a3b-9364-4f85-834f-842190d3d498
SM_V9_3 iris    exon    3678726 3678784 .       -       .
Parent=Smp_246800.2;Name=c756eec3-b011-44c8-9df0-651667917e13
SM_V9_3 iris    CDS     3630507 3630794 .       -       0
Parent=Smp_246800.2
SM_V9_3 iris    CDS     3633569 3634297 .       -       0
Parent=Smp_246800.2
SM_V9_3 iris    CDS     3639186 3639679 .       -       2
Parent=Smp_246800.2
SM_V9_3 iris    CDS     3654835 3654895 .       -       0
Parent=Smp_246800.2
SM_V9_3 iris    gene    3693344 3711590 .       +       .
ID=Smp_069600;geneID=Smp_069600;gene_name=Smp_069600;owner=irisadmin
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9600;owner=irisadmin@local.host;orig_id=Smp_069600.2;date_last_modif
ied=2022-06-30;Name=Smp_069600.1;product=ATP-dependent DNA helicase
Q4;date_creation=2022-06-30
SM_V9_3 iris    exon    3693344 3693486 .       +       .
Parent=Smp_069600.1;Name=4a4266dd-6dd7-4c0d-9622-b2b0c3b2ee2f
SM_V9_3 iris    exon    3693965 3695289 .       +       .
Parent=Smp_069600.1;Name=4d78f44d-7ce5-4b03-8002-b702fdb953f0
SM_V9_3 iris    exon    3695336 3695487 .       +       .
Parent=Smp_069600.1;Name=0cdb6a83-3ca4-4c79-bc79-e717344107cb
SM_V9_3 iris    exon    3699701 3699903 .       +       .
Parent=Smp_069600.1;Name=8596d47c-e431-4416-8c42-eaa030480dcd
SM_V9_3 iris    exon    3704145 3704473 .       +       .
Parent=Smp_069600.1;Name=445565ec-9112-42c9-8976-b0385ca0f614
SM_V9_3 iris    exon    3704710 3704916 .       +       .
Parent=Smp_069600.1;Name=93d7e9ea-f837-4896-b4c0-5a9669655634
SM_V9_3 iris    exon    3706582 3706944 .       +       .
Parent=Smp_069600.1;Name=91ba5e3f-7428-4a84-be24-a7057c6065ef
SM_V9_3 iris    exon    3707271 3707951 .       +       .
Parent=Smp_069600.1;Name=99e0b8c5-2277-4949-a6d8-fb31fb9bb8ea
SM_V9_3 iris    exon    3709272 3709597 .       +       .
Parent=Smp_069600.1;Name=5c98d68f-8dfb-4e51-ad21-706d6a4697a5
SM_V9_3 iris    CDS     3694051 3695289 .       +       0
Parent=Smp_069600.1
SM_V9_3 iris    CDS     3695336 3695487 .       +       0
Parent=Smp_069600.1
SM_V9_3 iris    CDS     3699701 3699903 .       +       1
Parent=Smp_069600.1
SM_V9_3 iris    CDS     3704145 3704473 .       +       2
Parent=Smp_069600.1
SM_V9_3 iris    CDS     3704710 3704916 .       +       0
Parent=Smp_069600.1
SM_V9_3 iris    CDS     3706582 3706944 .       +       0
Parent=Smp_069600.1
SM_V9_3 iris    CDS     3707271 3707951 .       +       0
Parent=Smp_069600.1
SM_V9_3 iris    CDS     3709272 3709508 .       +       0
Parent=Smp_069600.1
SM_V9_3 iris    gene    3711150 3711571 .       -       .
ID=Smp_350070;geneID=Smp_350070;gene_name=Smp_350070;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    3711150 3711571 .       -       .
ID=Smp_350070.1;Parent=Smp_350070;geneID=Smp_350070;gene_name=Smp_35
0070;owner=irisadmin@local.host;date_last_modified=2022-08-23;Name=S
mp_350070.1;date_creation=2022-08-23
SM_V9_3 iris    exon    3711150 3711571 .       -       .
Parent=Smp_350070.1;Name=Smp_350070.1-CDS
SM_V9_3 iris    CDS     3711271 3711549 .       -       0
Parent=Smp_350070.1
SM_V9_3 Liftoff gene    3723770 3737350 .       +       .
ID=Smp_210200;geneID=Smp_210200;previous_systematic_id=Smp_159970
SM_V9_3 Liftoff mRNA    3723770 3737350 .       +       .
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Pfam:PF03133;Ontology_term=GO:0006464
SM_V9_3 Liftoff exon    3723770 3724280 .       +       .
Parent=Smp_210200.1
SM_V9_3 Liftoff exon    3724313 3724390 .       +       .
Parent=Smp_210200.1
SM_V9_3 Liftoff exon    3725635 3725746 .       +       .
Parent=Smp_210200.1
SM_V9_3 Liftoff exon    3727569 3727654 .       +       .
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SM_V9_3 Liftoff exon    3727700 3727733 .       +       .
Parent=Smp_210200.1
SM_V9_3 Liftoff exon    3727775 3727918 .       +       .
Parent=Smp_210200.1
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SM_V9_3 Liftoff exon    3728160 3728247 .       +       .
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SM_V9_3 Liftoff exon    3731036 3731157 .       +       .
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SM_V9_3 Liftoff exon    3733035 3733235 .       +       .
Parent=Smp_210200.1
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Parent=Smp_210200.1
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Parent=Smp_210200.1
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SM_V9_3 Liftoff CDS     3725635 3725746 .       +       1
Parent=Smp_210200.1
SM_V9_3 Liftoff CDS     3727569 3727654 .       +       0
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SM_V9_3 Liftoff CDS     3727700 3727733 .       +       1
Parent=Smp_210200.1
SM_V9_3 Liftoff CDS     3727775 3727918 .       +       0
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SM_V9_3 Liftoff CDS     3728160 3728247 .       +       0
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SM_V9_3 Liftoff CDS     3731036 3731157 .       +       2
Parent=Smp_210200.1
SM_V9_3 Liftoff CDS     3733035 3733235 .       +       0
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SM_V9_3 Liftoff CDS     3736942 3737235 .       +       0
Parent=Smp_210200.1
SM_V9_3 Liftoff gene    3747410 3771420 .       +       .
ID=Smp_347290;geneID=Smp_347290;previous_systematic_id=Smp_159970,Sm
p_210210
SM_V9_3 Liftoff mRNA    3747410 3771420 .       +       .
ID=Smp_347290.1;Parent=Smp_347290;geneID=Smp_347290;product=Zinc
transporter ZIP10;polypeptide_domain=InterPro:IPR003689
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SM_V9_3 Liftoff exon    3767237 3767579 .       +       .
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SM_V9_3 Liftoff exon    3769839 3770026 .       +       .
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SM_V9_3 Liftoff CDS     3764534 3764805 .       +       2
Parent=Smp_347290.1
SM_V9_3 Liftoff CDS     3767237 3767579 .       +       0
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SM_V9_3 Liftoff CDS     3769839 3770026 .       +       2
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SM_V9_3 Liftoff CDS     3770359 3770508 .       +       0
Parent=Smp_347290.1
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ID=Smp_197690;geneID=Smp_197690;previous_systematic_id=Smp_159980
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ID=Smp_197690.1;Parent=Smp_197690;geneID=Smp_197690;product=Putative
BTB/POZ domain-containing protein
At5g13600;polypeptide_domain=InterPro:IPR000210,IPR011333,IPR013763
Pfam:PF00651;Ontology_term=GO:0005515
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Parent=Smp_197690.1
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SM_V9_3 Liftoff CDS     3779620 3780379 .       +       0
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SM_V9_3 Liftoff CDS     3781265 3781787 .       +       0
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SM_V9_3 Liftoff CDS     3786826 3786881 .       +       2
Parent=Smp_197690.1
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ID=Smp_159990;geneID=Smp_159990;gene_name=Smp_159990;owner=irisadmin
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ID=Smp_159990.1;Parent=Smp_159990;geneID=Smp_159990;gene_name=Smp_15
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channel type D subunit alpha-1;date_creation=2022-06-30
SM_V9_3 iris    exon    3787413 3788191 .       -       .
Parent=Smp_159990.1;Name=9a0759a1-93bf-460f-a46a-fd0dec503873
SM_V9_3 iris    exon    3791656 3791895 .       -       .
Parent=Smp_159990.1;Name=38ee40b8-f4fc-46e2-995b-c6f1c56f4a07
SM_V9_3 iris    exon    3794710 3794976 .       -       .
Parent=Smp_159990.1;Name=2845c17d-34c6-4ec9-acf0-ea1260772558
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Parent=Smp_159990.1;Name=a3f72b1d-c762-4a66-bdfe-915156e37361
SM_V9_3 iris    exon    3803360 3803532 .       -       .
Parent=Smp_159990.1;Name=37bd3a5d-0b4a-480c-b13b-928737029caa
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Parent=Smp_159990.1;Name=8bee0587-dce1-4b4d-b274-17f7dcd1f567
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Parent=Smp_159990.1;Name=011d8990-2f1a-4e8e-ba76-05fca0559b0e
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Parent=Smp_159990.1;Name=b9467cac-0b1a-4324-abb6-5692efd9e627
SM_V9_3 iris    exon    3832580 3832682 .       -       .
Parent=Smp_159990.1;Name=53fec520-96cb-4068-b395-c14012ec13a8
SM_V9_3 iris    exon    3838071 3838167 .       -       .
Parent=Smp_159990.1;Name=511948c3-67dd-4cb3-b99c-d967f43f4231
SM_V9_3 iris    exon    3840659 3840786 .       -       .
Parent=Smp_159990.1;Name=65192b88-c145-4ad2-91a5-6dbd4245245d
SM_V9_3 iris    exon    3841794 3842470 .       -       .
Parent=Smp_159990.1;Name=50b06ae5-60c9-4441-89b9-5b9fd1611631
SM_V9_3 iris    exon    3843361 3843571 .       -       .
Parent=Smp_159990.1;Name=4a752863-436b-412b-9472-3d9f5d03ada8
SM_V9_3 iris    exon    3845703 3845825 .       -       .
Parent=Smp_159990.1;Name=b9875538-3d01-4664-a75d-617b84ce3243
SM_V9_3 iris    exon    3847177 3847260 .       -       .
Parent=Smp_159990.1;Name=4d5e16b6-2344-4216-82bd-1a46e871a3d9
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Parent=Smp_159990.1;Name=588b8fea-c565-4250-a9f6-cca1e8bf0c3e
SM_V9_3 iris    exon    3859263 3859421 .       -       .
Parent=Smp_159990.1;Name=c007ca71-d934-48b3-b61d-3342dce252af
SM_V9_3 iris    exon    3862275 3862464 .       -       .
Parent=Smp_159990.1;Name=0e8eb337-29e0-4de8-9748-a6b5d14d64ef
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Parent=Smp_159990.1;Name=d65b3de3-1f98-4bdc-9a8e-7ff1ffe5d9ad
SM_V9_3 iris    exon    3868033 3868193 .       -       .
Parent=Smp_159990.1;Name=b871679a-1da8-4f8a-80e3-781cd5ce938d
SM_V9_3 iris    exon    3872671 3872758 .       -       .
Parent=Smp_159990.1;Name=2b9f23be-b545-4a3a-bc26-80bbaac4b5ca
SM_V9_3 iris    exon    3874644 3874750 .       -       .
Parent=Smp_159990.1;Name=383a6d81-9693-406c-bfc0-7751fd6599b0
SM_V9_3 iris    exon    3876553 3876612 .       -       .
Parent=Smp_159990.1;Name=d7b8c654-0a6c-4cc4-bb4d-acdc4ddd8f96
SM_V9_3 iris    exon    3880198 3880327 .       -       .
Parent=Smp_159990.1;Name=09b5fe33-e9ae-4741-b5c0-90c3b3525efa
SM_V9_3 iris    exon    3882299 3882527 .       -       .
Parent=Smp_159990.1;Name=e2ae5724-98ae-4f6f-9ba7-301342f1f927
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CHROMATIN REMODELING 4
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Parent=Smp_243500.1
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ID=Smp_350120;geneID=Smp_350120;gene_name=Smp_350120;owner=irisadmin
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Parent=Smp_350120.1;Name=Smp_350120.1-CDS
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Parent=Smp_350120.1;Name=a4b030e2-6286-4439-97e9-498f8d7f7fb6
SM_V9_3 iris    exon    4384164 4384312 .       -       .
Parent=Smp_350120.1;Name=6142ad85-c26c-40d4-9f87-be1d5f643de3
SM_V9_3 iris    exon    4385558 4385635 .       -       .
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SM_V9_3 iris    exon    4390480 4390549 .       -       .
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SM_V9_3 iris    CDS     4389812 4389904 .       -       2
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SM_V9_3 iris    CDS     4390599 4390688 .       -       0
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nucleotide-binding protein subunit gamma;evidence=Non-traceable
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SM_V9_3 iris    exon    4411012 4411756 .       -       .
Parent=Smp_337380.1;Name=4dd5a7f8-3e3a-43fb-ae19-ee644d842449
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SM_V9_3 iris    CDS     4408918 4409154 .       -       0
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SM_V9_3 iris    CDS     4411012 4411756 .       -       1
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SM_V9_3 iris    exon    4425906 4426094 .       -       .
Parent=Smp_333450.1;Name=9e34d397-af27-4409-92ed-829ff7f9fd8a
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SM_V9_3 iris    exon    4429149 4429258 .       -       .
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Parent=Smp_333450.1;Name=914920eb-a1c2-4b83-a49d-e36004fe4d78
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SM_V9_3 iris    exon    4433913 4434075 .       -       .
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SM_V9_3 iris    CDS     4429015 4429113 .       -       0
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Parent=Smp_333450.1
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SM_V9_3 iris    CDS     4433629 4433764 .       -       2
Parent=Smp_333450.1
SM_V9_3 iris    CDS     4433803 4433872 .       -       0
Parent=Smp_333450.1
SM_V9_3 iris    CDS     4433913 4434075 .       -       1
Parent=Smp_333450.1
SM_V9_3 iris    CDS     4434107 4434210 .       -       0
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5 Pfam:PF00595,PF02828;Ontology_term=GO:0005515
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Parent=Smp_055600.1
SM_V9_3 Liftoff exon    4447352 4447400 .       -       .
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SM_V9_3 Liftoff CDS     4447152 4447318 .       -       2
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SM_V9_3 Liftoff CDS     4447352 4447379 .       -       0
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Parent=Smp_151780.1;Name=e7150c16-b4bd-4044-8185-f83f6a2ea6a3
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SM_V9_3 iris    CDS     4468765 4468880 .       -       2
Parent=Smp_333460.1
SM_V9_3 iris    CDS     4471341 4471522 .       -       1
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ID=Smp_211080;geneID=Smp_211080;gene_name=Smp_211080;owner=irisadmin
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SM_V9_3 iris    exon    4480714 4481158 .       -       .
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1;polypeptide_domain=InterPro:IPR007676
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21
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Parent=Smp_346440.1
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ID=Smp_098890;geneID=Smp_098890
SM_V9_3 Liftoff mRNA    5017051 5018302 .       -       .
ID=Smp_098890.1;Parent=Smp_098890;geneID=Smp_098890;product=Serine/
arginine-rich splicing factor
7;polypeptide_domain=InterPro:IPR000504,IPR001878
Pfam:PF00076,PF00098;Ontology_term=GO:0003676,GO:0008270
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Parent=Smp_098890.1
SM_V9_3 Liftoff exon    5017972 5018302 .       -       .
Parent=Smp_098890.1
SM_V9_3 Liftoff CDS     5017667 5017934 .       -       1
Parent=Smp_098890.1
SM_V9_3 Liftoff CDS     5017972 5018177 .       -       0
Parent=Smp_098890.1
SM_V9_3 Liftoff mRNA    5017051 5018302 .       -       .
ID=Smp_098890.2;Parent=Smp_098890;geneID=Smp_098890;product=Serine/
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Pfam:PF00076,PF00098;Ontology_term=GO:0003676,GO:0008270
SM_V9_3 Liftoff exon    5017051 5017198 .       -       .
Parent=Smp_098890.2
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SM_V9_3 Liftoff CDS     5017671 5017934 .       -       1
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SM_V9_3 iris    mRNA    5038883 5059003 .       +       .
ID=Smp_176490.2;Parent=Smp_176490;geneID=Smp_176490;gene_name=Smp_17
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protein;date_creation=2022-06-30
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Parent=Smp_176490.2;Name=05b7f754-d720-490b-93a2-435c2ed5e61f
SM_V9_3 iris    exon    5041748 5041899 .       +       .
Parent=Smp_176490.2;Name=8e57a63f-8e1d-4427-b590-59811e0ef479
SM_V9_3 iris    exon    5041936 5042122 .       +       .
Parent=Smp_176490.2;Name=26dc9201-6f73-4e13-909d-677e5a182d7c
SM_V9_3 iris    exon    5042160 5042643 .       +       .
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SM_V9_3 iris    exon    5054010 5054396 .       +       .
Parent=Smp_176490.2;Name=12214160-54d3-4b3a-a59c-da2d11723e1a
SM_V9_3 iris    exon    5057536 5057675 .       +       .
Parent=Smp_176490.2;Name=37e11621-7d87-44b9-bf93-9ee11c61e2c0
SM_V9_3 iris    exon    5058628 5059003 .       +       .
Parent=Smp_176490.2;Name=a8690a46-472d-41a9-9233-784dfb2c28a7
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Parent=Smp_176490.2
SM_V9_3 iris    CDS     5042160 5042643 .       +       1
Parent=Smp_176490.2
SM_V9_3 iris    CDS     5050825 5050945 .       +       0
Parent=Smp_176490.2
SM_V9_3 iris    CDS     5054010 5054396 .       +       2
Parent=Smp_176490.2
SM_V9_3 iris    CDS     5057536 5057675 .       +       2
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Parent=Smp_176490.2
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Parent=Smp_176490.1;Name=40b850ab-2262-4713-8dcd-8e342eedf3b6
SM_V9_3 iris    exon    5041936 5042122 .       +       .
Parent=Smp_176490.1;Name=9ba2a916-7154-47e7-a3a9-4e4c265895df
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Parent=Smp_176490.1;Name=58d62f93-61ff-47d3-b1d5-0cfafa79d6ee
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Parent=Smp_176490.1;Name=8e4e1dce-c115-419f-a74f-7b8012047d4f
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Parent=Smp_176490.1;Name=f039fc66-f79d-4a9a-b63a-8d32ee34c95c
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Parent=Smp_176490.1
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SM_V9_3 iris    CDS     5054010 5054396 .       +       2
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SM_V9_3 iris    CDS     5057536 5057675 .       +       2
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ID=Smp_213420;geneID=Smp_213420;gene_name=Smp_213420;owner=irisadmin
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ID=Smp_213420.1;Parent=Smp_213420;geneID=Smp_213420;gene_name=Smp_21
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Parent=Smp_213420.1;Name=d3d74cb4-f68b-47c5-a200-9b1489ccc784
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Parent=Smp_213420.1;Name=c4265681-9c63-4ed5-b3c0-5fa6393951fc
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SM_V9_3 iris    exon    5072616 5072924 .       -       .
Parent=Smp_213420.1;Name=0cbee617-ce06-4cd4-b9e8-8afab6a49fdb
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Parent=Smp_213420.1;Name=794fa450-d8ae-44c3-b7f4-b63442ca6e13
SM_V9_3 iris    exon    5076947 5077052 .       -       .
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Parent=Smp_213410.1;Name=98b81da1-d229-47a2-b94f-c90c1fb8d247
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Parent=Smp_213410.1;Name=6b975886-3615-4f9b-a701-0ab98727fa8e
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SM_V9_3 iris    CDS     5107062 5107282 .       -       2
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ID=Smp_316660;geneID=Smp_316660;previous_systematic_id=Smp_176510
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3 Pfam:PF07653,PF14604;Ontology_term=GO:0005515
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Parent=Smp_316660.1
SM_V9_3 Liftoff exon    5143231 5143461 .       -       .
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Parent=Smp_316660.1
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SM_V9_3 Liftoff CDS     5208481 5208543 .       -       0
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3 Pfam:PF07653,PF14604;Ontology_term=GO:0005515
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ID=Smp_098980;geneID=Smp_098980;gene_name=Smp_098980;owner=irisadmin
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Parent=Smp_098980.1;Name=dccb9ed3-2719-4328-a49a-306d3b8669e0
SM_V9_3 iris    exon    5291423 5291527 .       +       .
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Parent=Smp_191400.1;Name=741039a8-5725-4d07-90e6-11b755b8caa0
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SM_V9_3 iris    exon    5319026 5319083 .       -       .
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Parent=Smp_191400.1;Name=cf6deaa3-16dc-40f4-bc3f-b5c0248207a1
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ID=Smp_325620;geneID=Smp_325620
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Parent=Smp_349540.1
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Parent=Smp_349540.1
SM_V9_3 Liftoff gene    5517593 5519595 .       +       .
ID=Smp_325630;geneID=Smp_325630
SM_V9_3 Liftoff mRNA    5517593 5519595 .       +       .
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Parent=Smp_325630.1
SM_V9_3 Liftoff exon    5519291 5519595 .       +       .
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Parent=Smp_349640.1;Name=da25a28e-e9b6-434f-afcf-e4dae892f823
SM_V9_3 iris    exon    5615664 5615728 .       +       .
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SM_V9_3 iris    exon    5616743 5616806 .       +       .
Parent=Smp_349640.1;Name=8fc848d4-84d2-4b58-a422-46a91a0857a1
SM_V9_3 iris    exon    5618159 5618236 .       +       .
Parent=Smp_349640.1;Name=82327b36-2749-460a-9d33-0d7e0012bd6b
SM_V9_3 iris    exon    5619077 5619222 .       +       .
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SM_V9_3 iris    CDS     5614714 5614764 .       +       2
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SM_V9_3 iris    CDS     5619077 5619222 .       +       2
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Parent=Smp_204720.1;Name=5f50abf8-3525-46df-9a33-6ef81a3fac15
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SM_V9_3 Liftoff gene    5863753 5872053 .       -       .
ID=Smp_267170;geneID=Smp_267170
SM_V9_3 Liftoff mRNA    5863753 5872053 .       -       .
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SM_V9_3 Liftoff exon    5863753 5870142 .       -       .
Parent=Smp_267170.1
SM_V9_3 Liftoff exon    5871596 5871792 .       -       .
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SM_V9_3 Liftoff exon    5871827 5872053 .       -       .
Parent=Smp_267170.1
SM_V9_3 Liftoff CDS     5869885 5870142 .       -       0
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SM_V9_3 iris    exon    5900416 5900625 .       -       .
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SM_V9_3 iris    exon    5902138 5902359 .       -       .
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Parent=Smp_204770.1;Name=363691c8-7bda-4019-94a7-ba54a96a7078
SM_V9_3 iris    exon    5904718 5905104 .       -       .
Parent=Smp_204770.1;Name=7519840a-968e-4916-bf89-7548107538fe
SM_V9_3 iris    exon    5905141 5905248 .       -       .
Parent=Smp_204770.1;Name=5becf458-dea5-4eb3-8b23-42d0b1e78ce1
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SM_V9_3 Liftoff mRNA    5913157 5947041 .       +       .
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Parent=Smp_267180.1;Name=fce4ec7d-b019-4b9c-bc0b-9f47bc6764a7
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SM_V9_3 iris    CDS     5972223 5972336 .       +       0
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Parent=Smp_187190.1
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Parent=Smp_187190.1
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Parent=Smp_187190.1
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Parent=Smp_204740.1
SM_V9_3 Liftoff exon    6111195 6111254 .       +       .
Parent=Smp_204740.1
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Parent=Smp_204740.1
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Parent=Smp_204740.1
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ID=Smp_204750.1;Parent=Smp_204750;geneID=Smp_204750;gene_name=Smp_20
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SM_V9_3 iris    exon    6141179 6144202 .       +       .
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Parent=Smp_204750.1
SM_V9_3 iris    CDS     6131020 6131926 .       +       0
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Parent=Smp_204750.1
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ID=Smp_190770;geneID=Smp_190770
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ID=Smp_190770.1;Parent=Smp_190770;geneID=Smp_190770;product=LanC-
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ID=Smp_029400.2;Parent=Smp_029400;geneID=Smp_029400;product=Elongati
on factor G, mitochondrial
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ID=Smp_340600;geneID=Smp_340600;gene_name=Smp_340600;owner=irisadmin
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SM_V9_3 iris    exon    7096458 7096683 .       -       .
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Parent=Smp_340600.1;Name=f7e4fea5-aa2c-4a1b-890e-0891bdaf1c07
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Parent=Smp_333480.1;Name=924cacb4-3155-4ac3-8c76-8f9a4a449c73
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Parent=Smp_333480.1;Name=fda852ea-b3b9-4c26-8361-6778ab32a0ee
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Parent=Smp_333480.1;Name=d8f5f85f-98ad-4e86-a4ae-278565e95ce5
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Parent=Smp_333480.1;Name=fc2cc60e-94db-47d8-826b-32d9a33fc0fd
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Parent=Smp_333480.1;Name=6f8e3b58-f4ce-46d1-a75f-d1041c15fbd4
SM_V9_3 iris    exon    7190492 7190695 .       +       .
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SM_V9_3 iris    exon    7195376 7195471 .       +       .
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SM_V9_3 iris    CDS     7142959 7142998 .       +       0
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SM_V9_3 iris    CDS     7149759 7150447 .       +       2
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SM_V9_3 iris    CDS     7153107 7153179 .       +       0
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SM_V9_3 iris    CDS     7172119 7172199 .       +       1
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Parent=Smp_333480.1
SM_V9_3 iris    CDS     7180441 7180606 .       +       0
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SM_V9_3 iris    CDS     7182490 7182578 .       +       2
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SM_V9_3 iris    CDS     7206911 7206988 .       +       0
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SM_V9_3 iris    exon    7142959 7142998 .       +       .
Parent=Smp_333480.2;Name=943a3d14-463b-4459-98f3-b011ef1af1f4
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Parent=Smp_333480.2;Name=4b2d3a9c-566c-43cf-8453-9da85802bc42
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Parent=Smp_333480.2;Name=a1b64538-ed4b-459d-a042-9f55be63c86c
SM_V9_3 iris    exon    7182490 7182578 .       +       .
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SM_V9_3 iris    exon    7183219 7183342 .       +       .
Parent=Smp_333480.2;Name=abc98853-2d13-4fe8-b68e-e68408e02939
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Parent=Smp_333480.2;Name=4e77fbef-5654-4a3c-911c-b223cab80166
SM_V9_3 iris    exon    7190492 7190695 .       +       .
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SM_V9_3 iris    exon    7191927 7192070 .       +       .
Parent=Smp_333480.2;Name=3e54cc98-f419-4d70-8f03-9c95ac322275
SM_V9_3 iris    exon    7195376 7195471 .       +       .
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Parent=Smp_138110.1
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protein;date_creation=2022-07-26
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ID=Smp_047720;geneID=Smp_047720
SM_V9_3 Liftoff mRNA    7305603 7332438 .       +       .
ID=Smp_047720.1;Parent=Smp_047720;geneID=Smp_047720;product=Polycomb
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Parent=Smp_047720.1
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SM_V9_3 Liftoff exon    7327175 7327360 .       +       .
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Parent=Smp_138140.1
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Parent=Smp_138150.1;Name=635824b6-3edd-4678-b462-f43d88a6e488
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Parent=Smp_138150.1;Name=70e0d89b-c49a-42c0-a7d1-43fd9e35fa48
SM_V9_3 iris    exon    7418007 7418171 .       -       .
Parent=Smp_138150.1;Name=297597ca-c5cc-408a-9808-63d4ac014efb
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Parent=Smp_138150.1;Name=e9c42c48-ac59-4bcc-97c2-e692e60190da
SM_V9_3 iris    exon    7425645 7426060 .       -       .
Parent=Smp_138150.1;Name=b8a21720-25b4-45f7-bed5-d841d0a47c6d
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Parent=Smp_138150.1
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Parent=Smp_346770.1
SM_V9_3 Liftoff exon    7520134 7520257 .       -       .
Parent=Smp_346770.1
SM_V9_3 Liftoff exon    7550833 7551905 .       -       .
Parent=Smp_346770.1
SM_V9_3 Liftoff CDS     7509048 7509124 .       -       2
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SM_V9_3 Liftoff CDS     7520134 7520257 .       -       0
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Parent=Smp_346770.1
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Parent=Smp_029470.1;Name=00bf79c1-2686-4a10-8b0c-bf6e51169e54
SM_V9_3 iris    exon    7596814 7596945 .       -       .
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Parent=Smp_029470.1;Name=77e747f2-4397-41da-af29-41f07ec49028
SM_V9_3 iris    exon    7601379 7601722 .       -       .
Parent=Smp_029470.1;Name=7ad98966-e610-48c0-9a70-137cdade3614
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Parent=Smp_029470.1;Name=f9034222-16be-4486-8dd1-38b540e910fc
SM_V9_3 iris    exon    7611102 7611139 .       -       .
Parent=Smp_029470.1;Name=5439ac1d-f938-4a60-acc8-4b0e9e2a0e08
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SM_V9_3 iris    CDS     7605428 7605592 .       -       0
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ID=Smp_340610.1;Parent=Smp_340610;geneID=Smp_340610;gene_name=Smp_34
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SM_V9_3 iris    exon    7619163 7619190 .       +       .
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ID=Smp_138160;geneID=Smp_138160;gene_name=Smp_138160;owner=irisadmin
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ID=Smp_138160.1;Parent=Smp_138160;geneID=Smp_138160;gene_name=Smp_13
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SM_V9_3 iris    exon    7646455 7646499 .       +       .
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SM_V9_3 iris    exon    7650740 7651618 .       +       .
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SM_V9_3 iris    CDS     7650788 7651591 .       +       0
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SM_V9_3 iris    mRNA    7699571 7795546 .       +       .
ID=Smp_333500.1;Parent=Smp_333500;geneID=Smp_333500;gene_name=Smp_33
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SM_V9_3 iris    exon    7699672 7699767 .       +       .
Parent=Smp_333500.1;Name=37fee765-6a24-40ba-b4d5-47d704345ff4
SM_V9_3 iris    exon    7699802 7699985 .       +       .
Parent=Smp_333500.1;Name=57a85e1d-f44c-4fc6-bd82-e6f9c417093c
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SM_V9_3 iris    exon    7701043 7701383 .       +       .
Parent=Smp_333500.1;Name=9e07cb5e-8e9d-4a84-a1d6-83f0210d4f98
SM_V9_3 iris    exon    7701424 7701458 .       +       .
Parent=Smp_333500.1;Name=bfd39694-436d-40e0-afa5-2cc54758dd94
SM_V9_3 iris    exon    7703254 7703370 .       +       .
Parent=Smp_333500.1;Name=e57e2e1d-f4ef-403b-a9b6-4f9b61efd551
SM_V9_3 iris    exon    7706501 7706669 .       +       .
Parent=Smp_333500.1;Name=b8efe387-ee51-4a6b-aa00-367cbe29705d
SM_V9_3 iris    exon    7712912 7713466 .       +       .
Parent=Smp_333500.1;Name=a8d35ba7-3393-486f-a8f4-04b5b96cbb7a
SM_V9_3 iris    exon    7727765 7727931 .       +       .
Parent=Smp_333500.1;Name=4c98d3f1-c097-408b-bd2a-93728323d59c
SM_V9_3 iris    exon    7739341 7739479 .       +       .
Parent=Smp_333500.1;Name=d7593c1e-2736-4ca7-8479-048d3523b0ba
SM_V9_3 iris    exon    7780588 7780713 .       +       .
Parent=Smp_333500.1;Name=f3996de0-a79e-4a90-a753-78a852a5b0b7
SM_V9_3 iris    exon    7788642 7788857 .       +       .
Parent=Smp_333500.1;Name=e837c680-9e7b-45e1-9daf-d6a17c9ed328
SM_V9_3 iris    exon    7790242 7790579 .       +       .
Parent=Smp_333500.1;Name=7580ee80-2339-4654-a827-322bf907d4ef
SM_V9_3 iris    exon    7790904 7790975 .       +       .
Parent=Smp_333500.1;Name=11e2ca44-33ca-447d-be54-42314926d429
SM_V9_3 iris    exon    7793396 7795546 .       +       .
Parent=Smp_333500.1;Name=a1e3e7d5-315e-4453-91c8-ecb9f8c5915e
SM_V9_3 iris    CDS     7699622 7699625 .       +       0
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7699672 7699767 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7699802 7699985 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7701043 7701383 .       +       1
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7701424 7701458 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7703254 7703370 .       +       0
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7706501 7706669 .       +       0
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7712912 7713466 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7727765 7727931 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7739341 7739479 .       +       0
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7780588 7780713 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7788642 7788857 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7790242 7790579 .       +       2
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7790904 7790975 .       +       0
Parent=Smp_333500.1
SM_V9_3 iris    CDS     7793396 7793509 .       +       0
Parent=Smp_333500.1
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SM_V9_3 iris    mRNA    7699571 7795546 .       +       .
ID=Smp_333500.2;Parent=Smp_333500;geneID=Smp_333500;gene_name=Smp_33
3500;owner=irisadmin@local.host;date_last_modified=2022-07-26;Name=S
mp_333500.2;product=Actin-binding LIM protein
1;date_creation=2022-07-26
SM_V9_3 iris    exon    7699571 7699625 .       +       .
Parent=Smp_333500.2;Name=1689d07a-14b8-47c1-b44c-f8a052f38143
SM_V9_3 iris    exon    7699672 7699767 .       +       .
Parent=Smp_333500.2;Name=d2a6d835-623d-4c9b-b07b-b3645e384fec
SM_V9_3 iris    exon    7699802 7699985 .       +       .
Parent=Smp_333500.2;Name=78053fe0-fb68-4ec5-ae5f-ada6767007c3
SM_V9_3 iris    exon    7701043 7701383 .       +       .
Parent=Smp_333500.2;Name=60f1b441-dbaf-41cd-8ae7-2def2cd10d00
SM_V9_3 iris    exon    7701424 7701458 .       +       .
Parent=Smp_333500.2;Name=548ebe5a-fa09-4752-bfb1-5dd1cd93f1d7
SM_V9_3 iris    exon    7703254 7703370 .       +       .
Parent=Smp_333500.2;Name=28b27269-c7f0-4ae8-978e-2968b1b4a3e7
SM_V9_3 iris    exon    7706501 7706669 .       +       .
Parent=Smp_333500.2;Name=e7e88104-f8c7-4e4f-b0da-a1171d5d156f
SM_V9_3 iris    exon    7712912 7713466 .       +       .
Parent=Smp_333500.2;Name=ca389a73-2f3e-40c8-9848-4e20a25f682f
SM_V9_3 iris    exon    7727765 7727931 .       +       .
Parent=Smp_333500.2;Name=6089d9de-da99-48cd-81cb-f46bc2734f69
SM_V9_3 iris    exon    7739341 7739479 .       +       .
Parent=Smp_333500.2;Name=626cf4db-2ae7-458f-bcb6-b3774b452150
SM_V9_3 iris    exon    7750199 7750312 .       +       .
Parent=Smp_333500.2;Name=ae255f09-bf54-4995-a7eb-016ee7ae202d
SM_V9_3 iris    exon    7780588 7780713 .       +       .
Parent=Smp_333500.2;Name=87a22d2d-1173-4dba-a934-ffb7529ff828
SM_V9_3 iris    exon    7788642 7788857 .       +       .
Parent=Smp_333500.2;Name=ee2bc3c7-dafd-458e-b6a2-8fc6e65964fd
SM_V9_3 iris    exon    7790242 7790579 .       +       .
Parent=Smp_333500.2;Name=aae59bd2-2eba-4df5-8a34-f6c96f49a0f8
SM_V9_3 iris    exon    7790904 7790975 .       +       .
Parent=Smp_333500.2;Name=ad3ce2bd-046c-4a67-958f-e1ba9f4bd4ff
SM_V9_3 iris    exon    7793396 7795546 .       +       .
Parent=Smp_333500.2;Name=1ef67724-a150-4152-8654-e1d18d03bc64
SM_V9_3 iris    CDS     7699622 7699625 .       +       0
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7699672 7699767 .       +       2
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7699802 7699985 .       +       2
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SM_V9_3 iris    CDS     7701043 7701383 .       +       1
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7701424 7701458 .       +       2
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7703254 7703370 .       +       0
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7706501 7706669 .       +       0
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7712912 7713466 .       +       2
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7727765 7727931 .       +       2
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Parent=Smp_333500.2
SM_V9_3 iris    CDS     7739341 7739479 .       +       0
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7750199 7750312 .       +       2
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7780588 7780713 .       +       2
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7788642 7788857 .       +       2
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7790242 7790579 .       +       2
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7790904 7790975 .       +       0
Parent=Smp_333500.2
SM_V9_3 iris    CDS     7793396 7793509 .       +       0
Parent=Smp_333500.2
SM_V9_3 iris    gene    7880739 7891805 .       +       .
ID=Smp_138180;geneID=Smp_138180;gene_name=Smp_138180;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    7880739 7891805 .       +       .
ID=Smp_138180.1;Parent=Smp_138180;geneID=Smp_138180;gene_name=Smp_13
8180;owner=irisadmin@local.host;orig_id=Smp_138180.1;date_last_modif
ied=2022-08-23;Name=Smp_138180.1;product=Methyl-CpG-binding domain
protein 2;date_creation=2022-08-23
SM_V9_3 iris    exon    7880739 7880877 .       +       .
Parent=Smp_138180.1;Name=b20fc853-f09f-498f-89fe-50bf2643b8dc
SM_V9_3 iris    exon    7883481 7883711 .       +       .
Parent=Smp_138180.1;Name=d6179b0a-133e-478b-be7c-b9defa919be5
SM_V9_3 iris    exon    7883774 7883970 .       +       .
Parent=Smp_138180.1;Name=7819e922-6df3-45ee-8c36-91b391b6af0a
SM_V9_3 iris    exon    7884009 7884154 .       +       .
Parent=Smp_138180.1;Name=6fb997db-dadb-490a-a1fc-a2fa52198698
SM_V9_3 iris    exon    7884202 7884295 .       +       .
Parent=Smp_138180.1;Name=d8d8f09d-3e1a-4799-9f2e-961ab7e035c3
SM_V9_3 iris    exon    7884712 7884878 .       +       .
Parent=Smp_138180.1;Name=10069e2c-883b-4d22-8b86-3206dc353c7f
SM_V9_3 iris    exon    7885935 7886030 .       +       .
Parent=Smp_138180.1;Name=bf198dfd-7ef7-46d8-ae7e-f76267b69968
SM_V9_3 iris    exon    7891445 7891805 .       +       .
Parent=Smp_138180.1;Name=4b52ef7a-01bd-4353-9c30-7fd0e4515233
SM_V9_3 iris    CDS     7883494 7883711 .       +       0
Parent=Smp_138180.1
SM_V9_3 iris    CDS     7883774 7883970 .       +       1
Parent=Smp_138180.1
SM_V9_3 iris    CDS     7884009 7884154 .       +       2
Parent=Smp_138180.1
SM_V9_3 iris    CDS     7884202 7884295 .       +       0
Parent=Smp_138180.1
SM_V9_3 iris    CDS     7884712 7884878 .       +       2
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SM_V9_3 iris    CDS     7885935 7886030 .       +       0
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SM_V9_3 iris    CDS     7891445 7891471 .       +       0
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SM_V9_3 Liftoff gene    7893617 7928462 .       -       .
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ID=Smp_331880;geneID=Smp_331880;previous_systematic_id=Smp_185570
SM_V9_3 Liftoff mRNA    7893617 7928462 .       -       .
ID=Smp_331880.1;Parent=Smp_331880;geneID=Smp_331880;product=Neurolig
in-4, X-
linked;polypeptide_domain=InterPro:IPR002018,IPR019819,IPR029058
Pfam:PF00135
SM_V9_3 Liftoff exon    7893617 7894742 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7899090 7899256 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7899794 7899980 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7903619 7903751 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7907388 7907572 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7908158 7908339 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7911368 7911704 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7917709 7917900 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7924456 7924609 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7927325 7927480 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7927518 7927665 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff exon    7927706 7928462 .       -       .
Parent=Smp_331880.1
SM_V9_3 Liftoff CDS     7893901 7894742 .       -       2
Parent=Smp_331880.1
SM_V9_3 Liftoff CDS     7899090 7899256 .       -       1
Parent=Smp_331880.1
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Parent=Smp_331880.1
SM_V9_3 Liftoff CDS     7903619 7903751 .       -       0
Parent=Smp_331880.1
SM_V9_3 Liftoff CDS     7907388 7907572 .       -       2
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SM_V9_3 Liftoff CDS     7908158 7908339 .       -       1
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SM_V9_3 Liftoff CDS     7911368 7911704 .       -       2
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SM_V9_3 Liftoff CDS     7917709 7917900 .       -       2
Parent=Smp_331880.1
SM_V9_3 Liftoff CDS     7924456 7924609 .       -       0
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SM_V9_3 Liftoff CDS     7927325 7927480 .       -       0
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SM_V9_3 Liftoff CDS     7927518 7927665 .       -       1
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SM_V9_3 Liftoff CDS     7927706 7927932 .       -       0
Parent=Smp_331880.1
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SM_V9_3 iris    gene    7935036 7988430 .       +       .
ID=Smp_138200;geneID=Smp_138200;gene_name=Smp_138200;owner=irisadmin
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SM_V9_3 iris    mRNA    7935036 7988430 .       +       .
ID=Smp_138200.1;Parent=Smp_138200;geneID=Smp_138200;gene_name=Smp_13
8200;owner=irisadmin@local.host;orig_id=Smp_138200.1;date_last_modif
ied=2022-07-26;Name=Smp_138200.1;product=Thyroid adenoma-associated
protein homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    7935036 7935067 .       +       .
Parent=Smp_138200.1;Name=05d90be2-4a75-4a61-ae9e-15ac91e43b9b
SM_V9_3 iris    exon    7935892 7936004 .       +       .
Parent=Smp_138200.1;Name=20891556-75b0-485d-81f4-7e635bfdb696
SM_V9_3 iris    exon    7936047 7936153 .       +       .
Parent=Smp_138200.1;Name=cf5ac764-7dc8-40c9-920d-2c1e598e5524
SM_V9_3 iris    exon    7936201 7936233 .       +       .
Parent=Smp_138200.1;Name=0545707f-8730-42b3-a144-36f5278c32ec
SM_V9_3 iris    exon    7936275 7936463 .       +       .
Parent=Smp_138200.1;Name=b479ce0c-c0ed-4eb3-a097-d794838d57a2
SM_V9_3 iris    exon    7936504 7936589 .       +       .
Parent=Smp_138200.1;Name=33eeb407-00c3-4833-ad64-f1faf344a799
SM_V9_3 iris    exon    7936631 7936938 .       +       .
Parent=Smp_138200.1;Name=e3176db7-192d-4dcc-aed0-34ce8ad22511
SM_V9_3 iris    exon    7936979 7937093 .       +       .
Parent=Smp_138200.1;Name=e88463c0-f5a4-40fe-a62e-d9dbba1eee35
SM_V9_3 iris    exon    7937138 7937204 .       +       .
Parent=Smp_138200.1;Name=bfe18661-85b0-47f9-99e8-ccd4c1fa4f13
SM_V9_3 iris    exon    7937257 7937546 .       +       .
Parent=Smp_138200.1;Name=c877c8ab-7932-41fe-b9be-a0ba9e251097
SM_V9_3 iris    exon    7942328 7942462 .       +       .
Parent=Smp_138200.1;Name=39c52e26-e9ff-4c0e-8201-1c98476b1c24
SM_V9_3 iris    exon    7944554 7944629 .       +       .
Parent=Smp_138200.1;Name=6500b5a5-e6a0-41fe-8520-e88a5467db92
SM_V9_3 iris    exon    7946724 7946860 .       +       .
Parent=Smp_138200.1;Name=d3dcf829-c7c1-4aa3-94e6-88b79f9021da
SM_V9_3 iris    exon    7947768 7947932 .       +       .
Parent=Smp_138200.1;Name=3087fcae-f92b-4ef4-91c4-c938c95d267e
SM_V9_3 iris    exon    7949265 7949330 .       +       .
Parent=Smp_138200.1;Name=aad860f2-b9c6-43d0-8761-82865c1c63f2
SM_V9_3 iris    exon    7950623 7950764 .       +       .
Parent=Smp_138200.1;Name=8fa27d6f-d9ae-4b8f-9ab9-5dfab2aa524e
SM_V9_3 iris    exon    7951982 7952190 .       +       .
Parent=Smp_138200.1;Name=112576b0-e337-4778-a6c4-feea269de85f
SM_V9_3 iris    exon    7954283 7954686 .       +       .
Parent=Smp_138200.1;Name=02f8f8b2-edbc-48b0-9dd5-70f89d4ae3ab
SM_V9_3 iris    exon    7955970 7956126 .       +       .
Parent=Smp_138200.1;Name=edd5515d-b90e-4389-b1ec-b5a12a625fbc
SM_V9_3 iris    exon    7958074 7958250 .       +       .
Parent=Smp_138200.1;Name=63179efb-e1d1-4e79-883b-aa6e9b868739
SM_V9_3 iris    exon    7961161 7961270 .       +       .
Parent=Smp_138200.1;Name=165e89df-c7b9-45bd-a289-5e0254228110
SM_V9_3 iris    exon    7962061 7962259 .       +       .
Parent=Smp_138200.1;Name=8b98abb4-e711-4663-996e-d7053db1caab
SM_V9_3 iris    exon    7963469 7963600 .       +       .
Parent=Smp_138200.1;Name=e4e0f72e-59b1-4969-8059-9df2f037b6ce
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SM_V9_3 iris    exon    7965490 7965621 .       +       .
Parent=Smp_138200.1;Name=b54dfe1b-f8c6-4c1a-a296-4cd6ad4dbb29
SM_V9_3 iris    exon    7967242 7967333 .       +       .
Parent=Smp_138200.1;Name=587c0412-c8ae-41b3-8492-f39b1a49b579
SM_V9_3 iris    exon    7969013 7969099 .       +       .
Parent=Smp_138200.1;Name=8f86f070-3547-4fb2-9cfd-33fa42c5c82c
SM_V9_3 iris    exon    7972715 7972837 .       +       .
Parent=Smp_138200.1;Name=b3fcebfa-6fdc-4bb5-922c-528208760d1d
SM_V9_3 iris    exon    7973942 7974131 .       +       .
Parent=Smp_138200.1;Name=36130c62-305b-40f0-bff0-ec5632321bbb
SM_V9_3 iris    exon    7976599 7976985 .       +       .
Parent=Smp_138200.1;Name=12297ed0-640d-4e19-9f3c-2e4b684cfab6
SM_V9_3 iris    exon    7979210 7979870 .       +       .
Parent=Smp_138200.1;Name=bf6a8e30-3d3d-4d5b-b23e-676e4804d2a1
SM_V9_3 iris    exon    7984879 7985001 .       +       .
Parent=Smp_138200.1;Name=08e6d371-ee8f-477d-b11f-e8fa7c2b1495
SM_V9_3 iris    exon    7986657 7986787 .       +       .
Parent=Smp_138200.1;Name=fd11c539-fab2-45b9-9030-d0da2217bd09
SM_V9_3 iris    exon    7987957 7988430 .       +       .
Parent=Smp_138200.1;Name=ae8cdf5f-5185-49d8-ad3d-fbf62c5abce0
SM_V9_3 iris    CDS     7935907 7936004 .       +       0
Parent=Smp_138200.1
SM_V9_3 iris    CDS     7936047 7936153 .       +       1
Parent=Smp_138200.1
SM_V9_3 iris    CDS     7936201 7936233 .       +       2
Parent=Smp_138200.1
SM_V9_3 iris    CDS     7936275 7936463 .       +       2
Parent=Smp_138200.1
SM_V9_3 iris    CDS     7936504 7936589 .       +       2
Parent=Smp_138200.1
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ID=Smp_333510;geneID=Smp_333510;previous_systematic_id=Smp_194080
SM_V9_3 Liftoff mRNA    8005796 8029645 .       +       .
ID=Smp_333510.1;Parent=Smp_333510;geneID=Smp_333510;product=DnaJ
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Pfam:PF00226
SM_V9_3 Liftoff exon    8005796 8005866 .       +       .
Parent=Smp_333510.1
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SM_V9_3 Liftoff CDS     8012825 8012881 .       +       0
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Parent=Smp_341840.1
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Parent=Smp_341840.1
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ID=Smp_194090.1;Parent=Smp_194090;geneID=Smp_194090;gene_name=Smp_19
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Parent=Smp_194090.1;Name=c1700ad6-fa83-4034-8bd3-cbf70ccebd38
SM_V9_3 iris    exon    8098411 8098627 .       -       .
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Parent=Smp_194090.1;Name=9185b793-7702-41b7-aa68-3407a4ca37e5
SM_V9_3 iris    CDS     8063285 8063497 .       -       0
Parent=Smp_194090.1
SM_V9_3 iris    CDS     8069288 8069473 .       -       0
Parent=Smp_194090.1
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Parent=Smp_194090.1
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Parent=Smp_194090.1
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Parent=Smp_194090.1
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ID=Smp_108390.1;Parent=Smp_108390;geneID=Smp_108390;gene_name=Smp_10
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H2B.2;date_creation=2022-08-23
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ID=Smp_194420.1;Parent=Smp_194420;geneID=Smp_194420;product=Hypothet
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SM_V9_3 Liftoff exon    8202296 8203022 .       +       .
Parent=Smp_194420.1
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Parent=Smp_194420.1
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SM_V9_3 iris    CDS     8277364 8277593 .       -       2
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SM_V9_3 iris    CDS     8284701 8284823 .       -       2
Parent=Smp_180540.1
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Parent=Smp_180540.1
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ID=Smp_104530;geneID=Smp_104530
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SM_V9_3 Liftoff exon    8338330 8338468 .       -       .
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SM_V9_3 Liftoff exon    8340680 8340786 .       -       .
Parent=Smp_104530.1
SM_V9_3 Liftoff CDS     8338330 8338468 .       -       1
Parent=Smp_104530.1
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45;polypeptide_domain=InterPro:IPR001619
Pfam:PF00995;Ontology_term=GO:0006904,GO:0016192
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Parent=Smp_104520.1
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SM_V9_3 iris    exon    8413959 8414087 .       -       .
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SM_V9_3 Liftoff mRNA    8447989 8544263 .       +       .
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SM_V9_3 Liftoff exon    8451342 8451526 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8453849 8453976 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8459640 8459710 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8460516 8460613 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8464670 8464778 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8472420 8472550 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8477227 8477304 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8479502 8479590 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8481357 8481601 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8484978 8485060 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8490071 8490190 .       +       .
Parent=Smp_104500.1
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SM_V9_3 Liftoff exon    8497519 8497603 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8498500 8498639 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8499112 8499250 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8502450 8502604 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8508101 8508183 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8509566 8509674 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8512488 8512751 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8516210 8516332 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8523571 8523649 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8527427 8527488 .       +       .
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SM_V9_3 Liftoff exon    8530606 8530770 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8533274 8533362 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8535671 8535772 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8540527 8540666 .       +       .
Parent=Smp_104500.1
SM_V9_3 Liftoff exon    8543592 8544263 .       +       .
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Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8448431 8448529 .       +       0
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SM_V9_3 Liftoff CDS     8448571 8448616 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8451342 8451526 .       +       2
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8453849 8453976 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8459640 8459710 .       +       1
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8460516 8460613 .       +       2
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8464670 8464778 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8472420 8472550 .       +       2
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8477227 8477304 .       +       0
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SM_V9_3 Liftoff CDS     8479502 8479590 .       +       0
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SM_V9_3 Liftoff CDS     8481357 8481601 .       +       1
Parent=Smp_104500.1
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SM_V9_3 Liftoff CDS     8484978 8485060 .       +       2
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SM_V9_3 Liftoff CDS     8490071 8490190 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8497519 8497603 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8498500 8498639 .       +       2
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8499112 8499250 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8502450 8502604 .       +       2
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8508101 8508183 .       +       0
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SM_V9_3 Liftoff CDS     8509566 8509674 .       +       1
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8512488 8512751 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8516210 8516332 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8523571 8523649 .       +       0
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Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8530606 8530770 .       +       0
Parent=Smp_104500.1
SM_V9_3 Liftoff CDS     8533274 8533362 .       +       0
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SM_V9_3 Liftoff CDS     8543592 8543689 .       +       2
Parent=Smp_104500.1
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03,IPR023214,IPR023298,IPR023299,IPR032630,IPR032631
Pfam:PF00122,PF13246,PF16209,PF16212;Ontology_term=GO:0000166,GO:000
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SM_V9_3 Liftoff exon    8447989 8448395 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8448431 8448529 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8448571 8448616 .       +       .
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SM_V9_3 Liftoff exon    8453849 8453976 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8459640 8459710 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8460516 8460613 .       +       .
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Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8464670 8464778 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8471274 8471407 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8477227 8477304 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8479502 8479590 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8481357 8481601 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8484978 8485060 .       +       .
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SM_V9_3 Liftoff exon    8490071 8490190 .       +       .
Parent=Smp_104500.2
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Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8499112 8499250 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8502450 8502604 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8508101 8508183 .       +       .
Parent=Smp_104500.2
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Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8516210 8516332 .       +       .
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SM_V9_3 Liftoff exon    8540527 8540666 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff exon    8543592 8544263 .       +       .
Parent=Smp_104500.2
SM_V9_3 Liftoff CDS     8448261 8448395 .       +       0
Parent=Smp_104500.2
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SM_V9_3 Liftoff CDS     8448571 8448616 .       +       0
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SM_V9_3 Liftoff CDS     8451342 8451526 .       +       2
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SM_V9_3 Liftoff CDS     8453849 8453976 .       +       0
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SM_V9_3 Liftoff CDS     8459640 8459710 .       +       1
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SM_V9_3 Liftoff CDS     8460516 8460613 .       +       2
Parent=Smp_104500.2
SM_V9_3 Liftoff CDS     8464670 8464778 .       +       0
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SM_V9_3 Liftoff CDS     8471274 8471407 .       +       2
Parent=Smp_104500.2
SM_V9_3 Liftoff CDS     8477227 8477304 .       +       0
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SM_V9_3 Liftoff CDS     8479502 8479590 .       +       0
Parent=Smp_104500.2
SM_V9_3 Liftoff CDS     8481357 8481601 .       +       1
Parent=Smp_104500.2
SM_V9_3 Liftoff CDS     8484978 8485060 .       +       2
Parent=Smp_104500.2
SM_V9_3 Liftoff CDS     8490071 8490190 .       +       0
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SM_V9_3 Liftoff CDS     8497519 8497603 .       +       0
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SM_V9_3 Liftoff CDS     8498500 8498639 .       +       2
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SM_V9_3 Liftoff CDS     8502450 8502604 .       +       2
Parent=Smp_104500.2
SM_V9_3 Liftoff CDS     8508101 8508183 .       +       0
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SM_V9_3 Liftoff CDS     8509566 8509674 .       +       1
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SM_V9_3 Liftoff CDS     8516210 8516332 .       +       0
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SM_V9_3 Liftoff CDS     8523571 8523649 .       +       0
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SM_V9_3 Liftoff CDS     8530606 8530770 .       +       0
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SM_V9_3 Liftoff exon    8448296 8448395 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8448431 8448529 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8448571 8448616 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8451342 8451526 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8453849 8453976 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8459640 8459710 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8460516 8460613 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8464670 8464778 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8471274 8471411 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8472420 8472550 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8477227 8477304 .       +       .
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Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8481357 8481601 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8484978 8485060 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8490071 8490190 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8497519 8497603 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8498500 8498639 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8499112 8499250 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8502450 8502604 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8508101 8508183 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8509566 8509674 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8512488 8512751 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8516210 8516332 .       +       .
Parent=Smp_104500.3
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SM_V9_3 Liftoff exon    8523571 8523649 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8527427 8527488 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8530606 8530770 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8533274 8533362 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8535671 8535772 .       +       .
Parent=Smp_104500.3
SM_V9_3 Liftoff exon    8540527 8540666 .       +       .
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SM_V9_3 Liftoff exon    8543592 8544263 .       +       .
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SM_V9_3 Liftoff CDS     8459640 8459710 .       +       1
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SM_V9_3 Liftoff CDS     8460516 8460613 .       +       2
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SM_V9_3 Liftoff CDS     8464670 8464778 .       +       0
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SM_V9_3 Liftoff CDS     8472420 8472550 .       +       2
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8477227 8477304 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8479502 8479590 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8481357 8481601 .       +       1
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8484978 8485060 .       +       2
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8490071 8490190 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8497519 8497603 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8498500 8498639 .       +       2
Parent=Smp_104500.3
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SM_V9_3 Liftoff CDS     8499112 8499250 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8502450 8502604 .       +       2
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8508101 8508183 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8509566 8509674 .       +       1
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8512488 8512751 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8516210 8516332 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8523571 8523649 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8527427 8527488 .       +       2
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8530606 8530770 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8533274 8533362 .       +       0
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8535671 8535772 .       +       1
Parent=Smp_104500.3
SM_V9_3 Liftoff CDS     8540527 8540666 .       +       1
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SM_V9_3 Liftoff CDS     8543592 8543689 .       +       2
Parent=Smp_104500.3
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0287,GO:0004012,GO:0005524,GO:0015914,GO:0016021
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Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8448431 8448529 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8448571 8448616 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8451342 8451526 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8453849 8453976 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8459640 8459710 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8460516 8460613 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8464670 8464778 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8471274 8471411 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8472420 8472550 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8477227 8477304 .       +       .
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Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8479502 8479590 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8481357 8481601 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8484978 8485060 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8490071 8490190 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8497519 8497603 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8498500 8498639 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8499112 8499250 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8502450 8502604 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8508101 8508183 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8509566 8509674 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8512488 8512751 .       +       .
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SM_V9_3 Liftoff exon    8516210 8516332 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8523571 8523649 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8527427 8527488 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8530606 8530770 .       +       .
Parent=Smp_104500.4
SM_V9_3 Liftoff exon    8533274 8533362 .       +       .
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SM_V9_3 Liftoff exon    8540527 8540666 .       +       .
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Parent=Smp_104500.4
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Parent=Smp_104500.4
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SM_V9_3 Liftoff CDS     8460516 8460613 .       +       2
Parent=Smp_104500.4
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Parent=Smp_104500.4
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SM_V9_3 Liftoff CDS     8543592 8543689 .       +       2
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ID=Smp_173810;geneID=Smp_173810
SM_V9_3 Liftoff mRNA    8662883 8687147 .       +       .
ID=Smp_173810.1;Parent=Smp_173810;geneID=Smp_173810;product=Serine/
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isoform;polypeptide_domain=InterPro:IPR000009,IPR001680,IPR011042,IP
R015943,IPR017986,IPR018067,IPR019775;Ontology_term=GO:0000159,GO:00
05515,GO:0019888
SM_V9_3 Liftoff exon    8662883 8662935 .       +       .
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Parent=Smp_173810.1
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Parent=Smp_173810.1
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SM_V9_3 Liftoff CDS     8670404 8670463 .       +       2
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SM_V9_3 Liftoff CDS     8670513 8670610 .       +       2
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SM_V9_3 Liftoff CDS     8674077 8674236 .       +       0
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SM_V9_3 Liftoff CDS     8678216 8678351 .       +       2
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SM_V9_3 Liftoff CDS     8685050 8685506 .       +       1
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ID=Smp_311920;geneID=Smp_311920;gene_name=Smp_311920;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-07-26
SM_V9_3 iris    mRNA    8709108 8754079 .       -       .
ID=Smp_311920.1;Parent=Smp_311920;geneID=Smp_311920;gene_name=Smp_31
1920;owner=irisadmin@local.host;orig_id=Smp_311920.1;date_last_modif
ied=2022-08-23;Name=Smp_311920.1;product=Microspherule protein
1;date_creation=2022-07-26
SM_V9_3 iris    exon    8709108 8709630 .       -       .
Parent=Smp_311920.1;Name=81f1aa64-8f07-4e1e-a433-3e9186f48964
SM_V9_3 iris    exon    8719776 8719956 .       -       .
Parent=Smp_311920.1;Name=12e4f8ae-e560-4fb8-b0b3-87ad689a186f
SM_V9_3 iris    exon    8720949 8721146 .       -       .
Parent=Smp_311920.1;Name=809416ad-d6a6-47f5-b61b-cd00d5e9551c
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Parent=Smp_311920.1;Name=ec510961-bab3-4d3d-b7aa-8bdc669f8447
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Parent=Smp_311920.1;Name=db7df20f-03dc-4d98-aa90-46c6b1a7ca87
SM_V9_3 iris    exon    8744728 8744837 .       -       .
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Parent=Smp_311920.1;Name=6b9efb1a-c269-467f-87b2-23502b2fdd5c
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SM_V9_3 iris    exon    8753957 8754079 .       -       .
Parent=Smp_311920.1;Name=33d3dc68-911b-459d-b12c-927c5486b573
SM_V9_3 iris    CDS     8709416 8709630 .       -       2
Parent=Smp_311920.1
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Parent=Smp_311920.1
SM_V9_3 iris    CDS     8720949 8721146 .       -       0
Parent=Smp_311920.1
SM_V9_3 iris    CDS     8727804 8728547 .       -       0
Parent=Smp_311920.1
SM_V9_3 iris    CDS     8735042 8735201 .       -       1
Parent=Smp_311920.1
SM_V9_3 iris    CDS     8744728 8744837 .       -       0
Parent=Smp_311920.1
SM_V9_3 iris    CDS     8745663 8745842 .       -       0
Parent=Smp_311920.1
SM_V9_3 iris    CDS     8745884 8745946 .       -       0
Parent=Smp_311920.1
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ID=Smp_346240;geneID=Smp_346240;previous_systematic_id=Smp_173780
SM_V9_3 Liftoff mRNA    8730543 8731002 .       +       .
ID=Smp_346240.1;Parent=Smp_346240;geneID=Smp_346240;product=Adenylos
uccinate synthetase
SM_V9_3 Liftoff exon    8730543 8730665 .       +       .
Parent=Smp_346240.1
SM_V9_3 Liftoff exon    8730707 8731002 .       +       .
Parent=Smp_346240.1
SM_V9_3 Liftoff CDS     8730603 8730665 .       +       0
Parent=Smp_346240.1
SM_V9_3 Liftoff CDS     8730707 8730928 .       +       0
Parent=Smp_346240.1
SM_V9_3 Liftoff gene    8775231 8795101 .       +       .
ID=Smp_173790;geneID=Smp_173790
SM_V9_3 Liftoff mRNA    8775231 8795101 .       +       .
ID=Smp_173790.1;Parent=Smp_173790;geneID=Smp_173790;product=Membrane
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2;polypeptide_domain=InterPro:IPR004299 Pfam:PF03062
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Parent=Smp_173790.1
SM_V9_3 Liftoff exon    8793935 8795101 .       +       .
Parent=Smp_173790.1
SM_V9_3 Liftoff CDS     8789422 8790498 .       +       0
Parent=Smp_173790.1
SM_V9_3 Liftoff CDS     8793935 8794672 .       +       0
Parent=Smp_173790.1
SM_V9_3 Liftoff gene    8778543 8782182 .       +       .
ID=Smp_094250;geneID=Smp_094250
SM_V9_3 Liftoff mRNA    8778543 8782182 .       +       .
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phosphoinositide-dependent protein kinase
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3,IPR017441,IPR033931
Pfam:PF00069,PF14593;Ontology_term=GO:0004672,GO:0005524,GO:0006468
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Parent=Smp_094250.1
SM_V9_3 Liftoff CDS     8779887 8781410 .       +       0
Parent=Smp_094250.1
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ID=Smp_325740;geneID=Smp_325740;gene_name=Smp_325740;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
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ID=Smp_325740.1;Parent=Smp_325740;geneID=Smp_325740;gene_name=Smp_32
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acyltransferase domain-containing protein 2;date_creation=2022-07-26
SM_V9_3 iris    exon    8811521 8812428 .       -       .
Parent=Smp_325740.1;Name=Smp_325740.1-CDS
SM_V9_3 iris    CDS     8811691 8812419 .       -       0
Parent=Smp_325740.1
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ID=Smp_204420;geneID=Smp_204420
SM_V9_3 Liftoff mRNA    8909249 8909410 .       +       .
ID=Smp_204420.1;Parent=Smp_204420;geneID=Smp_204420;product=Hypothet
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SM_V9_3 Liftoff exon    8909249 8909410 .       +       .
Parent=Smp_204420.1
SM_V9_3 Liftoff CDS     8909249 8909410 .       +       0
Parent=Smp_204420.1
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ID=Smp_179580;geneID=Smp_179580
SM_V9_3 Liftoff mRNA    8923604 8924009 .       -       .
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Parent=Smp_179580.1
SM_V9_3 Liftoff exon    8923863 8924009 .       -       .
Parent=Smp_179580.1
SM_V9_3 Liftoff CDS     8923604 8923738 .       -       0
Parent=Smp_179580.1
SM_V9_3 Liftoff CDS     8923863 8924009 .       -       0
Parent=Smp_179580.1
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ID=Smp_103010;geneID=Smp_103010;gene_name=Smp_103010;owner=irisadmin
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ID=Smp_103010.1;Parent=Smp_103010;geneID=Smp_103010;gene_name=Smp_10
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homolog;date_creation=2022-07-26
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SM_V9_3 iris    exon    8948939 8949094 .       +       .
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Parent=Smp_103010.1;Name=87e3da3e-9f63-4f3e-94e9-e47abb5f6efa
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SM_V9_3 iris    exon    8953628 8953830 .       +       .
Parent=Smp_103010.1;Name=30c686de-1bca-4d7c-b08d-ede12075cf48
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Parent=Smp_103010.1
SM_V9_3 iris    CDS     8949137 8949215 .       +       0
Parent=Smp_103010.1
SM_V9_3 iris    CDS     8949249 8949349 .       +       2
Parent=Smp_103010.1
SM_V9_3 iris    CDS     8949389 8949586 .       +       0
Parent=Smp_103010.1
SM_V9_3 iris    CDS     8953628 8953720 .       +       0
Parent=Smp_103010.1
SM_V9_3 iris    gene    8970499 9023722 .       +       .
ID=Smp_242670;geneID=Smp_242670;gene_name=Smp_242670;owner=irisadmin
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Parent=Smp_242670.1;Name=d12612a7-7fa9-46c5-aacc-3a25918d3c64
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ID=Smp_004550;geneID=Smp_004550
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13;polypeptide_domain=InterPro:IPR009346 Pfam:PF06212
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Parent=Smp_004550.1
SM_V9_3 Liftoff exon    9028672 9032860 .       -       .
Parent=Smp_004550.1
SM_V9_3 Liftoff CDS     9025173 9025531 .       -       2
Parent=Smp_004550.1
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SM_V9_3 iris    gene    9085793 9212340 .       -       .
ID=Smp_307880;geneID=Smp_307880;gene_name=Smp_307880;owner=irisadmin
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79
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SM_V9_3 iris    exon    9768811 9768907 .       -       .
Parent=Smp_167410.1;Name=8c9e7782-f947-4d96-876a-131aad961d20
SM_V9_3 iris    exon    9768955 9768998 .       -       .
Parent=Smp_167410.1;Name=a1ee6be8-509c-4944-b13c-c71fc73dbdde
SM_V9_3 iris    exon    9771560 9771583 .       -       .
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Parent=Smp_167410.1;Name=cd754cb6-b74b-4e95-bd58-f838126c0c61
SM_V9_3 iris    CDS     9754420 9754446 .       -       0
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9759257 9759394 .       -       0
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9760829 9760936 .       -       0
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9760992 9761020 .       -       2
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9761074 9761196 .       -       2
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9762899 9763038 .       -       1
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9763091 9763197 .       -       0
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9763234 9763329 .       -       0
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9763372 9763416 .       -       0
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9767784 9767826 .       -       1
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9768701 9768769 .       -       1
Parent=Smp_167410.1
SM_V9_3 iris    CDS     9768811 9768884 .       -       0
Parent=Smp_167410.1
SM_V9_3 iris    gene    9787955 9801330 .       +       .
ID=Smp_167430;geneID=Smp_167430;gene_name=Smp_167430;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    9787955 9801330 .       +       .
ID=Smp_167430.1;Parent=Smp_167430;geneID=Smp_167430;gene_name=Smp_16
7430;owner=irisadmin@local.host;orig_id=Smp_167430.1;date_last_modif
ied=2022-07-26;Name=Smp_167430.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    9787955 9788038 .       +       .
Parent=Smp_167430.1;Name=7344cab5-ddf1-45b3-8532-6c2c89d2c143
SM_V9_3 iris    exon    9789200 9789297 .       +       .
Parent=Smp_167430.1;Name=cfaf847c-cd44-4527-8141-2c4ff5c6e5d2
SM_V9_3 iris    exon    9792956 9793236 .       +       .
Parent=Smp_167430.1;Name=1148af27-96d8-4b66-987d-4b2d69db87d6
SM_V9_3 iris    exon    9795715 9795864 .       +       .
Parent=Smp_167430.1;Name=ecaecd21-f4dc-401f-8b86-22dd3279b628
SM_V9_3 iris    exon    9797666 9797818 .       +       .
Parent=Smp_167430.1;Name=6a355c68-31a2-4bee-a013-d6fc6969d1f4
SM_V9_3 iris    exon    9799926 9800239 .       +       .
Parent=Smp_167430.1;Name=883bfde6-4773-42ff-9e5d-a3cfc054039c
SM_V9_3 iris    exon    9801049 9801330 .       +       .
Parent=Smp_167430.1;Name=54be2b30-23eb-4ff6-96ae-2ef893b4b52d
SM_V9_3 iris    CDS     9789204 9789297 .       +       0
Parent=Smp_167430.1
SM_V9_3 iris    CDS     9792956 9793236 .       +       2
Parent=Smp_167430.1
SM_V9_3 iris    CDS     9795715 9795864 .       +       0
Parent=Smp_167430.1
SM_V9_3 iris    CDS     9797666 9797818 .       +       0
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Parent=Smp_167430.1
SM_V9_3 iris    CDS     9799926 9800239 .       +       0
Parent=Smp_167430.1
SM_V9_3 iris    CDS     9801049 9801295 .       +       1
Parent=Smp_167430.1
SM_V9_3 iris    gene    9868145 9914773 .       +       .
ID=Smp_167450;geneID=Smp_167450;gene_name=Smp_167450;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    9868145 9914773 .       +       .
ID=Smp_167450.1;Parent=Smp_167450;geneID=Smp_167450;gene_name=Smp_16
7450;owner=irisadmin@local.host;orig_id=Smp_167450.1;date_last_modif
ied=2022-07-26;Name=Smp_167450.1;product=Acid-sensing ion channel
4;date_creation=2022-07-26
SM_V9_3 iris    exon    9868145 9869178 .       +       .
Parent=Smp_167450.1;Name=c12d5a09-3967-45c7-bb61-01d6ebeb66aa
SM_V9_3 iris    exon    9881268 9881513 .       +       .
Parent=Smp_167450.1;Name=0945b980-73c3-47e9-9583-adf4aed16a1e
SM_V9_3 iris    exon    9885682 9885858 .       +       .
Parent=Smp_167450.1;Name=477c35bc-1313-4350-bd04-3103ae84ee84
SM_V9_3 iris    exon    9891177 9891271 .       +       .
Parent=Smp_167450.1;Name=9c0a0fcd-40c0-44ea-b7f2-06a28c5f2a2a
SM_V9_3 iris    exon    9896890 9897164 .       +       .
Parent=Smp_167450.1;Name=16fd959c-7d37-4bc2-b5aa-fc7509c02eeb
SM_V9_3 iris    exon    9899284 9899380 .       +       .
Parent=Smp_167450.1;Name=8aaeec70-5f48-4866-aa1f-14b148df1e4a
SM_V9_3 iris    exon    9901662 9901999 .       +       .
Parent=Smp_167450.1;Name=a7ce1b63-15b8-4415-94ee-ac2390b79dcd
SM_V9_3 iris    exon    9906120 9907033 .       +       .
Parent=Smp_167450.1;Name=e4f4a0ae-aa1d-4ab7-a47a-d266ee004431
SM_V9_3 iris    exon    9908731 9908822 .       +       .
Parent=Smp_167450.1;Name=28a8cb0f-6a91-4dc1-94d1-ad6618d318f3
SM_V9_3 iris    exon    9911146 9911253 .       +       .
Parent=Smp_167450.1;Name=718f3d5b-d582-4d92-bcde-79a43ed548a0
SM_V9_3 iris    exon    9914281 9914773 .       +       .
Parent=Smp_167450.1;Name=ad0c1224-99e5-420d-bb2b-db3828c7bf5e
SM_V9_3 iris    CDS     9868235 9869178 .       +       0
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9881268 9881513 .       +       1
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9885682 9885858 .       +       1
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9891177 9891271 .       +       1
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9896890 9897164 .       +       2
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9899284 9899380 .       +       0
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9901662 9901999 .       +       2
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9906120 9907033 .       +       0
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9908731 9908822 .       +       1
Parent=Smp_167450.1
SM_V9_3 iris    CDS     9911146 9911253 .       +       2
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Parent=Smp_167450.1
SM_V9_3 iris    CDS     9914281 9914288 .       +       2
Parent=Smp_167450.1
SM_V9_3 Liftoff gene    9991795 10007167        .       +       .
        ID=Smp_083480;geneID=Smp_083480
SM_V9_3 Liftoff mRNA    9991795 10007167        .       +       .

ID=Smp_083480.1;Parent=Smp_083480;geneID=Smp_083480;product=Immunogl
obulin superfamily member
10;polypeptide_domain=InterPro:IPR007110,IPR013783
SM_V9_3 Liftoff exon    9991795 9993662 .       +       .
Parent=Smp_083480.1
SM_V9_3 Liftoff exon    9994570 9994887 .       +       .
Parent=Smp_083480.1
SM_V9_3 Liftoff exon    9996886 9997181 .       +       .
Parent=Smp_083480.1
SM_V9_3 Liftoff exon    9999061 9999280 .       +       .
Parent=Smp_083480.1
SM_V9_3 Liftoff exon    10004983        10005066        .       +
        .       Parent=Smp_083480.1
SM_V9_3 Liftoff exon    10005680        10007167        .       +
        .       Parent=Smp_083480.1
SM_V9_3 Liftoff CDS     9993617 9993662 .       +       0
Parent=Smp_083480.1
SM_V9_3 Liftoff CDS     9994570 9994887 .       +       2
Parent=Smp_083480.1
SM_V9_3 Liftoff CDS     9996886 9997181 .       +       2
Parent=Smp_083480.1
SM_V9_3 Liftoff CDS     9999061 9999280 .       +       0
Parent=Smp_083480.1
SM_V9_3 Liftoff CDS     10004983        10005066        .       +
        2       Parent=Smp_083480.1
SM_V9_3 Liftoff CDS     10005680        10005843        .       +
        2       Parent=Smp_083480.1
SM_V9_3 Liftoff mRNA    9991795 10007167        .       +       .

ID=Smp_083480.2;Parent=Smp_083480;geneID=Smp_083480;product=Obscurin
;polypeptide_domain=InterPro:IPR007110,IPR013783
SM_V9_3 Liftoff exon    9991795 9993662 .       +       .
Parent=Smp_083480.2
SM_V9_3 Liftoff exon    9994570 9994887 .       +       .
Parent=Smp_083480.2
SM_V9_3 Liftoff exon    9996886 9997181 .       +       .
Parent=Smp_083480.2
SM_V9_3 Liftoff exon    9999061 9999280 .       +       .
Parent=Smp_083480.2
SM_V9_3 Liftoff exon    10005680        10007167        .       +
        .       Parent=Smp_083480.2
SM_V9_3 Liftoff CDS     9993617 9993662 .       +       0
Parent=Smp_083480.2
SM_V9_3 Liftoff CDS     9994570 9994887 .       +       2
Parent=Smp_083480.2
SM_V9_3 Liftoff CDS     9996886 9997181 .       +       2
Parent=Smp_083480.2
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SM_V9_3 Liftoff CDS     9999061 9999280 .       +       0
Parent=Smp_083480.2
SM_V9_3 Liftoff CDS     10005680        10005843        .       +
        2       Parent=Smp_083480.2
SM_V9_3 iris    gene    10011794        10043379        .       -
        .
ID=Smp_333520;geneID=Smp_333520;gene_name=Smp_333520;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    10011794        10043379        .       -
        .
ID=Smp_333520.1;Parent=Smp_333520;geneID=Smp_333520;gene_name=Smp_33
3520;owner=irisadmin@local.host;orig_id=Smp_333520.2;date_last_modif
ied=2022-07-26;Name=Smp_333520.1;product=Cadherin-related tumor
suppressor;date_creation=2022-07-26
SM_V9_3 iris    exon    10011794        10014558        .       -
        .       Parent=Smp_333520.1;Name=b8add58a-99cd-4b04-
ab8b-797ed70a49f0
SM_V9_3 iris    exon    10014985        10015318        .       -
        .       Parent=Smp_333520.1;Name=af3c392d-237a-4d63-a7fe-
b6307f78dd8b
SM_V9_3 iris    exon    10020911        10020981        .       -
        .       Parent=Smp_333520.1;Name=99656e16-f93e-41c7-b5b3-
befbcb21d827
SM_V9_3 iris    exon    10037676        10038178        .       -
        .       Parent=Smp_333520.1;Name=4ac948d8-7419-405f-
a2ae-809f7ae1171b
SM_V9_3 iris    exon    10039877        10041657        .       -
        .       Parent=Smp_333520.1;Name=b49a06e0-5a25-47c6-
bc31-3f5d7053f0aa
SM_V9_3 iris    exon    10043110        10043379        .       -
        .       Parent=Smp_333520.1;Name=1d1fff31-e5f1-4694-
b383-6a49eb52c4c6
SM_V9_3 iris    CDS     10013453        10014558        .       -
        2       Parent=Smp_333520.1
SM_V9_3 iris    CDS     10014985        10015318        .       -
        0       Parent=Smp_333520.1
SM_V9_3 iris    CDS     10020911        10020981        .       -
        2       Parent=Smp_333520.1
SM_V9_3 iris    CDS     10037676        10038178        .       -
        1       Parent=Smp_333520.1
SM_V9_3 iris    CDS     10039877        10041657        .       -
        0       Parent=Smp_333520.1
SM_V9_3 iris    CDS     10043110        10043316        .       -
        0       Parent=Smp_333520.1
SM_V9_3 Liftoff gene    10100688        10102461        .       -
        .       ID=Smp_167470;geneID=Smp_167470
SM_V9_3 Liftoff mRNA    10100688        10102461        .       -
        .
ID=Smp_167470.1;Parent=Smp_167470;geneID=Smp_167470;product=Protocad
herin gamma-
A6;polypeptide_domain=InterPro:IPR002126,IPR013164,IPR015919,IPR0208
94
Pfam:PF00028,PF08266;Ontology_term=GO:0005509,GO:0005886,GO:0007155,
GO:0007156,GO:0016020
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SM_V9_3 Liftoff exon    10100688        10102461        .       -
        .       Parent=Smp_167470.1
SM_V9_3 Liftoff CDS     10100773        10102242        .       -
        0       Parent=Smp_167470.1
SM_V9_3 Liftoff gene    10111218        10125382        .       +
        .
ID=Smp_243180;geneID=Smp_243180;previous_systematic_id=Smp_083530,Sm
p_167480,Smp_188070
SM_V9_3 Liftoff mRNA    10111218        10125382        .       +
        .
ID=Smp_243180.1;Parent=Smp_243180;geneID=Smp_243180;product=Ubiquiti
n carboxyl-terminal hydrolase
38;polypeptide_domain=InterPro:IPR001394,IPR018200,IPR028889
Pfam:PF00443;Ontology_term=GO:0006511,GO:0016579,GO:0036459
SM_V9_3 Liftoff exon    10111218        10112895        .       +
        .       Parent=Smp_243180.1
SM_V9_3 Liftoff exon    10114290        10114643        .       +
        .       Parent=Smp_243180.1
SM_V9_3 Liftoff exon    10116125        10116294        .       +
        .       Parent=Smp_243180.1
SM_V9_3 Liftoff exon    10121003        10121360        .       +
        .       Parent=Smp_243180.1
SM_V9_3 Liftoff exon    10123961        10125382        .       +
        .       Parent=Smp_243180.1
SM_V9_3 Liftoff CDS     10111330        10112895        .       +
        0       Parent=Smp_243180.1
SM_V9_3 Liftoff CDS     10114290        10114643        .       +
        0       Parent=Smp_243180.1
SM_V9_3 Liftoff CDS     10116125        10116294        .       +
        0       Parent=Smp_243180.1
SM_V9_3 Liftoff CDS     10121003        10121360        .       +
        1       Parent=Smp_243180.1
SM_V9_3 Liftoff CDS     10123961        10124509        .       +
        0       Parent=Smp_243180.1
SM_V9_3 iris    gene    10130578        10166366        .       +
        .
ID=Smp_243200;geneID=Smp_243200;gene_name=Smp_243200;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    10130578        10166366        .       +
        .
ID=Smp_243200.1;Parent=Smp_243200;geneID=Smp_243200;gene_name=Smp_24
3200;owner=irisadmin@local.host;orig_id=Smp_243200.1;date_last_modif
ied=2022-07-26;Name=Smp_243200.1;product=Calpain-7;date_creation=202
2-07-26
SM_V9_3 iris    exon    10130578        10130705        .       +
        .       Parent=Smp_243200.1;Name=ea9f8f21-040d-419d-
b322-510c5ae77551
SM_V9_3 iris    exon    10132531        10132666        .       +
        .       Parent=Smp_243200.1;Name=94c7d5ee-bffd-49db-
a490-9f83e90e2e91
SM_V9_3 iris    exon    10132700        10132858        .       +
        .       Parent=Smp_243200.1;Name=b8c29a2b-e586-4503-bcff-
c14683485c07
SM_V9_3 iris    exon    10132894        10133010        .       +
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        .       Parent=Smp_243200.1;Name=32423dac-0722-4426-85d8-
d8b9a496c5fb
SM_V9_3 iris    exon    10133049        10133116        .       +
        .
Parent=Smp_243200.1;Name=9ef253c9-679c-41bc-8506-3f4a42a5984a
SM_V9_3 iris    exon    10133154        10133305        .       +
        .       Parent=Smp_243200.1;Name=4662df44-e591-4cb4-808a-
b734c6f44b7a
SM_V9_3 iris    exon    10134128        10134257        .       +
        .       Parent=Smp_243200.1;Name=ca7b92e4-037b-4759-ab78-
e6f48e36c580
SM_V9_3 iris    exon    10136142        10136354        .       +
        .       Parent=Smp_243200.1;Name=a78ab83c-2035-4783-9a3a-
b970ddd28f56
SM_V9_3 iris    exon    10139523        10139616        .       +
        .       Parent=Smp_243200.1;Name=62b622e0-164a-424f-
b401-9a77d252d261
SM_V9_3 iris    exon    10141942        10142088        .       +
        .       Parent=Smp_243200.1;Name=9d6e9b33-12ba-437a-
a619-5abaaeaa8534
SM_V9_3 iris    exon    10145321        10145548        .       +
        .       Parent=Smp_243200.1;Name=0e9e045e-7557-44ae-
a4a3-58c5c2873a72
SM_V9_3 iris    exon    10151159        10151403        .       +
        .       Parent=Smp_243200.1;Name=0298173c-5dc9-4401-8932-
bc11489138c4
SM_V9_3 iris    exon    10153906        10154038        .       +
        .       Parent=Smp_243200.1;Name=3b8feaef-d2e9-4981-aff5-
afdd167d9e12
SM_V9_3 iris    exon    10157498        10157782        .       +
        .
Parent=Smp_243200.1;Name=c0a272ca-3ce8-479d-9a7d-8f235a95ca54
SM_V9_3 iris    exon    10161762        10161901        .       +
        .
Parent=Smp_243200.1;Name=abed4b84-8cba-4712-92d1-9e8610772bdb
SM_V9_3 iris    exon    10163307        10163399        .       +
        .       Parent=Smp_243200.1;Name=5c321725-b251-4d67-
a6c3-5adad0d6d88d
SM_V9_3 iris    exon    10165946        10166366        .       +
        .
Parent=Smp_243200.1;Name=24bd6d23-2330-4bc1-9da4-6aa320c31407
SM_V9_3 iris    CDS     10132562        10132666        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10132700        10132858        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10132894        10133010        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10133049        10133116        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10133154        10133305        .       +
        1       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10134128        10134257        .       +
        2       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10136142        10136354        .       +
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        1       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10139523        10139616        .       +
        1       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10141942        10142088        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10145321        10145548        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10151159        10151403        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10153906        10154038        .       +
        1       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10157498        10157782        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10161762        10161901        .       +
        0       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10163307        10163399        .       +
        1       Parent=Smp_243200.1
SM_V9_3 iris    CDS     10165946        10166087        .       +
        1       Parent=Smp_243200.1
SM_V9_3 Liftoff gene    10169811        10179395        .       +
        .       ID=Smp_167490;geneID=Smp_167490
SM_V9_3 Liftoff mRNA    10169811        10179395        .       +
        .
ID=Smp_167490.1;Parent=Smp_167490;geneID=Smp_167490;product=T-cell
immunomodulatory protein
SM_V9_3 Liftoff exon    10169811        10169876        .       +
        .       Parent=Smp_167490.1
SM_V9_3 Liftoff exon    10179294        10179395        .       +
        .       Parent=Smp_167490.1
SM_V9_3 Liftoff CDS     10169811        10169876        .       +
        0       Parent=Smp_167490.1
SM_V9_3 Liftoff CDS     10179294        10179395        .       +
        0       Parent=Smp_167490.1
SM_V9_3 iris    gene    10171974        10174878        .       -
        .
ID=Smp_337660;geneID=Smp_337660;gene_name=Smp_337660;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    10171974        10174878        .       -
        .
ID=Smp_337660.1;Parent=Smp_337660;geneID=Smp_337660;gene_name=Smp_33
7660;owner=irisadmin@local.host;orig_id=Smp_337660.1;date_last_modif
ied=2022-08-23;Name=Smp_337660.1;product=Cytochrome b-c1 complex
subunit 10;date_creation=2022-08-23
SM_V9_3 iris    exon    10171974        10172252        .       -
        .       Parent=Smp_337660.1;Name=9483d302-fbbb-455c-a1be-
c09510670460
SM_V9_3 iris    exon    10172287        10172401        .       -
        .       Parent=Smp_337660.1;Name=b796343a-5614-459a-
bfb0-20e7f4fe2628
SM_V9_3 iris    exon    10174830        10174878        .       -
        .
Parent=Smp_337660.1;Name=b6d7cb27-542d-4401-8e2b-88eea2ef3aa8
SM_V9_3 iris    CDS     10172129        10172252        .       -
        1       Parent=Smp_337660.1
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SM_V9_3 iris    CDS     10172287        10172360        .       -
        0       Parent=Smp_337660.1
SM_V9_3 iris    gene    10188478        10195012        .       +
        .
ID=Smp_167500;geneID=Smp_167500;gene_name=Smp_167500;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    10188478        10195012        .       +
        .
ID=Smp_167500.1;Parent=Smp_167500;geneID=Smp_167500;gene_name=Smp_16
7500;owner=irisadmin@local.host;orig_id=Smp_167500.1;date_last_modif
ied=2022-07-26;Name=Smp_167500.1;product=DNA-(apurinic or
apyrimidinic site) lyase 2;date_creation=2022-07-26
SM_V9_3 iris    exon    10188478        10190323        .       +
        .
Parent=Smp_167500.1;Name=3f356333-9954-48a6-8421-5f5f7fb975dc
SM_V9_3 iris    exon    10190369        10190511        .       +
        .       Parent=Smp_167500.1;Name=b3f58300-d7f1-4c1f-
a478-73bcc4c7eec0
SM_V9_3 iris    exon    10190550        10190630        .       +
        .
Parent=Smp_167500.1;Name=edbad8b5-331a-48ff-966b-8386295b02ff
SM_V9_3 iris    exon    10190663        10191023        .       +
        .       Parent=Smp_167500.1;Name=d739a41d-3d39-4d17-aafc-
e0f37812ce76
SM_V9_3 iris    exon    10191060        10191132        .       +
        .       Parent=Smp_167500.1;Name=3f978a24-
f1cf-420a-9ccf-13488fbb18db
SM_V9_3 iris    exon    10192591        10192712        .       +
        .       Parent=Smp_167500.1;Name=c7a80792-e5e1-465a-8148-
b3bd8fc8255a
SM_V9_3 iris    exon    10193857        10194308        .       +
        .
Parent=Smp_167500.1;Name=838ee232-34ab-4269-9224-6d6fbac649d8
SM_V9_3 iris    exon    10194619        10195012        .       +
        .       Parent=Smp_167500.1;Name=eac54fe2-f7be-47ae-9c82-
c099ae140903
SM_V9_3 iris    CDS     10190388        10190511        .       +
        0       Parent=Smp_167500.1
SM_V9_3 iris    CDS     10190550        10190630        .       +
        2       Parent=Smp_167500.1
SM_V9_3 iris    CDS     10190663        10191023        .       +
        2       Parent=Smp_167500.1
SM_V9_3 iris    CDS     10191060        10191132        .       +
        1       Parent=Smp_167500.1
SM_V9_3 iris    CDS     10192591        10192712        .       +
        0       Parent=Smp_167500.1
SM_V9_3 iris    CDS     10193857        10194308        .       +
        1       Parent=Smp_167500.1
SM_V9_3 iris    CDS     10194619        10194962        .       +
        2       Parent=Smp_167500.1
SM_V9_3 iris    gene    10194938        10204109        .       -
        .
ID=Smp_083540;geneID=Smp_083540;gene_name=Smp_083540;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
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SM_V9_3 iris    mRNA    10194938        10204109        .       -
       .
ID=Smp_083540.1;Parent=Smp_083540;geneID=Smp_083540;gene_name=Smp_08
3540;owner=irisadmin@local.host;orig_id=Smp_083540.1;date_last_modif
ied=2022-08-23;Name=Smp_083540.1;product=Myotubularin-related
protein 2;date_creation=2022-08-23
SM_V9_3 iris    exon    10194938        10195843        .       -
       .       Parent=Smp_083540.1;Name=e29ff15c-e76b-45d4-
ba5b-050012d1e75c
SM_V9_3 iris    exon    10195969        10196211        .       -
       .       Parent=Smp_083540.1;Name=db8cc067-1606-4087-
a7ee-49c38b002701
SM_V9_3 iris    exon    10201340        10201624        .       -
       .       Parent=Smp_083540.1;Name=edf8dbf7-
d4d1-4285-9c52-9e7f083fbb4b
SM_V9_3 iris    exon    10203425        10203628        .       -
       .
Parent=Smp_083540.1;Name=3246a8e1-76f4-4d07-89f1-582fec3ebbc6
SM_V9_3 iris    exon    10203664        10203873        .       -
       .       Parent=Smp_083540.1;Name=d16fe3b2-3666-45f7-
aaed-094d65e691ff
SM_V9_3 iris    exon    10203903        10204109        .       -
       .       Parent=Smp_083540.1;Name=66692859-9834-4a31-b747-
bfa4353ba494
SM_V9_3 iris    CDS     10195058        10195843        .       -
       0       Parent=Smp_083540.1
SM_V9_3 iris    CDS     10195969        10196211        .       -
       0       Parent=Smp_083540.1
SM_V9_3 iris    CDS     10201340        10201624        .       -
       0       Parent=Smp_083540.1
SM_V9_3 iris    CDS     10203425        10203628        .       -
       0       Parent=Smp_083540.1
SM_V9_3 iris    CDS     10203664        10203873        .       -
       0       Parent=Smp_083540.1
SM_V9_3 iris    CDS     10203903        10204028        .       -
       0       Parent=Smp_083540.1
SM_V9_3 Liftoff gene    10221826        10223514        .       -
       .
ID=Smp_345730;geneID=Smp_345730;previous_systematic_id=Smp_167510
SM_V9_3 Liftoff mRNA    10221826        10223514        .       -
       .
ID=Smp_345730.1;Parent=Smp_345730;geneID=Smp_345730;product=Phosphop
entomutase
SM_V9_3 Liftoff exon    10221826        10223514        .       -
       .       Parent=Smp_345730.1
SM_V9_3 Liftoff CDS     10221852        10222316        .       -
       0       Parent=Smp_345730.1
SM_V9_3 Liftoff gene    10228158        10270408        .       +
       .       ID=Smp_167520;geneID=Smp_167520
SM_V9_3 Liftoff mRNA    10228158        10270408        .       +
       .
ID=Smp_167520.1;Parent=Smp_167520;geneID=Smp_167520;product=Tyrosine
-protein phosphatase non-receptor type
9;polypeptide_domain=InterPro:IPR000242,IPR000387,IPR001251,IPR00359
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5,IPR016130,IPR029021
Pfam:PF00102,PF00650;Ontology_term=GO:0004725,GO:0006470,GO:0016311,
GO:0016791
SM_V9_3 Liftoff exon    10228158        10228250        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10231458        10231589        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10231631        10231720        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10231760        10231881        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10233336        10233441        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10236414        10236665        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10237815        10238120        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10241749        10242454        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10244617        10245340        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10250128        10250411        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10255918        10255996        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10258579        10258825        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10264768        10264981        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff exon    10267542        10270408        .       +
        .       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10228203        10228250        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10231458        10231589        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10231631        10231720        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10231760        10231881        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10233336        10233441        .       +
        1       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10236414        10236665        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10237815        10238120        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10241749        10242454        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10244617        10245340        .       +
        2       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10250128        10250411        .       +
        1       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10255918        10255996        .       +
        2       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10258579        10258825        .       +
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        1       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10264768        10264981        .       +
        0       Parent=Smp_167520.1
SM_V9_3 Liftoff CDS     10267542        10268689        .       +
        2       Parent=Smp_167520.1
SM_V9_3 iris    gene    10286098        10299891        .       +
        .
ID=Smp_167540;geneID=Smp_167540;gene_name=Smp_167540;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    10286098        10299891        .       +
        .
ID=Smp_167540.1;Parent=Smp_167540;geneID=Smp_167540;gene_name=Smp_16
7540;owner=irisadmin@local.host;orig_id=Smp_167540.1;date_last_modif
ied=2022-08-23;Name=Smp_167540.1;product=DNA replication factor
Cdt1;date_creation=2022-08-23
SM_V9_3 iris    exon    10286098        10286251        .       +
        .       Parent=Smp_167540.1;Name=03abcf99-4926-4560-b3c2-
a821e7b7f48d
SM_V9_3 iris    exon    10286292        10286456        .       +
        .       Parent=Smp_167540.1;Name=e67ef65d-b2d4-4456-
b7d2-9a5ded4fb5af
SM_V9_3 iris    exon    10289556        10289941        .       +
        .
Parent=Smp_167540.1;Name=febc618d-242d-41d5-9de9-587d71b25405
SM_V9_3 iris    exon    10290995        10291137        .       +
        .
Parent=Smp_167540.1;Name=78d78a39-3e7a-475f-88f4-1c79813f4a63
SM_V9_3 iris    exon    10292360        10292484        .       +
        .
Parent=Smp_167540.1;Name=4c439f0a-46e3-4ead-87bf-6e3501248046
SM_V9_3 iris    exon    10293620        10294060        .       +
        .       Parent=Smp_167540.1;Name=dc8f4ac3-13a8-4193-
a66c-5313a7503a5b
SM_V9_3 iris    exon    10296186        10296390        .       +
        .       Parent=Smp_167540.1;Name=863c2ca0-aff5-4e96-
bf4a-414bcffbc45d
SM_V9_3 iris    exon    10299447        10299891        .       +
        .       Parent=Smp_167540.1;Name=929b637b-e651-43e2-888f-
f90252029c38
SM_V9_3 iris    CDS     10286150        10286251        .       +
        0       Parent=Smp_167540.1
SM_V9_3 iris    CDS     10286292        10286456        .       +
        0       Parent=Smp_167540.1
SM_V9_3 iris    CDS     10289556        10289941        .       +
        0       Parent=Smp_167540.1
SM_V9_3 iris    CDS     10290995        10291137        .       +
        1       Parent=Smp_167540.1
SM_V9_3 iris    CDS     10292360        10292484        .       +
        2       Parent=Smp_167540.1
SM_V9_3 iris    CDS     10293620        10294060        .       +
        0       Parent=Smp_167540.1
SM_V9_3 iris    CDS     10296186        10296390        .       +
        0       Parent=Smp_167540.1
SM_V9_3 iris    CDS     10299447        10299613        .       +
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        2       Parent=Smp_167540.1
SM_V9_3 iris    gene    10304575        10340704        .       -
        .
ID=Smp_167550;geneID=Smp_167550;gene_name=Smp_167550;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    10304575        10340704        .       -
        .
ID=Smp_167550.1;Parent=Smp_167550;geneID=Smp_167550;gene_name=Smp_16
7550;owner=irisadmin@local.host;orig_id=Smp_167550.2;date_last_modif
ied=2022-07-26;Name=Smp_167550.1;product=Sorting
nexin-33;date_creation=2022-07-26
SM_V9_3 iris    exon    10304575        10305658        .       -
        .       Parent=Smp_167550.1;Name=4237fb67-a52c-4076-ac88-
e5235eb1e296
SM_V9_3 iris    exon    10307878        10307960        .       -
        .       Parent=Smp_167550.1;Name=42f8f6de-
fe03-4215-9174-99943b90ff5c
SM_V9_3 iris    exon    10308638        10308715        .       -
        .       Parent=Smp_167550.1;Name=8dd622a5-31ab-4a80-
ad58-99a9b3a996d4
SM_V9_3 iris    exon    10312045        10312148        .       -
        .
Parent=Smp_167550.1;Name=2c839992-315f-4349-88a7-907b3b7eb721
SM_V9_3 iris    exon    10314345        10314448        .       -
        .
Parent=Smp_167550.1;Name=7c63b3d6-2da7-4bc7-92bf-206efee05d77
SM_V9_3 iris    exon    10317131        10317261        .       -
        .       Parent=Smp_167550.1;Name=17df7c46-41ff-4b92-
bcf9-9f373cc6ab28
SM_V9_3 iris    exon    10323953        10324067        .       -
        .       Parent=Smp_167550.1;Name=27b1de10-0b90-41f7-
b547-9ee7e19874c6
SM_V9_3 iris    exon    10327425        10327550        .       -
        .
Parent=Smp_167550.1;Name=958cd7d3-1caf-4f0b-96d9-44217fcd9aac
SM_V9_3 iris    exon    10331942        10332023        .       -
        .       Parent=Smp_167550.1;Name=1a74557e-8c24-4a31-833b-
e6e19bb2aac8
SM_V9_3 iris    exon    10339358        10339500        .       -
        .
Parent=Smp_167550.1;Name=dbfcc375-7aff-40c6-922d-665f36294ae5
SM_V9_3 iris    exon    10340018        10340305        .       -
        .       Parent=Smp_167550.1;Name=53dfa00d-adf6-4990-84f6-
d03ed3dcc7dc
SM_V9_3 iris    exon    10340344        10340704        .       -
        .
Parent=Smp_167550.1;Name=eaa540c3-38cc-43e8-8bd2-6526b8869559
SM_V9_3 iris    CDS     10305314        10305658        .       -
        0       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10307878        10307960        .       -
        2       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10308638        10308715        .       -
        2       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10312045        10312148        .       -
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        1       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10314345        10314448        .       -
        0       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10317131        10317261        .       -
        2       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10323953        10324067        .       -
        0       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10327425        10327550        .       -
        0       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10331942        10332023        .       -
        1       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10339358        10339500        .       -
        0       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10340018        10340305        .       -
        0       Parent=Smp_167550.1
SM_V9_3 iris    CDS     10340344        10340349        .       -
        0       Parent=Smp_167550.1
SM_V9_3 Liftoff gene    10428496        10428774        .       +
        .       ID=Smp_112480;geneID=Smp_112480
SM_V9_3 Liftoff mRNA    10428496        10428774        .       +
        .
ID=Smp_112480.1;Parent=Smp_112480;geneID=Smp_112480;product=Uncharac
terized protein U95;polypeptide_domain=InterPro:IPR005312
Pfam:PF03564
SM_V9_3 Liftoff exon    10428496        10428774        .       +
        .       Parent=Smp_112480.1
SM_V9_3 Liftoff CDS     10428496        10428774        .       +
        0       Parent=Smp_112480.1
SM_V9_3 Liftoff gene    10757536        10758603        .       +
        .       ID=Smp_205410;geneID=Smp_205410
SM_V9_3 Liftoff mRNA    10757536        10758603        .       +
        .
ID=Smp_205410.1;Parent=Smp_205410;geneID=Smp_205410;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    10757536        10758298        .       +
        .       Parent=Smp_205410.1
SM_V9_3 Liftoff exon    10758394        10758603        .       +
        .       Parent=Smp_205410.1
SM_V9_3 Liftoff CDS     10757558        10758298        .       +
        0       Parent=Smp_205410.1
SM_V9_3 Liftoff CDS     10758394        10758582        .       +
        0       Parent=Smp_205410.1
SM_V9_3 Liftoff gene    11338302        11347034        .       -
        .
ID=Smp_347240;geneID=Smp_347240;previous_systematic_id=Smp_204810
SM_V9_3 Liftoff mRNA    11338302        11347034        .       -
        .
ID=Smp_347240.1;Parent=Smp_347240;geneID=Smp_347240;product=C3 and
PZP-like alpha-2-macroglobulin domain-containing protein 8
SM_V9_3 Liftoff exon    11338302        11338835        .       -
        .       Parent=Smp_347240.1
SM_V9_3 Liftoff exon    11339857        11339904        .       -
        .       Parent=Smp_347240.1
SM_V9_3 Liftoff exon    11341300        11341521        .       -
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        .       Parent=Smp_347240.1
SM_V9_3 Liftoff exon    11342248        11342338        .       -
        .       Parent=Smp_347240.1
SM_V9_3 Liftoff exon    11344630        11344683        .       -
        .       Parent=Smp_347240.1
SM_V9_3 Liftoff exon    11344729        11344793        .       -
        .       Parent=Smp_347240.1
SM_V9_3 Liftoff exon    11344836        11347034        .       -
        .       Parent=Smp_347240.1
SM_V9_3 Liftoff CDS     11338665        11338835        .       -
        0       Parent=Smp_347240.1
SM_V9_3 Liftoff CDS     11339857        11339904        .       -
        0       Parent=Smp_347240.1
SM_V9_3 Liftoff CDS     11341300        11341521        .       -
        0       Parent=Smp_347240.1
SM_V9_3 Liftoff CDS     11342248        11342338        .       -
        1       Parent=Smp_347240.1
SM_V9_3 Liftoff CDS     11344630        11344683        .       -
        1       Parent=Smp_347240.1
SM_V9_3 Liftoff CDS     11344729        11344793        .       -
        0       Parent=Smp_347240.1
SM_V9_3 Liftoff CDS     11344836        11344901        .       -
        0       Parent=Smp_347240.1
SM_V9_3 Liftoff mRNA    11338302        11347034        .       -
        .
ID=Smp_347240.2;Parent=Smp_347240;geneID=Smp_347240;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    11338302        11338835        .       -
        .       Parent=Smp_347240.2
SM_V9_3 Liftoff exon    11339893        11339904        .       -
        .       Parent=Smp_347240.2
SM_V9_3 Liftoff exon    11341300        11341521        .       -
        .       Parent=Smp_347240.2
SM_V9_3 Liftoff exon    11342248        11342338        .       -
        .       Parent=Smp_347240.2
SM_V9_3 Liftoff exon    11344630        11344683        .       -
        .       Parent=Smp_347240.2
SM_V9_3 Liftoff exon    11344729        11344793        .       -
        .       Parent=Smp_347240.2
SM_V9_3 Liftoff exon    11344836        11347034        .       -
        .       Parent=Smp_347240.2
SM_V9_3 Liftoff CDS     11338665        11338835        .       -
        0       Parent=Smp_347240.2
SM_V9_3 Liftoff CDS     11339893        11339904        .       -
        0       Parent=Smp_347240.2
SM_V9_3 Liftoff CDS     11341300        11341521        .       -
        0       Parent=Smp_347240.2
SM_V9_3 Liftoff CDS     11342248        11342338        .       -
        1       Parent=Smp_347240.2
SM_V9_3 Liftoff CDS     11344630        11344683        .       -
        1       Parent=Smp_347240.2
SM_V9_3 Liftoff CDS     11344729        11344793        .       -
        0       Parent=Smp_347240.2
SM_V9_3 Liftoff CDS     11344836        11344901        .       -
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        0       Parent=Smp_347240.2
SM_V9_3 iris    gene    11348742        11354005        .       -
        .
ID=Smp_102780;geneID=Smp_102780;gene_name=Smp_102780;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    11348742        11354005        .       -
        .
ID=Smp_102780.1;Parent=Smp_102780;geneID=Smp_102780;gene_name=Smp_10
2780;owner=irisadmin@local.host;orig_id=Smp_102780.1;date_last_modif
ied=2022-08-23;Name=Smp_102780.1;product=Protein lifeguard
3;date_creation=2022-08-23
SM_V9_3 iris    exon    11348742        11349137        .       -
        .       Parent=Smp_102780.1;Name=8b9fe423-9005-406d-
aed9-535cf7718928
SM_V9_3 iris    exon    11349719        11349763        .       -
        .       Parent=Smp_102780.1;Name=b482d166-ab54-4cc7-b46d-
b36f24cb7e5e
SM_V9_3 iris    exon    11350837        11351064        .       -
        .       Parent=Smp_102780.1;Name=d1138c13-4b8d-4e5a-
a1c8-03bda39bd70a
SM_V9_3 iris    exon    11351931        11352021        .       -
        .       Parent=Smp_102780.1;Name=a15672b4-
cd9c-4d45-87e3-88e2b4f77db7
SM_V9_3 iris    exon    11352524        11352577        .       -
        .       Parent=Smp_102780.1;Name=ff464c50-5bbb-4c33-9e87-
c38760161155
SM_V9_3 iris    exon    11352624        11352688        .       -
        .       Parent=Smp_102780.1;Name=2a2cc2e0-4ffa-48f0-
b0eb-7979ff8116a8
SM_V9_3 iris    exon    11352726        11352835        .       -
        .       Parent=Smp_102780.1;Name=c5aaae20-c056-464d-82c9-
a6c37ab49596
SM_V9_3 iris    exon    11353923        11354005        .       -
        .       Parent=Smp_102780.1;Name=85f805d6-af2b-49b2-ac91-
d43940d946fc
SM_V9_3 iris    CDS     11348985        11349137        .       -
        0       Parent=Smp_102780.1
SM_V9_3 iris    CDS     11349719        11349763        .       -
        0       Parent=Smp_102780.1
SM_V9_3 iris    CDS     11350837        11351064        .       -
        0       Parent=Smp_102780.1
SM_V9_3 iris    CDS     11351931        11352021        .       -
        1       Parent=Smp_102780.1
SM_V9_3 iris    CDS     11352524        11352577        .       -
        1       Parent=Smp_102780.1
SM_V9_3 iris    CDS     11352624        11352688        .       -
        0       Parent=Smp_102780.1
SM_V9_3 iris    CDS     11352726        11352835        .       -
        2       Parent=Smp_102780.1
SM_V9_3 iris    CDS     11353923        11353947        .       -
        0       Parent=Smp_102780.1
SM_V9_3 Liftoff gene    11354229        11361150        .       +
        .
ID=Smp_331890;geneID=Smp_331890;previous_systematic_id=Smp_179410
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SM_V9_3 Liftoff mRNA    11354229        11361150        .       +
       .
ID=Smp_331890.1;Parent=Smp_331890;geneID=Smp_331890;product=Probable
serine/threonine-protein kinase
fhkD;polypeptide_domain=InterPro:IPR000719,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_3 Liftoff exon    11354229        11361150        .       +
       .       Parent=Smp_331890.1
SM_V9_3 Liftoff CDS     11359457        11360593        .       +
       0       Parent=Smp_331890.1
SM_V9_3 Liftoff gene    11365148        11397652        .       +
       .
ID=Smp_331900;geneID=Smp_331900;previous_systematic_id=Smp_159650
SM_V9_3 Liftoff mRNA    11365148        11397652        .       +
       .
ID=Smp_331900.1;Parent=Smp_331900;geneID=Smp_331900;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    11365148        11365195        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff exon    11366734        11366843        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff exon    11366881        11366945        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff exon    11366992        11367042        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff exon    11367938        11368028        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff exon    11381048        11381275        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff exon    11382463        11382507        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff exon    11383451        11397652        .       +
       .       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11365171        11365195        .       +
       0       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11366734        11366843        .       +
       2       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11366881        11366945        .       +
       0       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11366992        11367042        .       +
       1       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11367938        11368028        .       +
       1       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11381048        11381275        .       +
       0       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11382463        11382507        .       +
       0       Parent=Smp_331900.1
SM_V9_3 Liftoff CDS     11383451        11383603        .       +
       0       Parent=Smp_331900.1
SM_V9_3 Liftoff mRNA    11365148        11397652        .       +
       .
ID=Smp_331900.2;Parent=Smp_331900;geneID=Smp_331900;product=Genome
polyprotein
SM_V9_3 Liftoff exon    11365148        11365195        .       +
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        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11366734        11366843        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11366881        11366945        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11366992        11367042        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11367938        11368028        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11368842        11369069        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11370257        11370301        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11371245        11371367        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11381048        11381275        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11382463        11382507        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff exon    11383451        11397652        .       +
        .       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11365171        11365195        .       +
        0       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11366734        11366843        .       +
        2       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11366881        11366945        .       +
        0       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11366992        11367042        .       +
        1       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11367938        11368028        .       +
        1       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11368842        11369069        .       +
        0       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11370257        11370301        .       +
        0       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11371245        11371367        .       +
        0       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11381048        11381275        .       +
        0       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11382463        11382507        .       +
        0       Parent=Smp_331900.2
SM_V9_3 Liftoff CDS     11383451        11383603        .       +
        0       Parent=Smp_331900.2
SM_V9_3 iris    gene    11413333        11423364        .       +
        .
ID=Smp_069130;geneID=Smp_069130;gene_name=Smp_069130;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    11413333        11423364        .       +
        .
ID=Smp_069130.1;Parent=Smp_069130;geneID=Smp_069130;gene_name=Smp_06
9130;owner=irisadmin@local.host;orig_id=Smp_069130.1;date_last_modif
ied=2022-07-26;Name=Smp_069130.1;product=Heat shock 70 kDa protein
4L;date_creation=2022-07-26
SM_V9_3 iris    exon    11413333        11413534        .       +
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        .       Parent=Smp_069130.1;Name=7d9ba7b5-c15b-4be6-b024-
e766f972cef1
SM_V9_3 iris    exon    11413565        11413763        .       +
        .       Parent=Smp_069130.1;Name=2a062f24-5175-43d9-
a32d-805d050ead94
SM_V9_3 iris    exon    11413800        11414022        .       +
        .       Parent=Smp_069130.1;Name=555e4aee-cb2e-4dfb-a089-
b673779c6dda
SM_V9_3 iris    exon    11414055        11414290        .       +
        .       Parent=Smp_069130.1;Name=d10dfaa5-3a07-49cb-
b3b7-5c8907443642
SM_V9_3 iris    exon    11414324        11414695        .       +
        .
Parent=Smp_069130.1;Name=dbbe3c38-5455-410a-9235-6f7b19dcd957
SM_V9_3 iris    exon    11415923        11416609        .       +
        .
Parent=Smp_069130.1;Name=7ed18604-3380-4bb9-9553-748819d6e47e
SM_V9_3 iris    exon    11417775        11418092        .       +
        .       Parent=Smp_069130.1;Name=5cedbe0a-b427-447b-
b64a-84604281cd6c
SM_V9_3 iris    exon    11419898        11420095        .       +
        .       Parent=Smp_069130.1;Name=c23b88b1-5ca2-4304-
b987-2fa3084927db
SM_V9_3 iris    exon    11423073        11423364        .       +
        .
Parent=Smp_069130.1;Name=004ae336-323f-489d-80d8-0ad26025a329
SM_V9_3 iris    CDS     11413422        11413534        .       +
        0       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11413565        11413763        .       +
        1       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11413800        11414022        .       +
        0       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11414055        11414290        .       +
        2       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11414324        11414695        .       +
        0       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11415923        11416609        .       +
        0       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11417775        11418092        .       +
        0       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11419898        11420095        .       +
        0       Parent=Smp_069130.1
SM_V9_3 iris    CDS     11423073        11423270        .       +
        0       Parent=Smp_069130.1
SM_V9_3 Liftoff gene    11457418        11459797        .       +
        .
ID=Smp_335820;geneID=Smp_335820;previous_systematic_id=Smp_159640
SM_V9_3 Liftoff mRNA    11457418        11459797        .       +
        .
ID=Smp_335820.1;Parent=Smp_335820;geneID=Smp_335820;product=Synaptot
agmin 2;polypeptide_domain=InterPro:IPR000008 Pfam:PF00168
SM_V9_3 Liftoff exon    11457418        11459797        .       +
        .       Parent=Smp_335820.1
SM_V9_3 Liftoff CDS     11457585        11458931        .       +
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        0       Parent=Smp_335820.1
SM_V9_3 Liftoff gene    11478735        11480654        .       +
        .       ID=Smp_069120;geneID=Smp_069120
SM_V9_3 Liftoff mRNA    11478735        11480654        .       +
        .
ID=Smp_069120.1;Parent=Smp_069120;geneID=Smp_069120;product=Synaptot
agmin-2;polypeptide_domain=InterPro:IPR000008 Pfam:PF00168
SM_V9_3 Liftoff exon    11478735        11480654        .       +
        .       Parent=Smp_069120.1
SM_V9_3 Liftoff CDS     11479137        11480351        .       +
        0       Parent=Smp_069120.1
SM_V9_3 iris    gene    11531146        11541331        .       -
        .
ID=Smp_159630;geneID=Smp_159630;gene_name=Smp_159630;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    11531146        11541331        .       -
        .
ID=Smp_159630.1;Parent=Smp_159630;geneID=Smp_159630;gene_name=Smp_15
9630;owner=irisadmin@local.host;orig_id=Smp_159630.1;date_last_modif
ied=2022-07-26;Name=Smp_159630.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    11531146        11532014        .       -
        .       Parent=Smp_159630.1;Name=d8fe93a5-26f9-4521-b7f0-
bae1f024521c
SM_V9_3 iris    exon    11533277        11534400        .       -
        .       Parent=Smp_159630.1;Name=e7abdb32-b746-4edc-aa76-
e611a48620b7
SM_V9_3 iris    exon    11535776        11536009        .       -
        .       Parent=Smp_159630.1;Name=0b829764-3677-43c6-b85d-
dfbd43a32b5c
SM_V9_3 iris    exon    11538400        11539003        .       -
        .       Parent=Smp_159630.1;Name=3a93bb5c-e88e-4e78-
bd3e-7a59f8e1b40c
SM_V9_3 iris    exon    11541209        11541331        .       -
        .
Parent=Smp_159630.1;Name=2bb5f063-058a-49bc-9b0b-60d948eb9fcd
SM_V9_3 iris    CDS     11531493        11532014        .       -
        0       Parent=Smp_159630.1
SM_V9_3 iris    CDS     11533277        11534400        .       -
        2       Parent=Smp_159630.1
SM_V9_3 iris    CDS     11535776        11536009        .       -
        2       Parent=Smp_159630.1
SM_V9_3 iris    CDS     11538400        11539003        .       -
        0       Parent=Smp_159630.1
SM_V9_3 iris    CDS     11541209        11541232        .       -
        0       Parent=Smp_159630.1
SM_V9_3 Liftoff gene    11710974        11713201        .       -
        .       ID=Smp_080610;geneID=Smp_080610
SM_V9_3 Liftoff mRNA    11710974        11713201        .       -
        .
ID=Smp_080610.1;Parent=Smp_080610;geneID=Smp_080610;product=NADH
dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11,
mitochondrial;polypeptide_domain=InterPro:IPR019329 Pfam:PF10183
SM_V9_3 Liftoff exon    11710974        11711231        .       -
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        .       Parent=Smp_080610.1
SM_V9_3 Liftoff exon    11712764        11712897        .       -
        .       Parent=Smp_080610.1
SM_V9_3 Liftoff exon    11712939        11713201        .       -
        .       Parent=Smp_080610.1
SM_V9_3 Liftoff CDS     11711078        11711231        .       -
        1       Parent=Smp_080610.1
SM_V9_3 Liftoff CDS     11712764        11712897        .       -
        0       Parent=Smp_080610.1
SM_V9_3 Liftoff CDS     11712939        11713151        .       -
        0       Parent=Smp_080610.1
SM_V9_3 iris    gene    11726198        11732219        .       +
        .
ID=Smp_080620;geneID=Smp_080620;gene_name=Smp_080620;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    11726198        11732219        .       +
        .
ID=Smp_080620.1;Parent=Smp_080620;geneID=Smp_080620;gene_name=Smp_08
0620;owner=irisadmin@local.host;orig_id=Smp_080620.1;date_last_modif
ied=2022-07-26;Name=Smp_080620.1;product=Protein asteroid homolog
1;date_creation=2022-07-26
SM_V9_3 iris    exon    11726198        11726240        .       +
        .
Parent=Smp_080620.1;Name=58d497e9-46f7-4ca5-8067-429b47773976
SM_V9_3 iris    exon    11727471        11727796        .       +
        .
Parent=Smp_080620.1;Name=468d1c4e-4e5b-4dd9-933f-01e6354fb2c8
SM_V9_3 iris    exon    11729822        11732219        .       +
        .       Parent=Smp_080620.1;Name=46c74a8e-33d5-4ed2-aeb4-
cd0776f30d7d
SM_V9_3 iris    CDS     11727545        11727796        .       +
        0       Parent=Smp_080620.1
SM_V9_3 iris    CDS     11729822        11732050        .       +
        0       Parent=Smp_080620.1
SM_V9_3 Liftoff gene    11736498        11741198        .       +
        .       ID=Smp_165610;geneID=Smp_165610
SM_V9_3 Liftoff mRNA    11736498        11741198        .       +
        .
ID=Smp_165610.1;Parent=Smp_165610;geneID=Smp_165610;product=Uncharac
terized F-box protein C05B5.5
SM_V9_3 Liftoff exon    11736498        11741198        .       +
        .       Parent=Smp_165610.1
SM_V9_3 Liftoff CDS     11739540        11740787        .       +
        0       Parent=Smp_165610.1
SM_V9_3 Liftoff gene    11752877        11870194        .       -
        .
ID=Smp_345620;geneID=Smp_345620;previous_systematic_id=Smp_165620
SM_V9_3 Liftoff mRNA    11752877        11870194        .       -
        .
ID=Smp_345620.1;Parent=Smp_345620;geneID=Smp_345620;product=Cytoplas
mic dynein 2 heavy chain
1;polypeptide_domain=InterPro:IPR004273,IPR011704,IPR013594,IPR01360
2,IPR024317,IPR024743,IPR027417,IPR035699,IPR035706
Pfam:PF03028,PF07728,PF08385,PF08393,PF12774,PF12775,PF12777,PF12780
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,PF12781;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:0016887,G
O:0030286
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. Parent=Smp_345620.1
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. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11758596 11758931 . -
. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11761019 11761261 . -
. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11769672 11769953 . -
. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11772907 11773062 . -
. Parent=Smp_345620.1
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. Parent=Smp_345620.1
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. Parent=Smp_345620.1
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. Parent=Smp_345620.1
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. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11807572 11807873 . -
. Parent=Smp_345620.1
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. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11810554 11810756 . -
. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11812786 11813050 . -
. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11815788 11816160 . -
. Parent=Smp_345620.1
SM_V9_3 Liftoff exon 11817596 11817876 . -
. Parent=Smp_345620.1

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        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11826928        11827248        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11828401        11828730        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11831314        11831425        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11835090        11835245        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11837445        11837644        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11840869        11841119        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11846923        11847112        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11848611        11848952        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11851413        11851691        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11853131        11853394        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11855558        11855872        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11856977        11857198        .       -
        .       Parent=Smp_345620.1
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        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11862935        11863241        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11864615        11864776        .       -
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SM_V9_3 Liftoff exon    11867056        11867534        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11869643        11869754        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11869785        11869955        .       -
        .       Parent=Smp_345620.1
SM_V9_3 Liftoff exon    11869989        11870194        .       -
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SM_V9_3 Liftoff CDS     11753161        11753322        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11756486        11756830        .       -
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        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11761019        11761261        .       -
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SM_V9_3 Liftoff CDS     11774655        11775184        .       -
        2       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11777986        11778199        .       -
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SM_V9_3 Liftoff CDS     11779801        11779908        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11781739        11781897        .       -
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SM_V9_3 Liftoff CDS     11784483        11784626        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11787569        11787703        .       -
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SM_V9_3 Liftoff CDS     11788910        11789205        .       -
        2       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11791080        11791203        .       -
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SM_V9_3 Liftoff CDS     11791634        11791732        .       -
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SM_V9_3 Liftoff CDS     11793795        11794103        .       -
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SM_V9_3 Liftoff CDS     11796789        11797124        .       -
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SM_V9_3 Liftoff CDS     11804588        11804852        .       -
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SM_V9_3 Liftoff CDS     11807572        11807873        .       -
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SM_V9_3 Liftoff CDS     11809126        11809338        .       -
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SM_V9_3 Liftoff CDS     11810554        11810756        .       -
        2       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11812786        11813050        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11815788        11816160        .       -
        1       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11817596        11817876        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11818703        11818852        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11820001        11820519        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11824668        11825219        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11826928        11827248        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11828401        11828730        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11831314        11831425        .       -
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SM_V9_3 Liftoff CDS     11835090        11835245        .       -
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SM_V9_3 Liftoff CDS     11837445        11837644        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11840869        11841119        .       -
        2       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11846923        11847112        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11848611        11848952        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11851413        11851691        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11853131        11853394        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11855558        11855872        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11856977        11857198        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11859366        11859520        .       -
        2       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11862935        11863241        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11864615        11864776        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11867056        11867534        .       -
        2       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11869643        11869754        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11869785        11869955        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff CDS     11869989        11870165        .       -
        0       Parent=Smp_345620.1
SM_V9_3 Liftoff gene    11882328        11895532        .       +
        .       ID=Smp_165630;geneID=Smp_165630
SM_V9_3 Liftoff mRNA    11882328        11895532        .       +
        .
ID=Smp_165630.1;Parent=Smp_165630;geneID=Smp_165630;product=KAT8
regulatory NSL complex subunit 1
SM_V9_3 Liftoff exon    11882328        11889901        .       +
        .       Parent=Smp_165630.1
SM_V9_3 Liftoff exon    11889941        11890224        .       +
        .       Parent=Smp_165630.1
SM_V9_3 Liftoff exon    11890259        11890456        .       +
        .       Parent=Smp_165630.1
SM_V9_3 Liftoff exon    11892511        11892845        .       +
        .       Parent=Smp_165630.1
SM_V9_3 Liftoff exon    11894511        11895532        .       +
        .       Parent=Smp_165630.1
SM_V9_3 Liftoff CDS     11889270        11889901        .       +
        0       Parent=Smp_165630.1
SM_V9_3 Liftoff CDS     11889941        11890224        .       +
        1       Parent=Smp_165630.1
SM_V9_3 Liftoff CDS     11890259        11890456        .       +
        2       Parent=Smp_165630.1
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SM_V9_3 Liftoff CDS     11892511        11892845        .       +
        2       Parent=Smp_165630.1
SM_V9_3 Liftoff CDS     11894511        11894555        .       +
        0       Parent=Smp_165630.1
SM_V9_3 Liftoff gene    11933530        11955634        .       -
        .
ID=Smp_341350;geneID=Smp_341350;previous_systematic_id=Smp_080650
SM_V9_3 Liftoff mRNA    11933530        11955634        .       -
        .
ID=Smp_341350.1;Parent=Smp_341350;geneID=Smp_341350;product=Hypothet
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protein;polypeptide_domain=InterPro:IPR000595,IPR014710,IPR018488,IP
R018490
SM_V9_3 Liftoff exon    11933530        11934456        .       -
        .       Parent=Smp_341350.1
SM_V9_3 Liftoff exon    11938250        11938380        .       -
        .       Parent=Smp_341350.1
SM_V9_3 Liftoff exon    11941643        11942069        .       -
        .       Parent=Smp_341350.1
SM_V9_3 Liftoff exon    11947517        11947692        .       -
        .       Parent=Smp_341350.1
SM_V9_3 Liftoff exon    11949927        11950014        .       -
        .       Parent=Smp_341350.1
SM_V9_3 Liftoff exon    11953727        11955634        .       -
        .       Parent=Smp_341350.1
SM_V9_3 Liftoff CDS     11933552        11934456        .       -
        2       Parent=Smp_341350.1
SM_V9_3 Liftoff CDS     11938250        11938380        .       -
        1       Parent=Smp_341350.1
SM_V9_3 Liftoff CDS     11941643        11942069        .       -
        2       Parent=Smp_341350.1
SM_V9_3 Liftoff CDS     11947517        11947692        .       -
        1       Parent=Smp_341350.1
SM_V9_3 Liftoff CDS     11949927        11950014        .       -
        2       Parent=Smp_341350.1
SM_V9_3 Liftoff CDS     11953727        11953859        .       -
        0       Parent=Smp_341350.1
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SM_V9_3 iris    mRNA    11959347        11968444        .       -
        .
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7950;owner=irisadmin@local.host;orig_id=Smp_307950.2;date_last_modif
ied=2022-07-26;Name=Smp_307950.1;product=Persulfide dioxygenase
ETHE1, mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    11959347        11959882        .       -
        .
Parent=Smp_307950.1;Name=d67f0647-052b-4251-9bd8-26671466490b
SM_V9_3 iris    exon    11963521        11963761        .       -
        .
Parent=Smp_307950.1;Name=b2a3b0eb-324f-4c4e-8eb5-97111cdeefb9
SM_V9_3 iris    exon    11964029        11964233        .       -
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        .       Parent=Smp_307950.1;Name=5a307ee1-
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        .       Parent=Smp_307950.1;Name=7846eb5b-de7a-442c-
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SM_V9_3 iris    exon    11968394        11968444        .       -
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SM_V9_3 iris    CDS     11959765        11959882        .       -
        1       Parent=Smp_307950.1
SM_V9_3 iris    CDS     11963521        11963761        .       -
        2       Parent=Smp_307950.1
SM_V9_3 iris    CDS     11964029        11964233        .       -
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SM_V9_3 iris    CDS     11966283        11966447        .       -
        0       Parent=Smp_307950.1
SM_V9_3 iris    gene    11974218        12046708        .       +
        .
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SM_V9_3 iris    mRNA    11974218        12046708        .       +
        .
ID=Smp_307960.1;Parent=Smp_307960;geneID=Smp_307960;gene_name=Smp_30
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ied=2022-07-26;Name=Smp_307960.1;product=MAP kinase-activating death
domain protein;date_creation=2022-07-26
SM_V9_3 iris    exon    11974218        11974490        .       +
        .       Parent=Smp_307960.1;Name=85535e19-dac0-4955-a2d6-
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SM_V9_3 iris    exon    11974522        11974623        .       +
        .       Parent=Smp_307960.1;Name=1bde4972-
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SM_V9_3 iris    exon    11976671        11976897        .       +
        .       Parent=Smp_307960.1;Name=15b50482-800d-452c-
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SM_V9_3 iris    exon    11977837        11977993        .       +
        .
Parent=Smp_307960.1;Name=0cd3c00c-259c-4f16-84ba-2e886c014007
SM_V9_3 iris    exon    11983564        11983722        .       +
        .       Parent=Smp_307960.1;Name=df9620f9-912a-4ffe-b59b-
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SM_V9_3 iris    exon    11985499        11985630        .       +
        .       Parent=Smp_307960.1;Name=f5303986-797a-47a7-ba37-
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SM_V9_3 iris    exon    11986849        11986962        .       +
        .       Parent=Smp_307960.1;Name=325b3958-3ffb-49b8-
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SM_V9_3 iris    exon    11992839        11992919        .       +
        .       Parent=Smp_307960.1;Name=dc3a56aa-
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SM_V9_3 iris    exon    11993853        11993972        .       +
        .       Parent=Smp_307960.1;Name=0eaa4b6e-4d3e-4f99-
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SM_V9_3 iris    exon    11996239        11996397        .       +
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SM_V9_3 iris    exon    11998170        11998380        .       +
        .       Parent=Smp_307960.1;Name=27b44661-91d6-4e5e-
b85c-995449b79ce0
SM_V9_3 iris    exon    12000076        12000431        .       +
        .       Parent=Smp_307960.1;Name=546072eb-586e-427f-
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SM_V9_3 iris    exon    12002204        12002263        .       +
        .       Parent=Smp_307960.1;Name=5bc380bb-c63e-4e5d-9a3b-
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SM_V9_3 iris    exon    12010153        12010187        .       +
        .       Parent=Smp_307960.1;Name=5dc025cf-5002-4367-
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SM_V9_3 iris    exon    12012336        12012409        .       +
        .
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SM_V9_3 iris    exon    12014855        12015187        .       +
        .       Parent=Smp_307960.1;Name=769eb311-
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SM_V9_3 iris    exon    12017385        12017709        .       +
        .       Parent=Smp_307960.1;Name=eb8ed927-0136-4f20-8b3a-
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SM_V9_3 iris    exon    12018939        12019134        .       +
        .       Parent=Smp_307960.1;Name=de3e1140-754a-4645-85f9-
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SM_V9_3 iris    exon    12019677        12019868        .       +
        .       Parent=Smp_307960.1;Name=9677cc2d-806b-4775-8448-
bf1373d6f49f
SM_V9_3 iris    exon    12020739        12020790        .       +
        .       Parent=Smp_307960.1;Name=c678e2a1-9140-4f24-b155-
a86d82ccfcfd
SM_V9_3 iris    exon    12021952        12022014        .       +
        .       Parent=Smp_307960.1;Name=ae4861c4-df80-4670-a443-
e108f6cffb06
SM_V9_3 iris    exon    12026778        12026907        .       +
        .       Parent=Smp_307960.1;Name=bb561139-065e-4cc6-
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SM_V9_3 iris    exon    12028462        12028468        .       +
        .       Parent=Smp_307960.1;Name=f9bea04b-d3a2-48da-baf4-
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SM_V9_3 iris    exon    12028737        12028818        .       +
        .       Parent=Smp_307960.1;Name=5ef3497e-6d5c-45bc-87a1-
a4a92dfe6bb3
SM_V9_3 iris    exon    12032147        12032428        .       +
        .
Parent=Smp_307960.1;Name=eaf3a00e-1364-40e3-9508-73e26dffed5e
SM_V9_3 iris    exon    12033730        12033980        .       +
        .
Parent=Smp_307960.1;Name=3be0c3bd-43cb-4599-9bfa-1ee92b544ccc
SM_V9_3 iris    exon    12035880        12035987        .       +
        .       Parent=Smp_307960.1;Name=627d4f34-a1df-4fe6-a875-
c50a14aa0217
SM_V9_3 iris    exon    12038423        12038593        .       +
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        .       Parent=Smp_307960.1;Name=8e67b2cd-3a9e-441d-
be3b-49749d4c02f7
SM_V9_3 iris    exon    12046002        12046708        .       +
        .       Parent=Smp_307960.1;Name=04e1dbf5-70c9-4abe-
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SM_V9_3 iris    CDS     11974263        11974490        .       +
        0       Parent=Smp_307960.1
SM_V9_3 iris    CDS     11974522        11974623        .       +
        0       Parent=Smp_307960.1
SM_V9_3 iris    CDS     11976671        11976897        .       +
        0       Parent=Smp_307960.1
SM_V9_3 iris    CDS     11977837        11977993        .       +
        1       Parent=Smp_307960.1
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        0       Parent=Smp_307960.1
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SM_V9_3 iris    CDS     11986849        11986962        .       +
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SM_V9_3 iris    CDS     12002204        12002263        .       +
        0       Parent=Smp_307960.1
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        0       Parent=Smp_307960.1
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        1       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12014855        12015187        .       +
        2       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12017385        12017709        .       +
        2       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12018939        12019134        .       +
        1       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12019677        12019868        .       +
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SM_V9_3 iris    CDS     12020739        12020790        .       +
        0       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12021952        12022014        .       +
        2       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12026778        12026907        .       +
        2       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12028462        12028468        .       +
        1       Parent=Smp_307960.1
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SM_V9_3 iris    CDS     12028737        12028818        .       +
        0       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12032147        12032428        .       +
        2       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12033730        12033980        .       +
        2       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12035880        12035987        .       +
        0       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12038423        12038593        .       +
        0       Parent=Smp_307960.1
SM_V9_3 iris    CDS     12041707        12041775        .       +
        0       Parent=Smp_307960.1
SM_V9_3 Liftoff gene    12059551        12066541        .       -
        .       ID=Smp_121930;geneID=Smp_121930
SM_V9_3 Liftoff mRNA    12059551        12066541        .       -
        .
ID=Smp_121930.1;Parent=Smp_121930;geneID=Smp_121930;product=Melatoni
n receptor type 1B
SM_V9_3 Liftoff exon    12059551        12059860        .       -
        .       Parent=Smp_121930.1
SM_V9_3 Liftoff exon    12061196        12061243        .       -
        .       Parent=Smp_121930.1
SM_V9_3 Liftoff exon    12061398        12061628        .       -
        .       Parent=Smp_121930.1
SM_V9_3 Liftoff exon    12062773        12062863        .       -
        .       Parent=Smp_121930.1
SM_V9_3 Liftoff exon    12064689        12064739        .       -
        .       Parent=Smp_121930.1
SM_V9_3 Liftoff exon    12064779        12064843        .       -
        .       Parent=Smp_121930.1
SM_V9_3 Liftoff exon    12064879        12066541        .       -
        .       Parent=Smp_121930.1
SM_V9_3 Liftoff CDS     12059690        12059860        .       -
        0       Parent=Smp_121930.1
SM_V9_3 Liftoff CDS     12061196        12061243        .       -
        0       Parent=Smp_121930.1
SM_V9_3 Liftoff CDS     12061398        12061628        .       -
        0       Parent=Smp_121930.1
SM_V9_3 Liftoff CDS     12062773        12062863        .       -
        1       Parent=Smp_121930.1
SM_V9_3 Liftoff CDS     12064689        12064739        .       -
        1       Parent=Smp_121930.1
SM_V9_3 Liftoff CDS     12064779        12064843        .       -
        0       Parent=Smp_121930.1
SM_V9_3 Liftoff CDS     12064879        12064947        .       -
        0       Parent=Smp_121930.1
SM_V9_3 Liftoff mRNA    12059551        12066541        .       -
        .
ID=Smp_121930.2;Parent=Smp_121930;geneID=Smp_121930;product=Melatoni
n receptor type 1B
SM_V9_3 Liftoff exon    12059551        12059860        .       -
        .       Parent=Smp_121930.2
SM_V9_3 Liftoff exon    12061398        12061628        .       -
        .       Parent=Smp_121930.2
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SM_V9_3 Liftoff exon    12062773        12062863        .       -
        .       Parent=Smp_121930.2
SM_V9_3 Liftoff exon    12064689        12064739        .       -
        .       Parent=Smp_121930.2
SM_V9_3 Liftoff exon    12064779        12064843        .       -
        .       Parent=Smp_121930.2
SM_V9_3 Liftoff exon    12064879        12066541        .       -
        .       Parent=Smp_121930.2
SM_V9_3 Liftoff CDS     12059690        12059860        .       -
        0       Parent=Smp_121930.2
SM_V9_3 Liftoff CDS     12061398        12061628        .       -
        0       Parent=Smp_121930.2
SM_V9_3 Liftoff CDS     12062773        12062863        .       -
        1       Parent=Smp_121930.2
SM_V9_3 Liftoff CDS     12064689        12064739        .       -
        1       Parent=Smp_121930.2
SM_V9_3 Liftoff CDS     12064779        12064843        .       -
        0       Parent=Smp_121930.2
SM_V9_3 Liftoff CDS     12064879        12064947        .       -
        0       Parent=Smp_121930.2
SM_V9_3 Liftoff gene    12080164        12121504        .       -
        .       ID=Smp_121920;geneID=Smp_121920
SM_V9_3 Liftoff mRNA    12080164        12121504        .       -
        .
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vesicular amine
transporter;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_3 Liftoff exon    12080164        12084324        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12086815        12086902        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12088924        12088969        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12092221        12092340        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12094935        12094998        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12096883        12097109        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12099013        12099114        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12100056        12100145        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12102550        12102642        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12104588        12104671        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12106011        12106069        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12108209        12108608        .       -
        .       Parent=Smp_121920.1
SM_V9_3 Liftoff exon    12112086        12121504        .       -
        .       Parent=Smp_121920.1
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SM_V9_3 Liftoff CDS     12084166        12084324        .       -
        0       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12086815        12086902        .       -
        1       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12088924        12088969        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12092221        12092340        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12094935        12094998        .       -
        0       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12096883        12097109        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12099013        12099114        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12100056        12100145        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12102550        12102642        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12104588        12104671        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12106011        12106069        .       -
        1       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12108209        12108608        .       -
        2       Parent=Smp_121920.1
SM_V9_3 Liftoff CDS     12112086        12112239        .       -
        0       Parent=Smp_121920.1
SM_V9_3 Liftoff mRNA    12080164        12121504        .       -
        .
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vesicular amine
transporter;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_3 Liftoff exon    12080164        12080695        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12086815        12086902        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12088924        12088969        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12092221        12092340        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12094935        12094998        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12096883        12097109        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12099013        12099114        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12100056        12100145        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12102550        12102642        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12104588        12104671        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12106011        12106069        .       -
        .       Parent=Smp_121920.2
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SM_V9_3 Liftoff exon    12108209        12108608        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff exon    12112086        12121504        .       -
        .       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12080684        12080695        .       -
        0       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12086815        12086902        .       -
        1       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12088924        12088969        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12092221        12092340        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12094935        12094998        .       -
        0       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12096883        12097109        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12099013        12099114        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12100056        12100145        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12102550        12102642        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12104588        12104671        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12106011        12106069        .       -
        1       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12108209        12108608        .       -
        2       Parent=Smp_121920.2
SM_V9_3 Liftoff CDS     12112086        12112239        .       -
        0       Parent=Smp_121920.2
SM_V9_3 Liftoff gene    12128370        12166794        .       -
        .       ID=Smp_194730;geneID=Smp_194730
SM_V9_3 Liftoff mRNA    12128370        12166794        .       -
        .
ID=Smp_194730.1;Parent=Smp_194730;geneID=Smp_194730;product=Nuclear
pore complex protein
Nup160;polypeptide_domain=InterPro:IPR015943,IPR019775
Pfam:PF11715;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    12128370        12128636        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12129667        12129822        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12130817        12131165        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12131876        12132282        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12132763        12133104        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12134817        12135254        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12137235        12137331        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12139214        12139355        .       -
        .       Parent=Smp_194730.1
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SM_V9_3 Liftoff exon    12140369        12140633        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12142697        12142982        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12144502        12144830        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12146906        12147233        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12149420        12149822        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12151384        12151655        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12153714        12153888        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12155443        12155731        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12161584        12161685        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12162558        12162886        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12164042        12164546        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12165186        12165306        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12165342        12165417        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12166072        12166273        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff exon    12166310        12166794        .       -
        .       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12128556        12128636        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12129667        12129822        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12130817        12131165        .       -
        1       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12131876        12132282        .       -
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SM_V9_3 Liftoff CDS     12132763        12133104        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12134817        12135254        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12137235        12137331        .       -
        1       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12139214        12139355        .       -
        2       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12140369        12140633        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12142697        12142982        .       -
        1       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12144502        12144830        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12146906        12147233        .       -
        1       Parent=Smp_194730.1
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SM_V9_3 Liftoff CDS     12149420        12149822        .       -
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SM_V9_3 Liftoff CDS     12151384        12151655        .       -
        1       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12153714        12153888        .       -
        2       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12155443        12155731        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12161584        12161685        .       -
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SM_V9_3 Liftoff CDS     12162558        12162886        .       -
        2       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12164042        12164546        .       -
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SM_V9_3 Liftoff CDS     12165186        12165306        .       -
        1       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12165342        12165417        .       -
        2       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12166072        12166273        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff CDS     12166310        12166435        .       -
        0       Parent=Smp_194730.1
SM_V9_3 Liftoff gene    12178802        12194015        .       +
        .
ID=Smp_341870;geneID=Smp_341870;previous_systematic_id=Smp_121880
SM_V9_3 Liftoff mRNA    12178802        12194015        .       +
        .
ID=Smp_341870.1;Parent=Smp_341870;geneID=Smp_341870;product=Very-
long-chain (3R)-3-hydroxyacyl-CoA
dehydratase;polypeptide_domain=InterPro:IPR007052,IPR007482,IPR00897
8 Pfam:PF04387
SM_V9_3 Liftoff exon    12178802        12181836        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff exon    12181874        12181990        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff exon    12182976        12183185        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff exon    12184235        12184298        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff exon    12185358        12185599        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff exon    12187951        12188063        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff exon    12190081        12190187        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff exon    12192984        12194015        .       +
        .       Parent=Smp_341870.1
SM_V9_3 Liftoff CDS     12181744        12181836        .       +
        0       Parent=Smp_341870.1
SM_V9_3 Liftoff CDS     12181874        12181990        .       +
        0       Parent=Smp_341870.1
SM_V9_3 Liftoff CDS     12182976        12183185        .       +
        0       Parent=Smp_341870.1
SM_V9_3 Liftoff CDS     12184235        12184298        .       +
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SM_V9_3 Liftoff CDS     12187951        12188063        .       +
        0       Parent=Smp_341870.1
SM_V9_3 Liftoff CDS     12190081        12190187        .       +
        1       Parent=Smp_341870.1
SM_V9_3 Liftoff CDS     12192984        12193060        .       +
        2       Parent=Smp_341870.1
SM_V9_3 Liftoff gene    12197783        12236229        .       -
        .       ID=Smp_194720;geneID=Smp_194720
SM_V9_3 Liftoff mRNA    12197783        12236229        .       -
        .
ID=Smp_194720.1;Parent=Smp_194720;geneID=Smp_194720;product=alpha
beta hydrolase domain-containing protein;evidence=Inferred from
Sequence Model;polypeptide_domain=InterPro:IPR004142,IPR029058
Pfam:PF03096
SM_V9_3 Liftoff exon    12197783        12198906        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12201166        12201217        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12206229        12206388        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12208373        12208408        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12218769        12218884        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12229543        12229620        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12233205        12233291        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12233404        12233464        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12233526        12233588        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12234428        12234545        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12234592        12234646        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12234687        12234743        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff exon    12236167        12236229        .       -
        .       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12198707        12198906        .       -
        2       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12201166        12201217        .       -
        0       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12206229        12206388        .       -
        1       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12208373        12208408        .       -
        1       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12218769        12218884        .       -
        0       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12229543        12229620        .       -
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SM_V9_3 Liftoff CDS     12233205        12233291        .       -
        0       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12233404        12233464        .       -
        1       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12233526        12233588        .       -
        1       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12234428        12234545        .       -
        2       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12234592        12234646        .       -
        0       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12234687        12234743        .       -
        0       Parent=Smp_194720.1
SM_V9_3 Liftoff CDS     12236167        12236175        .       -
        0       Parent=Smp_194720.1
SM_V9_3 Liftoff gene    12254358        12318318        .       -
        .       ID=Smp_194710;geneID=Smp_194710
SM_V9_3 Liftoff mRNA    12254358        12318318        .       -
        .
ID=Smp_194710.1;Parent=Smp_194710;geneID=Smp_194710;product=Potassiu
m voltage-gated channel subfamily A member
5;polypeptide_domain=InterPro:IPR000210,IPR003131,IPR003968,IPR00397
2,IPR005821,IPR011333,IPR028325
Pfam:PF00520,PF02214;Ontology_term=GO:0005216,GO:0005249,GO:0005515,
GO:0006811,GO:0006813,GO:0008076,GO:0016020,GO:0051260,GO:0055085
SM_V9_3 Liftoff exon    12254358        12259195        .       -
        .       Parent=Smp_194710.1
SM_V9_3 Liftoff exon    12317726        12318318        .       -
        .       Parent=Smp_194710.1
SM_V9_3 Liftoff CDS     12256237        12259195        .       -
        1       Parent=Smp_194710.1
SM_V9_3 Liftoff CDS     12317726        12317805        .       -
        0       Parent=Smp_194710.1
SM_V9_3 Liftoff gene    12392955        12424101        .       +
        .       ID=Smp_194700;geneID=Smp_194700
SM_V9_3 Liftoff mRNA    12392955        12424101        .       +
        .
ID=Smp_194700.1;Parent=Smp_194700;geneID=Smp_194700;product=Cyclic
nucleotide-gated cation channel
alpha-3;polypeptide_domain=InterPro:IPR000595,IPR003938,IPR005821,IP
R014710,IPR018488,IPR018490,IPR032406
Pfam:PF00027,PF00520,PF16526;Ontology_term=GO:0005216,GO:0005249,GO:
0006811,GO:0006813,GO:0016020,GO:0055085
SM_V9_3 Liftoff exon    12392955        12393312        .       +
        .       Parent=Smp_194700.1
SM_V9_3 Liftoff exon    12397813        12397985        .       +
        .       Parent=Smp_194700.1
SM_V9_3 Liftoff exon    12401871        12402082        .       +
        .       Parent=Smp_194700.1
SM_V9_3 Liftoff exon    12404571        12404888        .       +
        .       Parent=Smp_194700.1
SM_V9_3 Liftoff exon    12407616        12407928        .       +
        .       Parent=Smp_194700.1
SM_V9_3 Liftoff exon    12411346        12411529        .       +
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        .       Parent=Smp_194700.1
SM_V9_3 Liftoff exon    12419120        12419336        .       +
        .       Parent=Smp_194700.1
SM_V9_3 Liftoff exon    12422030        12424101        .       +
        .       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12393226        12393312        .       +
        0       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12397813        12397985        .       +
        0       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12401871        12402082        .       +
        1       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12404571        12404888        .       +
        2       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12407616        12407928        .       +
        2       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12411346        12411529        .       +
        1       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12419120        12419336        .       +
        0       Parent=Smp_194700.1
SM_V9_3 Liftoff CDS     12422030        12422673        .       +
        2       Parent=Smp_194700.1
SM_V9_3 Liftoff gene    12427632        12438486        .       +
        .       ID=Smp_121810;geneID=Smp_121810
SM_V9_3 Liftoff mRNA    12427632        12438486        .       +
        .
ID=Smp_121810.1;Parent=Smp_121810;geneID=Smp_121810;product=Protein
SHQ1
homolog;polypeptide_domain=InterPro:IPR007009,IPR007052,IPR008978
Pfam:PF04925
SM_V9_3 Liftoff exon    12427632        12428836        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff exon    12428872        12429199        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff exon    12429801        12429913        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff exon    12432923        12433226        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff exon    12433518        12433647        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff exon    12435392        12435515        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff exon    12436068        12436107        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff exon    12438169        12438486        .       +
        .       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12428691        12428836        .       +
        0       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12428872        12429199        .       +
        1       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12429801        12429913        .       +
        0       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12432923        12433226        .       +
        1       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12433518        12433647        .       +
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        0       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12435392        12435515        .       +
        2       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12436068        12436107        .       +
        1       Parent=Smp_121810.1
SM_V9_3 Liftoff CDS     12438169        12438327        .       +
        0       Parent=Smp_121810.1
SM_V9_3 Liftoff gene    12443962        12468396        .       +
        .
ID=Smp_346880;geneID=Smp_346880;previous_systematic_id=Smp_194690
SM_V9_3 Liftoff mRNA    12443962        12468396        .       +
        .
ID=Smp_346880.1;Parent=Smp_346880;geneID=Smp_346880;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001841,IPR013083
SM_V9_3 Liftoff exon    12443962        12446717        .       +
        .       Parent=Smp_346880.1
SM_V9_3 Liftoff exon    12463600        12463747        .       +
        .       Parent=Smp_346880.1
SM_V9_3 Liftoff exon    12466083        12468396        .       +
        .       Parent=Smp_346880.1
SM_V9_3 Liftoff CDS     12446134        12446717        .       +
        0       Parent=Smp_346880.1
SM_V9_3 Liftoff CDS     12463600        12463747        .       +
        1       Parent=Smp_346880.1
SM_V9_3 Liftoff CDS     12466083        12468011        .       +
        0       Parent=Smp_346880.1
SM_V9_3 Liftoff gene    12470642        12487128        .       -
        .       ID=Smp_121800;geneID=Smp_121800
SM_V9_3 Liftoff mRNA    12470642        12487128        .       -
        .
ID=Smp_121800.1;Parent=Smp_121800;geneID=Smp_121800;product=Replicat
ion protein A 70 kDa DNA-binding
subunit;polypeptide_domain=InterPro:IPR004365,IPR004591,IPR007199,IP
R012340,IPR013955,IPR031657
Pfam:PF01336,PF04057,PF08646,PF16900;Ontology_term=GO:0003676,GO:000
3677,GO:0005634,GO:0006260,GO:0006281,GO:0006310
SM_V9_3 Liftoff exon    12470642        12471043        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12472120        12472206        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12472843        12472953        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12475419        12475574        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12481043        12481305        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12482451        12482660        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12482846        12483053        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12484371        12484732        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12486647        12486699        .       -
        .       Parent=Smp_121800.1
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SM_V9_3 Liftoff exon    12486734        12486842        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12486875        12486945        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff exon    12486988        12487128        .       -
        .       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12470930        12471043        .       -
        0       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12472120        12472206        .       -
        0       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12472843        12472953        .       -
        0       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12475419        12475574        .       -
        0       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12481043        12481305        .       -
        2       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12482451        12482660        .       -
        2       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12482846        12483053        .       -
        0       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12484371        12484732        .       -
        2       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12486647        12486699        .       -
        1       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12486734        12486842        .       -
        2       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12486875        12486945        .       -
        1       Parent=Smp_121800.1
SM_V9_3 Liftoff CDS     12486988        12487016        .       -
        0       Parent=Smp_121800.1
SM_V9_3 Liftoff mRNA    12470642        12487128        .       -
        .
ID=Smp_121800.2;Parent=Smp_121800;geneID=Smp_121800;product=Replicat
ion protein A 70 kDa DNA-binding
subunit;polypeptide_domain=InterPro:IPR004365,IPR004591,IPR007199,IP
R012340,IPR013955,IPR031657
Pfam:PF01336,PF04057,PF08646,PF16900;Ontology_term=GO:0003676,GO:000
3677,GO:0005634,GO:0006260,GO:0006281,GO:0006310
SM_V9_3 Liftoff exon    12470642        12471043        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12472120        12472206        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12472843        12472953        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12475419        12475574        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12481043        12481305        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12482451        12482660        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12482846        12483053        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12484371        12484732        .       -
        .       Parent=Smp_121800.2
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SM_V9_3 Liftoff exon    12486647        12486699        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff exon    12486734        12487128        .       -
        .       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12470930        12471043        .       -
        0       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12472120        12472206        .       -
        0       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12472843        12472953        .       -
        0       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12475419        12475574        .       -
        0       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12481043        12481305        .       -
        2       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12482451        12482660        .       -
        2       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12482846        12483053        .       -
        0       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12484371        12484732        .       -
        2       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12486647        12486699        .       -
        1       Parent=Smp_121800.2
SM_V9_3 Liftoff CDS     12486734        12486837        .       -
        0       Parent=Smp_121800.2
SM_V9_3 Liftoff gene    12500142        12508217        .       +
        .       ID=Smp_121790;geneID=Smp_121790
SM_V9_3 Liftoff mRNA    12500142        12508217        .       +
        .
ID=Smp_121790.1;Parent=Smp_121790;geneID=Smp_121790;product=39S
ribosomal protein L13,
mitochondrial;polypeptide_domain=InterPro:IPR005822
Pfam:PF00572;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_3 Liftoff exon    12500142        12500193        .       +
        .       Parent=Smp_121790.1
SM_V9_3 Liftoff exon    12500229        12500352        .       +
        .       Parent=Smp_121790.1
SM_V9_3 Liftoff exon    12500382        12500481        .       +
        .       Parent=Smp_121790.1
SM_V9_3 Liftoff exon    12500516        12500576        .       +
        .       Parent=Smp_121790.1
SM_V9_3 Liftoff exon    12504150        12504242        .       +
        .       Parent=Smp_121790.1
SM_V9_3 Liftoff exon    12504281        12504402        .       +
        .       Parent=Smp_121790.1
SM_V9_3 Liftoff exon    12506234        12508217        .       +
        .       Parent=Smp_121790.1
SM_V9_3 Liftoff CDS     12500173        12500193        .       +
        0       Parent=Smp_121790.1
SM_V9_3 Liftoff CDS     12500229        12500352        .       +
        0       Parent=Smp_121790.1
SM_V9_3 Liftoff CDS     12500382        12500481        .       +
        2       Parent=Smp_121790.1
SM_V9_3 Liftoff CDS     12500516        12500576        .       +
        1       Parent=Smp_121790.1
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SM_V9_3 Liftoff CDS     12504150        12504242        .       +
        0       Parent=Smp_121790.1
SM_V9_3 Liftoff CDS     12504281        12504402        .       +
        0       Parent=Smp_121790.1
SM_V9_3 Liftoff CDS     12506234        12506303        .       +
        1       Parent=Smp_121790.1
SM_V9_3 Liftoff gene    12508276        12569931        .       -
        .       ID=Smp_121780;geneID=Smp_121780
SM_V9_3 Liftoff mRNA    12508276        12569931        .       -
        .
ID=Smp_121780.1;Parent=Smp_121780;geneID=Smp_121780;product=Myosin
light chain kinase, smooth
muscle;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR
017441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_3 Liftoff exon    12508276        12510095        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12512952        12513032        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12514768        12514813        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12518588        12518740        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12521064        12521260        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12525616        12525757        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12528741        12528944        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12540104        12540203        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff exon    12568543        12569931        .       -
        .       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12509091        12510095        .       -
        0       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12512952        12513032        .       -
        0       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12514768        12514813        .       -
        1       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12518588        12518740        .       -
        1       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12521064        12521260        .       -
        0       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12525616        12525757        .       -
        1       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12528741        12528944        .       -
        1       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12540104        12540203        .       -
        2       Parent=Smp_121780.1
SM_V9_3 Liftoff CDS     12568543        12568585        .       -
        0       Parent=Smp_121780.1
SM_V9_3 iris    gene    12597345        12614758        .       -
        .
ID=Smp_194680;geneID=Smp_194680;gene_name=Smp_194680;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
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SM_V9_3 iris    mRNA    12597345        12614758        .       -
       .
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4680;owner=irisadmin@local.host;orig_id=Smp_194680.1;date_last_modif
ied=2022-07-26;Name=Smp_194680.1;product=DNA-(apurinic or
apyrimidinic site) lyase 1;date_creation=2022-07-26
SM_V9_3 iris    exon    12597345        12597798        .       -
       .       Parent=Smp_194680.1;Name=e80595ac-0b71-42cb-9251-
c465827b2ce8
SM_V9_3 iris    exon    12599286        12599723        .       -
       .       Parent=Smp_194680.1;Name=c03f0323-4e8c-47c3-
bac4-03b82a2178b3
SM_V9_3 iris    exon    12605855        12606147        .       -
       .
Parent=Smp_194680.1;Name=edc6d6a7-815f-4ce0-85ab-4473ed94d151
SM_V9_3 iris    exon    12608659        12608776        .       -
       .       Parent=Smp_194680.1;Name=c6d2c45e-
c386-499b-9e86-5a0ece042a95
SM_V9_3 iris    exon    12610388        12610575        .       -
       .       Parent=Smp_194680.1;Name=859ebff0-7b99-47f1-
a828-5e261ad55b78
SM_V9_3 iris    exon    12614522        12614758        .       -
       .       Parent=Smp_194680.1;Name=ab909cbe-2d64-4611-
b1ea-2db420f43ffa
SM_V9_3 iris    CDS     12597656        12597798        .       -
       2       Parent=Smp_194680.1
SM_V9_3 iris    CDS     12599286        12599723        .       -
       2       Parent=Smp_194680.1
SM_V9_3 iris    CDS     12605855        12606147        .       -
       1       Parent=Smp_194680.1
SM_V9_3 iris    CDS     12608659        12608776        .       -
       2       Parent=Smp_194680.1
SM_V9_3 iris    CDS     12610388        12610575        .       -
       1       Parent=Smp_194680.1
SM_V9_3 iris    CDS     12614522        12614529        .       -
       0       Parent=Smp_194680.1
SM_V9_3 iris    gene    12622833        12700288        .       +
       .
ID=Smp_247260;geneID=Smp_247260;gene_name=Smp_247260;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    12622833        12700288        .       +
       .
ID=Smp_247260.1;Parent=Smp_247260;geneID=Smp_247260;gene_name=Smp_24
7260;owner=irisadmin@local.host;orig_id=Smp_247260.1;date_last_modif
ied=2022-07-26;Name=Smp_247260.1;product=Transcription factor
COE3;date_creation=2022-07-26
SM_V9_3 iris    exon    12622833        12624425        .       +
       .       Parent=Smp_247260.1;Name=bfcee72a-ffe4-4a09-aa97-
f01511acc005
SM_V9_3 iris    exon    12629411        12630449        .       +
       .       Parent=Smp_247260.1;Name=52f6ad39-9c80-4014-
b1a7-7a46fc2d3039
SM_V9_3 iris    exon    12635688        12635862        .       +
       .       Parent=Smp_247260.1;Name=5c771de7-1214-4e4c-
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ae73-46357855aee9
SM_V9_3 iris    exon    12639103        12639166        .       +
        .       Parent=Smp_247260.1;Name=3ff4165d-c234-4022-9f36-
b76957bcd160
SM_V9_3 iris    exon    12642836        12642891        .       +
        .       Parent=Smp_247260.1;Name=487d6f98-2898-499c-a2e3-
f8b08cbbd1b6
SM_V9_3 iris    exon    12644282        12644424        .       +
        .       Parent=Smp_247260.1;Name=7908e168-6f3e-4e89-a49c-
c6050f3888a0
SM_V9_3 iris    exon    12654975        12655056        .       +
        .       Parent=Smp_247260.1;Name=ce0f6d12-044b-4195-
acf0-4b8b1c081f4a
SM_V9_3 iris    exon    12657005        12657125        .       +
        .       Parent=Smp_247260.1;Name=e6e741cd-67ab-45fb-
b85f-742203ecf039
SM_V9_3 iris    exon    12685046        12685188        .       +
        .       Parent=Smp_247260.1;Name=4cb74606-243e-4cab-a5be-
fa114ad80d48
SM_V9_3 iris    exon    12688019        12688145        .       +
        .
Parent=Smp_247260.1;Name=2ecfb2c6-6395-407a-9478-23d2ae305c1e
SM_V9_3 iris    exon    12689445        12691000        .       +
        .       Parent=Smp_247260.1;Name=04612f4e-
f309-4332-9e6f-33ca0d1150cb
SM_V9_3 iris    exon    12692158        12692391        .       +
        .       Parent=Smp_247260.1;Name=695adab0-7575-4d14-b619-
fa95f392b74a
SM_V9_3 iris    exon    12694580        12694998        .       +
        .       Parent=Smp_247260.1;Name=0ddc852b-b901-4baf-91f1-
b3ed9282d3ab
SM_V9_3 iris    exon    12699775        12700288        .       +
        .       Parent=Smp_247260.1;Name=d1492c4d-687f-41f0-
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SM_V9_3 iris    CDS     12629470        12630449        .       +
        0       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12635688        12635862        .       +
        1       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12639103        12639166        .       +
        0       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12642836        12642891        .       +
        2       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12644282        12644424        .       +
        0       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12654975        12655056        .       +
        1       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12657005        12657125        .       +
        0       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12685046        12685188        .       +
        2       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12688019        12688145        .       +
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SM_V9_3 iris    CDS     12694580        12694998        .       +
        0       Parent=Smp_247260.1
SM_V9_3 iris    CDS     12699775        12699778        .       +
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copeptide repeat protein
37;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13181;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    12711483        12711875        .       -
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SM_V9_3 Liftoff exon    12713279        12713533        .       -
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SM_V9_3 Liftoff exon    12716331        12716827        .       -
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SM_V9_3 Liftoff exon    12719954        12720108        .       -
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SM_V9_3 Liftoff exon    12723999        12724109        .       -
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SM_V9_3 Liftoff exon    12726580        12726775        .       -
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SM_V9_3 Liftoff exon    12730075        12730251        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12732099        12732155        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12733185        12733243        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12736639        12737186        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12738555        12738674        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12739198        12739302        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12741139        12741241        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12742872        12743005        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12745359        12745390        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12754058        12754142        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12755528        12755638        .       -
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SM_V9_3 Liftoff exon    12758519        12758556        .       -
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SM_V9_3 Liftoff exon    12761543        12761642        .       -
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SM_V9_3 Liftoff exon    12763123        12763378        .       -
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SM_V9_3 Liftoff exon    12766652        12766883        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12770501        12770811        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12772488        12772559        .       -
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SM_V9_3 Liftoff exon    12773491        12773886        .       -
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SM_V9_3 Liftoff exon    12776671        12776785        .       -
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SM_V9_3 Liftoff exon    12778594        12778666        .       -
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SM_V9_3 Liftoff exon    12778793        12778881        .       -
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SM_V9_3 Liftoff exon    12783071        12783211        .       -
        .       Parent=Smp_194650.1
SM_V9_3 Liftoff exon    12783250        12783527        .       -
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SM_V9_3 Liftoff CDS     12713279        12713533        .       -
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SM_V9_3 Liftoff CDS     12719954        12720108        .       -
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SM_V9_3 Liftoff CDS     12723999        12724109        .       -
        1       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12725405        12725498        .       -
        2       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12726580        12726775        .       -
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SM_V9_3 Liftoff CDS     12730075        12730251        .       -
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SM_V9_3 Liftoff CDS     12733185        12733243        .       -
        2       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12736639        12737186        .       -
        1       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12738555        12738674        .       -
        1       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12739198        12739302        .       -
        1       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12741139        12741241        .       -
        2       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12742872        12743005        .       -
        1       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12745359        12745390        .       -
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        1       Parent=Smp_194650.1
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SM_V9_3 Liftoff CDS     12755528        12755638        .       -
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        0       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12761543        12761642        .       -
        1       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12763123        12763378        .       -
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SM_V9_3 Liftoff CDS     12766652        12766883        .       -
        0       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12770501        12770811        .       -
        2       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12772488        12772559        .       -
        2       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12773491        12773886        .       -
        2       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12776671        12776785        .       -
        0       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12778594        12778666        .       -
        1       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12778793        12778881        .       -
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SM_V9_3 Liftoff CDS     12783071        12783211        .       -
        0       Parent=Smp_194650.1
SM_V9_3 Liftoff CDS     12783250        12783324        .       -
        0       Parent=Smp_194650.1
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SM_V9_3 Liftoff mRNA    12818924        12819082        .       +
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terized protein KIAA1109
SM_V9_3 Liftoff exon    12818924        12819082        .       +
        .       Parent=Smp_201940.1
SM_V9_3 Liftoff CDS     12818924        12819082        .       +
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SM_V9_3 Liftoff gene    13102476        13111249        .       -
        .       ID=Smp_052870;geneID=Smp_052870
SM_V9_3 Liftoff mRNA    13102476        13111249        .       -
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proteasome non-ATPase regulatory subunit
6;polypeptide_domain=InterPro:IPR000717,IPR011991,IPR019585
Pfam:PF01399,PF10602;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    13102476        13102801        .       -
        .       Parent=Smp_052870.1
SM_V9_3 Liftoff exon    13105201        13105475        .       -
        .       Parent=Smp_052870.1
SM_V9_3 Liftoff exon    13107375        13107483        .       -
        .       Parent=Smp_052870.1
SM_V9_3 Liftoff exon    13108420        13108639        .       -
        .       Parent=Smp_052870.1
SM_V9_3 Liftoff exon    13108681        13108826        .       -
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SM_V9_3 Liftoff exon    13108871        13109076        .       -
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SM_V9_3 Liftoff exon    13111041        13111249        .       -
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SM_V9_3 Liftoff CDS     13102733        13102801        .       -
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SM_V9_3 Liftoff CDS     13105201        13105475        .       -
        2       Parent=Smp_052870.1
SM_V9_3 Liftoff CDS     13107375        13107483        .       -
        0       Parent=Smp_052870.1
SM_V9_3 Liftoff CDS     13108420        13108639        .       -
        1       Parent=Smp_052870.1
SM_V9_3 Liftoff CDS     13108681        13108826        .       -
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SM_V9_3 Liftoff CDS     13108871        13109076        .       -
        2       Parent=Smp_052870.1
SM_V9_3 Liftoff CDS     13111041        13111191        .       -
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SM_V9_3 Liftoff gene    13122085        13143906        .       -
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SM_V9_3 Liftoff mRNA    13122085        13143906        .       -
        .
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SM_V9_3 Liftoff exon    13122085        13122748        .       -
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SM_V9_3 Liftoff exon    13143743        13143906        .       -
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SM_V9_3 Liftoff CDS     13122392        13122748        .       -
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SM_V9_3 Liftoff CDS     13143743        13143895        .       -
        0       Parent=Smp_340860.1
SM_V9_3 Liftoff gene    13200536        13202472        .       +
        .       ID=Smp_201950;geneID=Smp_201950
SM_V9_3 Liftoff mRNA    13200536        13202472        .       +
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e RNA 48 kDa protein
SM_V9_3 Liftoff exon    13200536        13202472        .       +
        .       Parent=Smp_201950.1
SM_V9_3 Liftoff CDS     13200567        13201322        .       +
        0       Parent=Smp_201950.1
SM_V9_3 Liftoff gene    13214016        13231954        .       +
        .       ID=Smp_052890;geneID=Smp_052890
SM_V9_3 Liftoff mRNA    13214016        13231954        .       +
        .
ID=Smp_052890.1;Parent=Smp_052890;geneID=Smp_052890;product=Thioredo
xin domain-containing protein
SM_V9_3 Liftoff exon    13214016        13214222        .       +
        .       Parent=Smp_052890.1
SM_V9_3 Liftoff exon    13214262        13214336        .       +
        .       Parent=Smp_052890.1
SM_V9_3 Liftoff exon    13214383        13214484        .       +
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SM_V9_3 Liftoff exon    13215752        13215893        .       +
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SM_V9_3 Liftoff exon    13218451        13218501        .       +
        .       Parent=Smp_052890.1
SM_V9_3 Liftoff exon    13220339        13220464        .       +
        .       Parent=Smp_052890.1
SM_V9_3 Liftoff exon    13227668        13227799        .       +
        .       Parent=Smp_052890.1
SM_V9_3 Liftoff exon    13229526        13229562        .       +
        .       Parent=Smp_052890.1
SM_V9_3 Liftoff exon    13231516        13231954        .       +
        .       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13214069        13214222        .       +
        0       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13214262        13214336        .       +
        2       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13214383        13214484        .       +
        2       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13215752        13215893        .       +
        2       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13218451        13218501        .       +
        1       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13220339        13220464        .       +
        1       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13227668        13227799        .       +
        1       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13229526        13229562        .       +
        1       Parent=Smp_052890.1
SM_V9_3 Liftoff CDS     13231516        13231737        .       +
        0       Parent=Smp_052890.1
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ied=2022-09-04;Name=Smp_150460.1;product=Metal homeostasis factor
ATX1;date_creation=2022-09-04
SM_V9_3 iris    exon    13233678        13233836        .       -
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Parent=Smp_150460.1;Name=0b864a89-4759-4212-8c1d-781590f4b686
SM_V9_3 iris    exon    13233875        13233995        .       -
        .       Parent=Smp_150460.1;Name=62d72a49-719b-4489-a94d-
b96ebc310677
SM_V9_3 iris    CDS     13233709        13233836        .       -
        2       Parent=Smp_150460.1
SM_V9_3 iris    CDS     13233875        13233968        .       -
        0       Parent=Smp_150460.1
SM_V9_3 Liftoff gene    13239776        13270411        .       +
        .       ID=Smp_150470;geneID=Smp_150470
SM_V9_3 Liftoff mRNA    13239776        13270411        .       +
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SM_V9_3 Liftoff exon    13243394        13243457        .       +
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SM_V9_3 Liftoff exon    13243501        13243632        .       +
        .       Parent=Smp_150470.1
SM_V9_3 Liftoff exon    13243681        13243799        .       +
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SM_V9_3 Liftoff exon    13243863        13244608        .       +
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SM_V9_3 Liftoff exon    13247370        13247809        .       +
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SM_V9_3 Liftoff exon    13250399        13250762        .       +
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SM_V9_3 Liftoff exon    13257679        13258002        .       +
        .       Parent=Smp_150470.1
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        .       Parent=Smp_150470.1
SM_V9_3 Liftoff exon    13266495        13266954        .       +
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SM_V9_3 Liftoff exon    13269719        13270411        .       +
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        0       Parent=Smp_150470.1
SM_V9_3 Liftoff CDS     13243681        13243799        .       +
        0       Parent=Smp_150470.1
SM_V9_3 Liftoff CDS     13243863        13244608        .       +
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SM_V9_3 Liftoff CDS     13247370        13247809        .       +
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SM_V9_3 Liftoff CDS     13249262        13249489        .       +
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SM_V9_3 Liftoff CDS     13250399        13250762        .       +
        0       Parent=Smp_150470.1
SM_V9_3 Liftoff CDS     13253488        13253912        .       +
        2       Parent=Smp_150470.1
SM_V9_3 Liftoff CDS     13257679        13258002        .       +
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SM_V9_3 Liftoff CDS     13262910        13263482        .       +
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SM_V9_3 Liftoff CDS     13266495        13266954        .       +
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SM_V9_3 Liftoff CDS     13269719        13270251        .       +
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SM_V9_3 Liftoff mRNA    13274554        13280442        .       -
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1;polypeptide_domain=InterPro:IPR001232,IPR011333,IPR016072,IPR01607
3,IPR016897 Pfam:PF01466,PF03931;Ontology_term=GO:0006511
SM_V9_3 Liftoff exon    13274554        13274996        .       -
        .       Parent=Smp_052910.1
SM_V9_3 Liftoff exon    13276530        13276888        .       -
        .       Parent=Smp_052910.1
SM_V9_3 Liftoff exon    13280190        13280442        .       -
        .       Parent=Smp_052910.1
SM_V9_3 Liftoff CDS     13274961        13274996        .       -
        0       Parent=Smp_052910.1
SM_V9_3 Liftoff CDS     13276530        13276888        .       -
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SM_V9_3 Liftoff CDS     13280190        13280286        .       -
        0       Parent=Smp_052910.1
SM_V9_3 iris    gene    13291335        13376232        .       -
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ID=Smp_247230;geneID=Smp_247230;gene_name=Smp_247230;owner=irisadmin
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SM_V9_3 iris    mRNA    13291335        13376232        .       -
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ID=Smp_247230.1;Parent=Smp_247230;geneID=Smp_247230;gene_name=Smp_24
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stranded-interacting protein 3;date_creation=2022-07-26
SM_V9_3 iris    exon    13291335        13293209        .       -
        .       Parent=Smp_247230.1;Name=d77c881c-
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SM_V9_3 iris    exon    13294749        13295410        .       -
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SM_V9_3 iris    exon    13297489        13298305        .       -
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b9a9-13d85a36fe05
SM_V9_3 iris    exon    13314474        13314571        .       -
        .
Parent=Smp_247230.1;Name=3796187e-1aba-46ed-999e-2ffc48473510
SM_V9_3 iris    exon    13375103        13376232        .       -
        .
Parent=Smp_247230.1;Name=4ae9db6e-5294-4f6f-9385-710263eb7d86
SM_V9_3 iris    CDS     13294759        13295410        .       -
        1       Parent=Smp_247230.1
SM_V9_3 iris    CDS     13297489        13298305        .       -
        2       Parent=Smp_247230.1
SM_V9_3 iris    CDS     13300232        13300385        .       -
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        0       Parent=Smp_247230.1
SM_V9_3 iris    CDS     13314474        13314571        .       -
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SM_V9_3 iris    CDS     13375103        13375709        .       -
        0       Parent=Smp_247230.1
SM_V9_3 iris    gene    13591061        13611173        .       -
        .
ID=Smp_150500;geneID=Smp_150500;gene_name=Smp_150500;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    13591061        13611173        .       -
        .
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0500;owner=irisadmin@local.host;orig_id=Smp_150500.1;date_last_modif
ied=2022-08-23;Name=Smp_150500.1;product=Protein lifeguard
1;date_creation=2022-08-23
SM_V9_3 iris    exon    13591061        13592371        .       -
        .
Parent=Smp_150500.1;Name=3c3c9266-34aa-4869-9611-710389445b47
SM_V9_3 iris    exon    13594594        13594641        .       -
        .
Parent=Smp_150500.1;Name=cbc502df-586d-45c5-97d3-49b5938a9974
SM_V9_3 iris    exon    13597135        13597365        .       -
        .       Parent=Smp_150500.1;Name=365dbdb2-
b9ed-403c-9a7b-905767beb121
SM_V9_3 iris    exon    13599850        13599940        .       -
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a40e-096d486c4e85
SM_V9_3 iris    exon    13603534        13603587        .       -
        .       Parent=Smp_150500.1;Name=00f6476e-89b3-4154-
ba2c-6a4b2b50a9a4
SM_V9_3 iris    exon    13603642        13603706        .       -
        .       Parent=Smp_150500.1;Name=0230e193-6c2e-4f3e-
ab1d-86bd87542bbd
SM_V9_3 iris    exon    13603763        13603920        .       -
        .       Parent=Smp_150500.1;Name=2b130ba7-0d38-4f42-bbc9-
ef304b37a05a
SM_V9_3 iris    exon    13604460        13604577        .       -
        .
Parent=Smp_150500.1;Name=6e30a383-03e4-4284-942e-941ec829d6be
SM_V9_3 iris    exon    13611119        13611173        .       -
        .       Parent=Smp_150500.1;Name=d1c6d99f-da46-4cf1-8a76-
dbbb3844bd3f
SM_V9_3 iris    CDS     13592222        13592371        .       -
        0       Parent=Smp_150500.1
SM_V9_3 iris    CDS     13594594        13594641        .       -
        0       Parent=Smp_150500.1
SM_V9_3 iris    CDS     13597135        13597365        .       -
        0       Parent=Smp_150500.1
SM_V9_3 iris    CDS     13599850        13599940        .       -
        1       Parent=Smp_150500.1
SM_V9_3 iris    CDS     13603534        13603587        .       -
        1       Parent=Smp_150500.1
SM_V9_3 iris    CDS     13603642        13603706        .       -
        0       Parent=Smp_150500.1
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SM_V9_3 iris    CDS     13603763        13603920        .       -
        2       Parent=Smp_150500.1
SM_V9_3 iris    CDS     13604460        13604517        .       -
        0       Parent=Smp_150500.1
SM_V9_3 Liftoff gene    13660604        13671958        .       -
        .       ID=Smp_066340;geneID=Smp_066340
SM_V9_3 Liftoff mRNA    13660604        13671958        .       -
        .
ID=Smp_066340.1;Parent=Smp_066340;geneID=Smp_066340;product=Proteaso
me inhibitor PI31 subunit;polypeptide_domain=InterPro:IPR013886
Pfam:PF08577
SM_V9_3 Liftoff exon    13660604        13661364        .       -
        .       Parent=Smp_066340.1
SM_V9_3 Liftoff exon    13669507        13669794        .       -
        .       Parent=Smp_066340.1
SM_V9_3 Liftoff exon    13671565        13671958        .       -
        .       Parent=Smp_066340.1
SM_V9_3 Liftoff CDS     13661014        13661364        .       -
        0       Parent=Smp_066340.1
SM_V9_3 Liftoff CDS     13669507        13669794        .       -
        0       Parent=Smp_066340.1
SM_V9_3 Liftoff CDS     13671565        13671876        .       -
        0       Parent=Smp_066340.1
SM_V9_3 iris    gene    13682021        13693539        .       +
        .
ID=Smp_066330;geneID=Smp_066330;gene_name=Smp_066330;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    13682021        13693539        .       +
        .
ID=Smp_066330.1;Parent=Smp_066330;geneID=Smp_066330;gene_name=Smp_06
6330;owner=irisadmin@local.host;orig_id=Smp_066330.1;date_last_modif
ied=2022-07-26;Name=Smp_066330.1;product=StAR-related lipid transfer
protein 7, mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    13682021        13682080        .       +
        .       Parent=Smp_066330.1;Name=a04c39c2-cd4f-4b09-
a44d-423f1c510fb4
SM_V9_3 iris    exon    13684748        13685067        .       +
        .
Parent=Smp_066330.1;Name=5b690c59-0802-44fb-8169-87a463b69210
SM_V9_3 iris    exon    13685112        13685608        .       +
        .       Parent=Smp_066330.1;Name=f9223960-2f09-4229-
a8a7-0df538459c41
SM_V9_3 iris    exon    13688796        13689301        .       +
        .       Parent=Smp_066330.1;Name=f1960cea-e835-4101-
a06f-26b2522fdd36
SM_V9_3 iris    exon    13690442        13690526        .       +
        .       Parent=Smp_066330.1;Name=59d44b15-0c9a-45e4-
b8b3-2df191163c59
SM_V9_3 iris    exon    13692577        13693539        .       +
        .       Parent=Smp_066330.1;Name=d727fe1e-ce4d-4c4b-
a227-4ea2e1a0ec24
SM_V9_3 iris    CDS     13682069        13682080        .       +
        0       Parent=Smp_066330.1
SM_V9_3 iris    CDS     13684748        13685067        .       +
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        0       Parent=Smp_066330.1
SM_V9_3 iris    CDS     13685112        13685608        .       +
        1       Parent=Smp_066330.1
SM_V9_3 iris    CDS     13688796        13689301        .       +
        2       Parent=Smp_066330.1
SM_V9_3 iris    CDS     13690442        13690526        .       +
        0       Parent=Smp_066330.1
SM_V9_3 iris    CDS     13692577        13692923        .       +
        2       Parent=Smp_066330.1
SM_V9_3 Liftoff gene    13711681        13737947        .       -
        .
ID=Smp_344890;geneID=Smp_344890;previous_systematic_id=Smp_158000
SM_V9_3 Liftoff mRNA    13711681        13737947        .       -
        .
ID=Smp_344890.1;Parent=Smp_344890;geneID=Smp_344890;product=homeobox
protein SMOX-5;evidence=Traceable Author
Statement;literature=PMID:1356008;polypeptide_domain=InterPro:IPR001
356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    13711681        13712419        .       -
        .       Parent=Smp_344890.1
SM_V9_3 Liftoff exon    13718230        13718420        .       -
        .       Parent=Smp_344890.1
SM_V9_3 Liftoff exon    13736405        13737947        .       -
        .       Parent=Smp_344890.1
SM_V9_3 Liftoff CDS     13711805        13712419        .       -
        0       Parent=Smp_344890.1
SM_V9_3 Liftoff CDS     13718230        13718420        .       -
        2       Parent=Smp_344890.1
SM_V9_3 Liftoff CDS     13736405        13737794        .       -
        0       Parent=Smp_344890.1
SM_V9_3 Liftoff gene    13772530        13878975        .       +
        .
ID=Smp_157980;geneID=Smp_157980;previous_systematic_id=Smp_066290,Sm
p_126550
SM_V9_3 Liftoff mRNA    13772530        13850469        .       +
        .
ID=Smp_157980.1;Parent=Smp_157980;geneID=Smp_157980;product=Telomera
se protein component
1;polypeptide_domain=InterPro:IPR001680,IPR008858,IPR015943,IPR01798
6,IPR019775,IPR025139,IPR027417
Pfam:PF05731,PF13271;Ontology_term=GO:0003723,GO:0005515
SM_V9_3 Liftoff exon    13772530        13776224        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13776265        13776387        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13776423        13776584        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13776618        13776711        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13776750        13776799        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13776836        13777157        .       +
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SM_V9_3 Liftoff exon    13778263        13778372        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13780161        13780272        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13782251        13782341        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13783830        13783998        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13788275        13788520        .       +
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        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13790798        13790919        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13791778        13792005        .       +
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SM_V9_3 Liftoff exon    13794150        13794395        .       +
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SM_V9_3 Liftoff exon    13795453        13795689        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13797117        13797230        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13799554        13799689        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13800631        13800874        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13802225        13802663        .       +
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SM_V9_3 Liftoff exon    13805079        13805214        .       +
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SM_V9_3 Liftoff exon    13806265        13806444        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13807684        13807776        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13808716        13809489        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13810278        13810392        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13812876        13812999        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13814302        13814632        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13814791        13815351        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13815469        13815790        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13816680        13816960        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13820434        13820787        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13822651        13822905        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13824325        13824520        .       +
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SM_V9_3 Liftoff exon    13830538        13831185        .       +
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SM_V9_3 Liftoff exon    13837068        13837229        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13839868        13839970        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13841605        13841708        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13844152        13844236        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13845609        13845776        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff exon    13850220        13850469        .       +
        .       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13775766        13776224        .       +
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SM_V9_3 Liftoff CDS     13776265        13776387        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13776423        13776584        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13776618        13776711        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13776750        13776799        .       +
        2       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13776836        13777157        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13778263        13778372        .       +
        2       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13780161        13780272        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13782251        13782341        .       +
        2       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13783830        13783998        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13788275        13788520        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13789196        13789255        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13790798        13790919        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13791778        13792005        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13794150        13794395        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13795453        13795689        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13797117        13797230        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13799554        13799689        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13800631        13800874        .       +
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SM_V9_3 Liftoff CDS     13802225        13802663        .       +
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        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13806265        13806444        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13807684        13807776        .       +
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SM_V9_3 Liftoff CDS     13808716        13809489        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13810278        13810392        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13812876        13812999        .       +
        2       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13814302        13814632        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13814791        13815351        .       +
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SM_V9_3 Liftoff CDS     13815469        13815790        .       +
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SM_V9_3 Liftoff CDS     13816680        13816960        .       +
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SM_V9_3 Liftoff CDS     13820434        13820787        .       +
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SM_V9_3 Liftoff CDS     13822651        13822905        .       +
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SM_V9_3 Liftoff CDS     13824325        13824520        .       +
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SM_V9_3 Liftoff CDS     13830538        13831185        .       +
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SM_V9_3 Liftoff CDS     13833840        13834365        .       +
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SM_V9_3 Liftoff CDS     13837068        13837229        .       +
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SM_V9_3 Liftoff CDS     13839868        13839970        .       +
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SM_V9_3 Liftoff CDS     13841605        13841708        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13844152        13844236        .       +
        1       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13845609        13845776        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff CDS     13850220        13850339        .       +
        0       Parent=Smp_157980.1
SM_V9_3 Liftoff mRNA    13772530        13878975        .       +
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6,IPR019775,IPR025139,IPR027417
Pfam:PF05731,PF13271;Ontology_term=GO:0003723,GO:0005515
SM_V9_3 Liftoff exon    13772530        13776224        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13776265        13776387        .       +
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SM_V9_3 Liftoff exon    13776423        13776584        .       +
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SM_V9_3 Liftoff exon    13776618        13776711        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13776750        13776799        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13776836        13777157        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13778263        13778372        .       +
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SM_V9_3 Liftoff exon    13780161        13780272        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13782251        13782341        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13783830        13783998        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13788275        13788520        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13789196        13789255        .       +
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SM_V9_3 Liftoff exon    13790798        13790919        .       +
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SM_V9_3 Liftoff exon    13791778        13792005        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13794150        13794395        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13795453        13795689        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13797117        13797230        .       +
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        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13800631        13800874        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13801806        13802121        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13802238        13802663        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13805079        13805214        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13806265        13806444        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13807684        13807776        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13808716        13809489        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13810278        13810392        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13812876        13812999        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13814302        13814632        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13814791        13815351        .       +
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SM_V9_3 Liftoff exon    13815469        13815790        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13816680        13816960        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13820434        13820787        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13822651        13822905        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13824325        13824520        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13830538        13831185        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13833840        13834365        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13837068        13837229        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13839868        13839970        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13841605        13841708        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13844152        13844236        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13845609        13845776        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff exon    13850220        13878975        .       +
        .       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13775766        13776224        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13776265        13776387        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13776423        13776584        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13776618        13776711        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13776750        13776799        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13776836        13777157        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13778263        13778372        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13780161        13780272        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13782251        13782341        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13783830        13783998        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13788275        13788520        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13789196        13789255        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13790798        13790919        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13791778        13792005        .       +
```

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        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13794150        13794395        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13795453        13795689        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13797117        13797230        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13799554        13799689        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13800631        13800874        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13801806        13802121        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13802238        13802663        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13805079        13805214        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13806265        13806444        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13807684        13807776        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13808716        13809489        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13810278        13810392        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13812876        13812999        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13814302        13814632        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13814791        13815351        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13815469        13815790        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13816680        13816960        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13820434        13820787        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13822651        13822905        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13824325        13824520        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13830538        13831185        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13833840        13834365        .       +
        2       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13837068        13837229        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13839868        13839970        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13841605        13841708        .       +
        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13844152        13844236        .       +
        1       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13845609        13845776        .       +
```

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        0       Parent=Smp_157980.2
SM_V9_3 Liftoff CDS     13850220        13850339        .       +
        0       Parent=Smp_157980.2
SM_V9_3 iris    gene    13981101        14080209        .       -
        .
ID=Smp_308100;geneID=Smp_308100;gene_name=Smp_308100;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    13981101        14080209        .       -
        .
ID=Smp_308100.1;Parent=Smp_308100;geneID=Smp_308100;gene_name=Smp_30
8100;owner=irisadmin@local.host;orig_id=Smp_308100.1;date_last_modif
ied=2022-07-26;Name=Smp_308100.1;product=Telomerase protein
component 1;date_creation=2022-07-26
SM_V9_3 iris    exon    13981101        13981479        .       -
        .       Parent=Smp_308100.1;Name=8b95b04a-8da3-4b82-
a1ef-1fecb4f6490a
SM_V9_3 iris    exon    13985715        13985891        .       -
        .       Parent=Smp_308100.1;Name=95e556db-
ce44-4ccc-8e5c-32e06ef7d5cb
SM_V9_3 iris    exon    13986601        13986685        .       -
        .       Parent=Smp_308100.1;Name=62a29a20-9abf-4301-
ba16-231fa42626ec
SM_V9_3 iris    exon    13988235        13988341        .       -
        .       Parent=Smp_308100.1;Name=c44fcec5-46ce-4d6c-b0af-
ff7f1f19384a
SM_V9_3 iris    exon    13989796        13989886        .       -
        .
Parent=Smp_308100.1;Name=2308bea1-54e7-4b8b-8afa-011fd95bf88e
SM_V9_3 iris    exon    13991118        13991279        .       -
        .       Parent=Smp_308100.1;Name=801f52c0-d637-4048-9345-
b4ecea622cfa
SM_V9_3 iris    exon    13992497        13992974        .       -
        .       Parent=Smp_308100.1;Name=81d0cb29-22b1-4e98-8223-
bc40b87efb81
SM_V9_3 iris    exon    13994950        13995564        .       -
        .       Parent=Smp_308100.1;Name=8e6b1455-a060-4a20-8ee4-
f5992ed9618f
SM_V9_3 iris    exon    13995982        13996183        .       -
        .       Parent=Smp_308100.1;Name=0873dc07-9c19-4746-a25e-
de92c5528836
SM_V9_3 iris    exon    13996936        13997190        .       -
        .       Parent=Smp_308100.1;Name=87f70871-928c-4428-
bf4b-4b5d89d03208
SM_V9_3 iris    exon    14000496        14000846        .       -
        .       Parent=Smp_308100.1;Name=ca04987d-4609-49f4-
a580-4e44b5e65458
SM_V9_3 iris    exon    14001597        14001874        .       -
        .       Parent=Smp_308100.1;Name=8ab6860a-7db4-41fe-88f0-
f749f4092782
SM_V9_3 iris    exon    14003759        14004077        .       -
        .       Parent=Smp_308100.1;Name=1e60adeb-cfb4-4e6d-
b6a7-3f930948f033
SM_V9_3 iris    exon    14004353        14004913        .       -
        .
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Parent=Smp_308100.1;Name=66b848ad-6802-4952-88e0-9387d9c9f393
SM_V9_3 iris    exon    14005228        14005552        .       -
        .       Parent=Smp_308100.1;Name=e7dc4867-1c7d-4cc0-
a14c-8e447cb3ad7a
SM_V9_3 iris    exon    14006685        14006802        .       -
        .       Parent=Smp_308100.1;Name=f16bd9b1-9c3f-41af-b287-
a58a00f012aa
SM_V9_3 iris    exon    14007141        14007252        .       -
        .       Parent=Smp_308100.1;Name=448860a4-50eb-41c3-
b682-1229be3d2219
SM_V9_3 iris    exon    14008916        14009620        .       -
        .
Parent=Smp_308100.1;Name=a30b5157-91fb-44b3-84f7-7d2908d1da26
SM_V9_3 iris    exon    14011518        14011610        .       -
        .       Parent=Smp_308100.1;Name=c46c28b7-910a-4bd9-9c1a-
a41c35c6a0fc
SM_V9_3 iris    exon    14012283        14012471        .       -
        .       Parent=Smp_308100.1;Name=6cb5c86c-39e8-4e8f-8f13-
b6433db39ddb
SM_V9_3 iris    exon    14014550        14014688        .       -
        .       Parent=Smp_308100.1;Name=154e53f6-858f-4fb4-
b34f-82076df7db77
SM_V9_3 iris    exon    14015451        14015847        .       -
        .       Parent=Smp_308100.1;Name=a9c88b72-0a61-4278-85ce-
c77bac690940
SM_V9_3 iris    exon    14020186        14020453        .       -
        .       Parent=Smp_308100.1;Name=59f4ec89-97fd-421b-a880-
a0871fcab746
SM_V9_3 iris    exon    14021478        14021598        .       -
        .       Parent=Smp_308100.1;Name=df8e8a7f-454f-4b12-a03b-
d2c84325512f
SM_V9_3 iris    exon    14022291        14022401        .       -
        .       Parent=Smp_308100.1;Name=26124418-fa2b-4f33-8ff1-
f05147d5278c
SM_V9_3 iris    exon    14024255        14024461        .       -
        .       Parent=Smp_308100.1;Name=2f6de944-fd65-4e07-
b997-80e3822927a1
SM_V9_3 iris    exon    14025767        14026012        .       -
        .       Parent=Smp_308100.1;Name=d8e004da-869c-4f04-8bef-
e9caaffb75d5
SM_V9_3 iris    exon    14027125        14027343        .       -
        .       Parent=Smp_308100.1;Name=bec55f32-6223-4958-
af81-107f82403c46
SM_V9_3 iris    exon    14030805        14030926        .       -
        .       Parent=Smp_308100.1;Name=0c2075bf-4d48-45b4-bb90-
e399101b9ebe
SM_V9_3 iris    exon    14032609        14032668        .       -
        .       Parent=Smp_308100.1;Name=a46b0f58-eb28-4d6b-b9ca-
e171b8cbe17e
SM_V9_3 iris    exon    14037831        14038061        .       -
        .       Parent=Smp_308100.1;Name=d5011a04-bf69-4eda-90d5-
ad42b9dd05e6
SM_V9_3 iris    exon    14039710        14039887        .       -
        .       Parent=Smp_308100.1;Name=fd5f6fb4-bdf4-416c-8cf5-
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e8b75e6f7b99
SM_V9_3 iris    exon    14041768        14041837        .       -
        .       Parent=Smp_308100.1;Name=505b93fe-e3dc-4dc8-9078-
ac7bf5e11664
SM_V9_3 iris    exon    14048261        14048372        .       -
        .
Parent=Smp_308100.1;Name=20cd27ff-0c7e-4611-8c8a-28ab5982fc45
SM_V9_3 iris    exon    14050933        14051042        .       -
        .       Parent=Smp_308100.1;Name=41b63bcb-
b7ec-471d-906d-0f0f52f90c36
SM_V9_3 iris    exon    14054305        14054623        .       -
        .       Parent=Smp_308100.1;Name=814430ce-487f-4a1c-bb13-
b09c4d30a006
SM_V9_3 iris    exon    14062896        14063126        .       -
        .       Parent=Smp_308100.1;Name=a0a2e323-dd28-4d1a-
bdc6-45c400fe5eb8
SM_V9_3 iris    exon    14064773        14064906        .       -
        .
Parent=Smp_308100.1;Name=a3d286e3-4356-4eb5-9d92-0dd51bfa0a72
SM_V9_3 iris    exon    14073037        14073148        .       -
        .       Parent=Smp_308100.1;Name=50eeb076-3249-4cc4-bf20-
f6da116a05fd
SM_V9_3 iris    exon    14075710        14075819        .       -
        .       Parent=Smp_308100.1;Name=5ad861a6-1135-4b11-
ab14-5f36cd002385
SM_V9_3 iris    exon    14079082        14079400        .       -
        .       Parent=Smp_308100.1;Name=a28d2375-c0b0-4979-
a6c1-0ad5bdfc1b72
SM_V9_3 iris    exon    14079433        14079479        .       -
        .
Parent=Smp_308100.1;Name=fa841fc9-5d59-4ad0-9dd8-9c8f4b9b83a8
SM_V9_3 iris    exon    14079511        14079604        .       -
        .       Parent=Smp_308100.1;Name=8cfa1248-e412-4275-
b2d1-2d847bea1f17
SM_V9_3 iris    exon    14079639        14079800        .       -
        .       Parent=Smp_308100.1;Name=82908074-d5cb-43d1-acc4-
d6dce9e6a497
SM_V9_3 iris    exon    14079833        14079952        .       -
        .
Parent=Smp_308100.1;Name=ea4acfbc-19da-4080-8b87-16303f40a2a9
SM_V9_3 iris    exon    14079993        14080209        .       -
        .       Parent=Smp_308100.1;Name=36b155fa-5f45-4226-acbd-
ceae1eb03552
SM_V9_3 iris    CDS     13981363        13981479        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13985715        13985891        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13986601        13986685        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13988235        13988341        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13989796        13989886        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13991118        13991279        .       -
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        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13992497        13992974        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13994950        13995564        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13995982        13996183        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     13996936        13997190        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14000496        14000846        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14001597        14001874        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14003759        14004077        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14004353        14004913        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14005228        14005552        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14006685        14006802        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14007141        14007252        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14008916        14009620        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14011518        14011610        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14012283        14012471        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14014550        14014688        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14015451        14015847        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14020186        14020453        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14021478        14021598        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14022291        14022401        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14024255        14024461        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14025767        14026012        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14027125        14027343        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14030805        14030926        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14032609        14032668        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14037831        14038061        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14039710        14039887        .       -
        1       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14041768        14041837        .       -
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        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14048261        14048372        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14050933        14051042        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14054305        14054623        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14062896        14063126        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14064773        14064906        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14073037        14073148        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14075710        14075819        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14079082        14079400        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14079433        14079479        .       -
        2       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14079511        14079604        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14079639        14079800        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14079833        14079952        .       -
        0       Parent=Smp_308100.1
SM_V9_3 iris    CDS     14079993        14080133        .       -
        0       Parent=Smp_308100.1
SM_V9_3 Liftoff gene    14107477        14175672        .       -
        .
ID=Smp_308110;geneID=Smp_308110;previous_systematic_id=Smp_099800,Sm
p_099810,Smp_176890
SM_V9_3 Liftoff mRNA    14107477        14175672        .       -
        .
ID=Smp_308110.1;Parent=Smp_308110;geneID=Smp_308110;product=Telomera
se protein component
1;polypeptide_domain=InterPro:IPR001680,IPR008858,IPR011042,IPR01594
3,IPR017986,IPR019775,IPR025139,IPR027417
Pfam:PF00400,PF05731,PF13271;Ontology_term=GO:0003723,GO:0005515
SM_V9_3 Liftoff exon    14107477        14107868        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14111897        14112073        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14112802        14112886        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14114432        14114538        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14115997        14116087        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14117318        14117479        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14118696        14119173        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14121137        14121751        .       -
        .       Parent=Smp_308110.1
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SM_V9_3 Liftoff exon    14122168        14122369        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14123117        14123371        .       -
        .       Parent=Smp_308110.1
SM_V9_3 Liftoff exon    14125987        14126337        .       -
        .       Parent=Smp_308110.1
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SM_V9_3 Liftoff exon    14137699        14137887        .       -
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SM_V9_3 Liftoff exon    14139966        14140104        .       -
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SM_V9_3 Liftoff exon    14140849        14141245        .       -
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SM_V9_3 Liftoff exon    14148760        14148966        .       -
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SM_V9_3 Liftoff exon    14151629        14151847        .       -
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SM_V9_3 Liftoff exon    14157097        14157156        .       -
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SM_V9_3 Liftoff exon    14161797        14161866        .       -
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SM_V9_3 Liftoff exon    14174933        14174979        .       -
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SM_V9_3 Liftoff CDS     14107752        14107868        .       -
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SM_V9_3 Liftoff CDS     14118696        14119173        .       -
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        0       Parent=Smp_308110.1
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SM_V9_3 Liftoff CDS     14125987        14126337        .       -
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SM_V9_3 Liftoff CDS     14127069        14127346        .       -
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SM_V9_3 Liftoff CDS     14128962        14129280        .       -
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SM_V9_3 Liftoff CDS     14130146        14130706        .       -
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SM_V9_3 Liftoff CDS     14131021        14131345        .       -
        1       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14132104        14132221        .       -
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SM_V9_3 Liftoff CDS     14132560        14132671        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14134335        14135039        .       -
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SM_V9_3 Liftoff CDS     14136934        14137026        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14137699        14137887        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14139966        14140104        .       -
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SM_V9_3 Liftoff CDS     14146225        14146345        .       -
        1       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14147039        14147149        .       -
        1       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14148760        14148966        .       -
        1       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14150271        14150516        .       -
        1       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14151629        14151847        .       -
        1       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14155293        14155414        .       -
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SM_V9_3 Liftoff CDS     14157097        14157156        .       -
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SM_V9_3 Liftoff CDS     14158151        14158381        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14160028        14160205        .       -
        1       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14161797        14161866        .       -
        2       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14168292        14168403        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14171149        14171258        .       -
        2       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14174582        14174900        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14174933        14174979        .       -
        2       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14175011        14175104        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14175139        14175300        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14175333        14175452        .       -
        0       Parent=Smp_308110.1
SM_V9_3 Liftoff CDS     14175493        14175633        .       -
        0       Parent=Smp_308110.1
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        .       ID=Smp_176910;geneID=Smp_176910
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SM_V9_3 Liftoff exon    14185187        14186041        .       +
        .       Parent=Smp_176910.1
SM_V9_3 Liftoff CDS     14185531        14185776        .       +
        0       Parent=Smp_176910.1
SM_V9_3 iris    gene    14230370        14386261        .       -
        .
ID=Smp_246970;geneID=Smp_246970;gene_name=Smp_246970;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
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6970;owner=irisadmin@local.host;orig_id=Smp_246970.2;date_last_modif
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containing family G member 7;date_creation=2022-07-26
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c210df19643b
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SM_V9_3 iris    exon    14247378        14248384        .       -
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SM_V9_3 iris    exon    14249930        14250027        .       -
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SM_V9_3 iris    exon    14254337        14254463        .       -
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SM_V9_3 iris    exon    14257893        14258102        .       -
       .       Parent=Smp_246970.2;Name=7a6a858b-ade9-441a-
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SM_V9_3 iris    exon    14259821        14259995        .       -
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SM_V9_3 iris    exon    14264928        14265029        .       -
       .       Parent=Smp_246970.2;Name=2031e990-70f8-4e24-
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SM_V9_3 iris    exon    14265614        14265709        .       -
       .       Parent=Smp_246970.2;Name=3eefb0ce-437f-44e7-a89d-
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SM_V9_3 iris    exon    14273253        14273345        .       -
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SM_V9_3 iris    exon    14275285        14275319        .       -
       .       Parent=Smp_246970.2;Name=062470c0-ac27-41b5-a546-
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SM_V9_3 iris    exon    14280190        14280338        .       -
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SM_V9_3 iris    CDS     14247378        14248384        .       -
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SM_V9_3 iris    CDS     14249930        14250027        .       -
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SM_V9_3 iris    CDS     14256450        14256532        .       -
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SM_V9_3 iris    CDS     14257893        14258102        .       -
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SM_V9_3 iris    CDS     14259821        14259995        .       -
        0       Parent=Smp_246970.2
SM_V9_3 iris    CDS     14262672        14262788        .       -
        0       Parent=Smp_246970.2
SM_V9_3 iris    CDS     14264928        14265029        .       -
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SM_V9_3 iris    CDS     14265614        14265709        .       -
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SM_V9_3 iris    CDS     14266774        14266917        .       -
        0       Parent=Smp_246970.2
SM_V9_3 iris    CDS     14273253        14273345        .       -
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SM_V9_3 iris    CDS     14275285        14275319        .       -
        2       Parent=Smp_246970.2
SM_V9_3 iris    CDS     14280190        14280338        .       -
        1       Parent=Smp_246970.2
SM_V9_3 iris    CDS     14283858        14283922        .       -
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SM_V9_3 iris    exon    14247378        14248384        .       -
        .       Parent=Smp_246970.1;Name=b65c4dbd-b898-421a-b459-
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SM_V9_3 iris    exon    14257893        14258102        .       -
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SM_V9_3 iris    CDS     14247378        14248384        .       -
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SM_V9_3 iris    CDS     14249930        14250027        .       -
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SM_V9_3 iris    CDS     14256450        14256532        .       -
        2       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14257893        14258102        .       -
        2       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14259821        14259995        .       -
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SM_V9_3 iris    CDS     14262672        14262788        .       -
        0       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14264928        14265029        .       -
        0       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14265614        14265709        .       -
        0       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14266774        14266917        .       -
        0       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14273253        14273345        .       -
        0       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14275285        14275319        .       -
        2       Parent=Smp_246970.1
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SM_V9_3 iris    CDS     14283858        14283922        .       -
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        0       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14327729        14327769        .       -
        2       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14343804        14344231        .       -
        1       Parent=Smp_246970.1
SM_V9_3 iris    CDS     14385583        14385983        .       -
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        .
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SM_V9_3 Liftoff exon    14408421        14415613        .       -
        .       Parent=Smp_192780.1
SM_V9_3 Liftoff CDS     14408515        14408730        .       -
        0       Parent=Smp_192780.1
SM_V9_3 Liftoff gene    14448540        14453293        .       -
        .       ID=Smp_082410;geneID=Smp_082410
SM_V9_3 Liftoff mRNA    14448540        14453293        .       -
        .
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SM_V9_3 Liftoff exon    14448540        14448840        .       -
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SM_V9_3 Liftoff exon    14452720        14453293        .       -
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SM_V9_3 Liftoff CDS     14448632        14448840        .       -
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SM_V9_3 iris    gene    14458142        14469323        .       -
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    14458142        14469323        .       -
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ID=Smp_308145.1;Parent=Smp_308145;geneID=Smp_308145;gene_name=Smp_30
8145;owner=irisadmin@local.host;orig_id=Smp_308140.3;date_last_modif
ied=2022-07-26;Name=Smp_308145.1;date_creation=2022-07-26
SM_V9_3 iris    exon    14458142        14458553        .       -
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c570-44a0-85e8-3bd8ff411624
SM_V9_3 iris    exon    14459307        14459453        .       -
        .       Parent=Smp_308145.1;Name=3f590367-f2b4-4a55-
bc56-176b09743856
SM_V9_3 iris    exon    14460155        14460266        .       -
        .       Parent=Smp_308145.1;Name=12ca1228-e9d7-4a80-a916-
c682c4ed7f16
SM_V9_3 iris    exon    14461058        14461128        .       -
        .       Parent=Smp_308145.1;Name=731aa843-7bcf-42ad-b3f8-
e1f168b69c28
SM_V9_3 iris    exon    14464803        14464917        .       -
        .
Parent=Smp_308145.1;Name=eb4e5279-0edf-454d-83a9-2c2976d102d1
SM_V9_3 iris    exon    14468119        14468268        .       -
        .
Parent=Smp_308145.1;Name=09438527-9050-4bf8-871a-02f9a7f8976d
SM_V9_3 iris    exon    14469188        14469323        .       -
        .       Parent=Smp_308145.1;Name=a425dc6b-de84-49f7-9378-
feb39b205692
SM_V9_3 iris    CDS     14458408        14458553        .       -
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SM_V9_3 iris    CDS     14459307        14459453        .       -
        2       Parent=Smp_308145.1
SM_V9_3 iris    CDS     14460155        14460266        .       -
        0       Parent=Smp_308145.1
SM_V9_3 iris    CDS     14461058        14461128        .       -
        2       Parent=Smp_308145.1
SM_V9_3 iris    CDS     14464803        14464917        .       -
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SM_V9_3 iris    CDS     14468119        14468268        .       -
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SM_V9_3 iris    CDS     14469188        14469307        .       -
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SM_V9_3 iris    gene    14472348        14493823        .       -
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ID=Smp_308140.1;Parent=Smp_308140;geneID=Smp_308140;gene_name=Smp_30
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Parent=Smp_308140.1;Name=fb7c0aa7-3ecb-41a2-881b-807d044fc21b
SM_V9_3 iris    exon    14476988        14477134        .       -
        .       Parent=Smp_308140.1;Name=e8af5cb2-9e41-4dfd-
afa3-52bf22e9869f
SM_V9_3 iris    exon    14481450        14481591        .       -
        .       Parent=Smp_308140.1;Name=bdc17390-650c-43d9-
a5e9-699410d6d52b
SM_V9_3 iris    exon    14482529        14482599        .       -
        .       Parent=Smp_308140.1;Name=ab69f147-c4c3-4794-a786-
f3d8ed53a169
SM_V9_3 iris    exon    14486763        14486877        .       -
        .       Parent=Smp_308140.1;Name=3c897523-6e01-4189-
bb7a-4cd68677869f
SM_V9_3 iris    exon    14492559        14492708        .       -
        .       Parent=Smp_308140.1;Name=2c6b3787-5e0b-49bc-84cd-
b374bdea3894
SM_V9_3 iris    exon    14493651        14493823        .       -
        .       Parent=Smp_308140.1;Name=5722d7fb-1250-45e8-938a-
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SM_V9_3 iris    CDS     14472492        14472637        .       -
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SM_V9_3 iris    CDS     14476988        14477134        .       -
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SM_V9_3 iris    CDS     14481450        14481591        .       -
        0       Parent=Smp_308140.1
SM_V9_3 iris    CDS     14482529        14482599        .       -
        2       Parent=Smp_308140.1
SM_V9_3 iris    CDS     14486763        14486877        .       -
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SM_V9_3 iris    CDS     14492559        14492708        .       -
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SM_V9_3 iris    CDS     14493651        14493770        .       -
        0       Parent=Smp_308140.1
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        .
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cabin-1;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734;On
tology_term=GO:0005515
SM_V9_3 Liftoff exon    14495367        14495644        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14497646        14498174        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14500911        14501074        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14501985        14502161        .       -
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SM_V9_3 Liftoff exon    14512200        14512519        .       -
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SM_V9_3 Liftoff exon    14514446        14514639        .       -
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SM_V9_3 Liftoff exon    14515774        14516295        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14517660        14517821        .       -
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SM_V9_3 Liftoff exon    14520227        14520338        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14523028        14523090        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14524089        14524231        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14525904        14526002        .       -
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SM_V9_3 Liftoff exon    14528560        14529412        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14531269        14531757        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14532783        14533165        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14534579        14534718        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14536080        14536155        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14538100        14538170        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14539800        14539906        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14540493        14540786        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14541646        14541784        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14543889        14544007        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14546705        14546904        .       -
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SM_V9_3 Liftoff exon    14548624        14548938        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14550671        14550728        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14552909        14553021        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14555311        14555356        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14555397        14555526        .       -
        .       Parent=Smp_166780.1
SM_V9_3 Liftoff exon    14557042        14557222        .       -
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SM_V9_3 Liftoff exon    14559673        14559780        .       -
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SM_V9_3 Liftoff exon    14561425        14561547        .       -
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SM_V9_3 Liftoff CDS     14495540        14495644        .       -
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SM_V9_3 Liftoff CDS     14497646        14498174        .       -
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SM_V9_3 Liftoff CDS     14500911        14501074        .       -
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SM_V9_3 Liftoff CDS     14508669        14508793        .       -
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SM_V9_3 Liftoff CDS     14514446        14514639        .       -
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SM_V9_3 Liftoff CDS     14515774        14516295        .       -
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SM_V9_3 Liftoff CDS     14520227        14520338        .       -
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        1       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14524089        14524231        .       -
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SM_V9_3 Liftoff CDS     14525904        14526002        .       -
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SM_V9_3 Liftoff CDS     14528560        14529412        .       -
        1       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14531269        14531757        .       -
        1       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14532783        14533165        .       -
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SM_V9_3 Liftoff CDS     14534579        14534718        .       -
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SM_V9_3 Liftoff CDS     14536080        14536155        .       -
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SM_V9_3 Liftoff CDS     14538100        14538170        .       -
        2       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14539800        14539906        .       -
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SM_V9_3 Liftoff CDS     14540493        14540786        .       -
        1       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14541646        14541784        .       -
        2       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14543889        14544007        .       -
        1       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14546705        14546904        .       -
        0       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14548624        14548938        .       -
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SM_V9_3 Liftoff CDS     14550671        14550728        .       -
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        0       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14555311        14555356        .       -
        1       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14555397        14555526        .       -
        2       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14557042        14557222        .       -
        0       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14559673        14559780        .       -
        0       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14561425        14561547        .       -
        0       Parent=Smp_166780.1
SM_V9_3 Liftoff CDS     14561796        14562146        .       -
        0       Parent=Smp_166780.1
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SM_V9_3 iris    mRNA    14580155        14597150        .       +
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ID=Smp_166790.1;Parent=Smp_166790;geneID=Smp_166790;gene_name=Smp_16
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ZIP13;date_creation=2022-07-26
SM_V9_3 iris    exon    14580155        14580356        .       +
        .       Parent=Smp_166790.1;Name=6b13a69b-0b76-4ce5-
bfd1-76760de757e5
SM_V9_3 iris    exon    14580391        14580483        .       +
        .       Parent=Smp_166790.1;Name=a47b0b8f-6fdc-4eaf-
b58f-66cf1fb776fa
SM_V9_3 iris    exon    14580547        14580650        .       +
        .
Parent=Smp_166790.1;Name=df95a44a-9969-4103-8870-9a8055ba2500
SM_V9_3 iris    exon    14582528        14582617        .       +
        .       Parent=Smp_166790.1;Name=ad157e2c-3dd1-4d14-
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SM_V9_3 iris    exon    14587229        14587342        .       +
        .
Parent=Smp_166790.1;Name=2a4895e7-465b-4baf-9c5c-661c33beb3ce
SM_V9_3 iris    exon    14589374        14589440        .       +
        .       Parent=Smp_166790.1;Name=54d15d42-
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SM_V9_3 iris    exon    14594858        14594957        .       +
        .       Parent=Smp_166790.1;Name=a0a1217a-cae3-4e35-
aff7-3e09673e39d6
SM_V9_3 iris    exon    14595796        14597150        .       +
        .
Parent=Smp_166790.1;Name=583f6e50-7a3b-4beb-98d6-7337b3833b37
SM_V9_3 iris    CDS     14580218        14580356        .       +
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SM_V9_3 iris    CDS     14580391        14580483        .       +
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SM_V9_3 iris    CDS     14580547        14580650        .       +
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SM_V9_3 iris    CDS     14582528        14582617        .       +
        0       Parent=Smp_166790.1
SM_V9_3 iris    CDS     14587229        14587342        .       +
        0       Parent=Smp_166790.1
SM_V9_3 iris    CDS     14589374        14589440        .       +
        0       Parent=Smp_166790.1
SM_V9_3 iris    CDS     14594858        14594957        .       +
        2       Parent=Smp_166790.1
SM_V9_3 iris    CDS     14595796        14595871        .       +
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SM_V9_3 iris    gene    14610772        14625011        .       -
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SM_V9_3 iris    mRNA    14610772        14625011        .       -
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ID=Smp_166800.1;Parent=Smp_166800;geneID=Smp_166800;gene_name=Smp_16
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        .
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SM_V9_3 iris    exon    14618262        14618480        .       -
        .       Parent=Smp_166800.1;Name=45b848b0-b449-4a54-b401-
e15c104305f1
SM_V9_3 iris    exon    14620060        14620173        .       -
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a409-8ac880ab5360
SM_V9_3 iris    exon    14620217        14620260        .       -
        .       Parent=Smp_166800.1;Name=c514b63c-341e-4c4f-a28c-
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SM_V9_3 iris    exon    14621834        14621938        .       -
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b508-864ac3230b48
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SM_V9_3 iris    CDS     14613328        14613567        .       -
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SM_V9_3 iris    CDS     14617104        14617223        .       -
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SM_V9_3 iris    CDS     14618262        14618480        .       -
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SM_V9_3 iris    CDS     14620060        14620173        .       -
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SM_V9_3 iris    CDS     14621834        14621888        .       -
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SM_V9_3 Liftoff gene    14639905        14683765        .       +
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SM_V9_3 Liftoff mRNA    14639905        14683765        .       +
        .
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CIP2A
SM_V9_3 Liftoff exon    14639905        14651493        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14651808        14651952        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14651990        14652093        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14652136        14652333        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14652370        14652489        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14653859        14654010        .       +
        .       Parent=Smp_166820.1
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        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14661341        14661574        .       +
        .       Parent=Smp_166820.1
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        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14668327        14668695        .       +
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        .       Parent=Smp_166820.1
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SM_V9_3 Liftoff exon    14677038        14677240        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14679064        14679125        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14680800        14680939        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff exon    14683482        14683765        .       +
        .       Parent=Smp_166820.1
SM_V9_3 Liftoff CDS     14651413        14651493        .       +
        0       Parent=Smp_166820.1
SM_V9_3 Liftoff CDS     14651808        14651952        .       +
        0       Parent=Smp_166820.1
SM_V9_3 Liftoff CDS     14651990        14652093        .       +
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SM_V9_3 Liftoff CDS     14652136        14652333        .       +
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SM_V9_3 Liftoff CDS     14653859        14654010        .       +
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SM_V9_3 Liftoff CDS     14661341        14661574        .       +
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SM_V9_3 Liftoff CDS     14668327        14668695        .       +
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        1       Parent=Smp_166820.1
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        0       Parent=Smp_166820.1
SM_V9_3 Liftoff CDS     14677038        14677240        .       +
        0       Parent=Smp_166820.1
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SM_V9_3 Liftoff CDS     14680800        14680939        .       +
        2       Parent=Smp_166820.1
SM_V9_3 Liftoff CDS     14683482        14683685        .       +
        0       Parent=Smp_166820.1
SM_V9_3 Liftoff gene    14692675        14696698        .       +
        .       ID=Smp_166830;geneID=Smp_166830
SM_V9_3 Liftoff mRNA    14692675        14696698        .       +
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methyltransferase;polypeptide_domain=InterPro:IPR013216,IPR022238,IP
R029063 Pfam:PF08241,PF12589;Ontology_term=GO:0008152,GO:0008168
SM_V9_3 Liftoff exon    14692675        14694065        .       +
        .       Parent=Smp_166830.1
SM_V9_3 Liftoff exon    14694099        14694136        .       +
        .       Parent=Smp_166830.1
SM_V9_3 Liftoff exon    14694171        14694266        .       +
        .       Parent=Smp_166830.1
SM_V9_3 Liftoff exon    14694304        14694717        .       +
        .       Parent=Smp_166830.1
SM_V9_3 Liftoff exon    14695824        14696698        .       +
        .       Parent=Smp_166830.1
SM_V9_3 Liftoff CDS     14694024        14694065        .       +
        0       Parent=Smp_166830.1
SM_V9_3 Liftoff CDS     14694099        14694136        .       +
        0       Parent=Smp_166830.1
SM_V9_3 Liftoff CDS     14694171        14694266        .       +
        1       Parent=Smp_166830.1
SM_V9_3 Liftoff CDS     14694304        14694717        .       +
        1       Parent=Smp_166830.1
SM_V9_3 Liftoff CDS     14695824        14696067        .       +
        1       Parent=Smp_166830.1
SM_V9_3 Liftoff gene    14699962        14701631        .       -
        .       ID=Smp_082490;geneID=Smp_082490
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        .       Parent=Smp_082490.1
SM_V9_3 Liftoff exon    14700331        14700594        .       -
        .       Parent=Smp_082490.1
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        .       Parent=Smp_082490.1
SM_V9_3 Liftoff exon    14700903        14701300        .       -
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SM_V9_3 Liftoff exon    14701336        14701513        .       -
        .       Parent=Smp_082490.1
SM_V9_3 Liftoff exon    14701550        14701631        .       -
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SM_V9_3 Liftoff CDS     14701336        14701513        .       -
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ID=Smp_345670;geneID=Smp_345670;previous_systematic_id=Smp_166840
SM_V9_3 Liftoff mRNA    14713575        14775575        .       +
        .
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1;polypeptide_domain=InterPro:IPR001487,IPR022591
Pfam:PF00439,PF12157,PF15288;Ontology_term=GO:0005515
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        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14718327        14718659        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14721705        14722030        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14723033        14723353        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14724365        14724768        .       +
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SM_V9_3 Liftoff exon    14725725        14725927        .       +
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        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14729134        14729480        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14730042        14730258        .       +
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SM_V9_3 Liftoff exon    14738449        14738771        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14742453        14742918        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14746739        14747134        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14749218        14749398        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14752471        14752892        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14755120        14755434        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14756887        14757085        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14759029        14759258        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14760933        14761177        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14762685        14763355        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14766525        14766961        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14772373        14772582        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff exon    14775043        14775575        .       +
        .       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14716204        14716560        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14718327        14718659        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14721705        14722030        .       +
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SM_V9_3 Liftoff CDS     14723033        14723353        .       +
        1       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14724365        14724768        .       +
        1       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14725725        14725927        .       +
        2       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14727491        14728279        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14729134        14729480        .       +
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SM_V9_3 Liftoff CDS     14730042        14730258        .       +
        1       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14731970        14732149        .       +
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SM_V9_3 Liftoff CDS     14733874        14734216        .       +
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SM_V9_3 Liftoff CDS     14738449        14738771        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14742453        14742918        .       +
        1       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14746739        14747134        .       +
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SM_V9_3 Liftoff CDS     14749218        14749398        .       +
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SM_V9_3 Liftoff CDS     14752471        14752892        .       +
        2       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14755120        14755434        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14756887        14757085        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14759029        14759258        .       +
        2       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14760933        14761177        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14762685        14763355        .       +
        1       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14766525        14766961        .       +
        2       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14772373        14772582        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff CDS     14775043        14775264        .       +
        0       Parent=Smp_345670.1
SM_V9_3 Liftoff mRNA    14713575        14775575        .       +
        .
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Pfam:PF00439,PF12157,PF15288;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    14713575        14716548        .       +
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SM_V9_3 Liftoff exon    14718327        14718659        .       +
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SM_V9_3 Liftoff exon    14721705        14722030        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14723033        14723353        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14724365        14724768        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14725725        14725927        .       +
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SM_V9_3 Liftoff exon    14727491        14728279        .       +
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SM_V9_3 Liftoff exon    14729134        14729480        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14730042        14730258        .       +
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SM_V9_3 Liftoff exon    14731970        14732149        .       +
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        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14738449        14738771        .       +
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        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14749218        14749398        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14752471        14752892        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14755120        14755434        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14756887        14757085        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14759029        14759258        .       +
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SM_V9_3 Liftoff exon    14760933        14761177        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14762685        14763355        .       +
        .       Parent=Smp_345670.2
SM_V9_3 Liftoff exon    14766525        14766961        .       +
        .       Parent=Smp_345670.2
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SM_V9_3 Liftoff CDS     14721705        14722030        .       +
        0       Parent=Smp_345670.2
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        1       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14724365        14724768        .       +
        1       Parent=Smp_345670.2
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        2       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14727491        14728279        .       +
        0       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14729134        14729480        .       +
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SM_V9_3 Liftoff CDS     14731970        14732149        .       +
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SM_V9_3 Liftoff CDS     14733874        14734216        .       +
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SM_V9_3 Liftoff CDS     14735827        14736035        .       +
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SM_V9_3 Liftoff CDS     14746739        14747134        .       +
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SM_V9_3 Liftoff CDS     14749218        14749398        .       +
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        0       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14756887        14757085        .       +
        0       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14759029        14759258        .       +
        2       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14760933        14761177        .       +
        0       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14762685        14763355        .       +
        1       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14766525        14766961        .       +
        2       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14772373        14772582        .       +
        0       Parent=Smp_345670.2
SM_V9_3 Liftoff CDS     14775043        14775264        .       +
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        .
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    14838515        14871994        .       +
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kinase NLK2;date_creation=2022-07-26
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        .       Parent=Smp_074080.1;Name=4007de48-8461-4809-9114-
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        .
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        .
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        .       Parent=Smp_074080.1;Name=090c386a-bc06-47b9-a14e-
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SM_V9_3 iris    exon    14856363        14856551        .       +
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        .       Parent=Smp_074080.1;Name=e0b53b98-ef6b-4544-9bd2-
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        .       Parent=Smp_074080.1;Name=60b49668-
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SM_V9_3 iris    CDS     14846339        14846468        .       +
        1       Parent=Smp_074080.1
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        1       Parent=Smp_074080.1
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        .       Parent=Smp_074070.1
SM_V9_3 Liftoff exon    14940954        14941002        .       -
        .       Parent=Smp_074070.1
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        .       Parent=Smp_074070.1
SM_V9_3 Liftoff exon    14948175        14948206        .       -
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        .       Parent=Smp_074070.1
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        .       Parent=Smp_074070.1
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        .       Parent=Smp_074070.1
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        .       Parent=Smp_074070.1
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SM_V9_3 Liftoff CDS     14932910        14933095        .       -
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SM_V9_3 Liftoff CDS     14940954        14941002        .       -
        2       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14945943        14946191        .       -
        2       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14948175        14948206        .       -
        1       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14949879        14950100        .       -
        1       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14951573        14951900        .       -
        2       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14954283        14954333        .       -
        2       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14954365        14954497        .       -
        0       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14954534        14954758        .       -
        0       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14954794        14954895        .       -
        0       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14954935        14955027        .       -
        0       Parent=Smp_074070.1
SM_V9_3 Liftoff CDS     14957511        14957561        .       -
        0       Parent=Smp_074070.1
SM_V9_3 Liftoff gene    14959838        14966692        .       +
        .
ID=Smp_341170;geneID=Smp_341170;previous_systematic_id=Smp_074060
SM_V9_3 Liftoff mRNA    14959838        14966692        .       +
        .
ID=Smp_341170.1;Parent=Smp_341170;geneID=Smp_341170;product=Dual-
specificity RNA methyltransferase RlmN
SM_V9_3 Liftoff exon    14959838        14962533        .       +
        .       Parent=Smp_341170.1
SM_V9_3 Liftoff exon    14962571        14962759        .       +
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SM_V9_3 Liftoff exon    14962795        14962927        .       +
        .       Parent=Smp_341170.1
SM_V9_3 Liftoff exon    14964569        14966692        .       +
        .       Parent=Smp_341170.1
SM_V9_3 Liftoff CDS     14962360        14962533        .       +
        0       Parent=Smp_341170.1
SM_V9_3 Liftoff CDS     14962571        14962759        .       +
        0       Parent=Smp_341170.1
SM_V9_3 Liftoff CDS     14962795        14962927        .       +
        0       Parent=Smp_341170.1
SM_V9_3 Liftoff CDS     14964569        14964576        .       +
        2       Parent=Smp_341170.1
SM_V9_3 Liftoff gene    14968866        14981288        .       -
        .       ID=Smp_074050;geneID=Smp_074050
SM_V9_3 Liftoff mRNA    14968866        14981288        .       -
        .
ID=Smp_074050.1;Parent=Smp_074050;geneID=Smp_074050;product=Scm-like
with four MBT domains protein
2;polypeptide_domain=InterPro:IPR004092,IPR013761,IPR021987
Pfam:PF02820,PF12140;Ontology_term=GO:0005634,GO:0006355
SM_V9_3 Liftoff exon    14968866        14970340        .       -
        .       Parent=Smp_074050.1
SM_V9_3 Liftoff exon    14970343        14970465        .       -
        .       Parent=Smp_074050.1
SM_V9_3 Liftoff exon    14973100        14973501        .       -
        .       Parent=Smp_074050.1
SM_V9_3 Liftoff exon    14975002        14976138        .       -
        .       Parent=Smp_074050.1
SM_V9_3 Liftoff exon    14979910        14980308        .       -
        .       Parent=Smp_074050.1
SM_V9_3 Liftoff exon    14980344        14981288        .       -
        .       Parent=Smp_074050.1
SM_V9_3 Liftoff CDS     14969255        14970340        .       -
        0       Parent=Smp_074050.1
SM_V9_3 Liftoff CDS     14970343        14970465        .       -
        0       Parent=Smp_074050.1
SM_V9_3 Liftoff CDS     14973100        14973501        .       -
        0       Parent=Smp_074050.1
SM_V9_3 Liftoff CDS     14975002        14976138        .       -
        0       Parent=Smp_074050.1
SM_V9_3 Liftoff CDS     14979910        14980308        .       -
        0       Parent=Smp_074050.1
SM_V9_3 Liftoff CDS     14980344        14980940        .       -
        0       Parent=Smp_074050.1
SM_V9_3 Liftoff gene    15006278        15014317        .       +
        .       ID=Smp_074040;geneID=Smp_074040
SM_V9_3 Liftoff mRNA    15006278        15014317        .       +
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finger protein 878;polypeptide_domain=InterPro:IPR013087
Pfam:PF13894;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    15006278        15010315        .       +
        .       Parent=Smp_074040.1
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SM_V9_3 Liftoff exon    15012453        15014317        .       +
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SM_V9_3 Liftoff CDS     15010125        15010315        .       +
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SM_V9_3 Liftoff CDS     15012453        15013392        .       +
        1       Parent=Smp_074040.1
SM_V9_3 Liftoff gene    15020679        15094654        .       -
        .
ID=Smp_341160;geneID=Smp_341160;previous_systematic_id=Smp_074030
SM_V9_3 Liftoff mRNA    15020679        15094654        .       -
        .
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Statement;literature=PMID:12554084;polypeptide_domain=InterPro:IPR00
0494,IPR000719,IPR001245,IPR003961,IPR006211,IPR006212,IPR008266,IPR
009030,IPR011009,IPR013783,IPR020635,IPR032675
Pfam:PF00757,PF01030,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:
0004714,GO:0005515,GO:0005524,GO:0006468,GO:0007169,GO:0016020
SM_V9_3 Liftoff exon    15020679        15020889        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15023923        15024066        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15026520        15026649        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15028479        15028719        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15030824        15030940        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15034352        15034640        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15038730        15038817        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15048710        15048938        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15054407        15054856        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15056131        15056354        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15057111        15057166        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15058252        15058594        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15061458        15061628        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15063321        15063535        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15067285        15067332        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15069189        15069318        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15071614        15071834        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15073966        15074131        .       -
        .       Parent=Smp_341160.1
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SM_V9_3 Liftoff exon    15075825        15075923        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15081042        15081234        .       -
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SM_V9_3 Liftoff exon    15088903        15089081        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15090978        15091568        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff exon    15094422        15094654        .       -
        .       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15020781        15020889        .       -
        1       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15023923        15024066        .       -
        1       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15026520        15026649        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15028479        15028719        .       -
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SM_V9_3 Liftoff CDS     15030824        15030940        .       -
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SM_V9_3 Liftoff CDS     15034352        15034640        .       -
        1       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15038730        15038817        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15048710        15048938        .       -
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SM_V9_3 Liftoff CDS     15054407        15054856        .       -
        0       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15056131        15056354        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15057111        15057166        .       -
        1       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15058252        15058594        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15061458        15061628        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15063321        15063535        .       -
        1       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15067285        15067332        .       -
        1       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15069189        15069318        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15071614        15071834        .       -
        1       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15073966        15074131        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15075825        15075923        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15081042        15081234        .       -
        0       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15088903        15089081        .       -
        2       Parent=Smp_341160.1
SM_V9_3 Liftoff CDS     15090978        15091568        .       -
        2       Parent=Smp_341160.1
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SM_V9_3 Liftoff CDS     15094422        15094488        .       -
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SM_V9_3 Liftoff mRNA    15020679        15094654        .       -
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009030,IPR011009,IPR013783,IPR020635,IPR032675
Pfam:PF00757,PF01030,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:
0004714,GO:0005515,GO:0005524,GO:0006468,GO:0007169,GO:0016020
SM_V9_3 Liftoff exon    15020679        15020889        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15023923        15024066        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15026520        15026649        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15028479        15028719        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15030824        15030940        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15034352        15034640        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15038730        15038817        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15048710        15048938        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15054407        15054856        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15056125        15056354        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15057111        15057166        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15058252        15058594        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15061458        15061628        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15063321        15063535        .       -
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SM_V9_3 Liftoff exon    15067285        15067332        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15069189        15069318        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15071614        15071834        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15073966        15074131        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15075825        15075923        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15081042        15081234        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15088903        15089081        .       -
        .       Parent=Smp_341160.2
SM_V9_3 Liftoff exon    15090978        15091568        .       -
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        1       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15023923        15024066        .       -
        1       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15026520        15026649        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15028479        15028719        .       -
        0       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15030824        15030940        .       -
        0       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15034352        15034640        .       -
        1       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15038730        15038817        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15048710        15048938        .       -
        0       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15054407        15054856        .       -
        0       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15056125        15056354        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15057111        15057166        .       -
        1       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15058252        15058594        .       -
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SM_V9_3 Liftoff CDS     15061458        15061628        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15063321        15063535        .       -
        1       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15067285        15067332        .       -
        1       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15069189        15069318        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15071614        15071834        .       -
        1       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15073966        15074131        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15075825        15075923        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15081042        15081234        .       -
        0       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15088903        15089081        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15090978        15091568        .       -
        2       Parent=Smp_341160.2
SM_V9_3 Liftoff CDS     15094422        15094488        .       -
        0       Parent=Smp_341160.2
SM_V9_3 Liftoff gene    15104648        15131102        .       +
        .       ID=Smp_074020;geneID=Smp_074020
SM_V9_3 Liftoff mRNA    15104648        15131102        .       +
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ID=Smp_074020.1;Parent=Smp_074020;geneID=Smp_074020;product=AP-2
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09028,IPR011989,IPR013041,IPR016024,IPR017104
Pfam:PF01602,PF02296,PF02883;Ontology_term=GO:0005488,GO:0006886,GO:
0008565,GO:0015031,GO:0016020,GO:0016192,GO:0030117,GO:0030131
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        .       Parent=Smp_074020.1
SM_V9_3 Liftoff exon    15106155        15106256        .       +
        .       Parent=Smp_074020.1
SM_V9_3 Liftoff exon    15107032        15107140        .       +
        .       Parent=Smp_074020.1
SM_V9_3 Liftoff exon    15107238        15107557        .       +
        .       Parent=Smp_074020.1
SM_V9_3 Liftoff exon    15108402        15108722        .       +
        .       Parent=Smp_074020.1
SM_V9_3 Liftoff exon    15109902        15109999        .       +
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        .       Parent=Smp_074020.1
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        .       Parent=Smp_074020.1
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        .       Parent=Smp_074020.1
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        .       Parent=Smp_074020.1
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        .       Parent=Smp_074020.1
SM_V9_3 Liftoff exon    15123353        15123422        .       +
        .       Parent=Smp_074020.1
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SM_V9_3 Liftoff exon    15129888        15131102        .       +
        .       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15104697        15104829        .       +
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SM_V9_3 Liftoff CDS     15104862        15105004        .       +
        2       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15105037        15105230        .       +
        0       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15105263        15105392        .       +
        1       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15106155        15106256        .       +
        0       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15107032        15107140        .       +
        0       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15107238        15107557        .       +
        2       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15108402        15108722        .       +
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SM_V9_3 Liftoff CDS     15109902        15109999        .       +
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SM_V9_3 Liftoff CDS     15111151        15111382        .       +
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SM_V9_3 Liftoff CDS     15113832        15113975        .       +
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SM_V9_3 Liftoff CDS     15119247        15119558        .       +
        1       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15121049        15121165        .       +
        1       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15123353        15123422        .       +
        1       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15127099        15127233        .       +
        0       Parent=Smp_074020.1
SM_V9_3 Liftoff CDS     15129888        15129965        .       +
        0       Parent=Smp_074020.1
SM_V9_3 iris    gene    15132448        15145831        .       +
        .
ID=Smp_074010;geneID=Smp_074010;gene_name=Smp_074010;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    15132448        15145831        .       +
        .
ID=Smp_074010.1;Parent=Smp_074010;geneID=Smp_074010;gene_name=Smp_07
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ied=2022-07-26;Name=Smp_074010.1;product=N-glycosylase/DNA
lyase;date_creation=2022-07-26
SM_V9_3 iris    exon    15132448        15132527        .       +
        .
Parent=Smp_074010.1;Name=f2337148-2e81-4a70-8939-1173f86a1e07
SM_V9_3 iris    exon    15132774        15132859        .       +
        .       Parent=Smp_074010.1;Name=a08ead2c-cdd4-46da-b72c-
edb7d549b8aa
SM_V9_3 iris    exon    15135712        15136218        .       +
        .
Parent=Smp_074010.1;Name=48fb698b-2562-4fd5-8408-37c8cc0e369e
SM_V9_3 iris    exon    15138696        15138813        .       +
        .       Parent=Smp_074010.1;Name=3d9b5e1f-c7d8-4ead-
bff6-40712fef8f93
SM_V9_3 iris    exon    15141479        15141670        .       +
        .
Parent=Smp_074010.1;Name=fb418e07-55ae-45aa-99e7-758631d94e77
SM_V9_3 iris    exon    15144207        15144247        .       +
        .       Parent=Smp_074010.1;Name=85bf26ec-8579-4356-
a301-30d14d037834
SM_V9_3 iris    exon    15145431        15145831        .       +
        .       Parent=Smp_074010.1;Name=6ca21d7d-102e-4c2a-
bed4-3ad271ffec31
SM_V9_3 iris    CDS     15132525        15132527        .       +
        0       Parent=Smp_074010.1
SM_V9_3 iris    CDS     15132774        15132859        .       +
        0       Parent=Smp_074010.1
```

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SM_V9_3 iris    CDS     15135712        15136218        .       +
        1       Parent=Smp_074010.1
SM_V9_3 iris    CDS     15138696        15138813        .       +
        1       Parent=Smp_074010.1
SM_V9_3 iris    CDS     15141479        15141670        .       +
        0       Parent=Smp_074010.1
SM_V9_3 iris    CDS     15144207        15144247        .       +
        0       Parent=Smp_074010.1
SM_V9_3 iris    CDS     15145431        15145473        .       +
        1       Parent=Smp_074010.1
SM_V9_3 Liftoff gene    15160658        15172065        .       +
        .       ID=Smp_074000;geneID=Smp_074000
SM_V9_3 Liftoff mRNA    15160658        15172065        .       +
        .
ID=Smp_074000.1;Parent=Smp_074000;geneID=Smp_074000;product=Serine
protease HtrA-like;polypeptide_domain=InterPro:IPR022065
Pfam:PF12280
SM_V9_3 Liftoff exon    15160658        15160837        .       +
        .       Parent=Smp_074000.1
SM_V9_3 Liftoff exon    15162670        15162863        .       +
        .       Parent=Smp_074000.1
SM_V9_3 Liftoff exon    15162900        15162955        .       +
        .       Parent=Smp_074000.1
SM_V9_3 Liftoff exon    15163347        15163460        .       +
        .       Parent=Smp_074000.1
SM_V9_3 Liftoff exon    15164374        15164708        .       +
        .       Parent=Smp_074000.1
SM_V9_3 Liftoff exon    15171150        15172065        .       +
        .       Parent=Smp_074000.1
SM_V9_3 Liftoff CDS     15160727        15160837        .       +
        0       Parent=Smp_074000.1
SM_V9_3 Liftoff CDS     15162670        15162863        .       +
        0       Parent=Smp_074000.1
SM_V9_3 Liftoff CDS     15162900        15162955        .       +
        1       Parent=Smp_074000.1
SM_V9_3 Liftoff CDS     15163347        15163460        .       +
        2       Parent=Smp_074000.1
SM_V9_3 Liftoff CDS     15164374        15164708        .       +
        2       Parent=Smp_074000.1
SM_V9_3 Liftoff CDS     15171150        15171257        .       +
        0       Parent=Smp_074000.1
SM_V9_3 Liftoff gene    15178088        15208246        .       +
        .
ID=Smp_341150;geneID=Smp_341150;previous_systematic_id=Smp_073990
SM_V9_3 Liftoff mRNA    15178088        15208246        .       +
        .
ID=Smp_341150.1;Parent=Smp_341150;geneID=Smp_341150;product=Probable
tRNA(His)
guanylyltransferase;polypeptide_domain=InterPro:IPR007537,IPR024956,
IPR025845
Pfam:PF04446,PF14413;Ontology_term=GO:0000287,GO:0006400,GO:0008193
SM_V9_3 Liftoff exon    15178088        15178407        .       +
        .       Parent=Smp_341150.1
SM_V9_3 Liftoff exon    15185210        15185379        .       +
```

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        .       Parent=Smp_341150.1
SM_V9_3 Liftoff exon    15193811        15193899        .       +
        .       Parent=Smp_341150.1
SM_V9_3 Liftoff exon    15204107        15204214        .       +
        .       Parent=Smp_341150.1
SM_V9_3 Liftoff exon    15207880        15208246        .       +
        .       Parent=Smp_341150.1
SM_V9_3 Liftoff CDS     15178127        15178407        .       +
        0       Parent=Smp_341150.1
SM_V9_3 Liftoff CDS     15185210        15185379        .       +
        1       Parent=Smp_341150.1
SM_V9_3 Liftoff CDS     15193811        15193899        .       +
        2       Parent=Smp_341150.1
SM_V9_3 Liftoff CDS     15204107        15204214        .       +
        0       Parent=Smp_341150.1
SM_V9_3 Liftoff CDS     15207880        15207960        .       +
        0       Parent=Smp_341150.1
SM_V9_3 iris    gene    15219784        15229507        .       -
        .
ID=Smp_211140;geneID=Smp_211140;gene_name=Smp_211140;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    15219784        15229507        .       -
        .
ID=Smp_211140.1;Parent=Smp_211140;geneID=Smp_211140;gene_name=Smp_21
1140;owner=irisadmin@local.host;orig_id=Smp_211140.1;date_last_modif
ied=2022-07-26;Name=Smp_211140.1;product=39S ribosomal protein L22,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    15219784        15220205        .       -
        .       Parent=Smp_211140.1;Name=28c5cf88-8a98-48f2-
beb5-792f5831e661
SM_V9_3 iris    exon    15224947        15225016        .       -
        .       Parent=Smp_211140.1;Name=37fe2e03-f06b-44f5-
a14c-6995db5ba948
SM_V9_3 iris    exon    15227870        15227947        .       -
        .       Parent=Smp_211140.1;Name=e7001605-f6d3-4472-bef7-
d7ebb1a5e71e
SM_V9_3 iris    exon    15228747        15229507        .       -
        .       Parent=Smp_211140.1;Name=6297ad65-6b2f-4b1f-
bd0b-752c82418a57
SM_V9_3 iris    CDS     15219934        15220205        .       -
        2       Parent=Smp_211140.1
SM_V9_3 iris    CDS     15224947        15225016        .       -
        0       Parent=Smp_211140.1
SM_V9_3 iris    CDS     15227870        15227947        .       -
        0       Parent=Smp_211140.1
SM_V9_3 iris    CDS     15228747        15229064        .       -
        0       Parent=Smp_211140.1
SM_V9_3 iris    gene    15238381        15257831        .       -
        .
ID=Smp_211130;geneID=Smp_211130;gene_name=Smp_211130;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    15238381        15257831        .       -
        .
ID=Smp_211130.1;Parent=Smp_211130;geneID=Smp_211130;gene_name=Smp_21
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1130;owner=irisadmin@local.host;orig_id=Smp_211130.1;date_last_modif
ied=2022-07-26;Name=Smp_211130.1;product=Lysine-specific demethylase
5B-B;date_creation=2022-07-26
SM_V9_3 iris    exon    15238381        15239122        .       -
        .
Parent=Smp_211130.1;Name=14d01384-94cb-4df3-98cd-930ccedf3598
SM_V9_3 iris    exon    15240073        15240402        .       -
        .       Parent=Smp_211130.1;Name=b06f03f6-a364-4fab-a199-
f4eec644274b
SM_V9_3 iris    exon    15240903        15241084        .       -
        .       Parent=Smp_211130.1;Name=317d1267-fcbf-4941-a385-
ba97a31a2d09
SM_V9_3 iris    exon    15242817        15243051        .       -
        .       Parent=Smp_211130.1;Name=1b173069-8686-4160-
a003-17f67faf86b6
SM_V9_3 iris    exon    15244439        15244636        .       -
        .       Parent=Smp_211130.1;Name=25f358ab-f4b7-4103-
bbc8-3676d65d9563
SM_V9_3 iris    exon    15248624        15248895        .       -
        .       Parent=Smp_211130.1;Name=9e6dbc66-
b4d0-4cce-9e7e-64459f6d43d6
SM_V9_3 iris    exon    15250495        15250717        .       -
        .       Parent=Smp_211130.1;Name=417ddb33-9728-4ea0-a422-
fefe54a3f8f4
SM_V9_3 iris    exon    15251779        15251982        .       -
        .       Parent=Smp_211130.1;Name=ff97a534-1929-498e-a02c-
f8b3dcd1c23b
SM_V9_3 iris    exon    15254927        15255184        .       -
        .
Parent=Smp_211130.1;Name=b52e944c-2c8e-45b4-8a40-6f744b7170f3
SM_V9_3 iris    exon    15255226        15255402        .       -
        .       Parent=Smp_211130.1;Name=e4b9f009-bd24-4ce5-
b245-2929e6464e0c
SM_V9_3 iris    exon    15257785        15257831        .       -
        .
Parent=Smp_211130.1;Name=54c9adac-37b6-4a87-98c4-58e3df728dde
SM_V9_3 iris    CDS     15238904        15239122        .       -
        0       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15240073        15240402        .       -
        0       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15240903        15241084        .       -
        2       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15242817        15243051        .       -
        0       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15244439        15244636        .       -
        0       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15248624        15248895        .       -
        2       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15250495        15250717        .       -
        0       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15251779        15251982        .       -
        0       Parent=Smp_211130.1
SM_V9_3 iris    CDS     15254927        15255184        .       -
        0       Parent=Smp_211130.1
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SM_V9_3 iris    CDS     15255226        15255393        .       -
        0       Parent=Smp_211130.1
SM_V9_3 iris    gene    15269861        15299612        .       +
        .
ID=Smp_308260;geneID=Smp_308260;gene_name=Smp_308260;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_3 iris    mRNA    15269861        15299612        .       +
        .
ID=Smp_308260.1;Parent=Smp_308260;geneID=Smp_308260;gene_name=Smp_30
8260;owner=irisadmin@local.host;orig_id=Smp_308260.4;date_last_modif
ied=2022-08-15;Name=Smp_308260.1;product=DNA
ligase;date_creation=2022-08-15
SM_V9_3 iris    exon    15269861        15269937        .       +
        .       Parent=Smp_308260.1;Name=2401a72e-68c1-4ae4-
a036-1927c12f87c0
SM_V9_3 iris    exon    15273016        15273264        .       +
        .       Parent=Smp_308260.1;Name=a4bdf935-0a74-4e51-
af6d-5deb223770b9
SM_V9_3 iris    exon    15276488        15276599        .       +
        .       Parent=Smp_308260.1;Name=219baa65-fa50-4060-
b835-35ab1087ff6a
SM_V9_3 iris    exon    15281200        15281321        .       +
        .       Parent=Smp_308260.1;Name=ff88e9af-cd53-4d49-8975-
f62bfc4f459b
SM_V9_3 iris    exon    15282585        15282750        .       +
        .       Parent=Smp_308260.1;Name=ce24e00c-aba7-481f-a380-
ca3494930dde
SM_V9_3 iris    exon    15283635        15283716        .       +
        .       Parent=Smp_308260.1;Name=99db6ea2-3a3f-4069-a8f4-
e8bb6de2881a
SM_V9_3 iris    exon    15285637        15285843        .       +
        .       Parent=Smp_308260.1;Name=6177dc2a-
fa22-4507-8580-52a1087cb6c7
SM_V9_3 iris    exon    15288707        15288804        .       +
        .       Parent=Smp_308260.1;Name=2462d88d-
e483-45e4-8e5e-2927a2e1e8e8
SM_V9_3 iris    exon    15291054        15291322        .       +
        .       Parent=Smp_308260.1;Name=9bf0c415-acea-4350-
b954-229cc30ff3ff
SM_V9_3 iris    exon    15299188        15299612        .       +
        .       Parent=Smp_308260.1;Name=560ce56d-c1ac-4bee-
b8e1-3da418b366a7
SM_V9_3 iris    CDS     15273207        15273264        .       +
        0       Parent=Smp_308260.1
SM_V9_3 iris    CDS     15276488        15276599        .       +
        2       Parent=Smp_308260.1
SM_V9_3 iris    CDS     15281200        15281321        .       +
        1       Parent=Smp_308260.1
SM_V9_3 iris    CDS     15282585        15282750        .       +
        2       Parent=Smp_308260.1
SM_V9_3 iris    CDS     15283635        15283716        .       +
        1       Parent=Smp_308260.1
SM_V9_3 iris    CDS     15285637        15285843        .       +
        0       Parent=Smp_308260.1
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SM_V9_3 iris    CDS     15288707        15288804        .       +
        0       Parent=Smp_308260.1
SM_V9_3 iris    CDS     15291054        15291322        .       +
        1       Parent=Smp_308260.1
SM_V9_3 iris    CDS     15299188        15299255        .       +
        2       Parent=Smp_308260.1
SM_V9_3 iris    gene    15303398        15305914        .       +
        .
ID=Smp_308270;geneID=Smp_308270;gene_name=Smp_308270;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_3 iris    mRNA    15303398        15305914        .       +
        .
ID=Smp_308270.1;Parent=Smp_308270;geneID=Smp_308270;gene_name=Smp_30
8270;owner=irisadmin@local.host;orig_id=Smp_308270.1;date_last_modif
ied=2022-08-15;Name=Smp_308270.1;product=Zinc finger HIT domain-
containing protein 3 (Fragment);date_creation=2022-08-15
SM_V9_3 iris    exon    15303398        15305462        .       +
        .       Parent=Smp_308270.1;Name=285e9ecd-57c1-494a-
a253-7ca7a843ced0
SM_V9_3 iris    exon    15305496        15305635        .       +
        .       Parent=Smp_308270.1;Name=742879f6-c6f3-4d32-
b460-25ab5a727dc0
SM_V9_3 iris    exon    15305675        15305914        .       +
        .       Parent=Smp_308270.1;Name=9b44926f-095c-4bf5-8857-
c62515c3f317
SM_V9_3 iris    CDS     15305395        15305462        .       +
        0       Parent=Smp_308270.1
SM_V9_3 iris    CDS     15305496        15305635        .       +
        1       Parent=Smp_308270.1
SM_V9_3 iris    CDS     15305675        15305844        .       +
        2       Parent=Smp_308270.1
SM_V9_3 iris    gene    15306899        15328012        .       -
        .
ID=Smp_073940;geneID=Smp_073940;gene_name=Smp_073940;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_3 iris    mRNA    15306899        15328012        .       -
        .
ID=Smp_073940.1;Parent=Smp_073940;geneID=Smp_073940;gene_name=Smp_07
3940;owner=irisadmin@local.host;orig_id=Smp_073940.1;date_last_modif
ied=2022-08-15;Name=Smp_073940.1;product=Actin-interacting protein
1;date_creation=2022-08-15
SM_V9_3 iris    exon    15306899        15307212        .       -
        .       Parent=Smp_073940.1;Name=34c5bfe9-55c6-420a-
b2af-087ed8318bb7
SM_V9_3 iris    exon    15308539        15308731        .       -
        .       Parent=Smp_073940.1;Name=70d4535a-874e-4be0-b4f4-
be35d3866d7f
SM_V9_3 iris    exon    15312527        15312685        .       -
        .       Parent=Smp_073940.1;Name=34cf6592-86e3-4324-9427-
e0c0e805c99b
SM_V9_3 iris    exon    15316800        15317007        .       -
        .       Parent=Smp_073940.1;Name=bfb3c192-d5af-42f8-
bcf2-9388f157944b
SM_V9_3 iris    exon    15320137        15320492        .       -
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        .       Parent=Smp_073940.1;Name=12962d46-8f73-405e-a3e9-
ae07248c46b3
SM_V9_3 iris    exon    15326831        15327043        .       -
        .       Parent=Smp_073940.1;Name=1e737f92-10c1-475c-
ba86-2f4f0e1e4644
SM_V9_3 iris    exon    15327076        15327153        .       -
        .       Parent=Smp_073940.1;Name=78f68088-9372-46f0-
becc-05ba58d821b1
SM_V9_3 iris    exon    15327190        15327370        .       -
        .       Parent=Smp_073940.1;Name=49e4de71-
a606-4d8b-95c2-6537d522252a
SM_V9_3 iris    exon    15327406        15327553        .       -
        .       Parent=Smp_073940.1;Name=a900069f-ab44-4442-
a8a4-20a4bc3c3924
SM_V9_3 iris    exon    15327586        15327676        .       -
        .       Parent=Smp_073940.1;Name=aa436846-8a30-4ffa-8429-
bb6adccfffe5
SM_V9_3 iris    exon    15327709        15327830        .       -
        .
Parent=Smp_073940.1;Name=4ec0e81d-0b66-4daa-99cb-8c984d732c3d
SM_V9_3 iris    exon    15327867        15328012        .       -
        .       Parent=Smp_073940.1;Name=2122832d-689e-43bd-97f3-
d90da597a092
SM_V9_3 iris    CDS     15307112        15307212        .       -
        2       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15308539        15308731        .       -
        0       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15312527        15312685        .       -
        0       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15316800        15317007        .       -
        1       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15320137        15320492        .       -
        0       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15326831        15327043        .       -
        0       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15327076        15327153        .       -
        0       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15327190        15327370        .       -
        1       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15327406        15327553        .       -
        2       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15327586        15327676        .       -
        0       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15327709        15327830        .       -
        2       Parent=Smp_073940.1
SM_V9_3 iris    CDS     15327867        15327879        .       -
        0       Parent=Smp_073940.1
SM_V9_3 iris    gene    15337378        15352525        .       +
        .
ID=Smp_243630;geneID=Smp_243630;gene_name=Smp_243630;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_3 iris    mRNA    15337378        15352525        .       +
        .
ID=Smp_243630.1;Parent=Smp_243630;geneID=Smp_243630;gene_name=Smp_24
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3630;owner=irisadmin@local.host;orig_id=Smp_243630.1;date_last_modif
ied=2022-08-15;Name=Smp_243630.1;product=RAC serine/threonine-
protein kinase;date_creation=2022-08-15
SM_V9_3 iris    exon    15337378        15337583        .       +
        .       Parent=Smp_243630.1;Name=16b2751b-db0c-4810-9d88-
b7f8284858a6
SM_V9_3 iris    exon    15342486        15342933        .       +
        .
Parent=Smp_243630.1;Name=0c72a8e4-52b3-429d-9c14-354e7c03ef2c
SM_V9_3 iris    exon    15343681        15343952        .       +
        .       Parent=Smp_243630.1;Name=94a76921-c3ea-4693-8e90-
a7466bd9ae68
SM_V9_3 iris    exon    15345044        15345188        .       +
        .       Parent=Smp_243630.1;Name=9410a015-9253-40b4-
a13e-12c14bf3303d
SM_V9_3 iris    exon    15346008        15346258        .       +
        .       Parent=Smp_243630.1;Name=68d1cfb5-2b1b-4430-
a81a-0e864fe5b1f5
SM_V9_3 iris    exon    15346932        15347202        .       +
        .
Parent=Smp_243630.1;Name=903b9529-40ec-4206-8eb4-196b416be38c
SM_V9_3 iris    exon    15348433        15348599        .       +
        .       Parent=Smp_243630.1;Name=a62769a5-a7e0-40d0-9894-
f1941261808c
SM_V9_3 iris    exon    15351377        15352525        .       +
        .       Parent=Smp_243630.1;Name=e25f44f1-
d64e-4b8c-8981-64a9d28b08d3
SM_V9_3 iris    CDS     15342505        15342933        .       +
        0       Parent=Smp_243630.1
SM_V9_3 iris    CDS     15343681        15343952        .       +
        0       Parent=Smp_243630.1
SM_V9_3 iris    CDS     15345044        15345188        .       +
        1       Parent=Smp_243630.1
SM_V9_3 iris    CDS     15346008        15346258        .       +
        0       Parent=Smp_243630.1
SM_V9_3 iris    CDS     15346932        15347202        .       +
        1       Parent=Smp_243630.1
SM_V9_3 iris    CDS     15348433        15348599        .       +
        0       Parent=Smp_243630.1
SM_V9_3 iris    CDS     15351377        15351602        .       +
        1       Parent=Smp_243630.1
SM_V9_3 Liftoff gene    15355798        15358956        .       +
        .
ID=Smp_243140;geneID=Smp_243140;previous_systematic_id=Smp_073930,Sm
p_212580
SM_V9_3 Liftoff mRNA    15355798        15358956        .       +
        .
ID=Smp_243140.1;Parent=Smp_243140;geneID=Smp_243140;product=Glutared
oxin-related protein 5,
mitochondrial;polypeptide_domain=InterPro:IPR002109,IPR012336,IPR033
658 Pfam:PF00462;Ontology_term=GO:0009055,GO:0015035,GO:0045454
SM_V9_3 Liftoff exon    15355798        15357360        .       +
        .       Parent=Smp_243140.1
SM_V9_3 Liftoff exon    15358163        15358956        .       +
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        .       Parent=Smp_243140.1
SM_V9_3 Liftoff CDS     15357277        15357360        .       +
        0       Parent=Smp_243140.1
SM_V9_3 Liftoff CDS     15358163        15358630        .       +
        0       Parent=Smp_243140.1
SM_V9_3 Liftoff gene    15370621        15371448        .       +
        .       ID=Smp_073920;geneID=Smp_073920
SM_V9_3 Liftoff mRNA    15370621        15371448        .       +
        .
ID=Smp_073920.1;Parent=Smp_073920;geneID=Smp_073920;product=Sodium/
potassium-transporting ATPase subunit
beta-1;polypeptide_domain=InterPro:IPR000402
Pfam:PF00287;Ontology_term=GO:0005890,GO:0006813,GO:0006814
SM_V9_3 Liftoff exon    15370621        15371448        .       +
        .       Parent=Smp_073920.1
SM_V9_3 Liftoff CDS     15370682        15371413        .       +
        0       Parent=Smp_073920.1
SM_V9_3 Liftoff gene    15379651        15419928        .       +
        .       ID=Smp_162110;geneID=Smp_162110
SM_V9_3 Liftoff mRNA    15379651        15419928        .       +
        .
ID=Smp_162110.1;Parent=Smp_162110;geneID=Smp_162110;product=Multidru
g and toxin extrusion protein
1;polypeptide_domain=InterPro:IPR002528
Pfam:PF01554;Ontology_term=GO:0006855,GO:0015238,GO:0015297,GO:00160
20,GO:0055085
SM_V9_3 Liftoff exon    15379651        15379752        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15382858        15382970        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15385611        15385781        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15387538        15387586        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15389341        15389440        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15390419        15390461        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15390507        15390551        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15393300        15393397        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15393806        15393903        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15399550        15399663        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15403092        15403162        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15404989        15405097        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15405200        15405275        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15409304        15409373        .       +
        .       Parent=Smp_162110.1
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SM_V9_3 Liftoff exon    15410562        15410694        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15413005        15413099        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15414737        15414833        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff exon    15419587        15419928        .       +
        .       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15379677        15379752        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15382858        15382970        .       +
        2       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15385611        15385781        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15387538        15387586        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15389341        15389440        .       +
        2       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15390419        15390461        .       +
        1       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15390507        15390551        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15393300        15393397        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15393806        15393903        .       +
        1       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15399550        15399663        .       +
        2       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15403092        15403162        .       +
        2       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15404989        15405097        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15405200        15405275        .       +
        2       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15409304        15409373        .       +
        1       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15410562        15410694        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15413005        15413099        .       +
        2       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15414737        15414833        .       +
        0       Parent=Smp_162110.1
SM_V9_3 Liftoff CDS     15419587        15419888        .       +
        2       Parent=Smp_162110.1
SM_V9_3 Liftoff gene    15521901        15529031        .       +
        .
ID=Smp_341140;geneID=Smp_341140;previous_systematic_id=Smp_073890
SM_V9_3 Liftoff mRNA    15521901        15529031        .       +
        .
ID=Smp_341140.1;Parent=Smp_341140;geneID=Smp_341140;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR013783
SM_V9_3 Liftoff exon    15521901        15529031        .       +
        .       Parent=Smp_341140.1
SM_V9_3 Liftoff CDS     15523114        15528585        .       +
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        0       Parent=Smp_341140.1
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SM_V9_3 Liftoff mRNA    15543503        15544547        .       -
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ID=Smp_073880.1;Parent=Smp_073880;geneID=Smp_073880;product=40S
ribosomal protein
S3a;polypeptide_domain=InterPro:IPR001593,IPR027500
Pfam:PF01015;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_3 Liftoff exon    15543503        15543631        .       -
        .       Parent=Smp_073880.1
SM_V9_3 Liftoff exon    15543666        15543775        .       -
        .       Parent=Smp_073880.1
SM_V9_3 Liftoff exon    15543808        15544311        .       -
        .       Parent=Smp_073880.1
SM_V9_3 Liftoff exon    15544350        15544547        .       -
        .       Parent=Smp_073880.1
SM_V9_3 Liftoff CDS     15543528        15543631        .       -
        2       Parent=Smp_073880.1
SM_V9_3 Liftoff CDS     15543666        15543775        .       -
        1       Parent=Smp_073880.1
SM_V9_3 Liftoff CDS     15543808        15544311        .       -
        1       Parent=Smp_073880.1
SM_V9_3 Liftoff CDS     15544350        15544411        .       -
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        .       ID=Smp_162100;geneID=Smp_162100
SM_V9_3 Liftoff mRNA    15554211        15582197        .       +
        .
ID=Smp_162100.1;Parent=Smp_162100;geneID=Smp_162100;product=Transcri
ptional adapter 3;polypeptide_domain=InterPro:IPR019340 Pfam:PF10198
SM_V9_3 Liftoff exon    15554211        15561692        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15561725        15562092        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15563787        15563851        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15567006        15567187        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15568109        15568250        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15569757        15569875        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15570957        15571556        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15575209        15575510        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15576878        15577306        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15578557        15578985        .       +
        .       Parent=Smp_162100.1
SM_V9_3 Liftoff exon    15581410        15582197        .       +
        .       Parent=Smp_162100.1
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SM_V9_3 Liftoff CDS     15561590        15561692        .       +
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SM_V9_3 Liftoff CDS     15561725        15562092        .       +
        2       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15563787        15563851        .       +
        0       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15567006        15567187        .       +
        1       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15568109        15568250        .       +
        2       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15569757        15569875        .       +
        1       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15570957        15571556        .       +
        2       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15575209        15575510        .       +
        2       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15576878        15577306        .       +
        0       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15578557        15578985        .       +
        0       Parent=Smp_162100.1
SM_V9_3 Liftoff CDS     15581410        15581556        .       +
        0       Parent=Smp_162100.1
SM_V9_3 Liftoff gene    15586070        15599315        .       +
        .       ID=Smp_211260;geneID=Smp_211260
SM_V9_3 Liftoff mRNA    15586070        15599315        .       +
        .
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protease HTRA2,
mitochondrial;polypeptide_domain=InterPro:IPR001478,IPR001940,IPR009
003
Pfam:PF13180,PF13365;Ontology_term=GO:0004252,GO:0005515,GO:0006508
SM_V9_3 Liftoff exon    15586070        15586455        .       +
        .       Parent=Smp_211260.1
SM_V9_3 Liftoff exon    15590731        15590920        .       +
        .       Parent=Smp_211260.1
SM_V9_3 Liftoff exon    15593128        15593337        .       +
        .       Parent=Smp_211260.1
SM_V9_3 Liftoff exon    15596037        15596410        .       +
        .       Parent=Smp_211260.1
SM_V9_3 Liftoff exon    15598988        15599315        .       +
        .       Parent=Smp_211260.1
SM_V9_3 Liftoff CDS     15586358        15586455        .       +
        0       Parent=Smp_211260.1
SM_V9_3 Liftoff CDS     15590731        15590920        .       +
        1       Parent=Smp_211260.1
SM_V9_3 Liftoff CDS     15593128        15593337        .       +
        0       Parent=Smp_211260.1
SM_V9_3 Liftoff CDS     15596037        15596410        .       +
        0       Parent=Smp_211260.1
SM_V9_3 Liftoff CDS     15598988        15599153        .       +
        1       Parent=Smp_211260.1
SM_V9_3 Liftoff gene    15599317        15604398        .       -
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SM_V9_3 Liftoff mRNA    15599317        15604398        .       -
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        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15602200        15602297        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15603238        15603331        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15603363        15603455        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15603490        15603558        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15603590        15603688        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15603726        15603817        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15603854        15603948        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15603981        15604066        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15604101        15604168        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff exon    15604206        15604398        .       -
        .       Parent=Smp_211280.1
SM_V9_3 Liftoff CDS     15599607        15599699        .       -
        0       Parent=Smp_211280.1
SM_V9_3 Liftoff CDS     15600748        15600877        .       -
        1       Parent=Smp_211280.1
SM_V9_3 Liftoff CDS     15602200        15602297        .       -
        0       Parent=Smp_211280.1
SM_V9_3 Liftoff CDS     15603238        15603331        .       -
        1       Parent=Smp_211280.1
SM_V9_3 Liftoff CDS     15603363        15603455        .       -
        1       Parent=Smp_211280.1
SM_V9_3 Liftoff CDS     15603490        15603558        .       -
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SM_V9_3 Liftoff CDS     15603590        15603688        .       -
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SM_V9_3 Liftoff CDS     15603726        15603817        .       -
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SM_V9_3 Liftoff CDS     15603854        15603948        .       -
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SM_V9_3 Liftoff CDS     15603981        15604066        .       -
        1       Parent=Smp_211280.1
SM_V9_3 Liftoff CDS     15604101        15604168        .       -
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SM_V9_3 Liftoff CDS     15604206        15604343        .       -
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SM_V9_3 iris    gene    15612175        15626156        .       -
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    15612175        15626156        .       -
        .
ID=Smp_211270.1;Parent=Smp_211270;geneID=Smp_211270;gene_name=Smp_21
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ied=2022-07-26;Name=Smp_211270.1;product=C-terminal-binding
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    15612175        15612377        .       -
        .       Parent=Smp_211270.1;Name=2d0834cb-f6c9-4511-
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SM_V9_3 iris    exon    15613281        15614193        .       -
        .
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SM_V9_3 iris    exon    15614971        15615102        .       -
        .
Parent=Smp_211270.1;Name=0d6914c8-6c6d-4c67-9b62-90bf09956a93
SM_V9_3 iris    exon    15618341        15618565        .       -
        .       Parent=Smp_211270.1;Name=5277e152-7a20-4adc-a264-
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SM_V9_3 iris    exon    15625298        15625545        .       -
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SM_V9_3 iris    exon    15625667        15626156        .       -
        .       Parent=Smp_211270.1;Name=1d4a86af-1385-40b4-
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SM_V9_3 iris    CDS     15612368        15612377        .       -
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SM_V9_3 iris    CDS     15613281        15614193        .       -
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SM_V9_3 iris    CDS     15614971        15615102        .       -
        2       Parent=Smp_211270.1
SM_V9_3 iris    CDS     15618341        15618565        .       -
        2       Parent=Smp_211270.1
SM_V9_3 iris    CDS     15625298        15625545        .       -
        1       Parent=Smp_211270.1
SM_V9_3 iris    CDS     15625667        15625926        .       -
        0       Parent=Smp_211270.1
SM_V9_3 Liftoff gene    15662733        15683785        .       +
        .       ID=Smp_162080;geneID=Smp_162080
SM_V9_3 Liftoff mRNA    15662733        15683785        .       +
        .
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        .       Parent=Smp_162080.1
SM_V9_3 Liftoff exon    15664906        15664976        .       +
        .       Parent=Smp_162080.1
SM_V9_3 Liftoff exon    15665012        15666313        .       +
        .       Parent=Smp_162080.1
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        .       Parent=Smp_162080.1
SM_V9_3 Liftoff exon    15671531        15672206        .       +
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SM_V9_3 Liftoff exon    15682238        15683785        .       +
        .       Parent=Smp_162080.1
SM_V9_3 Liftoff CDS     15664551        15664875        .       +
        0       Parent=Smp_162080.1
SM_V9_3 Liftoff CDS     15664906        15664976        .       +
        2       Parent=Smp_162080.1
SM_V9_3 Liftoff CDS     15665012        15666313        .       +
        0       Parent=Smp_162080.1
SM_V9_3 Liftoff CDS     15667923        15668652        .       +
        0       Parent=Smp_162080.1
SM_V9_3 Liftoff CDS     15671531        15672206        .       +
        2       Parent=Smp_162080.1
SM_V9_3 Liftoff CDS     15677528        15677796        .       +
        1       Parent=Smp_162080.1
SM_V9_3 Liftoff CDS     15682238        15682344        .       +
        2       Parent=Smp_162080.1
SM_V9_3 Liftoff gene    15704439        15723787        .       -
        .       ID=Smp_073830;geneID=Smp_073830
SM_V9_3 Liftoff mRNA    15704439        15723787        .       -
        .
ID=Smp_073830.1;Parent=Smp_073830;geneID=Smp_073830;product=Integrat
or complex subunit
11;polypeptide_domain=InterPro:IPR001279,IPR011108,IPR022712
Pfam:PF07521,PF10996,PF16661
SM_V9_3 Liftoff exon    15704439        15704673        .       -
        .       Parent=Smp_073830.1
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        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15714792        15714937        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15716663        15716736        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15717868        15718174        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15718578        15718745        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15720537        15720632        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15720676        15720795        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15720827        15721000        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15721039        15721137        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15721176        15721292        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15721329        15721440        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15721482        15721555        .       -
        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15721600        15721697        .       -
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        .       Parent=Smp_073830.1
SM_V9_3 Liftoff exon    15721744        15723787        .       -
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SM_V9_3 Liftoff CDS     15704614        15704673        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15706582        15706768        .       -
        1       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15714792        15714937        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15716663        15716736        .       -
        2       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15717868        15718174        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15718578        15718745        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15720537        15720632        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15720676        15720795        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15720827        15721000        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15721039        15721137        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15721176        15721292        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15721329        15721440        .       -
        1       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15721482        15721555        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15721600        15721697        .       -
        2       Parent=Smp_073830.1
SM_V9_3 Liftoff CDS     15721744        15721771        .       -
        0       Parent=Smp_073830.1
SM_V9_3 Liftoff gene    15755161        15818600        .       +
        .       ID=Smp_137990;geneID=Smp_137990
SM_V9_3 Liftoff mRNA    15755161        15818600        .       +
        .
ID=Smp_137990.1;Parent=Smp_137990;geneID=Smp_137990;product=Putative
complexin-1;polypeptide_domain=InterPro:IPR008849
Pfam:PF05835;Ontology_term=GO:0006836,GO:0019905
SM_V9_3 Liftoff exon    15755161        15755509        .       +
        .       Parent=Smp_137990.1
SM_V9_3 Liftoff exon    15795032        15795177        .       +
        .       Parent=Smp_137990.1
SM_V9_3 Liftoff exon    15816246        15816378        .       +
        .       Parent=Smp_137990.1
SM_V9_3 Liftoff exon    15818075        15818600        .       +
        .       Parent=Smp_137990.1
SM_V9_3 Liftoff CDS     15755455        15755509        .       +
        0       Parent=Smp_137990.1
SM_V9_3 Liftoff CDS     15795032        15795177        .       +
        2       Parent=Smp_137990.1
SM_V9_3 Liftoff CDS     15816246        15816378        .       +
        0       Parent=Smp_137990.1
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SM_V9_3 Liftoff CDS     15818075        15818172        .       +
        2       Parent=Smp_137990.1
SM_V9_3 Liftoff gene    15836936        15842292        .       +
        .       ID=Smp_029240;geneID=Smp_029240
SM_V9_3 Liftoff mRNA    15836936        15842292        .       +
        .
ID=Smp_029240.1;Parent=Smp_029240;geneID=Smp_029240;product=Protein
arginine N-methyltransferase
1;polypeptide_domain=InterPro:IPR025799,IPR029063
Pfam:PF13649;Ontology_term=GO:0006479,GO:0008168
SM_V9_3 Liftoff exon    15836936        15837154        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff exon    15837189        15837344        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff exon    15837377        15837440        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff exon    15837519        15837667        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff exon    15838661        15838748        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff exon    15838982        15839248        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff exon    15841277        15841413        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff exon    15841966        15842292        .       +
        .       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15837020        15837154        .       +
        0       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15837189        15837344        .       +
        0       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15837377        15837440        .       +
        0       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15837519        15837667        .       +
        2       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15838661        15838748        .       +
        0       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15838982        15839248        .       +
        2       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15841277        15841413        .       +
        2       Parent=Smp_029240.1
SM_V9_3 Liftoff CDS     15841966        15842049        .       +
        0       Parent=Smp_029240.1
SM_V9_3 Liftoff gene    15846567        15856282        .       -
        .
ID=Smp_340580;geneID=Smp_340580;previous_systematic_id=Smp_029230
SM_V9_3 Liftoff mRNA    15846567        15856282        .       -
        .
ID=Smp_340580.1;Parent=Smp_340580;geneID=Smp_340580;product=Protein
PBDC1;polypeptide_domain=InterPro:IPR021148,IPR023139 Pfam:PF04669
SM_V9_3 Liftoff exon    15846567        15846756        .       -
        .       Parent=Smp_340580.1
SM_V9_3 Liftoff exon    15846793        15846904        .       -
        .       Parent=Smp_340580.1
SM_V9_3 Liftoff exon    15847679        15847882        .       -
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        .       Parent=Smp_340580.1
SM_V9_3 Liftoff exon    15854001        15856282        .       -
        .       Parent=Smp_340580.1
SM_V9_3 Liftoff CDS     15846668        15846756        .       -
        2       Parent=Smp_340580.1
SM_V9_3 Liftoff CDS     15846793        15846904        .       -
        0       Parent=Smp_340580.1
SM_V9_3 Liftoff CDS     15847679        15847882        .       -
        0       Parent=Smp_340580.1
SM_V9_3 Liftoff CDS     15854001        15854036        .       -
        0       Parent=Smp_340580.1
SM_V9_3 iris    gene    15909157        15911629        .       +
        .
ID=Smp_137980;geneID=Smp_137980;gene_name=Smp_137980;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    15909157        15911629        .       +
        .
ID=Smp_137980.1;Parent=Smp_137980;geneID=Smp_137980;gene_name=Smp_13
7980;owner=irisadmin@local.host;orig_id=Smp_137980.1;date_last_modif
ied=2022-07-26;Name=Smp_137980.1;product=5-hydroxytryptamine
receptor 2;date_creation=2022-07-26
SM_V9_3 iris    exon    15909157        15911629        .       +
        .       Parent=Smp_137980.1;Name=Smp_137980.1-CDS
SM_V9_3 iris    CDS     15909208        15910653        .       +
        0       Parent=Smp_137980.1
SM_V9_3 Liftoff gene    16025071        16030621        .       -
        .       ID=Smp_029210;geneID=Smp_029210
SM_V9_3 Liftoff mRNA    16025071        16030621        .       -
        .
ID=Smp_029210.1;Parent=Smp_029210;geneID=Smp_029210;product=F-box/
LRR-repeat protein
14;polypeptide_domain=InterPro:IPR001810,IPR006553,IPR032675
Pfam:PF12937;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    16025071        16026627        .       -
        .       Parent=Smp_029210.1
SM_V9_3 Liftoff exon    16029802        16030621        .       -
        .       Parent=Smp_029210.1
SM_V9_3 Liftoff CDS     16025671        16026627        .       -
        0       Parent=Smp_029210.1
SM_V9_3 Liftoff CDS     16029802        16030356        .       -
        0       Parent=Smp_029210.1
SM_V9_3 Liftoff mRNA    16025071        16030621        .       -
        .
ID=Smp_029210.2;Parent=Smp_029210;geneID=Smp_029210;product=F-box
DNA helicase 1;polypeptide_domain=InterPro:IPR001810,IPR032675
Pfam:PF12937;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    16025071        16026605        .       -
        .       Parent=Smp_029210.2
SM_V9_3 Liftoff exon    16029802        16030621        .       -
        .       Parent=Smp_029210.2
SM_V9_3 Liftoff CDS     16026585        16026605        .       -
        0       Parent=Smp_029210.2
SM_V9_3 Liftoff CDS     16029802        16030356        .       -
        0       Parent=Smp_029210.2
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SM_V9_3 Liftoff gene    16049555        16062144        .       +
        .       ID=Smp_137970;geneID=Smp_137970
SM_V9_3 Liftoff mRNA    16049555        16062144        .       +
        .
ID=Smp_137970.1;Parent=Smp_137970;geneID=Smp_137970;product=Protein
Jade-1;polypeptide_domain=InterPro:IPR001965,IPR011011,IPR013083,IPR
019786,IPR019787,IPR034732 Pfam:PF13831,PF13832
SM_V9_3 Liftoff exon    16049555        16049746        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff exon    16049780        16049946        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff exon    16049977        16050024        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff exon    16050055        16050355        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff exon    16050391        16050578        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff exon    16050611        16050878        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff exon    16053386        16053555        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff exon    16060586        16062144        .       +
        .       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16049663        16049746        .       +
        0       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16049780        16049946        .       +
        0       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16049977        16050024        .       +
        1       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16050055        16050355        .       +
        1       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16050391        16050578        .       +
        0       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16050611        16050878        .       +
        1       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16053386        16053555        .       +
        0       Parent=Smp_137970.1
SM_V9_3 Liftoff CDS     16060586        16061801        .       +
        1       Parent=Smp_137970.1
SM_V9_3 Liftoff gene    16064853        16067362        .       -
        .
ID=Smp_343190;geneID=Smp_343190;previous_systematic_id=Smp_137960
SM_V9_3 Liftoff mRNA    16064853        16067362        .       -
        .
ID=Smp_343190.1;Parent=Smp_343190;geneID=Smp_343190;product=Cyclin-
dependent kinase 2-associated protein
2;polypeptide_domain=InterPro:IPR017266 Pfam:PF09806
SM_V9_3 Liftoff exon    16064853        16067362        .       -
        .       Parent=Smp_343190.1
SM_V9_3 Liftoff CDS     16064909        16065136        .       -
        0       Parent=Smp_343190.1
SM_V9_3 Liftoff gene    16069136        16094000        .       +
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SM_V9_3 Liftoff mRNA    16069136        16094000        .       +
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56;polypeptide_domain=InterPro:IPR032675
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        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16069419        16069548        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16069583        16069731        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16069765        16069944        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16069978        16070086        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16070118        16070291        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16072365        16072569        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16072856        16072960        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16073000        16073213        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16076053        16076365        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16077424        16077482        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16090822        16090986        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff exon    16093403        16094000        .       +
        .       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16069342        16069361        .       +
        0       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16069419        16069548        .       +
        1       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16069583        16069731        .       +
        0       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16069765        16069944        .       +
        1       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16069978        16070086        .       +
        1       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16070118        16070291        .       +
        0       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16072365        16072569        .       +
        0       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16072856        16072960        .       +
        2       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16073000        16073213        .       +
        2       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16076053        16076365        .       +
        1       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16077424        16077482        .       +
        0       Parent=Smp_137950.1
SM_V9_3 Liftoff CDS     16090822        16090986        .       +
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rich repeat-containing protein
56;polypeptide_domain=InterPro:IPR032675
SM_V9_3 Liftoff exon    16069136        16069731        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16069765        16069944        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16069978        16070086        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16070118        16070291        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16072365        16072569        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16072856        16072960        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16073000        16073213        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16076053        16076365        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16077424        16077482        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16090822        16090986        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff exon    16093403        16094000        .       +
        .       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16069613        16069731        .       +
        0       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16069765        16069944        .       +
        1       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16069978        16070086        .       +
        1       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16070118        16070291        .       +
        0       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16072365        16072569        .       +
        0       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16072856        16072960        .       +
        2       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16073000        16073213        .       +
        2       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16076053        16076365        .       +
        1       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16077424        16077482        .       +
        0       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16090822        16090986        .       +
        1       Parent=Smp_137950.2
SM_V9_3 Liftoff CDS     16093403        16093673        .       +
        1       Parent=Smp_137950.2
SM_V9_3 iris    gene    16111299        16145122        .       -
        .
ID=Smp_029160;geneID=Smp_029160;gene_name=Smp_029160;owner=irisadmin
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
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        .
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9160;owner=irisadmin@local.host;orig_id=Smp_029160.2;date_last_modif
ied=2022-07-26;Name=Smp_029160.1;product=Protein
SERAC1;date_creation=2022-07-26
SM_V9_3 iris    exon    16111299        16112360        .       -
        .       Parent=Smp_029160.1;Name=a8395438-
a39c-4a43-975c-1b29a6d2a66c
SM_V9_3 iris    exon    16113651        16113794        .       -
        .       Parent=Smp_029160.1;Name=bb048303-35ac-4d49-
b9d6-90f93f29443f
SM_V9_3 iris    exon    16116554        16117123        .       -
        .       Parent=Smp_029160.1;Name=7ee83c43-
cb19-4f48-94e2-568493ca4454
SM_V9_3 iris    exon    16120542        16120639        .       -
        .       Parent=Smp_029160.1;Name=df0ae9d3-1dff-4298-84a5-
e08e3d643282
SM_V9_3 iris    exon    16128474        16128574        .       -
        .       Parent=Smp_029160.1;Name=f586f9e2-3c4c-4ff2-8033-
fcbdb21cd644
SM_V9_3 iris    exon    16130960        16131092        .       -
        .       Parent=Smp_029160.1;Name=9599253b-2484-4789-
bf52-04a812dbe385
SM_V9_3 iris    exon    16135844        16136021        .       -
        .       Parent=Smp_029160.1;Name=6c081f04-e7cb-43d3-
b560-763677d4bce1
SM_V9_3 iris    exon    16138372        16138723        .       -
        .       Parent=Smp_029160.1;Name=cc1683e3-6b8e-4635-832c-
f344312ae95e
SM_V9_3 iris    exon    16140650        16140772        .       -
        .       Parent=Smp_029160.1;Name=cd164b00-98fe-43b0-
bf8a-2322101e33d5
SM_V9_3 iris    exon    16141575        16141796        .       -
        .
Parent=Smp_029160.1;Name=fa671225-3fee-417d-919b-705d5e7323d4
SM_V9_3 iris    exon    16142979        16143126        .       -
        .       Parent=Smp_029160.1;Name=94660a92-47b5-47ef-a3b7-
c30cef46a3cf
SM_V9_3 iris    exon    16144661        16144694        .       -
        .       Parent=Smp_029160.1;Name=250cf934-63a2-4326-bf37-
c3ea98a42276
SM_V9_3 iris    exon    16144966        16145122        .       -
        .       Parent=Smp_029160.1;Name=74951e46-9ee6-4d7d-a197-
c9cd739a0619
SM_V9_3 iris    CDS     16112197        16112360        .       -
        2       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16113651        16113794        .       -
        2       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16116554        16117123        .       -
        2       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16120542        16120639        .       -
        1       Parent=Smp_029160.1
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SM_V9_3 iris    CDS     16128474        16128574        .       -
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SM_V9_3 iris    CDS     16130960        16131092        .       -
        1       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16135844        16136021        .       -
        2       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16138372        16138723        .       -
        0       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16140650        16140772        .       -
        0       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16141575        16141796        .       -
        0       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16142979        16143126        .       -
        1       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16144661        16144694        .       -
        2       Parent=Smp_029160.1
SM_V9_3 iris    CDS     16144966        16145035        .       -
        0       Parent=Smp_029160.1
SM_V9_3 Liftoff gene    16147776        16150195        .       -
        .
ID=Smp_213370;geneID=Smp_213370;previous_systematic_id=Smp_029150
SM_V9_3 Liftoff mRNA    16147776        16150195        .       -
        .
ID=Smp_213370.1;Parent=Smp_213370;geneID=Smp_213370;product=Replicat
ion protein A 14 kDa
subunit;polypeptide_domain=InterPro:IPR012340,IPR013970
Pfam:PF08661;Ontology_term=GO:0003677,GO:0005634,GO:0006260,GO:00062
81,GO:0006310
SM_V9_3 Liftoff exon    16147776        16148051        .       -
        .       Parent=Smp_213370.1
SM_V9_3 Liftoff exon    16149701        16150195        .       -
        .       Parent=Smp_213370.1
SM_V9_3 Liftoff CDS     16147857        16148051        .       -
        0       Parent=Smp_213370.1
SM_V9_3 Liftoff CDS     16149701        16149835        .       -
        0       Parent=Smp_213370.1
SM_V9_3 Liftoff gene    16149853        16152864        .       -
        .
ID=Smp_213360;geneID=Smp_213360;previous_systematic_id=Smp_029150
SM_V9_3 Liftoff mRNA    16149853        16152864        .       -
        .
ID=Smp_213360.1;Parent=Smp_213360;geneID=Smp_213360;product=Cytochro
me c oxidase copper
chaperone;polypeptide_domain=InterPro:IPR007745,IPR009069
Pfam:PF05051;Ontology_term=GO:0005507,GO:0005758,GO:0006825,GO:00165
31
SM_V9_3 Liftoff exon    16149853        16152864        .       -
        .       Parent=Smp_213360.1
SM_V9_3 Liftoff CDS     16149978        16150184        .       -
        0       Parent=Smp_213360.1
SM_V9_3 Liftoff gene    16174606        16203165        .       +
        .       ID=Smp_137940;geneID=Smp_137940
SM_V9_3 Liftoff mRNA    16174606        16203165        .       +
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ID=Smp_137940.1;Parent=Smp_137940;geneID=Smp_137940;product=Guanylat
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kinase;polypeptide_domain=InterPro:IPR008144,IPR008145,IPR017665,IPR
027417 Pfam:PF00625;Ontology_term=GO:0004385,GO:0006163
SM_V9_3 Liftoff exon    16174606        16183508        .       +
        .       Parent=Smp_137940.1
SM_V9_3 Liftoff exon    16186717        16186758        .       +
        .       Parent=Smp_137940.1
SM_V9_3 Liftoff exon    16192230        16192326        .       +
        .       Parent=Smp_137940.1
SM_V9_3 Liftoff exon    16193159        16193297        .       +
        .       Parent=Smp_137940.1
SM_V9_3 Liftoff exon    16194744        16194828        .       +
        .       Parent=Smp_137940.1
SM_V9_3 Liftoff exon    16199660        16199745        .       +
        .       Parent=Smp_137940.1
SM_V9_3 Liftoff exon    16202987        16203165        .       +
        .       Parent=Smp_137940.1
SM_V9_3 Liftoff CDS     16183382        16183508        .       +
        0       Parent=Smp_137940.1
SM_V9_3 Liftoff CDS     16186717        16186758        .       +
        2       Parent=Smp_137940.1
SM_V9_3 Liftoff CDS     16192230        16192326        .       +
        2       Parent=Smp_137940.1
SM_V9_3 Liftoff CDS     16193159        16193297        .       +
        1       Parent=Smp_137940.1
SM_V9_3 Liftoff CDS     16194744        16194828        .       +
        0       Parent=Smp_137940.1
SM_V9_3 Liftoff CDS     16199660        16199745        .       +
        2       Parent=Smp_137940.1
SM_V9_3 Liftoff CDS     16202987        16203001        .       +
        0       Parent=Smp_137940.1
SM_V9_3 iris    gene    16246135        16255405        .       +
        .
ID=Smp_137930;geneID=Smp_137930;gene_name=Smp_137930;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    16246135        16255405        .       +
        .
ID=Smp_137930.1;Parent=Smp_137930;geneID=Smp_137930;gene_name=Smp_13
7930;owner=irisadmin@local.host;orig_id=Smp_137930.1;date_last_modif
ied=2022-07-26;Name=Smp_137930.1;product=Cyclin-dependent kinase
F-1;date_creation=2022-07-26
SM_V9_3 iris    exon    16246135        16246253        .       +
        .       Parent=Smp_137930.1;Name=9e201f35-69c5-4533-
b99e-82f432f8c41e
SM_V9_3 iris    exon    16246286        16246431        .       +
        .       Parent=Smp_137930.1;Name=3d8af961-538c-494a-8128-
abeeb9be2051
SM_V9_3 iris    exon    16247801        16247969        .       +
        .       Parent=Smp_137930.1;Name=47a17c82-
b453-4eb6-9461-172e443aef35
SM_V9_3 iris    exon    16249450        16249658        .       +
        .       Parent=Smp_137930.1;Name=6b0169c6-54ea-43d2-
af0b-0445eb46f2c4
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SM_V9_3 iris    exon    16250618        16250724        .       +
        .       Parent=Smp_137930.1;Name=55d4f3c4-c913-4d1c-ab12-
b27b938a1ee4
SM_V9_3 iris    exon    16251856        16251887        .       +
        .       Parent=Smp_137930.1;Name=5b282a65-d0d7-4287-8e7a-
b8ba3078d5ba
SM_V9_3 iris    exon    16251926        16252048        .       +
        .
Parent=Smp_137930.1;Name=71e2f331-47e3-420b-91bc-9f602d6fccc1
SM_V9_3 iris    exon    16252093        16252138        .       +
        .       Parent=Smp_137930.1;Name=7472ae0e-b067-4378-8f08-
dc59d80832fb
SM_V9_3 iris    exon    16252183        16252220        .       +
        .       Parent=Smp_137930.1;Name=384db770-
cee4-4a35-86a6-9cdbbda7050c
SM_V9_3 iris    exon    16252759        16252889        .       +
        .       Parent=Smp_137930.1;Name=cc43cfaa-824f-40a2-
a530-481ba38cd1ae
SM_V9_3 iris    exon    16255217        16255405        .       +
        .
Parent=Smp_137930.1;Name=831b948a-7fc4-404b-843f-4259a094fcf4
SM_V9_3 iris    CDS     16246157        16246253        .       +
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SM_V9_3 iris    CDS     16246286        16246431        .       +
        2       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16247801        16247969        .       +
        0       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16249450        16249658        .       +
        2       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16250618        16250724        .       +
        0       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16251856        16251887        .       +
        1       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16251926        16252048        .       +
        2       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16252093        16252138        .       +
        2       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16252183        16252220        .       +
        1       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16252759        16252889        .       +
        2       Parent=Smp_137930.1
SM_V9_3 iris    CDS     16255217        16255231        .       +
        0       Parent=Smp_137930.1
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        .       ID=Smp_137920;geneID=Smp_137920
SM_V9_3 Liftoff mRNA    16289175        16293613        .       -
        .
ID=Smp_137920.1;Parent=Smp_137920;geneID=Smp_137920;product=Chloride
intracellular channel exc-4;polypeptide_domain=InterPro:IPR010987
SM_V9_3 Liftoff exon    16289175        16293613        .       -
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SM_V9_3 Liftoff CDS     16289571        16290365        .       -
        0       Parent=Smp_137920.1
SM_V9_3 Liftoff gene    16304127        16335294        .       +
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        .       ID=Smp_137910;geneID=Smp_137910
SM_V9_3 Liftoff mRNA    16304127        16335294        .       +
        .
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junction protein
ZO-3;polypeptide_domain=InterPro:IPR000906,IPR001478,IPR008144
Pfam:PF00595,PF00791;Ontology_term=GO:0005515
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        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16304439        16304621        .       +
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SM_V9_3 Liftoff exon    16307551        16307744        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16309550        16309999        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16311311        16311741        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16312633        16312929        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16313686        16313775        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16315657        16315971        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16318956        16319345        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16320727        16320823        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16329610        16329945        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16331461        16331566        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16333351        16333708        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff exon    16334748        16335294        .       +
        .       Parent=Smp_137910.1
SM_V9_3 Liftoff CDS     16304245        16304402        .       +
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SM_V9_3 Liftoff CDS     16307551        16307744        .       +
        1       Parent=Smp_137910.1
SM_V9_3 Liftoff CDS     16309550        16309999        .       +
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SM_V9_3 Liftoff CDS     16311311        16311741        .       +
        2       Parent=Smp_137910.1
SM_V9_3 Liftoff CDS     16312633        16312929        .       +
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SM_V9_3 Liftoff CDS     16313686        16313775        .       +
        0       Parent=Smp_137910.1
SM_V9_3 Liftoff CDS     16315657        16315971        .       +
        0       Parent=Smp_137910.1
SM_V9_3 Liftoff CDS     16318956        16319345        .       +
        0       Parent=Smp_137910.1
SM_V9_3 Liftoff CDS     16320727        16320823        .       +
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        0       Parent=Smp_137910.1
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SM_V9_3 Liftoff CDS     16331461        16331566        .       +
        2       Parent=Smp_137910.1
SM_V9_3 Liftoff CDS     16333351        16333708        .       +
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SM_V9_3 Liftoff CDS     16334748        16335203        .       +
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        .
ID=Smp_029100;geneID=Smp_029100;previous_systematic_id=Smp_137900
SM_V9_3 Liftoff mRNA    16341687        16343651        .       +
        .
ID=Smp_029100.1;Parent=Smp_029100;geneID=Smp_029100;product=Multifun
ctional methyltransferase subunit TRM112-like
protein;polypeptide_domain=InterPro:IPR005651 Pfam:PF03966
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SM_V9_3 Liftoff exon    16343263        16343364        .       +
        .       Parent=Smp_029100.1
SM_V9_3 Liftoff exon    16343398        16343651        .       +
        .       Parent=Smp_029100.1
SM_V9_3 Liftoff CDS     16343151        16343228        .       +
        0       Parent=Smp_029100.1
SM_V9_3 Liftoff CDS     16343263        16343364        .       +
        0       Parent=Smp_029100.1
SM_V9_3 Liftoff CDS     16343398        16343595        .       +
        0       Parent=Smp_029100.1
SM_V9_3 Liftoff gene    16346513        16396573        .       -
        .
ID=Smp_137890;geneID=Smp_137890;previous_systematic_id=Smp_137880
SM_V9_3 Liftoff mRNA    16346513        16396573        .       -
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ID=Smp_137890.1;Parent=Smp_137890;geneID=Smp_137890;product=ATP-
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2;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR013525,IPR02741
7
Pfam:PF00005,PF01061;Ontology_term=GO:0005524,GO:0016020,GO:0016887
SM_V9_3 Liftoff exon    16346513        16347054        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16349866        16350032        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16351253        16351532        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16353137        16353493        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16354996        16355092        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16357276        16357365        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16358453        16358607        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16361718        16361875        .       -
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        .       Parent=Smp_137890.1
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        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16368000        16368114        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16371757        16371816        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16376719        16377311        .       -
        .       Parent=Smp_137890.1
SM_V9_3 Liftoff exon    16385186        16396573        .       -
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SM_V9_3 Liftoff CDS     16349866        16350032        .       -
        0       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16351253        16351532        .       -
        1       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16353137        16353493        .       -
        1       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16354996        16355092        .       -
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SM_V9_3 Liftoff CDS     16357276        16357365        .       -
        2       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16358453        16358607        .       -
        1       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16361718        16361875        .       -
        0       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16367289        16367441        .       -
        0       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16368000        16368114        .       -
        1       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16371757        16371816        .       -
        1       Parent=Smp_137890.1
SM_V9_3 Liftoff CDS     16376719        16377311        .       -
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SM_V9_3 Liftoff CDS     16385186        16385524        .       -
        0       Parent=Smp_137890.1
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2;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR013525,IPR02741
7
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        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16351253        16351532        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16353137        16353493        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16354996        16355092        .       -
        .       Parent=Smp_137890.2
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SM_V9_3 Liftoff exon    16357276        16357365        .       -
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SM_V9_3 Liftoff exon    16358453        16358607        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16361718        16361875        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16367289        16367441        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16368000        16368114        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16371757        16371816        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff exon    16376719        16396573        .       -
        .       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16346904        16347054        .       -
        1       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16349866        16350032        .       -
        0       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16351253        16351532        .       -
        1       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16353137        16353493        .       -
        1       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16354996        16355092        .       -
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SM_V9_3 Liftoff CDS     16357276        16357365        .       -
        2       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16358453        16358607        .       -
        1       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16361718        16361875        .       -
        0       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16367289        16367441        .       -
        0       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16368000        16368114        .       -
        1       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16371757        16371816        .       -
        1       Parent=Smp_137890.2
SM_V9_3 Liftoff CDS     16376719        16377212        .       -
        0       Parent=Smp_137890.2
SM_V9_3 Liftoff mRNA    16346513        16396573        .       -
        .
ID=Smp_137890.3;Parent=Smp_137890;geneID=Smp_137890;product=ATP-
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2;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR013525,IPR02741
7
Pfam:PF00005,PF01061;Ontology_term=GO:0005524,GO:0016020,GO:0016887
SM_V9_3 Liftoff exon    16346513        16347054        .       -
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SM_V9_3 Liftoff exon    16349866        16350032        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16351253        16351532        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16353137        16353493        .       -
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SM_V9_3 Liftoff exon    16354996        16355092        .       -
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        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16357276        16357365        .       -
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SM_V9_3 Liftoff exon    16358453        16358607        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16361718        16361875        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16367289        16367441        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16368000        16368114        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16371757        16371816        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16376719        16377311        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff exon    16386419        16396573        .       -
        .       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16346904        16347054        .       -
        1       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16349866        16350032        .       -
        0       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16351253        16351532        .       -
        1       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16353137        16353493        .       -
        1       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16354996        16355092        .       -
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SM_V9_3 Liftoff CDS     16357276        16357365        .       -
        2       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16358453        16358607        .       -
        1       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16361718        16361875        .       -
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SM_V9_3 Liftoff CDS     16367289        16367441        .       -
        0       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16368000        16368114        .       -
        1       Parent=Smp_137890.3
SM_V9_3 Liftoff CDS     16371757        16371816        .       -
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SM_V9_3 Liftoff CDS     16376719        16377311        .       -
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SM_V9_3 Liftoff CDS     16386419        16386943        .       -
        0       Parent=Smp_137890.3
SM_V9_3 iris    gene    16416137        16453105        .       +
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    16416137        16453105        .       +
        .
ID=Smp_137870.1;Parent=Smp_137870;geneID=Smp_137870;gene_name=Smp_13
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ied=2022-07-26;Name=Smp_137870.1;product=Steroidogenic acute
regulatory protein, mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    16416137        16416178        .       +
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        .       Parent=Smp_137870.1;Name=b5a4b7c0-6fb2-4f2f-
bb3b-55abe8084419
SM_V9_3 iris    exon    16416271        16416413        .       +
        .       Parent=Smp_137870.1;Name=681890e1-1f83-4ec6-
b7e4-29b3977b78da
SM_V9_3 iris    exon    16417211        16417274        .       +
        .       Parent=Smp_137870.1;Name=73ca53c4-c994-45ed-b0e3-
bf2c700101e2
SM_V9_3 iris    exon    16424837        16424975        .       +
        .       Parent=Smp_137870.1;Name=4cbb45b7-a16d-410c-
a38d-41ce68fdab80
SM_V9_3 iris    exon    16425927        16426010        .       +
        .       Parent=Smp_137870.1;Name=6a052abb-2195-410e-834e-
d2d9ab1ca63b
SM_V9_3 iris    exon    16430032        16430109        .       +
        .       Parent=Smp_137870.1;Name=7f579951-16dc-4323-9b63-
d74a010614bf
SM_V9_3 iris    exon    16431639        16431692        .       +
        .       Parent=Smp_137870.1;Name=654f6ea0-
ef36-458e-9462-2228878aea58
SM_V9_3 iris    exon    16434117        16434246        .       +
        .       Parent=Smp_137870.1;Name=79ada96e-34db-438a-
abfd-4f9e7a834e28
SM_V9_3 iris    exon    16435878        16436006        .       +
        .       Parent=Smp_137870.1;Name=fde6ee62-78c3-4b6e-bca4-
c37a14b6751a
SM_V9_3 iris    exon    16436923        16436990        .       +
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b3dc-5565e086b38c
SM_V9_3 iris    exon    16438701        16438859        .       +
        .       Parent=Smp_137870.1;Name=8f07e92a-e2fb-44cd-8651-
c89c38835bb6
SM_V9_3 iris    exon    16439911        16440006        .       +
        .       Parent=Smp_137870.1;Name=fc656217-182d-4777-
a84b-97824a3b330a
SM_V9_3 iris    exon    16442166        16442248        .       +
        .       Parent=Smp_137870.1;Name=cea23639-3ff6-4dda-8ac4-
e6d8f8b1073f
SM_V9_3 iris    exon    16450101        16450208        .       +
        .       Parent=Smp_137870.1;Name=6eab18bc-9c04-4564-
a38a-053c3c29bf7a
SM_V9_3 iris    exon    16451600        16451693        .       +
        .       Parent=Smp_137870.1;Name=8f53cb18-06d4-44a3-88d6-
e7827fc36913
SM_V9_3 iris    exon    16452507        16453105        .       +
        .
Parent=Smp_137870.1;Name=0d1fae9a-9adf-4240-8acb-79118a103bd7
SM_V9_3 iris    CDS     16416401        16416413        .       +
        0       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16417211        16417274        .       +
        2       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16424837        16424975        .       +
        1       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16425927        16426010        .       +
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        0       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16430032        16430109        .       +
        0       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16431639        16431692        .       +
        0       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16434117        16434246        .       +
        0       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16435878        16436006        .       +
        2       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16436923        16436990        .       +
        2       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16438701        16438859        .       +
        0       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16439911        16440006        .       +
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SM_V9_3 iris    CDS     16442166        16442248        .       +
        0       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16450101        16450208        .       +
        1       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16451600        16451693        .       +
        1       Parent=Smp_137870.1
SM_V9_3 iris    CDS     16452507        16452812        .       +
        0       Parent=Smp_137870.1
SM_V9_3 Liftoff gene    16467027        16476960        .       +
        .       ID=Smp_029070;geneID=Smp_029070
SM_V9_3 Liftoff mRNA    16467027        16476960        .       +
        .
ID=Smp_029070.1;Parent=Smp_029070;geneID=Smp_029070;product=Centroso
mal protein of 83 kDa
SM_V9_3 Liftoff exon    16467027        16467241        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff exon    16468225        16468746        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff exon    16469478        16469877        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff exon    16471456        16472097        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff exon    16472919        16473343        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff exon    16473444        16473571        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff exon    16474777        16474931        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff exon    16476404        16476960        .       +
        .       Parent=Smp_029070.1
SM_V9_3 Liftoff CDS     16467137        16467241        .       +
        0       Parent=Smp_029070.1
SM_V9_3 Liftoff CDS     16468225        16468746        .       +
        0       Parent=Smp_029070.1
SM_V9_3 Liftoff CDS     16469478        16469877        .       +
        0       Parent=Smp_029070.1
SM_V9_3 Liftoff CDS     16471456        16472097        .       +
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SM_V9_3 Liftoff CDS     16472919        16473343        .       +
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        2       Parent=Smp_029070.1
SM_V9_3 Liftoff CDS     16473444        16473571        .       +
        0       Parent=Smp_029070.1
SM_V9_3 Liftoff CDS     16474777        16474931        .       +
        1       Parent=Smp_029070.1
SM_V9_3 Liftoff CDS     16476404        16476600        .       +
        2       Parent=Smp_029070.1
SM_V9_3 Liftoff gene    16479427        16496840        .       +
        .       ID=Smp_029060;geneID=Smp_029060
SM_V9_3 Liftoff mRNA    16479427        16496840        .       +
        .
ID=Smp_029060.1;Parent=Smp_029060;geneID=Smp_029060;product=Ubiquino
ne biosynthesis O-methyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR010233,IPR029063
Pfam:PF13489;Ontology_term=GO:0006744,GO:0008425
SM_V9_3 Liftoff exon    16479427        16479706        .       +
        .       Parent=Smp_029060.1
SM_V9_3 Liftoff exon    16482342        16482502        .       +
        .       Parent=Smp_029060.1
SM_V9_3 Liftoff exon    16484626        16484886        .       +
        .       Parent=Smp_029060.1
SM_V9_3 Liftoff exon    16490744        16490903        .       +
        .       Parent=Smp_029060.1
SM_V9_3 Liftoff exon    16496324        16496840        .       +
        .       Parent=Smp_029060.1
SM_V9_3 Liftoff CDS     16479547        16479706        .       +
        0       Parent=Smp_029060.1
SM_V9_3 Liftoff CDS     16482342        16482502        .       +
        2       Parent=Smp_029060.1
SM_V9_3 Liftoff CDS     16484626        16484886        .       +
        0       Parent=Smp_029060.1
SM_V9_3 Liftoff CDS     16490744        16490903        .       +
        0       Parent=Smp_029060.1
SM_V9_3 Liftoff CDS     16496324        16496442        .       +
        2       Parent=Smp_029060.1
SM_V9_3 Liftoff gene    16499896        16502154        .       -
        .       ID=Smp_137860;geneID=Smp_137860
SM_V9_3 Liftoff mRNA    16499896        16502154        .       -
        .
ID=Smp_137860.1;Parent=Smp_137860;geneID=Smp_137860;product=Chaperon
e protein DnaK
SM_V9_3 Liftoff exon    16499896        16500237        .       -
        .       Parent=Smp_137860.1
SM_V9_3 Liftoff exon    16501960        16502154        .       -
        .       Parent=Smp_137860.1
SM_V9_3 Liftoff CDS     16499896        16500237        .       -
        0       Parent=Smp_137860.1
SM_V9_3 Liftoff CDS     16501960        16502154        .       -
        0       Parent=Smp_137860.1
SM_V9_3 Liftoff gene    16502407        16510172        .       -
        .       ID=Smp_137850;geneID=Smp_137850
SM_V9_3 Liftoff mRNA    16502407        16510172        .       -
        .
ID=Smp_137850.1;Parent=Smp_137850;geneID=Smp_137850;product=Pre-
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mRNA-splicing regulator female-lethal(2)D
SM_V9_3 Liftoff exon    16502407        16502502        .       -
        .       Parent=Smp_137850.1
SM_V9_3 Liftoff exon    16503440        16503565        .       -
        .       Parent=Smp_137850.1
SM_V9_3 Liftoff exon    16510167        16510172        .       -
        .       Parent=Smp_137850.1
SM_V9_3 Liftoff CDS     16502407        16502502        .       -
        0       Parent=Smp_137850.1
SM_V9_3 Liftoff CDS     16503440        16503565        .       -
        0       Parent=Smp_137850.1
SM_V9_3 Liftoff CDS     16510167        16510172        .       -
        0       Parent=Smp_137850.1
SM_V9_3 iris    gene    16511294        16525083        .       -
        .
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SM_V9_3 iris    mRNA    16511294        16525083        .       -
        .
ID=Smp_137840.1;Parent=Smp_137840;geneID=Smp_137840;gene_name=Smp_13
7840;owner=irisadmin@local.host;orig_id=Smp_137840.2;date_last_modif
ied=2022-07-26;Name=Smp_137840.1;product=Myomegalin;date_creation=20
22-07-26
SM_V9_3 iris    exon    16511294        16511512        .       -
        .       Parent=Smp_137840.1;Name=73d08f9e-c2f2-4849-
ac09-57fa0d4d2a53
SM_V9_3 iris    exon    16516582        16516675        .       -
        .       Parent=Smp_137840.1;Name=302233ea-a0f3-4e06-
a59f-4c437c2b6b9c
SM_V9_3 iris    exon    16519103        16519185        .       -
        .       Parent=Smp_137840.1;Name=aebff657-2716-4018-
a4a3-78a05a6e7ed3
SM_V9_3 iris    exon    16520898        16521132        .       -
        .
Parent=Smp_137840.1;Name=8299b7fd-8c1d-45b6-88a0-92e456ad43c2
SM_V9_3 iris    exon    16524476        16524691        .       -
        .       Parent=Smp_137840.1;Name=f24dff05-9008-4dea-b809-
af14e5fa7079
SM_V9_3 iris    exon    16524733        16525083        .       -
        .
Parent=Smp_137840.1;Name=b493197d-17ac-40dc-9f1f-81876196a366
SM_V9_3 iris    CDS     16511426        16511512        .       -
        0       Parent=Smp_137840.1
SM_V9_3 iris    CDS     16516582        16516675        .       -
        1       Parent=Smp_137840.1
SM_V9_3 iris    CDS     16519103        16519185        .       -
        0       Parent=Smp_137840.1
SM_V9_3 iris    CDS     16520898        16521132        .       -
        1       Parent=Smp_137840.1
SM_V9_3 iris    CDS     16524476        16524691        .       -
        1       Parent=Smp_137840.1
SM_V9_3 iris    CDS     16524733        16524902        .       -
        0       Parent=Smp_137840.1
SM_V9_3 iris    mRNA    16524252        16525083        .       -
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7840;owner=irisadmin@local.host;orig_id=Smp_137840.1;date_last_modif
ied=2022-07-26;Name=Smp_137840.2;product=Coiled-coil domain-
containing protein 89;date_creation=2022-07-26
SM_V9_3 iris    exon    16524252        16524691        .       -
        .       Parent=Smp_137840.2;Name=aaf779ce-099c-4244-
b842-743fe0cdaa08
SM_V9_3 iris    exon    16524733        16525083        .       -
        .       Parent=Smp_137840.2;Name=95cfa2ec-19fb-4df3-9c49-
dc721320f9d6
SM_V9_3 iris    CDS     16524352        16524691        .       -
        1       Parent=Smp_137840.2
SM_V9_3 iris    CDS     16524733        16524902        .       -
        0       Parent=Smp_137840.2
SM_V9_3 iris    gene    16539297        16545351        .       +
        .
ID=Smp_029040;geneID=Smp_029040;gene_name=Smp_029040;owner=irisadmin
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SM_V9_3 iris    mRNA    16539297        16545351        .       +
        .
ID=Smp_029040.1;Parent=Smp_029040;geneID=Smp_029040;gene_name=Smp_02
9040;owner=irisadmin@local.host;orig_id=Smp_029040.2;date_last_modif
ied=2022-07-26;Name=Smp_029040.1;product=Protein unc-50 homolog
A;date_creation=2022-07-26
SM_V9_3 iris    exon    16539297        16539605        .       +
        .
Parent=Smp_029040.1;Name=ee558e12-2c1d-48a0-9eca-815e4080eeca
SM_V9_3 iris    exon    16539641        16539706        .       +
        .
Parent=Smp_029040.1;Name=94a198b1-13d8-40fa-838c-45ee214679ac
SM_V9_3 iris    exon    16543146        16543445        .       +
        .
Parent=Smp_029040.1;Name=3e9f382f-1763-4f09-9c54-514874b3ef80
SM_V9_3 iris    exon    16544212        16544310        .       +
        .
Parent=Smp_029040.1;Name=4e9ecb94-1a2b-4e75-8610-3f001563a9a5
SM_V9_3 iris    exon    16544945        16545351        .       +
        .       Parent=Smp_029040.1;Name=c3fbeedb-9fc1-4d74-8cc9-
f26f3992cded
SM_V9_3 iris    CDS     16539347        16539605        .       +
        0       Parent=Smp_029040.1
SM_V9_3 iris    CDS     16539641        16539706        .       +
        2       Parent=Smp_029040.1
SM_V9_3 iris    CDS     16543146        16543445        .       +
        2       Parent=Smp_029040.1
SM_V9_3 iris    CDS     16544212        16544310        .       +
        2       Parent=Smp_029040.1
SM_V9_3 iris    CDS     16544945        16545081        .       +
        2       Parent=Smp_029040.1
SM_V9_3 Liftoff gene    16547388        16559033        .       -
        .
ID=Smp_246900;geneID=Smp_246900;previous_systematic_id=Smp_137830
SM_V9_3 Liftoff mRNA    16547388        16559033        .       -
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Sequence Model;polypeptide_domain=InterPro:IPR009668
Pfam:PF06870;Ontology_term=GO:0003677,GO:0003899,GO:0005634,GO:00063
51
SM_V9_3 Liftoff exon    16547388        16547616        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16549159        16549281        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16550520        16550967        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16552468        16552636        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16553083        16553120        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16553154        16553239        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16557829        16557890        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16557931        16558025        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff exon    16558060        16559033        .       -
        .       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16547475        16547616        .       -
        1       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16549159        16549281        .       -
        1       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16550520        16550967        .       -
        2       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16552468        16552636        .       -
        0       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16553083        16553120        .       -
        2       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16553154        16553239        .       -
        1       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16557829        16557890        .       -
        0       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16557931        16558025        .       -
        2       Parent=Smp_246900.1
SM_V9_3 Liftoff CDS     16558060        16558084        .       -
        0       Parent=Smp_246900.1
SM_V9_3 iris    gene    16566831        16613707        .       -
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ID=Smp_246890;geneID=Smp_246890;gene_name=Smp_246890;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    16566831        16613707        .       -
        .
ID=Smp_246890.1;Parent=Smp_246890;geneID=Smp_246890;gene_name=Smp_24
6890;owner=irisadmin@local.host;orig_id=Smp_246890.1;date_last_modif
ied=2022-07-26;Name=Smp_246890.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    16566831        16568196        .       -
        .       Parent=Smp_246890.1;Name=5a749135-24f2-43ba-b345-
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e228e4abb2f8
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SM_V9_3 iris    exon    16571490        16571541        .       -
        .       Parent=Smp_246890.1;Name=05e1a72b-2495-4962-b1cb-
e0e80ddf0983
SM_V9_3 iris    exon    16574675        16575444        .       -
        .       Parent=Smp_246890.1;Name=992ebcf7-
c32b-4cd3-9c1d-57f1dcb4fe75
SM_V9_3 iris    exon    16576396        16576620        .       -
        .       Parent=Smp_246890.1;Name=88d77dcd-
d316-43ce-937e-7df562ca4402
SM_V9_3 iris    exon    16578470        16578555        .       -
        .       Parent=Smp_246890.1;Name=c6fcf006-adfb-4d5a-b8ad-
d99b47003652
SM_V9_3 iris    exon    16578594        16579223        .       -
        .       Parent=Smp_246890.1;Name=b2256ce5-0ec8-4799-a12c-
c674a627ed83
SM_V9_3 iris    exon    16580593        16581336        .       -
        .       Parent=Smp_246890.1;Name=7a8c64ec-
a3c5-4835-8157-0725afabc80f
SM_V9_3 iris    exon    16586857        16587094        .       -
        .       Parent=Smp_246890.1;Name=b04cdca4-8cf6-4f78-bcbd-
e4729c3cd21b
SM_V9_3 iris    exon    16612421        16613707        .       -
        .       Parent=Smp_246890.1;Name=e96b56b9-29e7-4ebd-9ea8-
ae657915e033
SM_V9_3 iris    CDS     16567247        16568196        .       -
        2       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16569607        16569727        .       -
        0       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16571490        16571541        .       -
        1       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16574675        16575444        .       -
        0       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16576396        16576620        .       -
        0       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16578470        16578555        .       -
        2       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16578594        16579223        .       -
        2       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16580593        16581336        .       -
        2       Parent=Smp_246890.1
SM_V9_3 iris    CDS     16586857        16587094        .       -
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SM_V9_3 iris    CDS     16612421        16612984        .       -
        0       Parent=Smp_246890.1
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        .       ID=Smp_137810;geneID=Smp_137810
SM_V9_3 Liftoff mRNA    16754038        16755413        .       -
        .
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ical protein
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        .       Parent=Smp_137810.1
SM_V9_3 Liftoff CDS     16754287        16755066        .       -
        0       Parent=Smp_137810.1
SM_V9_3 Liftoff gene    16760819        16780142        .       -
        .       ID=Smp_137800;geneID=Smp_137800
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        .
ID=Smp_137800.1;Parent=Smp_137800;geneID=Smp_137800;product=ATPase
family AAA domain-containing protein
5;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR027417
Pfam:PF00004;Ontology_term=GO:0005524
SM_V9_3 Liftoff exon    16760819        16761478        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16763102        16763266        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16765709        16766229        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16767163        16767360        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16770078        16770308        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16772199        16772357        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16773995        16774044        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16774089        16774205        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16774249        16774378        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16774426        16774775        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16775704        16775889        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16776891        16777044        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff exon    16777082        16780142        .       -
        .       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16761397        16761478        .       -
        1       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16763102        16763266        .       -
        1       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16765709        16766229        .       -
        0       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16767163        16767360        .       -
        0       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16770078        16770308        .       -
        0       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16772199        16772357        .       -
        0       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16773995        16774044        .       -
        2       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16774089        16774205        .       -
        2       Parent=Smp_137800.1
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SM_V9_3 Liftoff CDS     16774249        16774378        .       -
        0       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16774426        16774775        .       -
        2       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16775704        16775889        .       -
        2       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16776891        16777044        .       -
        0       Parent=Smp_137800.1
SM_V9_3 Liftoff CDS     16777082        16777534        .       -
        0       Parent=Smp_137800.1
SM_V9_3 Liftoff mRNA    16760819        16780142        .       -
        .
ID=Smp_137800.2;Parent=Smp_137800;geneID=Smp_137800;product=ATPase
family AAA domain-containing protein
5;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR027417
Pfam:PF00004;Ontology_term=GO:0005524
SM_V9_3 Liftoff exon    16760819        16761478        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16763102        16763266        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16765709        16766229        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16767163        16767360        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16770078        16770308        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16772199        16772357        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16773995        16774044        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16774089        16774205        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16774249        16774378        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16774426        16774775        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16775704        16775889        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16776891        16777044        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16777082        16777545        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff exon    16779827        16780142        .       -
        .       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16761397        16761478        .       -
        1       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16763102        16763266        .       -
        1       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16765709        16766229        .       -
        0       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16767163        16767360        .       -
        0       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16770078        16770308        .       -
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SM_V9_3 Liftoff CDS     16772199        16772357        .       -
        0       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16773995        16774044        .       -
        2       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16774089        16774205        .       -
        2       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16774249        16774378        .       -
        0       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16774426        16774775        .       -
        2       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16775704        16775889        .       -
        2       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16776891        16777044        .       -
        0       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16777082        16777545        .       -
        2       Parent=Smp_137800.2
SM_V9_3 Liftoff CDS     16779827        16779830        .       -
        0       Parent=Smp_137800.2
SM_V9_3 Liftoff gene    16857181        16858902        .       -
        .       ID=Smp_028990;geneID=Smp_028990
SM_V9_3 Liftoff mRNA    16857181        16858902        .       -
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ID=Smp_028990.1;Parent=Smp_028990;geneID=Smp_028990;product=Serine/
threonine-protein phosphatase PP1-alpha catalytic
subunit;polypeptide_domain=InterPro:IPR004843,IPR006186,IPR029052,IP
R031675 Pfam:PF00149,PF16891;Ontology_term=GO:0016787
SM_V9_3 Liftoff exon    16857181        16857768        .       -
        .       Parent=Smp_028990.1
SM_V9_3 Liftoff exon    16857807        16857941        .       -
        .       Parent=Smp_028990.1
SM_V9_3 Liftoff exon    16857981        16858204        .       -
        .       Parent=Smp_028990.1
SM_V9_3 Liftoff exon    16858237        16858341        .       -
        .       Parent=Smp_028990.1
SM_V9_3 Liftoff exon    16858377        16858739        .       -
        .       Parent=Smp_028990.1
SM_V9_3 Liftoff exon    16858788        16858902        .       -
        .       Parent=Smp_028990.1
SM_V9_3 Liftoff CDS     16857670        16857768        .       -
        0       Parent=Smp_028990.1
SM_V9_3 Liftoff CDS     16857807        16857941        .       -
        0       Parent=Smp_028990.1
SM_V9_3 Liftoff CDS     16857981        16858204        .       -
        2       Parent=Smp_028990.1
SM_V9_3 Liftoff CDS     16858237        16858341        .       -
        2       Parent=Smp_028990.1
SM_V9_3 Liftoff CDS     16858377        16858739        .       -
        2       Parent=Smp_028990.1
SM_V9_3 Liftoff CDS     16858788        16858842        .       -
        0       Parent=Smp_028990.1
SM_V9_3 Liftoff gene    16864646        16867367        .       +
        .       ID=Smp_028980;geneID=Smp_028980
SM_V9_3 Liftoff mRNA    16864646        16867367        .       +
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membrane protein complex subunit
3;polypeptide_domain=InterPro:IPR002809,IPR008568
Pfam:PF01956;Ontology_term=GO:0016020
SM_V9_3 Liftoff exon    16864646        16866597        .       +
        .       Parent=Smp_028980.1
SM_V9_3 Liftoff exon    16866633        16866690        .       +
        .       Parent=Smp_028980.1
SM_V9_3 Liftoff exon    16866725        16866818        .       +
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        .       Parent=Smp_028980.1
SM_V9_3 Liftoff exon    16867079        16867367        .       +
        .       Parent=Smp_028980.1
SM_V9_3 Liftoff CDS     16866551        16866597        .       +
        0       Parent=Smp_028980.1
SM_V9_3 Liftoff CDS     16866633        16866690        .       +
        1       Parent=Smp_028980.1
SM_V9_3 Liftoff CDS     16866725        16866818        .       +
        0       Parent=Smp_028980.1
SM_V9_3 Liftoff CDS     16866854        16867043        .       +
        2       Parent=Smp_028980.1
SM_V9_3 Liftoff CDS     16867079        16867322        .       +
        1       Parent=Smp_028980.1
SM_V9_3 Liftoff mRNA    16864646        16867367        .       +
        .
ID=Smp_028980.2;Parent=Smp_028980;geneID=Smp_028980;product=ER
membrane protein complex subunit
3;polypeptide_domain=InterPro:IPR002809,IPR008568
Pfam:PF01956;Ontology_term=GO:0016020
SM_V9_3 Liftoff exon    16864646        16866597        .       +
        .       Parent=Smp_028980.2
SM_V9_3 Liftoff exon    16866633        16866690        .       +
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SM_V9_3 Liftoff exon    16866725        16866818        .       +
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SM_V9_3 Liftoff exon    16866854        16867043        .       +
        .       Parent=Smp_028980.2
SM_V9_3 Liftoff exon    16867079        16867367        .       +
        .       Parent=Smp_028980.2
SM_V9_3 Liftoff CDS     16866449        16866597        .       +
        0       Parent=Smp_028980.2
SM_V9_3 Liftoff CDS     16866633        16866690        .       +
        1       Parent=Smp_028980.2
SM_V9_3 Liftoff CDS     16866725        16866818        .       +
        0       Parent=Smp_028980.2
SM_V9_3 Liftoff CDS     16866854        16867043        .       +
        2       Parent=Smp_028980.2
SM_V9_3 Liftoff CDS     16867079        16867322        .       +
        1       Parent=Smp_028980.2
SM_V9_3 iris    gene    16867387        16892406        .       -
        .
ID=Smp_347860;geneID=Smp_347860;gene_name=Smp_347860;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
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SM_V9_3 iris    mRNA    16867387        16892406        .       -
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7860;owner=irisadmin@local.host;orig_id=Smp_347860.1;date_last_modif
ied=2022-07-26;Name=Smp_347860.1;product=Sister chromatid cohesion
protein PDS5 homolog B-A;date_creation=2022-07-26
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SM_V9_3 iris    exon    16868709        16869605        .       -
       .       Parent=Smp_347860.1;Name=bc5a63b3-4ddc-477c-
aca6-88be020f9cb7
SM_V9_3 iris    exon    16870362        16870705        .       -
       .       Parent=Smp_347860.1;Name=0b588dc2-711f-42c3-
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SM_V9_3 iris    exon    16872579        16872705        .       -
       .       Parent=Smp_347860.1;Name=b90601a3-f824-4fee-
bd87-4e95867be884
SM_V9_3 iris    exon    16872891        16873005        .       -
       .       Parent=Smp_347860.1;Name=182e369f-bc7a-4830-
ae64-8aa6022441a2
SM_V9_3 iris    exon    16874178        16874391        .       -
       .       Parent=Smp_347860.1;Name=58b4bc14-528c-4246-
bff5-9de4359efc90
SM_V9_3 iris    exon    16874918        16875041        .       -
       .
Parent=Smp_347860.1;Name=86daa1f2-0020-4635-83c3-96ce7fbafd2a
SM_V9_3 iris    exon    16876265        16876401        .       -
       .
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SM_V9_3 iris    exon    16877971        16878261        .       -
       .       Parent=Smp_347860.1;Name=69951d00-a8e1-43d5-a8b5-
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SM_V9_3 iris    exon    16879903        16880204        .       -
       .       Parent=Smp_347860.1;Name=96398f0a-23b2-413c-
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SM_V9_3 iris    exon    16880412        16880640        .       -
       .
Parent=Smp_347860.1;Name=b6e15b57-2715-4acb-8cfa-5c239c507bad
SM_V9_3 iris    exon    16882791        16882949        .       -
       .       Parent=Smp_347860.1;Name=36889ccd-2c46-484b-
ade6-49a98de9cb44
SM_V9_3 iris    exon    16883931        16884185        .       -
       .       Parent=Smp_347860.1;Name=925ca676-5963-4dd0-bd3d-
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SM_V9_3 iris    exon    16884323        16884462        .       -
       .
Parent=Smp_347860.1;Name=443b1a4f-5df8-4d1b-8eb0-6481309f21c2
SM_V9_3 iris    exon    16886155        16886264        .       -
       .       Parent=Smp_347860.1;Name=fab001db-b5df-47a7-984f-
aeaf345e026d
SM_V9_3 iris    exon    16886886        16887032        .       -
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SM_V9_3 iris    exon    16888640        16888762        .       -
        .       Parent=Smp_347860.1;Name=e7d439d1-
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SM_V9_3 iris    exon    16890869        16891055        .       -
        .       Parent=Smp_347860.1;Name=db98cb16-c381-487d-
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SM_V9_3 iris    exon    16891091        16891311        .       -
        .       Parent=Smp_347860.1;Name=7d3fa90e-2727-4697-
b365-3cc6c8efff4e
SM_V9_3 iris    exon    16891348        16891405        .       -
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Parent=Smp_347860.1;Name=37d0e333-718b-4d74-85ef-373fdf4846d9
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SM_V9_3 iris    exon    16891701        16891795        .       -
        .       Parent=Smp_347860.1;Name=4b5a2f4b-4adf-4100-
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        .       Parent=Smp_347860.1;Name=30b07dcf-73a7-4878-
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        .       Parent=Smp_347860.1;Name=b2dd6739-268e-497a-
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Parent=Smp_347860.1;Name=a5261686-20ae-440f-81b7-8c8ea0205bbd
SM_V9_3 iris    CDS     16867710        16867716        .       -
        1       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16868709        16869605        .       -
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SM_V9_3 iris    CDS     16870362        16870705        .       -
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SM_V9_3 iris    CDS     16872891        16873005        .       -
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SM_V9_3 iris    CDS     16874178        16874391        .       -
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        1       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16876265        16876401        .       -
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SM_V9_3 iris    CDS     16877971        16878261        .       -
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SM_V9_3 iris    CDS     16879903        16880204        .       -
        2       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16880412        16880640        .       -
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SM_V9_3 iris    CDS     16882791        16882949        .       -
        0       Parent=Smp_347860.1
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        2       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16886155        16886264        .       -
        1       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16886886        16887032        .       -
        1       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16888511        16888637        .       -
        2       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16888640        16888762        .       -
        2       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16890869        16891055        .       -
        0       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16891091        16891311        .       -
        2       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16891348        16891405        .       -
        0       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16891440        16891668        .       -
        1       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16891701        16891795        .       -
        0       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16891830        16891925        .       -
        0       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16891957        16892217        .       -
        0       Parent=Smp_347860.1
SM_V9_3 iris    CDS     16892248        16892340        .       -
        0       Parent=Smp_347860.1
SM_V9_3 Liftoff gene    16897301        16924532        .       -
        .       ID=Smp_175500;geneID=Smp_175500
SM_V9_3 Liftoff mRNA    16897301        16924532        .       -
        .
ID=Smp_175500.1;Parent=Smp_175500;geneID=Smp_175500;product=Transcri
ption factor GATA-4;polypeptide_domain=InterPro:IPR000679,IPR013088
Pfam:PF00320;Ontology_term=GO:0003700,GO:0006355,GO:0008270,GO:00435
65
SM_V9_3 Liftoff exon    16897301        16898708        .       -
        .       Parent=Smp_175500.1
SM_V9_3 Liftoff exon    16900237        16900603        .       -
        .       Parent=Smp_175500.1
SM_V9_3 Liftoff exon    16902734        16902859        .       -
        .       Parent=Smp_175500.1
SM_V9_3 Liftoff exon    16909147        16909760        .       -
        .       Parent=Smp_175500.1
SM_V9_3 Liftoff exon    16914182        16924532        .       -
        .       Parent=Smp_175500.1
SM_V9_3 Liftoff CDS     16897855        16898708        .       -
        2       Parent=Smp_175500.1
SM_V9_3 Liftoff CDS     16900237        16900603        .       -
        0       Parent=Smp_175500.1
SM_V9_3 Liftoff CDS     16902734        16902859        .       -
        0       Parent=Smp_175500.1
SM_V9_3 Liftoff CDS     16909147        16909760        .       -
        2       Parent=Smp_175500.1
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SM_V9_3 Liftoff CDS     16914182        16915124        .       -
        0       Parent=Smp_175500.1
SM_V9_3 Liftoff gene    16991556        17102731        .       +
        .       ID=Smp_175510;geneID=Smp_175510
SM_V9_3 Liftoff mRNA    16991556        17102731        .       +
        .
ID=Smp_175510.1;Parent=Smp_175510;geneID=Smp_175510;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR003006,IPR003599,IPR007110,IP
R013162,IPR013783 Pfam:PF08205
SM_V9_3 Liftoff exon    16991556        17033871        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17035307        17035834        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17044836        17045216        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17047868        17048212        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17069679        17070017        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17071478        17071704        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17076549        17076699        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17077152        17077571        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17080312        17080809        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17082053        17082496        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17083963        17084094        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17087006        17087033        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17089227        17089348        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17091189        17091698        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17093080        17093534        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17096495        17097343        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff exon    17101426        17102731        .       +
        .       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17033850        17033871        .       +
        0       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17035307        17035834        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17044836        17045216        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17047868        17048212        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17069679        17070017        .       +
        2       Parent=Smp_175510.1
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SM_V9_3 Liftoff CDS     17071478        17071704        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17076549        17076699        .       +
        0       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17077152        17077571        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17080312        17080809        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17082053        17082496        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17083963        17084094        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17087006        17087033        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17089227        17089348        .       +
        1       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17091189        17091698        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17093080        17093534        .       +
        2       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17096495        17097343        .       +
        0       Parent=Smp_175510.1
SM_V9_3 Liftoff CDS     17101426        17102085        .       +
        0       Parent=Smp_175510.1
SM_V9_3 Liftoff gene    17109630        17114122        .       -
        .
ID=Smp_341630;geneID=Smp_341630;previous_systematic_id=Smp_097090
SM_V9_3 Liftoff mRNA    17109630        17114122        .       -
        .
ID=Smp_341630.1;Parent=Smp_341630;geneID=Smp_341630;product=A-kinase
anchor protein 1,
mitochondrial;polypeptide_domain=InterPro:IPR002999,IPR035437
Pfam:PF00567
SM_V9_3 Liftoff exon    17109630        17110844        .       -
        .       Parent=Smp_341630.1
SM_V9_3 Liftoff exon    17112619        17112950        .       -
        .       Parent=Smp_341630.1
SM_V9_3 Liftoff exon    17112987        17113176        .       -
        .       Parent=Smp_341630.1
SM_V9_3 Liftoff exon    17113211        17114122        .       -
        .       Parent=Smp_341630.1
SM_V9_3 Liftoff CDS     17110028        17110844        .       -
        1       Parent=Smp_341630.1
SM_V9_3 Liftoff CDS     17112619        17112950        .       -
        0       Parent=Smp_341630.1
SM_V9_3 Liftoff CDS     17112987        17113176        .       -
        1       Parent=Smp_341630.1
SM_V9_3 Liftoff CDS     17113211        17113515        .       -
        0       Parent=Smp_341630.1
SM_V9_3 Liftoff gene    17118696        17149096        .       +
        .
ID=Smp_246920;geneID=Smp_246920;previous_systematic_id=Smp_097110,Sm
p_241810
SM_V9_3 Liftoff mRNA    17118696        17149096        .       +
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        .
ID=Smp_246920.1;Parent=Smp_246920;geneID=Smp_246920;product=Peregrin
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,IPR013083,IPR013087,IPR019542,IPR019786,IPR019787,IPR034732
Pfam:PF00439,PF00855,PF10513,PF13831,PF13832;Ontology_term=GO:000367
6,GO:0005515
SM_V9_3 Liftoff exon    17118696        17122587        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17123718        17123999        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17126140        17126375        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17130760        17130967        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17131684        17131845        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17132875        17133030        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17134681        17134905        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17138697        17138933        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17140644        17141158        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17143587        17144205        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17145743        17146273        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17147230        17147490        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff exon    17148634        17149096        .       +
        .       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17121787        17122587        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17123718        17123999        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17126140        17126375        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17130760        17130967        .       +
        1       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17131684        17131845        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17132875        17133030        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17134681        17134905        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17138697        17138933        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17140644        17141158        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17143587        17144205        .       +
        1       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17145743        17146273        .       +
        0       Parent=Smp_246920.1
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SM_V9_3 Liftoff CDS     17147230        17147490        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff CDS     17148634        17148741        .       +
        0       Parent=Smp_246920.1
SM_V9_3 Liftoff gene    17152617        17153162        .       -
        .       ID=Smp_076740;geneID=Smp_076740
SM_V9_3 Liftoff mRNA    17152617        17153162        .       -
        .
ID=Smp_076740.1;Parent=Smp_076740;geneID=Smp_076740;product=40S
ribosomal protein S15a;polypeptide_domain=InterPro:IPR000630
Pfam:PF00410;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_3 Liftoff exon    17152617        17152750        .       -
        .       Parent=Smp_076740.1
SM_V9_3 Liftoff exon    17152788        17153162        .       -
        .       Parent=Smp_076740.1
SM_V9_3 Liftoff CDS     17152657        17152750        .       -
        1       Parent=Smp_076740.1
SM_V9_3 Liftoff CDS     17152788        17153086        .       -
        0       Parent=Smp_076740.1
SM_V9_3 Liftoff gene    17163576        17169830        .       +
        .       ID=Smp_163460;geneID=Smp_163460
SM_V9_3 Liftoff mRNA    17163576        17169830        .       +
        .
ID=Smp_163460.1;Parent=Smp_163460;geneID=Smp_163460;product=Protein
RTF2 homolog;polypeptide_domain=InterPro:IPR013083,IPR027799
Pfam:PF04641
SM_V9_3 Liftoff exon    17163576        17163774        .       +
        .       Parent=Smp_163460.1
SM_V9_3 Liftoff exon    17163818        17164082        .       +
        .       Parent=Smp_163460.1
SM_V9_3 Liftoff exon    17166709        17166816        .       +
        .       Parent=Smp_163460.1
SM_V9_3 Liftoff exon    17169375        17169830        .       +
        .       Parent=Smp_163460.1
SM_V9_3 Liftoff CDS     17163611        17163774        .       +
        0       Parent=Smp_163460.1
SM_V9_3 Liftoff CDS     17163818        17164082        .       +
        1       Parent=Smp_163460.1
SM_V9_3 Liftoff CDS     17166709        17166816        .       +
        0       Parent=Smp_163460.1
SM_V9_3 Liftoff CDS     17169375        17169686        .       +
        0       Parent=Smp_163460.1
SM_V9_3 Liftoff gene    17171987        17206602        .       -
        .       ID=Smp_163450;geneID=Smp_163450
SM_V9_3 Liftoff mRNA    17171987        17206602        .       -
        .
ID=Smp_163450.1;Parent=Smp_163450;geneID=Smp_163450;product=Tubulin
polyglutamylase TTLL4;polypeptide_domain=InterPro:IPR004344
Pfam:PF03133;Ontology_term=GO:0006464
SM_V9_3 Liftoff exon    17171987        17172248        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17173189        17173518        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17175126        17175976        .       -
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        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17176886        17177119        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17178615        17178737        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17189056        17189138        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17190116        17190310        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17192190        17192266        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17195705        17195737        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17197087        17197197        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17199504        17199735        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17199784        17199917        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17201308        17201938        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17203128        17203194        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff exon    17205201        17206602        .       -
        .       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17172055        17172248        .       -
        2       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17173189        17173518        .       -
        2       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17175126        17175976        .       -
        1       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17176886        17177119        .       -
        1       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17178615        17178737        .       -
        1       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17189056        17189138        .       -
        0       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17190116        17190310        .       -
        0       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17192190        17192266        .       -
        2       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17195705        17195737        .       -
        2       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17197087        17197197        .       -
        2       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17199504        17199735        .       -
        0       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17199784        17199917        .       -
        2       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17201308        17201938        .       -
        0       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17203128        17203194        .       -
        1       Parent=Smp_163450.1
SM_V9_3 Liftoff CDS     17205201        17206411        .       -
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        0       Parent=Smp_163450.1
SM_V9_3 Liftoff gene    17225654        17252528        .       +
        .       ID=Smp_018250;geneID=Smp_018250
SM_V9_3 Liftoff mRNA    17225654        17252528        .       +
        .
ID=Smp_018250.1;Parent=Smp_018250;geneID=Smp_018250;product=Troponin
I 4;polypeptide_domain=InterPro:IPR001978
Pfam:PF00992;Ontology_term=GO:0005861
SM_V9_3 Liftoff exon    17225654        17226032        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17228917        17228929        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17229468        17229488        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17231594        17231620        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17236667        17236696        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17237480        17237509        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17240041        17240148        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17243414        17243534        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17244368        17244468        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17246262        17246305        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17247644        17247797        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff exon    17251020        17252528        .       +
        .       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17226007        17226032        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17228917        17228929        .       +
        1       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17229468        17229488        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17231594        17231620        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17236667        17236696        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17237480        17237509        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17240041        17240148        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17243414        17243534        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17244368        17244468        .       +
        2       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17246262        17246305        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff CDS     17247644        17247797        .       +
        1       Parent=Smp_018250.1
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SM_V9_3 Liftoff CDS     17251020        17251034        .       +
        0       Parent=Smp_018250.1
SM_V9_3 Liftoff mRNA    17225654        17252528        .       +
        .
ID=Smp_018250.2;Parent=Smp_018250;geneID=Smp_018250;product=Troponin
I 4;polypeptide_domain=InterPro:IPR001978
Pfam:PF00992;Ontology_term=GO:0005861
SM_V9_3 Liftoff exon    17225654        17226032        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17228917        17228929        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17231594        17231620        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17236667        17236696        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17237480        17237509        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17240041        17240148        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17243414        17243534        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17244368        17244468        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17246262        17246305        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17247644        17247797        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff exon    17251020        17252528        .       +
        .       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17226007        17226032        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17228917        17228929        .       +
        1       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17231594        17231620        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17236667        17236696        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17237480        17237509        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17240041        17240148        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17243414        17243534        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17244368        17244468        .       +
        2       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17246262        17246305        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17247644        17247797        .       +
        1       Parent=Smp_018250.2
SM_V9_3 Liftoff CDS     17251020        17251034        .       +
        0       Parent=Smp_018250.2
SM_V9_3 Liftoff gene    17264600        17282150        .       -
        .       ID=Smp_018260;geneID=Smp_018260
SM_V9_3 Liftoff mRNA    17264600        17282150        .       -
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        .
ID=Smp_018260.1;Parent=Smp_018260;geneID=Smp_018260;product=Glycogen
[starch] synthase;polypeptide_domain=InterPro:IPR008631
Pfam:PF05693;Ontology_term=GO:0004373,GO:0005978
SM_V9_3 Liftoff exon    17264600        17265234        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17266795        17266896        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17267723        17267880        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17268843        17268969        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17269520        17269675        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17269774        17269977        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17272296        17272416        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17272503        17272750        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17275324        17275539        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17277639        17277830        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17281705        17281886        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff exon    17281972        17282150        .       -
        .       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17264941        17265234        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17266795        17266896        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17267723        17267880        .       -
        2       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17268843        17268969        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17269520        17269675        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17269774        17269977        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17272296        17272416        .       -
        1       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17272503        17272750        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17275324        17275539        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17277639        17277830        .       -
        0       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17281705        17281886        .       -
        2       Parent=Smp_018260.1
SM_V9_3 Liftoff CDS     17281972        17282113        .       -
        0       Parent=Smp_018260.1
SM_V9_3 iris    gene    17293224        17341792        .       +
        .
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ID=Smp_132200;geneID=Smp_132200;gene_name=Smp_132200;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17293224        17341792        .       +
       .
ID=Smp_132200.1;Parent=Smp_132200;geneID=Smp_132200;gene_name=Smp_13
2200;owner=irisadmin@local.host;orig_id=Smp_132200.1;date_last_modif
ied=2022-07-26;Name=Smp_132200.1;product=Leucine-rich repeat protein
SHOC-2;date_creation=2022-07-26
SM_V9_3 iris    exon    17293224        17293829        .       +
       .       Parent=Smp_132200.1;Name=07df6993-5703-46ab-b9e4-
f88a131230b7
SM_V9_3 iris    exon    17296785        17297177        .       +
       .       Parent=Smp_132200.1;Name=428c5d79-e272-4a32-
bcfc-738f9737d0c7
SM_V9_3 iris    exon    17298429        17298552        .       +
       .       Parent=Smp_132200.1;Name=bef2a9bb-a93e-4bd7-
a9d9-7ece02a6c53e
SM_V9_3 iris    exon    17302432        17302540        .       +
       .       Parent=Smp_132200.1;Name=4447f37b-938e-4953-9edb-
ebedc2e5b8c2
SM_V9_3 iris    exon    17303283        17303376        .       +
       .       Parent=Smp_132200.1;Name=ccc351f0-4794-481e-932e-
bf7b67950628
SM_V9_3 iris    exon    17303632        17303736        .       +
       .       Parent=Smp_132200.1;Name=8c73a49a-c1ea-4356-9a7e-
d2b692d4ae7b
SM_V9_3 iris    exon    17307717        17307834        .       +
       .       Parent=Smp_132200.1;Name=28ebb72b-6306-4bdf-
b3b8-6bed10100bc7
SM_V9_3 iris    exon    17309450        17309574        .       +
       .       Parent=Smp_132200.1;Name=14d3551f-a681-4668-
ab01-83eab69bfd33
SM_V9_3 iris    exon    17321192        17321349        .       +
       .       Parent=Smp_132200.1;Name=fe025ac1-28a1-4f0a-94cb-
cc329f768e58
SM_V9_3 iris    exon    17323587        17323654        .       +
       .       Parent=Smp_132200.1;Name=91c0f764-989e-4b6c-b250-
c00ed39d77bd
SM_V9_3 iris    exon    17334422        17334595        .       +
       .       Parent=Smp_132200.1;Name=4fe3c688-e8f0-4857-
b0f4-5a528811f5c0
SM_V9_3 iris    exon    17337222        17337365        .       +
       .       Parent=Smp_132200.1;Name=462bd60d-2906-49a1-9af3-
bedebb090a23
SM_V9_3 iris    exon    17340788        17341792        .       +
       .       Parent=Smp_132200.1;Name=0b33ba45-3da8-42b0-
abca-524209f55076
SM_V9_3 iris    CDS     17293470        17293829        .       +
       0       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17296785        17297177        .       +
       0       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17298429        17298552        .       +
       0       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17302432        17302540        .       +
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        2       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17303283        17303376        .       +
        1       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17303632        17303736        .       +
        0       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17307717        17307834        .       +
        0       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17309450        17309574        .       +
        2       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17321192        17321349        .       +
        0       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17323587        17323654        .       +
        1       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17334422        17334595        .       +
        2       Parent=Smp_132200.1
SM_V9_3 iris    CDS     17337222        17337340        .       +
        2       Parent=Smp_132200.1
SM_V9_3 iris    gene    17349833        17371396        .       +
        .
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17349833        17371396        .       +
        .
ID=Smp_018280.1;Parent=Smp_018280;geneID=Smp_018280;gene_name=Smp_01
8280;owner=irisadmin@local.host;orig_id=Smp_018280.1;date_last_modif
ied=2022-07-26;Name=Smp_018280.1;product=Polynucleotide 5'-hydroxyl-
kinase NOL9;date_creation=2022-07-26
SM_V9_3 iris    exon    17349833        17350906        .       +
        .       Parent=Smp_018280.1;Name=Smp_018280.1-CDS
SM_V9_3 iris    exon    17355844        17355983        .       +
        .       Parent=Smp_018280.1;Name=f1fcead0-
a179-4730-9ad9-4cdb633b92b3
SM_V9_3 iris    exon    17358799        17358950        .       +
        .       Parent=Smp_018280.1;Name=a141a88f-ec5e-4449-a783-
dd93779da045
SM_V9_3 iris    exon    17361097        17361155        .       +
        .       Parent=Smp_018280.1;Name=ac8831f0-
d268-4e60-8a52-1c4cf1cc2493
SM_V9_3 iris    exon    17364442        17364913        .       +
        .       Parent=Smp_018280.1;Name=a9e45143-4b1b-4360-87ce-
b7a5e6a6049c
SM_V9_3 iris    exon    17367781        17367853        .       +
        .       Parent=Smp_018280.1;Name=87be153f-
d18c-4d27-9241-1815b236ad60
SM_V9_3 iris    exon    17369911        17370044        .       +
        .       Parent=Smp_018280.1;Name=0b11d13c-
b0c4-448d-8dde-9960121fef73
SM_V9_3 iris    exon    17371104        17371396        .       +
        .       Parent=Smp_018280.1;Name=c1e5443e-f5a4-4336-9ed8-
faa8a150ce00
SM_V9_3 iris    CDS     17349930        17350906        .       +
        0       Parent=Smp_018280.1
SM_V9_3 iris    CDS     17355844        17355983        .       +
        1       Parent=Smp_018280.1
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SM_V9_3 iris    CDS     17358799        17358950        .       +
        2       Parent=Smp_018280.1
SM_V9_3 iris    CDS     17361097        17361155        .       +
        0       Parent=Smp_018280.1
SM_V9_3 iris    CDS     17364442        17364913        .       +
        1       Parent=Smp_018280.1
SM_V9_3 iris    CDS     17367781        17367853        .       +
        0       Parent=Smp_018280.1
SM_V9_3 iris    CDS     17369911        17370044        .       +
        2       Parent=Smp_018280.1
SM_V9_3 iris    CDS     17371104        17371271        .       +
        0       Parent=Smp_018280.1
SM_V9_3 iris    gene    17379094        17388752        .       +
        .
ID=Smp_018290;geneID=Smp_018290;gene_name=Smp_018290;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17379094        17388752        .       +
        .
ID=Smp_018290.1;Parent=Smp_018290;geneID=Smp_018290;gene_name=Smp_01
8290;owner=irisadmin@local.host;orig_id=Smp_018290.1;date_last_modif
ied=2022-07-26;Name=Smp_018290.1;product=Serine/threonine-protein
kinase 17A;date_creation=2022-07-26
SM_V9_3 iris    exon    17379094        17379262        .       +
        .
Parent=Smp_018290.1;Name=0ce75472-1481-4646-99d6-14449cf27547
SM_V9_3 iris    exon    17379307        17379519        .       +
        .       Parent=Smp_018290.1;Name=3e7b9d4b-1100-4436-
adee-37bb5ac977ae
SM_V9_3 iris    exon    17382019        17382160        .       +
        .       Parent=Smp_018290.1;Name=a7a77744-dc31-4f6f-
bbee-02032aedbdd3
SM_V9_3 iris    exon    17383825        17383951        .       +
        .       Parent=Smp_018290.1;Name=51150030-
a5c1-49f7-8079-04c58be255f3
SM_V9_3 iris    exon    17386100        17386148        .       +
        .       Parent=Smp_018290.1;Name=28650ca7-458a-4fba-
aa34-299851588458
SM_V9_3 iris    exon    17386911        17387090        .       +
        .       Parent=Smp_018290.1;Name=47c99c0a-99a1-4612-b6b7-
c5eb2b3c8db2
SM_V9_3 iris    exon    17388355        17388752        .       +
        .       Parent=Smp_018290.1;Name=14990736-c569-402b-ab1f-
e18ec234539e
SM_V9_3 iris    CDS     17379156        17379262        .       +
        0       Parent=Smp_018290.1
SM_V9_3 iris    CDS     17379307        17379519        .       +
        1       Parent=Smp_018290.1
SM_V9_3 iris    CDS     17382019        17382160        .       +
        1       Parent=Smp_018290.1
SM_V9_3 iris    CDS     17383825        17383951        .       +
        0       Parent=Smp_018290.1
SM_V9_3 iris    CDS     17386100        17386148        .       +
        2       Parent=Smp_018290.1
SM_V9_3 iris    CDS     17386911        17387090        .       +
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        1       Parent=Smp_018290.1
SM_V9_3 iris    CDS     17388355        17388493        .       +
        1       Parent=Smp_018290.1
SM_V9_3 iris    gene    17411352        17417170        .       -
        .
ID=Smp_132210;geneID=Smp_132210;gene_name=Smp_132210;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17411352        17417170        .       -
        .
ID=Smp_132210.1;Parent=Smp_132210;geneID=Smp_132210;gene_name=Smp_13
2210;owner=irisadmin@local.host;orig_id=Smp_132210.1;date_last_modif
ied=2022-07-26;Name=Smp_132210.1;product=F-box only protein
32;date_creation=2022-07-26
SM_V9_3 iris    exon    17411352        17412270        .       -
        .       Parent=Smp_132210.1;Name=8245e985-
ff1e-4774-9f83-3961698c557b
SM_V9_3 iris    exon    17414284        17414700        .       -
        .       Parent=Smp_132210.1;Name=c15d0e7f-
d6fa-4c06-8d3e-92c5cbf58b65
SM_V9_3 iris    exon    17416379        17416548        .       -
        .
Parent=Smp_132210.1;Name=78cdb3da-9f64-43b1-8440-24410c85d448
SM_V9_3 iris    exon    17416582        17416675        .       -
        .       Parent=Smp_132210.1;Name=da442c38-d51e-4375-ac9a-
ac392eb3d619
SM_V9_3 iris    exon    17416705        17416797        .       -
        .       Parent=Smp_132210.1;Name=31e73dcd-bca2-48a2-
b05e-430877122146
SM_V9_3 iris    exon    17416833        17416947        .       -
        .       Parent=Smp_132210.1;Name=56d9b8c6-afbe-4f76-
bf73-987131323a3a
SM_V9_3 iris    exon    17416983        17417170        .       -
        .       Parent=Smp_132210.1;Name=b586bbc8-3b76-4c95-
b1e8-9a706be98c75
SM_V9_3 iris    CDS     17412181        17412270        .       -
        0       Parent=Smp_132210.1
SM_V9_3 iris    CDS     17414284        17414700        .       -
        0       Parent=Smp_132210.1
SM_V9_3 iris    CDS     17416379        17416548        .       -
        2       Parent=Smp_132210.1
SM_V9_3 iris    CDS     17416582        17416675        .       -
        0       Parent=Smp_132210.1
SM_V9_3 iris    CDS     17416705        17416797        .       -
        0       Parent=Smp_132210.1
SM_V9_3 iris    CDS     17416833        17416947        .       -
        1       Parent=Smp_132210.1
SM_V9_3 iris    CDS     17416983        17417119        .       -
        0       Parent=Smp_132210.1
SM_V9_3 Liftoff gene    17431514        17432120        .       +
        .       ID=Smp_018310;geneID=Smp_018310
SM_V9_3 Liftoff mRNA    17431514        17431937        .       +
        .
ID=Smp_018310.2;Parent=Smp_018310;geneID=Smp_018310;product=Estrogen
receptor
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SM_V9_3 Liftoff exon    17431514        17431596        .       +
        .       Parent=Smp_018310.2
SM_V9_3 Liftoff exon    17431629        17431937        .       +
        .       Parent=Smp_018310.2
SM_V9_3 Liftoff CDS     17431550        17431596        .       +
        0       Parent=Smp_018310.2
SM_V9_3 Liftoff CDS     17431629        17431764        .       +
        1       Parent=Smp_018310.2
SM_V9_3 Liftoff mRNA    17431514        17432120        .       +
        .
ID=Smp_018310.1;Parent=Smp_018310;geneID=Smp_018310;product=rRNA-
processing protein FYV7;polypeptide_domain=InterPro:IPR013730
Pfam:PF08524
SM_V9_3 Liftoff exon    17431514        17431596        .       +
        .       Parent=Smp_018310.1
SM_V9_3 Liftoff exon    17431629        17431719        .       +
        .       Parent=Smp_018310.1
SM_V9_3 Liftoff exon    17431754        17432120        .       +
        .       Parent=Smp_018310.1
SM_V9_3 Liftoff CDS     17431550        17431596        .       +
        0       Parent=Smp_018310.1
SM_V9_3 Liftoff CDS     17431629        17431719        .       +
        1       Parent=Smp_018310.1
SM_V9_3 Liftoff CDS     17431754        17431918        .       +
        0       Parent=Smp_018310.1
SM_V9_3 Liftoff gene    17441134        17456584        .       +
        .       ID=Smp_132230;geneID=Smp_132230
SM_V9_3 Liftoff mRNA    17441134        17456584        .       +
        .
ID=Smp_132230.1;Parent=Smp_132230;geneID=Smp_132230;product=homeobox
domain containing protein;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR0
20479 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    17441134        17445564        .       +
        .       Parent=Smp_132230.1
SM_V9_3 Liftoff exon    17445613        17446165        .       +
        .       Parent=Smp_132230.1
SM_V9_3 Liftoff exon    17448495        17448943        .       +
        .       Parent=Smp_132230.1
SM_V9_3 Liftoff exon    17454168        17454262        .       +
        .       Parent=Smp_132230.1
SM_V9_3 Liftoff exon    17456338        17456584        .       +
        .       Parent=Smp_132230.1
SM_V9_3 Liftoff CDS     17445481        17445564        .       +
        0       Parent=Smp_132230.1
SM_V9_3 Liftoff CDS     17445613        17446165        .       +
        0       Parent=Smp_132230.1
SM_V9_3 Liftoff CDS     17448495        17448943        .       +
        2       Parent=Smp_132230.1
SM_V9_3 Liftoff CDS     17454168        17454262        .       +
        0       Parent=Smp_132230.1
SM_V9_3 Liftoff CDS     17456338        17456512        .       +
        1       Parent=Smp_132230.1
SM_V9_3 Liftoff gene    17462326        17482140        .       -
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        .       ID=Smp_132240;geneID=Smp_132240
SM_V9_3 Liftoff mRNA    17462326        17482071        .       -
        .
ID=Smp_132240.1;Parent=Smp_132240;geneID=Smp_132240;product=Rhotekin
;polypeptide_domain=InterPro:IPR012966 Pfam:PF08174
SM_V9_3 Liftoff exon    17462326        17462969        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17464581        17465601        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17468375        17468683        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17470921        17471055        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17473881        17474178        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17474859        17474896        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17475983        17476118        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17477010        17477289        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17479169        17479466        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff exon    17480498        17482071        .       -
        .       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17462845        17462969        .       -
        2       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17464581        17465601        .       -
        0       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17468375        17468683        .       -
        0       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17470921        17471055        .       -
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SM_V9_3 Liftoff CDS     17473881        17474178        .       -
        1       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17474859        17474896        .       -
        0       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17475983        17476118        .       -
        1       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17477010        17477289        .       -
        2       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17479169        17479466        .       -
        0       Parent=Smp_132240.1
SM_V9_3 Liftoff CDS     17480498        17480605        .       -
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SM_V9_3 Liftoff mRNA    17462326        17482140        .       -
        .
ID=Smp_132240.2;Parent=Smp_132240;geneID=Smp_132240;product=Rhotekin
;polypeptide_domain=InterPro:IPR012966 Pfam:PF08174
SM_V9_3 Liftoff exon    17462326        17462969        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff exon    17464581        17465601        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff exon    17468375        17468683        .       -
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SM_V9_3 Liftoff exon    17470921        17471055        .       -
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SM_V9_3 Liftoff exon    17473881        17474178        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff exon    17474859        17474896        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff exon    17475983        17476118        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff exon    17477010        17477289        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff exon    17479169        17479466        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff exon    17482023        17482140        .       -
        .       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17462845        17462969        .       -
        2       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17464581        17465601        .       -
        0       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17468375        17468683        .       -
        0       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17470921        17471055        .       -
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SM_V9_3 Liftoff CDS     17473881        17474178        .       -
        1       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17474859        17474896        .       -
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SM_V9_3 Liftoff CDS     17475983        17476118        .       -
        1       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17477010        17477289        .       -
        2       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17479169        17479466        .       -
        0       Parent=Smp_132240.2
SM_V9_3 Liftoff CDS     17482023        17482058        .       -
        0       Parent=Smp_132240.2
SM_V9_3 Liftoff gene    17483255        17515733        .       +
        .       ID=Smp_132250;geneID=Smp_132250
SM_V9_3 Liftoff mRNA    17483255        17515733        .       +
        .
ID=Smp_132250.1;Parent=Smp_132250;geneID=Smp_132250;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    17483255        17485848        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17488158        17488362        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17489174        17489440        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17496476        17496528        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17496571        17496618        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17496942        17497576        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17499306        17500362        .       +
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        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17502708        17502800        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17507600        17507691        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17508748        17508850        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17509891        17510114        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17511374        17511859        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff exon    17515043        17515733        .       +
        .       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17485345        17485848        .       +
        0       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17488158        17488362        .       +
        0       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17489174        17489440        .       +
        2       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17496476        17496528        .       +
        2       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17496571        17496618        .       +
        0       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17496942        17497576        .       +
        0       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17499306        17500362        .       +
        1       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17502708        17502800        .       +
        0       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17507600        17507691        .       +
        0       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17508748        17508850        .       +
        1       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17509891        17510114        .       +
        0       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17511374        17511859        .       +
        1       Parent=Smp_132250.1
SM_V9_3 Liftoff CDS     17515043        17515529        .       +
        1       Parent=Smp_132250.1
SM_V9_3 iris    gene    17517126        17550139        .       -
        .
ID=Smp_018360;geneID=Smp_018360;gene_name=Smp_018360;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17517126        17550139        .       -
        .
ID=Smp_018360.1;Parent=Smp_018360;geneID=Smp_018360;gene_name=Smp_01
8360;owner=irisadmin@local.host;orig_id=Smp_018360.2;date_last_modif
ied=2022-07-26;Name=Smp_018360.1;product=PI-PLC X domain-containing
protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    17517126        17517721        .       -
        .       Parent=Smp_018360.1;Name=690e8aea-a9b5-4297-
a4d1-07445cbbec45
SM_V9_3 iris    exon    17518938        17519149        .       -
        .       Parent=Smp_018360.1;Name=bb3a4b6a-
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a614-4136-9819-428a4bdfd328
SM_V9_3 iris    exon    17520793        17521199        .       -
        .
Parent=Smp_018360.1;Name=2cf59751-08f5-48f5-8f10-073d2cc19f96
SM_V9_3 iris    exon    17545820        17545905        .       -
        .
Parent=Smp_018360.1;Name=dc895e67-2736-48aa-82c1-72e0fccf52a0
SM_V9_3 iris    exon    17545949        17545985        .       -
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        .
Parent=Smp_018360.1;Name=ab87ce78-53a1-484e-9c70-5b0a2713b8e6
SM_V9_3 iris    CDS     17517439        17517721        .       -
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SM_V9_3 iris    CDS     17518938        17519149        .       -
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SM_V9_3 iris    CDS     17520793        17521199        .       -
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SM_V9_3 iris    CDS     17545820        17545898        .       -
        0       Parent=Smp_018360.1
SM_V9_3 iris    gene    17558381        17629765        .       +
        .
ID=Smp_132260;geneID=Smp_132260;gene_name=Smp_132260;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17558381        17629765        .       +
        .
ID=Smp_132260.1;Parent=Smp_132260;geneID=Smp_132260;gene_name=Smp_13
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ied=2022-07-26;Name=Smp_132260.1;product=Serine/threonine-protein
kinase 36;date_creation=2022-07-26
SM_V9_3 iris    exon    17558381        17558514        .       +
        .       Parent=Smp_132260.1;Name=f0832082-a2bc-41b3-
a8fd-72cfff239bbc
SM_V9_3 iris    exon    17558557        17558697        .       +
        .       Parent=Smp_132260.1;Name=d487e39e-8b10-41e9-
b47c-9f60c926c622
SM_V9_3 iris    exon    17558749        17558826        .       +
        .       Parent=Smp_132260.1;Name=8cbe79e9-cd24-40a6-
ba0b-8acbdbf39b17
SM_V9_3 iris    exon    17558862        17559041        .       +
        .
Parent=Smp_132260.1;Name=bbf1fd45-748f-45e7-8e2b-8e8bd59bd62b
SM_V9_3 iris    exon    17559081        17559148        .       +
        .       Parent=Smp_132260.1;Name=775d8dd8-b985-4154-a5f4-
dd0beeb45895
SM_V9_3 iris    exon    17559184        17559410        .       +
        .       Parent=Smp_132260.1;Name=8b0bc7ca-ee93-4bcf-97e5-
cf819e5a24fe
SM_V9_3 iris    exon    17560736        17561142        .       +
        .       Parent=Smp_132260.1;Name=afb04d54-9154-43a5-bd97-
a7d9a2e8da03
SM_V9_3 iris    exon    17562867        17562941        .       +
        .       Parent=Smp_132260.1;Name=68e62d44-482d-45ec-814e-
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f397c6d82971
SM_V9_3 iris    exon    17564185        17564364        .       +
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ad90-60f99d2e76b2
SM_V9_3 iris    exon    17566755        17567299        .       +
        .       Parent=Smp_132260.1;Name=aabad8c7-1b72-422c-
bc12-219e62bfa163
SM_V9_3 iris    exon    17571582        17571681        .       +
        .       Parent=Smp_132260.1;Name=2af96ccf-dd85-45ef-
a237-6997a4e8595f
SM_V9_3 iris    exon    17573910        17574007        .       +
        .       Parent=Smp_132260.1;Name=444677dd-d3de-47be-abaf-
eb557a387753
SM_V9_3 iris    exon    17576836        17576941        .       +
        .       Parent=Smp_132260.1;Name=e97bedb3-9160-4415-
a2f0-2fefbca87292
SM_V9_3 iris    exon    17577799        17577940        .       +
        .       Parent=Smp_132260.1;Name=2282964e-a82d-49a0-a80b-
c356461d7ca5
SM_V9_3 iris    exon    17579027        17579196        .       +
        .       Parent=Smp_132260.1;Name=d4482d69-
f6bd-4baf-8223-3226ce4c2d08
SM_V9_3 iris    exon    17585056        17585163        .       +
        .       Parent=Smp_132260.1;Name=4641e57c-3565-4258-
bd8c-84c01f6e5109
SM_V9_3 iris    exon    17591561        17591662        .       +
        .
Parent=Smp_132260.1;Name=e170175a-4fc7-4799-9e3d-1d874cfd3819
SM_V9_3 iris    exon    17592735        17592829        .       +
        .       Parent=Smp_132260.1;Name=00e126e8-
d1ca-421a-8149-98702a43632c
SM_V9_3 iris    exon    17594593        17594656        .       +
        .       Parent=Smp_132260.1;Name=3ed0a6a0-7a53-4ffe-a3e4-
ce90cd3065ec
SM_V9_3 iris    exon    17596464        17596778        .       +
        .       Parent=Smp_132260.1;Name=8de195c2-
a732-4469-9fa5-8c75f94d896e
SM_V9_3 iris    exon    17598043        17598237        .       +
        .       Parent=Smp_132260.1;Name=00096b53-e2d9-4b96-
a1d0-2934e553eecb
SM_V9_3 iris    exon    17601389        17601492        .       +
        .
Parent=Smp_132260.1;Name=bc1240fa-09b6-415d-8966-2d81e439da88
SM_V9_3 iris    exon    17609321        17609437        .       +
        .
Parent=Smp_132260.1;Name=d2b807f7-8779-43e0-9f12-1c29a29fd42e
SM_V9_3 iris    exon    17610621        17611026        .       +
        .       Parent=Smp_132260.1;Name=61190294-54af-4b2e-97e9-
c6afe1bf750d
SM_V9_3 iris    exon    17616860        17617066        .       +
        .       Parent=Smp_132260.1;Name=ee77ac8f-9f2e-4d53-ab8e-
e017487b2be3
SM_V9_3 iris    exon    17617719        17617740        .       +
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Parent=Smp_132260.1;Name=3e3b197c-9551-437b-8126-0441ca06ff1e
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        .       Parent=Smp_132260.1;Name=a98af69d-8033-481a-
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SM_V9_3 iris    exon    17622040        17622112        .       +
        .
Parent=Smp_132260.1;Name=5683c3ef-696c-4abf-978a-49eda4b00cb4
SM_V9_3 iris    exon    17627341        17627440        .       +
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SM_V9_3 iris    exon    17628656        17629765        .       +
        .       Parent=Smp_132260.1;Name=f680e4be-dc16-40c0-
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SM_V9_3 iris    CDS     17558425        17558514        .       +
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        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17558862        17559041        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17559081        17559148        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17559184        17559410        .       +
        1       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17560736        17561142        .       +
        2       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17562867        17562941        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17564185        17564364        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17566755        17567299        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17571582        17571681        .       +
        1       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17573910        17574007        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17576836        17576941        .       +
        1       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17577799        17577940        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17579027        17579196        .       +
        2       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17585056        17585163        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17591561        17591662        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17592735        17592829        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17594593        17594656        .       +
        1       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17596464        17596778        .       +
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SM_V9_3 iris    CDS     17598043        17598237        .       +
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        1       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17610621        17611026        .       +
        1       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17616860        17617066        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17617719        17617740        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17618892        17619389        .       +
        2       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17622040        17622112        .       +
        2       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17627341        17627440        .       +
        1       Parent=Smp_132260.1
SM_V9_3 iris    CDS     17628656        17628859        .       +
        0       Parent=Smp_132260.1
SM_V9_3 iris    gene    17684435        17758069        .       +
        .
ID=Smp_132270;geneID=Smp_132270;gene_name=Smp_132270 ;owner=irisadmi
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SM_V9_3 iris    mRNA    17684435        17758069        .       +
        .
ID=Smp_132270.1;Parent=Smp_132270;geneID=Smp_132270;gene_name=Smp_13
2270 ;owner=irisadmin@local.host;orig_id=Smp_132270.1;date_last_modi
fied=2022-07-26;Name=Smp_132270.1;product=Poly(rC)-binding protein
3;date_creation=2022-07-26
SM_V9_3 iris    exon    17684435        17685107        .       +
        .       Parent=Smp_132270.1;Name=81656c17-
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SM_V9_3 iris    exon    17706877        17707654        .       +
        .       Parent=Smp_132270.1;Name=ce67819c-
e48b-44b3-98ba-0d88be48b05d
SM_V9_3 iris    exon    17716709        17716732        .       +
        .
Parent=Smp_132270.1;Name=7a020ec2-7202-434c-9c25-001f37fd571a
SM_V9_3 iris    exon    17733401        17733433        .       +
        .       Parent=Smp_132270.1;Name=54da25a4-
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SM_V9_3 iris    exon    17734937        17735053        .       +
        .       Parent=Smp_132270.1;Name=932ba789-9d9e-4e21-807f-
a0945520aeb4
SM_V9_3 iris    exon    17735642        17735779        .       +
        .       Parent=Smp_132270.1;Name=256f1659-
bc3c-4ac1-8939-5d88a9dc16ad
SM_V9_3 iris    exon    17739840        17739968        .       +
        .       Parent=Smp_132270.1;Name=3fe92615-9221-4ac0-9d38-
d007c85430aa
SM_V9_3 iris    exon    17740920        17741057        .       +
        .       Parent=Smp_132270.1;Name=720e3d21-e852-41d3-
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SM_V9_3 iris    exon    17743620        17743908        .       +
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        .       Parent=Smp_132270.1;Name=99b9b520-fb07-4122-
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SM_V9_3 iris    exon    17755526        17758069        .       +
        .       Parent=Smp_132270.1;Name=9c478b49-6256-47a7-87e5-
ed2fdd22618e
SM_V9_3 iris    CDS     17706932        17707654        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17716709        17716732        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17733401        17733433        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17734937        17735053        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17735642        17735779        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17739840        17739968        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17740920        17741057        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17743620        17743908        .       +
        0       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17752623        17753409        .       +
        2       Parent=Smp_132270.1
SM_V9_3 iris    CDS     17755526        17755910        .       +
        1       Parent=Smp_132270.1
SM_V9_3 iris    gene    17790470        17802981        .       -
        .
ID=Smp_018400;geneID=Smp_018400;gene_name=Smp_018400;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17790470        17802981        .       -
        .
ID=Smp_018400.1;Parent=Smp_018400;geneID=Smp_018400;gene_name=Smp_01
8400;owner=irisadmin@local.host;orig_id=Smp_018400.2;date_last_modif
ied=2022-07-26;Name=Smp_018400.1;product=Probable cytosolic iron-
sulfur protein assembly protein CIAO1
homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    17790470        17790999        .       -
        .       Parent=Smp_018400.1;Name=b790716b-
b27a-4391-8139-1f94d086bbc4
SM_V9_3 iris    exon    17792594        17792675        .       -
        .       Parent=Smp_018400.1;Name=1f32b537-
c1b4-4e6d-8bed-708c1477d487
SM_V9_3 iris    exon    17795904        17796005        .       -
        .       Parent=Smp_018400.1;Name=51e56c9a-3229-4f20-8197-
b0ce8e732bb7
SM_V9_3 iris    exon    17798211        17798292        .       -
        .
Parent=Smp_018400.1;Name=c5525dd2-8766-4c06-80d9-68228e259930
SM_V9_3 iris    exon    17800784        17800965        .       -
        .       Parent=Smp_018400.1;Name=4699bad5-7b54-4842-
b6a8-176c83b7367d
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SM_V9_3 iris    exon    17802543        17802981        .       -
        .
Parent=Smp_018400.1;Name=71376257-0d26-44b1-87f6-04df4cb3d6de
SM_V9_3 iris    CDS     17790705        17790999        .       -
        1       Parent=Smp_018400.1
SM_V9_3 iris    CDS     17792594        17792675        .       -
        2       Parent=Smp_018400.1
SM_V9_3 iris    CDS     17795904        17796005        .       -
        2       Parent=Smp_018400.1
SM_V9_3 iris    CDS     17798211        17798292        .       -
        0       Parent=Smp_018400.1
SM_V9_3 iris    CDS     17800784        17800965        .       -
        2       Parent=Smp_018400.1
SM_V9_3 iris    CDS     17802543        17802567        .       -
        0       Parent=Smp_018400.1
SM_V9_3 Liftoff gene    17809645        17821409        .       +
        .       ID=Smp_132280;geneID=Smp_132280
SM_V9_3 Liftoff mRNA    17809645        17821409        .       +
        .
ID=Smp_132280.1;Parent=Smp_132280;geneID=Smp_132280;product=Netrin
receptor UNC5B-a;polypeptide_domain=InterPro:IPR000884 Pfam:PF00090
SM_V9_3 Liftoff exon    17809645        17809850        .       +
        .       Parent=Smp_132280.1
SM_V9_3 Liftoff exon    17813512        17813892        .       +
        .       Parent=Smp_132280.1
SM_V9_3 Liftoff exon    17816521        17816643        .       +
        .       Parent=Smp_132280.1
SM_V9_3 Liftoff exon    17817680        17817903        .       +
        .       Parent=Smp_132280.1
SM_V9_3 Liftoff exon    17818651        17819104        .       +
        .       Parent=Smp_132280.1
SM_V9_3 Liftoff exon    17821201        17821409        .       +
        .       Parent=Smp_132280.1
SM_V9_3 Liftoff CDS     17809766        17809850        .       +
        0       Parent=Smp_132280.1
SM_V9_3 Liftoff CDS     17813512        17813892        .       +
        2       Parent=Smp_132280.1
SM_V9_3 Liftoff CDS     17816521        17816643        .       +
        2       Parent=Smp_132280.1
SM_V9_3 Liftoff CDS     17817680        17817903        .       +
        2       Parent=Smp_132280.1
SM_V9_3 Liftoff CDS     17818651        17819104        .       +
        0       Parent=Smp_132280.1
SM_V9_3 Liftoff CDS     17821201        17821382        .       +
        2       Parent=Smp_132280.1
SM_V9_3 iris    gene    17826425        17829951        .       +
        .
ID=Smp_018430;geneID=Smp_018430;gene_name=Smp_018430;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17826425        17829951        .       +
        .
ID=Smp_018430.1;Parent=Smp_018430;geneID=Smp_018430;gene_name=Smp_01
8430;owner=irisadmin@local.host;orig_id=Smp_018430.2;date_last_modif
ied=2022-07-26;Name=Smp_018430.1;product=Mitochondrial inner
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membrane protease subunit 1;date_creation=2022-07-26
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        .       Parent=Smp_018430.1;Name=50dd9572-b05d-452f-bb10-
c565995649de
SM_V9_3 iris    exon    17826496        17826712        .       +
        .       Parent=Smp_018430.1;Name=4fe93aef-86f5-4b1f-
ab7b-12188f7b7bd8
SM_V9_3 iris    exon    17826749        17826837        .       +
        .       Parent=Smp_018430.1;Name=9963b4ee-d0d7-4e20-a8af-
f3b1c29c308c
SM_V9_3 iris    exon    17826872        17827001        .       +
        .       Parent=Smp_018430.1;Name=502fa57f-cf56-4883-9cb2-
c4d32e8b9032
SM_V9_3 iris    exon    17829220        17829951        .       +
        .       Parent=Smp_018430.1;Name=5003392d-
b16c-4557-9f94-721f5c257ec2
SM_V9_3 iris    CDS     17826584        17826712        .       +
        0       Parent=Smp_018430.1
SM_V9_3 iris    CDS     17826749        17826837        .       +
        0       Parent=Smp_018430.1
SM_V9_3 iris    CDS     17826872        17827001        .       +
        1       Parent=Smp_018430.1
SM_V9_3 iris    CDS     17829220        17829468        .       +
        0       Parent=Smp_018430.1
SM_V9_3 iris    gene    17857674        17918829        .       -
        .
ID=Smp_018440;geneID=Smp_018440;gene_name=Smp_018440;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17857674        17918829        .       -
        .
ID=Smp_018440.1;Parent=Smp_018440;geneID=Smp_018440;gene_name=Smp_01
8440;owner=irisadmin@local.host;orig_id=Smp_018440.1;date_last_modif
ied=2022-07-26;Name=Smp_018440.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    17857674        17858939        .       -
        .       Parent=Smp_018440.1;Name=05d0c1df-4fa0-49d3-b687-
f8f9b85fd284
SM_V9_3 iris    exon    17914676        17918829        .       -
        .       Parent=Smp_018440.1;Name=6cef9586-9086-4803-
bec5-8864cf803b36
SM_V9_3 iris    CDS     17858683        17858939        .       -
        2       Parent=Smp_018440.1
SM_V9_3 iris    CDS     17914676        17917967        .       -
        0       Parent=Smp_018440.1
SM_V9_3 Liftoff gene    17942973        17971119        .       -
        .       ID=Smp_018460;geneID=Smp_018460
SM_V9_3 Liftoff mRNA    17942973        17971119        .       -
        .
ID=Smp_018460.1;Parent=Smp_018460;geneID=Smp_018460;product=Phosphat
idylinositol 4-kinase type 2-
beta;polypeptide_domain=InterPro:IPR000403
Pfam:PF00454;Ontology_term=GO:0016301
SM_V9_3 Liftoff exon    17942973        17944181        .       -
        .       Parent=Smp_018460.1
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SM_V9_3 Liftoff exon    17946983        17947042        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff exon    17952040        17952173        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff exon    17956176        17956281        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff exon    17957214        17957278        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff exon    17963732        17963885        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff exon    17967958        17968089        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff exon    17968862        17969062        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff exon    17970743        17971119        .       -
        .       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17943600        17944181        .       -
        0       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17946983        17947042        .       -
        0       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17952040        17952173        .       -
        2       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17956176        17956281        .       -
        0       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17957214        17957278        .       -
        2       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17963732        17963885        .       -
        0       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17967958        17968089        .       -
        0       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17968862        17969062        .       -
        0       Parent=Smp_018460.1
SM_V9_3 Liftoff CDS     17970743        17971054        .       -
        0       Parent=Smp_018460.1
SM_V9_3 iris    gene    17976573        17984360        .       +
        .
ID=Smp_337780;geneID=Smp_337780;gene_name=Smp_337780;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17976573        17984360        .       +
        .
ID=Smp_337780.1;Parent=Smp_337780;geneID=Smp_337780;gene_name=Smp_33
7780;owner=irisadmin@local.host;orig_id=Smp_337780.2;date_last_modif
ied=2022-07-26;Name=Smp_337780.1;product=Coiled-coil alpha-helical
rod protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    17976573        17976622        .       +
        .       Parent=Smp_337780.1;Name=3b15da4a-
f584-48fd-8c60-8a31fe4d5619
SM_V9_3 iris    exon    17981319        17981404        .       +
        .
Parent=Smp_337780.1;Name=39d64932-4613-4602-97da-09b51049baa6
SM_V9_3 iris    exon    17981854        17982610        .       +
        .       Parent=Smp_337780.1;Name=f0be8908-00ea-429f-9ddf-
fd4a6006f86f
SM_V9_3 iris    exon    17983914        17984360        .       +
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        .       Parent=Smp_337780.1;Name=de8c771b-d37a-4914-9811-
caafee0f4d2a
SM_V9_3 iris    CDS     17981879        17982610        .       +
        0       Parent=Smp_337780.1
SM_V9_3 iris    CDS     17983914        17984198        .       +
        0       Parent=Smp_337780.1
SM_V9_3 iris    gene    17984973        17998568        .       +
        .
ID=Smp_337785;geneID=Smp_337785;gene_name=Smp_337785;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    17984973        17998568        .       +
        .
ID=Smp_337785.1;Parent=Smp_337785;geneID=Smp_337785;gene_name=Smp_33
7785;owner=irisadmin@local.host;orig_id=Smp_337780.3;date_last_modif
ied=2022-07-26;Name=Smp_337785.1;date_creation=2022-07-26
SM_V9_3 iris    exon    17984973        17985745        .       +
        .       Parent=Smp_337785.1;Name=1dd4a721-1e2c-4bbf-
a403-664236269050
SM_V9_3 iris    exon    17986568        17986835        .       +
        .
Parent=Smp_337785.1;Name=342ed472-1ca4-4222-8662-0f4b6f60c533
SM_V9_3 iris    exon    17988554        17988702        .       +
        .
Parent=Smp_337785.1;Name=3e4e0862-39ba-42d8-97e7-57f6b993da6c
SM_V9_3 iris    exon    17991485        17991713        .       +
        .       Parent=Smp_337785.1;Name=3cbd0b92-71a4-4cb4-9dbe-
e05a028f2fe2
SM_V9_3 iris    exon    17993762        17994153        .       +
        .
Parent=Smp_337785.1;Name=4b03751f-249e-41ef-9361-2e097473380b
SM_V9_3 iris    exon    17994825        17994946        .       +
        .
Parent=Smp_337785.1;Name=c4687454-774f-4999-8124-66652bab87b9
SM_V9_3 iris    exon    17995519        17995589        .       +
        .       Parent=Smp_337785.1;Name=0b9ccf74-
f1d7-4432-965e-72a2079a2089
SM_V9_3 iris    exon    17996863        17997057        .       +
        .       Parent=Smp_337785.1;Name=6d13aaa4-
d8f4-4583-9651-6e0d9d4ac5cc
SM_V9_3 iris    exon    17997931        17998099        .       +
        .       Parent=Smp_337785.1;Name=d1d4864c-e665-48b1-
b6f7-7366498bfed9
SM_V9_3 iris    exon    17998140        17998568        .       +
        .       Parent=Smp_337785.1;Name=99392fdb-
d87c-4dad-988c-23d374896739
SM_V9_3 iris    CDS     17985576        17985745        .       +
        0       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17986568        17986835        .       +
        1       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17988554        17988702        .       +
        0       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17991485        17991713        .       +
        1       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17993762        17994153        .       +
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        0       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17994825        17994946        .       +
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SM_V9_3 iris    CDS     17995519        17995589        .       +
        2       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17996863        17997057        .       +
        0       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17997931        17998099        .       +
        0       Parent=Smp_337785.1
SM_V9_3 iris    CDS     17998140        17998237        .       +
        2       Parent=Smp_337785.1
SM_V9_3 Liftoff gene    17999143        18000609        .       -
        .       ID=Smp_018500;geneID=Smp_018500
SM_V9_3 Liftoff mRNA    17999143        18000609        .       -
        .
ID=Smp_018500.1;Parent=Smp_018500;geneID=Smp_018500;product=Probable
gluconokinase;polypeptide_domain=InterPro:IPR006001,IPR027417,IPR031
322 Pfam:PF01202;Ontology_term=GO:0005975,GO:0016301
SM_V9_3 Liftoff exon    17999143        18000609        .       -
        .       Parent=Smp_018500.1
SM_V9_3 Liftoff CDS     17999472        17999954        .       -
        0       Parent=Smp_018500.1
SM_V9_3 Liftoff gene    18013934        18035524        .       +
        .       ID=Smp_132300;geneID=Smp_132300
SM_V9_3 Liftoff mRNA    18013934        18035524        .       +
        .
ID=Smp_132300.1;Parent=Smp_132300;geneID=Smp_132300;product=Kinesin-
like protein
KIF3A;polypeptide_domain=InterPro:IPR001752,IPR019821,IPR027417
Pfam:PF00225;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:00080
17
SM_V9_3 Liftoff exon    18013934        18016258        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18016302        18016467        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18016515        18016702        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18019930        18020077        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18021606        18021745        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18023827        18024024        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18024946        18025120        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18026825        18027057        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18028678        18028941        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18030341        18030535        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18033266        18033379        .       +
        .       Parent=Smp_132300.1
SM_V9_3 Liftoff exon    18035393        18035524        .       +
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        .       Parent=Smp_132300.1
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SM_V9_3 Liftoff CDS     18016302        18016467        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18016515        18016702        .       +
        2       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18019930        18020077        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18021606        18021745        .       +
        2       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18023827        18024024        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18024946        18025120        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18026825        18027057        .       +
        2       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18028678        18028941        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18030341        18030535        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18033266        18033379        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff CDS     18035393        18035491        .       +
        0       Parent=Smp_132300.1
SM_V9_3 Liftoff gene    18048894        18049473        .       +
        .       ID=Smp_325920;geneID=Smp_325920
SM_V9_3 Liftoff mRNA    18048894        18049473        .       +
        .
ID=Smp_325920.1;Parent=Smp_325920;geneID=Smp_325920;product=60S
ribosomal protein
L27a;polypeptide_domain=InterPro:IPR001196,IPR021131,IPR030878
Pfam:PF00828;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12,GO:0015934
SM_V9_3 Liftoff exon    18048894        18048925        .       +
        .       Parent=Smp_325920.1
SM_V9_3 Liftoff exon    18048970        18049287        .       +
        .       Parent=Smp_325920.1
SM_V9_3 Liftoff exon    18049327        18049473        .       +
        .       Parent=Smp_325920.1
SM_V9_3 Liftoff CDS     18048923        18048925        .       +
        0       Parent=Smp_325920.1
SM_V9_3 Liftoff CDS     18048970        18049287        .       +
        0       Parent=Smp_325920.1
SM_V9_3 Liftoff CDS     18049327        18049455        .       +
        0       Parent=Smp_325920.1
SM_V9_3 iris    gene    18056780        18057718        .       -
        .
ID=Smp_018530;geneID=Smp_018530;gene_name=Smp_018530;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    18056780        18057718        .       -
        .
ID=Smp_018530.1;Parent=Smp_018530;geneID=Smp_018530;gene_name=Smp_01
8530;owner=irisadmin@local.host;orig_id=Smp_018530.1;date_last_modif
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associated complex subunit alpha;date_creation=2022-07-26
SM_V9_3 iris    exon    18056780        18056961        .       -
        .       Parent=Smp_018530.1;Name=0cc32b71-
d5c9-4260-8248-49bb25cead22
SM_V9_3 iris    exon    18057000        18057122        .       -
        .       Parent=Smp_018530.1;Name=9cd2c04a-71ba-4326-
b5db-54b492180a63
SM_V9_3 iris    exon    18057158        18057718        .       -
        .       Parent=Smp_018530.1;Name=724c8499-dbc1-4322-
b3ad-60d5aecb893b
SM_V9_3 iris    CDS     18056947        18056961        .       -
        0       Parent=Smp_018530.1
SM_V9_3 iris    CDS     18057000        18057122        .       -
        0       Parent=Smp_018530.1
SM_V9_3 iris    CDS     18057158        18057652        .       -
        0       Parent=Smp_018530.1
SM_V9_3 iris    gene    18103423        18172049        .       +
        .
ID=Smp_132320;geneID=Smp_132320;gene_name=Smp_132320;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    18103423        18172049        .       +
        .
ID=Smp_132320.1;Parent=Smp_132320;geneID=Smp_132320;gene_name=Smp_13
2320;owner=irisadmin@local.host;orig_id=Smp_132320.1;date_last_modif
ied=2022-07-26;Name=Smp_132320.1;product=Protocadherin
18;date_creation=2022-07-26
SM_V9_3 iris    exon    18103423        18103476        .       +
        .       Parent=Smp_132320.1;Name=6e5d1262-a7af-46ca-
b0e1-76d2e4d00e96
SM_V9_3 iris    exon    18105016        18105094        .       +
        .       Parent=Smp_132320.1;Name=0a7b6d2c-6e43-477b-
ad20-30f8fdbdda27
SM_V9_3 iris    exon    18107411        18107663        .       +
        .
Parent=Smp_132320.1;Name=f6ddad1a-0696-4dac-9013-0cead73078f8
SM_V9_3 iris    exon    18148904        18149131        .       +
        .       Parent=Smp_132320.1;Name=53da37fa-
a0d1-48ec-9b62-0ff3ee0c2db5
SM_V9_3 iris    exon    18153491        18154226        .       +
        .       Parent=Smp_132320.1;Name=685c62e3-0549-4907-
b5a1-5db260e51e6d
SM_V9_3 iris    exon    18157809        18158669        .       +
        .       Parent=Smp_132320.1;Name=2a50e3b0-34e4-4e9b-bf12-
bb43cd433dca
SM_V9_3 iris    exon    18162619        18163053        .       +
        .       Parent=Smp_132320.1;Name=e8b81873-48ef-4858-
a102-1003da05606d
SM_V9_3 iris    exon    18164218        18166716        .       +
        .       Parent=Smp_132320.1;Name=821023f2-dbe7-4d5a-be7c-
bdbbc094b432
SM_V9_3 iris    exon    18167916        18168006        .       +
        .       Parent=Smp_132320.1;Name=ecb5e1f8-a014-44e4-
b94c-6b347f945e1c
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SM_V9_3 iris    exon    18169474        18169652        .       +
        .       Parent=Smp_132320.1;Name=daf59e54-8c6b-4ae1-
b720-4ade55b1a30d
SM_V9_3 iris    exon    18171189        18172049        .       +
        .       Parent=Smp_132320.1;Name=842947b1-0b16-486f-8b5e-
a377fe74463b
SM_V9_3 iris    CDS     18153588        18154226        .       +
        0       Parent=Smp_132320.1
SM_V9_3 iris    CDS     18157809        18158669        .       +
        0       Parent=Smp_132320.1
SM_V9_3 iris    CDS     18162619        18163053        .       +
        0       Parent=Smp_132320.1
SM_V9_3 iris    CDS     18164218        18166716        .       +
        0       Parent=Smp_132320.1
SM_V9_3 iris    CDS     18167916        18168006        .       +
        0       Parent=Smp_132320.1
SM_V9_3 iris    CDS     18169474        18169652        .       +
        2       Parent=Smp_132320.1
SM_V9_3 iris    CDS     18171189        18171794        .       +
        0       Parent=Smp_132320.1
SM_V9_3 Liftoff gene    18174147        18188329        .       -
        .       ID=Smp_018550;geneID=Smp_018550
SM_V9_3 Liftoff mRNA    18174147        18188329        .       -
        .
ID=Smp_018550.1;Parent=Smp_018550;geneID=Smp_018550;product=Serine--
tRNA ligase
SM_V9_3 Liftoff exon    18174147        18174758        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18176962        18177066        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18178400        18178504        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18179298        18179342        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18180943        18180975        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18182177        18182221        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18183068        18183222        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18184869        18185028        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18187974        18187992        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff exon    18188029        18188329        .       -
        .       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18174631        18174758        .       -
        2       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18176962        18177066        .       -
        2       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18178400        18178504        .       -
        2       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18179298        18179342        .       -
        2       Parent=Smp_018550.1
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SM_V9_3 Liftoff CDS     18180943        18180975        .       -
        2       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18182177        18182221        .       -
        2       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18183068        18183222        .       -
        1       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18184869        18185028        .       -
        2       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18187974        18187992        .       -
        0       Parent=Smp_018550.1
SM_V9_3 Liftoff CDS     18188029        18188067        .       -
        0       Parent=Smp_018550.1
SM_V9_3 iris    gene    18196553        18207216        .       +
        .
ID=Smp_132330;geneID=Smp_132330;gene_name=Smp_132330;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    18196553        18207216        .       +
        .
ID=Smp_132330.1;Parent=Smp_132330;geneID=Smp_132330;gene_name=Smp_13
2330;owner=irisadmin@local.host;orig_id=Smp_132330.1;date_last_modif
ied=2022-07-26;Name=Smp_132330.1;product=Ras-related protein
Rab-35;date_creation=2022-07-26
SM_V9_3 iris    exon    18196553        18196694        .       +
        .       Parent=Smp_132330.1;Name=fef067d6-efa6-48f5-
a446-17c4a0a106e4
SM_V9_3 iris    exon    18200930        18201104        .       +
        .
Parent=Smp_132330.1;Name=da1afbb5-40cb-4eac-836b-6b013e0f0f80
SM_V9_3 iris    exon    18201148        18201275        .       +
        .       Parent=Smp_132330.1;Name=64cd6a81-dd2b-4c6e-
bfcf-5b19ae9c5f8e
SM_V9_3 iris    exon    18202246        18202370        .       +
        .       Parent=Smp_132330.1;Name=85561764-7539-4d24-
b406-439e854c6678
SM_V9_3 iris    exon    18206046        18207216        .       +
        .       Parent=Smp_132330.1;Name=5868dfe8-b3b0-467e-
bc30-5b91cf610e33
SM_V9_3 iris    CDS     18196622        18196694        .       +
        0       Parent=Smp_132330.1
SM_V9_3 iris    CDS     18200930        18201104        .       +
        2       Parent=Smp_132330.1
SM_V9_3 iris    CDS     18201148        18201275        .       +
        1       Parent=Smp_132330.1
SM_V9_3 iris    CDS     18202246        18202370        .       +
        2       Parent=Smp_132330.1
SM_V9_3 iris    CDS     18206046        18206189        .       +
        0       Parent=Smp_132330.1
SM_V9_3 iris    gene    18218026        18229573        .       -
        .
ID=Smp_018570;geneID=Smp_018570;gene_name=Smp_018570;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    18218026        18229573        .       -
        .
ID=Smp_018570.1;Parent=Smp_018570;geneID=Smp_018570;gene_name=Smp_01
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8570;owner=irisadmin@local.host;orig_id=Smp_018570.1;date_last_modif
ied=2022-07-26;Name=Smp_018570.1;product=G protein pathway
suppressor 2;date_creation=2022-07-26
SM_V9_3 iris    exon    18218026        18218762        .       -
        .       Parent=Smp_018570.1;Name=7da53eb1-abc7-49a3-b41c-
a1f4db575444
SM_V9_3 iris    exon    18221103        18221557        .       -
        .       Parent=Smp_018570.1;Name=10aa4e1d-475b-4327-96a6-
e042bb70ff42
SM_V9_3 iris    exon    18222530        18222923        .       -
        .       Parent=Smp_018570.1;Name=455957eb-c789-496b-b69c-
f1d7d5e1848c
SM_V9_3 iris    exon    18228700        18229117        .       -
        .
Parent=Smp_018570.1;Name=62339aa3-5ec1-4b46-9492-11e292682b3b
SM_V9_3 iris    exon    18229153        18229265        .       -
        .       Parent=Smp_018570.1;Name=8396e996-e4d7-4a9f-
bccf-72da901ecfb8
SM_V9_3 iris    exon    18229301        18229404        .       -
        .       Parent=Smp_018570.1;Name=b4d2496b-dffb-44ea-9f49-
f7613cc60d4f
SM_V9_3 iris    exon    18229445        18229573        .       -
        .
Parent=Smp_018570.1;Name=a73dafd7-90f8-44c8-9ad0-139f9fc93cee
SM_V9_3 iris    CDS     18218232        18218762        .       -
        0       Parent=Smp_018570.1
SM_V9_3 iris    CDS     18221103        18221557        .       -
        2       Parent=Smp_018570.1
SM_V9_3 iris    CDS     18222530        18222923        .       -
        0       Parent=Smp_018570.1
SM_V9_3 iris    CDS     18228700        18229117        .       -
        1       Parent=Smp_018570.1
SM_V9_3 iris    CDS     18229153        18229265        .       -
        0       Parent=Smp_018570.1
SM_V9_3 iris    CDS     18229301        18229404        .       -
        2       Parent=Smp_018570.1
SM_V9_3 iris    CDS     18229445        18229499        .       -
        0       Parent=Smp_018570.1
SM_V9_3 Liftoff gene    18234093        18246952        .       +
        .       ID=Smp_018580;geneID=Smp_018580
SM_V9_3 Liftoff mRNA    18234093        18246952        .       +
        .
ID=Smp_018580.1;Parent=Smp_018580;geneID=Smp_018580;product=WD
repeat-containing protein
WRAP73;polypeptide_domain=InterPro:IPR001680,IPR013979,IPR015943
Pfam:PF08662;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    18234093        18234746        .       +
        .       Parent=Smp_018580.1
SM_V9_3 Liftoff exon    18234781        18234957        .       +
        .       Parent=Smp_018580.1
SM_V9_3 Liftoff exon    18236115        18236452        .       +
        .       Parent=Smp_018580.1
SM_V9_3 Liftoff exon    18240611        18240938        .       +
        .       Parent=Smp_018580.1
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SM_V9_3 Liftoff exon    18242046        18242291        .       +
        .       Parent=Smp_018580.1
SM_V9_3 Liftoff exon    18246062        18246952        .       +
        .       Parent=Smp_018580.1
SM_V9_3 Liftoff CDS     18234525        18234746        .       +
        0       Parent=Smp_018580.1
SM_V9_3 Liftoff CDS     18234781        18234957        .       +
        0       Parent=Smp_018580.1
SM_V9_3 Liftoff CDS     18236115        18236452        .       +
        0       Parent=Smp_018580.1
SM_V9_3 Liftoff CDS     18240611        18240938        .       +
        1       Parent=Smp_018580.1
SM_V9_3 Liftoff CDS     18242046        18242291        .       +
        0       Parent=Smp_018580.1
SM_V9_3 Liftoff CDS     18246062        18246583        .       +
        0       Parent=Smp_018580.1
SM_V9_3 iris    gene    18248652        18269649        .       -
        .
ID=Smp_018590;geneID=Smp_018590;gene_name=Smp_018590;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    18248652        18269649        .       -
        .
ID=Smp_018590.1;Parent=Smp_018590;geneID=Smp_018590;gene_name=Smp_01
8590;owner=irisadmin@local.host;orig_id=Smp_018590.1;date_last_modif
ied=2022-07-27;Name=Smp_018590.1;product=Transcription factor
GATA-3;date_creation=2022-07-27
SM_V9_3 iris    exon    18248652        18249975        .       -
        .       Parent=Smp_018590.1;Name=97e5ae50-64e5-4b24-
ad50-48091fa9511d
SM_V9_3 iris    exon    18251014        18251139        .       -
        .       Parent=Smp_018590.1;Name=3452be9e-47e7-48ae-bf8f-
d46c75e6438e
SM_V9_3 iris    exon    18254323        18254468        .       -
        .       Parent=Smp_018590.1;Name=47977d7b-0359-4191-
a174-11bb9b7d9cf8
SM_V9_3 iris    exon    18257341        18258245        .       -
        .
Parent=Smp_018590.1;Name=a169cc36-0ebe-45b5-9616-6c3d26f1c517
SM_V9_3 iris    exon    18259316        18259931        .       -
        .       Parent=Smp_018590.1;Name=433b68ef-1255-4347-8fe3-
d16037e05d5b
SM_V9_3 iris    exon    18269449        18269649        .       -
        .       Parent=Smp_018590.1;Name=a76a33cb-5f48-4c2f-
ba15-9c10bb48b144
SM_V9_3 iris    CDS     18249175        18249975        .       -
        0       Parent=Smp_018590.1
SM_V9_3 iris    CDS     18251014        18251139        .       -
        0       Parent=Smp_018590.1
SM_V9_3 iris    CDS     18254323        18254468        .       -
        2       Parent=Smp_018590.1
SM_V9_3 iris    CDS     18257341        18258245        .       -
        1       Parent=Smp_018590.1
SM_V9_3 iris    CDS     18259316        18259931        .       -
        2       Parent=Smp_018590.1
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SM_V9_3 iris    CDS     18269449        18269554        .       -
        0       Parent=Smp_018590.1
SM_V9_3 Liftoff gene    18275334        18279884        .       +
        .       ID=Smp_132340;geneID=Smp_132340
SM_V9_3 Liftoff mRNA    18275334        18279884        .       +
        .
ID=Smp_132340.1;Parent=Smp_132340;geneID=Smp_132340;product=Uncharac
terized protein aq_1570
SM_V9_3 Liftoff exon    18275334        18275363        .       +
        .       Parent=Smp_132340.1
SM_V9_3 Liftoff exon    18279795        18279884        .       +
        .       Parent=Smp_132340.1
SM_V9_3 Liftoff CDS     18275334        18275363        .       +
        0       Parent=Smp_132340.1
SM_V9_3 Liftoff CDS     18279795        18279884        .       +
        0       Parent=Smp_132340.1
SM_V9_3 Liftoff gene    18293952        18305219        .       -
        .       ID=Smp_018610;geneID=Smp_018610
SM_V9_3 Liftoff mRNA    18293952        18305219        .       -
        .
ID=Smp_018610.1;Parent=Smp_018610;geneID=Smp_018610;product=Mediator
of RNA polymerase II transcription subunit
7;polypeptide_domain=InterPro:IPR009244
Pfam:PF05983;Ontology_term=GO:0001104,GO:0006357,GO:0016592
SM_V9_3 Liftoff exon    18293952        18294884        .       -
        .       Parent=Smp_018610.1
SM_V9_3 Liftoff exon    18295862        18296077        .       -
        .       Parent=Smp_018610.1
SM_V9_3 Liftoff exon    18299311        18305219        .       -
        .       Parent=Smp_018610.1
SM_V9_3 Liftoff CDS     18294483        18294884        .       -
        0       Parent=Smp_018610.1
SM_V9_3 Liftoff CDS     18295862        18296077        .       -
        0       Parent=Smp_018610.1
SM_V9_3 Liftoff CDS     18299311        18299535        .       -
        0       Parent=Smp_018610.1
SM_V9_3 iris    gene    18312794        18340348        .       +
        .
ID=Smp_018620;geneID=Smp_018620;gene_name=Smp_018620;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    18312794        18340348        .       +
        .
ID=Smp_018620.1;Parent=Smp_018620;geneID=Smp_018620;gene_name=Smp_01
8620;owner=irisadmin@local.host;orig_id=Smp_018620.1;date_last_modif
ied=2022-07-26;Name=Smp_018620.1;product=Paraplegin;date_creation=20
22-07-26
SM_V9_3 iris    exon    18312794        18312939        .       +
        .       Parent=Smp_018620.1;Name=300a1c2c-66e2-424d-
ba6c-484ed8685122
SM_V9_3 iris    exon    18312973        18313018        .       +
        .       Parent=Smp_018620.1;Name=4833f517-3c6f-4346-baaa-
f60d5110b977
SM_V9_3 iris    exon    18313057        18313313        .       +
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Parent=Smp_018620.1;Name=02e9e13f-35c5-44b5-9f9c-31315d8b978a
SM_V9_3 iris    exon    18314078        18314190        .       +
        .       Parent=Smp_018620.1;Name=14914c57-19e2-436a-
b828-7d83dfef7ee9
SM_V9_3 iris    exon    18315110        18315425        .       +
        .       Parent=Smp_018620.1;Name=3358f4cd-3fe5-407d-90c2-
f40b9c6f7650
SM_V9_3 iris    exon    18319570        18319716        .       +
        .       Parent=Smp_018620.1;Name=7cdb23cf-d380-4f50-b9a7-
abd1ba14a83f
SM_V9_3 iris    exon    18320271        18320461        .       +
        .       Parent=Smp_018620.1;Name=8d79d26f-3127-4922-a717-
e8ebd941a4de
SM_V9_3 iris    exon    18322241        18322458        .       +
        .       Parent=Smp_018620.1;Name=c689c068-9e74-4904-b340-
ae6a5d6c83ea
SM_V9_3 iris    exon    18331954        18332148        .       +
        .       Parent=Smp_018620.1;Name=4b802d2e-d30c-4db3-b923-
b223394b3cc2
SM_V9_3 iris    exon    18332472        18332765        .       +
        .       Parent=Smp_018620.1;Name=4413cb84-ac8d-4370-
a297-9f80b009af06
SM_V9_3 iris    exon    18334620        18334714        .       +
        .       Parent=Smp_018620.1;Name=f6f323df-4b0f-49f3-
ac51-4c011be6998c
SM_V9_3 iris    exon    18339788        18340348        .       +
        .       Parent=Smp_018620.1;Name=9f67f17f-
d302-427a-972a-23e7f3cf0eeb
SM_V9_3 iris    CDS     18312823        18312939        .       +
        0       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18312973        18313018        .       +
        0       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18313057        18313313        .       +
        2       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18314078        18314190        .       +
        0       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18315110        18315425        .       +
        1       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18319570        18319716        .       +
        0       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18320271        18320461        .       +
        0       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18322241        18322458        .       +
        1       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18331954        18332148        .       +
        2       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18332472        18332765        .       +
        2       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18334620        18334714        .       +
        2       Parent=Smp_018620.1
SM_V9_3 iris    CDS     18339788        18340036        .       +
        0       Parent=Smp_018620.1
SM_V9_3 iris    gene    18342815        18352602        .       -
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ID=Smp_132350;geneID=Smp_132350;gene_name=Smp_132350;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    18342815        18352602        .       -
       .
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SM_V9_3 iris    exon    18350341        18350413        .       -
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SM_V9_3 iris    exon    18350453        18350553        .       -
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SM_V9_3 iris    exon    18351884        18352003        .       -
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        0       Parent=Smp_132350.1
SM_V9_3 Liftoff gene    18365834        18375083        .       +
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SM_V9_3 Liftoff mRNA    18365834        18375083        .       +
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domain containing protein;evidence=Inferred from Sequence
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SM_V9_3 Liftoff exon    18365834        18366124        .       +
        .       Parent=Smp_018640.1
SM_V9_3 Liftoff exon    18368084        18368385        .       +
        .       Parent=Smp_018640.1
SM_V9_3 Liftoff exon    18370405        18370712        .       +
        .       Parent=Smp_018640.1
SM_V9_3 Liftoff exon    18372476        18372652        .       +
        .       Parent=Smp_018640.1
SM_V9_3 Liftoff exon    18373982        18375083        .       +
        .       Parent=Smp_018640.1
SM_V9_3 Liftoff CDS     18365861        18366124        .       +
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SM_V9_3 Liftoff CDS     18368084        18368385        .       +
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SM_V9_3 Liftoff CDS     18370405        18370712        .       +
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SM_V9_3 Liftoff CDS     18372476        18372652        .       +
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SM_V9_3 Liftoff CDS     18373982        18374256        .       +
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SM_V9_3 iris    gene    18380148        18503808        .       -
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SM_V9_3 iris    mRNA    18380148        18503808        .       -
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SM_V9_3 iris    exon    18384561        18384606        .       -
        .       Parent=Smp_246950.1;Name=f9187b33-e55d-409f-
b6b2-3e851a84d6cb
SM_V9_3 iris    exon    18385937        18386305        .       -
        .       Parent=Smp_246950.1;Name=b85bbe4a-195e-42fb-9850-
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SM_V9_3 iris    exon    18387905        18388027        .       -
        .
Parent=Smp_246950.1;Name=e55760fd-8d79-4eb9-9cdb-73eec25b0056
SM_V9_3 iris    exon    18392324        18392470        .       -
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SM_V9_3 iris    exon    18401443        18401507        .       -
        .       Parent=Smp_246950.1;Name=91fae816-8423-4851-a926-
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SM_V9_3 iris    exon    18406852        18406942        .       -
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SM_V9_3 iris    exon    18408352        18408653        .       -
        .       Parent=Smp_246950.1;Name=18426705-
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SM_V9_3 iris    exon    18410715        18410784        .       -
        .       Parent=Smp_246950.1;Name=dff2971b-9755-462e-8db1-
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SM_V9_3 iris    exon    18412821        18413177        .       -
        .
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SM_V9_3 iris    exon    18435183        18435214        .       -
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SM_V9_3 iris    exon    18448891        18449467        .       -
        .       Parent=Smp_246950.1;Name=e7da602d-7136-47a3-a106-
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SM_V9_3 iris    exon    18454887        18455069        .       -
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SM_V9_3 iris    exon    18456879        18457266        .       -
        .
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SM_V9_3 iris    exon    18460046        18460458        .       -
        .
Parent=Smp_246950.1;Name=495af7d7-8a08-46fb-8d0d-8be350f8c81e
SM_V9_3 iris    exon    18461121        18461184        .       -
        .       Parent=Smp_246950.1;Name=aef53136-aa98-4884-82dd-
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SM_V9_3 iris    exon    18462242        18462336        .       -
        .       Parent=Smp_246950.1;Name=8f4481dd-7b2b-4a96-8066-
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SM_V9_3 iris    exon    18478511        18478631        .       -
        .
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SM_V9_3 iris    exon    18481075        18481172        .       -
        .       Parent=Smp_246950.1;Name=524608ee-f928-4977-b8cd-
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SM_V9_3 iris    exon    18495537        18495615        .       -
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SM_V9_3 iris    exon    18501421        18501463        .       -
        .       Parent=Smp_246950.1;Name=0ce433f8-134e-4747-
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SM_V9_3 iris    exon    18503297        18503413        .       -
        .
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SM_V9_3 iris    CDS     18381616        18381671        .       -
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SM_V9_3 iris    CDS     18384561        18384606        .       -
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SM_V9_3 iris    CDS     18385937        18386305        .       -
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SM_V9_3 iris    CDS     18387905        18388027        .       -
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SM_V9_3 iris    CDS     18392324        18392470        .       -
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SM_V9_3 iris    CDS     18401443        18401507        .       -
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SM_V9_3 iris    CDS     18406852        18406942        .       -
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SM_V9_3 iris    CDS     18408352        18408653        .       -
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SM_V9_3 iris    CDS     18410715        18410784        .       -
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SM_V9_3 iris    CDS     18435183        18435214        .       -
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SM_V9_3 iris    CDS     18448891        18449467        .       -
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SM_V9_3 iris    CDS     18454887        18455069        .       -
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SM_V9_3 iris    CDS     18456879        18457266        .       -
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SM_V9_3 iris    CDS     18460046        18460458        .       -
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SM_V9_3 iris    CDS     18461121        18461184        .       -
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SM_V9_3 iris    CDS     18481075        18481172        .       -
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SM_V9_3 iris    CDS     18495537        18495615        .       -
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SM_V9_3 iris    CDS     18501421        18501463        .       -
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SM_V9_3 iris    CDS     18503449        18503577        .       -
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SM_V9_3 iris    exon    18508778        18508831        .       +
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SM_V9_3 iris    exon    18512319        18512456        .       +
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SM_V9_3 iris    exon    18513836        18514102        .       +
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        .       Parent=Smp_018680.1;Name=e4250bd5-baa9-4f0b-
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SM_V9_3 iris    CDS     18512138        18512277        .       +
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Pfam:PF00001;Ontology_term=GO:0004930,GO:0004983,GO:0007186,GO:00160
21
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and CUL4-associated factor
7;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR01977
5 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    18656804        18658998        .       +
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SM_V9_3 Liftoff exon    18660129        18660261        .       +
        .       Parent=Smp_018710.1
SM_V9_3 Liftoff exon    18661644        18661795        .       +
        .       Parent=Smp_018710.1
SM_V9_3 Liftoff exon    18663570        18664299        .       +
        .       Parent=Smp_018710.1
SM_V9_3 Liftoff CDS     18658477        18658998        .       +
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SM_V9_3 Liftoff CDS     18660129        18660261        .       +
        0       Parent=Smp_018710.1
SM_V9_3 Liftoff CDS     18661644        18661795        .       +
        2       Parent=Smp_018710.1
SM_V9_3 Liftoff CDS     18663570        18663860        .       +
        0       Parent=Smp_018710.1
SM_V9_3 iris    gene    18665286        18722597        .       -
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SM_V9_3 iris    exon    18667250        18667371        .       -
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SM_V9_3 iris    exon    18668409        18668531        .       -
        .       Parent=Smp_335830.1;Name=8ba2b64a-9ee5-4acf-a513-
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SM_V9_3 iris    exon    18669409        18669556        .       -
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Parent=Smp_335830.1;Name=fbaeec1d-009f-47ad-9509-92b5b7eed33e
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SM_V9_3 iris    exon    18680025        18680346        .       -
        .
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        .       Parent=Smp_335830.1;Name=72bf09fe-412a-431b-a701-
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SM_V9_3 iris    exon    18682642        18683203        .       -
        .
Parent=Smp_335830.1;Name=23dbe4d6-34fc-4b35-9e84-744f82395465
SM_V9_3 iris    exon    18683950        18684295        .       -
        .       Parent=Smp_335830.1;Name=d09826cd-4883-4aa2-8dda-
a98850acf9b9
SM_V9_3 iris    exon    18686100        18686243        .       -
        .       Parent=Smp_335830.1;Name=f9995b58-5dcb-48c9-a61f-
b81fb96cb8ee
SM_V9_3 iris    exon    18688477        18688724        .       -
        .       Parent=Smp_335830.1;Name=22774233-132d-4873-86d8-
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ed0679000908
SM_V9_3 iris    exon    18690622        18691030        .       -
        .       Parent=Smp_335830.1;Name=e4ee1abd-
fed8-4ed2-80ea-6dc5dd9cd736
SM_V9_3 iris    exon    18692589        18692936        .       -
        .       Parent=Smp_335830.1;Name=eba06910-
e323-48a4-80db-4893fb4e627b
SM_V9_3 iris    exon    18693826        18693922        .       -
        .       Parent=Smp_335830.1;Name=13a32f3c-abf7-4b46-9cde-
bef49876c7bd
SM_V9_3 iris    exon    18695460        18695729        .       -
        .       Parent=Smp_335830.1;Name=456ffeed-4976-40fa-
bf6b-32763a15c50a
SM_V9_3 iris    exon    18697481        18697991        .       -
        .       Parent=Smp_335830.1;Name=177d9927-453d-4ede-bc15-
f0e5a19cfb5a
SM_V9_3 iris    exon    18699079        18699363        .       -
        .       Parent=Smp_335830.1;Name=72e941fb-5cf7-401e-
b93a-7ec54108f3cf
SM_V9_3 iris    exon    18701649        18701771        .       -
        .       Parent=Smp_335830.1;Name=e69301c4-f6bd-4a59-
b221-942b6740f6f6
SM_V9_3 iris    exon    18703855        18703984        .       -
        .
Parent=Smp_335830.1;Name=4c3ee2e0-9c04-4742-9a7c-5b5d6e3f9630
SM_V9_3 iris    exon    18709760        18709863        .       -
        .       Parent=Smp_335830.1;Name=ae8c7cbe-08f0-42e2-b5fb-
b80b315efc26
SM_V9_3 iris    exon    18710182        18710430        .       -
        .
Parent=Smp_335830.1;Name=258d236d-0ecc-4c45-9466-2b396b7745f8
SM_V9_3 iris    exon    18711232        18711465        .       -
        .       Parent=Smp_335830.1;Name=f83afb34-b2cd-4383-a5d0-
c2ed665f181b
SM_V9_3 iris    exon    18712972        18713434        .       -
        .       Parent=Smp_335830.1;Name=15117229-beda-4bb9-8ea5-
aefdd951f5fe
SM_V9_3 iris    exon    18715144        18715186        .       -
        .       Parent=Smp_335830.1;Name=ed28ef95-6c5a-4a8d-ab65-
dde957a54b07
SM_V9_3 iris    exon    18716389        18716524        .       -
        .
Parent=Smp_335830.1;Name=45b83106-8581-4d5c-9926-38ca41b1b7a8
SM_V9_3 iris    exon    18718120        18718234        .       -
        .
Parent=Smp_335830.1;Name=952e0454-4574-49f5-8693-076423e81630
SM_V9_3 iris    exon    18718276        18718348        .       -
        .       Parent=Smp_335830.1;Name=20d5cedf-
ff42-4c08-96b1-9f997e94c616
SM_V9_3 iris    exon    18721742        18722093        .       -
        .       Parent=Smp_335830.1;Name=442b825b-ad1e-4649-8ab0-
eefe6881e662
SM_V9_3 iris    exon    18722127        18722314        .       -
        .       Parent=Smp_335830.1;Name=5fb20100-
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dc57-449a-80d6-506308f09f37
SM_V9_3 iris    exon    18722348        18722597        .       -
        .       Parent=Smp_335830.1;Name=b2383dbe-c219-456c-
a79d-4ade7761454d
SM_V9_3 iris    CDS     18665433        18665564        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18667250        18667371        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18668409        18668531        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18669409        18669556        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18671724        18672034        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18673480        18673693        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18674395        18674687        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18676224        18676573        .       -
        1       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18678295        18678514        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18679224        18679469        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18680025        18680346        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18681218        18681376        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18682511        18682596        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18682642        18683203        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18683950        18684295        .       -
        1       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18686100        18686243        .       -
        1       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18688477        18688724        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18690622        18691030        .       -
        1       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18692589        18692936        .       -
        1       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18693826        18693922        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18695460        18695729        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18697481        18697991        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18699079        18699363        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18701649        18701771        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18703855        18703984        .       -
        1       Parent=Smp_335830.1
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SM_V9_3 iris    CDS     18709760        18709863        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18710182        18710430        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18711232        18711465        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18712972        18713434        .       -
        1       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18715144        18715186        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18716389        18716524        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18718120        18718234        .       -
        1       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18718276        18718348        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18721742        18722093        .       -
        0       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18722127        18722314        .       -
        2       Parent=Smp_335830.1
SM_V9_3 iris    CDS     18722348        18722390        .       -
        0       Parent=Smp_335830.1
SM_V9_3 Liftoff gene    18740631        18755080        .       -
        .       ID=Smp_018760;geneID=Smp_018760
SM_V9_3 Liftoff mRNA    18740631        18755080        .       -
        .
ID=Smp_018760.1;Parent=Smp_018760;geneID=Smp_018760;product=Neutral
alpha-glucosidase
AB;polypeptide_domain=InterPro:IPR000322,IPR011013,IPR017853,IPR0258
87
Pfam:PF01055,PF13802;Ontology_term=GO:0003824,GO:0004553,GO:0005975,
GO:0030246
SM_V9_3 Liftoff exon    18740631        18741669        .       -
        .       Parent=Smp_018760.1
SM_V9_3 Liftoff exon    18743161        18743410        .       -
        .       Parent=Smp_018760.1
SM_V9_3 Liftoff exon    18745574        18745785        .       -
        .       Parent=Smp_018760.1
SM_V9_3 Liftoff exon    18747022        18747228        .       -
        .       Parent=Smp_018760.1
SM_V9_3 Liftoff exon    18750398        18750626        .       -
        .       Parent=Smp_018760.1
SM_V9_3 Liftoff exon    18751557        18752939        .       -
        .       Parent=Smp_018760.1
SM_V9_3 Liftoff exon    18752977        18755080        .       -
        .       Parent=Smp_018760.1
SM_V9_3 Liftoff CDS     18741073        18741669        .       -
        0       Parent=Smp_018760.1
SM_V9_3 Liftoff CDS     18743161        18743410        .       -
        1       Parent=Smp_018760.1
SM_V9_3 Liftoff CDS     18745574        18745785        .       -
        0       Parent=Smp_018760.1
SM_V9_3 Liftoff CDS     18747022        18747228        .       -
        0       Parent=Smp_018760.1
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SM_V9_3 Liftoff CDS     18750398        18750626        .       -
        1       Parent=Smp_018760.1
SM_V9_3 Liftoff CDS     18751557        18752939        .       -
        1       Parent=Smp_018760.1
SM_V9_3 Liftoff CDS     18752977        18753074        .       -
        0       Parent=Smp_018760.1
SM_V9_3 Liftoff gene    18766277        18775836        .       -
        .
ID=Smp_342640;geneID=Smp_342640;previous_systematic_id=Smp_132440
SM_V9_3 Liftoff mRNA    18766277        18775836        .       -
        .
ID=Smp_342640.1;Parent=Smp_342640;geneID=Smp_342640;product=Tetratri
copeptide repeat protein
16;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734;Ontolog
y_term=GO:0005515
SM_V9_3 Liftoff exon    18766277        18767977        .       -
        .       Parent=Smp_342640.1
SM_V9_3 Liftoff exon    18769082        18769574        .       -
        .       Parent=Smp_342640.1
SM_V9_3 Liftoff exon    18771667        18771947        .       -
        .       Parent=Smp_342640.1
SM_V9_3 Liftoff exon    18771995        18775836        .       -
        .       Parent=Smp_342640.1
SM_V9_3 Liftoff CDS     18766563        18767977        .       -
        2       Parent=Smp_342640.1
SM_V9_3 Liftoff CDS     18769082        18769574        .       -
        0       Parent=Smp_342640.1
SM_V9_3 Liftoff CDS     18771667        18771947        .       -
        2       Parent=Smp_342640.1
SM_V9_3 Liftoff CDS     18771995        18772103        .       -
        0       Parent=Smp_342640.1
SM_V9_3 Liftoff gene    18779790        18802541        .       +
        .       ID=Smp_018790;geneID=Smp_018790
SM_V9_3 Liftoff mRNA    18779790        18802541        .       +
        .
ID=Smp_018790.1;Parent=Smp_018790;geneID=Smp_018790;product=PP2C-
like domain-containing protein
CG9801;polypeptide_domain=InterPro:IPR001932;Ontology_term=GO:000382
4
SM_V9_3 Liftoff exon    18779790        18779914        .       +
        .       Parent=Smp_018790.1
SM_V9_3 Liftoff exon    18784745        18785103        .       +
        .       Parent=Smp_018790.1
SM_V9_3 Liftoff exon    18786620        18786715        .       +
        .       Parent=Smp_018790.1
SM_V9_3 Liftoff exon    18790938        18791128        .       +
        .       Parent=Smp_018790.1
SM_V9_3 Liftoff exon    18792255        18792681        .       +
        .       Parent=Smp_018790.1
SM_V9_3 Liftoff exon    18800505        18802541        .       +
        .       Parent=Smp_018790.1
SM_V9_3 Liftoff CDS     18779892        18779914        .       +
        0       Parent=Smp_018790.1
SM_V9_3 Liftoff CDS     18784745        18785103        .       +
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        1       Parent=Smp_018790.1
SM_V9_3 Liftoff CDS     18786620        18786715        .       +
        2       Parent=Smp_018790.1
SM_V9_3 Liftoff CDS     18790938        18791128        .       +
        2       Parent=Smp_018790.1
SM_V9_3 Liftoff CDS     18792255        18792681        .       +
        0       Parent=Smp_018790.1
SM_V9_3 Liftoff CDS     18800505        18801508        .       +
        2       Parent=Smp_018790.1
SM_V9_3 Liftoff gene    18850981        18887526        .       -
        .       ID=Smp_132450;geneID=Smp_132450
SM_V9_3 Liftoff mRNA    18850981        18887526        .       -
        .
ID=Smp_132450.1;Parent=Smp_132450;geneID=Smp_132450;product=Rabankyr
in-5;polypeptide_domain=InterPro:IPR000210,IPR000306,IPR002110,IPR01
1011,IPR011333,IPR013083,IPR017455,IPR020683
Pfam:PF00651,PF01363,PF12796,PF13637;Ontology_term=GO:0005515,GO:004
6872
SM_V9_3 Liftoff exon    18850981        18851721        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18853055        18853145        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18854564        18854728        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18858761        18858885        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18860031        18860121        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18861062        18861209        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18862775        18862954        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18864104        18864304        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18865566        18865737        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18867134        18867255        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18868162        18868240        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18869063        18869357        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18871342        18871690        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18875143        18875510        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18877162        18877334        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18878108        18878256        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18879085        18879303        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18886636        18886785        .       -
        .       Parent=Smp_132450.1
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SM_V9_3 Liftoff exon    18886822        18886945        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18886974        18887106        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18887141        18887259        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff exon    18887297        18887526        .       -
        .       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18851595        18851721        .       -
        1       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18853055        18853145        .       -
        2       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18854564        18854728        .       -
        2       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18858761        18858885        .       -
        1       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18860031        18860121        .       -
        2       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18861062        18861209        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18862775        18862954        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18864104        18864304        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18865566        18865737        .       -
        1       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18867134        18867255        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18868162        18868240        .       -
        1       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18869063        18869357        .       -
        2       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18871342        18871690        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18875143        18875510        .       -
        2       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18877162        18877334        .       -
        1       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18878108        18878256        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18879085        18879303        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18886636        18886785        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18886822        18886945        .       -
        1       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18886974        18887106        .       -
        2       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18887141        18887259        .       -
        1       Parent=Smp_132450.1
SM_V9_3 Liftoff CDS     18887297        18887475        .       -
        0       Parent=Smp_132450.1
SM_V9_3 Liftoff gene    18891130        18893500        .       +
        .       ID=Smp_325960;geneID=Smp_325960
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SM_V9_3 Liftoff mRNA    18891130        18893500        .       +
        .
ID=Smp_325960.1;Parent=Smp_325960;geneID=Smp_325960;product=Tetratri
copeptide repeat protein
16;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734,IPR0273
63;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    18891130        18891182        .       +
        .       Parent=Smp_325960.1
SM_V9_3 Liftoff exon    18891996        18893500        .       +
        .       Parent=Smp_325960.1
SM_V9_3 Liftoff CDS     18891152        18891182        .       +
        0       Parent=Smp_325960.1
SM_V9_3 Liftoff CDS     18891996        18893410        .       +
        2       Parent=Smp_325960.1
SM_V9_3 Liftoff gene    18907471        18925346        .       -
        .       ID=Smp_204880;geneID=Smp_204880
SM_V9_3 Liftoff mRNA    18907471        18925346        .       -
        .
ID=Smp_204880.1;Parent=Smp_204880;geneID=Smp_204880;product=4-
diphosphocytidyl-2-C-methyl-D-erythritol kinase
SM_V9_3 Liftoff exon    18907471        18907843        .       -
        .       Parent=Smp_204880.1
SM_V9_3 Liftoff exon    18914136        18925346        .       -
        .       Parent=Smp_204880.1
SM_V9_3 Liftoff CDS     18907671        18907843        .       -
        2       Parent=Smp_204880.1
SM_V9_3 Liftoff CDS     18914136        18914199        .       -
        0       Parent=Smp_204880.1
SM_V9_3 Liftoff gene    18954358        18960616        .       -
        .
ID=Smp_335840;geneID=Smp_335840;previous_systematic_id=Smp_173720,Sm
p_243270
SM_V9_3 Liftoff mRNA    18954358        18960616        .       -
        .
ID=Smp_335840.1;Parent=Smp_335840;geneID=Smp_335840;product=Glucose-
6-phosphate 1-dehydrogenase
SM_V9_3 Liftoff exon    18954358        18955001        .       -
        .       Parent=Smp_335840.1
SM_V9_3 Liftoff exon    18955632        18955717        .       -
        .       Parent=Smp_335840.1
SM_V9_3 Liftoff exon    18956158        18956240        .       -
        .       Parent=Smp_335840.1
SM_V9_3 Liftoff exon    18958188        18958551        .       -
        .       Parent=Smp_335840.1
SM_V9_3 Liftoff exon    18960197        18960616        .       -
        .       Parent=Smp_335840.1
SM_V9_3 Liftoff CDS     18954720        18955001        .       -
        0       Parent=Smp_335840.1
SM_V9_3 Liftoff CDS     18955632        18955717        .       -
        2       Parent=Smp_335840.1
SM_V9_3 Liftoff CDS     18956158        18956240        .       -
        1       Parent=Smp_335840.1
SM_V9_3 Liftoff CDS     18958188        18958551        .       -
        2       Parent=Smp_335840.1
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SM_V9_3 Liftoff CDS     18960197        18960317        .       -
        0       Parent=Smp_335840.1
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3;polypeptide_domain=InterPro:IPR005821
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85
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        .       Parent=Smp_347080.1
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        .       Parent=Smp_347080.1
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        .       Parent=Smp_347080.1
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        .       Parent=Smp_347080.1
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        .       Parent=Smp_347080.1
SM_V9_3 Liftoff exon    18981750        18982045        .       -
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        .       Parent=Smp_347080.1
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        .       Parent=Smp_347080.1
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        .       Parent=Smp_347080.1
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        .       Parent=Smp_347080.1
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SM_V9_3 Liftoff CDS     18985208        18985391        .       -
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        0       Parent=Smp_347080.1
SM_V9_3 Liftoff CDS     18988194        18988355        .       -
        0       Parent=Smp_347080.1
SM_V9_3 Liftoff CDS     18992861        18992991        .       -
        2       Parent=Smp_347080.1
SM_V9_3 Liftoff CDS     18993027        18993067        .       -
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SM_V9_3 Liftoff CDS     18993242        18993313        .       -
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        .
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p_113780
SM_V9_3 Liftoff mRNA    19000370        19003164        .       +
        .
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LSm6;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR016487
Pfam:PF01423;Ontology_term=GO:0000398,GO:0005732
SM_V9_3 Liftoff exon    19000370        19002795        .       +
        .       Parent=Smp_331920.1
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SM_V9_3 Liftoff exon    19002979        19003164        .       +
        .       Parent=Smp_331920.1
SM_V9_3 Liftoff CDS     19002705        19002795        .       +
        0       Parent=Smp_331920.1
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        2       Parent=Smp_331920.1
SM_V9_3 Liftoff CDS     19002979        19003010        .       +
        2       Parent=Smp_331920.1
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0005524,GO:0005634,GO:0006260,GO:0006270,GO:0042555
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SM_V9_3 Liftoff exon    19017531        19017674        .       -
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SM_V9_3 Liftoff CDS     19017709        19017800        .       -
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SM_V9_3 Liftoff mRNA    19025230        19046337        .       +
        .
ID=Smp_308310.1;Parent=Smp_308310;geneID=Smp_308310;product=Motor
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SM_V9_3 Liftoff exon    19025230        19026556        .       +
        .       Parent=Smp_308310.1
SM_V9_3 Liftoff exon    19044206        19044378        .       +
        .       Parent=Smp_308310.1
SM_V9_3 Liftoff exon    19045937        19046337        .       +
        .       Parent=Smp_308310.1
SM_V9_3 Liftoff CDS     19025608        19026556        .       +
        0       Parent=Smp_308310.1
SM_V9_3 Liftoff CDS     19044206        19044378        .       +
        2       Parent=Smp_308310.1
SM_V9_3 Liftoff CDS     19045937        19046170        .       +
        0       Parent=Smp_308310.1
SM_V9_3 Liftoff gene    19052876        19053976        .       -
        .       ID=Smp_325970;geneID=Smp_325970
SM_V9_3 Liftoff mRNA    19052876        19053976        .       -
        .
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terized 55.8 kDa protein in cps region
SM_V9_3 Liftoff exon    19052876        19053976        .       -
        .       Parent=Smp_325970.1
SM_V9_3 Liftoff CDS     19053331        19053579        .       -
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        .
ID=Smp_126200;geneID=Smp_126200;gene_name=Smp_126200;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    19057611        19064339        .       -
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NPRL2;date_creation=2022-07-26
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SM_V9_3 iris    exon    19060917        19061495        .       -
        .
Parent=Smp_126200.1;Name=97f62650-1c8e-4b23-9508-68cf9cedefe2
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        .       Parent=Smp_126200.1;Name=de207387-5c44-425c-ad82-
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SM_V9_3 iris    CDS     19058347        19059357        .       -
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ied=2022-07-26;Name=Smp_007540.1;product=F-box protein
At2g34280;date_creation=2022-07-26
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        .
Parent=Smp_007540.1;Name=2856ddfc-43ab-47b1-9300-4207bbf31135
SM_V9_3 iris    exon    19068249        19068496        .       -
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SM_V9_3 iris    CDS     19066497        19067048        .       -
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        .       ID=Smp_007550;geneID=Smp_007550
SM_V9_3 Liftoff mRNA    19075801        19092278        .       +
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ene A-4
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IPR034015
Pfam:PF01433,PF09127;Ontology_term=GO:0005488,GO:0008237,GO:0008270
SM_V9_3 Liftoff exon    19075801        19076796        .       +
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        .       Parent=Smp_007550.1
SM_V9_3 Liftoff exon    19080771        19080984        .       +
        .       Parent=Smp_007550.1
SM_V9_3 Liftoff exon    19082936        19083142        .       +
        .       Parent=Smp_007550.1
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        .       Parent=Smp_007550.1
SM_V9_3 Liftoff exon    19086342        19086513        .       +
        .       Parent=Smp_007550.1
SM_V9_3 Liftoff exon    19088933        19089178        .       +
        .       Parent=Smp_007550.1
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        .       Parent=Smp_007550.1
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        .       Parent=Smp_007550.1
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        0       Parent=Smp_007550.1
SM_V9_3 Liftoff CDS     19085511        19085652        .       +
        0       Parent=Smp_007550.1
SM_V9_3 Liftoff CDS     19086342        19086513        .       +
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        1       Parent=Smp_007550.1
SM_V9_3 Liftoff CDS     19090765        19090869        .       +
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SM_V9_3 Liftoff CDS     19091954        19092098        .       +
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        .       ID=Smp_126210;geneID=Smp_126210
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ical protein
SM_V9_3 Liftoff exon    19102172        19104066        .       +
        .       Parent=Smp_126210.1
SM_V9_3 Liftoff CDS     19102477        19103505        .       +
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SM_V9_3 Liftoff mRNA    19102172        19104066        .       +
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SM_V9_3 Liftoff CDS     19102477        19103505        .       +
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SM_V9_3 Liftoff mRNA    19114321        19116138        .       +
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terized protein HI_1038;polypeptide_domain=InterPro:IPR011993
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        .       ID=Smp_126230;geneID=Smp_126230
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        .
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Pfam:PF00041,PF00069,PF07679;Ontology_term=GO:0004672,GO:0005515,GO:
0005524,GO:0006468
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SM_V9_3 Liftoff exon    19153350        19153531        .       -
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        .       Parent=Smp_126240.2
SM_V9_3 Liftoff exon    19181726        19181977        .       -
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SM_V9_3 Liftoff exon    19214830        19215024        .       -
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SM_V9_3 Liftoff exon    19263082        19263341        .       -
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SM_V9_3 Liftoff CDS     19164626        19164722        .       -
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SM_V9_3 Liftoff CDS     19165338        19165549        .       -
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SM_V9_3 Liftoff CDS     19168913        19169197        .       -
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SM_V9_3 Liftoff CDS     19171395        19171697        .       -
        2       Parent=Smp_126240.2
SM_V9_3 Liftoff CDS     19172322        19172624        .       -
        2       Parent=Smp_126240.2
SM_V9_3 Liftoff CDS     19173611        19173700        .       -
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SM_V9_3 Liftoff CDS     19174708        19174896        .       -
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SM_V9_3 Liftoff CDS     19175003        19175293        .       -
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SM_V9_3 Liftoff CDS     19177036        19177344        .       -
        2       Parent=Smp_126240.2
SM_V9_3 Liftoff CDS     19178587        19178700        .       -
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SM_V9_3 Liftoff CDS     19179846        19180034        .       -
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SM_V9_3 Liftoff CDS     19180467        19180686        .       -
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SM_V9_3 Liftoff CDS     19181726        19181977        .       -
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SM_V9_3 Liftoff CDS     19182862        19182977        .       -
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SM_V9_3 Liftoff CDS     19185027        19185038        .       -
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SM_V9_3 Liftoff CDS     19186461        19186602        .       -
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SM_V9_3 Liftoff CDS     19187644        19187801        .       -
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SM_V9_3 Liftoff CDS     19187914        19188058        .       -
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SM_V9_3 Liftoff CDS     19189385        19189522        .       -
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SM_V9_3 Liftoff CDS     19208326        19208467        .       -
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SM_V9_3 Liftoff CDS     19209364        19209521        .       -
        1       Parent=Smp_126240.2
SM_V9_3 Liftoff CDS     19210542        19210686        .       -
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SM_V9_3 Liftoff CDS     19211844        19212135        .       -
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SM_V9_3 Liftoff CDS     19213141        19213514        .       -
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SM_V9_3 Liftoff CDS     19213605        19213799        .       -
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SM_V9_3 Liftoff CDS     19213932        19214036        .       -
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SM_V9_3 Liftoff CDS     19214830        19215024        .       -
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SM_V9_3 Liftoff CDS     19279569        19279671        .       -
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SM_V9_3 Liftoff CDS     19280499        19280745        .       -
        2       Parent=Smp_126240.2
SM_V9_3 Liftoff CDS     19281472        19281537        .       -
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SM_V9_3 Liftoff CDS     19282128        19282215        .       -
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SM_V9_3 Liftoff CDS     19297238        19297545        .       -
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SM_V9_3 Liftoff CDS     19299562        19299859        .       -
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SM_V9_3 Liftoff exon    19143409        19143810        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19144507        19144657        .       -
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SM_V9_3 Liftoff exon    19145674        19146071        .       -
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SM_V9_3 Liftoff exon    19156400        19156502        .       -
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SM_V9_3 Liftoff exon    19158291        19158417        .       -
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SM_V9_3 Liftoff exon    19160281        19160480        .       -
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SM_V9_3 Liftoff exon    19161908        19162049        .       -
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SM_V9_3 Liftoff exon    19163218        19163421        .       -
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SM_V9_3 Liftoff exon    19164626        19164722        .       -
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SM_V9_3 Liftoff exon    19165338        19165549        .       -
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SM_V9_3 Liftoff exon    19166359        19166806        .       -
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SM_V9_3 Liftoff exon    19171395        19171697        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19172322        19172624        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19173611        19173700        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19174708        19174896        .       -
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SM_V9_3 Liftoff exon    19175003        19175293        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19177036        19177344        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19178587        19178700        .       -
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SM_V9_3 Liftoff exon    19179846        19180034        .       -
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SM_V9_3 Liftoff exon    19180467        19180686        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19181726        19181977        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19182862        19182977        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19185085        19185236        .       -
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SM_V9_3 Liftoff exon    19186461        19186602        .       -
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SM_V9_3 Liftoff exon    19187644        19187801        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19187914        19188058        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19189385        19189522        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19189577        19189676        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19189868        19190241        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19193813        19194007        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19194176        19194280        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19194336        19194530        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19196541        19196645        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19198081        19198389        .       -
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SM_V9_3 Liftoff exon    19199221        19199334        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19200847        19201029        .       -
        .       Parent=Smp_126240.1
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SM_V9_3 Liftoff exon    19203289        19203540        .       -
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SM_V9_3 Liftoff exon    19205240        19205355        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19206019        19206170        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19208326        19208467        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19209364        19209521        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19210542        19210686        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19211844        19212135        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19213141        19213514        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19213605        19213799        .       -
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SM_V9_3 Liftoff exon    19213932        19214036        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19214830        19215024        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19216338        19216442        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19217742        19218050        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19219687        19219800        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19221483        19221671        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19222514        19222733        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19223588        19223839        .       -
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SM_V9_3 Liftoff exon    19225822        19225937        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19228970        19229121        .       -
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SM_V9_3 Liftoff exon    19230032        19230173        .       -
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SM_V9_3 Liftoff exon    19231341        19231498        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19232676        19232820        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19233665        19233956        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19234087        19234460        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19237375        19237569        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19239099        19239203        .       -
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SM_V9_3 Liftoff exon    19240739        19240930        .       -
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SM_V9_3 Liftoff exon    19243955        19244059        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19246696        19246986        .       -
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SM_V9_3 Liftoff exon    19247972        19248274        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19249283        19249479        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19252393        19252655        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19253957        19254081        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19256074        19256338        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19257028        19257353        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19258279        19258476        .       -
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SM_V9_3 Liftoff exon    19261293        19261395        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19263082        19263341        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19264861        19265008        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19270361        19270624        .       -
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SM_V9_3 Liftoff exon    19275656        19275813        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19276919        19277080        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19279569        19279671        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19280499        19280745        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19281472        19281537        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19282128        19282215        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19283954        19284152        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19286490        19286575        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19287893        19288113        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19297238        19297545        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19299562        19299859        .       -
        .       Parent=Smp_126240.1
SM_V9_3 Liftoff exon    19308427        19309110        .       -
        .       Parent=Smp_126240.1
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SM_V9_3 Liftoff CDS     19140756        19140982        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19142431        19142547        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19143409        19143810        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19144507        19144657        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19145674        19146071        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19146755        19146923        .       -
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SM_V9_3 Liftoff CDS     19153350        19153531        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19153648        19153841        .       -
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SM_V9_3 Liftoff CDS     19155124        19155241        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19156400        19156502        .       -
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SM_V9_3 Liftoff CDS     19158291        19158417        .       -
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SM_V9_3 Liftoff CDS     19159608        19159760        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19160281        19160480        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19161908        19162049        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19163218        19163421        .       -
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SM_V9_3 Liftoff CDS     19164626        19164722        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19165338        19165549        .       -
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SM_V9_3 Liftoff CDS     19166359        19166806        .       -
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SM_V9_3 Liftoff CDS     19168913        19169197        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19171395        19171697        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19172322        19172624        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19173611        19173700        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19174708        19174896        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19175003        19175293        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19177036        19177344        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19178587        19178700        .       -
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SM_V9_3 Liftoff CDS     19179846        19180034        .       -
        2       Parent=Smp_126240.1
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SM_V9_3 Liftoff CDS     19180467        19180686        .       -
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SM_V9_3 Liftoff CDS     19181726        19181977        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19182862        19182977        .       -
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SM_V9_3 Liftoff CDS     19185085        19185236        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19186461        19186602        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19187644        19187801        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19187914        19188058        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19189385        19189522        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19189577        19189676        .       -
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SM_V9_3 Liftoff CDS     19189868        19190241        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19193813        19194007        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19194176        19194280        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19194336        19194530        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19196541        19196645        .       -
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SM_V9_3 Liftoff CDS     19198081        19198389        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19199221        19199334        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19200847        19201029        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19201209        19201428        .       -
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SM_V9_3 Liftoff CDS     19203289        19203540        .       -
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SM_V9_3 Liftoff CDS     19205240        19205355        .       -
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SM_V9_3 Liftoff CDS     19206019        19206170        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19208326        19208467        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19209364        19209521        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19210542        19210686        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19211844        19212135        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19213141        19213514        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19213605        19213799        .       -
        2       Parent=Smp_126240.1
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SM_V9_3 Liftoff CDS     19213932        19214036        .       -
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SM_V9_3 Liftoff CDS     19214830        19215024        .       -
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SM_V9_3 Liftoff CDS     19216338        19216442        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19217742        19218050        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19219687        19219800        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19221483        19221671        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19222514        19222733        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19223588        19223839        .       -
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SM_V9_3 Liftoff CDS     19225822        19225937        .       -
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SM_V9_3 Liftoff CDS     19231341        19231498        .       -
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SM_V9_3 Liftoff CDS     19232676        19232820        .       -
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SM_V9_3 Liftoff CDS     19233665        19233956        .       -
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SM_V9_3 Liftoff CDS     19234087        19234460        .       -
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SM_V9_3 Liftoff CDS     19237375        19237569        .       -
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SM_V9_3 Liftoff CDS     19240739        19240930        .       -
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SM_V9_3 Liftoff CDS     19243955        19244059        .       -
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SM_V9_3 Liftoff CDS     19246696        19246986        .       -
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SM_V9_3 Liftoff CDS     19247972        19248274        .       -
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SM_V9_3 Liftoff CDS     19252393        19252655        .       -
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SM_V9_3 Liftoff CDS     19253957        19254081        .       -
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SM_V9_3 Liftoff CDS     19256074        19256338        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19257028        19257353        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19258279        19258476        .       -
        2       Parent=Smp_126240.1
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SM_V9_3 Liftoff CDS     19261293        19261395        .       -
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SM_V9_3 Liftoff CDS     19270361        19270624        .       -
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SM_V9_3 Liftoff CDS     19271883        19272132        .       -
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SM_V9_3 Liftoff CDS     19275656        19275813        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19276919        19277080        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19279569        19279671        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19280499        19280745        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19281472        19281537        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19282128        19282215        .       -
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SM_V9_3 Liftoff CDS     19283954        19284152        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19286490        19286575        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19287893        19288113        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19297238        19297545        .       -
        1       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19299562        19299859        .       -
        2       Parent=Smp_126240.1
SM_V9_3 Liftoff CDS     19308427        19308436        .       -
        0       Parent=Smp_126240.1
SM_V9_3 Liftoff gene    19321720        19386867        .       -
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p_179920,Smp_197580,Smp_243420
SM_V9_3 Liftoff mRNA    19321720        19386867        .       -
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ID=Smp_336670.1;Parent=Smp_336670;geneID=Smp_336670;product=Tetratri
copeptide repeat protein
21B;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13174,PF13181,PF14559;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    19321720        19322580        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19324838        19324905        .       -
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SM_V9_3 Liftoff exon    19328655        19328775        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19332350        19332460        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19337948        19338061        .       -
        .       Parent=Smp_336670.1
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SM_V9_3 Liftoff exon    19340763        19340888        .       -
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        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19346299        19346449        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19348381        19348645        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19355242        19355653        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19357432        19357630        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19360256        19360584        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19362826        19363064        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19365245        19365544        .       -
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SM_V9_3 Liftoff exon    19380281        19380628        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19381809        19381916        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19383709        19383806        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19385158        19385350        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19385461        19385559        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19385597        19385681        .       -
        .       Parent=Smp_336670.1
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SM_V9_3 Liftoff exon    19385955        19386043        .       -
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SM_V9_3 Liftoff exon    19386097        19386198        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19386242        19386306        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19386349        19386459        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19386491        19386620        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff exon    19386656        19386867        .       -
        .       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19322503        19322580        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19324838        19324905        .       -
        2       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19328655        19328775        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19332350        19332460        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19337948        19338061        .       -
        0       Parent=Smp_336670.1
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SM_V9_3 Liftoff CDS     19340763        19340888        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19342768        19343023        .       -
        1       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19346299        19346449        .       -
        2       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19348381        19348645        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19355242        19355653        .       -
        1       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19357432        19357630        .       -
        2       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19360256        19360584        .       -
        1       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19362826        19363064        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19365245        19365544        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19380281        19380628        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19381809        19381916        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19383709        19383806        .       -
        2       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19385158        19385350        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19385461        19385559        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19385597        19385681        .       -
        1       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19385719        19385919        .       -
        1       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19385955        19386043        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19386097        19386198        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19386242        19386306        .       -
        2       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19386349        19386459        .       -
        2       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19386491        19386620        .       -
        0       Parent=Smp_336670.1
SM_V9_3 Liftoff CDS     19386656        19386682        .       -
        0       Parent=Smp_336670.1
SM_V9_3 iris    gene    19418501        19425970        .       +
        .
ID=Smp_179910;geneID=Smp_179910;gene_name=Smp_179910;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    19418501        19425970        .       +
        .
ID=Smp_179910.1;Parent=Smp_179910;geneID=Smp_179910;gene_name=Smp_17
9910;owner=irisadmin@local.host;orig_id=Smp_179910.1;date_last_modif
ied=2022-07-26;Name=Smp_179910.1;product=Psmras1;date_creation=2022-
07-26
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SM_V9_3 iris    exon    19418501        19418587        .       +
        .       Parent=Smp_179910.1;Name=bce32afc-41b3-41f2-85eb-
a26f20ef3ba8
SM_V9_3 iris    exon    19418628        19418676        .       +
        .       Parent=Smp_179910.1;Name=d6947a83-d6ce-4ce2-8137-
c748d51ae3d1
SM_V9_3 iris    exon    19418712        19418740        .       +
        .       Parent=Smp_179910.1;Name=5ca4889a-703e-464a-
a5e8-56d7e15cdf14
SM_V9_3 iris    exon    19418781        19418865        .       +
        .       Parent=Smp_179910.1;Name=263e3ff8-70aa-412c-
ae18-1d78d7350720
SM_V9_3 iris    exon    19418899        19419041        .       +
        .       Parent=Smp_179910.1;Name=3440f830-2e3e-4e91-82ef-
c381bbeec708
SM_V9_3 iris    exon    19419078        19419238        .       +
        .       Parent=Smp_179910.1;Name=debd80a7-db15-4fd1-
b473-681f200ce0dc
SM_V9_3 iris    exon    19424979        19425970        .       +
        .       Parent=Smp_179910.1;Name=fb183a79-153d-40fb-
ba3c-58d87dccd4c4
SM_V9_3 iris    CDS     19418557        19418587        .       +
        0       Parent=Smp_179910.1
SM_V9_3 iris    CDS     19418628        19418676        .       +
        2       Parent=Smp_179910.1
SM_V9_3 iris    CDS     19418712        19418740        .       +
        1       Parent=Smp_179910.1
SM_V9_3 iris    CDS     19418781        19418865        .       +
        2       Parent=Smp_179910.1
SM_V9_3 iris    CDS     19418899        19419041        .       +
        1       Parent=Smp_179910.1
SM_V9_3 iris    CDS     19419078        19419238        .       +
        2       Parent=Smp_179910.1
SM_V9_3 iris    CDS     19424979        19425035        .       +
        0       Parent=Smp_179910.1
SM_V9_3 Liftoff gene    19479564        19505637        .       -
        .       ID=Smp_162520;geneID=Smp_162520
SM_V9_3 Liftoff mRNA    19479564        19505637        .       -
        .
ID=Smp_162520.1;Parent=Smp_162520;geneID=Smp_162520;product=Protocad
herin Fat
4;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_3 Liftoff exon    19479564        19480483        .       -
        .       Parent=Smp_162520.1
SM_V9_3 Liftoff exon    19481981        19482092        .       -
        .       Parent=Smp_162520.1
SM_V9_3 Liftoff exon    19483158        19483234        .       -
        .       Parent=Smp_162520.1
SM_V9_3 Liftoff exon    19485336        19505637        .       -
        .       Parent=Smp_162520.1
SM_V9_3 Liftoff CDS     19479960        19480483        .       -
        2       Parent=Smp_162520.1
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SM_V9_3 Liftoff CDS     19481981        19482092        .       -
        0       Parent=Smp_162520.1
SM_V9_3 Liftoff CDS     19483158        19483234        .       -
        2       Parent=Smp_162520.1
SM_V9_3 Liftoff CDS     19485336        19489011        .       -
        0       Parent=Smp_162520.1
SM_V9_3 Liftoff gene    19600384        19603423        .       -
        .       ID=Smp_074770;geneID=Smp_074770
SM_V9_3 Liftoff mRNA    19600384        19603423        .       -
        .
ID=Smp_074770.1;Parent=Smp_074770;geneID=Smp_074770;product=L-seryl-
tRNA(Sec) kinase;polypeptide_domain=InterPro:IPR013641,IPR027417
Pfam:PF08433
SM_V9_3 Liftoff exon    19600384        19600832        .       -
        .       Parent=Smp_074770.1
SM_V9_3 Liftoff exon    19600866        19601044        .       -
        .       Parent=Smp_074770.1
SM_V9_3 Liftoff exon    19601086        19601275        .       -
        .       Parent=Smp_074770.1
SM_V9_3 Liftoff exon    19601304        19601532        .       -
        .       Parent=Smp_074770.1
SM_V9_3 Liftoff exon    19601569        19603423        .       -
        .       Parent=Smp_074770.1
SM_V9_3 Liftoff CDS     19600645        19600832        .       -
        2       Parent=Smp_074770.1
SM_V9_3 Liftoff CDS     19600866        19601044        .       -
        1       Parent=Smp_074770.1
SM_V9_3 Liftoff CDS     19601086        19601275        .       -
        2       Parent=Smp_074770.1
SM_V9_3 Liftoff CDS     19601304        19601532        .       -
        0       Parent=Smp_074770.1
SM_V9_3 Liftoff CDS     19601569        19601727        .       -
        0       Parent=Smp_074770.1
SM_V9_3 Liftoff gene    19613540        19615096        .       +
        .       ID=Smp_074780;geneID=Smp_074780
SM_V9_3 Liftoff mRNA    19613540        19615096        .       +
        .
ID=Smp_074780.1;Parent=Smp_074780;geneID=Smp_074780;product=40S
ribosomal protein
S18;polypeptide_domain=InterPro:IPR001892,IPR010979,IPR018269,IPR027
437
Pfam:PF00416;Ontology_term=GO:0003676,GO:0003723,GO:0003735,GO:00056
22,GO:0005840,GO:0006412
SM_V9_3 Liftoff exon    19613540        19613595        .       +
        .       Parent=Smp_074780.1
SM_V9_3 Liftoff exon    19613634        19614013        .       +
        .       Parent=Smp_074780.1
SM_V9_3 Liftoff exon    19614998        19615096        .       +
        .       Parent=Smp_074780.1
SM_V9_3 Liftoff CDS     19613593        19613595        .       +
        0       Parent=Smp_074780.1
SM_V9_3 Liftoff CDS     19613634        19614013        .       +
        0       Parent=Smp_074780.1
SM_V9_3 Liftoff CDS     19614998        19615073        .       +
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        1       Parent=Smp_074780.1
SM_V9_3 Liftoff gene    19616911        19650016        .       -
        .       ID=Smp_162540;geneID=Smp_162540
SM_V9_3 Liftoff mRNA    19616911        19650016        .       -
        .
ID=Smp_162540.1;Parent=Smp_162540;geneID=Smp_162540;product=Tektin-3
;polypeptide_domain=InterPro:IPR000435 Pfam:PF03148
SM_V9_3 Liftoff exon    19616911        19617175        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19618882        19619036        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19619091        19619313        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19621821        19621964        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19625686        19625756        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19630444        19630581        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19637309        19637394        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19638985        19639163        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff exon    19643627        19650016        .       -
        .       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19616944        19617175        .       -
        1       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19618882        19619036        .       -
        0       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19619091        19619313        .       -
        1       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19621821        19621964        .       -
        1       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19625686        19625756        .       -
        0       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19630444        19630581        .       -
        0       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19637309        19637394        .       -
        2       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19638985        19639163        .       -
        1       Parent=Smp_162540.1
SM_V9_3 Liftoff CDS     19643627        19643811        .       -
        0       Parent=Smp_162540.1
SM_V9_3 iris    gene    19677450        19717018        .       +
        .
ID=Smp_162550;geneID=Smp_162550;gene_name=Smp_162550;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    19677450        19717018        .       +
        .
ID=Smp_162550.1;Parent=Smp_162550;geneID=Smp_162550;gene_name=Smp_16
2550;owner=irisadmin@local.host;orig_id=Smp_162550.1;date_last_modif
ied=2022-07-26;Name=Smp_162550.1;product=Protocadherin-1;date_creati
on=2022-07-26
SM_V9_3 iris    exon    19677450        19677829        .       +
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        .       Parent=Smp_162550.1;Name=3a88d4d5-
bad8-416d-83b8-2df829407bbb
SM_V9_3 iris    exon    19691177        19692786        .       +
        .
Parent=Smp_162550.1;Name=4b8df36c-95b6-4d24-9a91-886c5b9d808f
SM_V9_3 iris    exon    19696686        19697717        .       +
        .       Parent=Smp_162550.1;Name=625fc5b4-8b67-4d26-
b780-9bd754933d92
SM_V9_3 iris    exon    19702172        19702378        .       +
        .
Parent=Smp_162550.1;Name=dd1282c5-654b-4cf7-8a03-17a858bf5e22
SM_V9_3 iris    exon    19704479        19704796        .       +
        .       Parent=Smp_162550.1;Name=57710ba2-5dc3-4ea7-8006-
f6ce0fab8272
SM_V9_3 iris    exon    19711049        19711739        .       +
        .       Parent=Smp_162550.1;Name=31c3ff78-b073-4658-99d5-
ea0dc68c0629
SM_V9_3 iris    exon    19713485        19713537        .       +
        .
Parent=Smp_162550.1;Name=754f5f43-5b10-485e-9e71-3d4451733bba
SM_V9_3 iris    exon    19714300        19714516        .       +
        .
Parent=Smp_162550.1;Name=99a1c4c1-8026-4073-9ed0-6db641b9a84c
SM_V9_3 iris    exon    19716010        19717018        .       +
        .       Parent=Smp_162550.1;Name=40c1b997-9168-4050-891d-
f3041e9a4b60
SM_V9_3 iris    CDS     19691242        19692786        .       +
        0       Parent=Smp_162550.1
SM_V9_3 iris    CDS     19696686        19697717        .       +
        0       Parent=Smp_162550.1
SM_V9_3 iris    CDS     19702172        19702378        .       +
        0       Parent=Smp_162550.1
SM_V9_3 iris    CDS     19704479        19704796        .       +
        0       Parent=Smp_162550.1
SM_V9_3 iris    CDS     19711049        19711739        .       +
        0       Parent=Smp_162550.1
SM_V9_3 iris    CDS     19713485        19713537        .       +
        2       Parent=Smp_162550.1
SM_V9_3 iris    CDS     19714300        19714516        .       +
        0       Parent=Smp_162550.1
SM_V9_3 iris    CDS     19716010        19716779        .       +
        2       Parent=Smp_162550.1
SM_V9_3 Liftoff gene    19735501        19741101        .       -
        .
ID=Smp_337640;geneID=Smp_337640;previous_systematic_id=Smp_162560,Sm
p_162570
SM_V9_3 Liftoff mRNA    19735501        19741101        .       -
        .
ID=Smp_337640.1;Parent=Smp_337640;geneID=Smp_337640;product=Ferredox
in--NADP reductase, leaf isozyme, chloroplastic
SM_V9_3 Liftoff exon    19735501        19741101        .       -
        .       Parent=Smp_337640.1
SM_V9_3 Liftoff CDS     19735540        19735698        .       -
        0       Parent=Smp_337640.1
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SM_V9_3 Liftoff gene    19776826        19811726        .       +
        .       ID=Smp_074830;geneID=Smp_074830
SM_V9_3 Liftoff mRNA    19776826        19811726        .       +
        .
ID=Smp_074830.1;Parent=Smp_074830;geneID=Smp_074830;product=Tubulin
polyglutamylase ttll6;polypeptide_domain=InterPro:IPR004344
Pfam:PF03133;Ontology_term=GO:0006464
SM_V9_3 Liftoff exon    19776826        19776984        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19777028        19777286        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19777324        19777399        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19777441        19777481        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19778978        19779096        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19780718        19780848        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19781965        19782121        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19784325        19784612        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19798210        19798380        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19799456        19799637        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19803902        19804087        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19805118        19805734        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19806325        19806446        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19807437        19808079        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff exon    19810782        19811726        .       +
        .       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19776967        19776984        .       +
        0       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19777028        19777286        .       +
        0       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19777324        19777399        .       +
        2       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19777441        19777481        .       +
        1       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19778978        19779096        .       +
        2       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19780718        19780848        .       +
        0       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19781965        19782121        .       +
        1       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19784325        19784612        .       +
        0       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19798210        19798380        .       +
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        0       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19799456        19799637        .       +
        0       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19803902        19804087        .       +
        1       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19805118        19805734        .       +
        1       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19806325        19806446        .       +
        2       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19807437        19808079        .       +
        0       Parent=Smp_074830.1
SM_V9_3 Liftoff CDS     19810782        19810975        .       +
        2       Parent=Smp_074830.1
SM_V9_3 iris    gene    19816168        19849058        .       -
        .
ID=Smp_162600;geneID=Smp_162600;gene_name=Smp_162600;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    19816168        19849058        .       -
        .
ID=Smp_162600.1;Parent=Smp_162600;geneID=Smp_162600;gene_name=Smp_16
2600;owner=irisadmin@local.host;orig_id=Smp_162600.1;date_last_modif
ied=2022-07-26;Name=Smp_162600.1;product=HEAT repeat-containing
protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    19816168        19816965        .       -
        .       Parent=Smp_162600.1;Name=ab6db437-8bca-4efe-
ba1d-05d9d96d73ae
SM_V9_3 iris    exon    19817985        19818094        .       -
        .       Parent=Smp_162600.1;Name=e41589ea-
bc74-438b-9877-4b81cf4e6847
SM_V9_3 iris    exon    19818720        19819150        .       -
        .
Parent=Smp_162600.1;Name=a96c157d-8726-4f93-88a3-48cdde4683c8
SM_V9_3 iris    exon    19820329        19820416        .       -
        .       Parent=Smp_162600.1;Name=542f95be-d7e8-4896-9b06-
dffb0dbac0ac
SM_V9_3 iris    exon    19821613        19821878        .       -
        .       Parent=Smp_162600.1;Name=fa36cadf-2d2d-477b-
aa33-885319224955
SM_V9_3 iris    exon    19822439        19822846        .       -
        .       Parent=Smp_162600.1;Name=2c8635c9-3cee-484d-b174-
abe52b219169
SM_V9_3 iris    exon    19823415        19823843        .       -
        .
Parent=Smp_162600.1;Name=00f8e667-3ffe-401f-8da3-1d02f1f1d5e5
SM_V9_3 iris    exon    19826003        19826539        .       -
        .       Parent=Smp_162600.1;Name=074698f8-53f4-42f5-
ab48-97e8fa8d71ff
SM_V9_3 iris    exon    19827529        19827662        .       -
        .       Parent=Smp_162600.1;Name=58b442de-cf38-481d-8593-
ba4c9a72ac7f
SM_V9_3 iris    exon    19828021        19828501        .       -
        .       Parent=Smp_162600.1;Name=f5060152-7774-4852-90fa-
f51b77290134
SM_V9_3 iris    exon    19829109        19829541        .       -
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        .       Parent=Smp_162600.1;Name=9c69ad58-ba59-46a3-a00d-
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SM_V9_3 iris    exon    19832917        19833237        .       -
        .       Parent=Smp_162600.1;Name=50a05b25-2ede-47ab-96e4-
d22aa145f4ee
SM_V9_3 iris    exon    19833766        19833872        .       -
        .       Parent=Smp_162600.1;Name=25bfcf4e-2163-4354-aca0-
ea02fd1da85d
SM_V9_3 iris    exon    19835107        19835566        .       -
        .       Parent=Smp_162600.1;Name=0d46333f-2bd5-4bf6-a6dd-
effefc31fe79
SM_V9_3 iris    exon    19836360        19836645        .       -
        .
Parent=Smp_162600.1;Name=f49d89fb-4ae0-4e2d-8748-67c9c97744b4
SM_V9_3 iris    exon    19837110        19837572        .       -
        .       Parent=Smp_162600.1;Name=e022f182-1940-445c-b27e-
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SM_V9_3 iris    exon    19838100        19838609        .       -
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b7585cb04085
SM_V9_3 iris    exon    19839708        19839809        .       -
        .       Parent=Smp_162600.1;Name=1db69dac-1e08-49a7-ab46-
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SM_V9_3 iris    exon    19841051        19841192        .       -
        .       Parent=Smp_162600.1;Name=31f3eb2c-968f-4be2-a81f-
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SM_V9_3 iris    exon    19841226        19841442        .       -
        .       Parent=Smp_162600.1;Name=8b8f6d8b-d1e2-4f91-9810-
d7b24d16605c
SM_V9_3 iris    exon    19841480        19841612        .       -
        .       Parent=Smp_162600.1;Name=acfe2303-
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SM_V9_3 iris    exon    19848971        19849058        .       -
        .       Parent=Smp_162600.1;Name=358bcc3a-c5dc-471a-
a6de-9e2037878625
SM_V9_3 iris    CDS     19816352        19816965        .       -
        2       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19817985        19818094        .       -
        1       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19818720        19819150        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19820329        19820416        .       -
        1       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19821613        19821878        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19822439        19822846        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19823415        19823843        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19826003        19826539        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19827529        19827662        .       -
        2       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19828021        19828501        .       -
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        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19829109        19829541        .       -
        1       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19832917        19833237        .       -
        1       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19833766        19833872        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19835107        19835566        .       -
        1       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19836360        19836645        .       -
        2       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19837110        19837572        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19838100        19838609        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19839708        19839809        .       -
        0       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19841051        19841192        .       -
        1       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19841226        19841442        .       -
        2       Parent=Smp_162600.1
SM_V9_3 iris    CDS     19841480        19841612        .       -
        0       Parent=Smp_162600.1
SM_V9_3 Liftoff gene    19854210        19877599        .       +
        .       ID=Smp_074870;geneID=Smp_074870
SM_V9_3 Liftoff mRNA    19854210        19877599        .       +
        .
ID=Smp_074870.1;Parent=Smp_074870;geneID=Smp_074870;product=tRNA-
splicing ligase RtcB
homolog;polypeptide_domain=InterPro:IPR001233,IPR027513
Pfam:PF01139;Ontology_term=GO:0003972,GO:0006388,GO:0006396,GO:00084
52,GO:0072669
SM_V9_3 Liftoff exon    19854210        19854328        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19854371        19854517        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19855779        19855827        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19862006        19862263        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19863520        19863776        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19869691        19869876        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19871384        19871572        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19873805        19873915        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19875561        19875723        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff exon    19877333        19877599        .       +
        .       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19854236        19854328        .       +
        0       Parent=Smp_074870.1
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SM_V9_3 Liftoff CDS     19854371        19854517        .       +
        0       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19855779        19855827        .       +
        0       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19862006        19862263        .       +
        2       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19863520        19863776        .       +
        2       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19869691        19869876        .       +
        0       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19871384        19871572        .       +
        0       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19873805        19873915        .       +
        0       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19875561        19875723        .       +
        0       Parent=Smp_074870.1
SM_V9_3 Liftoff CDS     19877333        19877397        .       +
        2       Parent=Smp_074870.1
SM_V9_3 Liftoff gene    19880500        19895418        .       +
        .       ID=Smp_074880;geneID=Smp_074880
SM_V9_3 Liftoff mRNA    19880500        19895418        .       +
        .
ID=Smp_074880.1;Parent=Smp_074880;geneID=Smp_074880;product=RPII140-
upstream gene protein
SM_V9_3 Liftoff exon    19880500        19880736        .       +
        .       Parent=Smp_074880.1
SM_V9_3 Liftoff exon    19883465        19883639        .       +
        .       Parent=Smp_074880.1
SM_V9_3 Liftoff exon    19885538        19885626        .       +
        .       Parent=Smp_074880.1
SM_V9_3 Liftoff exon    19887951        19888018        .       +
        .       Parent=Smp_074880.1
SM_V9_3 Liftoff exon    19892539        19895418        .       +
        .       Parent=Smp_074880.1
SM_V9_3 Liftoff CDS     19880525        19880736        .       +
        0       Parent=Smp_074880.1
SM_V9_3 Liftoff CDS     19883465        19883639        .       +
        1       Parent=Smp_074880.1
SM_V9_3 Liftoff CDS     19885538        19885626        .       +
        0       Parent=Smp_074880.1
SM_V9_3 Liftoff CDS     19887951        19888018        .       +
        1       Parent=Smp_074880.1
SM_V9_3 Liftoff CDS     19892539        19892717        .       +
        2       Parent=Smp_074880.1
SM_V9_3 Liftoff gene    19933170        19954964        .       +
        .       ID=Smp_074900;geneID=Smp_074900
SM_V9_3 Liftoff mRNA    19933170        19954964        .       +
        .
ID=Smp_074900.1;Parent=Smp_074900;geneID=Smp_074900;product=Docking
protein 2;polypeptide_domain=InterPro:IPR002404,IPR011993
Pfam:PF02174;Ontology_term=GO:0005158
SM_V9_3 Liftoff exon    19933170        19933256        .       +
        .       Parent=Smp_074900.1
SM_V9_3 Liftoff exon    19936711        19937218        .       +
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        .       Parent=Smp_074900.1
SM_V9_3 Liftoff exon    19938981        19939134        .       +
        .       Parent=Smp_074900.1
SM_V9_3 Liftoff exon    19948004        19948882        .       +
        .       Parent=Smp_074900.1
SM_V9_3 Liftoff exon    19953974        19954964        .       +
        .       Parent=Smp_074900.1
SM_V9_3 Liftoff CDS     19933191        19933256        .       +
        0       Parent=Smp_074900.1
SM_V9_3 Liftoff CDS     19936711        19937218        .       +
        0       Parent=Smp_074900.1
SM_V9_3 Liftoff CDS     19938981        19939134        .       +
        2       Parent=Smp_074900.1
SM_V9_3 Liftoff CDS     19948004        19948882        .       +
        1       Parent=Smp_074900.1
SM_V9_3 Liftoff CDS     19953974        19954598        .       +
        1       Parent=Smp_074900.1
SM_V9_3 Liftoff gene    19979107        20002207        .       +
        .       ID=Smp_162610;geneID=Smp_162610
SM_V9_3 Liftoff mRNA    19979107        19998658        .       +
        .
ID=Smp_162610.2;Parent=Smp_162610;geneID=Smp_162610;product=Protocad
herin-12;polypeptide_domain=InterPro:IPR002126,IPR013164,IPR015919,I
PR020894
Pfam:PF00028,PF08266;Ontology_term=GO:0005509,GO:0005886,GO:0007155,
GO:0007156,GO:0016020
SM_V9_3 Liftoff exon    19979107        19997174        .       +
        .       Parent=Smp_162610.2
SM_V9_3 Liftoff exon    19997761        19998658        .       +
        .       Parent=Smp_162610.2
SM_V9_3 Liftoff CDS     19994517        19997174        .       +
        0       Parent=Smp_162610.2
SM_V9_3 Liftoff CDS     19997761        19998360        .       +
        0       Parent=Smp_162610.2
SM_V9_3 Liftoff mRNA    19979107        20002207        .       +
        .
ID=Smp_162610.1;Parent=Smp_162610;geneID=Smp_162610;product=Protocad
herin-12;polypeptide_domain=InterPro:IPR002126,IPR013164,IPR015919,I
PR020894
Pfam:PF00028,PF08266;Ontology_term=GO:0005509,GO:0005886,GO:0007155,
GO:0007156,GO:0016020
SM_V9_3 Liftoff exon    19979107        19997174        .       +
        .       Parent=Smp_162610.1
SM_V9_3 Liftoff exon    19997761        19998337        .       +
        .       Parent=Smp_162610.1
SM_V9_3 Liftoff exon    20000903        20002207        .       +
        .       Parent=Smp_162610.1
SM_V9_3 Liftoff CDS     19994517        19997174        .       +
        0       Parent=Smp_162610.1
SM_V9_3 Liftoff CDS     19997761        19998337        .       +
        0       Parent=Smp_162610.1
SM_V9_3 Liftoff CDS     20000903        20001183        .       +
        2       Parent=Smp_162610.1
SM_V9_3 iris    gene    20002389        20018710        .       -
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SM_V9_3 iris    mRNA    20002389        20018710        .       -
        .
ID=Smp_162620.1;Parent=Smp_162620;geneID=Smp_162620;gene_name=Smp_16
2620;owner=irisadmin@local.host;orig_id=Smp_162620.2;date_last_modif
ied=2022-07-26;Name=Smp_162620.1;product=Dimethyladenosine
transferase 1, mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    20002389        20002915        .       -
        .       Parent=Smp_162620.1;Name=00cf5127-2e10-47ef-bf8a-
bc6850b2cbce
SM_V9_3 iris    exon    20005451        20005562        .       -
        .       Parent=Smp_162620.1;Name=dc131681-c841-49d3-
b7b9-91747dc0a690
SM_V9_3 iris    exon    20006503        20006654        .       -
        .       Parent=Smp_162620.1;Name=d9dd6cc8-5683-4fe0-ae1b-
f390684ec15f
SM_V9_3 iris    exon    20007883        20008251        .       -
        .       Parent=Smp_162620.1;Name=bed6a044-1b5c-429f-
a983-464b48bfd76b
SM_V9_3 iris    exon    20017035        20018710        .       -
        .       Parent=Smp_162620.1;Name=280ea149-8dd1-4272-a0e3-
e911faa68d5f
SM_V9_3 iris    CDS     20002709        20002915        .       -
        0       Parent=Smp_162620.1
SM_V9_3 iris    CDS     20005451        20005562        .       -
        1       Parent=Smp_162620.1
SM_V9_3 iris    CDS     20006503        20006654        .       -
        0       Parent=Smp_162620.1
SM_V9_3 iris    CDS     20007883        20008251        .       -
        0       Parent=Smp_162620.1
SM_V9_3 iris    CDS     20017035        20017064        .       -
        0       Parent=Smp_162620.1
SM_V9_3 Liftoff gene    20029207        20038511        .       +
        .       ID=Smp_074930;geneID=Smp_074930
SM_V9_3 Liftoff mRNA    20029207        20038511        .       +
        .
ID=Smp_074930.1;Parent=Smp_074930;geneID=Smp_074930;product=Palmitoy
ltransferase ZDHHC2;polypeptide_domain=InterPro:IPR001594
Pfam:PF01529
SM_V9_3 Liftoff exon    20029207        20032999        .       +
        .       Parent=Smp_074930.1
SM_V9_3 Liftoff exon    20033048        20033074        .       +
        .       Parent=Smp_074930.1
SM_V9_3 Liftoff exon    20033113        20033207        .       +
        .       Parent=Smp_074930.1
SM_V9_3 Liftoff exon    20033247        20033443        .       +
        .       Parent=Smp_074930.1
SM_V9_3 Liftoff exon    20035317        20035470        .       +
        .       Parent=Smp_074930.1
SM_V9_3 Liftoff exon    20035520        20035797        .       +
        .       Parent=Smp_074930.1
SM_V9_3 Liftoff exon    20038011        20038511        .       +
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SM_V9_3 Liftoff CDS     20032831        20032999        .       +
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SM_V9_3 Liftoff CDS     20033048        20033074        .       +
        2       Parent=Smp_074930.1
SM_V9_3 Liftoff CDS     20033113        20033207        .       +
        2       Parent=Smp_074930.1
SM_V9_3 Liftoff CDS     20033247        20033443        .       +
        0       Parent=Smp_074930.1
SM_V9_3 Liftoff CDS     20035317        20035470        .       +
        1       Parent=Smp_074930.1
SM_V9_3 Liftoff CDS     20035520        20035797        .       +
        0       Parent=Smp_074930.1
SM_V9_3 Liftoff CDS     20038011        20038089        .       +
        1       Parent=Smp_074930.1
SM_V9_3 Liftoff mRNA    20029207        20038511        .       +
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ID=Smp_074930.2;Parent=Smp_074930;geneID=Smp_074930;product=Palmitoy
ltransferase ZDHHC2;polypeptide_domain=InterPro:IPR001594
Pfam:PF01529
SM_V9_3 Liftoff exon    20029207        20032999        .       +
        .       Parent=Smp_074930.2
SM_V9_3 Liftoff exon    20033048        20033074        .       +
        .       Parent=Smp_074930.2
SM_V9_3 Liftoff exon    20033113        20033207        .       +
        .       Parent=Smp_074930.2
SM_V9_3 Liftoff exon    20033247        20033443        .       +
        .       Parent=Smp_074930.2
SM_V9_3 Liftoff exon    20035317        20035470        .       +
        .       Parent=Smp_074930.2
SM_V9_3 Liftoff exon    20035520        20035797        .       +
        .       Parent=Smp_074930.2
SM_V9_3 Liftoff exon    20038011        20038511        .       +
        .       Parent=Smp_074930.2
SM_V9_3 Liftoff CDS     20032747        20032999        .       +
        0       Parent=Smp_074930.2
SM_V9_3 Liftoff CDS     20033048        20033074        .       +
        2       Parent=Smp_074930.2
SM_V9_3 Liftoff CDS     20033113        20033207        .       +
        2       Parent=Smp_074930.2
SM_V9_3 Liftoff CDS     20033247        20033443        .       +
        0       Parent=Smp_074930.2
SM_V9_3 Liftoff CDS     20035317        20035470        .       +
        1       Parent=Smp_074930.2
SM_V9_3 Liftoff CDS     20035520        20035797        .       +
        0       Parent=Smp_074930.2
SM_V9_3 Liftoff CDS     20038011        20038089        .       +
        1       Parent=Smp_074930.2
SM_V9_3 Liftoff gene    20038587        20043366        .       +
        .       ID=Smp_074940;geneID=Smp_074940
SM_V9_3 Liftoff mRNA    20038587        20043366        .       +
        .
ID=Smp_074940.1;Parent=Smp_074940;geneID=Smp_074940;product=Kynureni
ne formamidase;polypeptide_domain=InterPro:IPR013094,IPR029058
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Pfam:PF07859;Ontology_term=GO:0008152,GO:0016787
SM_V9_3 Liftoff exon    20038587        20043366        .       +
        .       Parent=Smp_074940.1
SM_V9_3 Liftoff CDS     20039590        20040615        .       +
        0       Parent=Smp_074940.1
SM_V9_3 iris    gene    20044900        20047717        .       -
        .
ID=Smp_074950;geneID=Smp_074950;gene_name=Smp_074950;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20044900        20047717        .       -
        .
ID=Smp_074950.1;Parent=Smp_074950;geneID=Smp_074950;gene_name=Smp_07
4950;owner=irisadmin@local.host;orig_id=Smp_074950.1;date_last_modif
ied=2022-07-26;Name=Smp_074950.1;product=RWD domain-containing
protein 4;date_creation=2022-07-26
SM_V9_3 iris    exon    20044900        20045772        .       -
        .
Parent=Smp_074950.1;Name=f823ddd9-90ee-4d0a-9a3f-269322d20974
SM_V9_3 iris    exon    20045816        20046112        .       -
        .       Parent=Smp_074950.1;Name=5b819cb0-bc27-4de4-a96d-
a2b842ee4bcc
SM_V9_3 iris    exon    20046149        20046226        .       -
        .       Parent=Smp_074950.1;Name=759662c3-95f8-4e06-
bc57-0ec43d7f9009
SM_V9_3 iris    exon    20046260        20046289        .       -
        .       Parent=Smp_074950.1;Name=14bf2909-f3ae-4e93-9e29-
f28efa7a85ec
SM_V9_3 iris    exon    20047660        20047717        .       -
        .       Parent=Smp_074950.1;Name=537d28f8-2b24-4e1d-
bc60-4f0ba4bf09ac
SM_V9_3 iris    CDS     20045623        20045772        .       -
        0       Parent=Smp_074950.1
SM_V9_3 iris    CDS     20045816        20046112        .       -
        0       Parent=Smp_074950.1
SM_V9_3 iris    CDS     20046149        20046226        .       -
        0       Parent=Smp_074950.1
SM_V9_3 iris    CDS     20046260        20046283        .       -
        0       Parent=Smp_074950.1
SM_V9_3 Liftoff gene    20098801        20113373        .       -
        .       ID=Smp_162630;geneID=Smp_162630
SM_V9_3 Liftoff mRNA    20098801        20113373        .       -
        .
ID=Smp_162630.1;Parent=Smp_162630;geneID=Smp_162630;product=Ubiquiti
n-like modifier-activating enzyme
1;polypeptide_domain=InterPro:IPR000011,IPR000594,IPR018074,IPR01807
5,IPR018965,IPR019572,IPR032418,IPR032420
Pfam:PF00899,PF09358,PF10585,PF16190,PF16191;Ontology_term=GO:000646
4,GO:0008641
SM_V9_3 Liftoff exon    20098801        20099417        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20102017        20102117        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20102164        20102352        .       -
        .       Parent=Smp_162630.1
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SM_V9_3 Liftoff exon    20102735        20102958        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20103788        20104028        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20104438        20104566        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20105786        20105929        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20107752        20107889        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20108705        20108944        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20111400        20111606        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20111643        20111876        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20111913        20112200        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20112237        20112334        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20112371        20112503        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20112536        20113099        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff exon    20113137        20113373        .       -
        .       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20099273        20099417        .       -
        1       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20102017        20102117        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20102164        20102352        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20102735        20102958        .       -
        2       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20103788        20104028        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20104438        20104566        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20105786        20105929        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20107752        20107889        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20108705        20108944        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20111400        20111606        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20111643        20111876        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20111913        20112200        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20112237        20112334        .       -
        2       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20112371        20112503        .       -
        0       Parent=Smp_162630.1
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SM_V9_3 Liftoff CDS     20112536        20113099        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff CDS     20113137        20113235        .       -
        0       Parent=Smp_162630.1
SM_V9_3 Liftoff gene    20133529        20157115        .       +
        .       ID=Smp_162640;geneID=Smp_162640
SM_V9_3 Liftoff mRNA    20133529        20157115        .       +
        .
ID=Smp_162640.1;Parent=Smp_162640;geneID=Smp_162640;product=Adhesin
BmaC autotransporter
SM_V9_3 Liftoff exon    20133529        20133582        .       +
        .       Parent=Smp_162640.1
SM_V9_3 Liftoff exon    20133617        20133790        .       +
        .       Parent=Smp_162640.1
SM_V9_3 Liftoff exon    20156436        20157115        .       +
        .       Parent=Smp_162640.1
SM_V9_3 Liftoff CDS     20133568        20133582        .       +
        0       Parent=Smp_162640.1
SM_V9_3 Liftoff CDS     20133617        20133790        .       +
        0       Parent=Smp_162640.1
SM_V9_3 Liftoff CDS     20156436        20156543        .       +
        0       Parent=Smp_162640.1
SM_V9_3 iris    gene    20159304        20163576        .       -
        .
ID=Smp_075000;geneID=Smp_075000;gene_name=Smp_075000;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20159304        20163576        .       -
        .
ID=Smp_075000.1;Parent=Smp_075000;geneID=Smp_075000;gene_name=Smp_07
5000;owner=irisadmin@local.host;orig_id=Smp_075000.1;date_last_modif
ied=2022-07-26;Name=Smp_075000.1;product=Uncharacterized protein
YmfK;date_creation=2022-07-26
SM_V9_3 iris    exon    20159304        20159787        .       -
        .       Parent=Smp_075000.1;Name=dadb2bff-6b13-499e-
a004-844e62f00429
SM_V9_3 iris    exon    20161612        20161784        .       -
        .       Parent=Smp_075000.1;Name=d50519c4-8280-4bbe-
a026-83200442237c
SM_V9_3 iris    exon    20161828        20161949        .       -
        .       Parent=Smp_075000.1;Name=cc21ba60-4367-4e93-
b34d-47332f054b39
SM_V9_3 iris    exon    20161992        20162151        .       -
        .
Parent=Smp_075000.1;Name=9ec1148f-3292-45b1-8ec3-5ac3db343a0f
SM_V9_3 iris    exon    20162192        20162401        .       -
        .       Parent=Smp_075000.1;Name=a93169a7-b8b4-4f56-
bf79-6be35c4bdbe3
SM_V9_3 iris    exon    20162436        20162602        .       -
        .       Parent=Smp_075000.1;Name=cbe65887-e4ef-422a-
ab4d-18cc50a9d35d
SM_V9_3 iris    exon    20162637        20163576        .       -
        .       Parent=Smp_075000.1;Name=c66bae46-6e39-4944-
a267-899d368ba701
SM_V9_3 iris    CDS     20159560        20159787        .       -
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        0       Parent=Smp_075000.1
SM_V9_3 iris    CDS     20161612        20161784        .       -
        2       Parent=Smp_075000.1
SM_V9_3 iris    CDS     20161828        20161949        .       -
        1       Parent=Smp_075000.1
SM_V9_3 iris    CDS     20161992        20162151        .       -
        2       Parent=Smp_075000.1
SM_V9_3 iris    CDS     20162192        20162401        .       -
        2       Parent=Smp_075000.1
SM_V9_3 iris    CDS     20162436        20162574        .       -
        0       Parent=Smp_075000.1
SM_V9_3 Liftoff gene    20167077        20168511        .       +
        .       ID=Smp_074990;geneID=Smp_074990
SM_V9_3 Liftoff mRNA    20167077        20168511        .       +
        .
ID=Smp_074990.1;Parent=Smp_074990;geneID=Smp_074990;product=RCC1
domain-containing protein
1;polypeptide_domain=InterPro:IPR000408,IPR009091 Pfam:PF13540
SM_V9_3 Liftoff exon    20167077        20167242        .       +
        .       Parent=Smp_074990.1
SM_V9_3 Liftoff exon    20167277        20167486        .       +
        .       Parent=Smp_074990.1
SM_V9_3 Liftoff exon    20167527        20167549        .       +
        .       Parent=Smp_074990.1
SM_V9_3 Liftoff exon    20167683        20167690        .       +
        .       Parent=Smp_074990.1
SM_V9_3 Liftoff exon    20167729        20167850        .       +
        .       Parent=Smp_074990.1
SM_V9_3 Liftoff exon    20167894        20168511        .       +
        .       Parent=Smp_074990.1
SM_V9_3 Liftoff CDS     20167104        20167242        .       +
        0       Parent=Smp_074990.1
SM_V9_3 Liftoff CDS     20167277        20167486        .       +
        2       Parent=Smp_074990.1
SM_V9_3 Liftoff CDS     20167527        20167549        .       +
        2       Parent=Smp_074990.1
SM_V9_3 Liftoff CDS     20167683        20167690        .       +
        0       Parent=Smp_074990.1
SM_V9_3 Liftoff CDS     20167729        20167850        .       +
        1       Parent=Smp_074990.1
SM_V9_3 Liftoff CDS     20167894        20168141        .       +
        2       Parent=Smp_074990.1
SM_V9_3 Liftoff gene    20186442        20204499        .       -
        .       ID=Smp_162650;geneID=Smp_162650
SM_V9_3 Liftoff mRNA    20186442        20204499        .       -
        .
ID=Smp_162650.1;Parent=Smp_162650;geneID=Smp_162650;product=Anoctami
n-10;polypeptide_domain=InterPro:IPR007632 Pfam:PF04547
SM_V9_3 Liftoff exon    20186442        20187560        .       -
        .       Parent=Smp_162650.1
SM_V9_3 Liftoff exon    20190194        20190397        .       -
        .       Parent=Smp_162650.1
SM_V9_3 Liftoff exon    20200040        20200776        .       -
        .       Parent=Smp_162650.1
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SM_V9_3 Liftoff exon    20204109        20204499        .       -
        .       Parent=Smp_162650.1
SM_V9_3 Liftoff CDS     20186802        20187560        .       -
        0       Parent=Smp_162650.1
SM_V9_3 Liftoff CDS     20190194        20190397        .       -
        0       Parent=Smp_162650.1
SM_V9_3 Liftoff CDS     20200040        20200776        .       -
        2       Parent=Smp_162650.1
SM_V9_3 Liftoff CDS     20204109        20204463        .       -
        0       Parent=Smp_162650.1
SM_V9_3 Liftoff gene    20205939        20206710        .       -
        .       ID=Smp_075030;geneID=Smp_075030
SM_V9_3 Liftoff mRNA    20205939        20206710        .       -
        .
ID=Smp_075030.1;Parent=Smp_075030;geneID=Smp_075030;product=Myotroph
in;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF13637;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    20205939        20206293        .       -
        .       Parent=Smp_075030.1
SM_V9_3 Liftoff exon    20206330        20206413        .       -
        .       Parent=Smp_075030.1
SM_V9_3 Liftoff exon    20206453        20206566        .       -
        .       Parent=Smp_075030.1
SM_V9_3 Liftoff exon    20206600        20206710        .       -
        .       Parent=Smp_075030.1
SM_V9_3 Liftoff CDS     20206195        20206293        .       -
        0       Parent=Smp_075030.1
SM_V9_3 Liftoff CDS     20206330        20206413        .       -
        0       Parent=Smp_075030.1
SM_V9_3 Liftoff CDS     20206453        20206566        .       -
        0       Parent=Smp_075030.1
SM_V9_3 Liftoff CDS     20206600        20206671        .       -
        0       Parent=Smp_075030.1
SM_V9_3 iris    gene    20217397        20221950        .       +
        .
ID=Smp_075040;geneID=Smp_075040;gene_name=Smp_075040;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20217397        20221950        .       +
        .
ID=Smp_075040.1;Parent=Smp_075040;geneID=Smp_075040;gene_name=Smp_07
5040;owner=irisadmin@local.host;orig_id=Smp_075040.1;date_last_modif
ied=2022-07-26;Name=Smp_075040.1;product=UPF0538 protein C2orf76
homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    20217397        20219029        .       +
        .       Parent=Smp_075040.1;Name=0fdc30ee-9fb8-4a78-8397-
d23b84969789
SM_V9_3 iris    exon    20219072        20219122        .       +
        .       Parent=Smp_075040.1;Name=c0e77c93-
ec4d-42f9-83d1-7f96ea7128b4
SM_V9_3 iris    exon    20219762        20219799        .       +
        .       Parent=Smp_075040.1;Name=6cce606c-465a-4e08-
be35-4195071a1839
SM_V9_3 iris    exon    20219835        20219913        .       +
        .       Parent=Smp_075040.1;Name=f62b9d1e-bae4-43ee-9278-
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ac3da3dabb2c
SM_V9_3 iris    exon    20221776        20221950        .       +
        .       Parent=Smp_075040.1;Name=88d6d69c-e544-47c5-9de5-
e087b197bb29
SM_V9_3 iris    CDS     20218900        20219029        .       +
        0       Parent=Smp_075040.1
SM_V9_3 iris    CDS     20219072        20219122        .       +
        2       Parent=Smp_075040.1
SM_V9_3 iris    CDS     20219762        20219799        .       +
        2       Parent=Smp_075040.1
SM_V9_3 iris    CDS     20219835        20219913        .       +
        0       Parent=Smp_075040.1
SM_V9_3 iris    CDS     20221776        20221852        .       +
        2       Parent=Smp_075040.1
SM_V9_3 iris    gene    20224797        20236823        .       -
        .
ID=Smp_162660;geneID=Smp_162660;gene_name=Smp_162660;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20224797        20236823        .       -
        .
ID=Smp_162660.1;Parent=Smp_162660;geneID=Smp_162660;gene_name=Smp_16
2660;owner=irisadmin@local.host;orig_id=Smp_162660.1;date_last_modif
ied=2022-07-26;Name=Smp_162660.1;product=Glutamine-dependent NAD(+)
synthetase;date_creation=2022-07-26
SM_V9_3 iris    exon    20224797        20225206        .       -
        .       Parent=Smp_162660.1;Name=8e6552ae-946c-4080-
b0d0-5cebf5b538d6
SM_V9_3 iris    exon    20227258        20227767        .       -
        .
Parent=Smp_162660.1;Name=27375e63-83d3-4dd2-86cf-86bf5a1f7c94
SM_V9_3 iris    exon    20229221        20229477        .       -
        .       Parent=Smp_162660.1;Name=7e4b96c4-
cea6-46ef-85b7-5950ff963977
SM_V9_3 iris    exon    20230427        20230636        .       -
        .       Parent=Smp_162660.1;Name=f62890ce-
ea50-4eb5-97d3-23f52edade76
SM_V9_3 iris    exon    20231670        20231891        .       -
        .
Parent=Smp_162660.1;Name=d69ea89d-1a14-41d9-9841-0e392a17856e
SM_V9_3 iris    exon    20233052        20234069        .       -
        .
Parent=Smp_162660.1;Name=ab633c21-311d-48f0-8da0-91be55836157
SM_V9_3 iris    exon    20236628        20236823        .       -
        .       Parent=Smp_162660.1;Name=ecf0d8b0-112e-47a9-
a2a0-0d50b63a68fa
SM_V9_3 iris    CDS     20225110        20225206        .       -
        1       Parent=Smp_162660.1
SM_V9_3 iris    CDS     20227258        20227767        .       -
        1       Parent=Smp_162660.1
SM_V9_3 iris    CDS     20229221        20229477        .       -
        0       Parent=Smp_162660.1
SM_V9_3 iris    CDS     20230427        20230636        .       -
        0       Parent=Smp_162660.1
SM_V9_3 iris    CDS     20231670        20231891        .       -
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        0       Parent=Smp_162660.1
SM_V9_3 iris    CDS     20233052        20234062        .       -
        0       Parent=Smp_162660.1
SM_V9_3 Liftoff gene    20241717        20246980        .       +
        .       ID=Smp_075060;geneID=Smp_075060
SM_V9_3 Liftoff mRNA    20241717        20246681        .       +
        .
ID=Smp_075060.1;Parent=Smp_075060;geneID=Smp_075060;product=Glutamin
e-dependent NAD(+) synthetase;polypeptide_domain=InterPro:IPR003010
Pfam:PF00795;Ontology_term=GO:0006807,GO:0016810
SM_V9_3 Liftoff exon    20241717        20246681        .       +
        .       Parent=Smp_075060.1
SM_V9_3 Liftoff CDS     20244437        20245492        .       +
        0       Parent=Smp_075060.1
SM_V9_3 Liftoff mRNA    20241717        20246980        .       +
        .
ID=Smp_075060.2;Parent=Smp_075060;geneID=Smp_075060;product=Glutamin
e-dependent NAD(+)
synthetase;polypeptide_domain=InterPro:IPR003010,IPR014445
Pfam:PF00795;Ontology_term=GO:0003952,GO:0005524,GO:0006807,GO:00094
35,GO:0016810
SM_V9_3 Liftoff exon    20241717        20245447        .       +
        .       Parent=Smp_075060.2
SM_V9_3 Liftoff exon    20246608        20246980        .       +
        .       Parent=Smp_075060.2
SM_V9_3 Liftoff CDS     20244437        20245447        .       +
        0       Parent=Smp_075060.2
SM_V9_3 Liftoff CDS     20246608        20246778        .       +
        0       Parent=Smp_075060.2
SM_V9_3 Liftoff gene    20247515        20315929        .       +
        .
ID=Smp_337650;geneID=Smp_337650;previous_systematic_id=Smp_157580,Sm
p_162670
SM_V9_3 Liftoff mRNA    20247515        20315929        .       +
        .
ID=Smp_337650.1;Parent=Smp_337650;geneID=Smp_337650;product=Sperm-
associated antigen 17;polypeptide_domain=InterPro:IPR013783
SM_V9_3 Liftoff exon    20247515        20247630        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20247658        20247990        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20249321        20249483        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20250799        20250990        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20252314        20252510        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20255015        20255368        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20257282        20257386        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20262328        20262694        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20264194        20264514        .       +
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        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20268117        20268505        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20270696        20270965        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20271363        20271578        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20272815        20273048        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20276112        20276223        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20279963        20280096        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20283614        20283821        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20286037        20286341        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20287630        20287861        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20290368        20290831        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20292788        20292994        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20295209        20295410        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20296404        20296817        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20297877        20298105        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20301551        20301801        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20307805        20307956        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20310298        20310382        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20314294        20314719        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff exon    20315429        20315929        .       +
        .       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20247532        20247630        .       +
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SM_V9_3 Liftoff CDS     20247658        20247990        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20249321        20249483        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20250799        20250990        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20252314        20252510        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20255015        20255368        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20257282        20257386        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20262328        20262694        .       +
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        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20264194        20264514        .       +
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SM_V9_3 Liftoff CDS     20268117        20268505        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20270696        20270965        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20271363        20271578        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20272815        20273048        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20276112        20276223        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20279963        20280096        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20283614        20283821        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20286037        20286341        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20287630        20287861        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20290368        20290831        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20292788        20292994        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20295209        20295410        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20296404        20296817        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20297877        20298105        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20301551        20301801        .       +
        1       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20307805        20307956        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20310298        20310382        .       +
        0       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20314294        20314719        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff CDS     20315429        20315847        .       +
        2       Parent=Smp_337650.1
SM_V9_3 Liftoff gene    20328987        20333247        .       +
        .       ID=Smp_162680;geneID=Smp_162680
SM_V9_3 Liftoff mRNA    20328987        20333247        .       +
        .
ID=Smp_162680.1;Parent=Smp_162680;geneID=Smp_162680;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_3 Liftoff exon    20328987        20333247        .       +
        .       Parent=Smp_162680.1
SM_V9_3 Liftoff CDS     20330303        20332561        .       +
        0       Parent=Smp_162680.1
SM_V9_3 iris    gene    20356962        20365653        .       -
```

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        .
ID=Smp_075110;geneID=Smp_075110;gene_name=Smp_075110;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20356962        20365653        .       -
        .
ID=Smp_075110.1;Parent=Smp_075110;geneID=Smp_075110;gene_name=Smp_07
5110;owner=irisadmin@local.host;orig_id=Smp_075110.1;date_last_modif
ied=2022-07-26;Name=Smp_075110.1;product=Cell cycle checkpoint
protein RAD1;date_creation=2022-07-26
SM_V9_3 iris    exon    20356962        20357335        .       -
        .
Parent=Smp_075110.1;Name=07eeaf4d-8a8f-4f70-9277-62a5e4430217
SM_V9_3 iris    exon    20361382        20361732        .       -
        .
Parent=Smp_075110.1;Name=84de89d0-4936-470c-91c3-8a05fb125997
SM_V9_3 iris    exon    20363148        20363259        .       -
        .
Parent=Smp_075110.1;Name=3ea6fbec-5d8e-4d29-99ea-3a1c89c793c2
SM_V9_3 iris    exon    20363293        20363384        .       -
        .
Parent=Smp_075110.1;Name=1454e602-8061-48dc-9cfd-81c7ac60fa5b
SM_V9_3 iris    exon    20363420        20363575        .       -
        .
Parent=Smp_075110.1;Name=19908b29-78c5-4889-963b-0c44981f6bae
SM_V9_3 iris    exon    20363612        20363759        .       -
        .       Parent=Smp_075110.1;Name=7c1b3380-
b490-4b54-8b63-691da56f4198
SM_V9_3 iris    exon    20365579        20365653        .       -
        .       Parent=Smp_075110.1;Name=a70de616-
b094-42cf-81f8-4bdbb412e6be
SM_V9_3 iris    CDS     20357195        20357335        .       -
        0       Parent=Smp_075110.1
SM_V9_3 iris    CDS     20361382        20361732        .       -
        0       Parent=Smp_075110.1
SM_V9_3 iris    CDS     20363148        20363259        .       -
        1       Parent=Smp_075110.1
SM_V9_3 iris    CDS     20363293        20363384        .       -
        0       Parent=Smp_075110.1
SM_V9_3 iris    CDS     20363420        20363575        .       -
        0       Parent=Smp_075110.1
SM_V9_3 iris    CDS     20363612        20363695        .       -
        0       Parent=Smp_075110.1
SM_V9_3 Liftoff gene    20374387        20375615        .       +
        .       ID=Smp_075120;geneID=Smp_075120
SM_V9_3 Liftoff mRNA    20374387        20375615        .       +
        .
ID=Smp_075120.1;Parent=Smp_075120;geneID=Smp_075120;product=Transcri
ptional activator protein Pur-
beta;polypeptide_domain=InterPro:IPR006628 Pfam:PF04845
SM_V9_3 Liftoff exon    20374387        20374454        .       +
        .       Parent=Smp_075120.1
SM_V9_3 Liftoff exon    20374496        20374577        .       +
        .       Parent=Smp_075120.1
SM_V9_3 Liftoff exon    20374612        20374724        .       +
```

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        .       Parent=Smp_075120.1
SM_V9_3 Liftoff exon    20374758        20375148        .       +
        .       Parent=Smp_075120.1
SM_V9_3 Liftoff exon    20375187        20375389        .       +
        .       Parent=Smp_075120.1
SM_V9_3 Liftoff exon    20375424        20375615        .       +
        .       Parent=Smp_075120.1
SM_V9_3 Liftoff CDS     20374452        20374454        .       +
        0       Parent=Smp_075120.1
SM_V9_3 Liftoff CDS     20374496        20374577        .       +
        0       Parent=Smp_075120.1
SM_V9_3 Liftoff CDS     20374612        20374724        .       +
        2       Parent=Smp_075120.1
SM_V9_3 Liftoff CDS     20374758        20375148        .       +
        0       Parent=Smp_075120.1
SM_V9_3 Liftoff CDS     20375187        20375389        .       +
        2       Parent=Smp_075120.1
SM_V9_3 Liftoff CDS     20375424        20375525        .       +
        0       Parent=Smp_075120.1
SM_V9_3 iris    gene    20392180        20399365        .       +
        .
ID=Smp_075130;geneID=Smp_075130;gene_name=Smp_075130;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20392180        20399365        .       +
        .
ID=Smp_075130.1;Parent=Smp_075130;geneID=Smp_075130;gene_name=Smp_07
5130;owner=irisadmin@local.host;orig_id=Smp_075130.1;date_last_modif
ied=2022-07-26;Name=Smp_075130.1;product=Guanine nucleotide-binding
protein subunit beta-5;date_creation=2022-07-26
SM_V9_3 iris    exon    20392180        20392300        .       +
        .       Parent=Smp_075130.1;Name=6268c228-49b1-4d6d-bdb7-
e63d0a987ccd
SM_V9_3 iris    exon    20392330        20392466        .       +
        .       Parent=Smp_075130.1;Name=759bcbe3-11cd-4236-833b-
f6dac646997c
SM_V9_3 iris    exon    20392499        20392540        .       +
        .       Parent=Smp_075130.1;Name=f3b0c9ac-
c812-49b0-9bf8-90a18650677f
SM_V9_3 iris    exon    20392582        20392658        .       +
        .       Parent=Smp_075130.1;Name=ee646ab4-9b3a-42c7-
b5c0-34b46ed16eab
SM_V9_3 iris    exon    20392710        20392980        .       +
        .
Parent=Smp_075130.1;Name=76ac13c6-4c32-43c2-8722-741858d6310c
SM_V9_3 iris    exon    20393017        20393254        .       +
        .       Parent=Smp_075130.1;Name=a45c5165-23bc-4c3e-a121-
b0a55fdcf8eb
SM_V9_3 iris    exon    20396143        20396309        .       +
        .
Parent=Smp_075130.1;Name=10b566fd-1421-4ec4-9936-701f4b62542a
SM_V9_3 iris    exon    20398631        20399365        .       +
        .       Parent=Smp_075130.1;Name=d4823d19-13fd-4ac4-8230-
ddd0dc550bb3
SM_V9_3 iris    CDS     20392189        20392300        .       +
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        0       Parent=Smp_075130.1
SM_V9_3 iris    CDS     20392330        20392466        .       +
        2       Parent=Smp_075130.1
SM_V9_3 iris    CDS     20392499        20392540        .       +
        0       Parent=Smp_075130.1
SM_V9_3 iris    CDS     20392582        20392658        .       +
        0       Parent=Smp_075130.1
SM_V9_3 iris    CDS     20392710        20392980        .       +
        1       Parent=Smp_075130.1
SM_V9_3 iris    CDS     20393017        20393254        .       +
        0       Parent=Smp_075130.1
SM_V9_3 iris    CDS     20396143        20396309        .       +
        2       Parent=Smp_075130.1
SM_V9_3 iris    CDS     20398631        20398642        .       +
        0       Parent=Smp_075130.1
SM_V9_3 Liftoff gene    20406045        20426419        .       +
        .       ID=Smp_075140;geneID=Smp_075140
SM_V9_3 Liftoff mRNA    20406045        20426419        .       +
        .
ID=Smp_075140.1;Parent=Smp_075140;geneID=Smp_075140;product=Mitochon
dria-eating protein;polypeptide_domain=InterPro:IPR031981
Pfam:PF16026
SM_V9_3 Liftoff exon    20406045        20406416        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20406456        20406561        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20407340        20407559        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20408503        20408628        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20410903        20411143        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20417378        20417727        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20419091        20419235        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20421721        20421808        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff exon    20426011        20426419        .       +
        .       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20406330        20406416        .       +
        0       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20406456        20406561        .       +
        0       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20407340        20407559        .       +
        2       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20408503        20408628        .       +
        1       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20410903        20411143        .       +
        1       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20417378        20417727        .       +
        0       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20419091        20419235        .       +
        1       Parent=Smp_075140.1
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SM_V9_3 Liftoff CDS     20421721        20421808        .       +
        0       Parent=Smp_075140.1
SM_V9_3 Liftoff CDS     20426011        20426063        .       +
        2       Parent=Smp_075140.1
SM_V9_3 iris    gene    20427552        20434796        .       -
        .
ID=Smp_162710;geneID=Smp_162710;gene_name=Smp_162710;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20427552        20434796        .       -
        .
ID=Smp_162710.1;Parent=Smp_162710;geneID=Smp_162710;gene_name=Smp_16
2710;owner=irisadmin@local.host;orig_id=Smp_162710.1;date_last_modif
ied=2022-07-26;Name=Smp_162710.1;product=Aurora kinase
A;date_creation=2022-07-26
SM_V9_3 iris    exon    20427552        20428221        .       -
        .       Parent=Smp_162710.1;Name=6b44bd6f-e4b9-4b68-
b1de-0b0f98c38a05
SM_V9_3 iris    exon    20428506        20428740        .       -
        .       Parent=Smp_162710.1;Name=a40ef02b-9421-4217-b8bb-
b9be0d2425bd
SM_V9_3 iris    exon    20428777        20428925        .       -
        .
Parent=Smp_162710.1;Name=55e2ead8-5767-488f-97eb-3ea321fbf4ae
SM_V9_3 iris    exon    20433914        20434052        .       -
        .       Parent=Smp_162710.1;Name=c177411b-9b95-4c3b-a777-
f122e6bfad57
SM_V9_3 iris    exon    20434087        20434166        .       -
        .       Parent=Smp_162710.1;Name=388eff04-
a75f-4b57-87ae-3fcd1502aa1f
SM_V9_3 iris    exon    20434202        20434322        .       -
        .       Parent=Smp_162710.1;Name=18adc66c-25a8-4958-bc56-
b6d78b86c2af
SM_V9_3 iris    exon    20434365        20434796        .       -
        .       Parent=Smp_162710.1;Name=4d5bc75d-e9ca-4d75-
ac86-0a68194532a8
SM_V9_3 iris    CDS     20428015        20428221        .       -
        0       Parent=Smp_162710.1
SM_V9_3 iris    CDS     20428506        20428740        .       -
        1       Parent=Smp_162710.1
SM_V9_3 iris    CDS     20428777        20428925        .       -
        0       Parent=Smp_162710.1
SM_V9_3 iris    CDS     20433914        20434052        .       -
        1       Parent=Smp_162710.1
SM_V9_3 iris    CDS     20434087        20434166        .       -
        0       Parent=Smp_162710.1
SM_V9_3 iris    CDS     20434202        20434322        .       -
        1       Parent=Smp_162710.1
SM_V9_3 iris    CDS     20434365        20434480        .       -
        0       Parent=Smp_162710.1
SM_V9_3 Liftoff gene    20447123        20460571        .       -
        .
ID=Smp_333540;geneID=Smp_333540;previous_systematic_id=Smp_162740
SM_V9_3 Liftoff mRNA    20447123        20460571        .       -
        .
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ID=Smp_333540.1;Parent=Smp_333540;geneID=Smp_333540;product=Meiosis-
specific with OB domain-containing
protein;polypeptide_domain=InterPro:IPR012340
SM_V9_3 Liftoff exon    20447123        20450122        .       -
        .       Parent=Smp_333540.1
SM_V9_3 Liftoff exon    20450161        20450334        .       -
        .       Parent=Smp_333540.1
SM_V9_3 Liftoff exon    20452007        20452266        .       -
        .       Parent=Smp_333540.1
SM_V9_3 Liftoff exon    20455236        20455302        .       -
        .       Parent=Smp_333540.1
SM_V9_3 Liftoff exon    20457388        20457645        .       -
        .       Parent=Smp_333540.1
SM_V9_3 Liftoff exon    20458611        20460571        .       -
        .       Parent=Smp_333540.1
SM_V9_3 Liftoff CDS     20450099        20450122        .       -
        0       Parent=Smp_333540.1
SM_V9_3 Liftoff CDS     20450161        20450334        .       -
        0       Parent=Smp_333540.1
SM_V9_3 Liftoff CDS     20452007        20452266        .       -
        2       Parent=Smp_333540.1
SM_V9_3 Liftoff CDS     20455236        20455302        .       -
        0       Parent=Smp_333540.1
SM_V9_3 Liftoff CDS     20457388        20457645        .       -
        0       Parent=Smp_333540.1
SM_V9_3 Liftoff CDS     20458611        20458829        .       -
        0       Parent=Smp_333540.1
SM_V9_3 iris    gene    20468383        20494391        .       -
        .
ID=Smp_346300;geneID=Smp_346300;gene_name=Smp_346300;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20468383        20494391        .       -
        .
ID=Smp_346300.1;Parent=Smp_346300;geneID=Smp_346300;gene_name=Smp_34
6300;owner=irisadmin@local.host;orig_id=Smp_346300.1;date_last_modif
ied=2022-07-26;Name=Smp_346300.1;product=Coiled-coil domain-
containing protein 146;date_creation=2022-07-26
SM_V9_3 iris    exon    20468383        20468762        .       -
        .       Parent=Smp_346300.1;Name=9e81837a-
a8f1-4d71-828f-7822326c72bc
SM_V9_3 iris    exon    20469660        20469794        .       -
        .
Parent=Smp_346300.1;Name=cc942bd0-7e51-417f-84d5-3a9d4af59d7b
SM_V9_3 iris    exon    20471211        20471349        .       -
        .       Parent=Smp_346300.1;Name=86e09efe-1cd0-4dcc-
bfff-8b2451a0bf41
SM_V9_3 iris    exon    20472756        20473081        .       -
        .       Parent=Smp_346300.1;Name=1ae3e64f-0089-43e8-8d95-
bc257ae216c9
SM_V9_3 iris    exon    20474967        20475149        .       -
        .
Parent=Smp_346300.1;Name=19ac071b-675f-42dc-982b-1f9c31ffb97e
SM_V9_3 iris    exon    20476321        20476512        .       -
        .       Parent=Smp_346300.1;Name=cb72d52c-e231-4df2-82b4-
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d3e9075535ca
SM_V9_3 iris    exon    20477487        20477735        .       -
        .       Parent=Smp_346300.1;Name=1d24e50c-41cd-4cc1-a0e7-
b4c071571fcd
SM_V9_3 iris    exon    20480129        20480383        .       -
        .       Parent=Smp_346300.1;Name=7bd488e7-08f3-45e4-
b8b9-74eee14e021d
SM_V9_3 iris    exon    20483195        20483483        .       -
        .       Parent=Smp_346300.1;Name=01185cab-9225-4215-
a244-634ae5589c80
SM_V9_3 iris    exon    20484422        20484532        .       -
        .       Parent=Smp_346300.1;Name=ee1b7868-6606-4600-96d1-
cea2cbc44e47
SM_V9_3 iris    exon    20485853        20485969        .       -
        .
Parent=Smp_346300.1;Name=1ee7f421-3c37-4ccd-8281-4a96e6cd5062
SM_V9_3 iris    exon    20487414        20487487        .       -
        .
Parent=Smp_346300.1;Name=195cd8b2-1328-4d7c-9678-8e3ebfa29133
SM_V9_3 iris    exon    20490920        20491187        .       -
        .       Parent=Smp_346300.1;Name=b88d3ea5-7ffb-4b21-bfc7-
f84db551e999
SM_V9_3 iris    exon    20494031        20494274        .       -
        .       Parent=Smp_346300.1;Name=8b1f674b-19b1-475f-b59f-
ad3a39c72446
SM_V9_3 iris    exon    20494310        20494391        .       -
        .       Parent=Smp_346300.1;Name=2a17261f-dfc2-41f6-a418-
b73efedad6c8
SM_V9_3 iris    CDS     20468502        20468762        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20469660        20469794        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20471211        20471349        .       -
        1       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20472756        20473081        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20474967        20475149        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20476321        20476512        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20477487        20477735        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20480129        20480383        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20483195        20483483        .       -
        1       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20484422        20484532        .       -
        1       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20485853        20485969        .       -
        1       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20487414        20487487        .       -
        0       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20490920        20491187        .       -
        1       Parent=Smp_346300.1
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SM_V9_3 iris    CDS     20494031        20494274        .       -
        2       Parent=Smp_346300.1
SM_V9_3 iris    CDS     20494310        20494364        .       -
        0       Parent=Smp_346300.1
SM_V9_3 Liftoff gene    20494485        20495495        .       +
        .       ID=Smp_174780;geneID=Smp_174780
SM_V9_3 Liftoff mRNA    20494485        20495495        .       +
        .
ID=Smp_174780.1;Parent=Smp_174780;geneID=Smp_174780;product=Intrafla
gellar transport protein 22
homolog;polypeptide_domain=InterPro:IPR027417 Pfam:PF08477
SM_V9_3 Liftoff exon    20494485        20494578        .       +
        .       Parent=Smp_174780.1
SM_V9_3 Liftoff exon    20494620        20494702        .       +
        .       Parent=Smp_174780.1
SM_V9_3 Liftoff exon    20494770        20494856        .       +
        .       Parent=Smp_174780.1
SM_V9_3 Liftoff exon    20494891        20494989        .       +
        .       Parent=Smp_174780.1
SM_V9_3 Liftoff exon    20495020        20495120        .       +
        .       Parent=Smp_174780.1
SM_V9_3 Liftoff exon    20495159        20495495        .       +
        .       Parent=Smp_174780.1
SM_V9_3 Liftoff CDS     20494540        20494578        .       +
        0       Parent=Smp_174780.1
SM_V9_3 Liftoff CDS     20494620        20494702        .       +
        0       Parent=Smp_174780.1
SM_V9_3 Liftoff CDS     20494770        20494856        .       +
        1       Parent=Smp_174780.1
SM_V9_3 Liftoff CDS     20494891        20494989        .       +
        1       Parent=Smp_174780.1
SM_V9_3 Liftoff CDS     20495020        20495120        .       +
        1       Parent=Smp_174780.1
SM_V9_3 Liftoff CDS     20495159        20495310        .       +
        2       Parent=Smp_174780.1
SM_V9_3 Liftoff gene    20512248        20512496        .       -
        .       ID=Smp_202010;geneID=Smp_202010
SM_V9_3 Liftoff mRNA    20512248        20512496        .       -
        .
ID=Smp_202010.1;Parent=Smp_202010;geneID=Smp_202010;product=Tyrosine
-protein kinase receptor TYRO3
SM_V9_3 Liftoff exon    20512248        20512496        .       -
        .       Parent=Smp_202010.1
SM_V9_3 Liftoff CDS     20512248        20512496        .       -
        0       Parent=Smp_202010.1
SM_V9_3 Liftoff gene    20536120        20538271        .       -
        .       ID=Smp_174800;geneID=Smp_174800
SM_V9_3 Liftoff mRNA    20536120        20538271        .       -
        .
ID=Smp_174800.1;Parent=Smp_174800;geneID=Smp_174800;product=Zinc
finger protein
208;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    20536120        20537986        .       -
        .       Parent=Smp_174800.1
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SM_V9_3 Liftoff exon    20538024        20538271        .       -
        .       Parent=Smp_174800.1
SM_V9_3 Liftoff CDS     20536735        20537986        .       -
        1       Parent=Smp_174800.1
SM_V9_3 Liftoff CDS     20538024        20538160        .       -
        0       Parent=Smp_174800.1
SM_V9_3 iris    gene    20557515        20562415        .       +
        .
ID=Smp_174810;geneID=Smp_174810;gene_name=Smp_174810;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20557515        20562415        .       +
        .
ID=Smp_174810.1;Parent=Smp_174810;geneID=Smp_174810;gene_name=Smp_17
4810;owner=irisadmin@local.host;orig_id=Smp_174810.1;date_last_modif
ied=2022-07-26;Name=Smp_174810.1;product=Extracellular superoxide
dismutase [Cu-Zn];date_creation=2022-07-26
SM_V9_3 iris    exon    20557515        20557585        .       +
        .       Parent=Smp_174810.1;Name=b75f35be-c989-4ba4-b5df-
e60201a5c5cb
SM_V9_3 iris    exon    20560037        20560256        .       +
        .       Parent=Smp_174810.1;Name=c137ec4d-63e3-4b06-b317-
dc3a29ba7d38
SM_V9_3 iris    exon    20561925        20562415        .       +
        .       Parent=Smp_174810.1;Name=a0e63b80-09fb-4b22-
a27b-8f6c2be4d9ce
SM_V9_3 iris    CDS     20557531        20557585        .       +
        0       Parent=Smp_174810.1
SM_V9_3 iris    CDS     20560037        20560256        .       +
        2       Parent=Smp_174810.1
SM_V9_3 iris    CDS     20561925        20562186        .       +
        1       Parent=Smp_174810.1
SM_V9_3 Liftoff pseudogene      20567280        20568167        .
        -       .       ID=Smp_337050;geneID=Smp_337050
SM_V9_3 Liftoff transcript      20567280        20568167        .
        -       .
ID=Smp_337050.1;Parent=Smp_337050;geneID=Smp_337050
SM_V9_3 Liftoff exon    20567280        20567360        .       -
        .       Parent=Smp_337050.1
SM_V9_3 Liftoff exon    20567479        20567629        .       -
        .       Parent=Smp_337050.1
SM_V9_3 Liftoff exon    20567749        20567844        .       -
        .       Parent=Smp_337050.1
SM_V9_3 Liftoff exon    20568147        20568167        .       -
        .       Parent=Smp_337050.1
SM_V9_3 Liftoff gene    20571762        20576935        .       -
        .       ID=Smp_095980;geneID=Smp_095980
SM_V9_3 Liftoff mRNA    20571762        20576935        .       -
        .
ID=Smp_095980.1;Parent=Smp_095980;geneID=Smp_095980;product=Extracel
lular superoxide dismutase (Cu Zn);evidence=Traceable Author
Statement;literature=PMID:3169203;polypeptide_domain=InterPro:IPR001
424,IPR018152
Pfam:PF00080;Ontology_term=GO:0004784,GO:0006801,GO:0046872,GO:00551
14
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SM_V9_3 Liftoff exon    20571762        20572080        .       -
        .       Parent=Smp_095980.1
SM_V9_3 Liftoff exon    20574587        20574803        .       -
        .       Parent=Smp_095980.1
SM_V9_3 Liftoff exon    20576826        20576935        .       -
        .       Parent=Smp_095980.1
SM_V9_3 Liftoff CDS     20571822        20572080        .       -
        1       Parent=Smp_095980.1
SM_V9_3 Liftoff CDS     20574587        20574803        .       -
        2       Parent=Smp_095980.1
SM_V9_3 Liftoff CDS     20576826        20576904        .       -
        0       Parent=Smp_095980.1
SM_V9_3 Liftoff gene    20591369        20604678        .       +
        .
ID=Smp_346310;geneID=Smp_346310;previous_systematic_id=Smp_174820
SM_V9_3 Liftoff mRNA    20591369        20604678        .       +
        .
ID=Smp_346310.1;Parent=Smp_346310;geneID=Smp_346310;product=Serine/
threonine-protein kinase
greatwall;polypeptide_domain=InterPro:IPR000719,IPR000961,IPR008271,
IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0004674,GO:0005524,GO:00064
68
SM_V9_3 Liftoff exon    20591369        20591481        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20591514        20591614        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20591648        20591739        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20591775        20592003        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20593020        20593126        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20593752        20593865        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20595135        20595389        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20596629        20596939        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20597675        20597772        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20599185        20599306        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20601344        20601767        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20603126        20603388        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff exon    20604239        20604678        .       +
        .       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20591408        20591481        .       +
        0       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20591514        20591614        .       +
        1       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20591648        20591739        .       +
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        2       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20591775        20592003        .       +
        0       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20593020        20593126        .       +
        2       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20593752        20593865        .       +
        0       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20595135        20595389        .       +
        0       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20596629        20596939        .       +
        0       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20597675        20597772        .       +
        1       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20599185        20599306        .       +
        2       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20601344        20601767        .       +
        0       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20603126        20603388        .       +
        2       Parent=Smp_346310.1
SM_V9_3 Liftoff CDS     20604239        20604295        .       +
        0       Parent=Smp_346310.1
SM_V9_3 Liftoff gene    20606619        20609501        .       -
        .       ID=Smp_096000;geneID=Smp_096000
SM_V9_3 Liftoff mRNA    20606619        20609501        .       -
        .
ID=Smp_096000.1;Parent=Smp_096000;geneID=Smp_096000;product=Adventur
ous-gliding motility protein Z
SM_V9_3 Liftoff exon    20606619        20609501        .       -
        .       Parent=Smp_096000.1
SM_V9_3 Liftoff CDS     20606714        20607331        .       -
        0       Parent=Smp_096000.1
SM_V9_3 Liftoff gene    20614500        20628132        .       -
        .       ID=Smp_096010;geneID=Smp_096010
SM_V9_3 Liftoff mRNA    20614500        20628132        .       -
        .
ID=Smp_096010.1;Parent=Smp_096010;geneID=Smp_096010;product=DnaJ
homolog subfamily A member 3,
mitochondrial;polypeptide_domain=InterPro:IPR001305,IPR001623,IPR002
939,IPR008971,IPR012724,IPR018253
Pfam:PF00226,PF00684,PF01556;Ontology_term=GO:0005524,GO:0006457,GO:
0009408,GO:0031072,GO:0051082
SM_V9_3 Liftoff exon    20614500        20614996        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20621882        20621979        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20623447        20623562        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20625126        20625334        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20626059        20626332        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20627467        20627721        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20627758        20627841        .       -
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        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20627875        20627999        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff exon    20628034        20628132        .       -
        .       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20614845        20614996        .       -
        2       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20621882        20621979        .       -
        1       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20623447        20623562        .       -
        0       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20625126        20625334        .       -
        2       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20626059        20626332        .       -
        0       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20627467        20627721        .       -
        0       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20627758        20627841        .       -
        0       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20627875        20627999        .       -
        2       Parent=Smp_096010.1
SM_V9_3 Liftoff CDS     20628034        20628082        .       -
        0       Parent=Smp_096010.1
SM_V9_3 Liftoff mRNA    20614500        20628132        .       -
        .
ID=Smp_096010.2;Parent=Smp_096010;geneID=Smp_096010;product=DnaJ
homolog subfamily A member 3,
mitochondrial;polypeptide_domain=InterPro:IPR001305,IPR001623,IPR002
939,IPR008971,IPR012724,IPR018253
Pfam:PF00226,PF00684,PF01556;Ontology_term=GO:0005524,GO:0006457,GO:
0009408,GO:0031072,GO:0051082
SM_V9_3 Liftoff exon    20614500        20617693        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20621882        20621979        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20623447        20623562        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20625126        20625334        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20626059        20626332        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20627467        20627721        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20627758        20627841        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20627875        20627999        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff exon    20628034        20628132        .       -
        .       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20617497        20617693        .       -
        2       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20621882        20621979        .       -
        1       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20623447        20623562        .       -
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        0       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20625126        20625334        .       -
        2       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20626059        20626332        .       -
        0       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20627467        20627721        .       -
        0       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20627758        20627841        .       -
        0       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20627875        20627999        .       -
        2       Parent=Smp_096010.2
SM_V9_3 Liftoff CDS     20628034        20628082        .       -
        0       Parent=Smp_096010.2
SM_V9_3 iris    gene    20647757        20687700        .       +
        .
ID=Smp_096020;geneID=Smp_096020;gene_name=Smp_096020;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20647757        20687700        .       +
        .
ID=Smp_096020.1;Parent=Smp_096020;geneID=Smp_096020;gene_name=Smp_09
6020;owner=irisadmin@local.host;orig_id=Smp_096020.1;date_last_modif
ied=2022-11-13;Name=Smp_096020.1;product=Adenosylhomocysteinase
3;date_creation=2022-07-26
SM_V9_3 iris    exon    20647757        20647937        .       +
        .
Parent=Smp_096020.1;Name=d46672b1-368f-4a98-909b-7fd29e69e19b
SM_V9_3 iris    exon    20647976        20648054        .       +
        .       Parent=Smp_096020.1;Name=c1e5bb12-9c7c-4cde-
a0ce-870478259887
SM_V9_3 iris    exon    20658337        20658431        .       +
        .       Parent=Smp_096020.1;Name=b441dc5d-cb4c-4220-9432-
afc80ba36e5d
SM_V9_3 iris    exon    20664848        20664935        .       +
        .       Parent=Smp_096020.1;Name=07c769c5-
c3c6-4268-8794-06c95372c5a8
SM_V9_3 iris    exon    20667864        20667964        .       +
        .       Parent=Smp_096020.1;Name=9e934aa3-7b01-43b7-
a87b-576e92783126
SM_V9_3 iris    exon    20670101        20670172        .       +
        .       Parent=Smp_096020.1;Name=e9ce181c-c257-4df3-b6c6-
c227c67936bd
SM_V9_3 iris    exon    20672662        20672787        .       +
        .       Parent=Smp_096020.1;Name=ac2b875c-a7b8-409c-89f8-
a74b4f30d1bf
SM_V9_3 iris    exon    20674455        20674678        .       +
        .       Parent=Smp_096020.1;Name=dbdfdb72-f0ca-42d9-
bd42-6b590f4cb798
SM_V9_3 iris    exon    20677175        20677327        .       +
        .       Parent=Smp_096020.1;Name=16586588-d103-451f-9eac-
f91c4232e7e7
SM_V9_3 iris    exon    20677804        20677969        .       +
        .       Parent=Smp_096020.1;Name=cdab2171-e51d-4af9-
ae44-6cec0739077a
SM_V9_3 iris    exon    20679449        20679547        .       +
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        .       Parent=Smp_096020.1;Name=56af31c1-ee67-4677-824f-
ca12fc537967
SM_V9_3 iris    exon    20680100        20680168        .       +
        .       Parent=Smp_096020.1;Name=84255218-4029-4e13-ab27-
bf248b55027a
SM_V9_3 iris    exon    20682196        20682274        .       +
        .       Parent=Smp_096020.1;Name=170677c4-8d91-4b15-86e3-
a7b6ad6cb6e6
SM_V9_3 iris    exon    20684796        20684916        .       +
        .       Parent=Smp_096020.1;Name=e8181120-2dd4-4c83-
adda-03952c61545b
SM_V9_3 iris    exon    20686928        20687700        .       +
        .       Parent=Smp_096020.1;Name=1682dec2-9f7e-4a7e-8de2-
e32ebed5cf8f
SM_V9_3 iris    CDS     20647836        20647937        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20647976        20648054        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20658337        20658431        .       +
        2       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20664848        20664935        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20667864        20667964        .       +
        2       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20670101        20670172        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20672662        20672787        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20674455        20674678        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20677175        20677327        .       +
        1       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20677804        20677969        .       +
        1       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20679449        20679547        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20680100        20680168        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20682196        20682274        .       +
        0       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20684796        20684916        .       +
        2       Parent=Smp_096020.1
SM_V9_3 iris    CDS     20686928        20686934        .       +
        1       Parent=Smp_096020.1
SM_V9_3 iris    gene    20694835        20698052        .       +
        .
ID=Smp_346320;geneID=Smp_346320;gene_name=Smp_346320;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20694835        20698052        .       +
        .
ID=Smp_346320.1;Parent=Smp_346320;geneID=Smp_346320;gene_name=Smp_34
6320;owner=irisadmin@local.host;orig_id=Smp_346320.1;date_last_modif
ied=2022-07-26;Name=Smp_346320.1;product=Chromobox protein homolog
3;date_creation=2022-07-26
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SM_V9_3 iris    exon    20694835        20694903        .       +
        .       Parent=Smp_346320.1;Name=007ea8a5-cbc4-4202-
b917-7ac33c1a7678
SM_V9_3 iris    exon    20697210        20697337        .       +
        .       Parent=Smp_346320.1;Name=14899b0c-8337-4ee7-ba3e-
e034582bec3a
SM_V9_3 iris    exon    20697373        20697475        .       +
        .
Parent=Smp_346320.1;Name=a1929170-45b0-49b1-988f-3421b9bec89e
SM_V9_3 iris    exon    20697514        20697607        .       +
        .       Parent=Smp_346320.1;Name=3619b43c-d222-421f-
a0d8-1ea9befc316a
SM_V9_3 iris    exon    20697646        20698052        .       +
        .       Parent=Smp_346320.1;Name=bbbbef64-0741-405f-aafc-
c85fd9a8306a
SM_V9_3 iris    CDS     20697213        20697337        .       +
        0       Parent=Smp_346320.1
SM_V9_3 iris    CDS     20697373        20697475        .       +
        1       Parent=Smp_346320.1
SM_V9_3 iris    CDS     20697514        20697546        .       +
        0       Parent=Smp_346320.1
SM_V9_3 iris    gene    20697786        20708521        .       -
        .
ID=Smp_174850;geneID=Smp_174850;gene_name=Smp_174850;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20697786        20708521        .       -
        .
ID=Smp_174850.1;Parent=Smp_174850;geneID=Smp_174850;gene_name=Smp_17
4850;owner=irisadmin@local.host;orig_id=Smp_174850.1;date_last_modif
ied=2022-07-26;Name=Smp_174850.1;product=Ragulator complex protein
LAMTOR1;date_creation=2022-07-26
SM_V9_3 iris    exon    20697786        20698057        .       -
        .
Parent=Smp_174850.1;Name=90c0e790-5c9a-4e89-9eff-05cafc922089
SM_V9_3 iris    exon    20701039        20701159        .       -
        .       Parent=Smp_174850.1;Name=bea7413e-a375-403b-
b6c8-97f5bab83ade
SM_V9_3 iris    exon    20701970        20702047        .       -
        .       Parent=Smp_174850.1;Name=c378bcce-a8d6-408a-
b125-965b55b0d2c5
SM_V9_3 iris    exon    20702987        20703056        .       -
        .       Parent=Smp_174850.1;Name=b41611ed-225a-4ae6-b296-
eed3d0e15616
SM_V9_3 iris    exon    20705247        20705323        .       -
        .       Parent=Smp_174850.1;Name=fafb5095-cd59-48ea-
bcf6-1d90cf5d946d
SM_V9_3 iris    exon    20707856        20708049        .       -
        .       Parent=Smp_174850.1;Name=21e22977-a2d0-4140-a52a-
c6e1465f9a4b
SM_V9_3 iris    exon    20708088        20708173        .       -
        .
Parent=Smp_174850.1;Name=2d8d8363-53ad-408a-870b-62facdea7c3b
SM_V9_3 iris    exon    20708211        20708281        .       -
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Parent=Smp_174850.1;Name=01f4e0b7-2aba-4f90-993a-06dcfe7efd29
SM_V9_3 iris    exon    20708322        20708521        .       -
        .       Parent=Smp_174850.1;Name=d5afc9cd-1c73-46ee-8de8-
ea9cdbbca581
SM_V9_3 iris    CDS     20697965        20698057        .       -
        0       Parent=Smp_174850.1
SM_V9_3 iris    CDS     20701039        20701159        .       -
        1       Parent=Smp_174850.1
SM_V9_3 iris    CDS     20701970        20702047        .       -
        1       Parent=Smp_174850.1
SM_V9_3 iris    CDS     20702987        20703056        .       -
        2       Parent=Smp_174850.1
SM_V9_3 iris    CDS     20705247        20705271        .       -
        0       Parent=Smp_174850.1
SM_V9_3 Liftoff gene    20713088        20716633        .       -
        .       ID=Smp_096050;geneID=Smp_096050
SM_V9_3 Liftoff mRNA    20713088        20716633        .       -
        .
ID=Smp_096050.1;Parent=Smp_096050;geneID=Smp_096050;product=Ubiquiti
n-activating enzyme E1 2
SM_V9_3 Liftoff exon    20713088        20713240        .       -
        .       Parent=Smp_096050.1
SM_V9_3 Liftoff exon    20716529        20716633        .       -
        .       Parent=Smp_096050.1
SM_V9_3 Liftoff CDS     20713088        20713240        .       -
        0       Parent=Smp_096050.1
SM_V9_3 Liftoff CDS     20716529        20716633        .       -
        0       Parent=Smp_096050.1
SM_V9_3 iris    gene    20723608        20724244        .       -
        .
ID=Smp_325990;geneID=Smp_325990;gene_name=Smp_325990;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    20723608        20724244        .       -
        .
ID=Smp_325990.1;Parent=Smp_325990;geneID=Smp_325990;gene_name=Smp_32
5990;owner=irisadmin@local.host;orig_id=Smp_325990.1;date_last_modif
ied=2022-07-26;Name=Smp_325990.1;product=Replicase polyprotein
1a;date_creation=2022-07-26
SM_V9_3 iris    exon    20723608        20724244        .       -
        .       Parent=Smp_325990.1;Name=Smp_325990.1-CDS
SM_V9_3 iris    CDS     20723792        20724010        .       -
        0       Parent=Smp_325990.1
SM_V9_3 Liftoff gene    20739158        20869065        .       -
        .
ID=Smp_212410;geneID=Smp_212410;previous_systematic_id=Smp_154210,Sm
p_174860
SM_V9_3 Liftoff mRNA    20739158        20869065        .       -
        .
ID=Smp_212410.1;Parent=Smp_212410;geneID=Smp_212410;product=Potassiu
m/sodium hyperpolarization-activated cyclic nucleotide-gated channel
4;polypeptide_domain=InterPro:IPR000595,IPR005821,IPR013621,IPR01471
0,IPR018488,IPR018490
Pfam:PF00027,PF00520,PF08412;Ontology_term=GO:0005216,GO:0006811,GO:
0016020,GO:0055085
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SM_V9_3 Liftoff exon    20739158        20741431        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20743339        20743582        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20751720        20751866        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20758607        20758825        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20762865        20763014        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20766914        20767011        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20773646        20773813        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20775976        20776139        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20812807        20814574        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff exon    20820906        20869065        .       -
        .       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20740590        20741431        .       -
        2       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20743339        20743582        .       -
        0       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20751720        20751866        .       -
        0       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20758607        20758825        .       -
        0       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20762865        20763014        .       -
        0       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20766914        20767011        .       -
        2       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20773646        20773813        .       -
        2       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20775976        20776139        .       -
        1       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20812807        20814574        .       -
        2       Parent=Smp_212410.1
SM_V9_3 Liftoff CDS     20820906        20821089        .       -
        0       Parent=Smp_212410.1
SM_V9_3 Liftoff mRNA    20739158        20869065        .       -
        .
ID=Smp_212410.2;Parent=Smp_212410;geneID=Smp_212410;product=Potassiu
m/sodium hyperpolarization-activated cyclic nucleotide-gated channel
4;polypeptide_domain=InterPro:IPR000595,IPR005821,IPR013621,IPR01471
0,IPR018488,IPR018490
Pfam:PF00027,PF00520,PF08412;Ontology_term=GO:0005216,GO:0006811,GO:
0016020,GO:0055085
SM_V9_3 Liftoff exon    20739158        20741431        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff exon    20743339        20743582        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff exon    20751720        20751866        .       -
        .       Parent=Smp_212410.2
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SM_V9_3 Liftoff exon    20758607        20758825        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff exon    20766914        20767011        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff exon    20773646        20773813        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff exon    20775976        20776139        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff exon    20812807        20814574        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff exon    20820906        20869065        .       -
        .       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20740590        20741431        .       -
        2       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20743339        20743582        .       -
        0       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20751720        20751866        .       -
        0       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20758607        20758825        .       -
        0       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20766914        20767011        .       -
        2       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20773646        20773813        .       -
        2       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20775976        20776139        .       -
        1       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20812807        20814574        .       -
        2       Parent=Smp_212410.2
SM_V9_3 Liftoff CDS     20820906        20821089        .       -
        0       Parent=Smp_212410.2
SM_V9_3 iris    gene    20945777        20952307        .       +
        .
ID=Smp_078780;geneID=Smp_078780;gene_name=Smp_078780;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    20945777        20952307        .       +
        .
ID=Smp_078780.1;Parent=Smp_078780;geneID=Smp_078780;gene_name=Smp_07
8780;owner=irisadmin@local.host;orig_id=Smp_078780.1;date_last_modif
ied=2022-07-27;Name=Smp_078780.1;product=Dihydropyrimidinase-related
protein 3;date_creation=2022-07-27
SM_V9_3 iris    exon    20945777        20945841        .       +
        .       Parent=Smp_078780.1;Name=d4698ca7-3d49-4675-
ab32-9158fba63656
SM_V9_3 iris    exon    20945878        20945969        .       +
        .       Parent=Smp_078780.1;Name=4a2d1c62-5bce-4426-bbcf-
f408fa55d5c9
SM_V9_3 iris    exon    20946002        20946075        .       +
        .       Parent=Smp_078780.1;Name=f19b90b1-c543-4d52-b6c2-
cbd5af1689d2
SM_V9_3 iris    exon    20946114        20946224        .       +
        .
Parent=Smp_078780.1;Name=a89585ac-493e-4b6e-9a0d-83f4a8950dfb
SM_V9_3 iris    exon    20949884        20951239        .       +
        .       Parent=Smp_078780.1;Name=2a697f44-f2dc-4ea8-b8d7-
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ae31b7bd32c1
SM_V9_3 iris    exon    20952004        20952307        .       +
        .       Parent=Smp_078780.1;Name=f6c053d0-
ac84-4c6a-8cc6-0421365a52f2
SM_V9_3 iris    CDS     20945824        20945841        .       +
        0       Parent=Smp_078780.1
SM_V9_3 iris    CDS     20945878        20945969        .       +
        0       Parent=Smp_078780.1
SM_V9_3 iris    CDS     20946002        20946075        .       +
        1       Parent=Smp_078780.1
SM_V9_3 iris    CDS     20946114        20946224        .       +
        2       Parent=Smp_078780.1
SM_V9_3 iris    CDS     20949884        20951239        .       +
        2       Parent=Smp_078780.1
SM_V9_3 iris    CDS     20952004        20952098        .       +
        2       Parent=Smp_078780.1
SM_V9_3 Liftoff gene    20963109        20973102        .       +
        .       ID=Smp_078800;geneID=Smp_078800
SM_V9_3 Liftoff mRNA    20963109        20973102        .       +
        .
ID=Smp_078800.1;Parent=Smp_078800;geneID=Smp_078800;product=DnaJ
homolog subfamily B member
9;polypeptide_domain=InterPro:IPR001623,IPR018253 Pfam:PF00226
SM_V9_3 Liftoff exon    20963109        20966036        .       +
        .       Parent=Smp_078800.1
SM_V9_3 Liftoff exon    20971266        20971553        .       +
        .       Parent=Smp_078800.1
SM_V9_3 Liftoff exon    20972539        20973102        .       +
        .       Parent=Smp_078800.1
SM_V9_3 Liftoff CDS     20965817        20966036        .       +
        0       Parent=Smp_078800.1
SM_V9_3 Liftoff CDS     20971266        20971553        .       +
        2       Parent=Smp_078800.1
SM_V9_3 Liftoff CDS     20972539        20972609        .       +
        2       Parent=Smp_078800.1
SM_V9_3 Liftoff gene    20990559        21006003        .       +
        .       ID=Smp_326000;geneID=Smp_326000
SM_V9_3 Liftoff mRNA    20990559        21006003        .       +
        .
ID=Smp_326000.1;Parent=Smp_326000;geneID=Smp_326000;product=Homeobox
protein Hox-
C3a;polypeptide_domain=InterPro:IPR000047,IPR001356,IPR009057,IPR017
970,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    20990559        20996642        .       +
        .       Parent=Smp_326000.1
SM_V9_3 Liftoff exon    21005478        21006003        .       +
        .       Parent=Smp_326000.1
SM_V9_3 Liftoff CDS     20996222        20996642        .       +
        0       Parent=Smp_326000.1
SM_V9_3 Liftoff CDS     21005478        21005941        .       +
        2       Parent=Smp_326000.1
SM_V9_3 Liftoff gene    21007009        21007733        .       +
        .       ID=Smp_326010;geneID=Smp_326010
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SM_V9_3 Liftoff mRNA    21007009        21007733        .       +
       .
ID=Smp_326010.1;Parent=Smp_326010;geneID=Smp_326010;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    21007009        21007733        .       +
       .       Parent=Smp_326010.1
SM_V9_3 Liftoff CDS     21007035        21007673        .       +
       0       Parent=Smp_326010.1
SM_V9_3 Liftoff gene    21012999        21024900        .       +
       .
ID=Smp_345520;geneID=Smp_345520;previous_systematic_id=Smp_164610
SM_V9_3 Liftoff mRNA    21012999        21024900        .       +
       .
ID=Smp_345520.1;Parent=Smp_345520;geneID=Smp_345520;product=CCA tRNA
nucleotidyltransferase 1,
mitochondrial;polypeptide_domain=InterPro:IPR002646,IPR032828
Pfam:PF01743,PF12627;Ontology_term=GO:0003723,GO:0006396,GO:0016779
SM_V9_3 Liftoff exon    21012999        21015783        .       +
       .       Parent=Smp_345520.1
SM_V9_3 Liftoff exon    21015819        21016126        .       +
       .       Parent=Smp_345520.1
SM_V9_3 Liftoff exon    21018745        21019149        .       +
       .       Parent=Smp_345520.1
SM_V9_3 Liftoff exon    21021298        21021552        .       +
       .       Parent=Smp_345520.1
SM_V9_3 Liftoff exon    21024351        21024900        .       +
       .       Parent=Smp_345520.1
SM_V9_3 Liftoff CDS     21015732        21015783        .       +
       0       Parent=Smp_345520.1
SM_V9_3 Liftoff CDS     21015819        21016126        .       +
       2       Parent=Smp_345520.1
SM_V9_3 Liftoff CDS     21018745        21019149        .       +
       0       Parent=Smp_345520.1
SM_V9_3 Liftoff CDS     21021298        21021552        .       +
       0       Parent=Smp_345520.1
SM_V9_3 Liftoff CDS     21024351        21024833        .       +
       0       Parent=Smp_345520.1
SM_V9_3 Liftoff gene    21102539        21159162        .       +
       .       ID=Smp_145890;geneID=Smp_145890
SM_V9_3 Liftoff mRNA    21102539        21159162        .       +
       .
ID=Smp_145890.1;Parent=Smp_145890;geneID=Smp_145890;product=ADAMTS-
like protein
3;polypeptide_domain=InterPro:IPR000884,IPR007110,IPR013783
Pfam:PF00090
SM_V9_3 Liftoff exon    21102539        21137053        .       +
       .       Parent=Smp_145890.1
SM_V9_3 Liftoff exon    21148325        21148769        .       +
       .       Parent=Smp_145890.1
SM_V9_3 Liftoff exon    21150621        21150848        .       +
       .       Parent=Smp_145890.1
SM_V9_3 Liftoff exon    21152283        21152882        .       +
       .       Parent=Smp_145890.1
SM_V9_3 Liftoff exon    21155024        21155194        .       +
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        .       Parent=Smp_145890.1
SM_V9_3 Liftoff exon    21156791        21156944        .       +
        .       Parent=Smp_145890.1
SM_V9_3 Liftoff exon    21158093        21159162        .       +
        .       Parent=Smp_145890.1
SM_V9_3 Liftoff CDS     21136836        21137053        .       +
        0       Parent=Smp_145890.1
SM_V9_3 Liftoff CDS     21148325        21148769        .       +
        1       Parent=Smp_145890.1
SM_V9_3 Liftoff CDS     21150621        21150848        .       +
        0       Parent=Smp_145890.1
SM_V9_3 Liftoff CDS     21152283        21152882        .       +
        0       Parent=Smp_145890.1
SM_V9_3 Liftoff CDS     21155024        21155194        .       +
        0       Parent=Smp_145890.1
SM_V9_3 Liftoff CDS     21156791        21156944        .       +
        0       Parent=Smp_145890.1
SM_V9_3 Liftoff CDS     21158093        21158262        .       +
        2       Parent=Smp_145890.1
SM_V9_3 iris    gene    21160594        21186445        .       -
        .
ID=Smp_197390;geneID=Smp_197390;gene_name=Smp_197390;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21160594        21186445        .       -
        .
ID=Smp_197390.1;Parent=Smp_197390;geneID=Smp_197390;gene_name=Smp_19
7390;owner=irisadmin@local.host;orig_id=Smp_197390.2;date_last_modif
ied=2022-07-26;Name=Smp_197390.1;product=Disintegrin and
metalloproteinase domain-containing protein 10
(Fragment);date_creation=2022-07-26
SM_V9_3 iris    exon    21160594        21161432        .       -
        .
Parent=Smp_197390.1;Name=4568d250-0043-4ac6-9b52-27e913fd4436
SM_V9_3 iris    exon    21165486        21165767        .       -
        .       Parent=Smp_197390.1;Name=36eae809-
abeb-4d6f-9ace-4d45c797e544
SM_V9_3 iris    exon    21168699        21169252        .       -
        .       Parent=Smp_197390.1;Name=9edca801-221b-408a-
a82c-1b469508d3f3
SM_V9_3 iris    exon    21169381        21169599        .       -
        .       Parent=Smp_197390.1;Name=a3d04775-40d4-4cf2-948c-
fe95c5bc170e
SM_V9_3 iris    exon    21172441        21172620        .       -
        .       Parent=Smp_197390.1;Name=def0726c-e7ec-4f6e-
b6b1-7b4a7e11bfbf
SM_V9_3 iris    exon    21173954        21174121        .       -
        .       Parent=Smp_197390.1;Name=9acac2c3-e8ea-4837-
b02a-31c6affb23cb
SM_V9_3 iris    exon    21176041        21176226        .       -
        .       Parent=Smp_197390.1;Name=0c2fd924-97ec-4684-
a43d-977e9ed3ac9e
SM_V9_3 iris    exon    21177638        21177871        .       -
        .       Parent=Smp_197390.1;Name=61cc6fdd-22fd-4f00-a48b-
ffce3224cd0d
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SM_V9_3 iris    exon    21177961        21178446        .       -
        .       Parent=Smp_197390.1;Name=f1cd575f-1cdd-4f4f-bc04-
f9612bd63b5a
SM_V9_3 iris    exon    21182576        21182904        .       -
        .
Parent=Smp_197390.1;Name=90d3b6bd-56a4-488e-8e45-2b7600444a92
SM_V9_3 iris    exon    21185514        21186445        .       -
        .
Parent=Smp_197390.1;Name=3ad7716c-7e40-4596-97ba-6d93795c642e
SM_V9_3 iris    CDS     21161417        21161432        .       -
        1       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21165486        21165767        .       -
        1       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21168699        21169252        .       -
        0       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21169381        21169599        .       -
        0       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21172441        21172620        .       -
        0       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21173954        21174121        .       -
        0       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21176041        21176226        .       -
        0       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21177638        21177871        .       -
        0       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21177961        21178446        .       -
        0       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21182576        21182904        .       -
        2       Parent=Smp_197390.1
SM_V9_3 iris    CDS     21185514        21186183        .       -
        0       Parent=Smp_197390.1
SM_V9_3 Liftoff gene    21211280        21213419        .       +
        .       ID=Smp_145910;geneID=Smp_145910
SM_V9_3 Liftoff mRNA    21211280        21213419        .       +
        .
ID=Smp_145910.1;Parent=Smp_145910;geneID=Smp_145910;product=Protein-
tyrosine sulfotransferase 2
SM_V9_3 Liftoff exon    21211280        21212101        .       +
        .       Parent=Smp_145910.1
SM_V9_3 Liftoff exon    21212836        21213419        .       +
        .       Parent=Smp_145910.1
SM_V9_3 Liftoff CDS     21212079        21212101        .       +
        0       Parent=Smp_145910.1
SM_V9_3 Liftoff CDS     21212836        21213079        .       +
        1       Parent=Smp_145910.1
SM_V9_3 iris    gene    21223235        21242327        .       -
        .
ID=Smp_308350;geneID=Smp_308350;gene_name=Smp_308350;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21223235        21242327        .       -
        .
ID=Smp_308350.1;Parent=Smp_308350;geneID=Smp_308350;gene_name=Smp_30
8350;owner=irisadmin@local.host;orig_id=Smp_308350.1;date_last_modif
ied=2022-07-26;Name=Smp_308350.1;product=Protein-tyrosine
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sulfotransferase A;date_creation=2022-07-26
SM_V9_3 iris    exon    21223235        21223906        .       -
        .       Parent=Smp_308350.1;Name=0b8b16eb-f05f-4bc1-8226-
d5c21583bda6
SM_V9_3 iris    exon    21224641        21224713        .       -
        .       Parent=Smp_308350.1;Name=35c894eb-4af7-405d-8a48-
d006f2ad0b28
SM_V9_3 iris    exon    21227910        21228085        .       -
        .       Parent=Smp_308350.1;Name=6e3a4316-a7b3-47a5-a371-
d56681148366
SM_V9_3 iris    exon    21235894        21236233        .       -
        .
Parent=Smp_308350.1;Name=b7cf7cc4-6d92-41a5-944d-22632055c26c
SM_V9_3 iris    exon    21238664        21238829        .       -
        .       Parent=Smp_308350.1;Name=c501c71d-30e1-4d79-
a170-902e402d6369
SM_V9_3 iris    exon    21240214        21240366        .       -
        .
Parent=Smp_308350.1;Name=85c67b10-1be5-4de9-9d03-068df551cf24
SM_V9_3 iris    exon    21242016        21242070        .       -
        .       Parent=Smp_308350.1;Name=34b1ac40-1d9d-4fde-ab79-
fb35119a47bd
SM_V9_3 iris    exon    21242113        21242327        .       -
        .       Parent=Smp_308350.1;Name=4220df79-87fb-451b-a961-
f2223f80bc54
SM_V9_3 iris    CDS     21223663        21223906        .       -
        1       Parent=Smp_308350.1
SM_V9_3 iris    CDS     21224641        21224713        .       -
        2       Parent=Smp_308350.1
SM_V9_3 iris    CDS     21227910        21228085        .       -
        1       Parent=Smp_308350.1
SM_V9_3 iris    CDS     21235894        21236233        .       -
        2       Parent=Smp_308350.1
SM_V9_3 iris    CDS     21238664        21238829        .       -
        0       Parent=Smp_308350.1
SM_V9_3 iris    CDS     21240214        21240237        .       -
        0       Parent=Smp_308350.1
SM_V9_3 iris    gene    21247320        21279356        .       -
        .
ID=Smp_305920;geneID=Smp_305920;gene_name=Smp_305920;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    21247320        21279356        .       -
        .
ID=Smp_305920.1;Parent=Smp_305920;geneID=Smp_305920;gene_name=Smp_30
5920;owner=irisadmin@local.host;orig_id=Smp_305920.1;date_last_modif
ied=2022-07-27;Name=Smp_305920.1;product=Protein-tyrosine
sulfotransferase A;date_creation=2022-07-27
SM_V9_3 iris    exon    21247320        21247922        .       -
        .
Parent=Smp_305920.1;Name=e6e6cb05-0262-48de-817c-6e24915197c6
SM_V9_3 iris    exon    21253136        21253208        .       -
        .       Parent=Smp_305920.1;Name=894ece73-
f551-43c2-88c8-18ac43e51436
SM_V9_3 iris    exon    21266496        21266671        .       -
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        .       Parent=Smp_305920.1;Name=4b615bc7-3172-421a-927a-
ed735f9740d3
SM_V9_3 iris    exon    21272914        21273253        .       -
        .       Parent=Smp_305920.1;Name=74acbf24-
b5ee-464d-9401-3e8d51b8bab2
SM_V9_3 iris    exon    21275684        21275849        .       -
        .       Parent=Smp_305920.1;Name=7d8c0a92-
eaef-4e23-95b1-90ad9f57bcfe
SM_V9_3 iris    exon    21277234        21277386        .       -
        .       Parent=Smp_305920.1;Name=d3cb1abf-0d6a-4875-8d0b-
e55a39475935
SM_V9_3 iris    exon    21279133        21279356        .       -
        .       Parent=Smp_305920.1;Name=b695d1b0-f8f2-422d-
b721-7440b451da1a
SM_V9_3 iris    CDS     21247679        21247922        .       -
        1       Parent=Smp_305920.1
SM_V9_3 iris    CDS     21253136        21253208        .       -
        2       Parent=Smp_305920.1
SM_V9_3 iris    CDS     21266496        21266671        .       -
        1       Parent=Smp_305920.1
SM_V9_3 iris    CDS     21272914        21273253        .       -
        2       Parent=Smp_305920.1
SM_V9_3 iris    CDS     21275684        21275849        .       -
        0       Parent=Smp_305920.1
SM_V9_3 iris    CDS     21277234        21277257        .       -
        0       Parent=Smp_305920.1
SM_V9_3 iris    gene    21283800        21303445        .       +
        .
ID=Smp_044160;geneID=Smp_044160;gene_name=Smp_044160;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21283800        21303445        .       +
        .
ID=Smp_044160.1;Parent=Smp_044160;geneID=Smp_044160;gene_name=Smp_04
4160;owner=irisadmin@local.host;orig_id=Smp_044160.1;date_last_modif
ied=2022-07-26;Name=Smp_044160.1;product=S-adenosylmethionine
mitochondrial carrier protein;date_creation=2022-07-26
SM_V9_3 iris    exon    21283800        21283858        .       +
        .
Parent=Smp_044160.1;Name=ea403c91-9476-4021-8406-3fb5be8fef91
SM_V9_3 iris    exon    21291684        21291772        .       +
        .       Parent=Smp_044160.1;Name=ef0c3ce8-
e692-4996-9756-36719fe6bbf6
SM_V9_3 iris    exon    21291806        21291965        .       +
        .
Parent=Smp_044160.1;Name=b286d608-706d-4ea2-8396-1e48b7ba8f8f
SM_V9_3 iris    exon    21292007        21292110        .       +
        .       Parent=Smp_044160.1;Name=167dc189-95bf-4f05-
a84f-50bf00b79f5d
SM_V9_3 iris    exon    21292143        21292247        .       +
        .       Parent=Smp_044160.1;Name=49962969-
a83d-424a-9275-1d4f364e66a5
SM_V9_3 iris    exon    21296052        21296144        .       +
        .
Parent=Smp_044160.1;Name=c5d32dbc-2711-4459-9a50-7926ef684932
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SM_V9_3 iris    exon    21298145        21298318        .       +
        .       Parent=Smp_044160.1;Name=f0dcd65f-672b-4152-b96f-
a9d6297c038e
SM_V9_3 iris    exon    21299385        21299458        .       +
        .       Parent=Smp_044160.1;Name=8a364686-a8b8-4cf6-84d7-
d717814d29e7
SM_V9_3 iris    exon    21302349        21303445        .       +
        .       Parent=Smp_044160.1;Name=450b68a4-
e0ff-45de-93df-7b46d7465e28
SM_V9_3 iris    CDS     21291731        21291772        .       +
        0       Parent=Smp_044160.1
SM_V9_3 iris    CDS     21291806        21291965        .       +
        0       Parent=Smp_044160.1
SM_V9_3 iris    CDS     21292007        21292110        .       +
        2       Parent=Smp_044160.1
SM_V9_3 iris    CDS     21292143        21292247        .       +
        0       Parent=Smp_044160.1
SM_V9_3 iris    CDS     21296052        21296144        .       +
        0       Parent=Smp_044160.1
SM_V9_3 iris    CDS     21298145        21298318        .       +
        0       Parent=Smp_044160.1
SM_V9_3 iris    CDS     21299385        21299458        .       +
        0       Parent=Smp_044160.1
SM_V9_3 iris    CDS     21302349        21302469        .       +
        1       Parent=Smp_044160.1
SM_V9_3 Liftoff gene    21313180        21350587        .       +
        .
ID=Smp_145930;geneID=Smp_145930;previous_systematic_id=Smp_145940
SM_V9_3 Liftoff mRNA    21313180        21350587        .       +
        .
ID=Smp_145930.1;Parent=Smp_145930;geneID=Smp_145930;product=Matrix
metalloproteinase-14;polypeptide_domain=InterPro:IPR000585,IPR001818
,IPR002477,IPR006026,IPR018487,IPR021190,IPR024079,IPR033739
Pfam:PF00045,PF00413;Ontology_term=GO:0004222,GO:0006508,GO:0008237,
GO:0008270,GO:0031012
SM_V9_3 Liftoff exon    21313180        21313571        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21328587        21329071        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21335273        21335463        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21336828        21336935        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21339039        21339200        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21341957        21342019        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21344547        21344659        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21345448        21345613        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21347122        21347415        .       +
        .       Parent=Smp_145930.1
SM_V9_3 Liftoff exon    21349712        21350587        .       +
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        .       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21313410        21313571        .       +
        0       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21328587        21329071        .       +
        0       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21335273        21335463        .       +
        1       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21336828        21336935        .       +
        2       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21339039        21339200        .       +
        2       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21341957        21342019        .       +
        2       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21344547        21344659        .       +
        2       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21345448        21345613        .       +
        0       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21347122        21347415        .       +
        2       Parent=Smp_145930.1
SM_V9_3 Liftoff CDS     21349712        21349827        .       +
        2       Parent=Smp_145930.1
SM_V9_3 Liftoff gene    21373950        21388339        .       +
        .
ID=Smp_343900;geneID=Smp_343900;previous_systematic_id=Smp_145950
SM_V9_3 Liftoff mRNA    21373950        21388339        .       +
        .
ID=Smp_343900.1;Parent=Smp_343900;geneID=Smp_343900;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    21373950        21376529        .       +
        .       Parent=Smp_343900.1
SM_V9_3 Liftoff exon    21379970        21381227        .       +
        .       Parent=Smp_343900.1
SM_V9_3 Liftoff exon    21388166        21388339        .       +
        .       Parent=Smp_343900.1
SM_V9_3 Liftoff CDS     21376527        21376529        .       +
        0       Parent=Smp_343900.1
SM_V9_3 Liftoff CDS     21379970        21381227        .       +
        0       Parent=Smp_343900.1
SM_V9_3 Liftoff CDS     21388166        21388203        .       +
        2       Parent=Smp_343900.1
SM_V9_3 Liftoff gene    21424080        21465471        .       +
        .
ID=Smp_246600;geneID=Smp_246600;previous_systematic_id=Smp_145960,Sm
p_145970
SM_V9_3 Liftoff mRNA    21424080        21465471        .       +
        .
ID=Smp_246600.2;Parent=Smp_246600;geneID=Smp_246600;product=Recombin
ing binding protein suppressor of
hairless;polypeptide_domain=InterPro:IPR008967,IPR013783,IPR014756,I
PR015350,IPR015351
Pfam:PF09270,PF09271;Ontology_term=GO:0000978,GO:0000982,GO:0003677,
GO:0003700,GO:0005634,GO:0006355
SM_V9_3 Liftoff exon    21424080        21425318        .       +
        .       Parent=Smp_246600.2
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SM_V9_3 Liftoff exon    21438865        21439516        .       +
        .       Parent=Smp_246600.2
SM_V9_3 Liftoff exon    21445092        21446114        .       +
        .       Parent=Smp_246600.2
SM_V9_3 Liftoff exon    21455326        21455572        .       +
        .       Parent=Smp_246600.2
SM_V9_3 Liftoff exon    21457853        21458102        .       +
        .       Parent=Smp_246600.2
SM_V9_3 Liftoff exon    21459688        21459938        .       +
        .       Parent=Smp_246600.2
SM_V9_3 Liftoff exon    21461259        21461798        .       +
        .       Parent=Smp_246600.2
SM_V9_3 Liftoff exon    21464306        21465471        .       +
        .       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21424541        21425318        .       +
        0       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21438865        21439516        .       +
        2       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21445092        21446114        .       +
        1       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21455326        21455572        .       +
        1       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21457853        21458102        .       +
        0       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21459688        21459938        .       +
        2       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21461259        21461798        .       +
        0       Parent=Smp_246600.2
SM_V9_3 Liftoff CDS     21464306        21464932        .       +
        0       Parent=Smp_246600.2
SM_V9_3 Liftoff mRNA    21429710        21465471        .       +
        .
ID=Smp_246600.1;Parent=Smp_246600;geneID=Smp_246600;product=Recombin
ing binding protein suppressor of
hairless;polypeptide_domain=InterPro:IPR008967,IPR013783,IPR014756,I
PR015350,IPR015351
Pfam:PF09270,PF09271;Ontology_term=GO:0000978,GO:0000982,GO:0003677,
GO:0003700,GO:0005634,GO:0006355
SM_V9_3 Liftoff exon    21429710        21439516        .       +
        .       Parent=Smp_246600.1
SM_V9_3 Liftoff exon    21445092        21446114        .       +
        .       Parent=Smp_246600.1
SM_V9_3 Liftoff exon    21455326        21455572        .       +
        .       Parent=Smp_246600.1
SM_V9_3 Liftoff exon    21457853        21458102        .       +
        .       Parent=Smp_246600.1
SM_V9_3 Liftoff exon    21459688        21459938        .       +
        .       Parent=Smp_246600.1
SM_V9_3 Liftoff exon    21461259        21461798        .       +
        .       Parent=Smp_246600.1
SM_V9_3 Liftoff exon    21464306        21465471        .       +
        .       Parent=Smp_246600.1
SM_V9_3 Liftoff CDS     21438882        21439516        .       +
        0       Parent=Smp_246600.1
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SM_V9_3 Liftoff CDS     21445092        21446114        .       +
        1       Parent=Smp_246600.1
SM_V9_3 Liftoff CDS     21455326        21455572        .       +
        1       Parent=Smp_246600.1
SM_V9_3 Liftoff CDS     21457853        21458102        .       +
        0       Parent=Smp_246600.1
SM_V9_3 Liftoff CDS     21459688        21459938        .       +
        2       Parent=Smp_246600.1
SM_V9_3 Liftoff CDS     21461259        21461798        .       +
        0       Parent=Smp_246600.1
SM_V9_3 Liftoff CDS     21464306        21464932        .       +
        0       Parent=Smp_246600.1
SM_V9_3 iris    gene    21469468        21493286        .       -
        .
ID=Smp_145980;geneID=Smp_145980;gene_name=Smp_145980;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21469468        21493286        .       -
        .
ID=Smp_145980.1;Parent=Smp_145980;geneID=Smp_145980;gene_name=Smp_14
5980;owner=irisadmin@local.host;orig_id=Smp_145980.3;date_last_modif
ied=2022-07-26;Name=Smp_145980.1;product=Excitatory amino acid
transporter 3;date_creation=2022-07-26
SM_V9_3 iris    exon    21469468        21470257        .       -
        .       Parent=Smp_145980.1;Name=7872b26d-
da96-4756-9ebb-1439955416df
SM_V9_3 iris    exon    21476172        21476309        .       -
        .       Parent=Smp_145980.1;Name=f4d249f8-7779-4a76-b244-
a6ef09f7e38a
SM_V9_3 iris    exon    21482832        21483023        .       -
        .       Parent=Smp_145980.1;Name=7831fce7-a616-4a62-8fd9-
de01f78380a8
SM_V9_3 iris    exon    21486243        21486476        .       -
        .       Parent=Smp_145980.1;Name=ee9eb0f2-132c-4811-
abb7-999bd5ecb8b4
SM_V9_3 iris    exon    21487279        21487405        .       -
        .       Parent=Smp_145980.1;Name=1538393d-d94a-4b0d-b945-
c09b97c8818e
SM_V9_3 iris    exon    21489173        21489284        .       -
        .       Parent=Smp_145980.1;Name=29e33027-
b26a-4fb8-978d-0cc91138b581
SM_V9_3 iris    exon    21490739        21490781        .       -
        .
Parent=Smp_145980.1;Name=7f5102fa-1c02-490d-8e86-97e10e80e3ef
SM_V9_3 iris    exon    21492527        21492620        .       -
        .       Parent=Smp_145980.1;Name=257acacb-aec1-4913-b354-
b5ccd0ef763c
SM_V9_3 iris    exon    21492656        21492778        .       -
        .       Parent=Smp_145980.1;Name=71e23f58-
b3b7-41ba-83a7-55e6fc503a4f
SM_V9_3 iris    exon    21492825        21492899        .       -
        .       Parent=Smp_145980.1;Name=f6e22195-f287-4aa0-98c7-
fdb5f070f368
SM_V9_3 iris    exon    21492932        21493056        .       -
        .       Parent=Smp_145980.1;Name=bddb868c-637e-4945-8e21-
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d03fa119667b
SM_V9_3 iris    exon    21493112        21493286        .       -
        .       Parent=Smp_145980.1;Name=81aef62e-10bb-4d41-
a7ff-734346ba7458
SM_V9_3 iris    CDS     21470095        21470257        .       -
        1       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21476172        21476309        .       -
        1       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21482832        21483023        .       -
        1       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21486243        21486476        .       -
        1       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21487279        21487405        .       -
        2       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21489173        21489284        .       -
        0       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21490739        21490781        .       -
        1       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21492527        21492620        .       -
        2       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21492656        21492778        .       -
        2       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21492825        21492899        .       -
        2       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21492932        21493056        .       -
        1       Parent=Smp_145980.1
SM_V9_3 iris    CDS     21493112        21493116        .       -
        0       Parent=Smp_145980.1
SM_V9_3 Liftoff gene    21505670        21527471        .       +
        .       ID=Smp_145990;geneID=Smp_145990
SM_V9_3 Liftoff mRNA    21505670        21527471        .       +
        .
ID=Smp_145990.1;Parent=Smp_145990;geneID=Smp_145990;product=Caseinol
ytic peptidase B protein
homolog;polypeptide_domain=InterPro:IPR001270,IPR002110,IPR003593,IP
R003959,IPR019489,IPR020683,IPR027417
Pfam:PF00023,PF07724,PF10431;Ontology_term=GO:0005515,GO:0005524
SM_V9_3 Liftoff exon    21505670        21505955        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21505989        21506078        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21506114        21506217        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21506250        21506378        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21507978        21508075        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21510926        21511040        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21513790        21513968        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21515664        21515825        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21520293        21520422        .       +
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        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21521637        21521695        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21523045        21523164        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21525129        21525233        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff exon    21526892        21527471        .       +
        .       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21505699        21505955        .       +
        0       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21505989        21506078        .       +
        1       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21506114        21506217        .       +
        1       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21506250        21506378        .       +
        2       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21507978        21508075        .       +
        2       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21510926        21511040        .       +
        0       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21513790        21513968        .       +
        2       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21515664        21515825        .       +
        0       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21520293        21520422        .       +
        0       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21521637        21521695        .       +
        2       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21523045        21523164        .       +
        0       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21525129        21525233        .       +
        0       Parent=Smp_145990.1
SM_V9_3 Liftoff CDS     21526892        21527140        .       +
        0       Parent=Smp_145990.1
SM_V9_3 Liftoff gene    21527901        21534073        .       -
        .       ID=Smp_044250;geneID=Smp_044250
SM_V9_3 Liftoff mRNA    21527901        21534073        .       -
        .
ID=Smp_044250.1;Parent=Smp_044250;geneID=Smp_044250;product=STAM-
binding protein;polypeptide_domain=InterPro:IPR000555,IPR015063
Pfam:PF01398,PF08969;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    21527901        21534073        .       -
        .       Parent=Smp_044250.1
SM_V9_3 Liftoff CDS     21529705        21530805        .       -
        0       Parent=Smp_044250.1
SM_V9_3 Liftoff gene    21546060        21548010        .       +
        .       ID=Smp_146000;geneID=Smp_146000
SM_V9_3 Liftoff mRNA    21546060        21548010        .       +
        .
ID=Smp_146000.1;Parent=Smp_146000;geneID=Smp_146000;product=Small
lysine-rich protein 1
SM_V9_3 Liftoff exon    21546060        21546166        .       +
        .       Parent=Smp_146000.1
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SM_V9_3 Liftoff exon    21547591        21548010        .       +
        .       Parent=Smp_146000.1
SM_V9_3 Liftoff CDS     21546164        21546166        .       +
        0       Parent=Smp_146000.1
SM_V9_3 Liftoff CDS     21547591        21547848        .       +
        0       Parent=Smp_146000.1
SM_V9_3 Liftoff gene    21549516        21558056        .       -
        .       ID=Smp_044260;geneID=Smp_044260
SM_V9_3 Liftoff mRNA    21549516        21558056        .       -
        .
ID=Smp_044260.1;Parent=Smp_044260;geneID=Smp_044260;product=Ubiquiti
n-like-conjugating enzyme
ATG10;polypeptide_domain=InterPro:IPR007135 Pfam:PF03987
SM_V9_3 Liftoff exon    21549516        21558056        .       -
        .       Parent=Smp_044260.1
SM_V9_3 Liftoff CDS     21549636        21550193        .       -
        0       Parent=Smp_044260.1
SM_V9_3 Liftoff mRNA    21549516        21558056        .       -
        .
ID=Smp_044260.2;Parent=Smp_044260;geneID=Smp_044260;product=Regulato
ry protein LuxO
SM_V9_3 Liftoff exon    21549516        21549924        .       -
        .       Parent=Smp_044260.2
SM_V9_3 Liftoff exon    21549960        21558056        .       -
        .       Parent=Smp_044260.2
SM_V9_3 Liftoff CDS     21549904        21549924        .       -
        0       Parent=Smp_044260.2
SM_V9_3 Liftoff CDS     21549960        21550193        .       -
        0       Parent=Smp_044260.2
SM_V9_3 iris    gene    21566857        21581529        .       +
        .
ID=Smp_267300;geneID=Smp_267300;gene_name=Smp_267300;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21566857        21581529        .       +
        .
ID=Smp_267300.1;Parent=Smp_267300;geneID=Smp_267300;gene_name=Smp_26
7300;owner=irisadmin@local.host;orig_id=Smp_267300.1;date_last_modif
ied=2022-07-26;Name=Smp_267300.1;product=acetyl-CoA C-
acetyltransferase;date_creation=2022-07-26
SM_V9_3 iris    exon    21566857        21566917        .       +
        .       Parent=Smp_267300.1;Name=76181c2b-7b0a-42a4-
b7f2-944acc57e6c3
SM_V9_3 iris    exon    21569270        21569630        .       +
        .       Parent=Smp_267300.1;Name=965494e5-ffea-4644-bf88-
b83d1bf480f5
SM_V9_3 iris    exon    21572553        21572734        .       +
        .       Parent=Smp_267300.1;Name=75033084-4a05-4a28-a8ce-
eabfaedcdccb
SM_V9_3 iris    exon    21575107        21575183        .       +
        .       Parent=Smp_267300.1;Name=1cc7e085-760b-46f1-
a544-1741c7626bbd
SM_V9_3 iris    exon    21576755        21577324        .       +
        .
Parent=Smp_267300.1;Name=835eef2b-7a5e-4836-941d-14eff7e1b1d0
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SM_V9_3 iris    exon    21581213        21581529        .       +
        .
Parent=Smp_267300.1;Name=697747d5-0ec8-4884-96b3-55eb49f6779c
SM_V9_3 iris    CDS     21569314        21569630        .       +
        0       Parent=Smp_267300.1
SM_V9_3 iris    CDS     21572553        21572734        .       +
        1       Parent=Smp_267300.1
SM_V9_3 iris    CDS     21575107        21575183        .       +
        2       Parent=Smp_267300.1
SM_V9_3 iris    CDS     21576755        21577324        .       +
        0       Parent=Smp_267300.1
SM_V9_3 iris    CDS     21581213        21581380        .       +
        0       Parent=Smp_267300.1
SM_V9_3 iris    gene    21581641        21593354        .       +
        .
ID=Smp_267310;geneID=Smp_267310;gene_name=Smp_267310;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21581641        21593354        .       +
        .
ID=Smp_267310.1;Parent=Smp_267310;geneID=Smp_267310;gene_name=Smp_26
7310;owner=irisadmin@local.host;orig_id=Smp_267310.1;date_last_modif
ied=2022-07-26;Name=Smp_267310.1;product=acetyl-CoA C-
acyltransferase;date_creation=2022-07-26
SM_V9_3 iris    exon    21581641        21581899        .       +
        .       Parent=Smp_267310.1;Name=04306109-
bc61-40ba-88e6-821b695deed4
SM_V9_3 iris    exon    21582964        21583285        .       +
        .       Parent=Smp_267310.1;Name=3b5f347e-2aaa-4914-ba48-
b9be284aa5b7
SM_V9_3 iris    exon    21584077        21584185        .       +
        .       Parent=Smp_267310.1;Name=ad632c19-
aaa5-4baa-9b79-0b88e980f849
SM_V9_3 iris    exon    21587787        21587994        .       +
        .       Parent=Smp_267310.1;Name=f6a7bd2c-8fbd-4e44-
b5a6-52097f14f055
SM_V9_3 iris    exon    21590618        21590793        .       +
        .       Parent=Smp_267310.1;Name=36421e8e-1453-4395-
ae77-922ef428109f
SM_V9_3 iris    exon    21592819        21593354        .       +
        .       Parent=Smp_267310.1;Name=33c5deda-1a44-4ab3-
aede-869f8b865d59
SM_V9_3 iris    CDS     21581641        21581899        .       +
        0       Parent=Smp_267310.1
SM_V9_3 iris    CDS     21582964        21583285        .       +
        2       Parent=Smp_267310.1
SM_V9_3 iris    CDS     21584077        21584185        .       +
        1       Parent=Smp_267310.1
SM_V9_3 iris    CDS     21587787        21587994        .       +
        0       Parent=Smp_267310.1
SM_V9_3 iris    CDS     21590618        21590793        .       +
        2       Parent=Smp_267310.1
SM_V9_3 iris    CDS     21592819        21593070        .       +
        0       Parent=Smp_267310.1
SM_V9_3 iris    gene    21595220        21600505        .       +
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ID=Smp_208080;geneID=Smp_208080;gene_name=Smp_208080;owner=irisadmin
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SM_V9_3 iris    mRNA    21595220        21600505        .       +
        .
ID=Smp_208080.1;Parent=Smp_208080;geneID=Smp_208080;gene_name=Smp_20
8080;owner=irisadmin@local.host;orig_id=Smp_208080.1;date_last_modif
ied=2022-07-26;Name=Smp_208080.1;product=Golgin subfamily A member
7;date_creation=2022-07-26
SM_V9_3 iris    exon    21595220        21595380        .       +
        .       Parent=Smp_208080.1;Name=228e1308-1906-407f-
a891-9a3a36617c39
SM_V9_3 iris    exon    21595543        21595698        .       +
        .       Parent=Smp_208080.1;Name=c0af5a74-
dec3-4312-80e6-01184546bc2a
SM_V9_3 iris    exon    21595810        21595962        .       +
        .       Parent=Smp_208080.1;Name=1c696fe7-1d61-4af0-9773-
ae42d9a4a050
SM_V9_3 iris    exon    21598240        21598341        .       +
        .
Parent=Smp_208080.1;Name=9bff8e40-6878-4214-853b-7af5bde6dc01
SM_V9_3 iris    exon    21600191        21600505        .       +
        .
Parent=Smp_208080.1;Name=3b72b44c-8e99-4b73-95c6-8406f1038d45
SM_V9_3 iris    CDS     21595570        21595698        .       +
        0       Parent=Smp_208080.1
SM_V9_3 iris    CDS     21595810        21595962        .       +
        0       Parent=Smp_208080.1
SM_V9_3 iris    CDS     21598240        21598341        .       +
        0       Parent=Smp_208080.1
SM_V9_3 iris    CDS     21600191        21600220        .       +
        0       Parent=Smp_208080.1
SM_V9_3 Liftoff gene    21604462        21605546        .       -
        .       ID=Smp_326040;geneID=Smp_326040
SM_V9_3 Liftoff mRNA    21604462        21605546        .       -
        .
ID=Smp_326040.1;Parent=Smp_326040;geneID=Smp_326040;product=Up-
regulated during skeletal muscle growth protein
5;polypeptide_domain=InterPro:IPR009125 Pfam:PF14960
SM_V9_3 Liftoff exon    21604462        21604667        .       -
        .       Parent=Smp_326040.1
SM_V9_3 Liftoff exon    21605224        21605546        .       -
        .       Parent=Smp_326040.1
SM_V9_3 Liftoff CDS     21604572        21604667        .       -
        0       Parent=Smp_326040.1
SM_V9_3 Liftoff CDS     21605224        21605310        .       -
        0       Parent=Smp_326040.1
SM_V9_3 Liftoff gene    21613060        21631153        .       +
        .       ID=Smp_129340;geneID=Smp_129340
SM_V9_3 Liftoff mRNA    21613060        21631153        .       +
        .
ID=Smp_129340.1;Parent=Smp_129340;geneID=Smp_129340;product=lissence
phaly-1 homolog;evidence=Inferred from Sequence or structural
Similarity;polypeptide_domain=InterPro:IPR001680,IPR006594,IPR015943
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,IPR017252,IPR017986,IPR019775,IPR020472
Pfam:PF00400,PF08513;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    21613060        21613284        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff exon    21613319        21613397        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff exon    21613432        21613506        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff exon    21615162        21615416        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff exon    21616994        21617265        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff exon    21620659        21621067        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff exon    21624529        21624685        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff exon    21629886        21631153        .       +
        .       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21613253        21613284        .       +
        0       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21613319        21613397        .       +
        1       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21613432        21613506        .       +
        0       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21615162        21615416        .       +
        0       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21616994        21617265        .       +
        0       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21620659        21621067        .       +
        1       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21624529        21624685        .       +
        0       Parent=Smp_129340.1
SM_V9_3 Liftoff CDS     21629886        21629959        .       +
        2       Parent=Smp_129340.1
SM_V9_3 iris    gene    21641406        21646110        .       +
        .
ID=Smp_013300;geneID=Smp_013300;gene_name=Smp_013300;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21641406        21646110        .       +
        .
ID=Smp_013300.1;Parent=Smp_013300;geneID=Smp_013300;gene_name=Smp_01
3300;owner=irisadmin@local.host;orig_id=Smp_013300.1;date_last_modif
ied=2022-07-26;Name=Smp_013300.1;product=Protein
YIPF6;date_creation=2022-07-26
SM_V9_3 iris    exon    21641406        21641526        .       +
        .       Parent=Smp_013300.1;Name=b6a1601f-
daa9-4909-9419-33e09d617c7d
SM_V9_3 iris    exon    21641559        21641657        .       +
        .       Parent=Smp_013300.1;Name=c4b3c921-8d97-4f4b-a1fb-
f534bbbe09ce
SM_V9_3 iris    exon    21641692        21641770        .       +
        .
Parent=Smp_013300.1;Name=6387373c-649b-473b-99ca-2046e3995f45
SM_V9_3 iris    exon    21641806        21641848        .       +
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        .       Parent=Smp_013300.1;Name=b5b19ba0-3d41-405e-81e8-
e4fe2dfaa057
SM_V9_3 iris    exon    21644028        21644156        .       +
        .       Parent=Smp_013300.1;Name=55fbbbb9-68ca-4217-8b87-
c1b7cb07e71b
SM_V9_3 iris    exon    21645545        21646110        .       +
        .       Parent=Smp_013300.1;Name=dd87c329-e712-434d-ac51-
d112411d69e9
SM_V9_3 iris    CDS     21641500        21641526        .       +
        0       Parent=Smp_013300.1
SM_V9_3 iris    CDS     21641559        21641657        .       +
        0       Parent=Smp_013300.1
SM_V9_3 iris    CDS     21641692        21641770        .       +
        0       Parent=Smp_013300.1
SM_V9_3 iris    CDS     21641806        21641848        .       +
        2       Parent=Smp_013300.1
SM_V9_3 iris    CDS     21644028        21644156        .       +
        1       Parent=Smp_013300.1
SM_V9_3 iris    CDS     21645545        21645818        .       +
        1       Parent=Smp_013300.1
SM_V9_3 iris    gene    21650583        21713725        .       +
        .
ID=Smp_246610;geneID=Smp_246610;gene_name=Smp_246610;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    21650583        21713725        .       +
        .
ID=Smp_246610.1;Parent=Smp_246610;geneID=Smp_246610;gene_name=Smp_24
6610;owner=irisadmin@local.host;orig_id=Smp_246610.1;date_last_modif
ied=2022-07-26;Name=Smp_246610.1;product=Ras and EF-hand domain-
containing protein homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    21650583        21651266        .       +
        .
Parent=Smp_246610.1;Name=d5946191-14fd-426d-864e-11b2f59a2855
SM_V9_3 iris    exon    21651341        21651497        .       +
        .       Parent=Smp_246610.1;Name=2f6832b2-7514-4c2b-b1f1-
e58caff492a1
SM_V9_3 iris    exon    21669690        21669836        .       +
        .       Parent=Smp_246610.1;Name=be3cdf90-3afb-41bf-8470-
f2af7285fe64
SM_V9_3 iris    exon    21676010        21676100        .       +
        .       Parent=Smp_246610.1;Name=aade70bd-8973-4e26-b1c5-
a11f4f30e0f3
SM_V9_3 iris    exon    21677559        21677654        .       +
        .
Parent=Smp_246610.1;Name=7a136879-5105-4815-92ea-3e9b2650a135
SM_V9_3 iris    exon    21680175        21680458        .       +
        .       Parent=Smp_246610.1;Name=f8535a45-
f24b-4f5c-9dea-69cc73e14817
SM_V9_3 iris    exon    21681275        21681343        .       +
        .       Parent=Smp_246610.1;Name=9e0efc55-936f-410e-bfb8-
c701bf8d1615
SM_V9_3 iris    exon    21683584        21683698        .       +
        .       Parent=Smp_246610.1;Name=673389c4-081c-4ccb-92c2-
c35fc72be796
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SM_V9_3 iris    exon    21685879        21685888        .       +
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SM_V9_3 iris    exon    21687378        21687439        .       +
        .       Parent=Smp_246610.1;Name=8790d253-fd8b-48ad-9f3b-
e465ee889054
SM_V9_3 iris    exon    21698130        21698436        .       +
        .       Parent=Smp_246610.1;Name=486da47b-37e7-4f71-a8de-
cedcbeddeb0d
SM_V9_3 iris    exon    21699691        21699772        .       +
        .       Parent=Smp_246610.1;Name=843da286-d2c3-4bb5-
b266-5c25308b5a5f
SM_V9_3 iris    exon    21702421        21702535        .       +
        .       Parent=Smp_246610.1;Name=5e67570d-6794-4196-
a333-3a268a066826
SM_V9_3 iris    exon    21704308        21704475        .       +
        .       Parent=Smp_246610.1;Name=eb976e9b-ee5e-4974-b017-
c5d2b20330ef
SM_V9_3 iris    exon    21705265        21705341        .       +
        .
Parent=Smp_246610.1;Name=0bff6ceb-33cc-4681-9e45-601b707eed50
SM_V9_3 iris    exon    21712863        21713725        .       +
        .       Parent=Smp_246610.1;Name=22c170c3-82bd-4fba-9198-
d8a3bf1636c7
SM_V9_3 iris    CDS     21650876        21651266        .       +
        0       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21651341        21651497        .       +
        2       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21669690        21669836        .       +
        1       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21676010        21676100        .       +
        1       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21677559        21677654        .       +
        0       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21680175        21680458        .       +
        0       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21681275        21681343        .       +
        1       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21683584        21683698        .       +
        1       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21685879        21685888        .       +
        0       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21687378        21687439        .       +
        2       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21698130        21698436        .       +
        0       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21699691        21699772        .       +
        2       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21702421        21702535        .       +
        1       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21704308        21704475        .       +
        0       Parent=Smp_246610.1
SM_V9_3 iris    CDS     21705265        21705341        .       +
        0       Parent=Smp_246610.1
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SM_V9_3 iris    CDS     21712863        21712986        .       +
        1       Parent=Smp_246610.1
SM_V9_3 Liftoff gene    21798673        21812039        .       -
        .       ID=Smp_129360;geneID=Smp_129360
SM_V9_3 Liftoff mRNA    21798673        21812039        .       -
        .
ID=Smp_129360.1;Parent=Smp_129360;geneID=Smp_129360;product=Cyclin-
G2;polypeptide_domain=InterPro:IPR006671,IPR013763 Pfam:PF00134
SM_V9_3 Liftoff exon    21798673        21800395        .       -
        .       Parent=Smp_129360.1
SM_V9_3 Liftoff exon    21801472        21801647        .       -
        .       Parent=Smp_129360.1
SM_V9_3 Liftoff exon    21803681        21804172        .       -
        .       Parent=Smp_129360.1
SM_V9_3 Liftoff exon    21805952        21806029        .       -
        .       Parent=Smp_129360.1
SM_V9_3 Liftoff exon    21809684        21809827        .       -
        .       Parent=Smp_129360.1
SM_V9_3 Liftoff exon    21810298        21810390        .       -
        .       Parent=Smp_129360.1
SM_V9_3 Liftoff exon    21811308        21812039        .       -
        .       Parent=Smp_129360.1
SM_V9_3 Liftoff CDS     21800347        21800395        .       -
        1       Parent=Smp_129360.1
SM_V9_3 Liftoff CDS     21801472        21801647        .       -
        0       Parent=Smp_129360.1
SM_V9_3 Liftoff CDS     21803681        21804172        .       -
        0       Parent=Smp_129360.1
SM_V9_3 Liftoff CDS     21805952        21806029        .       -
        0       Parent=Smp_129360.1
SM_V9_3 Liftoff CDS     21809684        21809827        .       -
        0       Parent=Smp_129360.1
SM_V9_3 Liftoff CDS     21810298        21810390        .       -
        0       Parent=Smp_129360.1
SM_V9_3 Liftoff CDS     21811308        21811784        .       -
        0       Parent=Smp_129360.1
SM_V9_3 Liftoff gene    21985766        21987698        .       +
        .
ID=Smp_342430;geneID=Smp_342430;previous_systematic_id=Smp_129370
SM_V9_3 Liftoff mRNA    21985766        21987698        .       +
        .
ID=Smp_342430.1;Parent=Smp_342430;geneID=Smp_342430;product=Phosphor
ibosylamine--glycine ligase
SM_V9_3 Liftoff exon    21985766        21985843        .       +
        .       Parent=Smp_342430.1
SM_V9_3 Liftoff exon    21986368        21986637        .       +
        .       Parent=Smp_342430.1
SM_V9_3 Liftoff exon    21986784        21987050        .       +
        .       Parent=Smp_342430.1
SM_V9_3 Liftoff exon    21987490        21987698        .       +
        .       Parent=Smp_342430.1
SM_V9_3 Liftoff CDS     21985789        21985843        .       +
        0       Parent=Smp_342430.1
SM_V9_3 Liftoff CDS     21986368        21986637        .       +
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        2       Parent=Smp_342430.1
SM_V9_3 Liftoff CDS     21986784        21987050        .       +
        2       Parent=Smp_342430.1
SM_V9_3 Liftoff CDS     21987490        21987494        .       +
        2       Parent=Smp_342430.1
SM_V9_3 iris    gene    22064051        22096002        .       -
        .
ID=Smp_129380;geneID=Smp_129380;gene_name=Smp_129380;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    22064051        22096002        .       -
        .
ID=Smp_129380.1;Parent=Smp_129380;geneID=Smp_129380;gene_name=Smp_12
9380;owner=irisadmin@local.host;orig_id=Smp_129380.1;date_last_modif
ied=2022-07-26;Name=Smp_129380.1;product=Potassium voltage-gated
channel subfamily A member 3;date_creation=2022-07-26
SM_V9_3 iris    exon    22064051        22064489        .       -
        .       Parent=Smp_129380.1;Name=d3a17a08-f03d-4028-b08a-
f12a3ca362c7
SM_V9_3 iris    exon    22093405        22096002        .       -
        .
Parent=Smp_129380.1;Name=49529bd4-1dcf-4c46-88d3-93b66797bfca
SM_V9_3 iris    CDS     22093763        22095493        .       -
        0       Parent=Smp_129380.1
SM_V9_3 Liftoff gene    22096096        22102670        .       +
        .       ID=Smp_013360;geneID=Smp_013360
SM_V9_3 Liftoff mRNA    22096096        22102632        .       +
        .
ID=Smp_013360.1;Parent=Smp_013360;geneID=Smp_013360;product=U1 small
nuclear ribonucleoprotein 70
kDa;polypeptide_domain=InterPro:IPR000504,IPR022023
Pfam:PF00076,PF12220;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    22096096        22096291        .       +
        .       Parent=Smp_013360.1
SM_V9_3 Liftoff exon    22096401        22096463        .       +
        .       Parent=Smp_013360.1
SM_V9_3 Liftoff exon    22096497        22096551        .       +
        .       Parent=Smp_013360.1
SM_V9_3 Liftoff exon    22096592        22096656        .       +
        .       Parent=Smp_013360.1
SM_V9_3 Liftoff exon    22096690        22096752        .       +
        .       Parent=Smp_013360.1
SM_V9_3 Liftoff exon    22096788        22096869        .       +
        .       Parent=Smp_013360.1
SM_V9_3 Liftoff exon    22097035        22102632        .       +
        .       Parent=Smp_013360.1
SM_V9_3 Liftoff CDS     22096151        22096291        .       +
        0       Parent=Smp_013360.1
SM_V9_3 Liftoff CDS     22096401        22096463        .       +
        0       Parent=Smp_013360.1
SM_V9_3 Liftoff CDS     22096497        22096551        .       +
        0       Parent=Smp_013360.1
SM_V9_3 Liftoff CDS     22096592        22096656        .       +
        2       Parent=Smp_013360.1
SM_V9_3 Liftoff CDS     22096690        22096752        .       +
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        0       Parent=Smp_013360.1
SM_V9_3 Liftoff CDS     22096788        22096869        .       +
        0       Parent=Smp_013360.1
SM_V9_3 Liftoff CDS     22097035        22097048        .       +
        2       Parent=Smp_013360.1
SM_V9_3 Liftoff mRNA    22096096        22102670        .       +
        .
ID=Smp_013360.2;Parent=Smp_013360;geneID=Smp_013360;product=U1 small
nuclear ribonucleoprotein 70
kDa;polypeptide_domain=InterPro:IPR000504,IPR022023,IPR034143
Pfam:PF00076,PF12220;Ontology_term=GO:0003676,GO:0030619
SM_V9_3 Liftoff exon    22096096        22096291        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22096401        22096463        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22096497        22096551        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22096592        22096656        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22096690        22096752        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22096788        22096869        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22097572        22097673        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22102198        22102398        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff exon    22102481        22102670        .       +
        .       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22096151        22096291        .       +
        0       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22096401        22096463        .       +
        0       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22096497        22096551        .       +
        0       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22096592        22096656        .       +
        2       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22096690        22096752        .       +
        0       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22096788        22096869        .       +
        0       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22097572        22097673        .       +
        2       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22102198        22102398        .       +
        2       Parent=Smp_013360.2
SM_V9_3 Liftoff CDS     22102481        22102632        .       +
        2       Parent=Smp_013360.2
SM_V9_3 Liftoff gene    22102673        22107068        .       -
        .       ID=Smp_013370;geneID=Smp_013370
SM_V9_3 Liftoff mRNA    22102673        22107068        .       -
        .
ID=Smp_013370.1;Parent=Smp_013370;geneID=Smp_013370;product=Tetraspa
nin-11;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
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        .       Parent=Smp_013370.1
SM_V9_3 Liftoff exon    22106278        22106634        .       -
        .       Parent=Smp_013370.1
SM_V9_3 Liftoff exon    22106666        22106857        .       -
        .       Parent=Smp_013370.1
SM_V9_3 Liftoff exon    22106890        22107068        .       -
        .       Parent=Smp_013370.1
SM_V9_3 Liftoff CDS     22102777        22102833        .       -
        0       Parent=Smp_013370.1
SM_V9_3 Liftoff CDS     22102872        22102955        .       -
        0       Parent=Smp_013370.1
SM_V9_3 Liftoff CDS     22106278        22106634        .       -
        0       Parent=Smp_013370.1
SM_V9_3 Liftoff CDS     22106666        22106857        .       -
        0       Parent=Smp_013370.1
SM_V9_3 Liftoff CDS     22106890        22107048        .       -
        0       Parent=Smp_013370.1
SM_V9_3 Liftoff gene    22118163        22209091        .       -
        .
ID=Smp_347820;geneID=Smp_347820;previous_systematic_id=Smp_129390,Sm
p_129400,Smp_246640
SM_V9_3 Liftoff mRNA    22118163        22209091        .       -
        .
ID=Smp_347820.1;Parent=Smp_347820;geneID=Smp_347820;product=Vacuolar
protein sorting-associated protein
13B;polypeptide_domain=InterPro:IPR026854 Pfam:PF12624
SM_V9_3 Liftoff exon    22118163        22119017        .       -
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SM_V9_3 Liftoff exon    22120060        22120318        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22121233        22121685        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22123263        22125231        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22132824        22133109        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22136053        22136493        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22138495        22138954        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22140923        22141188        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22142934        22143041        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22144545        22144976        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22147232        22147429        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22149454        22149684        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22151260        22151706        .       -
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SM_V9_3 Liftoff exon    22155177        22155517        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22156820        22157878        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22159639        22159974        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22164225        22164521        .       -
        .       Parent=Smp_347820.1
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        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22166945        22167041        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22167790        22168118        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22168662        22169307        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22170675        22171204        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22172369        22172992        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22173799        22174004        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22176124        22176309        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22178845        22179105        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22179645        22179859        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22181816        22182270        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22185725        22185855        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22186546        22186713        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22190765        22191065        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22193060        22193293        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22196366        22196476        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff exon    22200508        22209091        .       -
        .       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22118469        22119017        .       -
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SM_V9_3 Liftoff CDS     22120060        22120318        .       -
        1       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22121233        22121685        .       -
        1       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22123263        22125231        .       -
        2       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22132824        22133109        .       -
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SM_V9_3 Liftoff CDS     22138495        22138954        .       -
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SM_V9_3 Liftoff CDS     22140923        22141188        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22142934        22143041        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22144545        22144976        .       -
        0       Parent=Smp_347820.1
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        0       Parent=Smp_347820.1
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        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22151260        22151706        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22154610        22154784        .       -
        1       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22155177        22155517        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22156820        22157878        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22159639        22159974        .       -
        0       Parent=Smp_347820.1
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        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22165664        22166080        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22166945        22167041        .       -
        1       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22167790        22168118        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22168662        22169307        .       -
        1       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22170675        22171204        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22172369        22172992        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22173799        22174004        .       -
        2       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22176124        22176309        .       -
        2       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22178845        22179105        .       -
        2       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22179645        22179859        .       -
        1       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22181816        22182270        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22185725        22185855        .       -
        2       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22186546        22186713        .       -
        2       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22190765        22191065        .       -
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        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22193060        22193293        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22196366        22196476        .       -
        0       Parent=Smp_347820.1
SM_V9_3 Liftoff CDS     22200508        22201890        .       -
        0       Parent=Smp_347820.1
SM_V9_3 iris    gene    22220685        22224469        .       +
        .
ID=Smp_129410;geneID=Smp_129410;gene_name=Smp_129410;owner=irisadmin
@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    22220685        22224469        .       +
        .
ID=Smp_129410.1;Parent=Smp_129410;geneID=Smp_129410;gene_name=Smp_12
9410;owner=irisadmin@local.host;orig_id=Smp_129410.1;date_last_modif
ied=2022-07-26;Name=Smp_129410.1;product=Protein
GRIP;date_creation=2022-07-26
SM_V9_3 iris    exon    22220685        22220742        .       +
        .       Parent=Smp_129410.1;Name=f50c5146-bf79-4808-b2b6-
e2f8db046b8b
SM_V9_3 iris    exon    22220779        22220835        .       +
        .       Parent=Smp_129410.1;Name=9a85527c-846f-4f52-92f6-
ac13fe6b80d2
SM_V9_3 iris    exon    22220869        22220995        .       +
        .       Parent=Smp_129410.1;Name=80205d0f-914b-4d4f-
b68d-5dedeb1cc4f8
SM_V9_3 iris    exon    22221041        22221130        .       +
        .       Parent=Smp_129410.1;Name=7110670d-a5ab-4092-bc70-
f7ff3aa90285
SM_V9_3 iris    exon    22222408        22222544        .       +
        .       Parent=Smp_129410.1;Name=274b843a-4f17-4a07-98cd-
b3acd4c94c33
SM_V9_3 iris    exon    22222583        22222607        .       +
        .       Parent=Smp_129410.1;Name=8e275110-45e2-416e-8adf-
a77f93669bd9
SM_V9_3 iris    exon    22222642        22222714        .       +
        .
Parent=Smp_129410.1;Name=831ca238-5c13-455d-9710-9613a9d1b332
SM_V9_3 iris    exon    22222751        22222982        .       +
        .
Parent=Smp_129410.1;Name=73cad6a2-62a4-4157-925f-36de08774204
SM_V9_3 iris    exon    22224273        22224469        .       +
        .       Parent=Smp_129410.1;Name=1c23b6cf-8948-4b07-a524-
f3182eb95c25
SM_V9_3 iris    CDS     22220709        22220742        .       +
        0       Parent=Smp_129410.1
SM_V9_3 iris    CDS     22220779        22220835        .       +
        2       Parent=Smp_129410.1
SM_V9_3 iris    CDS     22220869        22220995        .       +
        2       Parent=Smp_129410.1
SM_V9_3 iris    CDS     22221041        22221130        .       +
        1       Parent=Smp_129410.1
SM_V9_3 iris    CDS     22222408        22222544        .       +
        1       Parent=Smp_129410.1
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SM_V9_3 iris    CDS     22222583        22222607        .       +
        2       Parent=Smp_129410.1
SM_V9_3 iris    CDS     22222642        22222714        .       +
        1       Parent=Smp_129410.1
SM_V9_3 iris    CDS     22222751        22222982        .       +
        0       Parent=Smp_129410.1
SM_V9_3 iris    CDS     22224273        22224379        .       +
        2       Parent=Smp_129410.1
SM_V9_3 Liftoff gene    22227347        22229181        .       -
        .       ID=Smp_129420;geneID=Smp_129420
SM_V9_3 Liftoff mRNA    22227347        22229181        .       -
        .
ID=Smp_129420.1;Parent=Smp_129420;geneID=Smp_129420;product=28S
ribosomal protein S11,
mitochondrial;polypeptide_domain=InterPro:IPR001971
Pfam:PF00411;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_3 Liftoff exon    22227347        22227530        .       -
        .       Parent=Smp_129420.1
SM_V9_3 Liftoff exon    22227566        22227863        .       -
        .       Parent=Smp_129420.1
SM_V9_3 Liftoff exon    22227897        22229181        .       -
        .       Parent=Smp_129420.1
SM_V9_3 Liftoff CDS     22227420        22227530        .       -
        0       Parent=Smp_129420.1
SM_V9_3 Liftoff CDS     22227566        22227863        .       -
        1       Parent=Smp_129420.1
SM_V9_3 Liftoff CDS     22227897        22228072        .       -
        0       Parent=Smp_129420.1
SM_V9_3 iris    gene    22236955        22268782        .       +
        .
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    22236955        22268782        .       +
        .
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ied=2022-07-26;Name=Smp_129430.1;product=myocyte specific enhancer
factor 2a;date_creation=2022-07-26
SM_V9_3 iris    exon    22236955        22236985        .       +
        .       Parent=Smp_129430.1;Name=734d5dde-8aa1-4ff1-9fb4-
f3b523446cb7
SM_V9_3 iris    exon    22244353        22245230        .       +
        .       Parent=Smp_129430.1;Name=586d3985-aab5-429e-b784-
d53a751c180e
SM_V9_3 iris    exon    22245929        22246132        .       +
        .
Parent=Smp_129430.1;Name=16a40f27-6124-4077-9719-2f40ecd4630c
SM_V9_3 iris    exon    22252273        22252470        .       +
        .       Parent=Smp_129430.1;Name=3f63eb3e-229f-4375-93ac-
f8cb334ef4fb
SM_V9_3 iris    exon    22255262        22256867        .       +
        .       Parent=Smp_129430.1;Name=f6ede8bb-dcaf-46e7-bab9-
a30b7560469b
SM_V9_3 iris    exon    22267452        22268782        .       +
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        .       Parent=Smp_129430.1;Name=43bb58e2-
cc45-406a-9aba-48322154f242
SM_V9_3 iris    CDS     22245177        22245230        .       +
        0       Parent=Smp_129430.1
SM_V9_3 iris    CDS     22245929        22246132        .       +
        0       Parent=Smp_129430.1
SM_V9_3 iris    CDS     22252273        22252470        .       +
        0       Parent=Smp_129430.1
SM_V9_3 iris    CDS     22255262        22256867        .       +
        0       Parent=Smp_129430.1
SM_V9_3 iris    CDS     22267452        22267591        .       +
        2       Parent=Smp_129430.1
SM_V9_3 Liftoff gene    22306155        22336593        .       +
        .       ID=Smp_013440;geneID=Smp_013440
SM_V9_3 Liftoff mRNA    22306155        22336593        .       +
        .
ID=Smp_013440.1;Parent=Smp_013440;geneID=Smp_013440;product=Zinc
transporter ZIP14;polypeptide_domain=InterPro:IPR003689
Pfam:PF02535;Ontology_term=GO:0016020,GO:0030001,GO:0046873,GO:00550
85
SM_V9_3 Liftoff exon    22306155        22312290        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff exon    22314807        22314882        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff exon    22315939        22316108        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff exon    22317614        22317757        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff exon    22320578        22320862        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff exon    22327349        22327616        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff exon    22333012        22333199        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff exon    22334797        22336593        .       +
        .       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22312195        22312290        .       +
        0       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22314807        22314882        .       +
        0       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22315939        22316108        .       +
        2       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22317614        22317757        .       +
        0       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22320578        22320862        .       +
        0       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22327349        22327616        .       +
        0       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22333012        22333199        .       +
        2       Parent=Smp_013440.1
SM_V9_3 Liftoff CDS     22334797        22334943        .       +
        0       Parent=Smp_013440.1
SM_V9_3 iris    gene    22368776        22389054        .       -
        .
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@local.host;date_last_modified=2022-07-26;date_creation=2022-07-26
SM_V9_3 iris    mRNA    22368776        22389054        .       -
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ied=2022-07-26;Name=Smp_129450.1;product=Glucose-6-
phosphatase;date_creation=2022-07-26
SM_V9_3 iris    exon    22368776        22369159        .       -
       .
Parent=Smp_129450.1;Name=4c1833f8-2ce0-4a6e-9f9b-07a19fe449d0
SM_V9_3 iris    exon    22370230        22370532        .       -
       .       Parent=Smp_129450.1;Name=1774147f-f71f-4cbb-
adf1-552fd0f5234a
SM_V9_3 iris    exon    22372521        22372639        .       -
       .       Parent=Smp_129450.1;Name=58c426d0-ea84-4c35-9a76-
da83e33bcaed
SM_V9_3 iris    exon    22373449        22373634        .       -
       .       Parent=Smp_129450.1;Name=fd52dcd9-c7e3-436d-bf31-
b8ad601ea762
SM_V9_3 iris    exon    22375545        22375702        .       -
       .       Parent=Smp_129450.1;Name=cd7a7eb1-f4ce-46e9-
a993-27c0eacedd83
SM_V9_3 iris    exon    22386251        22386385        .       -
       .       Parent=Smp_129450.1;Name=cd2fa1b3-2f23-4fa0-9aca-
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SM_V9_3 iris    exon    22388802        22389054        .       -
       .       Parent=Smp_129450.1;Name=e73de2b5-6e02-4153-8ca7-
a55643c43543
SM_V9_3 iris    CDS     22368861        22369159        .       -
       2       Parent=Smp_129450.1
SM_V9_3 iris    CDS     22370230        22370532        .       -
       2       Parent=Smp_129450.1
SM_V9_3 iris    CDS     22372521        22372639        .       -
       1       Parent=Smp_129450.1
SM_V9_3 iris    CDS     22373449        22373634        .       -
       1       Parent=Smp_129450.1
SM_V9_3 iris    CDS     22375545        22375702        .       -
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SM_V9_3 iris    CDS     22386251        22386307        .       -
       0       Parent=Smp_129450.1
SM_V9_3 iris    gene    22395964        22406819        .       +
       .
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SM_V9_3 iris    mRNA    22395964        22406819        .       +
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associated membrane protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    22395964        22396146        .       +
       .       Parent=Smp_013460.1;Name=040de1b5-bc64-42c2-86e2-
b06f771c8017
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SM_V9_3 iris    exon    22396184        22396463        .       +
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a088-839047c566b6
SM_V9_3 iris    exon    22397658        22397955        .       +
        .
Parent=Smp_013460.1;Name=41f02143-800a-411e-8913-8862a6d272c2
SM_V9_3 iris    exon    22402401        22402502        .       +
        .       Parent=Smp_013460.1;Name=834adad1-ae8b-45fb-a040-
fabed2742eb4
SM_V9_3 iris    exon    22404968        22405085        .       +
        .       Parent=Smp_013460.1;Name=b2a74a5f-0123-4457-82a5-
cfe55eff679d
SM_V9_3 iris    exon    22406172        22406819        .       +
        .
Parent=Smp_013460.1;Name=dba5db4a-84b1-4ddc-82ed-52b710125c7a
SM_V9_3 iris    CDS     22396105        22396146        .       +
        0       Parent=Smp_013460.1
SM_V9_3 iris    CDS     22396184        22396463        .       +
        0       Parent=Smp_013460.1
SM_V9_3 iris    CDS     22397658        22397955        .       +
        2       Parent=Smp_013460.1
SM_V9_3 iris    CDS     22402401        22402502        .       +
        1       Parent=Smp_013460.1
SM_V9_3 iris    CDS     22404968        22405085        .       +
        1       Parent=Smp_013460.1
SM_V9_3 iris    CDS     22406172        22406336        .       +
        0       Parent=Smp_013460.1
SM_V9_3 iris    gene    22426285        22427206        .       +
        .
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SM_V9_3 iris    mRNA    22426285        22427206        .       +
        .
ID=Smp_013470.1;Parent=Smp_013470;geneID=Smp_013470;gene_name=Smp_01
3470;owner=irisadmin@local.host;orig_id=Smp_013470.1;date_last_modif
ied=2022-07-26;Name=Smp_013470.1;product=40S ribosomal protein
S2;date_creation=2022-07-26
SM_V9_3 iris    exon    22426285        22426990        .       +
        .
Parent=Smp_013470.1;Name=c5b49169-748f-4a24-8995-646dc0c45458
SM_V9_3 iris    exon    22427032        22427206        .       +
        .
Parent=Smp_013470.1;Name=1d3bf669-6207-4091-8050-9f4ab266916b
SM_V9_3 iris    CDS     22426339        22426990        .       +
        0       Parent=Smp_013470.1
SM_V9_3 iris    CDS     22427032        22427165        .       +
        2       Parent=Smp_013470.1
SM_V9_3 iris    gene    22445320        22571887        .       -
        .
ID=Smp_246650;geneID=Smp_246650;gene_name=Smp_246650;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    22445320        22571887        .       -
        .
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6650;owner=irisadmin@local.host;orig_id=Smp_246650.1;date_last_modif
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2022-07-27
SM_V9_3 iris    exon    22445320        22446990        .       -
        .       Parent=Smp_246650.1;Name=1402cf4f-c154-4854-876b-
fff6bf446141
SM_V9_3 iris    exon    22448281        22448709        .       -
        .       Parent=Smp_246650.1;Name=a9696c19-6066-4ddd-ac9c-
da751d9735d4
SM_V9_3 iris    exon    22450256        22450723        .       -
        .       Parent=Smp_246650.1;Name=3fb5e4f1-16f1-427d-870b-
d798d0d2b4e5
SM_V9_3 iris    exon    22452705        22452970        .       -
        .       Parent=Smp_246650.1;Name=99ba1e73-2492-48d1-a6e5-
bd9f2dd19abb
SM_V9_3 iris    exon    22456716        22456824        .       -
        .       Parent=Smp_246650.1;Name=1ed3713c-a4e5-4aa7-
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SM_V9_3 iris    exon    22457840        22457920        .       -
        .       Parent=Smp_246650.1;Name=6d00fd19-1a70-4921-
ae82-46938f9a8607
SM_V9_3 iris    exon    22460269        22460700        .       -
        .       Parent=Smp_246650.1;Name=1af9fd8a-f006-4772-87f1-
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SM_V9_3 iris    exon    22463828        22464129        .       -
        .       Parent=Smp_246650.1;Name=2f721768-
ae5f-44af-95c2-5e5a376cd137
SM_V9_3 iris    exon    22470826        22470934        .       -
        .       Parent=Smp_246650.1;Name=906369b9-150a-4b19-
aa11-9a8a8fafbb15
SM_V9_3 iris    exon    22473927        22474007        .       -
        .       Parent=Smp_246650.1;Name=d368250a-f9cb-4c31-
b83b-5e0acb77871d
SM_V9_3 iris    exon    22486682        22486732        .       -
        .       Parent=Smp_246650.1;Name=de131cb5-acf1-4b6d-95b1-
eb3a61b0ac22
SM_V9_3 iris    exon    22490058        22490535        .       -
        .       Parent=Smp_246650.1;Name=becf4101-4de1-4e5a-a311-
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SM_V9_3 iris    exon    22492397        22492637        .       -
        .       Parent=Smp_246650.1;Name=2187f286-0702-4287-a330-
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SM_V9_3 iris    exon    22497394        22497478        .       -
        .
Parent=Smp_246650.1;Name=d7b317bf-005d-43ec-849a-56d29ec129b4
SM_V9_3 iris    exon    22502464        22502550        .       -
        .       Parent=Smp_246650.1;Name=803e2642-
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SM_V9_3 iris    exon    22505306        22505374        .       -
        .       Parent=Smp_246650.1;Name=751edc0b-c932-4439-8ed3-
da8b8b2cca3b
SM_V9_3 iris    exon    22509022        22509589        .       -
        .       Parent=Smp_246650.1;Name=4b692515-f53a-4b1f-
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        .       Parent=Smp_246650.1;Name=77ade668-5053-495a-
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SM_V9_3 iris    exon    22544596        22545116        .       -
        .
Parent=Smp_246650.1;Name=a7851b2e-85d8-4a1d-8189-44d5848d4f15
SM_V9_3 iris    exon    22571141        22571887        .       -
        .       Parent=Smp_246650.1;Name=966660fe-d0ca-4f8c-
b31a-1f5b45752a16
SM_V9_3 iris    CDS     22446599        22446990        .       -
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SM_V9_3 iris    CDS     22448281        22448709        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22450256        22450723        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22452705        22452970        .       -
        1       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22456716        22456824        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22457840        22457920        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22460269        22460700        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22463828        22464129        .       -
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SM_V9_3 iris    CDS     22473927        22474007        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22486682        22486732        .       -
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SM_V9_3 iris    CDS     22490058        22490535        .       -
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SM_V9_3 iris    CDS     22492397        22492637        .       -
        1       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22497394        22497478        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22502464        22502550        .       -
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SM_V9_3 iris    CDS     22505306        22505374        .       -
        2       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22509022        22509589        .       -
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SM_V9_3 iris    CDS     22518348        22518576        .       -
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SM_V9_3 iris    CDS     22544596        22545116        .       -
        0       Parent=Smp_246650.1
SM_V9_3 iris    CDS     22571141        22571290        .       -
        0       Parent=Smp_246650.1
SM_V9_3 iris    gene    22646288        22691342        .       -
        .
ID=Smp_246660;geneID=Smp_246660;gene_name=Smp_246660;owner=irisadmin
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SM_V9_3 iris    mRNA    22646288        22691342        .       -
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SM_V9_3 iris    exon    22667225        22668999        .       -
        .
Parent=Smp_246660.1;Name=aaaf196f-0938-434a-9306-6c9895d5b72e
SM_V9_3 iris    exon    22681592        22682253        .       -
        .
Parent=Smp_246660.1;Name=9def65db-2bdf-4215-86e7-1a1214a95363
SM_V9_3 iris    exon    22690316        22691342        .       -
        .       Parent=Smp_246660.1;Name=c0b723aa-2580-4292-a1b4-
a7e12ddf8ea2
SM_V9_3 iris    CDS     22646795        22647442        .       -
        0       Parent=Smp_246660.1
SM_V9_3 iris    CDS     22649467        22649667        .       -
        0       Parent=Smp_246660.1
SM_V9_3 iris    CDS     22667225        22668999        .       -
        2       Parent=Smp_246660.1
SM_V9_3 iris    CDS     22681592        22682253        .       -
        1       Parent=Smp_246660.1
SM_V9_3 iris    CDS     22690316        22690938        .       -
        0       Parent=Smp_246660.1
SM_V9_3 iris    gene    22698832        22716950        .       -
        .
ID=Smp_013520;geneID=Smp_013520;gene_name=Smp_013520;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    22698832        22716950        .       -
        .
ID=Smp_013520.1;Parent=Smp_013520;geneID=Smp_013520;gene_name=Smp_01
3520;owner=irisadmin@local.host;orig_id=Smp_013520.1;date_last_modif
ied=2022-07-27;Name=Smp_013520.1;product=Nuclear cap-binding protein
subunit 3;date_creation=2022-07-27
SM_V9_3 iris    exon    22698832        22699136        .       -
        .
Parent=Smp_013520.1;Name=3d386798-536f-474b-8221-8a8a1f6e4211
SM_V9_3 iris    exon    22699572        22699974        .       -
        .       Parent=Smp_013520.1;Name=f526eb3d-1f7e-448c-
b673-5d02454c90ce
SM_V9_3 iris    exon    22710323        22710736        .       -
        .       Parent=Smp_013520.1;Name=afc12ef4-
ae46-4b46-9025-90ce4704d02b
SM_V9_3 iris    exon    22711982        22712302        .       -
        .
Parent=Smp_013520.1;Name=b036e58f-5d05-4a8b-97a0-8584afce1009
SM_V9_3 iris    exon    22714069        22714294        .       -
        .       Parent=Smp_013520.1;Name=e2c36a6b-
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a302-4448-8d0f-158b7b1d8ccd
SM_V9_3 iris    exon    22716092        22716950        .       -
        .
Parent=Smp_013520.1;Name=4057d96e-84e3-4708-899c-0a5f77c79980
SM_V9_3 iris    CDS     22699055        22699136        .       -
        1       Parent=Smp_013520.1
SM_V9_3 iris    CDS     22699572        22699974        .       -
        2       Parent=Smp_013520.1
SM_V9_3 iris    CDS     22710323        22710736        .       -
        2       Parent=Smp_013520.1
SM_V9_3 iris    CDS     22711982        22712302        .       -
        2       Parent=Smp_013520.1
SM_V9_3 iris    CDS     22714069        22714294        .       -
        0       Parent=Smp_013520.1
SM_V9_3 iris    CDS     22716092        22716199        .       -
        0       Parent=Smp_013520.1
SM_V9_3 Liftoff gene    22729314        22761174        .       +
        .       ID=Smp_129500;geneID=Smp_129500
SM_V9_3 Liftoff mRNA    22729314        22761174        .       +
        .
ID=Smp_129500.1;Parent=Smp_129500;geneID=Smp_129500;product=DNA-
directed RNA polymerase I subunit
RPA1;polypeptide_domain=InterPro:IPR000722,IPR006592,IPR007066,IPR00
7080,IPR007081,IPR007083
Pfam:PF00623,PF04983,PF04997,PF04998,PF05000;Ontology_term=GO:000367
7,GO:0003899,GO:0006351
SM_V9_3 Liftoff exon    22729314        22729515        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22729553        22729680        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22729715        22729799        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22729837        22730065        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22732642        22732856        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22733690        22733847        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22734624        22735076        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22737567        22737818        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22737928        22738156        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22739045        22739298        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22739963        22740625        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22741308        22741580        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22742751        22743026        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22745114        22745581        .       +
        .       Parent=Smp_129500.1
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SM_V9_3 Liftoff exon    22745676        22745875        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22748195        22748354        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22752451        22752912        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22755329        22755415        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22756898        22757062        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22758844        22758954        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22759428        22759620        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff exon    22760859        22761174        .       +
        .       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22729356        22729515        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22729553        22729680        .       +
        2       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22729715        22729799        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22729837        22730065        .       +
        2       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22732642        22732856        .       +
        1       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22733690        22733847        .       +
        2       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22734624        22735076        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22737567        22737818        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22737928        22738156        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22739045        22739298        .       +
        2       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22739963        22740625        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22741308        22741580        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22742751        22743026        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22745114        22745581        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22745676        22745875        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22748195        22748354        .       +
        1       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22752451        22752912        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22755329        22755415        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22756898        22757062        .       +
        0       Parent=Smp_129500.1
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SM_V9_3 Liftoff CDS     22758844        22758954        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22759428        22759620        .       +
        0       Parent=Smp_129500.1
SM_V9_3 Liftoff CDS     22760859        22760965        .       +
        2       Parent=Smp_129500.1
SM_V9_3 Liftoff gene    22775104        22779929        .       +
        .       ID=Smp_013540;geneID=Smp_013540
SM_V9_3 Liftoff mRNA    22775104        22779929        .       +
        .
ID=Smp_013540.1;Parent=Smp_013540;geneID=Smp_013540;product=Tyrosina
se;polypeptide_domain=InterPro:IPR002227,IPR008922
Pfam:PF00264;Ontology_term=GO:0008152,GO:0016491
SM_V9_3 Liftoff exon    22775104        22776489        .       +
        .       Parent=Smp_013540.1
SM_V9_3 Liftoff exon    22778256        22778472        .       +
        .       Parent=Smp_013540.1
SM_V9_3 Liftoff exon    22779533        22779929        .       +
        .       Parent=Smp_013540.1
SM_V9_3 Liftoff CDS     22775498        22776489        .       +
        0       Parent=Smp_013540.1
SM_V9_3 Liftoff CDS     22778256        22778472        .       +
        1       Parent=Smp_013540.1
SM_V9_3 Liftoff CDS     22779533        22779760        .       +
        0       Parent=Smp_013540.1
SM_V9_3 Liftoff gene    22806924        22841592        .       +
        .
ID=Smp_129510;geneID=Smp_129510;previous_systematic_id=Smp_013570
SM_V9_3 Liftoff mRNA    22806924        22841592        .       +
        .
ID=Smp_129510.1;Parent=Smp_129510;geneID=Smp_129510;product=Metallop
hosphoesterase domain-containing protein
1;polypeptide_domain=InterPro:IPR029052
SM_V9_3 Liftoff exon    22806924        22807853        .       +
        .       Parent=Smp_129510.1
SM_V9_3 Liftoff exon    22840307        22841592        .       +
        .       Parent=Smp_129510.1
SM_V9_3 Liftoff CDS     22807765        22807853        .       +
        0       Parent=Smp_129510.1
SM_V9_3 Liftoff CDS     22840307        22840979        .       +
        1       Parent=Smp_129510.1
SM_V9_3 iris    gene    22883644        22905433        .       +
        .
ID=Smp_311970;geneID=Smp_311970;gene_name=Smp_311970;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    22883644        22905433        .       +
        .
ID=Smp_311970.2;Parent=Smp_311970;geneID=Smp_311970;gene_name=Smp_31
1970;owner=irisadmin@local.host;orig_id=Smp_311970.1;date_last_modif
ied=2022-07-27;Name=Smp_311970.2;product=Transcriptional repressor
p66-beta;date_creation=2022-07-27
SM_V9_3 iris    exon    22883644        22884197        .       +
        .       Parent=Smp_311970.2;Name=166bb2b5-fef9-4fa1-
bf4c-0fd86dad3aff
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SM_V9_3 iris    exon    22892845        22892905        .       +
        .       Parent=Smp_311970.2;Name=ccd4c3e8-d612-4a61-935f-
d053e63c58ef
SM_V9_3 iris    exon    22892939        22893334        .       +
        .
Parent=Smp_311970.2;Name=7e2bf1a2-7df6-44e9-90f4-6cc9490941ae
SM_V9_3 iris    exon    22893367        22893435        .       +
        .       Parent=Smp_311970.2;Name=18795d5e-320e-4b7e-
b818-303ec8d5a589
SM_V9_3 iris    exon    22893472        22893740        .       +
        .       Parent=Smp_311970.2;Name=8f2430bc-
bc9b-4ffe-9ae8-0246e42d25e1
SM_V9_3 iris    exon    22900324        22900755        .       +
        .       Parent=Smp_311970.2;Name=781385ae-fb26-4e40-97dd-
b9986c8a589e
SM_V9_3 iris    exon    22903158        22903734        .       +
        .       Parent=Smp_311970.2;Name=d5efe1b9-8277-40ca-9b78-
d4f423c51194
SM_V9_3 iris    exon    22904790        22905433        .       +
        .       Parent=Smp_311970.2;Name=e18f881f-b7a7-4fae-a8aa-
b6d8e8d8e470
SM_V9_3 iris    CDS     22893067        22893334        .       +
        0       Parent=Smp_311970.2
SM_V9_3 iris    CDS     22893367        22893435        .       +
        2       Parent=Smp_311970.2
SM_V9_3 iris    CDS     22893472        22893740        .       +
        2       Parent=Smp_311970.2
SM_V9_3 iris    CDS     22900324        22900755        .       +
        0       Parent=Smp_311970.2
SM_V9_3 iris    CDS     22903158        22903734        .       +
        0       Parent=Smp_311970.2
SM_V9_3 iris    CDS     22904790        22905055        .       +
        2       Parent=Smp_311970.2
SM_V9_3 iris    mRNA    22892744        22905433        .       +
        .
ID=Smp_311970.1;Parent=Smp_311970;geneID=Smp_311970;gene_name=Smp_31
1970;owner=irisadmin@local.host;orig_id=Smp_311970.2;date_last_modif
ied=2022-07-27;Name=Smp_311970.1;product=Transcriptional repressor
p66-beta;date_creation=2022-07-27
SM_V9_3 iris    exon    22892744        22892788        .       +
        .       Parent=Smp_311970.1;Name=9c2a1a11-fbe0-418c-a6b9-
e6f1c61206d3
SM_V9_3 iris    exon    22892845        22892905        .       +
        .       Parent=Smp_311970.1;Name=e40de92f-92fb-44c1-
ad06-8d603d1f4711
SM_V9_3 iris    exon    22892939        22893334        .       +
        .
Parent=Smp_311970.1;Name=bf553f24-6b72-49eb-9244-3089344fef5f
SM_V9_3 iris    exon    22893367        22893435        .       +
        .       Parent=Smp_311970.1;Name=8cf52ab3-7f9d-45aa-b763-
b27819c9e493
SM_V9_3 iris    exon    22893472        22893740        .       +
        .       Parent=Smp_311970.1;Name=04056230-a660-4fe9-
a6d3-57a319ce76a3
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SM_V9_3 iris    exon    22900324        22900755        .       +
        .
Parent=Smp_311970.1;Name=91e4eb61-4548-46b9-8049-57fcf460f135
SM_V9_3 iris    exon    22903158        22903734        .       +
        .       Parent=Smp_311970.1;Name=926cd8be-3dac-48d8-
aeca-383dac3d6509
SM_V9_3 iris    exon    22904790        22905433        .       +
        .       Parent=Smp_311970.1;Name=ee071f36-154a-4c10-acfc-
cbee2dd24d27
SM_V9_3 iris    CDS     22893067        22893334        .       +
        0       Parent=Smp_311970.1
SM_V9_3 iris    CDS     22893367        22893435        .       +
        2       Parent=Smp_311970.1
SM_V9_3 iris    CDS     22893472        22893740        .       +
        2       Parent=Smp_311970.1
SM_V9_3 iris    CDS     22900324        22900755        .       +
        0       Parent=Smp_311970.1
SM_V9_3 iris    CDS     22903158        22903734        .       +
        0       Parent=Smp_311970.1
SM_V9_3 iris    CDS     22904790        22905055        .       +
        2       Parent=Smp_311970.1
SM_V9_3 Liftoff gene    22918272        22941753        .       +
        .       ID=Smp_129520;geneID=Smp_129520
SM_V9_3 Liftoff mRNA    22918272        22941753        .       +
        .
ID=Smp_129520.1;Parent=Smp_129520;geneID=Smp_129520;product=Uveal
autoantigen with coiled-coil domains and ankyrin repeats
SM_V9_3 Liftoff exon    22918272        22920216        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22920246        22920326        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22920363        22920452        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22921902        22922207        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22922629        22922718        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22924189        22924281        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22924756        22924803        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22925029        22925139        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22926667        22926775        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22926934        22927107        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22929072        22929162        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22929344        22929713        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22930793        22931102        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22933579        22934061        .       +
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        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22935295        22935704        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22937392        22937773        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22940683        22940793        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff exon    22941215        22941753        .       +
        .       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22920109        22920216        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22920246        22920326        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22920363        22920452        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22921902        22922207        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22922629        22922718        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22924189        22924281        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22924756        22924803        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22925029        22925139        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22926667        22926775        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22926934        22927107        .       +
        2       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22929072        22929162        .       +
        2       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22929344        22929713        .       +
        1       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22930793        22931102        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22933579        22934061        .       +
        2       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22935295        22935704        .       +
        2       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22937392        22937773        .       +
        0       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22940683        22940793        .       +
        2       Parent=Smp_129520.1
SM_V9_3 Liftoff CDS     22941215        22941234        .       +
        2       Parent=Smp_129520.1
SM_V9_3 iris    gene    22987140        22990699        .       +
        .
ID=Smp_013600;geneID=Smp_013600;gene_name=Smp_013600;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    22987140        22990699        .       +
        .
ID=Smp_013600.1;Parent=Smp_013600;geneID=Smp_013600;gene_name=Smp_01
3600;owner=irisadmin@local.host;orig_id=Smp_013600.1;date_last_modif
ied=2022-07-27;Name=Smp_013600.1;product=Homeobox protein
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HMX1;date_creation=2022-07-27
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        .       Parent=Smp_013600.1;Name=5a9a313b-11ff-4e36-9d6e-
e122ec401faf
SM_V9_3 iris    exon    22989110        22990699        .       +
        .       Parent=Smp_013600.1;Name=43e555c1-911b-416f-
a3d2-6067dc794485
SM_V9_3 iris    CDS     22987698        22988022        .       +
        0       Parent=Smp_013600.1
SM_V9_3 iris    CDS     22989110        22990242        .       +
        2       Parent=Smp_013600.1
SM_V9_3 Liftoff gene    23022982        23040686        .       +
        .       ID=Smp_013610;geneID=Smp_013610
SM_V9_3 Liftoff mRNA    23022982        23040686        .       +
        .
ID=Smp_013610.1;Parent=Smp_013610;geneID=Smp_013610;product=Protein
FAM161B;polypeptide_domain=InterPro:IPR019579 Pfam:PF10595
SM_V9_3 Liftoff exon    23022982        23023409        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23023443        23023609        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23025388        23025787        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23027464        23027753        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23030145        23030405        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23031419        23031482        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23032215        23032388        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23033804        23034051        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff exon    23037437        23040686        .       +
        .       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23023024        23023409        .       +
        0       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23023443        23023609        .       +
        1       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23025388        23025787        .       +
        2       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23027464        23027753        .       +
        1       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23030145        23030405        .       +
        2       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23031419        23031482        .       +
        2       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23032215        23032388        .       +
        1       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23033804        23034051        .       +
        1       Parent=Smp_013610.1
SM_V9_3 Liftoff CDS     23037437        23037480        .       +
        2       Parent=Smp_013610.1
SM_V9_3 iris    gene    23119123        23190521        .       +
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SM_V9_3 iris    mRNA    23119123        23190521        .       +
        .
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7790;owner=irisadmin@local.host;orig_id=Smp_347790.1;date_last_modif
ied=2022-07-27;Name=Smp_347790.1;product=Protocadherin-11 X-
linked;date_creation=2022-07-26
SM_V9_3 iris    exon    23119123        23122121        .       +
        .       Parent=Smp_347790.1;Name=e6705856-ce38-42a5-b129-
d031b5d0ecc2
SM_V9_3 iris    exon    23173332        23174655        .       +
        .       Parent=Smp_347790.1;Name=1251be36-b8d0-4f19-
bb48-5a4984e5bcd0
SM_V9_3 iris    exon    23177963        23178135        .       +
        .       Parent=Smp_347790.1;Name=bfcdb228-fae7-4605-
aced-82d8b7fb00d9
SM_V9_3 iris    exon    23183592        23183730        .       +
        .       Parent=Smp_347790.1;Name=6b6f4d7e-45d6-41c4-
a10b-8e6e98f7638a
SM_V9_3 iris    exon    23188698        23190521        .       +
        .       Parent=Smp_347790.1;Name=4180becb-4eda-4d12-
aae9-4d4b8c67cb0d
SM_V9_3 iris    CDS     23121111        23122121        .       +
        0       Parent=Smp_347790.1
SM_V9_3 iris    CDS     23173332        23174655        .       +
        0       Parent=Smp_347790.1
SM_V9_3 iris    CDS     23177963        23178135        .       +
        2       Parent=Smp_347790.1
SM_V9_3 iris    CDS     23183592        23183730        .       +
        0       Parent=Smp_347790.1
SM_V9_3 iris    CDS     23188698        23189410        .       +
        2       Parent=Smp_347790.1
SM_V9_3 Liftoff gene    23191019        23193158        .       -
        .       ID=Smp_326080;geneID=Smp_326080
SM_V9_3 Liftoff mRNA    23191019        23193158        .       -
        .
ID=Smp_326080.1;Parent=Smp_326080;geneID=Smp_326080;product=Solute
carrier family 22 member
1;polypeptide_domain=InterPro:IPR005828,IPR020846
Pfam:PF00083;Ontology_term=GO:0016021,GO:0022857,GO:0055085
SM_V9_3 Liftoff exon    23191019        23193158        .       -
        .       Parent=Smp_326080.1
SM_V9_3 Liftoff CDS     23192166        23193140        .       -
        0       Parent=Smp_326080.1
SM_V9_3 Liftoff gene    23235929        23238338        .       -
        .       ID=Smp_326090;geneID=Smp_326090
SM_V9_3 Liftoff mRNA    23235929        23238338        .       -
        .
ID=Smp_326090.1;Parent=Smp_326090;geneID=Smp_326090;product=Solute
carrier family 22 member
1;polypeptide_domain=InterPro:IPR005828,IPR020846
Pfam:PF00083;Ontology_term=GO:0016021,GO:0022857,GO:0055085
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SM_V9_3 Liftoff exon    23235929        23238338        .       -
        .       Parent=Smp_326090.1
SM_V9_3 Liftoff CDS     23236015        23237931        .       -
        0       Parent=Smp_326090.1
SM_V9_3 iris    gene    23300203        23308198        .       -
        .
ID=Smp_070680;geneID=Smp_070680;gene_name=Smp_070680;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    23300203        23306098        .       -
        .
ID=Smp_070680-0;Parent=Smp_070680;geneID=Smp_070680;gene_name=Smp_07
0680;owner=irisadmin@local.host;date_last_modified=2022-07-27;Name=S
mp_070680-00001;date_creation=2022-07-27
SM_V9_3 iris    exon    23300203        23301008        .       -
        .       Parent=Smp_070680-0;Name=Smp_070680-0-CDS
SM_V9_3 iris    exon    23302582        23302698        .       -
        .       Parent=Smp_070680-0;Name=a861eb93-f4db-44c7-
b502-4ec2072bbcd6
SM_V9_3 iris    exon    23302831        23302952        .       -
        .       Parent=Smp_070680-0;Name=6b5d2f1b-
ff3c-46d1-8808-01fdcfd0fc86
SM_V9_3 iris    exon    23305192        23305431        .       -
        .       Parent=Smp_070680-0;Name=05d2bce5-9708-489e-ae53-
ba5f725b0fdd
SM_V9_3 iris    exon    23305924        23306098        .       -
        .       Parent=Smp_070680-0;Name=ef16c229-b2fb-4143-
a0c0-311cf596b2ea
SM_V9_3 iris    CDS     23300954        23301008        .       -
        1       Parent=Smp_070680-0
SM_V9_3 iris    CDS     23302582        23302698        .       -
        1       Parent=Smp_070680-0
SM_V9_3 iris    CDS     23302831        23302952        .       -
        0       Parent=Smp_070680-0
SM_V9_3 iris    CDS     23305192        23305278        .       -
        0       Parent=Smp_070680-0
SM_V9_3 iris    mRNA    23300203        23308198        .       -
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0680;owner=irisadmin@local.host;orig_id=Smp_070680.1;date_last_modif
ied=2022-07-27;Name=Smp_070680.1;product=Repressor of RNA polymerase
III transcription MAF1 homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    23300203        23301008        .       -
        .       Parent=Smp_070680.1;Name=1771badc-226f-4c68-a7e1-
fd6d3d22e389
SM_V9_3 iris    exon    23302582        23302698        .       -
        .       Parent=Smp_070680.1;Name=91bde939-273a-4608-ae98-
ba0b4bf771eb
SM_V9_3 iris    exon    23302831        23302952        .       -
        .
Parent=Smp_070680.1;Name=6cfffb60-225d-4a58-996d-8e8f968ece7b
SM_V9_3 iris    exon    23305192        23305431        .       -
        .       Parent=Smp_070680.1;Name=fbb70add-5f52-473e-
afc9-0f7b624d4287
SM_V9_3 iris    exon    23306559        23306766        .       -
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        .       Parent=Smp_070680.1;Name=01c9fe07-6d20-426c-8741-
e69b3c4e311a
SM_V9_3 iris    exon    23308089        23308198        .       -
        .       Parent=Smp_070680.1;Name=60eeddf2-4b4e-44df-
b0b0-51bdb2f453e9
SM_V9_3 iris    CDS     23300954        23301008        .       -
        1       Parent=Smp_070680.1
SM_V9_3 iris    CDS     23302582        23302698        .       -
        1       Parent=Smp_070680.1
SM_V9_3 iris    CDS     23302831        23302952        .       -
        0       Parent=Smp_070680.1
SM_V9_3 iris    CDS     23305192        23305431        .       -
        0       Parent=Smp_070680.1
SM_V9_3 iris    CDS     23306559        23306766        .       -
        1       Parent=Smp_070680.1
SM_V9_3 iris    CDS     23308089        23308171        .       -
        0       Parent=Smp_070680.1
SM_V9_3 iris    gene    23315355        23327339        .       +
        .
ID=Smp_336680;geneID=Smp_336680;gene_name=Smp_336680;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    23315355        23327339        .       +
        .
ID=Smp_336680.1;Parent=Smp_336680;geneID=Smp_336680;gene_name=Smp_33
6680;owner=irisadmin@local.host;orig_id=Smp_336680.1;date_last_modif
ied=2022-07-27;Name=Smp_336680.1;product=Cell division cycle protein
16 homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    23315355        23315469        .       +
        .       Parent=Smp_336680.1;Name=6a5af7f4-ba3c-4a63-
ab34-432b574b12ba
SM_V9_3 iris    exon    23318094        23318148        .       +
        .       Parent=Smp_336680.1;Name=1fee8e73-
eb49-4db1-97c3-42f6a56b569d
SM_V9_3 iris    exon    23318189        23318286        .       +
        .       Parent=Smp_336680.1;Name=adc1aa21-9b44-497f-
b3d6-45b089262be1
SM_V9_3 iris    exon    23318321        23318575        .       +
        .
Parent=Smp_336680.1;Name=f262d4e1-6234-495d-9f1d-974b5d5d06cc
SM_V9_3 iris    exon    23318619        23318778        .       +
        .       Parent=Smp_336680.1;Name=ca1fdc10-
c336-4530-8df5-69f77dc727ba
SM_V9_3 iris    exon    23318825        23318919        .       +
        .       Parent=Smp_336680.1;Name=611320e3-9372-4a61-9dab-
ce14b406ff6f
SM_V9_3 iris    exon    23318962        23319092        .       +
        .       Parent=Smp_336680.1;Name=e9b1ff62-
f1bf-4cc6-8663-6df3ecc65473
SM_V9_3 iris    exon    23319142        23319221        .       +
        .       Parent=Smp_336680.1;Name=aa9067fc-599f-47e5-81a4-
c2d046daf652
SM_V9_3 iris    exon    23319268        23319317        .       +
        .       Parent=Smp_336680.1;Name=d842dd96-8cbf-436f-
a6d8-09d16d93c057
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addcdbee1ea4
SM_V9_3 iris    exon    23319525        23319650        .       +
        .       Parent=Smp_336680.1;Name=6035c252-
f3b8-4882-8be4-4d863065c10a
SM_V9_3 iris    exon    23320987        23321139        .       +
        .       Parent=Smp_336680.1;Name=db55d108-
aba4-4ac8-8885-1c25bc2bb898
SM_V9_3 iris    exon    23324166        23324291        .       +
        .       Parent=Smp_336680.1;Name=145038de-
d9ac-46c7-94c8-200ca8b94a2a
SM_V9_3 iris    exon    23325033        23325295        .       +
        .       Parent=Smp_336680.1;Name=b5c05631-
ed63-4568-83bf-93f46e551adc
SM_V9_3 iris    exon    23326943        23327339        .       +
        .       Parent=Smp_336680.1;Name=4b67e149-8404-4e97-a808-
c4fff783032e
SM_V9_3 iris    CDS     23315419        23315469        .       +
        0       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23318094        23318148        .       +
        0       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23318189        23318286        .       +
        2       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23318321        23318575        .       +
        0       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23318619        23318778        .       +
        0       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23318825        23318919        .       +
        2       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23318962        23319092        .       +
        0       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23319142        23319221        .       +
        1       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23319268        23319317        .       +
        2       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23319360        23319430        .       +
        0       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23319525        23319650        .       +
        1       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23320987        23321139        .       +
        1       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23324166        23324291        .       +
        1       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23325033        23325295        .       +
        1       Parent=Smp_336680.1
SM_V9_3 iris    CDS     23326943        23327160        .       +
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SM_V9_3 Liftoff gene    23333270        23346941        .       -
        .
ID=Smp_246570;geneID=Smp_246570;previous_systematic_id=Smp_150910,Sm
p_160570
SM_V9_3 Liftoff mRNA    23333270        23346941        .       -
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Pfam:PF12874;Ontology_term=GO:0003676,GO:0008270
SM_V9_3 Liftoff exon    23333270        23334283        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23334908        23335272        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23337413        23337700        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23338808        23339030        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23339077        23339185        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23339235        23339317        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23339354        23339501        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23339539        23339771        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23341061        23341154        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23343964        23344059        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23344140        23344390        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23345777        23346113        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23346145        23346371        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff exon    23346406        23346941        .       -
        .       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23333403        23334283        .       -
        2       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23334908        23335272        .       -
        1       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23337413        23337700        .       -
        1       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23338808        23339030        .       -
        2       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23339077        23339185        .       -
        0       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23339235        23339317        .       -
        2       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23339354        23339501        .       -
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SM_V9_3 Liftoff CDS     23339539        23339771        .       -
        2       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23341061        23341154        .       -
        0       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23343964        23344059        .       -
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SM_V9_3 Liftoff CDS     23344140        23344390        .       -
        2       Parent=Smp_246570.1
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        0       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23346145        23346371        .       -
        2       Parent=Smp_246570.1
SM_V9_3 Liftoff CDS     23346406        23346643        .       -
        0       Parent=Smp_246570.1
SM_V9_3 iris    gene    23357685        23369779        .       +
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SM_V9_3 iris    mRNA    23357685        23369779        .       +
        .
ID=Smp_070710.1;Parent=Smp_070710;geneID=Smp_070710;gene_name=Smp_07
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(farnesyl pyrophosphate synthase,
geranyltranstransferase);date_creation=2022-07-27
SM_V9_3 iris    exon    23357685        23357764        .       +
        .       Parent=Smp_070710.1;Name=c7c15262-83b0-4d46-9949-
dccd4eac664d
SM_V9_3 iris    exon    23359078        23359229        .       +
        .       Parent=Smp_070710.1;Name=29152971-15fa-49fd-
adfe-3a07f47c4514
SM_V9_3 iris    exon    23363704        23363844        .       +
        .
Parent=Smp_070710.1;Name=32cd180d-7b20-49a0-83f4-319e77623a10
SM_V9_3 iris    exon    23364905        23365360        .       +
        .       Parent=Smp_070710.1;Name=ef04563a-39e4-4a44-927b-
ad6a65ea58f8
SM_V9_3 iris    exon    23366172        23366249        .       +
        .       Parent=Smp_070710.1;Name=c3f337d1-75ed-4e27-9abd-
b681ca2786c5
SM_V9_3 iris    exon    23366284        23366418        .       +
        .       Parent=Smp_070710.1;Name=acc520b9-cef7-411d-af0e-
c20816f1465f
SM_V9_3 iris    exon    23369177        23369779        .       +
        .
Parent=Smp_070710.1;Name=d296f5e7-626a-4fbc-871a-4c81d8d675fd
SM_V9_3 iris    CDS     23359095        23359229        .       +
        0       Parent=Smp_070710.1
SM_V9_3 iris    CDS     23363704        23363844        .       +
        0       Parent=Smp_070710.1
SM_V9_3 iris    CDS     23364905        23365360        .       +
        0       Parent=Smp_070710.1
SM_V9_3 iris    CDS     23366172        23366249        .       +
        0       Parent=Smp_070710.1
SM_V9_3 iris    CDS     23366284        23366418        .       +
        0       Parent=Smp_070710.1
SM_V9_3 iris    CDS     23369177        23369392        .       +
        0       Parent=Smp_070710.1
SM_V9_3 iris    gene    23389349        23406011        .       +
        .
ID=Smp_308420;geneID=Smp_308420;gene_name=Smp_308420;owner=irisadmin
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B;date_creation=2022-07-27
SM_V9_3 iris    exon    23389349        23389406        .       +
       .       Parent=Smp_308420.1;Name=6faea99e-
e9e8-4bcf-9aca-782199d8e6ba
SM_V9_3 iris    exon    23389444        23389700        .       +
       .       Parent=Smp_308420.1;Name=7497c9d9-6e8b-43f0-
b727-4f388a3de943
SM_V9_3 iris    exon    23389751        23389846        .       +
       .       Parent=Smp_308420.1;Name=80d75b31-cc95-472b-9fa9-
f5fe14ce11a4
SM_V9_3 iris    exon    23389879        23389983        .       +
       .       Parent=Smp_308420.1;Name=8eacc7a6-803a-445a-b0b6-
e0a204ea4610
SM_V9_3 iris    exon    23390015        23390134        .       +
       .
Parent=Smp_308420.1;Name=d3e1c700-93aa-4f51-9a0d-44d11b70c4e3
SM_V9_3 iris    exon    23391995        23392148        .       +
       .       Parent=Smp_308420.1;Name=a38a5368-e515-460c-858a-
b50d8d5949c6
SM_V9_3 iris    exon    23395253        23395379        .       +
       .       Parent=Smp_308420.1;Name=e78f381e-039d-4ade-b9a4-
e82bcb01ac0c
SM_V9_3 iris    exon    23405158        23406011        .       +
       .
Parent=Smp_308420.1;Name=0bd7fb9c-4b41-4625-8eda-3fbb681bf7b9
SM_V9_3 iris    CDS     23389382        23389406        .       +
       0       Parent=Smp_308420.1
SM_V9_3 iris    CDS     23389444        23389700        .       +
       2       Parent=Smp_308420.1
SM_V9_3 iris    CDS     23389751        23389846        .       +
       0       Parent=Smp_308420.1
SM_V9_3 iris    CDS     23389879        23389983        .       +
       0       Parent=Smp_308420.1
SM_V9_3 iris    CDS     23390015        23390134        .       +
       0       Parent=Smp_308420.1
SM_V9_3 iris    CDS     23391995        23392148        .       +
       0       Parent=Smp_308420.1
SM_V9_3 iris    CDS     23395253        23395379        .       +
       2       Parent=Smp_308420.1
SM_V9_3 iris    CDS     23405158        23405185        .       +
       1       Parent=Smp_308420.1
SM_V9_3 iris    gene    23470907        23485271        .       -
       .
ID=Smp_160590;geneID=Smp_160590;gene_name=Smp_160590;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    23470907        23485271        .       -
       .
ID=Smp_160590.1;Parent=Smp_160590;geneID=Smp_160590;gene_name=Smp_16
0590;owner=irisadmin@local.host;orig_id=Smp_160590.1;date_last_modif
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ied=2022-07-27;Name=Smp_160590.1;product=Hypothetical
protein;date_creation=2022-07-26
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        .       Parent=Smp_160590.1;Name=915fc418-
d1b6-4466-8ac4-87cf4a737f95
SM_V9_3 iris    exon    23472883        23473152        .       -
        .       Parent=Smp_160590.1;Name=61a6daad-1fbe-4772-
a8c9-3ac3cd57fdbd
SM_V9_3 iris    exon    23474137        23474754        .       -
        .       Parent=Smp_160590.1;Name=1db7e9ed-986f-41e3-8f68-
c5430112cba3
SM_V9_3 iris    exon    23476265        23477086        .       -
        .       Parent=Smp_160590.1;Name=3cb96c37-70c2-482a-b3e2-
a95250b2e3c3
SM_V9_3 iris    exon    23477744        23477926        .       -
        .       Parent=Smp_160590.1;Name=9725e87b-1569-4390-91a4-
addb048eb795
SM_V9_3 iris    exon    23478755        23478939        .       -
        .       Parent=Smp_160590.1;Name=8327f9f2-2ce7-43e9-
a7eb-59e7769471d6
SM_V9_3 iris    exon    23479960        23480098        .       -
        .       Parent=Smp_160590.1;Name=13c70f05-9117-4d8a-ae2c-
e5ecc507031d
SM_V9_3 iris    exon    23482909        23483129        .       -
        .       Parent=Smp_160590.1;Name=5d1b8362-bded-46ae-
a9d6-538bc72b04d9
SM_V9_3 iris    exon    23485212        23485271        .       -
        .
Parent=Smp_160590.1;Name=44b0b16f-385f-46e2-8348-3f45421ed9b2
SM_V9_3 iris    CDS     23471507        23472751        .       -
        0       Parent=Smp_160590.1
SM_V9_3 iris    CDS     23472883        23473152        .       -
        0       Parent=Smp_160590.1
SM_V9_3 iris    CDS     23474137        23474754        .       -
        0       Parent=Smp_160590.1
SM_V9_3 iris    CDS     23476265        23477086        .       -
        0       Parent=Smp_160590.1
SM_V9_3 iris    CDS     23477744        23477926        .       -
        0       Parent=Smp_160590.1
SM_V9_3 iris    CDS     23478755        23478939        .       -
        2       Parent=Smp_160590.1
SM_V9_3 iris    CDS     23479960        23480098        .       -
        0       Parent=Smp_160590.1
SM_V9_3 iris    CDS     23482909        23482974        .       -
        0       Parent=Smp_160590.1
SM_V9_3 Liftoff gene    23575165        23579559        .       +
        .       ID=Smp_070760;geneID=Smp_070760
SM_V9_3 Liftoff mRNA    23575165        23579559        .       +
        .
ID=Smp_070760.1;Parent=Smp_070760;geneID=Smp_070760;product=YEATS
domain-containing protein 4;polypeptide_domain=InterPro:IPR005033
Pfam:PF03366;Ontology_term=GO:0006355
SM_V9_3 Liftoff exon    23575165        23579559        .       +
        .       Parent=Smp_070760.1
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SM_V9_3 Liftoff CDS     23578803        23579474        .       +
        0       Parent=Smp_070760.1
SM_V9_3 Liftoff gene    23582716        23583521        .       -
        .       ID=Smp_070770;geneID=Smp_070770
SM_V9_3 Liftoff mRNA    23582716        23583521        .       -
        .
ID=Smp_070770.1;Parent=Smp_070770;geneID=Smp_070770;product=Ubiquiti
n-fold modifier-conjugating enzyme
1;polypeptide_domain=InterPro:IPR014806,IPR016135 Pfam:PF08694
SM_V9_3 Liftoff exon    23582716        23583225        .       -
        .       Parent=Smp_070770.1
SM_V9_3 Liftoff exon    23583258        23583521        .       -
        .       Parent=Smp_070770.1
SM_V9_3 Liftoff CDS     23582937        23583225        .       -
        1       Parent=Smp_070770.1
SM_V9_3 Liftoff CDS     23583258        23583466        .       -
        0       Parent=Smp_070770.1
SM_V9_3 Liftoff gene    23593652        23614290        .       -
        .       ID=Smp_070780;geneID=Smp_070780
SM_V9_3 Liftoff mRNA    23593652        23614290        .       -
        .
ID=Smp_070780.1;Parent=Smp_070780;geneID=Smp_070780;product=UDP-
glucose 4-
epimerase;polypeptide_domain=InterPro:IPR005886,IPR016040,IPR036291
Pfam:PF16363;Ontology_term=GO:0003978,GO:0006012
SM_V9_3 Liftoff exon    23593652        23593916        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff exon    23597489        23597674        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff exon    23601334        23601419        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff exon    23602149        23602350        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff exon    23606339        23606494        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff exon    23611043        23611156        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff exon    23612140        23612237        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff exon    23613959        23614290        .       -
        .       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23593839        23593916        .       -
        0       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23597489        23597674        .       -
        0       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23601334        23601419        .       -
        2       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23602149        23602350        .       -
        0       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23606339        23606494        .       -
        0       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23611043        23611156        .       -
        0       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23612140        23612237        .       -
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        2       Parent=Smp_070780.1
SM_V9_3 Liftoff CDS     23613959        23614091        .       -
        0       Parent=Smp_070780.1
SM_V9_3 Liftoff gene    23622486        23645201        .       -
        .       ID=Smp_160600;geneID=Smp_160600
SM_V9_3 Liftoff mRNA    23622486        23645201        .       -
        .
ID=Smp_160600.1;Parent=Smp_160600;geneID=Smp_160600;product=THO
complex subunit 1;polypeptide_domain=InterPro:IPR021861 Pfam:PF11957
SM_V9_3 Liftoff exon    23622486        23625494        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23626562        23626843        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23631289        23631433        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23632349        23632558        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23632639        23632860        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23635221        23635321        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23644104        23644567        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23644612        23644660        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23644693        23644811        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23644848        23644966        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23645000        23645070        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff exon    23645107        23645201        .       -
        .       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23625483        23625494        .       -
        0       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23626562        23626843        .       -
        0       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23631289        23631433        .       -
        1       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23632349        23632558        .       -
        1       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23632639        23632860        .       -
        1       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23635221        23635321        .       -
        0       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23644104        23644567        .       -
        2       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23644612        23644660        .       -
        0       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23644693        23644811        .       -
        2       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23644848        23644966        .       -
        1       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23645000        23645070        .       -
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        0       Parent=Smp_160600.1
SM_V9_3 Liftoff CDS     23645107        23645154        .       -
        0       Parent=Smp_160600.1
SM_V9_3 Liftoff mRNA    23622486        23645201        .       -
        .
ID=Smp_160600.2;Parent=Smp_160600;geneID=Smp_160600;product=THO
complex subunit 1;polypeptide_domain=InterPro:IPR021861 Pfam:PF11957
SM_V9_3 Liftoff exon    23622486        23622771        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23626562        23626843        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23631289        23631433        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23632349        23632558        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23632639        23632860        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23635221        23635321        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23644104        23644567        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23644612        23644660        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23644693        23644811        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23644848        23644966        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23645000        23645070        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff exon    23645107        23645201        .       -
        .       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23622691        23622771        .       -
        0       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23626562        23626843        .       -
        0       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23631289        23631433        .       -
        1       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23632349        23632558        .       -
        1       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23632639        23632860        .       -
        1       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23635221        23635321        .       -
        0       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23644104        23644567        .       -
        2       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23644612        23644660        .       -
        0       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23644693        23644811        .       -
        2       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23644848        23644966        .       -
        1       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23645000        23645070        .       -
        0       Parent=Smp_160600.2
SM_V9_3 Liftoff CDS     23645107        23645154        .       -
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        0       Parent=Smp_160600.2
SM_V9_3 iris    gene    23659652        23661023        .       +
        .
ID=Smp_333550;geneID=Smp_333550;gene_name=Smp_333550;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    23659652        23661023        .       +
        .
ID=Smp_333550.1;Parent=Smp_333550;geneID=Smp_333550;gene_name=Smp_33
3550;owner=irisadmin@local.host;orig_id=Smp_333550.2;date_last_modif
ied=2022-07-27;Name=Smp_333550.1;product=Pyridoxal phosphate
homeostasis protein;date_creation=2022-07-27
SM_V9_3 iris    exon    23659652        23659941        .       +
        .
Parent=Smp_333550.1;Name=4fb0c02d-0961-4f34-9f77-870478bfbadf
SM_V9_3 iris    exon    23659979        23660089        .       +
        .
Parent=Smp_333550.1;Name=bc95e0c3-78fb-46a6-89ca-225954df1eae
SM_V9_3 iris    exon    23660126        23660161        .       +
        .       Parent=Smp_333550.1;Name=4ed0e0b5-4996-4586-be4b-
a7e1efa74bec
SM_V9_3 iris    exon    23660200        23660275        .       +
        .       Parent=Smp_333550.1;Name=faf9d925-90e9-4752-
b7b4-15a14a804248
SM_V9_3 iris    exon    23660308        23660439        .       +
        .       Parent=Smp_333550.1;Name=837bdab7-0e92-4b98-
a736-08eb8138f6ae
SM_V9_3 iris    exon    23660474        23660616        .       +
        .
Parent=Smp_333550.1;Name=8ddeb124-31b9-4a53-8f34-76a42d0d7112
SM_V9_3 iris    exon    23660663        23660744        .       +
        .
Parent=Smp_333550.1;Name=2e98d4a0-9833-4781-8503-8c48c6c86ca4
SM_V9_3 iris    exon    23660778        23661023        .       +
        .       Parent=Smp_333550.1;Name=54c06f8d-e8b1-42dc-
a402-23c076c7ddff
SM_V9_3 iris    CDS     23659888        23659941        .       +
        0       Parent=Smp_333550.1
SM_V9_3 iris    CDS     23659979        23660089        .       +
        0       Parent=Smp_333550.1
SM_V9_3 iris    CDS     23660126        23660161        .       +
        0       Parent=Smp_333550.1
SM_V9_3 iris    CDS     23660200        23660275        .       +
        0       Parent=Smp_333550.1
SM_V9_3 iris    CDS     23660308        23660439        .       +
        2       Parent=Smp_333550.1
SM_V9_3 iris    CDS     23660474        23660616        .       +
        2       Parent=Smp_333550.1
SM_V9_3 iris    CDS     23660663        23660707        .       +
        0       Parent=Smp_333550.1
SM_V9_3 Liftoff gene    23739882        23754056        .       +
        .       ID=Smp_160610;geneID=Smp_160610
SM_V9_3 Liftoff mRNA    23739882        23754056        .       +
        .
ID=Smp_160610.1;Parent=Smp_160610;geneID=Smp_160610;product=Hypothet
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protein;polypeptide_domain=InterPro:IPR000198,IPR008936;Ontology_ter
m=GO:0007165
SM_V9_3 Liftoff exon    23739882        23740474        .       +
        .       Parent=Smp_160610.1
SM_V9_3 Liftoff exon    23743782        23744331        .       +
        .       Parent=Smp_160610.1
SM_V9_3 Liftoff exon    23745237        23745314        .       +
        .       Parent=Smp_160610.1
SM_V9_3 Liftoff exon    23745995        23746716        .       +
        .       Parent=Smp_160610.1
SM_V9_3 Liftoff exon    23750954        23751097        .       +
        .       Parent=Smp_160610.1
SM_V9_3 Liftoff exon    23751946        23752041        .       +
        .       Parent=Smp_160610.1
SM_V9_3 Liftoff exon    23753263        23754056        .       +
        .       Parent=Smp_160610.1
SM_V9_3 Liftoff CDS     23740019        23740474        .       +
        0       Parent=Smp_160610.1
SM_V9_3 Liftoff CDS     23743782        23744331        .       +
        0       Parent=Smp_160610.1
SM_V9_3 Liftoff CDS     23745237        23745314        .       +
        2       Parent=Smp_160610.1
SM_V9_3 Liftoff CDS     23745995        23746716        .       +
        2       Parent=Smp_160610.1
SM_V9_3 Liftoff CDS     23750954        23751097        .       +
        0       Parent=Smp_160610.1
SM_V9_3 Liftoff CDS     23751946        23752041        .       +
        0       Parent=Smp_160610.1
SM_V9_3 Liftoff CDS     23753263        23753424        .       +
        0       Parent=Smp_160610.1
SM_V9_3 Liftoff gene    23801977        23802908        .       -
        .       ID=Smp_326120;geneID=Smp_326120
SM_V9_3 Liftoff mRNA    23801977        23802908        .       -
        .
ID=Smp_326120.1;Parent=Smp_326120;geneID=Smp_326120;product=Phosphor
ibosylformylglycinamidine cyclo-ligase
SM_V9_3 Liftoff exon    23801977        23802908        .       -
        .       Parent=Smp_326120.1
SM_V9_3 Liftoff CDS     23802240        23802461        .       -
        0       Parent=Smp_326120.1
SM_V9_3 iris    gene    23825820        23879491        .       -
        .
ID=Smp_181490;geneID=Smp_181490;gene_name=Smp_181490;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    23825820        23879491        .       -
        .
ID=Smp_181490.1;Parent=Smp_181490;geneID=Smp_181490;gene_name=Smp_18
1490;owner=irisadmin@local.host;orig_id=Smp_181490.2;date_last_modif
ied=2022-07-27;Name=Smp_181490.1;product=Death-associated protein
kinase 2;date_creation=2022-07-26
SM_V9_3 iris    exon    23825820        23827276        .       -
        .       Parent=Smp_181490.1;Name=99581c82-33ac-482c-87ef-
c9b1cbadb264
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SM_V9_3 iris    exon    23831397        23831882        .       -
        .       Parent=Smp_181490.1;Name=763ef9f7-
bac2-4577-9b05-0e0ad57accb0
SM_V9_3 iris    exon    23833618        23834006        .       -
        .       Parent=Smp_181490.1;Name=20e7da68-2b31-47b2-
a0c5-28a2d12d7898
SM_V9_3 iris    exon    23838183        23838531        .       -
        .
Parent=Smp_181490.1;Name=c52b7ccc-8393-40b4-9bd1-3631159719c8
SM_V9_3 iris    exon    23839512        23839652        .       -
        .       Parent=Smp_181490.1;Name=659e3d8e-cdfe-4de6-bd13-
e983e8e5e877
SM_V9_3 iris    exon    23844261        23844306        .       -
        .       Parent=Smp_181490.1;Name=a3b1f4a4-b926-4c62-
bfac-71aee6554e9a
SM_V9_3 iris    exon    23849550        23849702        .       -
        .       Parent=Smp_181490.1;Name=3014e0ca-0d0b-478c-be15-
e1b2150ef703
SM_V9_3 iris    exon    23859957        23860032        .       -
        .       Parent=Smp_181490.1;Name=5fc7154b-258b-4b32-
a60e-1133593ce08c
SM_V9_3 iris    exon    23876321        23876444        .       -
        .       Parent=Smp_181490.1;Name=608a7edf-d96e-4d2c-8485-
e2c97471d1ec
SM_V9_3 iris    exon    23876530        23876668        .       -
        .       Parent=Smp_181490.1;Name=0eb12d84-9a61-4027-9c13-
a5cb63a3c365
SM_V9_3 iris    exon    23879050        23879271        .       -
        .       Parent=Smp_181490.1;Name=62e51e58-a617-4f20-9568-
cbb2f38f46a2
SM_V9_3 iris    exon    23879309        23879370        .       -
        .       Parent=Smp_181490.1;Name=8ddfc98a-8c77-408a-a1e1-
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SM_V9_3 iris    exon    23879405        23879491        .       -
        .       Parent=Smp_181490.1;Name=13098b82-
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SM_V9_3 iris    CDS     23827013        23827276        .       -
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SM_V9_3 iris    CDS     23831397        23831882        .       -
        0       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23833618        23834006        .       -
        2       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23838183        23838531        .       -
        0       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23839512        23839652        .       -
        0       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23844261        23844306        .       -
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SM_V9_3 iris    CDS     23849550        23849702        .       -
        1       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23859957        23860032        .       -
        2       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23876321        23876444        .       -
        0       Parent=Smp_181490.1
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SM_V9_3 iris    CDS     23879050        23879271        .       -
        1       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23879309        23879370        .       -
        0       Parent=Smp_181490.1
SM_V9_3 iris    CDS     23879405        23879422        .       -
        0       Parent=Smp_181490.1
SM_V9_3 Liftoff gene    23882842        23927507        .       +
        .       ID=Smp_186670;geneID=Smp_186670
SM_V9_3 Liftoff mRNA    23882842        23927507        .       +
        .
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protein;polypeptide_domain=InterPro:IPR002082,IPR002195,IPR002474,IP
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IPR006680,IPR011059,IPR011607,IPR011761,IPR013815,IPR016185,IPR01792
6,IPR029062,IPR032466,IPR035686
Pfam:PF00117,PF00185,PF00988,PF01979,PF02142,PF02729,PF02786,PF02787
;Ontology_term=GO:0003824,GO:0004070,GO:0004088,GO:0005524,GO:000620
7,GO:0006520,GO:0006541,GO:0006807,GO:0016597,GO:0016743,GO:0016787,
GO:0016810,GO:0016812,GO:0046872
SM_V9_3 Liftoff exon    23882842        23883067        .       +
        .       Parent=Smp_186670.1
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        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23886081        23886216        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23886252        23886309        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23887316        23887584        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23887615        23887839        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23887876        23888078        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23888526        23888807        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23890276        23890464        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23890577        23890849        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23891555        23891875        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23891997        23892188        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23892296        23892448        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23892631        23892924        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23897263        23897568        .       +
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SM_V9_3 Liftoff exon    23898619        23899048        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23901362        23901575        .       +
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SM_V9_3 Liftoff exon    23904589        23905212        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23905607        23905830        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23907399        23907536        .       +
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SM_V9_3 Liftoff exon    23907781        23907917        .       +
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        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23912922        23913237        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23917442        23917673        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23919966        23920466        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23923549        23923712        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23924513        23924803        .       +
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SM_V9_3 Liftoff exon    23924919        23925168        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23926480        23926738        .       +
        .       Parent=Smp_186670.1
SM_V9_3 Liftoff exon    23927006        23927507        .       +
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SM_V9_3 Liftoff CDS     23884202        23884430        .       +
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SM_V9_3 Liftoff CDS     23886081        23886216        .       +
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SM_V9_3 Liftoff CDS     23886252        23886309        .       +
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SM_V9_3 Liftoff CDS     23887316        23887584        .       +
        1       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23887615        23887839        .       +
        2       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23887876        23888078        .       +
        2       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23888526        23888807        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23890276        23890464        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23890577        23890849        .       +
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SM_V9_3 Liftoff CDS     23891555        23891875        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23891997        23892188        .       +
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SM_V9_3 Liftoff CDS     23892296        23892448        .       +
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SM_V9_3 Liftoff CDS     23897263        23897568        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23898619        23899048        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23901362        23901575        .       +
        2       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23902710        23902938        .       +
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SM_V9_3 Liftoff CDS     23904589        23905212        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23905607        23905830        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23907399        23907536        .       +
        1       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23907781        23907917        .       +
        1       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23909234        23909489        .       +
        2       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23912922        23913237        .       +
        1       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23917442        23917673        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23919966        23920466        .       +
        2       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23923549        23923712        .       +
        2       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23924513        23924803        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23924919        23925168        .       +
        0       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23926480        23926738        .       +
        2       Parent=Smp_186670.1
SM_V9_3 Liftoff CDS     23927006        23927291        .       +
        1       Parent=Smp_186670.1
SM_V9_3 Liftoff gene    23927627        23936866        .       -
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SM_V9_3 Liftoff mRNA    23927627        23936866        .       -
        .
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tRNA (uracil-O(2)-)-
methyltransferase;polypeptide_domain=InterPro:IPR011671
Pfam:PF07757;Ontology_term=GO:0008168
SM_V9_3 Liftoff exon    23927627        23927896        .       -
        .       Parent=Smp_181480.1
SM_V9_3 Liftoff exon    23930397        23930513        .       -
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SM_V9_3 Liftoff exon    23932813        23933140        .       -
        .       Parent=Smp_181480.1
SM_V9_3 Liftoff exon    23934161        23934496        .       -
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SM_V9_3 Liftoff exon    23936063        23936140        .       -
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        .       Parent=Smp_181480.1
SM_V9_3 Liftoff exon    23936291        23936359        .       -
        .       Parent=Smp_181480.1
SM_V9_3 Liftoff exon    23936396        23936600        .       -
        .       Parent=Smp_181480.1
SM_V9_3 Liftoff exon    23936631        23936866        .       -
        .       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23927673        23927896        .       -
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SM_V9_3 Liftoff CDS     23930397        23930513        .       -
        2       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23932813        23933140        .       -
        0       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23934161        23934496        .       -
        0       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23936063        23936140        .       -
        0       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23936170        23936253        .       -
        0       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23936291        23936359        .       -
        0       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23936396        23936600        .       -
        1       Parent=Smp_181480.1
SM_V9_3 Liftoff CDS     23936631        23936857        .       -
        0       Parent=Smp_181480.1
SM_V9_3 Liftoff gene    23941412        23945128        .       +
        .       ID=Smp_106130;geneID=Smp_106130
SM_V9_3 Liftoff mRNA    23941412        23945128        .       +
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mitochondrial;polypeptide_domain=InterPro:IPR012725,IPR013126,IPR018
181,IPR029047,IPR029048
Pfam:PF00012;Ontology_term=GO:0005524,GO:0006457,GO:0051082
SM_V9_3 Liftoff exon    23941412        23941504        .       +
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SM_V9_3 Liftoff exon    23941541        23941967        .       +
        .       Parent=Smp_106130.1
SM_V9_3 Liftoff exon    23942006        23942079        .       +
        .       Parent=Smp_106130.1
SM_V9_3 Liftoff exon    23942117        23942223        .       +
        .       Parent=Smp_106130.1
SM_V9_3 Liftoff exon    23942257        23942419        .       +
        .       Parent=Smp_106130.1
SM_V9_3 Liftoff exon    23942453        23942755        .       +
        .       Parent=Smp_106130.1
SM_V9_3 Liftoff exon    23942794        23943126        .       +
        .       Parent=Smp_106130.1
SM_V9_3 Liftoff exon    23943213        23943518        .       +
        .       Parent=Smp_106130.1
SM_V9_3 Liftoff exon    23944654        23944794        .       +
        .       Parent=Smp_106130.1
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SM_V9_3 Liftoff CDS     23941541        23941967        .       +
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SM_V9_3 Liftoff CDS     23942006        23942079        .       +
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SM_V9_3 Liftoff CDS     23942257        23942419        .       +
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SM_V9_3 Liftoff CDS     23942453        23942755        .       +
        0       Parent=Smp_106130.1
SM_V9_3 Liftoff CDS     23942794        23943126        .       +
        0       Parent=Smp_106130.1
SM_V9_3 Liftoff CDS     23943213        23943518        .       +
        0       Parent=Smp_106130.1
SM_V9_3 Liftoff CDS     23944654        23944794        .       +
        0       Parent=Smp_106130.1
SM_V9_3 Liftoff CDS     23944833        23944901        .       +
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SM_V9_3 Liftoff gene    23965215        23982319        .       +
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lifeguard 1;polypeptide_domain=InterPro:IPR006214 Pfam:PF01027
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SM_V9_3 Liftoff exon    23967700        23967845        .       +
        .       Parent=Smp_181470.1
SM_V9_3 Liftoff exon    23969104        23969168        .       +
        .       Parent=Smp_181470.1
SM_V9_3 Liftoff exon    23969211        23969264        .       +
        .       Parent=Smp_181470.1
SM_V9_3 Liftoff exon    23970077        23970167        .       +
        .       Parent=Smp_181470.1
SM_V9_3 Liftoff exon    23973555        23973785        .       +
        .       Parent=Smp_181470.1
SM_V9_3 Liftoff exon    23977711        23977758        .       +
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SM_V9_3 Liftoff exon    23981798        23982319        .       +
        .       Parent=Smp_181470.1
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SM_V9_3 Liftoff CDS     23967700        23967845        .       +
        2       Parent=Smp_181470.1
SM_V9_3 Liftoff CDS     23969104        23969168        .       +
        0       Parent=Smp_181470.1
SM_V9_3 Liftoff CDS     23969211        23969264        .       +
        1       Parent=Smp_181470.1
SM_V9_3 Liftoff CDS     23970077        23970167        .       +
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        0       Parent=Smp_181470.1
SM_V9_3 Liftoff CDS     23981798        23981944        .       +
        0       Parent=Smp_181470.1
SM_V9_3 Liftoff gene    24006040        24057921        .       +
        .       ID=Smp_106110;geneID=Smp_106110
SM_V9_3 Liftoff mRNA    24006040        24057921        .       +
        .
ID=Smp_106110.1;Parent=Smp_106110;geneID=Smp_106110;product=Kv
channel-interacting protein
4;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499,PF13833;Ontology_term=GO:0005509
SM_V9_3 Liftoff exon    24006040        24006175        .       +
        .       Parent=Smp_106110.1
SM_V9_3 Liftoff exon    24028214        24028338        .       +
        .       Parent=Smp_106110.1
SM_V9_3 Liftoff exon    24035609        24035678        .       +
        .       Parent=Smp_106110.1
SM_V9_3 Liftoff exon    24042242        24042312        .       +
        .       Parent=Smp_106110.1
SM_V9_3 Liftoff exon    24045475        24045687        .       +
        .       Parent=Smp_106110.1
SM_V9_3 Liftoff exon    24050446        24050508        .       +
        .       Parent=Smp_106110.1
SM_V9_3 Liftoff exon    24057670        24057921        .       +
        .       Parent=Smp_106110.1
SM_V9_3 Liftoff CDS     24006163        24006175        .       +
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SM_V9_3 Liftoff CDS     24028214        24028338        .       +
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SM_V9_3 Liftoff CDS     24035609        24035678        .       +
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SM_V9_3 Liftoff CDS     24042242        24042312        .       +
        2       Parent=Smp_106110.1
SM_V9_3 Liftoff CDS     24045475        24045687        .       +
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SM_V9_3 Liftoff CDS     24050446        24050508        .       +
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SM_V9_3 Liftoff CDS     24057670        24057717        .       +
        0       Parent=Smp_106110.1
SM_V9_3 iris    gene    24068794        24084190        .       +
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24068794        24084190        .       +
        .
ID=Smp_181460.1;Parent=Smp_181460;geneID=Smp_181460;gene_name=Smp_18
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hydrolase MINDY-3;date_creation=2022-07-26
SM_V9_3 iris    exon    24068794        24068838        .       +
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SM_V9_3 iris    exon    24074739        24074876        .       +
        .       Parent=Smp_181460.1;Name=0f452602-12d8-4970-
b700-07aaa7c0ffd1
SM_V9_3 iris    exon    24074914        24075019        .       +
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Parent=Smp_181460.1;Name=51aeae03-65cc-4220-987f-23b0aee092b2
SM_V9_3 iris    exon    24076327        24076595        .       +
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SM_V9_3 iris    exon    24080996        24081323        .       +
        .       Parent=Smp_181460.1;Name=9ea93709-9c7f-4e74-
a9ae-189e395fc24c
SM_V9_3 iris    exon    24083190        24083358        .       +
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Parent=Smp_181460.1;Name=a0b651dd-91c4-4889-9b09-31feae3b67fb
SM_V9_3 iris    exon    24083797        24084190        .       +
        .       Parent=Smp_181460.1;Name=73273803-d7c7-456c-a8f2-
ec2654965768
SM_V9_3 iris    CDS     24074435        24074531        .       +
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SM_V9_3 iris    CDS     24074565        24074702        .       +
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SM_V9_3 iris    CDS     24074739        24074876        .       +
        2       Parent=Smp_181460.1
SM_V9_3 iris    CDS     24074914        24075019        .       +
        2       Parent=Smp_181460.1
SM_V9_3 iris    CDS     24076327        24076595        .       +
        1       Parent=Smp_181460.1
SM_V9_3 iris    CDS     24080996        24081323        .       +
        2       Parent=Smp_181460.1
SM_V9_3 iris    CDS     24083190        24083358        .       +
        1       Parent=Smp_181460.1
SM_V9_3 iris    CDS     24083797        24083955        .       +
        0       Parent=Smp_181460.1
SM_V9_3 Liftoff gene    24092850        24099165        .       -
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ID=Smp_335280;geneID=Smp_335280;previous_systematic_id=Smp_202060
SM_V9_3 Liftoff mRNA    24092850        24099165        .       -
        .
ID=Smp_335280.1;Parent=Smp_335280;geneID=Smp_335280;product=NADH
dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9,
mitochondrial;polypeptide_domain=InterPro:IPR016040
SM_V9_3 Liftoff exon    24092850        24093720        .       -
        .       Parent=Smp_335280.1
SM_V9_3 Liftoff exon    24097423        24097691        .       -
        .       Parent=Smp_335280.1
SM_V9_3 Liftoff exon    24099102        24099165        .       -
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        .       Parent=Smp_335280.1
SM_V9_3 Liftoff CDS     24093676        24093720        .       -
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SM_V9_3 Liftoff CDS     24097423        24097691        .       -
        2       Parent=Smp_335280.1
SM_V9_3 Liftoff CDS     24099102        24099147        .       -
        0       Parent=Smp_335280.1
SM_V9_3 Liftoff gene    24110714        24113363        .       +
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SM_V9_3 Liftoff mRNA    24110714        24113363        .       +
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ID=Smp_181450.1;Parent=Smp_181450;geneID=Smp_181450;product=Centroso
me and spindle pole associated protein 1
SM_V9_3 Liftoff exon    24110714        24111132        .       +
        .       Parent=Smp_181450.1
SM_V9_3 Liftoff exon    24111182        24111280        .       +
        .       Parent=Smp_181450.1
SM_V9_3 Liftoff exon    24111314        24113363        .       +
        .       Parent=Smp_181450.1
SM_V9_3 Liftoff CDS     24110780        24111132        .       +
        0       Parent=Smp_181450.1
SM_V9_3 Liftoff CDS     24111182        24111280        .       +
        1       Parent=Smp_181450.1
SM_V9_3 Liftoff CDS     24111314        24113315        .       +
        1       Parent=Smp_181450.1
SM_V9_3 Liftoff gene    24119635        24125390        .       -
        .       ID=Smp_326130;geneID=Smp_326130
SM_V9_3 Liftoff mRNA    24119635        24125390        .       -
        .
ID=Smp_326130.1;Parent=Smp_326130;geneID=Smp_326130;product=Protein
TEX261;polypeptide_domain=InterPro:IPR007277 Pfam:PF04148
SM_V9_3 Liftoff exon    24119635        24120482        .       -
        .       Parent=Smp_326130.1
SM_V9_3 Liftoff exon    24120521        24125390        .       -
        .       Parent=Smp_326130.1
SM_V9_3 Liftoff CDS     24119856        24120482        .       -
        0       Parent=Smp_326130.1
SM_V9_3 Liftoff CDS     24120521        24120571        .       -
        0       Parent=Smp_326130.1
SM_V9_3 iris    gene    24134203        24149230        .       -
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24134203        24149230        .       -
        .
ID=Smp_106080.1;Parent=Smp_106080;geneID=Smp_106080;gene_name=Smp_10
6080;owner=irisadmin@local.host;orig_id=Smp_106080.1;date_last_modif
ied=2022-07-27;Name=Smp_106080.1;product=NADH dehydrogenase
[ubiquinone] 1 alpha subcomplex subunit 9,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    24134203        24134540        .       -
        .       Parent=Smp_106080.1;Name=531abb76-7b6a-40cd-877a-
fa4352a71346
SM_V9_3 iris    exon    24136691        24136949        .       -
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        .       Parent=Smp_106080.1;Name=d2480935-06b2-4ec4-8dee-
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SM_V9_3 iris    exon    24146078        24146438        .       -
        .       Parent=Smp_106080.1;Name=a7f77546-de46-4063-
bcb7-6181c1f67dc7
SM_V9_3 iris    exon    24147477        24147745        .       -
        .       Parent=Smp_106080.1;Name=dfc4d8ae-bcba-4879-
a653-35c078008b5e
SM_V9_3 iris    exon    24149156        24149230        .       -
        .       Parent=Smp_106080.1;Name=3ee2c574-3438-401a-
ae3c-68e7e76c6ab0
SM_V9_3 iris    CDS     24134294        24134540        .       -
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SM_V9_3 iris    CDS     24136691        24136949        .       -
        2       Parent=Smp_106080.1
SM_V9_3 iris    CDS     24146078        24146438        .       -
        0       Parent=Smp_106080.1
SM_V9_3 iris    CDS     24147477        24147745        .       -
        2       Parent=Smp_106080.1
SM_V9_3 iris    CDS     24149156        24149201        .       -
        0       Parent=Smp_106080.1
SM_V9_3 iris    gene    24161244        24188291        .       +
        .
ID=Smp_181440;geneID=Smp_181440;gene_name=Smp_181440;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24161244        24188291        .       +
        .
ID=Smp_181440.1;Parent=Smp_181440;geneID=Smp_181440;gene_name=Smp_18
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ied=2022-07-27;Name=Smp_181440.1;product=Protein tyrosine
phosphatase domain-containing protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    24161244        24161358        .       +
        .       Parent=Smp_181440.1;Name=32224a5d-90e8-40e2-
ac61-5407ee52723b
SM_V9_3 iris    exon    24161390        24161558        .       +
        .
Parent=Smp_181440.1;Name=e3451705-1955-424e-8496-0f7fa4c49d97
SM_V9_3 iris    exon    24161588        24161668        .       +
        .       Parent=Smp_181440.1;Name=cdacdb0e-701a-4a30-8236-
b5fd0a3a9eaa
SM_V9_3 iris    exon    24161701        24161816        .       +
        .       Parent=Smp_181440.1;Name=ec4ab565-43d7-40e9-
adcd-248a77b82efc
SM_V9_3 iris    exon    24161854        24161875        .       +
        .       Parent=Smp_181440.1;Name=c9adabfb-781a-4237-84ba-
e54cdc31636d
SM_V9_3 iris    exon    24161912        24162018        .       +
        .       Parent=Smp_181440.1;Name=545eaad0-e7b1-432c-
b0ef-6d31c3b3da67
SM_V9_3 iris    exon    24162053        24162140        .       +
        .       Parent=Smp_181440.1;Name=6cb65d14-f70b-4e47-b1e0-
fc8be2425e54
SM_V9_3 iris    exon    24162173        24162262        .       +
        .       Parent=Smp_181440.1;Name=2c563f5e-37dd-4b80-
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ab96-0ec6e017f976
SM_V9_3 iris    exon    24162301        24162388        .       +
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Parent=Smp_181440.1;Name=456d1068-98e3-40b9-8a75-9ea2f2c7aba1
SM_V9_3 iris    exon    24168710        24168837        .       +
        .
Parent=Smp_181440.1;Name=9224325c-7695-4f4e-995b-9206d62b33b7
SM_V9_3 iris    exon    24174825        24174922        .       +
        .       Parent=Smp_181440.1;Name=ff53d1d7-662d-4a62-948c-
bc2c9ee58cf2
SM_V9_3 iris    exon    24177181        24177302        .       +
        .       Parent=Smp_181440.1;Name=67857c39-785e-4acd-ad4c-
efb1aea5c61d
SM_V9_3 iris    exon    24179374        24179478        .       +
        .       Parent=Smp_181440.1;Name=7f139735-447f-4b4f-
a017-03c96b4906dd
SM_V9_3 iris    exon    24182492        24182584        .       +
        .
Parent=Smp_181440.1;Name=bdbe882f-19d3-4d38-9ff9-7eb8717a00b1
SM_V9_3 iris    exon    24186985        24187365        .       +
        .       Parent=Smp_181440.1;Name=f7d4969c-52d2-4811-8643-
b1e15613cfaa
SM_V9_3 iris    exon    24188122        24188291        .       +
        .       Parent=Smp_181440.1;Name=38ea9ff5-8cad-41c1-8813-
f7c2e8b6be65
SM_V9_3 iris    CDS     24161298        24161358        .       +
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SM_V9_3 iris    CDS     24161390        24161558        .       +
        2       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24161588        24161668        .       +
        1       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24161701        24161816        .       +
        1       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24161854        24161875        .       +
        2       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24161912        24162018        .       +
        1       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24162053        24162140        .       +
        2       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24162173        24162262        .       +
        1       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24162301        24162388        .       +
        1       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24168710        24168837        .       +
        0       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24174825        24174922        .       +
        1       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24177181        24177302        .       +
        2       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24179374        24179478        .       +
        0       Parent=Smp_181440.1
SM_V9_3 iris    CDS     24182492        24182584        .       +
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SM_V9_3 iris    CDS     24186985        24187296        .       +
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        .
ID=Smp_106060.1;Parent=Smp_106060;geneID=Smp_106060;product=Calcium-
binding mitochondrial carrier protein
SCaMC-1;polypeptide_domain=InterPro:IPR002048,IPR002067,IPR011992,IP
R018108,IPR018247,IPR023395
Pfam:PF00153,PF13499;Ontology_term=GO:0005509,GO:0055085
SM_V9_3 Liftoff exon    24193856        24194590        .       -
        .       Parent=Smp_106060.1
SM_V9_3 Liftoff exon    24196787        24197134        .       -
        .       Parent=Smp_106060.1
SM_V9_3 Liftoff exon    24198866        24199206        .       -
        .       Parent=Smp_106060.1
SM_V9_3 Liftoff exon    24200544        24204672        .       -
        .       Parent=Smp_106060.1
SM_V9_3 Liftoff CDS     24194432        24194590        .       -
        0       Parent=Smp_106060.1
SM_V9_3 Liftoff CDS     24196787        24197134        .       -
        0       Parent=Smp_106060.1
SM_V9_3 Liftoff CDS     24198866        24199206        .       -
        2       Parent=Smp_106060.1
SM_V9_3 Liftoff CDS     24200544        24201117        .       -
        0       Parent=Smp_106060.1
SM_V9_3 Liftoff gene    24204080        24204629        .       -
        .       ID=Smp_106050;geneID=Smp_106050
SM_V9_3 Liftoff mRNA    24204080        24204629        .       -
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ID=Smp_106050.1;Parent=Smp_106050;geneID=Smp_106050;product=Thioredo
xin-like protein 4A;polypeptide_domain=InterPro:IPR004123,IPR012336
Pfam:PF02966;Ontology_term=GO:0000398,GO:0005681
SM_V9_3 Liftoff exon    24204080        24204629        .       -
        .       Parent=Smp_106050.1
SM_V9_3 Liftoff CDS     24204165        24204593        .       -
        0       Parent=Smp_106050.1
SM_V9_3 Liftoff gene    24223278        24228310        .       -
        .
ID=Smp_246560;geneID=Smp_246560;previous_systematic_id=Smp_106040,Sm
p_181420
SM_V9_3 Liftoff mRNA    24223278        24228310        .       -
        .
ID=Smp_246560.1;Parent=Smp_246560;geneID=Smp_246560;product=Structur
e-specific endonuclease subunit SLX1 homolog
SM_V9_3 Liftoff exon    24223278        24223622        .       -
        .       Parent=Smp_246560.1
SM_V9_3 Liftoff exon    24226845        24227159        .       -
        .       Parent=Smp_246560.1
SM_V9_3 Liftoff exon    24227204        24227255        .       -
        .       Parent=Smp_246560.1
SM_V9_3 Liftoff exon    24227289        24228310        .       -
        .       Parent=Smp_246560.1
SM_V9_3 Liftoff CDS     24223374        24223622        .       -
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SM_V9_3 Liftoff CDS     24227204        24227255        .       -
        1       Parent=Smp_246560.1
SM_V9_3 Liftoff CDS     24227289        24227500        .       -
        0       Parent=Smp_246560.1
SM_V9_3 Liftoff gene    24238064        24238818        .       +
        .       ID=Smp_181410;geneID=Smp_181410
SM_V9_3 Liftoff mRNA    24238064        24238818        .       +
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ID=Smp_181410.1;Parent=Smp_181410;geneID=Smp_181410;product=Protein-
arginine kinase activator protein
SM_V9_3 Liftoff exon    24238064        24238334        .       +
        .       Parent=Smp_181410.1
SM_V9_3 Liftoff exon    24238367        24238480        .       +
        .       Parent=Smp_181410.1
SM_V9_3 Liftoff exon    24238514        24238818        .       +
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SM_V9_3 Liftoff CDS     24238109        24238334        .       +
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SM_V9_3 Liftoff CDS     24238367        24238480        .       +
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SM_V9_3 Liftoff CDS     24238514        24238593        .       +
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SM_V9_3 Liftoff gene    24241593        24272550        .       -
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SM_V9_3 Liftoff mRNA    24241593        24272550        .       -
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polyprotein
SM_V9_3 Liftoff exon    24241593        24241823        .       -
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SM_V9_3 Liftoff exon    24243037        24243180        .       -
        .       Parent=Smp_106010.1
SM_V9_3 Liftoff exon    24272236        24272550        .       -
        .       Parent=Smp_106010.1
SM_V9_3 Liftoff CDS     24241792        24241823        .       -
        2       Parent=Smp_106010.1
SM_V9_3 Liftoff CDS     24243037        24243180        .       -
        2       Parent=Smp_106010.1
SM_V9_3 Liftoff CDS     24272236        24272311        .       -
        0       Parent=Smp_106010.1
SM_V9_3 Liftoff gene    24292337        24327670        .       -
        .       ID=Smp_181390;geneID=Smp_181390
SM_V9_3 Liftoff mRNA    24292337        24327670        .       -
        .
ID=Smp_181390.1;Parent=Smp_181390;geneID=Smp_181390;product=Protein
CREBRF homolog
SM_V9_3 Liftoff exon    24292337        24293373        .       -
        .       Parent=Smp_181390.1
SM_V9_3 Liftoff exon    24294211        24294471        .       -
        .       Parent=Smp_181390.1
SM_V9_3 Liftoff exon    24302536        24302609        .       -
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SM_V9_3 Liftoff exon    24309030        24309618        .       -
        .       Parent=Smp_181390.1
SM_V9_3 Liftoff exon    24320293        24320502        .       -
        .       Parent=Smp_181390.1
SM_V9_3 Liftoff exon    24324081        24327670        .       -
        .       Parent=Smp_181390.1
SM_V9_3 Liftoff CDS     24293012        24293373        .       -
        2       Parent=Smp_181390.1
SM_V9_3 Liftoff CDS     24294211        24294471        .       -
        2       Parent=Smp_181390.1
SM_V9_3 Liftoff CDS     24302536        24302609        .       -
        1       Parent=Smp_181390.1
SM_V9_3 Liftoff CDS     24309030        24309618        .       -
        2       Parent=Smp_181390.1
SM_V9_3 Liftoff CDS     24320293        24320502        .       -
        2       Parent=Smp_181390.1
SM_V9_3 Liftoff CDS     24324081        24325122        .       -
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SM_V9_3 iris    gene    24339197        24347900        .       -
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ID=Smp_213040;geneID=Smp_213040;gene_name=Smp_213040;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24339197        24347900        .       -
        .
ID=Smp_213040.1;Parent=Smp_213040;geneID=Smp_213040;gene_name=Smp_21
3040;owner=irisadmin@local.host;orig_id=Smp_213040.1;date_last_modif
ied=2022-07-27;Name=Smp_213040.1;product=26S proteasome non-ATPase
regulatory subunit 9;date_creation=2022-07-26
SM_V9_3 iris    exon    24339197        24339459        .       -
        .       Parent=Smp_213040.1;Name=a21e1a6f-a06a-40d4-
a857-4dc8e4518c70
SM_V9_3 iris    exon    24340376        24340467        .       -
        .       Parent=Smp_213040.1;Name=fbd8b244-7ac7-4b1a-9e09-
e1c64e8bfbee
SM_V9_3 iris    exon    24341265        24341369        .       -
        .       Parent=Smp_213040.1;Name=3b9de027-cef8-4835-8846-
ee0c0ebbfb24
SM_V9_3 iris    exon    24342457        24342674        .       -
        .       Parent=Smp_213040.1;Name=cfdc3435-dbfb-4efc-b33b-
d8410d49ee51
SM_V9_3 iris    exon    24344014        24344116        .       -
        .       Parent=Smp_213040.1;Name=bf185706-68b4-4048-b8cc-
b88e892800c1
SM_V9_3 iris    exon    24345737        24345853        .       -
        .       Parent=Smp_213040.1;Name=92d0f7c1-344d-4f80-
af30-4b9b52d4659a
SM_V9_3 iris    exon    24347295        24347900        .       -
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Parent=Smp_213040.1;Name=581ecef8-9b3d-48d3-9240-257330ac78de
SM_V9_3 iris    CDS     24339438        24339459        .       -
        1       Parent=Smp_213040.1
SM_V9_3 iris    CDS     24340376        24340467        .       -
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SM_V9_3 iris    CDS     24341265        24341369        .       -
        0       Parent=Smp_213040.1
SM_V9_3 iris    CDS     24342457        24342674        .       -
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SM_V9_3 iris    CDS     24344014        24344116        .       -
        0       Parent=Smp_213040.1
SM_V9_3 iris    CDS     24345737        24345853        .       -
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SM_V9_3 iris    CDS     24347295        24347336        .       -
        0       Parent=Smp_213040.1
SM_V9_3 iris    gene    24348055        24372547        .       -
        .
ID=Smp_213050;geneID=Smp_213050;gene_name=Smp_213050;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24348055        24372547        .       -
        .
ID=Smp_213050.1;Parent=Smp_213050;geneID=Smp_213050;gene_name=Smp_21
3050;owner=irisadmin@local.host;orig_id=Smp_213050.1;date_last_modif
ied=2022-07-27;Name=Smp_213050.1;product=HMG domain-containing
protein 4;date_creation=2022-07-26
SM_V9_3 iris    exon    24348055        24348838        .       -
        .       Parent=Smp_213050.1;Name=29773e8a-575e-48be-9396-
bc6fa0925f09
SM_V9_3 iris    exon    24349532        24349786        .       -
        .       Parent=Smp_213050.1;Name=4f1d8aff-23b7-4b6a-
b7af-67c3b3000092
SM_V9_3 iris    exon    24352233        24352418        .       -
        .       Parent=Smp_213050.1;Name=11d9e237-e6a2-41dc-
b564-4c27e37f4ac7
SM_V9_3 iris    exon    24353876        24354045        .       -
        .       Parent=Smp_213050.1;Name=a5c76ebe-520e-4520-81ad-
e33ed7cebb1a
SM_V9_3 iris    exon    24358465        24358555        .       -
        .       Parent=Smp_213050.1;Name=7c1e1316-f917-4bb9-
b2c6-2a9e07b64457
SM_V9_3 iris    exon    24359475        24359494        .       -
        .
Parent=Smp_213050.1;Name=2c1b695d-79ea-4e27-9087-3ea16f647adc
SM_V9_3 iris    exon    24361332        24361848        .       -
        .       Parent=Smp_213050.1;Name=21171c5c-0b78-4769-bb59-
e6d93b128175
SM_V9_3 iris    exon    24372181        24372547        .       -
        .       Parent=Smp_213050.1;Name=f9071a26-
fdec-4bcb-9d04-7a1aa11cc463
SM_V9_3 iris    CDS     24348671        24348838        .       -
        0       Parent=Smp_213050.1
SM_V9_3 iris    CDS     24349532        24349786        .       -
        0       Parent=Smp_213050.1
SM_V9_3 iris    CDS     24352233        24352418        .       -
        0       Parent=Smp_213050.1
SM_V9_3 iris    CDS     24353876        24354045        .       -
        2       Parent=Smp_213050.1
SM_V9_3 iris    CDS     24358465        24358555        .       -
        0       Parent=Smp_213050.1
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SM_V9_3 iris    CDS     24359475        24359494        .       -
        2       Parent=Smp_213050.1
SM_V9_3 iris    CDS     24361332        24361848        .       -
        0       Parent=Smp_213050.1
SM_V9_3 iris    CDS     24372181        24372204        .       -
        0       Parent=Smp_213050.1
SM_V9_3 Liftoff gene    24380284        24383962        .       +
        .       ID=Smp_105970;geneID=Smp_105970
SM_V9_3 Liftoff mRNA    24380284        24383962        .       +
        .
ID=Smp_105970.1;Parent=Smp_105970;geneID=Smp_105970;product=Caprin-2
SM_V9_3 Liftoff exon    24380284        24380512        .       +
        .       Parent=Smp_105970.1
SM_V9_3 Liftoff exon    24380545        24381360        .       +
        .       Parent=Smp_105970.1
SM_V9_3 Liftoff exon    24382221        24382752        .       +
        .       Parent=Smp_105970.1
SM_V9_3 Liftoff exon    24383577        24383962        .       +
        .       Parent=Smp_105970.1
SM_V9_3 Liftoff CDS     24380426        24380512        .       +
        0       Parent=Smp_105970.1
SM_V9_3 Liftoff CDS     24380545        24381360        .       +
        0       Parent=Smp_105970.1
SM_V9_3 Liftoff CDS     24382221        24382752        .       +
        0       Parent=Smp_105970.1
SM_V9_3 Liftoff CDS     24383577        24383695        .       +
        2       Parent=Smp_105970.1
SM_V9_3 iris    gene    24391623        24428919        .       -
        .
ID=Smp_105960;geneID=Smp_105960;gene_name=Smp_105960;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24391623        24428919        .       -
        .
ID=Smp_105960.1;Parent=Smp_105960;geneID=Smp_105960;gene_name=Smp_10
5960;owner=irisadmin@local.host;orig_id=Smp_105960.1;date_last_modif
ied=2022-07-27;Name=Smp_105960.1;product=DnaJ homolog subfamily C
member 2;date_creation=2022-07-26
SM_V9_3 iris    exon    24391623        24392115        .       -
        .       Parent=Smp_105960.1;Name=b10b225a-8bb7-42fc-92db-
fe5b8bd67105
SM_V9_3 iris    exon    24395069        24395247        .       -
        .       Parent=Smp_105960.1;Name=f500a5f2-7442-4bf2-
b9f1-71773a33dc10
SM_V9_3 iris    exon    24396362        24396469        .       -
        .       Parent=Smp_105960.1;Name=b269313d-
c2fa-4b41-8196-817398bc3d39
SM_V9_3 iris    exon    24398675        24398772        .       -
        .
Parent=Smp_105960.1;Name=5a0d9860-8dc2-4f77-8076-0b66e6bdb1dd
SM_V9_3 iris    exon    24401836        24402008        .       -
        .       Parent=Smp_105960.1;Name=7523d779-020c-4b56-
a630-9ece28986b30
SM_V9_3 iris    exon    24404044        24404116        .       -
        .       Parent=Smp_105960.1;Name=7e3e1875-261e-4024-8084-
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cc9de07c3816
SM_V9_3 iris    exon    24411522        24411787        .       -
        .
Parent=Smp_105960.1;Name=a3c0b8ac-4209-4d4a-849a-2d080befb985
SM_V9_3 iris    exon    24418007        24418220        .       -
        .       Parent=Smp_105960.1;Name=de0e138f-a102-4ec8-a07b-
e005b25632b7
SM_V9_3 iris    exon    24425085        24425150        .       -
        .       Parent=Smp_105960.1;Name=d26ef253-
bab2-42ba-8126-6d2b6db6c036
SM_V9_3 iris    exon    24426344        24426424        .       -
        .
Parent=Smp_105960.1;Name=a66dcaa2-254b-4a1f-8250-5fa71378dda7
SM_V9_3 iris    exon    24426462        24426606        .       -
        .       Parent=Smp_105960.1;Name=362c4e41-72d3-411e-
abe3-0b1b5b16ac4e
SM_V9_3 iris    exon    24428278        24428376        .       -
        .       Parent=Smp_105960.1;Name=cda94c4a-ad8b-4b11-859a-
f675df317fb9
SM_V9_3 iris    exon    24428409        24428692        .       -
        .       Parent=Smp_105960.1;Name=d8afe811-a74b-4daf-b3d1-
dc68f8d2aacb
SM_V9_3 iris    exon    24428817        24428919        .       -
        .       Parent=Smp_105960.1;Name=e8fe474e-a427-4be7-94b0-
b4f72e3b32d0
SM_V9_3 iris    CDS     24392071        24392115        .       -
        0       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24395069        24395247        .       -
        2       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24396362        24396469        .       -
        2       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24398675        24398772        .       -
        1       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24401836        24402008        .       -
        0       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24404044        24404116        .       -
        1       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24411522        24411787        .       -
        0       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24418007        24418220        .       -
        1       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24425085        24425150        .       -
        1       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24426344        24426424        .       -
        1       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24426462        24426606        .       -
        2       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24428278        24428376        .       -
        2       Parent=Smp_105960.1
SM_V9_3 iris    CDS     24428409        24428622        .       -
        0       Parent=Smp_105960.1
SM_V9_3 iris    gene    24434386        24457571        .       -
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ID=Smp_105950;geneID=Smp_105950;gene_name=Smp_105950;owner=irisadmin
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24434386        24457571        .       -
       .
ID=Smp_105950.1;Parent=Smp_105950;geneID=Smp_105950;gene_name=Smp_10
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ied=2022-07-27;Name=Smp_105950.1;product=Armadillo repeat-containing
protein 3;date_creation=2022-07-26
SM_V9_3 iris    exon    24434386        24434630        .       -
       .       Parent=Smp_105950.1;Name=308c7fd4-
f213-45be-9894-75ea07507206
SM_V9_3 iris    exon    24435884        24435976        .       -
       .       Parent=Smp_105950.1;Name=20c2040c-7c34-479b-8e14-
cae5fec8e20b
SM_V9_3 iris    exon    24436837        24436999        .       -
       .       Parent=Smp_105950.1;Name=de1a1bc5-edd1-429c-
a785-4e016d0def3e
SM_V9_3 iris    exon    24438035        24438235        .       -
       .       Parent=Smp_105950.1;Name=048c1423-b952-47a5-95df-
de64cb20ab71
SM_V9_3 iris    exon    24439883        24440021        .       -
       .       Parent=Smp_105950.1;Name=bbce57f6-00b4-4a8c-a0d2-
f96275ee87b7
SM_V9_3 iris    exon    24442703        24442827        .       -
       .
Parent=Smp_105950.1;Name=6c8db993-6b2c-4a6b-9691-83900a6d46f0
SM_V9_3 iris    exon    24443189        24443398        .       -
       .       Parent=Smp_105950.1;Name=60562f67-c710-4848-
a616-81d6d3c39017
SM_V9_3 iris    exon    24444962        24445150        .       -
       .       Parent=Smp_105950.1;Name=7d56ab0f-cff9-4b73-
bbb9-52703eaee35f
SM_V9_3 iris    exon    24445589        24445697        .       -
       .       Parent=Smp_105950.1;Name=02fc9f78-cec0-4029-
a964-41600b74dae6
SM_V9_3 iris    exon    24448453        24448605        .       -
       .
Parent=Smp_105950.1;Name=5d9838f0-3216-422b-9eae-169c48e56556
SM_V9_3 iris    exon    24451385        24451474        .       -
       .
Parent=Smp_105950.1;Name=309d79da-5d9b-4e91-984a-6453aa43c4ab
SM_V9_3 iris    exon    24452409        24452595        .       -
       .
Parent=Smp_105950.1;Name=9651e56d-9254-46d2-9bd5-630df1a46780
SM_V9_3 iris    exon    24453729        24453868        .       -
       .       Parent=Smp_105950.1;Name=60229f66-ceaf-4398-ae1a-
bc057a8f4e1c
SM_V9_3 iris    exon    24456233        24456359        .       -
       .
Parent=Smp_105950.1;Name=b84a7cd6-09a5-459f-8a58-065a7fef5b9b
SM_V9_3 iris    exon    24456394        24456569        .       -
       .       Parent=Smp_105950.1;Name=cdcf2833-61b9-43a5-
a200-723d02745444
SM_V9_3 iris    exon    24456623        24456820        .       -
       .       Parent=Smp_105950.1;Name=51962602-5d87-4d5c-
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b4aa-1014615ca974
SM_V9_3 iris    exon    24456855        24456972        .       -
        .       Parent=Smp_105950.1;Name=bf9be335-d970-4d78-8452-
bdedcac648d9
SM_V9_3 iris    exon    24457008        24457141        .       -
        .       Parent=Smp_105950.1;Name=4fce373d-
bd36-47d0-874e-6bcb6f9118f3
SM_V9_3 iris    exon    24457487        24457571        .       -
        .       Parent=Smp_105950.1;Name=98f8ec85-9133-4a1e-b3ba-
a8b803978fcd
SM_V9_3 iris    CDS     24434520        24434630        .       -
        0       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24435884        24435976        .       -
        0       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24436837        24436999        .       -
        1       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24438035        24438235        .       -
        1       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24439883        24440021        .       -
        2       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24442703        24442827        .       -
        1       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24443189        24443398        .       -
        1       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24444962        24445150        .       -
        1       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24445589        24445697        .       -
        2       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24448453        24448605        .       -
        2       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24451385        24451474        .       -
        2       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24452409        24452595        .       -
        0       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24453729        24453868        .       -
        2       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24456233        24456359        .       -
        0       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24456394        24456569        .       -
        2       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24456623        24456820        .       -
        2       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24456855        24456972        .       -
        0       Parent=Smp_105950.1
SM_V9_3 iris    CDS     24457008        24457058        .       -
        0       Parent=Smp_105950.1
SM_V9_3 Liftoff gene    24496234        24535643        .       -
        .
ID=Smp_308440;geneID=Smp_308440;previous_systematic_id=Smp_181370,Sm
p_197620,Smp_243440
SM_V9_3 Liftoff mRNA    24496234        24535643        .       -
        .
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ical protein
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SM_V9_3 Liftoff exon    24496234        24497443        .       -
        .       Parent=Smp_308440.1
SM_V9_3 Liftoff exon    24515855        24517615        .       -
        .       Parent=Smp_308440.1
SM_V9_3 Liftoff exon    24524971        24525253        .       -
        .       Parent=Smp_308440.1
SM_V9_3 Liftoff exon    24527608        24527967        .       -
        .       Parent=Smp_308440.1
SM_V9_3 Liftoff exon    24530122        24530222        .       -
        .       Parent=Smp_308440.1
SM_V9_3 Liftoff exon    24535249        24535643        .       -
        .       Parent=Smp_308440.1
SM_V9_3 Liftoff CDS     24497385        24497443        .       -
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SM_V9_3 Liftoff CDS     24515855        24517615        .       -
        2       Parent=Smp_308440.1
SM_V9_3 Liftoff CDS     24524971        24525253        .       -
        0       Parent=Smp_308440.1
SM_V9_3 Liftoff CDS     24527608        24527967        .       -
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SM_V9_3 Liftoff CDS     24530122        24530222        .       -
        2       Parent=Smp_308440.1
SM_V9_3 Liftoff CDS     24535249        24535522        .       -
        0       Parent=Smp_308440.1
SM_V9_3 iris    gene    24541476        24576839        .       +
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ID=Smp_105930;geneID=Smp_105930;gene_name=Smp_105930;owner=irisadmin
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SM_V9_3 iris    mRNA    24541476        24576839        .       +
        .
ID=Smp_105930.1;Parent=Smp_105930;geneID=Smp_105930;gene_name=Smp_10
5930;owner=irisadmin@local.host;orig_id=Smp_105930.1;date_last_modif
ied=2022-07-27;Name=Smp_105930.1;product=Protein RRP5
homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    24541476        24541725        .       +
        .       Parent=Smp_105930.1;Name=97e0b4b7-
a0d8-4e88-943b-0931643fdbfc
SM_V9_3 iris    exon    24541761        24542031        .       +
        .       Parent=Smp_105930.1;Name=e28cfb30-84dd-44c1-
a9fa-0b9eea5424e5
SM_V9_3 iris    exon    24542066        24542184        .       +
        .       Parent=Smp_105930.1;Name=899111e9-34fd-49b5-aa9f-
cddb40280460
SM_V9_3 iris    exon    24542220        24542393        .       +
        .       Parent=Smp_105930.1;Name=9289bfac-32f4-4ee5-
b708-84a2497cfc12
SM_V9_3 iris    exon    24544391        24544612        .       +
        .       Parent=Smp_105930.1;Name=8d79edcf-3d10-448f-
b8cf-8bf71c25025b
SM_V9_3 iris    exon    24545595        24545716        .       +
        .       Parent=Smp_105930.1;Name=271e0410-
cf9c-4d56-9877-18ca3e98e057
SM_V9_3 iris    exon    24546724        24546784        .       +
        .       Parent=Smp_105930.1;Name=93174616-5837-450f-
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b3f0-2adf4ee7aed8
SM_V9_3 iris    exon    24549101        24549247        .       +
        .       Parent=Smp_105930.1;Name=42f1c014-6276-49ff-
bde1-1464c7cb32eb
SM_V9_3 iris    exon    24550956        24551330        .       +
        .
Parent=Smp_105930.1;Name=d68e0350-7cfa-4a89-900c-5412b9f351ca
SM_V9_3 iris    exon    24552156        24552218        .       +
        .       Parent=Smp_105930.1;Name=ce0c8177-bf54-45c3-
a2df-944b75326ae6
SM_V9_3 iris    exon    24554214        24554597        .       +
        .       Parent=Smp_105930.1;Name=08d0e978-6182-4357-9bb6-
c8eb38143deb
SM_V9_3 iris    exon    24555141        24555459        .       +
        .       Parent=Smp_105930.1;Name=21d06e78-09e0-4cb6-93f7-
e0d2d100ede3
SM_V9_3 iris    exon    24556477        24556960        .       +
        .       Parent=Smp_105930.1;Name=d86ebc05-eb85-420c-
b47a-36ef93bf717a
SM_V9_3 iris    exon    24559042        24559496        .       +
        .
Parent=Smp_105930.1;Name=ed94ffff-393a-4626-8d2c-0093bba798de
SM_V9_3 iris    exon    24561848        24562211        .       +
        .       Parent=Smp_105930.1;Name=4b83a853-331c-42bc-
afdb-44b0c7350cea
SM_V9_3 iris    exon    24563196        24563309        .       +
        .       Parent=Smp_105930.1;Name=c007c5fe-158c-44c8-b7c2-
fabbcc02d414
SM_V9_3 iris    exon    24564148        24564261        .       +
        .       Parent=Smp_105930.1;Name=c51f1c36-2c90-4bc2-
bac5-0fb2dfe01891
SM_V9_3 iris    exon    24565935        24566662        .       +
        .       Parent=Smp_105930.1;Name=634e79ef-
d229-4833-859f-6705451114f6
SM_V9_3 iris    exon    24567318        24567874        .       +
        .       Parent=Smp_105930.1;Name=89966d02-26af-4ac3-a778-
c82bbf2b0b98
SM_V9_3 iris    exon    24574045        24574217        .       +
        .       Parent=Smp_105930.1;Name=63c365a8-a155-48c4-
b831-5d5cabe9e240
SM_V9_3 iris    exon    24575970        24576116        .       +
        .       Parent=Smp_105930.1;Name=b6b86920-5623-4eb8-bb09-
aaa90b177e8c
SM_V9_3 iris    exon    24576619        24576839        .       +
        .       Parent=Smp_105930.1;Name=82f193de-97da-4d7e-
bb77-1800ed624f24
SM_V9_3 iris    CDS     24541564        24541725        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24541761        24542031        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24542066        24542184        .       +
        2       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24542220        24542393        .       +
        0       Parent=Smp_105930.1
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SM_V9_3 iris    CDS     24544391        24544612        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24545595        24545716        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24546724        24546784        .       +
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SM_V9_3 iris    CDS     24549101        24549247        .       +
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SM_V9_3 iris    CDS     24550956        24551330        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24552156        24552218        .       +
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SM_V9_3 iris    CDS     24554214        24554597        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24555141        24555459        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24556477        24556960        .       +
        2       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24559042        24559496        .       +
        1       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24561848        24562211        .       +
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SM_V9_3 iris    CDS     24563196        24563309        .       +
        1       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24564148        24564261        .       +
        1       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24565935        24566662        .       +
        1       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24567318        24567874        .       +
        2       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24574045        24574217        .       +
        0       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24575970        24576116        .       +
        1       Parent=Smp_105930.1
SM_V9_3 iris    CDS     24576619        24576706        .       +
        1       Parent=Smp_105930.1
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        .       ID=Smp_105910;geneID=Smp_105910
SM_V9_3 Liftoff mRNA    24629838        24649903        .       -
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Acetyltransferase, CBP/p300 family;evidence=Traceable Author
Statement;literature=PMID:16427147;polypeptide_domain=InterPro:IPR00
0197,IPR000433,IPR001487,IPR003101,IPR010303,IPR013178,IPR018359,IPR
019786,IPR031162
Pfam:PF00439,PF00569,PF02135,PF02172,PF06001,PF08214;Ontology_term=G
O:0003712,GO:0004402,GO:0005515,GO:0005634,GO:0006355,GO:0008270,GO:
0016573
SM_V9_3 Liftoff exon    24629838        24632072        .       -
        .       Parent=Smp_105910.1
SM_V9_3 Liftoff exon    24632492        24634237        .       -
        .       Parent=Smp_105910.1
SM_V9_3 Liftoff exon    24636843        24637722        .       -
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SM_V9_3 Liftoff exon    24637769        24637873        .       -
        .       Parent=Smp_105910.1
SM_V9_3 Liftoff exon    24637907        24638064        .       -
        .       Parent=Smp_105910.1
SM_V9_3 Liftoff exon    24638103        24639234        .       -
        .       Parent=Smp_105910.1
SM_V9_3 Liftoff exon    24648323        24649903        .       -
        .       Parent=Smp_105910.1
SM_V9_3 Liftoff CDS     24631026        24632072        .       -
        0       Parent=Smp_105910.1
SM_V9_3 Liftoff CDS     24632492        24634237        .       -
        0       Parent=Smp_105910.1
SM_V9_3 Liftoff CDS     24636843        24637722        .       -
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SM_V9_3 Liftoff CDS     24637769        24637873        .       -
        1       Parent=Smp_105910.1
SM_V9_3 Liftoff CDS     24637907        24638064        .       -
        0       Parent=Smp_105910.1
SM_V9_3 Liftoff CDS     24638103        24639234        .       -
        1       Parent=Smp_105910.1
SM_V9_3 Liftoff CDS     24648323        24649536        .       -
        0       Parent=Smp_105910.1
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        .
ID=Smp_246550;geneID=Smp_246550;gene_name=Smp_246550;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    24663137        24720623        .       +
        .
ID=Smp_246550.1;Parent=Smp_246550;geneID=Smp_246550;gene_name=Smp_24
6550;owner=irisadmin@local.host;orig_id=Smp_246550.1;date_last_modif
ied=2022-07-27;Name=Smp_246550.1;product=Huntingtin-interacting
protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    24663137        24663257        .       +
        .       Parent=Smp_246550.1;Name=6f427dbb-bdde-4361-
a405-67623f6cf459
SM_V9_3 iris    exon    24663291        24663497        .       +
        .
Parent=Smp_246550.1;Name=0e591428-8ff4-4218-93ac-701f1ab6b16e
SM_V9_3 iris    exon    24663546        24663602        .       +
        .       Parent=Smp_246550.1;Name=30a3098c-f224-4eb7-a152-
f7ad319b69fa
SM_V9_3 iris    exon    24663637        24663717        .       +
        .       Parent=Smp_246550.1;Name=59c56b3b-d366-42a9-b0ac-
f445582d5942
SM_V9_3 iris    exon    24663753        24663829        .       +
        .       Parent=Smp_246550.1;Name=cfd0427a-
f400-4955-8f2c-4d2471dd24bc
SM_V9_3 iris    exon    24665269        24665605        .       +
        .       Parent=Smp_246550.1;Name=9840760b-ce61-4d0a-828c-
acc6b0cabc3b
SM_V9_3 iris    exon    24668633        24668947        .       +
        .       Parent=Smp_246550.1;Name=2a70b657-74e9-4ce2-b282-
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SM_V9_3 iris    exon    24671001        24671161        .       +
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SM_V9_3 iris    exon    24681683        24681743        .       +
        .
Parent=Smp_246550.1;Name=526e4e57-1609-4cbb-9c8d-9e061db966eb
SM_V9_3 iris    exon    24682951        24683043        .       +
        .
Parent=Smp_246550.1;Name=23508c94-0b4a-4644-8c8b-636d6a00c23c
SM_V9_3 iris    exon    24688620        24688748        .       +
        .       Parent=Smp_246550.1;Name=fa1e591c-3c76-45ab-8280-
b99aa94f3a51
SM_V9_3 iris    exon    24690981        24691049        .       +
        .       Parent=Smp_246550.1;Name=3bc36f18-82fc-46b3-90e1-
db5fd611c69e
SM_V9_3 iris    exon    24695362        24695526        .       +
        .       Parent=Smp_246550.1;Name=9e79df0c-16c3-435e-afa8-
cc6adba7170b
SM_V9_3 iris    exon    24701101        24701461        .       +
        .       Parent=Smp_246550.1;Name=9fd91bb2-
cf26-41a7-8e23-0f315dcc4cbe
SM_V9_3 iris    exon    24702823        24702912        .       +
        .       Parent=Smp_246550.1;Name=14c71171-7fdf-4832-a1e0-
c848b4b1b348
SM_V9_3 iris    exon    24704263        24704373        .       +
        .       Parent=Smp_246550.1;Name=110f47d6-34d1-4341-
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SM_V9_3 iris    exon    24708389        24708699        .       +
        .       Parent=Smp_246550.1;Name=2b4a8cd3-9cf9-44d5-9ce9-
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SM_V9_3 iris    exon    24709318        24709461        .       +
        .       Parent=Smp_246550.1;Name=7bef3c5e-a062-4c4f-8ad9-
e43520b0dbd6
SM_V9_3 iris    exon    24711997        24712097        .       +
        .
Parent=Smp_246550.1;Name=e7d59f3b-33d6-4b4d-8710-965643117cfd
SM_V9_3 iris    exon    24713649        24713881        .       +
        .       Parent=Smp_246550.1;Name=cff1a3b8-2e65-4332-
bf84-84fa9d53b278
SM_V9_3 iris    exon    24715658        24715812        .       +
        .
Parent=Smp_246550.1;Name=5f665904-1ac8-415e-847b-432110e9d1aa
SM_V9_3 iris    exon    24719528        24720623        .       +
        .
Parent=Smp_246550.1;Name=2d598537-41a0-4cf6-99cd-96cbe2c9d901
SM_V9_3 iris    CDS     24663189        24663257        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24663291        24663497        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24663546        24663602        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24663637        24663717        .       +
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SM_V9_3 iris    CDS     24663753        24663829        .       +
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SM_V9_3 iris    CDS     24665269        24665605        .       +
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SM_V9_3 iris    CDS     24668633        24668947        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24671001        24671161        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24681683        24681743        .       +
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SM_V9_3 iris    CDS     24682951        24683043        .       +
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SM_V9_3 iris    CDS     24688620        24688748        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24690981        24691049        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24695362        24695526        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24701101        24701461        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24702823        24702912        .       +
        2       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24704263        24704373        .       +
        2       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24708389        24708699        .       +
        2       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24709318        24709461        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24711997        24712097        .       +
        0       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24713649        24713881        .       +
        1       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24715658        24715812        .       +
        2       Parent=Smp_246550.1
SM_V9_3 iris    CDS     24719528        24719545        .       +
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SM_V9_3 Liftoff gene    24723660        24727023        .       -
        .       ID=Smp_105860;geneID=Smp_105860
SM_V9_3 Liftoff mRNA    24723660        24727023        .       -
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coactivator 1;evidence=Traceable Author
Statement;literature=PMID:18359485;polypeptide_domain=InterPro:IPR00
4015 Pfam:PF02731;Ontology_term=GO:0000398,GO:0005681
SM_V9_3 Liftoff exon    24723660        24724312        .       -
        .       Parent=Smp_105860.1
SM_V9_3 Liftoff exon    24724348        24725000        .       -
        .       Parent=Smp_105860.1
SM_V9_3 Liftoff exon    24725036        24725247        .       -
        .       Parent=Smp_105860.1
SM_V9_3 Liftoff exon    24725273        24725675        .       -
        .       Parent=Smp_105860.1
SM_V9_3 Liftoff exon    24726976        24727023        .       -
        .       Parent=Smp_105860.1
SM_V9_3 Liftoff CDS     24723966        24724312        .       -
        2       Parent=Smp_105860.1
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SM_V9_3 Liftoff CDS     24724348        24725000        .       -
        1       Parent=Smp_105860.1
SM_V9_3 Liftoff CDS     24725036        24725247        .       -
        0       Parent=Smp_105860.1
SM_V9_3 Liftoff CDS     24725273        24725675        .       -
        1       Parent=Smp_105860.1
SM_V9_3 Liftoff CDS     24726976        24726989        .       -
        0       Parent=Smp_105860.1
SM_V9_3 Liftoff gene    24734417        24757958        .       +
        .
ID=Smp_246540;geneID=Smp_246540;previous_systematic_id=Smp_181340
SM_V9_3 Liftoff mRNA    24734417        24757958        .       +
        .
ID=Smp_246540.1;Parent=Smp_246540;geneID=Smp_246540;product=Cytosoli
c carboxypeptidase-like protein
5;polypeptide_domain=InterPro:IPR000834
Pfam:PF00246;Ontology_term=GO:0004181,GO:0006508,GO:0008270
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SM_V9_3 Liftoff exon    24737968        24738601        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24739559        24740062        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24740996        24741855        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24743848        24744398        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24745011        24745372        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24746888        24747086        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24750721        24751103        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24753593        24754203        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24755018        24755285        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff exon    24756905        24757958        .       +
        .       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24734473        24734900        .       +
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SM_V9_3 Liftoff CDS     24737968        24738601        .       +
        1       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24739559        24740062        .       +
        0       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24740996        24741855        .       +
        0       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24743848        24744398        .       +
        1       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24745011        24745372        .       +
        2       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24746888        24747086        .       +
        0       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24750721        24751103        .       +
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SM_V9_3 Liftoff CDS     24755018        24755285        .       +
        1       Parent=Smp_246540.1
SM_V9_3 Liftoff CDS     24756905        24757438        .       +
        0       Parent=Smp_246540.1
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        .
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SM_V9_3 Liftoff mRNA    24766947        24773170        .       +
        .
ID=Smp_246530.1;Parent=Smp_246530;geneID=Smp_246530;product=RING
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370 Pfam:PF13445
SM_V9_3 Liftoff exon    24766947        24767140        .       +
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SM_V9_3 Liftoff exon    24767175        24767307        .       +
        .       Parent=Smp_246530.1
SM_V9_3 Liftoff exon    24767342        24767447        .       +
        .       Parent=Smp_246530.1
SM_V9_3 Liftoff exon    24767481        24767590        .       +
        .       Parent=Smp_246530.1
SM_V9_3 Liftoff exon    24767630        24767740        .       +
        .       Parent=Smp_246530.1
SM_V9_3 Liftoff exon    24771208        24773170        .       +
        .       Parent=Smp_246530.1
SM_V9_3 Liftoff CDS     24767116        24767140        .       +
        0       Parent=Smp_246530.1
SM_V9_3 Liftoff CDS     24767175        24767307        .       +
        2       Parent=Smp_246530.1
SM_V9_3 Liftoff CDS     24767342        24767447        .       +
        1       Parent=Smp_246530.1
SM_V9_3 Liftoff CDS     24767481        24767590        .       +
        0       Parent=Smp_246530.1
SM_V9_3 Liftoff CDS     24767630        24767740        .       +
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SM_V9_3 Liftoff CDS     24771208        24771541        .       +
        1       Parent=Smp_246530.1
SM_V9_3 Liftoff gene    24776372        24866713        .       -
        .
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SM_V9_3 Liftoff mRNA    24776372        24866713        .       -
        .
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brane cell adhesion receptor
mua-3;polypeptide_domain=InterPro:IPR000082
SM_V9_3 Liftoff exon    24776372        24779333        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24780503        24780740        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24782968        24783092        .       -
        .       Parent=Smp_308470.1
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SM_V9_3 Liftoff exon    24785548        24785586        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24788090        24788158        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24788804        24789059        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24790163        24790272        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24791004        24791033        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24800079        24800147        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24800793        24801048        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24802152        24802261        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24802993        24803022        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24804757        24804780        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24808157        24808255        .       -
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        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24860503        24860758        .       -
        .       Parent=Smp_308470.1
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        .       Parent=Smp_308470.1
SM_V9_3 Liftoff exon    24862703        24866713        .       -
        .       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24779125        24779333        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24780503        24780740        .       -
        0       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24782968        24783092        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24785548        24785586        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24788090        24788158        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24788804        24789059        .       -
        0       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24790163        24790272        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24791004        24791033        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24800079        24800147        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24800793        24801048        .       -
        0       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24802152        24802261        .       -
        2       Parent=Smp_308470.1
SM_V9_3 Liftoff CDS     24802993        24803022        .       -
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SM_V9_3 Liftoff CDS     24804757        24804780        .       -
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SM_V9_3 Liftoff CDS     24844883        24844951        .       -
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        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24782968        24783092        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24785548        24785586        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24788090        24788158        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24788804        24789059        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24790163        24790272        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24791004        24791033        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24791554        24791652        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24800079        24800147        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24800793        24801048        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24802152        24802261        .       -
        .       Parent=Smp_308470.2
SM_V9_3 Liftoff exon    24802993        24803022        .       -
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SM_V9_3 Liftoff exon    24804757        24804780        .       -
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SM_V9_3 Liftoff exon    24808157        24808255        .       -
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SM_V9_3 Liftoff exon    24844883        24844951        .       -
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        2       Parent=Smp_308470.2
SM_V9_3 Liftoff CDS     24788804        24789059        .       -
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SM_V9_3 Liftoff CDS     24791004        24791033        .       -
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SM_V9_3 Liftoff CDS     24808157        24808255        .       -
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SM_V9_3 Liftoff CDS     24845597        24845819        .       -
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SM_V9_3 Liftoff CDS     24851716        24851829        .       -
        2       Parent=Smp_308470.2
SM_V9_3 Liftoff CDS     24859789        24859857        .       -
        2       Parent=Smp_308470.2
SM_V9_3 Liftoff CDS     24860503        24860758        .       -
        0       Parent=Smp_308470.2
SM_V9_3 Liftoff CDS     24861862        24861971        .       -
        2       Parent=Smp_308470.2
SM_V9_3 Liftoff CDS     24862703        24862799        .       -
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SM_V9_3 Liftoff exon    24890561        24890816        .       -
        .       Parent=Smp_308480.2
SM_V9_3 Liftoff exon    24891838        24891947        .       -
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SM_V9_3 Liftoff exon    24892679        24895551        .       -
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SM_V9_3 Liftoff CDS     24889839        24889915        .       -
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SM_V9_3 Liftoff exon    24892679        24895551        .       -
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SM_V9_3 Liftoff CDS     24890547        24890816        .       -
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SM_V9_3 Liftoff CDS     24891838        24891947        .       -
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SM_V9_3 Liftoff CDS     24892679        24892775        .       -
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polypeptide_domain=InterPro:IPR000082 Pfam:PF01390
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SM_V9_3 Liftoff exon    24898901        24899165        .       -
        .       Parent=Smp_308490.1
SM_V9_3 Liftoff exon    24904123        24904232        .       -
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SM_V9_3 Liftoff exon    24911434        24911552        .       -
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SM_V9_3 Liftoff exon    24912326        24915541        .       -
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SM_V9_3 Liftoff CDS     24904123        24904232        .       -
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SM_V9_3 Liftoff CDS     24905985        24906089        .       -
        2       Parent=Smp_308490.1
SM_V9_3 Liftoff CDS     24910072        24910321        .       -
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ied=2022-08-15;Name=Smp_347300.1;product=Putative ribosome
biogenesis protein C8F11.04;date_creation=2022-08-15
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SM_V9_3 iris    exon    24932231        24932738        .       -
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SM_V9_3 iris    exon    24937105        24937728        .       -
        .       Parent=Smp_347300.1;Name=5d9f0087-a82d-45bc-8d54-
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SM_V9_3 iris    exon    24939539        24939572        .       -
        .       Parent=Smp_347300.1;Name=ccdd23c7-8bd0-4624-be82-
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SM_V9_3 iris    CDS     24937105        24937728        .       -
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SM_V9_3 Liftoff mRNA    24950832        24955315        .       +
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SM_V9_3 Liftoff exon    24953793        24953943        .       +
        .       Parent=Smp_181290.1
SM_V9_3 Liftoff exon    24954622        24955315        .       +
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        0       Parent=Smp_181290.1
SM_V9_3 Liftoff CDS     24953793        24953943        .       +
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SM_V9_3 Liftoff CDS     24954622        24954671        .       +
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        .       Parent=Smp_246520.1;Name=00850cb8-3228-4fee-
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SM_V9_3 iris    exon    24963452        24963605        .       -
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SM_V9_3 iris    exon    24966534        24966705        .       -
        .       Parent=Smp_246520.1;Name=4b05b6cf-695d-46a5-
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SM_V9_3 iris    exon    24977092        24977249        .       -
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SM_V9_3 iris    exon    24980728        24980885        .       -
        .       Parent=Smp_246520.1;Name=56f4d33e-
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SM_V9_3 iris    CDS     24966534        24966705        .       -
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SM_V9_3 Liftoff exon    24994395        24994839        .       +
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SM_V9_3 Liftoff CDS     24994169        24994361        .       +
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SM_V9_3 Liftoff CDS     24994395        24994426        .       +
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SM_V9_3 Liftoff gene    25012152        25041592        .       +
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        .
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        .       Parent=Smp_341430.1
SM_V9_3 Liftoff exon    25035713        25035977        .       +
        .       Parent=Smp_341430.1
SM_V9_3 Liftoff exon    25037653        25038059        .       +
        .       Parent=Smp_341430.1
SM_V9_3 Liftoff exon    25039293        25039592        .       +
        .       Parent=Smp_341430.1
SM_V9_3 Liftoff exon    25039943        25040434        .       +
        .       Parent=Smp_341430.1
SM_V9_3 Liftoff exon    25041035        25041592        .       +
        .       Parent=Smp_341430.1
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SM_V9_3 Liftoff CDS     25039293        25039592        .       +
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SM_V9_3 Liftoff CDS     25039943        25040434        .       +
        0       Parent=Smp_341430.1
SM_V9_3 Liftoff CDS     25041035        25041319        .       +
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SM_V9_3 iris    CDS     25052200        25052288        .       -
        2       Parent=Smp_085080.1
SM_V9_3 iris    CDS     25052330        25052406        .       -
        1       Parent=Smp_085080.1
SM_V9_3 iris    CDS     25055044        25055168        .       -
        0       Parent=Smp_085080.1
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SM_V9_3 iris    CDS     25055804        25055858        .       -
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SM_V9_3 iris    gene    25068312        25075411        .       +
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SM_V9_3 iris    mRNA    25068312        25075411        .       +
        .
ID=Smp_168330.1;Parent=Smp_168330;geneID=Smp_168330;gene_name=Smp_16
8330;owner=irisadmin@local.host;orig_id=Smp_168330.1;date_last_modif
ied=2022-07-27;Name=Smp_168330.1;product=Trafficking protein
particle complex subunit 2;date_creation=2022-07-27
SM_V9_3 iris    exon    25068312        25068438        .       +
        .       Parent=Smp_168330.1;Name=7c326127-
fc74-4cf3-8a52-48db4d3129fa
SM_V9_3 iris    exon    25068475        25068622        .       +
        .       Parent=Smp_168330.1;Name=4b206b07-3b9f-4d7f-be7d-
ff30fb22e66b
SM_V9_3 iris    exon    25069990        25070075        .       +
        .       Parent=Smp_168330.1;Name=26255125-c6c6-4bb7-
ac08-1cb27db07a9a
SM_V9_3 iris    exon    25070115        25070250        .       +
        .       Parent=Smp_168330.1;Name=2d73e65b-09df-461d-
a64a-52fde3e5f5d3
SM_V9_3 iris    exon    25074138        25075411        .       +
        .       Parent=Smp_168330.1;Name=d572ecba-fb9f-4d60-96f6-
a8f713b03590
SM_V9_3 iris    CDS     25068343        25068438        .       +
        0       Parent=Smp_168330.1
SM_V9_3 iris    CDS     25068475        25068622        .       +
        0       Parent=Smp_168330.1
SM_V9_3 iris    CDS     25069990        25070075        .       +
        2       Parent=Smp_168330.1
SM_V9_3 iris    CDS     25070115        25070210        .       +
        0       Parent=Smp_168330.1
SM_V9_3 iris    gene    25085949        25093199        .       +
        .
ID=Smp_085110;geneID=Smp_085110;gene_name=Smp_085110;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    25085949        25093199        .       +
        .
ID=Smp_085110.1;Parent=Smp_085110;geneID=Smp_085110;gene_name=Smp_08
5110;owner=irisadmin@local.host;orig_id=Smp_085110.1;date_last_modif
ied=2022-07-27;Name=Smp_085110.1;product=Dihydropyrimidinase-related
protein 2;date_creation=2022-07-27
SM_V9_3 iris    exon    25085949        25086056        .       +
        .       Parent=Smp_085110.1;Name=47cc4bbe-6204-44df-b3cf-
eeed6ca520de
SM_V9_3 iris    exon    25086092        25086186        .       +
        .       Parent=Smp_085110.1;Name=6626d752-1eba-4dad-
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be02-71e0d957aa08
SM_V9_3 iris    exon    25086218        25086291        .       +
        .       Parent=Smp_085110.1;Name=991cb849-0a83-4556-a4ce-
d3f14aca8c65
SM_V9_3 iris    exon    25086336        25086446        .       +
        .       Parent=Smp_085110.1;Name=b2fff651-46fb-45da-be55-
d3157b0947e3
SM_V9_3 iris    exon    25086478        25086851        .       +
        .
Parent=Smp_085110.1;Name=8b571dde-7bb9-4188-9aad-868e05901e8f
SM_V9_3 iris    exon    25088714        25089133        .       +
        .       Parent=Smp_085110.1;Name=8e2e680e-
d1e1-42c2-8ab7-33abd21c40ba
SM_V9_3 iris    exon    25089191        25089541        .       +
        .       Parent=Smp_085110.1;Name=54082c9c-
aecb-4250-9267-4a616503e4a7
SM_V9_3 iris    exon    25090544        25090742        .       +
        .       Parent=Smp_085110.1;Name=7e3d7115-90bc-47bc-
aee1-95c732f19321
SM_V9_3 iris    exon    25092831        25093199        .       +
        .       Parent=Smp_085110.1;Name=b08b5350-595c-4d49-bdee-
b171f554d7d9
SM_V9_3 iris    CDS     25086003        25086056        .       +
        0       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25086092        25086186        .       +
        0       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25086218        25086291        .       +
        1       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25086336        25086446        .       +
        2       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25086478        25086851        .       +
        2       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25088714        25089133        .       +
        0       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25089191        25089541        .       +
        0       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25090544        25090742        .       +
        0       Parent=Smp_085110.1
SM_V9_3 iris    CDS     25092831        25092916        .       +
        2       Parent=Smp_085110.1
SM_V9_3 iris    gene    25093579        25132734        .       -
        .
ID=Smp_168340;geneID=Smp_168340;gene_name=Smp_168340;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    25093579        25132734        .       -
        .
ID=Smp_168340.1;Parent=Smp_168340;geneID=Smp_168340;gene_name=Smp_16
8340;owner=irisadmin@local.host;orig_id=Smp_168340.1;date_last_modif
ied=2022-07-27;Name=Smp_168340.1;product=Protein cramped-
like;date_creation=2022-07-27
SM_V9_3 iris    exon    25093579        25093952        .       -
        .       Parent=Smp_168340.1;Name=d262f820-b776-4db0-
be66-0a43c0d3e587
SM_V9_3 iris    exon    25096522        25096667        .       -
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        .       Parent=Smp_168340.1;Name=13c8611b-c0af-4e83-
b86c-2abe4fb63929
SM_V9_3 iris    exon    25102366        25103038        .       -
        .       Parent=Smp_168340.1;Name=347ab871-23bb-4fd2-
a1ca-48db13e426dc
SM_V9_3 iris    exon    25103946        25104392        .       -
        .       Parent=Smp_168340.1;Name=735e0cb7-9b29-45e8-
a7f6-76e938cb79f1
SM_V9_3 iris    exon    25105168        25105605        .       -
        .       Parent=Smp_168340.1;Name=5a7077d3-764e-427e-
b76a-6106cfabcdf3
SM_V9_3 iris    exon    25106037        25106276        .       -
        .
Parent=Smp_168340.1;Name=3701a874-3eda-4312-8e9a-7fbfca0b50c8
SM_V9_3 iris    exon    25109256        25109467        .       -
        .       Parent=Smp_168340.1;Name=bf149249-dac2-4258-
a3c2-199df41b9250
SM_V9_3 iris    exon    25114736        25114943        .       -
        .       Parent=Smp_168340.1;Name=839b5be6-7b0d-4a8b-
b60a-8a97a81c4818
SM_V9_3 iris    exon    25116781        25116971        .       -
        .       Parent=Smp_168340.1;Name=83984b9a-5368-403a-
ad5a-4694b3b95cbe
SM_V9_3 iris    exon    25117989        25118074        .       -
        .
Parent=Smp_168340.1;Name=d4e0996d-28d1-4380-88d1-873b1aa56f22
SM_V9_3 iris    exon    25120110        25120158        .       -
        .       Parent=Smp_168340.1;Name=0fbaeb43-398b-49d7-
be65-11b05f905bec
SM_V9_3 iris    exon    25126589        25127009        .       -
        .       Parent=Smp_168340.1;Name=7bd171c1-60d7-4c40-
a5b5-3807e697a367
SM_V9_3 iris    exon    25127153        25127226        .       -
        .       Parent=Smp_168340.1;Name=cd6c67d3-
c35a-4252-8c2e-76b6721455a9
SM_V9_3 iris    exon    25127264        25127618        .       -
        .       Parent=Smp_168340.1;Name=42b12cea-
fd2f-4dab-8707-5281b5fc9d22
SM_V9_3 iris    exon    25132568        25132734        .       -
        .       Parent=Smp_168340.1;Name=97302221-fff3-4db6-
b7b1-0329e1869c48
SM_V9_3 iris    CDS     25093791        25093952        .       -
        0       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25096522        25096667        .       -
        2       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25102366        25103038        .       -
        0       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25103946        25104392        .       -
        0       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25105168        25105605        .       -
        0       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25106037        25106276        .       -
        0       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25109256        25109467        .       -
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        2       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25114736        25114943        .       -
        0       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25116781        25116971        .       -
        2       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25117989        25118074        .       -
        1       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25120110        25120158        .       -
        2       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25126589        25127009        .       -
        0       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25127153        25127226        .       -
        2       Parent=Smp_168340.1
SM_V9_3 iris    CDS     25127264        25127525        .       -
        0       Parent=Smp_168340.1
SM_V9_3 Liftoff gene    25144042        25144600        .       +
        .
ID=Smp_168350;geneID=Smp_168350;previous_systematic_id=Smp_010160,Sm
p_168350,Smp_246490
SM_V9_3 Liftoff mRNA    25144042        25144600        .       +
        .
ID=Smp_168350.1;Parent=Smp_168350;geneID=Smp_168350;product=Protein
SGT1 homolog;polypeptide_domain=InterPro:IPR007052,IPR008978
Pfam:PF04969
SM_V9_3 Liftoff exon    25144042        25144114        .       +
        .       Parent=Smp_168350.1
SM_V9_3 Liftoff exon    25144156        25144252        .       +
        .       Parent=Smp_168350.1
SM_V9_3 Liftoff exon    25144292        25144600        .       +
        .       Parent=Smp_168350.1
SM_V9_3 Liftoff CDS     25144095        25144114        .       +
        0       Parent=Smp_168350.1
SM_V9_3 Liftoff CDS     25144156        25144252        .       +
        1       Parent=Smp_168350.1
SM_V9_3 Liftoff CDS     25144292        25144513        .       +
        0       Parent=Smp_168350.1
SM_V9_3 Liftoff gene    25178712        25187103        .       +
        .
ID=Smp_010160;geneID=Smp_010160;previous_systematic_id=Smp_010160,Sm
p_168350,Smp_246490
SM_V9_3 Liftoff mRNA    25178712        25187103        .       +
        .
ID=Smp_010160.1;Parent=Smp_010160;geneID=Smp_010160;product=Protein
SGT1
homolog;polypeptide_domain=InterPro:IPR007052,IPR007699,IPR008978
Pfam:PF04969,PF05002
SM_V9_3 Liftoff exon    25178712        25178809        .       +
        .       Parent=Smp_010160.1
SM_V9_3 Liftoff exon    25178851        25178947        .       +
        .       Parent=Smp_010160.1
SM_V9_3 Liftoff exon    25178987        25179176        .       +
        .       Parent=Smp_010160.1
SM_V9_3 Liftoff exon    25183080        25183267        .       +
        .       Parent=Smp_010160.1
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SM_V9_3 Liftoff exon    25186930        25187103        .       +
        .       Parent=Smp_010160.1
SM_V9_3 Liftoff CDS     25178790        25178809        .       +
        0       Parent=Smp_010160.1
SM_V9_3 Liftoff CDS     25178851        25178947        .       +
        1       Parent=Smp_010160.1
SM_V9_3 Liftoff CDS     25178987        25179176        .       +
        0       Parent=Smp_010160.1
SM_V9_3 Liftoff CDS     25183080        25183267        .       +
        2       Parent=Smp_010160.1
SM_V9_3 Liftoff CDS     25186930        25187037        .       +
        0       Parent=Smp_010160.1
SM_V9_3 iris    gene    25187979        25216978        .       -
        .
ID=Smp_347810;geneID=Smp_347810;gene_name=Smp_347810;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25187979        25216978        .       -
        .
ID=Smp_347810.1;Parent=Smp_347810;geneID=Smp_347810;gene_name=Smp_34
7810;owner=irisadmin@local.host;orig_id=Smp_347810.1;date_last_modif
ied=2022-07-27;Name=Smp_347810.1;product=tbc1 domain family member
19;date_creation=2022-07-26
SM_V9_3 iris    exon    25187979        25188192        .       -
        .       Parent=Smp_347810.1;Name=93f1fb52-ccc8-47d3-
a078-3753a1ba5900
SM_V9_3 iris    exon    25190587        25190657        .       -
        .       Parent=Smp_347810.1;Name=b02dd60f-f0e0-4b5b-9cae-
e03fbb1e5047
SM_V9_3 iris    exon    25191777        25191892        .       -
        .       Parent=Smp_347810.1;Name=1c225355-d08f-42b7-affd-
ce382eadb713
SM_V9_3 iris    exon    25199249        25199340        .       -
        .       Parent=Smp_347810.1;Name=33d87893-eb6b-4ac6-
a0b8-370173e4769a
SM_V9_3 iris    exon    25199589        25199698        .       -
        .       Parent=Smp_347810.1;Name=bac060c1-e71e-456e-986b-
eac028afc9fa
SM_V9_3 iris    exon    25201747        25201897        .       -
        .       Parent=Smp_347810.1;Name=57ea44db-2f0f-434e-93e2-
dad3b3cfa52d
SM_V9_3 iris    exon    25205043        25205105        .       -
        .       Parent=Smp_347810.1;Name=11929b7e-f3e9-4ab7-
aaa0-0947b737466a
SM_V9_3 iris    exon    25205164        25205238        .       -
        .       Parent=Smp_347810.1;Name=6514bdf7-d915-48d6-98c4-
cf693f1f320a
SM_V9_3 iris    exon    25207901        25208013        .       -
        .       Parent=Smp_347810.1;Name=904e8b55-c260-4f7a-
b38f-4530a9b77461
SM_V9_3 iris    exon    25208074        25208176        .       -
        .       Parent=Smp_347810.1;Name=5a8136e0-0c57-4d3c-a564-
f0ed2b1937dc
SM_V9_3 iris    exon    25208215        25208287        .       -
        .       Parent=Smp_347810.1;Name=9eba6209-7ca7-46a6-9ccb-
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fce3e383c40f
SM_V9_3 iris    exon    25208339        25208432        .       -
        .       Parent=Smp_347810.1;Name=d8c31417-2714-4bf0-9d66-
db56a08b498f
SM_V9_3 iris    exon    25208491        25208554        .       -
        .       Parent=Smp_347810.1;Name=b82f733e-2c10-4a54-81d4-
e2b6233c37f7
SM_V9_3 iris    exon    25208604        25208678        .       -
        .       Parent=Smp_347810.1;Name=f667e3b0-d647-4fb3-
b0db-9d97e4804ee6
SM_V9_3 iris    exon    25208728        25208931        .       -
        .       Parent=Smp_347810.1;Name=8d562f61-
e955-407a-8567-4d24ad600562
SM_V9_3 iris    exon    25210754        25210953        .       -
        .       Parent=Smp_347810.1;Name=934b7cf9-2f6e-4306-
a4ba-8fb6039ae087
SM_V9_3 iris    exon    25216702        25216978        .       -
        .       Parent=Smp_347810.1;Name=e42fc8ea-
abaf-41da-8063-6e16ef4ac0b2
SM_V9_3 iris    CDS     25188124        25188192        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25190587        25190657        .       -
        2       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25191777        25191892        .       -
        1       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25199249        25199340        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25199589        25199698        .       -
        2       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25201747        25201897        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25205043        25205105        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25205164        25205238        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25207901        25208013        .       -
        2       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25208074        25208176        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25208215        25208287        .       -
        1       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25208339        25208432        .       -
        2       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25208491        25208554        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25208604        25208678        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25208728        25208931        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    CDS     25210754        25210873        .       -
        0       Parent=Smp_347810.1
SM_V9_3 iris    gene    25235412        25238111        .       +
        .
ID=Smp_010140;geneID=Smp_010140;gene_name=Smp_010140;owner=irisadmin
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SM_V9_3 iris    mRNA    25235412        25238111        .       +
        .
ID=Smp_010140.1;Parent=Smp_010140;geneID=Smp_010140;gene_name=Smp_01
0140;owner=irisadmin@local.host;orig_id=Smp_010140.1;date_last_modif
ied=2022-07-27;Name=Smp_010140.1;product=PIN2/TERF1-interacting
telomerase inhibitor 1;date_creation=2022-07-26
SM_V9_3 iris    exon    25235412        25235517        .       +
        .       Parent=Smp_010140.1;Name=7cbcf03f-4336-4589-98da-
fe0fb7edefce
SM_V9_3 iris    exon    25236839        25237034        .       +
        .       Parent=Smp_010140.1;Name=0b15a809-9f91-4154-88f3-
c6aafe85c62f
SM_V9_3 iris    exon    25237066        25237459        .       +
        .       Parent=Smp_010140.1;Name=ce6cca2f-
e1a3-4fad-9b02-011cf679b403
SM_V9_3 iris    exon    25237496        25237563        .       +
        .       Parent=Smp_010140.1;Name=cffe6fc1-8e1b-4239-
a0ef-7daec8eab526
SM_V9_3 iris    exon    25237603        25237753        .       +
        .       Parent=Smp_010140.1;Name=7c80e22c-991b-433a-
b0ee-011d4b6c732f
SM_V9_3 iris    exon    25237792        25238111        .       +
        .       Parent=Smp_010140.1;Name=561dd499-
be02-4ec7-8045-39a05c8c7d41
SM_V9_3 iris    CDS     25236870        25237034        .       +
        0       Parent=Smp_010140.1
SM_V9_3 iris    CDS     25237066        25237459        .       +
        0       Parent=Smp_010140.1
SM_V9_3 iris    CDS     25237496        25237563        .       +
        2       Parent=Smp_010140.1
SM_V9_3 iris    CDS     25237603        25237753        .       +
        0       Parent=Smp_010140.1
SM_V9_3 iris    CDS     25237792        25237856        .       +
        2       Parent=Smp_010140.1
SM_V9_3 Liftoff gene    25240023        25245228        .       -
        .
ID=Smp_210480;geneID=Smp_210480;previous_systematic_id=Smp_127540
SM_V9_3 Liftoff mRNA    25240023        25245228        .       -
        .
ID=Smp_210480.1;Parent=Smp_210480;geneID=Smp_210480;product=Probable
Xaa-Pro aminopeptidase
3;polypeptide_domain=InterPro:IPR000994,IPR007865,IPR028980,IPR02914
9 Pfam:PF00557,PF05195;Ontology_term=GO:0004177,GO:0030145
SM_V9_3 Liftoff exon    25240023        25241141        .       -
        .       Parent=Smp_210480.1
SM_V9_3 Liftoff exon    25244063        25245228        .       -
        .       Parent=Smp_210480.1
SM_V9_3 Liftoff CDS     25241083        25241141        .       -
        2       Parent=Smp_210480.1
SM_V9_3 Liftoff CDS     25244063        25245059        .       -
        0       Parent=Smp_210480.1
SM_V9_3 Liftoff mRNA    25240023        25245228        .       -
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ID=Smp_210480.2;Parent=Smp_210480;geneID=Smp_210480;product=Probable
Xaa-Pro aminopeptidase
3;polypeptide_domain=InterPro:IPR000994,IPR007865,IPR028980,IPR02914
9 Pfam:PF00557,PF05195;Ontology_term=GO:0004177,GO:0030145
SM_V9_3 Liftoff exon    25240023        25242930        .       -
        .       Parent=Smp_210480.2
SM_V9_3 Liftoff exon    25244063        25245228        .       -
        .       Parent=Smp_210480.2
SM_V9_3 Liftoff CDS     25242746        25242930        .       -
        2       Parent=Smp_210480.2
SM_V9_3 Liftoff CDS     25244063        25245059        .       -
        0       Parent=Smp_210480.2
SM_V9_3 Liftoff mRNA    25240023        25245228        .       -
        .
ID=Smp_210480.3;Parent=Smp_210480;geneID=Smp_210480;product=Probable
Xaa-Pro aminopeptidase
3;polypeptide_domain=InterPro:IPR000994,IPR007865,IPR028980,IPR02914
9 Pfam:PF00557,PF05195;Ontology_term=GO:0004177,GO:0030145
SM_V9_3 Liftoff exon    25240023        25245228        .       -
        .       Parent=Smp_210480.3
SM_V9_3 Liftoff CDS     25244022        25245059        .       -
        0       Parent=Smp_210480.3
SM_V9_3 Liftoff mRNA    25240023        25245228        .       -
        .
ID=Smp_210480.4;Parent=Smp_210480;geneID=Smp_210480;product=Probable
Xaa-Pro aminopeptidase
3;polypeptide_domain=InterPro:IPR000994,IPR007865,IPR028980,IPR02914
9 Pfam:PF00557,PF05195;Ontology_term=GO:0004177,GO:0030145
SM_V9_3 Liftoff exon    25240023        25245228        .       -
        .       Parent=Smp_210480.4
SM_V9_3 Liftoff CDS     25244022        25244831        .       -
        0       Parent=Smp_210480.4
SM_V9_3 Liftoff gene    25256067        25287058        .       -
        .
ID=Smp_333560;geneID=Smp_333560;previous_systematic_id=Smp_127540,Sm
p_210490
SM_V9_3 Liftoff mRNA    25256067        25287058        .       -
        .
ID=Smp_333560.1;Parent=Smp_333560;geneID=Smp_333560;product=Protein
O-GlcNAcase;polypeptide_domain=InterPro:IPR011496,IPR017853
Pfam:PF07555
SM_V9_3 Liftoff exon    25256067        25256422        .       -
        .       Parent=Smp_333560.1
SM_V9_3 Liftoff exon    25271106        25271613        .       -
        .       Parent=Smp_333560.1
SM_V9_3 Liftoff exon    25271646        25272217        .       -
        .       Parent=Smp_333560.1
SM_V9_3 Liftoff exon    25285407        25285914        .       -
        .       Parent=Smp_333560.1
SM_V9_3 Liftoff exon    25285947        25287058        .       -
        .       Parent=Smp_333560.1
SM_V9_3 Liftoff CDS     25256401        25256422        .       -
        1       Parent=Smp_333560.1
SM_V9_3 Liftoff CDS     25271106        25271613        .       -
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        2       Parent=Smp_333560.1
SM_V9_3 Liftoff CDS     25271646        25272217        .       -
        1       Parent=Smp_333560.1
SM_V9_3 Liftoff CDS     25285407        25285914        .       -
        2       Parent=Smp_333560.1
SM_V9_3 Liftoff CDS     25285947        25286820        .       -
        0       Parent=Smp_333560.1
SM_V9_3 Liftoff gene    25300472        25315474        .       +
        .       ID=Smp_010110;geneID=Smp_010110
SM_V9_3 Liftoff mRNA    25300472        25315474        .       +
        .
ID=Smp_010110.1;Parent=Smp_010110;geneID=Smp_010110;product=E3
ubiquitin-protein ligase
MARCH5;polypeptide_domain=InterPro:IPR011016,IPR013083
Pfam:PF12906;Ontology_term=GO:0008270
SM_V9_3 Liftoff exon    25300472        25311011        .       +
        .       Parent=Smp_010110.1
SM_V9_3 Liftoff exon    25313476        25313793        .       +
        .       Parent=Smp_010110.1
SM_V9_3 Liftoff exon    25314576        25314739        .       +
        .       Parent=Smp_010110.1
SM_V9_3 Liftoff exon    25315235        25315474        .       +
        .       Parent=Smp_010110.1
SM_V9_3 Liftoff CDS     25310753        25311011        .       +
        0       Parent=Smp_010110.1
SM_V9_3 Liftoff CDS     25313476        25313793        .       +
        2       Parent=Smp_010110.1
SM_V9_3 Liftoff CDS     25314576        25314739        .       +
        2       Parent=Smp_010110.1
SM_V9_3 Liftoff CDS     25315235        25315339        .       +
        0       Parent=Smp_010110.1
SM_V9_3 iris    gene    25318285        25334841        .       -
        .
ID=Smp_010100;geneID=Smp_010100;gene_name=Smp_010100;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25318285        25334841        .       -
        .
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0100;owner=irisadmin@local.host;orig_id=Smp_010100.1;date_last_modif
ied=2022-07-27;Name=Smp_010100.1;product=Lipoyl synthase,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    25318285        25318745        .       -
        .
Parent=Smp_010100.1;Name=82d9c927-1c39-45af-9c9d-422f74018b57
SM_V9_3 iris    exon    25323085        25323331        .       -
        .
Parent=Smp_010100.1;Name=482d7995-070a-49aa-9c6c-6139c678f7c2
SM_V9_3 iris    exon    25323811        25323958        .       -
        .
Parent=Smp_010100.1;Name=5e07afdd-1845-40fe-8b61-70fa24ee33b2
SM_V9_3 iris    exon    25325752        25325947        .       -
        .       Parent=Smp_010100.1;Name=bcbfdffe-
c98e-492c-843a-1521f23e688f
SM_V9_3 iris    exon    25328911        25328991        .       -
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        .       Parent=Smp_010100.1;Name=f491079b-
c2e4-4e84-8026-8f0a1475a770
SM_V9_3 iris    exon    25329792        25329885        .       -
        .
Parent=Smp_010100.1;Name=91f25a18-1ccc-4199-8ca9-290d0ce2c59e
SM_V9_3 iris    exon    25334162        25334841        .       -
        .       Parent=Smp_010100.1;Name=cb6bb028-2a93-4720-b093-
b601c0da7320
SM_V9_3 iris    CDS     25318581        25318745        .       -
        0       Parent=Smp_010100.1
SM_V9_3 iris    CDS     25323085        25323331        .       -
        1       Parent=Smp_010100.1
SM_V9_3 iris    CDS     25323811        25323958        .       -
        2       Parent=Smp_010100.1
SM_V9_3 iris    CDS     25325752        25325947        .       -
        0       Parent=Smp_010100.1
SM_V9_3 iris    CDS     25328911        25328991        .       -
        0       Parent=Smp_010100.1
SM_V9_3 iris    CDS     25329792        25329885        .       -
        1       Parent=Smp_010100.1
SM_V9_3 iris    CDS     25334162        25334463        .       -
        0       Parent=Smp_010100.1
SM_V9_3 Liftoff gene    25353332        25361519        .       +
        .       ID=Smp_010090;geneID=Smp_010090
SM_V9_3 Liftoff mRNA    25353332        25361519        .       +
        .
ID=Smp_010090.1;Parent=Smp_010090;geneID=Smp_010090;product=Charged
multivesicular body protein 5;polypeptide_domain=InterPro:IPR005024
Pfam:PF03357;Ontology_term=GO:0007034
SM_V9_3 Liftoff exon    25353332        25353434        .       +
        .       Parent=Smp_010090.1
SM_V9_3 Liftoff exon    25353471        25353788        .       +
        .       Parent=Smp_010090.1
SM_V9_3 Liftoff exon    25357338        25357580        .       +
        .       Parent=Smp_010090.1
SM_V9_3 Liftoff exon    25360986        25361519        .       +
        .       Parent=Smp_010090.1
SM_V9_3 Liftoff CDS     25353366        25353434        .       +
        0       Parent=Smp_010090.1
SM_V9_3 Liftoff CDS     25353471        25353788        .       +
        0       Parent=Smp_010090.1
SM_V9_3 Liftoff CDS     25357338        25357580        .       +
        0       Parent=Smp_010090.1
SM_V9_3 Liftoff CDS     25360986        25361030        .       +
        0       Parent=Smp_010090.1
SM_V9_3 Liftoff gene    25365581        25385768        .       -
        .       ID=Smp_167880;geneID=Smp_167880
SM_V9_3 Liftoff mRNA    25365581        25385768        .       -
        .
ID=Smp_167880.1;Parent=Smp_167880;geneID=Smp_167880;product=Acidic
repeat-containing
protein;polypeptide_domain=InterPro:IPR006640,IPR035240
Pfam:PF10263,PF17283
SM_V9_3 Liftoff exon    25365581        25366094        .       -
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        .       Parent=Smp_167880.1
SM_V9_3 Liftoff exon    25371560        25371853        .       -
        .       Parent=Smp_167880.1
SM_V9_3 Liftoff exon    25373969        25374076        .       -
        .       Parent=Smp_167880.1
SM_V9_3 Liftoff exon    25375196        25375280        .       -
        .       Parent=Smp_167880.1
SM_V9_3 Liftoff exon    25376974        25377231        .       -
        .       Parent=Smp_167880.1
SM_V9_3 Liftoff exon    25379654        25380438        .       -
        .       Parent=Smp_167880.1
SM_V9_3 Liftoff exon    25380477        25385768        .       -
        .       Parent=Smp_167880.1
SM_V9_3 Liftoff CDS     25365858        25366094        .       -
        0       Parent=Smp_167880.1
SM_V9_3 Liftoff CDS     25371560        25371853        .       -
        0       Parent=Smp_167880.1
SM_V9_3 Liftoff CDS     25373969        25374076        .       -
        0       Parent=Smp_167880.1
SM_V9_3 Liftoff CDS     25375196        25375280        .       -
        1       Parent=Smp_167880.1
SM_V9_3 Liftoff CDS     25376974        25377231        .       -
        1       Parent=Smp_167880.1
SM_V9_3 Liftoff CDS     25379654        25380438        .       -
        0       Parent=Smp_167880.1
SM_V9_3 Liftoff CDS     25380477        25380533        .       -
        0       Parent=Smp_167880.1
SM_V9_3 Liftoff mRNA    25365581        25385768        .       -
        .
ID=Smp_167880.2;Parent=Smp_167880;geneID=Smp_167880;product=Acidic
repeat-containing
protein;polypeptide_domain=InterPro:IPR006640,IPR035240
Pfam:PF10263,PF17283
SM_V9_3 Liftoff exon    25365581        25366094        .       -
        .       Parent=Smp_167880.2
SM_V9_3 Liftoff exon    25371560        25371853        .       -
        .       Parent=Smp_167880.2
SM_V9_3 Liftoff exon    25375196        25375280        .       -
        .       Parent=Smp_167880.2
SM_V9_3 Liftoff exon    25376974        25377231        .       -
        .       Parent=Smp_167880.2
SM_V9_3 Liftoff exon    25379654        25380438        .       -
        .       Parent=Smp_167880.2
SM_V9_3 Liftoff exon    25380477        25385768        .       -
        .       Parent=Smp_167880.2
SM_V9_3 Liftoff CDS     25365858        25366094        .       -
        0       Parent=Smp_167880.2
SM_V9_3 Liftoff CDS     25371560        25371853        .       -
        0       Parent=Smp_167880.2
SM_V9_3 Liftoff CDS     25375196        25375280        .       -
        1       Parent=Smp_167880.2
SM_V9_3 Liftoff CDS     25376974        25377231        .       -
        1       Parent=Smp_167880.2
SM_V9_3 Liftoff CDS     25379654        25380438        .       -
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        0       Parent=Smp_167880.2
SM_V9_3 Liftoff CDS     25380477        25380533        .       -
        0       Parent=Smp_167880.2
SM_V9_3 Liftoff gene    25396849        25397592        .       -
        .       ID=Smp_326160;geneID=Smp_326160
SM_V9_3 Liftoff mRNA    25396849        25397592        .       -
        .
ID=Smp_326160.1;Parent=Smp_326160;geneID=Smp_326160;product=Arylsulf
atase A
SM_V9_3 Liftoff exon    25396849        25397592        .       -
        .       Parent=Smp_326160.1
SM_V9_3 Liftoff CDS     25397121        25397300        .       -
        0       Parent=Smp_326160.1
SM_V9_3 Liftoff gene    25402276        25412660        .       +
        .
ID=Smp_210680;geneID=Smp_210680;previous_systematic_id=Smp_127530
SM_V9_3 Liftoff mRNA    25402276        25412660        .       +
        .
ID=Smp_210680.1;Parent=Smp_210680;geneID=Smp_210680;product=CCR4-NOT
transcription complex subunit
9;polypeptide_domain=InterPro:IPR011989,IPR016024
Pfam:PF04078;Ontology_term=GO:0005488
SM_V9_3 Liftoff exon    25402276        25402437        .       +
        .       Parent=Smp_210680.1
SM_V9_3 Liftoff exon    25402478        25402598        .       +
        .       Parent=Smp_210680.1
SM_V9_3 Liftoff exon    25406724        25406918        .       +
        .       Parent=Smp_210680.1
SM_V9_3 Liftoff exon    25408879        25408974        .       +
        .       Parent=Smp_210680.1
SM_V9_3 Liftoff exon    25409680        25409870        .       +
        .       Parent=Smp_210680.1
SM_V9_3 Liftoff exon    25411898        25412660        .       +
        .       Parent=Smp_210680.1
SM_V9_3 Liftoff CDS     25402316        25402437        .       +
        0       Parent=Smp_210680.1
SM_V9_3 Liftoff CDS     25402478        25402598        .       +
        1       Parent=Smp_210680.1
SM_V9_3 Liftoff CDS     25406724        25406918        .       +
        0       Parent=Smp_210680.1
SM_V9_3 Liftoff CDS     25408879        25408974        .       +
        0       Parent=Smp_210680.1
SM_V9_3 Liftoff CDS     25409680        25409870        .       +
        0       Parent=Smp_210680.1
SM_V9_3 Liftoff CDS     25411898        25412300        .       +
        1       Parent=Smp_210680.1
SM_V9_3 iris    gene    25419085        25435798        .       +
        .
ID=Smp_212540;geneID=Smp_212540;gene_name=Smp_212540;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25419085        25435798        .       +
        .
ID=Smp_212540.1;Parent=Smp_212540;geneID=Smp_212540;gene_name=Smp_21
2540;owner=irisadmin@local.host;orig_id=Smp_212540.1;date_last_modif
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ied=2022-07-27;Name=Smp_212540.1;product=Suppressor of
tumorigenicity 7 protein homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    25419085        25419332        .       +
        .       Parent=Smp_212540.1;Name=f97d3c71-18eb-4f9f-b3f1-
b955ddf25c2d
SM_V9_3 iris    exon    25419383        25419465        .       +
        .       Parent=Smp_212540.1;Name=0780f5ec-d18e-459d-8133-
a538814b5882
SM_V9_3 iris    exon    25419497        25419644        .       +
        .
Parent=Smp_212540.1;Name=68638c6b-9236-4159-83cc-05f6a27cd475
SM_V9_3 iris    exon    25419677        25419847        .       +
        .       Parent=Smp_212540.1;Name=40deda79-44d7-4738-a17b-
d5b0fd434484
SM_V9_3 iris    exon    25419880        25420013        .       +
        .       Parent=Smp_212540.1;Name=a189e6ff-d92e-4c7a-95bf-
c4ec20e145a8
SM_V9_3 iris    exon    25421966        25422163        .       +
        .
Parent=Smp_212540.1;Name=70bcdff6-43a0-44bc-9cf8-1d7f6c08c6af
SM_V9_3 iris    exon    25428004        25428118        .       +
        .       Parent=Smp_212540.1;Name=1ff73445-a718-4524-8fdd-
f84ce642feca
SM_V9_3 iris    exon    25430349        25430421        .       +
        .
Parent=Smp_212540.1;Name=26633d28-8a3c-43e1-9056-4ea70b6e9962
SM_V9_3 iris    exon    25430990        25431092        .       +
        .       Parent=Smp_212540.1;Name=2962fe33-
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SM_V9_3 iris    exon    25432867        25433110        .       +
        .       Parent=Smp_212540.1;Name=cd40feee-1854-4c63-9e17-
cbb71fe3d653
SM_V9_3 iris    exon    25434494        25434633        .       +
        .       Parent=Smp_212540.1;Name=972c59be-a219-4058-b52d-
be22a6f6f551
SM_V9_3 iris    exon    25435057        25435798        .       +
        .       Parent=Smp_212540.1;Name=0ff3d0e6-4d1e-44fc-b1a8-
f777884f31a5
SM_V9_3 iris    CDS     25419388        25419465        .       +
        0       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25419497        25419644        .       +
        0       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25419677        25419847        .       +
        2       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25419880        25420013        .       +
        2       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25421966        25422163        .       +
        0       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25428004        25428118        .       +
        0       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25430349        25430421        .       +
        2       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25430990        25431092        .       +
        1       Parent=Smp_212540.1
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SM_V9_3 iris    CDS     25432867        25433110        .       +
        0       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25434494        25434633        .       +
        2       Parent=Smp_212540.1
SM_V9_3 iris    CDS     25435057        25435158        .       +
        0       Parent=Smp_212540.1
SM_V9_3 Liftoff gene    25434914        25436342        .       -
        .       ID=Smp_316690;geneID=Smp_316690
SM_V9_3 Liftoff mRNA    25434914        25436342        .       -
        .
ID=Smp_316690.1;Parent=Smp_316690;geneID=Smp_316690;product=Cytochro
me c oxidase assembly protein
COX19;polypeptide_domain=InterPro:IPR009069
SM_V9_3 Liftoff exon    25434914        25436342        .       -
        .       Parent=Smp_316690.1
SM_V9_3 Liftoff CDS     25435466        25435771        .       -
        0       Parent=Smp_316690.1
SM_V9_3 iris    gene    25438759        25460080        .       -
        .
ID=Smp_127520;geneID=Smp_127520;gene_name=Smp_127520;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25438759        25460080        .       -
        .
ID=Smp_127520.1;Parent=Smp_127520;geneID=Smp_127520;gene_name=Smp_12
7520;owner=irisadmin@local.host;orig_id=Smp_127520.2;date_last_modif
ied=2022-07-27;Name=Smp_127520.1;product=Regulator of G-protein
signaling 8;date_creation=2022-07-26
SM_V9_3 iris    exon    25438759        25438872        .       -
        .       Parent=Smp_127520.1;Name=7728a6c1-
e8f9-48ed-812d-76cb07d7a0a6
SM_V9_3 iris    exon    25439936        25439982        .       -
        .       Parent=Smp_127520.1;Name=607ff86f-13ba-4aca-
a309-62cf3b4dc2cf
SM_V9_3 iris    exon    25440514        25440541        .       -
        .       Parent=Smp_127520.1;Name=adf7e345-c470-4c05-
b03c-9d2cf65527ab
SM_V9_3 iris    exon    25442370        25442760        .       -
        .       Parent=Smp_127520.1;Name=8c612069-937f-4761-
a5cf-6690b0593045
SM_V9_3 iris    exon    25444178        25444324        .       -
        .       Parent=Smp_127520.1;Name=7732c158-2a03-4d2c-8b68-
c84efae49744
SM_V9_3 iris    exon    25446509        25446595        .       -
        .       Parent=Smp_127520.1;Name=cf3f4143-3b26-4269-
a602-7858e7cdde59
SM_V9_3 iris    exon    25449444        25449626        .       -
        .       Parent=Smp_127520.1;Name=0374f4fe-e700-4c14-bbb8-
c4c86977d931
SM_V9_3 iris    exon    25455334        25455453        .       -
        .       Parent=Smp_127520.1;Name=bec2e959-0446-4c7d-
a9b9-5035853a49dd
SM_V9_3 iris    exon    25457717        25458078        .       -
        .       Parent=Smp_127520.1;Name=3c62338a-e9cc-45c6-96f7-
d319db7153e0
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SM_V9_3 iris    exon    25459349        25459775        .       -
        .       Parent=Smp_127520.1;Name=d4e6cee1-b837-439f-8c1a-
eab80a7b43ef
SM_V9_3 iris    exon    25459810        25460080        .       -
        .       Parent=Smp_127520.1;Name=0a739ea5-034a-4c0c-
b930-275f3734aae4
SM_V9_3 iris    CDS     25438853        25438872        .       -
        2       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25439936        25439982        .       -
        1       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25440514        25440541        .       -
        2       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25442370        25442760        .       -
        0       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25444178        25444324        .       -
        0       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25446509        25446595        .       -
        0       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25449444        25449626        .       -
        0       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25455334        25455453        .       -
        0       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25457717        25458078        .       -
        2       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25459349        25459775        .       -
        0       Parent=Smp_127520.1
SM_V9_3 iris    CDS     25459810        25460037        .       -
        0       Parent=Smp_127520.1
SM_V9_3 iris    gene    25467436        25470062        .       -
        .
ID=Smp_335850;geneID=Smp_335850;gene_name=Smp_335850;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25467436        25470062        .       -
        .
ID=Smp_335850.1;Parent=Smp_335850;geneID=Smp_335850;gene_name=Smp_33
5850;owner=irisadmin@local.host;orig_id=Smp_335850.1;date_last_modif
ied=2022-07-27;Name=Smp_335850.1;product=CDK5 regulatory subunit-
associated protein 3;date_creation=2022-07-26
SM_V9_3 iris    exon    25467436        25467548        .       -
        .
Parent=Smp_335850.1;Name=94c831a5-01fe-4821-823b-8e1f4739f372
SM_V9_3 iris    exon    25468218        25468428        .       -
        .       Parent=Smp_335850.1;Name=4c9deaa8-196e-40be-a0b1-
f5af18f5abdd
SM_V9_3 iris    exon    25468519        25468610        .       -
        .       Parent=Smp_335850.1;Name=79615799-dac9-4b51-
b38c-6018cc7c33f4
SM_V9_3 iris    exon    25469719        25470062        .       -
        .       Parent=Smp_335850.1;Name=9137fe0e-570d-4d0e-
afb5-582cd1bde7d6
SM_V9_3 iris    CDS     25467480        25467548        .       -
        0       Parent=Smp_335850.1
SM_V9_3 iris    CDS     25468218        25468428        .       -
        1       Parent=Smp_335850.1
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SM_V9_3 iris    CDS     25468519        25468610        .       -
        0       Parent=Smp_335850.1
SM_V9_3 iris    CDS     25469719        25469730        .       -
        0       Parent=Smp_335850.1
SM_V9_3 iris    gene    25475966        25536553        .       +
        .
ID=Smp_210070;geneID=Smp_210070;gene_name=Smp_210070;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25475966        25536553        .       +
        .
ID=Smp_210070.1;Parent=Smp_210070;geneID=Smp_210070;gene_name=Smp_21
0070;owner=irisadmin@local.host;orig_id=Smp_210070.1;date_last_modif
ied=2022-07-27;Name=Smp_210070.1;product=Integrator complex subunit
1;date_creation=2022-07-26
SM_V9_3 iris    exon    25475966        25476050        .       +
        .       Parent=Smp_210070.1;Name=9aaced00-c984-4228-
b869-41d3baa97c5b
SM_V9_3 iris    exon    25483600        25483632        .       +
        .       Parent=Smp_210070.1;Name=75ce18fd-af05-4210-9a5d-
bd2365008cd7
SM_V9_3 iris    exon    25483674        25483745        .       +
        .       Parent=Smp_210070.1;Name=b39f2026-3ad9-41ba-
a69f-0085d2c2bad7
SM_V9_3 iris    exon    25483828        25484192        .       +
        .
Parent=Smp_210070.1;Name=822d7dc6-4c58-4e17-8566-44a885895813
SM_V9_3 iris    exon    25486434        25486502        .       +
        .       Parent=Smp_210070.1;Name=e4cbe086-dd7c-40be-96ab-
b89dc592837a
SM_V9_3 iris    exon    25486599        25486955        .       +
        .       Parent=Smp_210070.1;Name=38af1572-5696-4ca4-9cb8-
b71fd725cc6c
SM_V9_3 iris    exon    25488962        25489273        .       +
        .       Parent=Smp_210070.1;Name=d3007f5c-f8d8-4331-
ae38-8fec7198ec5e
SM_V9_3 iris    exon    25494319        25494465        .       +
        .       Parent=Smp_210070.1;Name=9c961d15-9074-46e8-a256-
e74324a3fcb9
SM_V9_3 iris    exon    25495599        25495943        .       +
        .       Parent=Smp_210070.1;Name=3b724619-4251-4d01-bf30-
f46eddab817e
SM_V9_3 iris    exon    25498283        25498802        .       +
        .       Parent=Smp_210070.1;Name=53087842-e9fe-4e5c-b967-
bea891766456
SM_V9_3 iris    exon    25499514        25499802        .       +
        .       Parent=Smp_210070.1;Name=700e6c6f-0d8a-4777-
b4c0-2d6f269e5b2c
SM_V9_3 iris    exon    25502696        25502859        .       +
        .       Parent=Smp_210070.1;Name=f7d8a74c-38cf-4113-
b522-2dec7f62c8ad
SM_V9_3 iris    exon    25503621        25503711        .       +
        .       Parent=Smp_210070.1;Name=1137de73-df48-43c1-
a410-05b6d9c27758
SM_V9_3 iris    exon    25504351        25504439        .       +
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        .       Parent=Smp_210070.1;Name=5bbf391c-910d-4484-8bb7-
cad3fa02f5b4
SM_V9_3 iris    exon    25505782        25505842        .       +
        .
Parent=Smp_210070.1;Name=7dcbdcaf-2445-4f91-888b-16dfc423a803
SM_V9_3 iris    exon    25507457        25507589        .       +
        .       Parent=Smp_210070.1;Name=045198a9-a06b-44e7-8745-
cd80526900a6
SM_V9_3 iris    exon    25508664        25508976        .       +
        .       Parent=Smp_210070.1;Name=1c7aec14-eccf-49a0-925d-
a634c463a450
SM_V9_3 iris    exon    25509813        25510028        .       +
        .       Parent=Smp_210070.1;Name=b56dfc4f-d05f-4d75-9f96-
d6953d2dcdd1
SM_V9_3 iris    exon    25511254        25511423        .       +
        .       Parent=Smp_210070.1;Name=9d36d029-687e-4a97-842f-
e9612824899c
SM_V9_3 iris    exon    25513596        25513874        .       +
        .       Parent=Smp_210070.1;Name=2639ea4e-
e28a-45fd-9bf5-796fa46728ff
SM_V9_3 iris    exon    25515307        25515525        .       +
        .
Parent=Smp_210070.1;Name=359ff598-3468-4042-9e0c-797c4cbaa9c2
SM_V9_3 iris    exon    25516955        25517345        .       +
        .       Parent=Smp_210070.1;Name=78267ac6-b965-4fd0-8b29-
e520fcc8b2c3
SM_V9_3 iris    exon    25518712        25518884        .       +
        .       Parent=Smp_210070.1;Name=136680b8-fa23-42d5-
bad1-0ceeb8c8770f
SM_V9_3 iris    exon    25519951        25520085        .       +
        .       Parent=Smp_210070.1;Name=de0cf67c-8ef6-44d8-
ac0b-84fe154e4cf1
SM_V9_3 iris    exon    25522376        25522434        .       +
        .       Parent=Smp_210070.1;Name=24207b09-c991-4151-9d8e-
cd717a5eb62e
SM_V9_3 iris    exon    25522778        25523089        .       +
        .       Parent=Smp_210070.1;Name=65d90479-ad35-40c7-b0e2-
a022f23ede55
SM_V9_3 iris    exon    25524843        25525065        .       +
        .
Parent=Smp_210070.1;Name=0971a403-7b2a-429f-8cec-10f92102802f
SM_V9_3 iris    exon    25528732        25529136        .       +
        .       Parent=Smp_210070.1;Name=9b988476-f1d0-45b2-
a61b-6ce5f6a6ca0e
SM_V9_3 iris    exon    25530629        25530981        .       +
        .       Parent=Smp_210070.1;Name=2319f2ed-47cf-40f6-
a5dc-0e02de914fc8
SM_V9_3 iris    exon    25533001        25533401        .       +
        .       Parent=Smp_210070.1;Name=faa41f70-6b21-42f3-924a-
efc769edccdb
SM_V9_3 iris    exon    25534612        25534682        .       +
        .       Parent=Smp_210070.1;Name=ba63ce23-3b2c-4181-
b7e1-123c8efff6f7
SM_V9_3 iris    exon    25535914        25536553        .       +
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        .       Parent=Smp_210070.1;Name=627c1c11-58cb-4840-9698-
e66cc8310f03
SM_V9_3 iris    CDS     25476032        25476050        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25483600        25483632        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25483674        25483745        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25483828        25484192        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25486434        25486502        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25486599        25486955        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25488962        25489273        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25494319        25494465        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25495599        25495943        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25498283        25498802        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25499514        25499802        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25502696        25502859        .       +
        1       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25503621        25503711        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25504351        25504439        .       +
        1       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25505782        25505842        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25507457        25507589        .       +
        1       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25508664        25508976        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25509813        25510028        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25511254        25511423        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25513596        25513874        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25515307        25515525        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25516955        25517345        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25518712        25518884        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25519951        25520085        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25522376        25522434        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25522778        25523089        .       +
        1       Parent=Smp_210070.1
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SM_V9_3 iris    CDS     25524843        25525065        .       +
        1       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25528732        25529136        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25530629        25530981        .       +
        0       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25533001        25533401        .       +
        1       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25534612        25534682        .       +
        2       Parent=Smp_210070.1
SM_V9_3 iris    CDS     25535914        25536324        .       +
        0       Parent=Smp_210070.1
SM_V9_3 Liftoff gene    25557145        25565552        .       -
        .       ID=Smp_246450;geneID=Smp_246450
SM_V9_3 Liftoff mRNA    25557145        25565552        .       -
        .
ID=Smp_246450.1;Parent=Smp_246450;geneID=Smp_246450;product=CDK5
regulatory subunit-associated protein
3;polypeptide_domain=InterPro:IPR008491 Pfam:PF05600
SM_V9_3 Liftoff exon    25557145        25557274        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25557944        25558154        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25558245        25558336        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25559445        25559858        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25562620        25562866        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25564639        25564781        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25564824        25564913        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25564946        25565034        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25565066        25565114        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25565148        25565239        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25565278        25565403        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff exon    25565437        25565552        .       -
        .       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25557206        25557274        .       -
        0       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25557944        25558154        .       -
        1       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25558245        25558336        .       -
        0       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25559445        25559858        .       -
        0       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25562620        25562866        .       -
        1       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25564639        25564781        .       -
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        0       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25564824        25564913        .       -
        0       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25564946        25565034        .       -
        2       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25565066        25565114        .       -
        0       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25565148        25565239        .       -
        2       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25565278        25565403        .       -
        2       Parent=Smp_246450.1
SM_V9_3 Liftoff CDS     25565437        25565497        .       -
        0       Parent=Smp_246450.1
SM_V9_3 iris    gene    25573662        25669952        .       -
        .
ID=Smp_243720;geneID=Smp_243720;gene_name=Smp_243720;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25573662        25669952        .       -
        .
ID=Smp_243720.1;Parent=Smp_243720;geneID=Smp_243720;gene_name=Smp_24
3720;owner=irisadmin@local.host;orig_id=Smp_243720.1;date_last_modif
ied=2022-07-27;Name=Smp_243720.1;product=Unconventional myosin-
XV;date_creation=2022-07-26
SM_V9_3 iris    exon    25573662        25574448        .       -
        .       Parent=Smp_243720.1;Name=f0863559-e66d-4d89-aba7-
abb6750e665b
SM_V9_3 iris    exon    25575595        25575687        .       -
        .       Parent=Smp_243720.1;Name=4bd776ca-607b-460b-
a2ba-9fd773b8a627
SM_V9_3 iris    exon    25578722        25578909        .       -
        .       Parent=Smp_243720.1;Name=d0c60d26-bd0f-4e08-be3b-
d371aabc06f8
SM_V9_3 iris    exon    25579303        25579430        .       -
        .       Parent=Smp_243720.1;Name=983e3949-
e6bf-4f8d-8f68-97bc6e104001
SM_V9_3 iris    exon    25580136        25580200        .       -
        .       Parent=Smp_243720.1;Name=c01a2b6d-01e4-4c83-
b208-58cd355af595
SM_V9_3 iris    exon    25580394        25580462        .       -
        .       Parent=Smp_243720.1;Name=690dadf6-ad6c-4687-84eb-
b26e9f39e993
SM_V9_3 iris    exon    25582504        25582667        .       -
        .       Parent=Smp_243720.1;Name=78f64928-962e-4c85-8531-
a850130fc513
SM_V9_3 iris    exon    25584127        25584313        .       -
        .
Parent=Smp_243720.1;Name=0fed3a99-9327-42ed-9cf5-10c345218f1f
SM_V9_3 iris    exon    25586669        25586763        .       -
        .       Parent=Smp_243720.1;Name=dca205cf-b70b-4321-a9c6-
c7b2ff7be3ea
SM_V9_3 iris    exon    25588821        25588951        .       -
        .
Parent=Smp_243720.1;Name=5693ac23-112c-4af1-97e0-8e96df0b19ea
SM_V9_3 iris    exon    25593463        25593548        .       -
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        .       Parent=Smp_243720.1;Name=d9bb4ab3-
c3b8-4eb5-93ca-31ad58f3157f
SM_V9_3 iris    exon    25593662        25593732        .       -
        .
Parent=Smp_243720.1;Name=7c330bcd-7e2e-4d9f-86fa-7e2f123a9672
SM_V9_3 iris    exon    25596698        25596807        .       -
        .
Parent=Smp_243720.1;Name=39a3b83b-11cf-4799-96b9-48e4f1d715aa
SM_V9_3 iris    exon    25598890        25599379        .       -
        .       Parent=Smp_243720.1;Name=d21da918-81e8-4748-
ba7b-0d0420f7430a
SM_V9_3 iris    exon    25601958        25602003        .       -
        .       Parent=Smp_243720.1;Name=5b480a30-4b36-4766-
a609-7ef614998ea0
SM_V9_3 iris    exon    25604360        25604413        .       -
        .
Parent=Smp_243720.1;Name=11b003cc-23bf-4fdf-9aa9-95bfc10baf92
SM_V9_3 iris    exon    25605256        25605591        .       -
        .
Parent=Smp_243720.1;Name=ea106a54-78a2-45f1-8451-9d303971bdb3
SM_V9_3 iris    exon    25608142        25608263        .       -
        .       Parent=Smp_243720.1;Name=22184413-2529-47f7-
b97d-439dc72d613e
SM_V9_3 iris    exon    25609044        25609179        .       -
        .       Parent=Smp_243720.1;Name=d63d1077-ca1c-436b-bc71-
a27d342d3b9d
SM_V9_3 iris    exon    25611204        25611575        .       -
        .       Parent=Smp_243720.1;Name=33b230d4-8934-4c95-
b8fc-88e137bbeafe
SM_V9_3 iris    exon    25612643        25612751        .       -
        .
Parent=Smp_243720.1;Name=81475856-0753-4f6d-827c-4733e5084542
SM_V9_3 iris    exon    25618298        25618525        .       -
        .
Parent=Smp_243720.1;Name=1be143ba-3c81-40be-9c6c-3655fd02d31a
SM_V9_3 iris    exon    25619757        25619829        .       -
        .       Parent=Smp_243720.1;Name=e651f8cd-0abe-400f-
ac97-603af2f12f76
SM_V9_3 iris    exon    25621840        25621997        .       -
        .       Parent=Smp_243720.1;Name=53a506d3-88df-4654-848b-
dd952acfe033
SM_V9_3 iris    exon    25622800        25623101        .       -
        .
Parent=Smp_243720.1;Name=78fc78b1-4c61-485a-8329-94a50608d577
SM_V9_3 iris    exon    25625873        25625947        .       -
        .
Parent=Smp_243720.1;Name=81d8f922-06ae-40ab-81c7-06af605d618a
SM_V9_3 iris    exon    25629718        25629816        .       -
        .       Parent=Smp_243720.1;Name=633774cb-3a88-4af1-83b6-
b9934b30107f
SM_V9_3 iris    exon    25634660        25634817        .       -
        .       Parent=Smp_243720.1;Name=1a865671-6cbb-4ced-
baf9-9aaa7b6acabb
SM_V9_3 iris    exon    25637122        25637227        .       -
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        .       Parent=Smp_243720.1;Name=4ea94832-e3af-4c4f-
be4d-6681aebb2fbd
SM_V9_3 iris    exon    25638353        25638379        .       -
        .       Parent=Smp_243720.1;Name=96f5fd8c-
a914-4b03-89e8-54cd0065dd33
SM_V9_3 iris    exon    25640086        25640104        .       -
        .       Parent=Smp_243720.1;Name=10945052-31d5-49b8-8912-
e97daf3eeb96
SM_V9_3 iris    exon    25644167        25644499        .       -
        .       Parent=Smp_243720.1;Name=7a2a6121-d0e7-4439-8184-
cb9402194911
SM_V9_3 iris    exon    25646355        25646525        .       -
        .       Parent=Smp_243720.1;Name=f796b93c-0d7a-4392-
ac4b-830453205bbc
SM_V9_3 iris    exon    25647468        25647679        .       -
        .       Parent=Smp_243720.1;Name=50f56add-4ea4-466b-
bbcd-08147367d4b1
SM_V9_3 iris    exon    25648652        25648780        .       -
        .
Parent=Smp_243720.1;Name=7b4a9d74-7da3-43ab-96e6-3a9d48703543
SM_V9_3 iris    exon    25653833        25654060        .       -
        .
Parent=Smp_243720.1;Name=4fe8d7a5-8992-474a-9d72-39f64e939fca
SM_V9_3 iris    exon    25658172        25658378        .       -
        .
Parent=Smp_243720.1;Name=ceaeef96-616c-4d62-9efe-35ab201deb9b
SM_V9_3 iris    exon    25659103        25659204        .       -
        .       Parent=Smp_243720.1;Name=ffb04cf8-a18f-4eda-8621-
b77e867c750d
SM_V9_3 iris    exon    25660697        25660864        .       -
        .       Parent=Smp_243720.1;Name=0488c30c-c1a9-434a-8b66-
bf61ee5880d0
SM_V9_3 iris    exon    25661806        25661919        .       -
        .       Parent=Smp_243720.1;Name=855738c4-bcdf-4379-
a75e-9c1b2ac3eece
SM_V9_3 iris    exon    25662859        25662922        .       -
        .       Parent=Smp_243720.1;Name=4c846069-51e7-462e-
a988-3c65c21b6746
SM_V9_3 iris    exon    25667863        25668083        .       -
        .       Parent=Smp_243720.1;Name=cb77e41b-daa7-4f76-
bf8a-2c7a1683d4ef
SM_V9_3 iris    exon    25669257        25669472        .       -
        .       Parent=Smp_243720.1;Name=96438ace-
a6e3-42c2-9ffb-88dad06dd855
SM_V9_3 iris    exon    25669505        25669568        .       -
        .
Parent=Smp_243720.1;Name=7866939b-3a66-4fd3-97a1-6cb954dacde8
SM_V9_3 iris    exon    25669607        25669692        .       -
        .       Parent=Smp_243720.1;Name=5b24f129-5630-47d4-
b404-77dbfba8e613
SM_V9_3 iris    exon    25669730        25669831        .       -
        .       Parent=Smp_243720.1;Name=b1d0c72f-198a-4c49-841e-
a950891059ec
SM_V9_3 iris    exon    25669864        25669952        .       -
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        .       Parent=Smp_243720.1;Name=758381df-520a-4026-8555-
fdbf2e1a83e8
SM_V9_3 iris    CDS     25574377        25574448        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25575595        25575687        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25578722        25578909        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25579303        25579430        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25580136        25580200        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25580394        25580462        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25582504        25582667        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25584127        25584313        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25586669        25586763        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25588821        25588951        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25593463        25593548        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25593662        25593732        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25596698        25596807        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25598890        25599379        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25601958        25602003        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25604360        25604413        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25605256        25605591        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25608142        25608263        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25609044        25609179        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25611204        25611575        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25612643        25612751        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25618298        25618525        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25619757        25619829        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25621840        25621997        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25622800        25623101        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25625873        25625947        .       -
        0       Parent=Smp_243720.1
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SM_V9_3 iris    CDS     25629718        25629816        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25634660        25634817        .       -
        2       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25637122        25637227        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25638353        25638379        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25640086        25640104        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25644167        25644499        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25646355        25646525        .       -
        1       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25647468        25647679        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25648652        25648780        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25653833        25654060        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25658172        25658378        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25659103        25659204        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25660697        25660864        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    CDS     25661806        25661811        .       -
        0       Parent=Smp_243720.1
SM_V9_3 iris    gene    25686740        25702210        .       +
        .
ID=Smp_127500;geneID=Smp_127500;gene_name=Smp_127500;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25686740        25700806        .       +
        .
ID=Smp_127500.2;Parent=Smp_127500;geneID=Smp_127500;gene_name=Smp_12
7500;owner=irisadmin@local.host;orig_id=Smp_127500.3;date_last_modif
ied=2022-08-30;Name=Smp_127500.2;product=Low-density lipoprotein
receptor-related protein 3;date_creation=2022-07-26
SM_V9_3 iris    exon    25686740        25686987        .       +
        .
Parent=Smp_127500.2;Name=2ca49d9b-062a-4448-8d5d-917af50d5b00
SM_V9_3 iris    exon    25689330        25689613        .       +
        .       Parent=Smp_127500.2;Name=ec996bdd-2b3e-4f60-
a00c-44bdcede2982
SM_V9_3 iris    exon    25690769        25690913        .       +
        .
Parent=Smp_127500.2;Name=f1cc7a16-6a9d-47b5-94fe-51f2b5bbdd57
SM_V9_3 iris    exon    25696532        25696666        .       +
        .       Parent=Smp_127500.2;Name=4615e91a-9557-4403-
be0d-0ba438413465
SM_V9_3 iris    exon    25698674        25698727        .       +
        .       Parent=Smp_127500.2;Name=42b37900-864b-4dc5-
aa33-0a271194323b
SM_V9_3 iris    exon    25699707        25699794        .       +
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        .       Parent=Smp_127500.2;Name=709b5c34-9a26-4aec-815c-
fa2aab409b9a
SM_V9_3 iris    exon    25700265        25700806        .       +
        .       Parent=Smp_127500.2;Name=c90d7538-1688-4ff9-ab4d-
cbb953c12b49
SM_V9_3 iris    CDS     25686906        25686987        .       +
        0       Parent=Smp_127500.2
SM_V9_3 iris    CDS     25689330        25689613        .       +
        2       Parent=Smp_127500.2
SM_V9_3 iris    CDS     25690769        25690913        .       +
        0       Parent=Smp_127500.2
SM_V9_3 iris    CDS     25696532        25696666        .       +
        2       Parent=Smp_127500.2
SM_V9_3 iris    CDS     25698674        25698727        .       +
        2       Parent=Smp_127500.2
SM_V9_3 iris    CDS     25699707        25699794        .       +
        2       Parent=Smp_127500.2
SM_V9_3 iris    CDS     25700265        25700322        .       +
        1       Parent=Smp_127500.2
SM_V9_3 iris    mRNA    25686740        25702210        .       +
        .
ID=Smp_127500.1;Parent=Smp_127500;geneID=Smp_127500;gene_name=Smp_12
7500;owner=irisadmin@local.host;date_last_modified=2022-08-30;Name=S
mp_127500.1;product=Protein FAM180A;date_creation=2022-08-30
SM_V9_3 iris    exon    25686740        25686987        .       +
        .       Parent=Smp_127500.1;Name=dc28f7f5-86d6-4fdd-
a6b2-2ab8323eb6f1
SM_V9_3 iris    exon    25689330        25689613        .       +
        .       Parent=Smp_127500.1;Name=c927aea2-
a81f-452e-88b6-00873093a972
SM_V9_3 iris    exon    25690769        25690913        .       +
        .       Parent=Smp_127500.1;Name=16f48fa5-070b-40ac-a1c8-
a8261672bd38
SM_V9_3 iris    exon    25696532        25696666        .       +
        .       Parent=Smp_127500.1;Name=f9e50a34-0c90-4cc1-8b6d-
c989cda43113
SM_V9_3 iris    exon    25698674        25698727        .       +
        .       Parent=Smp_127500.1;Name=14177f40-6c6b-4b2a-9911-
d8fcc333fe0a
SM_V9_3 iris    exon    25699707        25699794        .       +
        .       Parent=Smp_127500.1;Name=15e176c3-
c3cc-4591-9849-6f6f5e51f06d
SM_V9_3 iris    exon    25701266        25701309        .       +
        .       Parent=Smp_127500.1;Name=1349c5c8-7f82-4248-b657-
ed002cb48aea
SM_V9_3 iris    exon    25701984        25702210        .       +
        .       Parent=Smp_127500.1;Name=8ff73368-bb9c-4ed2-
a226-782db9e9b38a
SM_V9_3 iris    CDS     25686906        25686987        .       +
        0       Parent=Smp_127500.1
SM_V9_3 iris    CDS     25689330        25689613        .       +
        2       Parent=Smp_127500.1
SM_V9_3 iris    CDS     25690769        25690913        .       +
        0       Parent=Smp_127500.1
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SM_V9_3 iris    CDS     25696532        25696666        .       +
        2       Parent=Smp_127500.1
SM_V9_3 iris    CDS     25698674        25698727        .       +
        2       Parent=Smp_127500.1
SM_V9_3 iris    CDS     25699707        25699794        .       +
        2       Parent=Smp_127500.1
SM_V9_3 iris    CDS     25701266        25701309        .       +
        1       Parent=Smp_127500.1
SM_V9_3 iris    CDS     25701984        25702006        .       +
        2       Parent=Smp_127500.1
SM_V9_3 Liftoff gene    25702951        25708232        .       -
        .
ID=Smp_335300;geneID=Smp_335300;previous_systematic_id=Smp_010000
SM_V9_3 Liftoff mRNA    25702951        25708232        .       -
        .
ID=Smp_335300.1;Parent=Smp_335300;geneID=Smp_335300;product=Mitochon
drial import inner membrane translocase subunit
Tim8;polypeptide_domain=InterPro:IPR004217,IPR035427 Pfam:PF02953
SM_V9_3 Liftoff exon    25702951        25703430        .       -
        .       Parent=Smp_335300.1
SM_V9_3 Liftoff exon    25708175        25708232        .       -
        .       Parent=Smp_335300.1
SM_V9_3 Liftoff CDS     25703160        25703430        .       -
        1       Parent=Smp_335300.1
SM_V9_3 Liftoff CDS     25708175        25708185        .       -
        0       Parent=Smp_335300.1
SM_V9_3 iris    gene    25719192        25756692        .       -
        .
ID=Smp_009990;geneID=Smp_009990;gene_name=Smp_009990;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25719192        25756692        .       -
        .
ID=Smp_009990.1;Parent=Smp_009990;geneID=Smp_009990;gene_name=Smp_00
9990;owner=irisadmin@local.host;orig_id=Smp_009990.1;date_last_modif
ied=2022-07-27;Name=Smp_009990.1;product=Receptor protein-tyrosine
kinase;date_creation=2022-07-26
SM_V9_3 iris    exon    25719192        25720266        .       -
        .       Parent=Smp_009990.1;Name=00786329-4da4-4fbc-b9f7-
a67a25ad5993
SM_V9_3 iris    exon    25723385        25723528        .       -
        .       Parent=Smp_009990.1;Name=a673411f-dc9a-4376-
b77c-5267eb5b450c
SM_V9_3 iris    exon    25725090        25725239        .       -
        .       Parent=Smp_009990.1;Name=034a2854-50ea-4083-8fc4-
dbe8314f1872
SM_V9_3 iris    exon    25729336        25729594        .       -
        .       Parent=Smp_009990.1;Name=639e295f-9f2a-4a29-
acc6-7c49f45a151f
SM_V9_3 iris    exon    25730402        25730759        .       -
        .       Parent=Smp_009990.1;Name=b7a7254a-d6f4-41a6-939f-
e95c5b9e3fb4
SM_V9_3 iris    exon    25731854        25732076        .       -
        .       Parent=Smp_009990.1;Name=ddd36b99-3012-49a7-ab0d-
b86601d266e2
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SM_V9_3 iris    exon    25732929        25733022        .       -
        .       Parent=Smp_009990.1;Name=19f66f80-8749-462d-b85c-
e1f78188fc7c
SM_V9_3 iris    exon    25734085        25734382        .       -
        .       Parent=Smp_009990.1;Name=0dd2c66b-
cd5c-43a5-938d-7f81a12a64b4
SM_V9_3 iris    exon    25735321        25735496        .       -
        .       Parent=Smp_009990.1;Name=66d3c447-
e73f-4540-984c-540940c4641d
SM_V9_3 iris    exon    25736327        25736507        .       -
        .       Parent=Smp_009990.1;Name=fd4c0173-33c3-4119-859d-
b146fe2485bd
SM_V9_3 iris    exon    25736977        25737173        .       -
        .       Parent=Smp_009990.1;Name=e3be2a5b-fed6-4bfd-
a9e6-97db957ed3c0
SM_V9_3 iris    exon    25738370        25738467        .       -
        .
Parent=Smp_009990.1;Name=cf33e835-6c18-4fe2-8704-2f2d9fab2d79
SM_V9_3 iris    exon    25739677        25739809        .       -
        .       Parent=Smp_009990.1;Name=c3fd7294-0e55-4db9-a03e-
ce7396973a84
SM_V9_3 iris    exon    25739999        25740169        .       -
        .       Parent=Smp_009990.1;Name=51d39482-51bd-428b-9ce9-
bbd18e69c80e
SM_V9_3 iris    exon    25742091        25742290        .       -
        .       Parent=Smp_009990.1;Name=e39fee01-0129-41cb-
b225-3f048570fdae
SM_V9_3 iris    exon    25743102        25743155        .       -
        .       Parent=Smp_009990.1;Name=97f21438-b07a-47ac-
bedc-5eb3c32d43fe
SM_V9_3 iris    exon    25743579        25743759        .       -
        .       Parent=Smp_009990.1;Name=89070daa-6add-4709-922b-
a1a2ca865c1b
SM_V9_3 iris    exon    25745038        25745291        .       -
        .       Parent=Smp_009990.1;Name=6fc9fc5d-2db0-419e-ae7a-
efcfc0d426b0
SM_V9_3 iris    exon    25746239        25746392        .       -
        .       Parent=Smp_009990.1;Name=5dcdd9ba-bdf2-42e7-bab0-
bccaed0b6884
SM_V9_3 iris    exon    25750398        25750499        .       -
        .       Parent=Smp_009990.1;Name=53a75f75-bf01-4f32-ae9b-
d93fcb0f55db
SM_V9_3 iris    exon    25751547        25751805        .       -
        .       Parent=Smp_009990.1;Name=ee88e042-59fc-4c99-bdcb-
e2852e998f90
SM_V9_3 iris    exon    25753311        25753489        .       -
        .
Parent=Smp_009990.1;Name=595a8e4a-410f-4e8d-9c45-5de6c728fa13
SM_V9_3 iris    exon    25755322        25755619        .       -
        .       Parent=Smp_009990.1;Name=6fcb2f31-6321-44e6-85d6-
b08ad460ad75
SM_V9_3 iris    exon    25756118        25756383        .       -
        .       Parent=Smp_009990.1;Name=b0ce0b87-593e-4299-8cbc-
b3e986144941
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SM_V9_3 iris    exon    25756421        25756692        .       -
        .       Parent=Smp_009990.1;Name=d7a8a12d-a2a1-4e67-
aa6c-481ecee88f01
SM_V9_3 iris    CDS     25719621        25720266        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25723385        25723528        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25725090        25725239        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25729336        25729594        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25730402        25730759        .       -
        0       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25731854        25732076        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25732929        25733022        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25734085        25734382        .       -
        0       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25735321        25735496        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25736327        25736507        .       -
        0       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25736977        25737173        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25738370        25738467        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25739677        25739809        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25739999        25740169        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25742091        25742290        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25743102        25743155        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25743579        25743759        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25745038        25745291        .       -
        1       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25746239        25746392        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25750398        25750499        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25751547        25751805        .       -
        0       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25753311        25753489        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25755322        25755619        .       -
        0       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25756118        25756383        .       -
        2       Parent=Smp_009990.1
SM_V9_3 iris    CDS     25756421        25756520        .       -
        0       Parent=Smp_009990.1
SM_V9_3 iris    gene    25772036        25798861        .       +
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        .
ID=Smp_210660;geneID=Smp_210660;gene_name=Smp_210660;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25772036        25798861        .       +
        .
ID=Smp_210660.1;Parent=Smp_210660;geneID=Smp_210660;gene_name=Smp_21
0660;owner=irisadmin@local.host;orig_id=Smp_210660.1;date_last_modif
ied=2022-07-27;Name=Smp_210660.1;product=Histone-lysine N-
methyltransferase 2E;date_creation=2022-07-26
SM_V9_3 iris    exon    25772036        25772378        .       +
        .       Parent=Smp_210660.1;Name=e36569eb-8d97-4706-a2a4-
adf73e623af9
SM_V9_3 iris    exon    25774028        25774535        .       +
        .       Parent=Smp_210660.1;Name=b81a476a-
c50d-405d-9f62-3df624fa3652
SM_V9_3 iris    exon    25776753        25776842        .       +
        .       Parent=Smp_210660.1;Name=754b2098-d912-4b65-
bbc1-6021ce976f09
SM_V9_3 iris    exon    25777707        25777849        .       +
        .       Parent=Smp_210660.1;Name=22bfd95c-ac8e-4d5f-8a92-
cbe0e0314a50
SM_V9_3 iris    exon    25779339        25779762        .       +
        .       Parent=Smp_210660.1;Name=2f68ee58-
ca9b-4d7a-84f3-6f1a8744bc5f
SM_V9_3 iris    exon    25780918        25781029        .       +
        .       Parent=Smp_210660.1;Name=6c813f7d-f3ce-41f1-ba17-
e0e8b2619a82
SM_V9_3 iris    exon    25781812        25782100        .       +
        .       Parent=Smp_210660.1;Name=28903513-4980-4d16-8cd2-
a3e13699996e
SM_V9_3 iris    exon    25783468        25783617        .       +
        .       Parent=Smp_210660.1;Name=17de8378-affa-476e-
bd8e-0f54b6a4b579
SM_V9_3 iris    exon    25786255        25786348        .       +
        .       Parent=Smp_210660.1;Name=e08a3869-f5c7-488b-
afad-54bbb35716a6
SM_V9_3 iris    exon    25788463        25788569        .       +
        .       Parent=Smp_210660.1;Name=263e6186-f282-4e44-8972-
bbb376a336be
SM_V9_3 iris    exon    25788840        25788957        .       +
        .       Parent=Smp_210660.1;Name=54e2c4c0-6eb5-46fa-
b834-340cb7dcde06
SM_V9_3 iris    exon    25791887        25792125        .       +
        .       Parent=Smp_210660.1;Name=3f20a05b-d345-4e6b-b707-
e69db77b36d1
SM_V9_3 iris    exon    25795809        25796343        .       +
        .       Parent=Smp_210660.1;Name=2f690edf-1595-4e0c-
ba98-40ee2a1691e8
SM_V9_3 iris    exon    25797306        25798861        .       +
        .
Parent=Smp_210660.1;Name=d35111e3-7fa4-462b-8cf3-2c456841ec3d
SM_V9_3 iris    CDS     25772200        25772378        .       +
        0       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25774028        25774535        .       +
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SM_V9_3 iris    CDS     25776753        25776842        .       +
        0       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25777707        25777849        .       +
        0       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25779339        25779762        .       +
        1       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25780918        25781029        .       +
        0       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25781812        25782100        .       +
        2       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25783468        25783617        .       +
        1       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25786255        25786348        .       +
        1       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25788463        25788569        .       +
        0       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25788840        25788957        .       +
        1       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25791887        25792125        .       +
        0       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25795809        25796343        .       +
        1       Parent=Smp_210660.1
SM_V9_3 iris    CDS     25797306        25797368        .       +
        0       Parent=Smp_210660.1
SM_V9_3 Liftoff gene    25811692        25812096        .       +
        .       ID=Smp_192010;geneID=Smp_192010
SM_V9_3 Liftoff mRNA    25811692        25812096        .       +
        .
ID=Smp_192010.1;Parent=Smp_192010;geneID=Smp_192010;product=Putative
defense protein 3
SM_V9_3 Liftoff exon    25811692        25812096        .       +
        .       Parent=Smp_192010.1
SM_V9_3 Liftoff CDS     25811692        25812096        .       +
        0       Parent=Smp_192010.1
SM_V9_3 iris    gene    25826770        25834967        .       +
        .
ID=Smp_210670;geneID=Smp_210670;gene_name=Smp_210670;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25826770        25834967        .       +
        .
ID=Smp_210670.1;Parent=Smp_210670;geneID=Smp_210670;gene_name=Smp_21
0670;owner=irisadmin@local.host;orig_id=Smp_210670.1;date_last_modif
ied=2022-07-27;Name=Smp_210670.1;product=Glucose-induced degradation
protein 8 homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    25826770        25826800        .       +
        .       Parent=Smp_210670.1;Name=f30655de-ad67-42d7-86fc-
cd2c27b48896
SM_V9_3 iris    exon    25832274        25832656        .       +
        .       Parent=Smp_210670.1;Name=f5324957-c7fd-4e1b-a946-
ee38dfbdc966
SM_V9_3 iris    exon    25834224        25834967        .       +
        .       Parent=Smp_210670.1;Name=6ca3d308-d849-4d9c-96df-
eab013d07ab9
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SM_V9_3 iris    CDS     25832327        25832656        .       +
        0       Parent=Smp_210670.1
SM_V9_3 iris    CDS     25834224        25834658        .       +
        0       Parent=Smp_210670.1
SM_V9_3 Liftoff gene    25837202        25866146        .       -
        .       ID=Smp_127490;geneID=Smp_127490
SM_V9_3 Liftoff mRNA    25837202        25866146        .       -
        .
ID=Smp_127490.1;Parent=Smp_127490;geneID=Smp_127490;product=Bloom
syndrome
protein;polypeptide_domain=InterPro:IPR001650,IPR002121,IPR004589,IP
R010997,IPR011545,IPR011991,IPR014001,IPR018982,IPR027417,IPR032284
Pfam:PF00270,PF00271,PF00570,PF09382,PF16124;Ontology_term=GO:000016
6,GO:0003676,GO:0003824,GO:0005524,GO:0005622,GO:0006260,GO:0006281,
GO:0006310,GO:0008026,GO:0043140,GO:0044237
SM_V9_3 Liftoff exon    25837202        25837319        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25838389        25838501        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25839542        25839678        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25841895        25842086        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25842891        25843026        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25847888        25848105        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25848690        25849004        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25850478        25850673        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25854752        25855019        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25857407        25857555        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25857953        25858051        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25858936        25859049        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25860187        25860305        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25863662        25863868        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25864052        25864289        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25864447        25864576        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25864612        25864990        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25865023        25865090        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25865123        25865247        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25865285        25865345        .       -
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        .       Parent=Smp_127490.1
SM_V9_3 Liftoff exon    25865379        25866146        .       -
        .       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25837244        25837319        .       -
        1       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25838389        25838501        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25839542        25839678        .       -
        2       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25841895        25842086        .       -
        2       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25842891        25843026        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25847888        25848105        .       -
        2       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25848690        25849004        .       -
        2       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25850478        25850673        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25854752        25855019        .       -
        1       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25857407        25857555        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25857953        25858051        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25858936        25859049        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25860187        25860305        .       -
        2       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25863662        25863868        .       -
        2       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25864052        25864289        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25864447        25864576        .       -
        1       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25864612        25864990        .       -
        2       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25865023        25865090        .       -
        1       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25865123        25865247        .       -
        0       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25865285        25865345        .       -
        1       Parent=Smp_127490.1
SM_V9_3 Liftoff CDS     25865379        25865398        .       -
        0       Parent=Smp_127490.1
SM_V9_3 iris    gene    25876280        25909577        .       +
        .
ID=Smp_127480;geneID=Smp_127480;gene_name=Smp_127480;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25876280        25909577        .       +
        .
ID=Smp_127480.1;Parent=Smp_127480;geneID=Smp_127480;gene_name=Smp_12
7480;owner=irisadmin@local.host;orig_id=Smp_127480.1;date_last_modif
ied=2022-07-27;Name=Smp_127480.1;product=von Willebrand factor A
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domain-containing protein 3B;date_creation=2022-07-26
SM_V9_3 iris    exon    25876280        25876626        .       +
        .       Parent=Smp_127480.1;Name=1a836a44-
bdb3-4274-80c3-6c755ab6ccb9
SM_V9_3 iris    exon    25876663        25876757        .       +
        .       Parent=Smp_127480.1;Name=be8e7f0c-2b54-4fcd-
b554-2b0d2ca7fb84
SM_V9_3 iris    exon    25876790        25877040        .       +
        .       Parent=Smp_127480.1;Name=fa16c609-b6b2-4efc-9996-
b1f9977a4d94
SM_V9_3 iris    exon    25877074        25877233        .       +
        .       Parent=Smp_127480.1;Name=87ac4c29-
b94e-4ceb-9a14-8e919233cae0
SM_V9_3 iris    exon    25881932        25882104        .       +
        .
Parent=Smp_127480.1;Name=5794feda-6d3c-49b6-98ce-533abdc8f056
SM_V9_3 iris    exon    25886965        25887206        .       +
        .       Parent=Smp_127480.1;Name=5188da92-a4e2-4e67-
a9c6-153069de64d3
SM_V9_3 iris    exon    25890166        25890485        .       +
        .       Parent=Smp_127480.1;Name=2d8e36f8-2422-42b9-
b279-1b9cfb195005
SM_V9_3 iris    exon    25891499        25891711        .       +
        .       Parent=Smp_127480.1;Name=38fe9742-900c-4c92-a54f-
bab4f58c48fc
SM_V9_3 iris    exon    25894032        25894214        .       +
        .
Parent=Smp_127480.1;Name=11b9f18e-266b-4076-895a-081fb3c3cc73
SM_V9_3 iris    exon    25896713        25897024        .       +
        .
Parent=Smp_127480.1;Name=e07d8e86-82f4-4a80-93dc-4bcd781120b0
SM_V9_3 iris    exon    25900590        25901031        .       +
        .       Parent=Smp_127480.1;Name=dbdfbfff-324d-490a-
a585-702b9cba0e4e
SM_V9_3 iris    exon    25902011        25902133        .       +
        .
Parent=Smp_127480.1;Name=7b6a2182-460a-4e89-887f-3e23f4076032
SM_V9_3 iris    exon    25903970        25904030        .       +
        .       Parent=Smp_127480.1;Name=6cd6c405-
d4fd-4db5-8d76-62d51698103e
SM_V9_3 iris    exon    25905295        25905573        .       +
        .       Parent=Smp_127480.1;Name=26bd3f43-bc37-41df-
a9c5-6e8bb8ce9f1e
SM_V9_3 iris    exon    25907149        25907353        .       +
        .       Parent=Smp_127480.1;Name=55eb0a28-b162-423c-af79-
e404b097828a
SM_V9_3 iris    exon    25909156        25909577        .       +
        .
Parent=Smp_127480.1;Name=d98ea832-2e46-4a1e-83d3-65c04a40598d
SM_V9_3 iris    CDS     25876467        25876626        .       +
        0       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25876663        25876757        .       +
        2       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25876790        25877040        .       +
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        0       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25877074        25877233        .       +
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SM_V9_3 iris    CDS     25881932        25882104        .       +
        0       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25886965        25887206        .       +
        1       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25890166        25890485        .       +
        2       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25891499        25891711        .       +
        0       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25894032        25894214        .       +
        0       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25896713        25897024        .       +
        0       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25900590        25901031        .       +
        0       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25902011        25902133        .       +
        2       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25903970        25904030        .       +
        2       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25905295        25905573        .       +
        1       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25907149        25907353        .       +
        1       Parent=Smp_127480.1
SM_V9_3 iris    CDS     25909156        25909293        .       +
        0       Parent=Smp_127480.1
SM_V9_3 Liftoff gene    25914248        25919043        .       -
        .       ID=Smp_127470;geneID=Smp_127470
SM_V9_3 Liftoff mRNA    25914248        25919043        .       -
        .
ID=Smp_127470.1;Parent=Smp_127470;geneID=Smp_127470;product=Phosphom
annomutase
SM_V9_3 Liftoff exon    25914248        25914464        .       -
        .       Parent=Smp_127470.1
SM_V9_3 Liftoff exon    25915307        25915572        .       -
        .       Parent=Smp_127470.1
SM_V9_3 Liftoff exon    25917251        25917320        .       -
        .       Parent=Smp_127470.1
SM_V9_3 Liftoff exon    25918913        25919043        .       -
        .       Parent=Smp_127470.1
SM_V9_3 Liftoff CDS     25914339        25914464        .       -
        0       Parent=Smp_127470.1
SM_V9_3 Liftoff CDS     25915307        25915572        .       -
        2       Parent=Smp_127470.1
SM_V9_3 Liftoff CDS     25917251        25917320        .       -
        0       Parent=Smp_127470.1
SM_V9_3 Liftoff CDS     25918913        25919029        .       -
        0       Parent=Smp_127470.1
SM_V9_3 iris    gene    25926290        25961894        .       +
        .
ID=Smp_127460;geneID=Smp_127460;gene_name=Smp_127460;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    25926290        25955737        .       +
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        .
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7460;owner=irisadmin@local.host;orig_id=Smp_127460.1;date_last_modif
ied=2022-07-27;Name=Smp_127460.2;product=Translin-associated factor
X-interacting protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    25926290        25926516        .       +
        .       Parent=Smp_127460.2;Name=2994ee84-ea87-4464-
bd9a-63f064a403a9
SM_V9_3 iris    exon    25926557        25926663        .       +
        .       Parent=Smp_127460.2;Name=a2db7bea-ca77-411f-a9f7-
ad3b8a9b529a
SM_V9_3 iris    exon    25926706        25926840        .       +
        .       Parent=Smp_127460.2;Name=a1b277e7-4325-46cd-8988-
d9d86339439f
SM_V9_3 iris    exon    25926888        25926957        .       +
        .       Parent=Smp_127460.2;Name=91b063c2-c8fc-4264-ab5b-
f5069a83261b
SM_V9_3 iris    exon    25926993        25927078        .       +
        .
Parent=Smp_127460.2;Name=95f41b59-07c6-4917-8d9a-4aa756a72c0c
SM_V9_3 iris    exon    25929049        25929239        .       +
        .       Parent=Smp_127460.2;Name=24b1b44f-
edd4-4440-83e4-4f22592075b2
SM_V9_3 iris    exon    25930854        25931027        .       +
        .       Parent=Smp_127460.2;Name=c395d0d1-bf58-4c23-8b78-
d81132c62a6d
SM_V9_3 iris    exon    25932996        25933085        .       +
        .       Parent=Smp_127460.2;Name=8a8c0122-10cf-4f92-a048-
d8325af3b92a
SM_V9_3 iris    exon    25935913        25936075        .       +
        .       Parent=Smp_127460.2;Name=b8682a0c-b0b0-48d3-a992-
c1d4d7bdb98f
SM_V9_3 iris    exon    25940181        25940321        .       +
        .
Parent=Smp_127460.2;Name=6418fe16-58e7-4a83-9800-0ca7d64b6b7b
SM_V9_3 iris    exon    25943624        25943677        .       +
        .       Parent=Smp_127460.2;Name=e22096bc-b94d-4c6f-8670-
d415e9101fbf
SM_V9_3 iris    exon    25950396        25950593        .       +
        .       Parent=Smp_127460.2;Name=c873da32-0117-4620-a870-
b8b312620b75
SM_V9_3 iris    exon    25953796        25953889        .       +
        .       Parent=Smp_127460.2;Name=44287621-a29a-4612-
a59b-522907db91f9
SM_V9_3 iris    exon    25954433        25954698        .       +
        .       Parent=Smp_127460.2;Name=19cf5171-9e62-4d1d-93d9-
ac1e824a0b71
SM_V9_3 iris    exon    25955452        25955737        .       +
        .       Parent=Smp_127460.2;Name=f113d4c5-bc3e-4ef5-97ff-
fedb5e7e05e0
SM_V9_3 iris    CDS     25926396        25926516        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25926557        25926663        .       +
        2       Parent=Smp_127460.2
```

```
SM_V9_3 iris    CDS     25926706        25926840        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25926888        25926957        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25926993        25927078        .       +
        2       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25929049        25929239        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25930854        25931027        .       +
        1       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25932996        25933085        .       +
        1       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25935913        25936075        .       +
        1       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25940181        25940321        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25943624        25943677        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25950396        25950593        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25953796        25953889        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25954433        25954698        .       +
        2       Parent=Smp_127460.2
SM_V9_3 iris    CDS     25955452        25955496        .       +
        0       Parent=Smp_127460.2
SM_V9_3 iris    mRNA    25926290        25961894        .       +
        .
ID=Smp_127460.1;Parent=Smp_127460;geneID=Smp_127460;gene_name=Smp_12
7460;owner=irisadmin@local.host;orig_id=Smp_127460.2;date_last_modif
ied=2022-07-27;Name=Smp_127460.1;product=Translin-associated factor
X-interacting protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    25926290        25926516        .       +
        .       Parent=Smp_127460.1;Name=40afd0b3-
b024-4248-8a8d-90351b6b06ae
SM_V9_3 iris    exon    25926557        25926663        .       +
        .       Parent=Smp_127460.1;Name=cc08eabc-b5a6-479b-
bf78-1ff7d802f6e6
SM_V9_3 iris    exon    25926706        25926840        .       +
        .
Parent=Smp_127460.1;Name=871dc3ea-5a8f-4f4a-89df-17d8eef01894
SM_V9_3 iris    exon    25926888        25926957        .       +
        .       Parent=Smp_127460.1;Name=dbeb78f4-d210-4903-af53-
c1e8f9fec881
SM_V9_3 iris    exon    25926993        25927078        .       +
        .       Parent=Smp_127460.1;Name=a5017ba0-3d1a-4f43-
ad73-5cfc681a1d7d
SM_V9_3 iris    exon    25929049        25929239        .       +
        .       Parent=Smp_127460.1;Name=f016970d-799c-47e0-
b5a4-2a447d8610df
SM_V9_3 iris    exon    25930854        25931027        .       +
        .
Parent=Smp_127460.1;Name=325dde8d-4b90-4d35-978b-7b98c591935e
SM_V9_3 iris    exon    25932996        25933085        .       +
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        .       Parent=Smp_127460.1;Name=ba1674b3-9a50-485a-834b-
d5ff3bf7b72a
SM_V9_3 iris    exon    25935913        25936075        .       +
        .       Parent=Smp_127460.1;Name=e50a5e6b-31dd-4e0e-b755-
f5b2ed85fcf5
SM_V9_3 iris    exon    25940181        25940321        .       +
        .       Parent=Smp_127460.1;Name=935eb87b-
c46a-43cd-8aea-7a3f1f52ab93
SM_V9_3 iris    exon    25943624        25943677        .       +
        .       Parent=Smp_127460.1;Name=1ee2aba4-a519-4255-
b641-35a3cc12f365
SM_V9_3 iris    exon    25950396        25950593        .       +
        .       Parent=Smp_127460.1;Name=085095c5-9959-4060-
a1f3-7a5d6e852b5a
SM_V9_3 iris    exon    25953796        25953889        .       +
        .       Parent=Smp_127460.1;Name=80de0b88-93a6-444f-b844-
a52316fa1c2b
SM_V9_3 iris    exon    25954433        25954698        .       +
        .       Parent=Smp_127460.1;Name=e76879a8-
ca38-4841-935c-6fb13721ac71
SM_V9_3 iris    exon    25957395        25957501        .       +
        .       Parent=Smp_127460.1;Name=be024662-6498-4a38-
a915-5ecf6be22295
SM_V9_3 iris    exon    25959158        25961894        .       +
        .       Parent=Smp_127460.1;Name=bf164ad2-73f4-492f-afb4-
e2a36b1d7c6f
SM_V9_3 iris    CDS     25926396        25926516        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25926557        25926663        .       +
        2       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25926706        25926840        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25926888        25926957        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25926993        25927078        .       +
        2       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25929049        25929239        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25930854        25931027        .       +
        1       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25932996        25933085        .       +
        1       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25935913        25936075        .       +
        1       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25940181        25940321        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25943624        25943677        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25950396        25950593        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25953796        25953889        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25954433        25954698        .       +
        2       Parent=Smp_127460.1
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SM_V9_3 iris    CDS     25957395        25957501        .       +
        0       Parent=Smp_127460.1
SM_V9_3 iris    CDS     25959158        25959431        .       +
        1       Parent=Smp_127460.1
SM_V9_3 Liftoff gene    25962221        25974746        .       -
        .       ID=Smp_013040;geneID=Smp_013040
SM_V9_3 Liftoff mRNA    25962221        25974746        .       -
        .
ID=Smp_013040.1;Parent=Smp_013040;geneID=Smp_013040;product=cathepsi
n d (lysosomal aspartyl protease);evidence=Traceable Author
Statement;literature=PMID:9128134;polypeptide_domain=InterPro:IPR001
461,IPR001969,IPR012848,IPR021109,IPR033121
Pfam:PF00026,PF07966;Ontology_term=GO:0004190,GO:0006508
SM_V9_3 Liftoff exon    25962221        25962804        .       -
        .       Parent=Smp_013040.1
SM_V9_3 Liftoff exon    25967866        25968106        .       -
        .       Parent=Smp_013040.1
SM_V9_3 Liftoff exon    25972187        25972309        .       -
        .       Parent=Smp_013040.1
SM_V9_3 Liftoff exon    25973951        25974150        .       -
        .       Parent=Smp_013040.1
SM_V9_3 Liftoff exon    25974192        25974434        .       -
        .       Parent=Smp_013040.1
SM_V9_3 Liftoff exon    25974470        25974608        .       -
        .       Parent=Smp_013040.1
SM_V9_3 Liftoff exon    25974644        25974746        .       -
        .       Parent=Smp_013040.1
SM_V9_3 Liftoff CDS     25962514        25962804        .       -
        0       Parent=Smp_013040.1
SM_V9_3 Liftoff CDS     25967866        25968106        .       -
        1       Parent=Smp_013040.1
SM_V9_3 Liftoff CDS     25972187        25972309        .       -
        1       Parent=Smp_013040.1
SM_V9_3 Liftoff CDS     25973951        25974150        .       -
        0       Parent=Smp_013040.1
SM_V9_3 Liftoff CDS     25974192        25974434        .       -
        0       Parent=Smp_013040.1
SM_V9_3 Liftoff CDS     25974470        25974608        .       -
        1       Parent=Smp_013040.1
SM_V9_3 Liftoff CDS     25974644        25974693        .       -
        0       Parent=Smp_013040.1
SM_V9_3 Liftoff gene    25980260        25980604        .       +
        .       ID=Smp_326170;geneID=Smp_326170
SM_V9_3 Liftoff mRNA    25980260        25980604        .       +
        .
ID=Smp_326170.1;Parent=Smp_326170;geneID=Smp_326170;product=Lysosoma
l aspartic protease;polypeptide_domain=InterPro:IPR021109,IPR033121
Pfam:PF00026
SM_V9_3 Liftoff exon    25980260        25980604        .       +
        .       Parent=Smp_326170.1
SM_V9_3 Liftoff CDS     25980285        25980566        .       +
        0       Parent=Smp_326170.1
SM_V9_3 Liftoff gene    25985761        25990736        .       -
        .       ID=Smp_326180;geneID=Smp_326180
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SM_V9_3 Liftoff mRNA    25985761        25990736        .       -
        .
ID=Smp_326180.1;Parent=Smp_326180;geneID=Smp_326180;product=Tryptoph
an--tRNA ligase
SM_V9_3 Liftoff exon    25985761        25990736        .       -
        .       Parent=Smp_326180.1
SM_V9_3 Liftoff CDS     25988853        25989143        .       -
        0       Parent=Smp_326180.1
SM_V9_3 Liftoff gene    26019185        26019999        .       +
        .       ID=Smp_129160;geneID=Smp_129160
SM_V9_3 Liftoff mRNA    26019185        26019999        .       +
        .
ID=Smp_129160.1;Parent=Smp_129160;geneID=Smp_129160;product=Protein
NRDE2 homolog;polypeptide_domain=InterPro:IPR013633 Pfam:PF08424
SM_V9_3 Liftoff exon    26019185        26019296        .       +
        .       Parent=Smp_129160.1
SM_V9_3 Liftoff exon    26019494        26019652        .       +
        .       Parent=Smp_129160.1
SM_V9_3 Liftoff exon    26019788        26019999        .       +
        .       Parent=Smp_129160.1
SM_V9_3 Liftoff CDS     26019185        26019296        .       +
        0       Parent=Smp_129160.1
SM_V9_3 Liftoff CDS     26019494        26019652        .       +
        2       Parent=Smp_129160.1
SM_V9_3 Liftoff CDS     26019788        26019999        .       +
        2       Parent=Smp_129160.1
SM_V9_3 iris    gene    26023020        26043635        .       +
        .
ID=Smp_013050;geneID=Smp_013050;gene_name=Smp_013050;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26023020        26043635        .       +
        .
ID=Smp_013050.1;Parent=Smp_013050;geneID=Smp_013050;gene_name=Smp_01
3050;owner=irisadmin@local.host;orig_id=Smp_013050.1;date_last_modif
ied=2022-07-27;Name=Smp_013050.1;product=ATP synthase epsilon
chain;date_creation=2022-07-26
SM_V9_3 iris    exon    26023020        26024476        .       +
        .       Parent=Smp_013050.1;Name=04c02558-0f9b-4d6d-9d83-
afbf38522ec8
SM_V9_3 iris    exon    26024516        26024551        .       +
        .
Parent=Smp_013050.1;Name=85319384-5361-44c7-9ba6-46dfcd0f2847
SM_V9_3 iris    exon    26024597        26024786        .       +
        .       Parent=Smp_013050.1;Name=6c3bd5b1-2901-4a6a-8738-
adc3d8387e2a
SM_V9_3 iris    exon    26024824        26024912        .       +
        .       Parent=Smp_013050.1;Name=9e5f3027-
e06b-4402-9972-99b492d23e7a
SM_V9_3 iris    exon    26030254        26030379        .       +
        .       Parent=Smp_013050.1;Name=9ffd2c25-
eb21-4cfc-9d3c-4b05561d6b9e
SM_V9_3 iris    exon    26030445        26030579        .       +
        .       Parent=Smp_013050.1;Name=dbc1ec80-c309-4126-
bef6-996cc4e50f7f
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SM_V9_3 iris    exon    26030618        26030679        .       +
        .       Parent=Smp_013050.1;Name=3f8d278b-85b4-4695-
abcf-3cf2d8d1d104
SM_V9_3 iris    exon    26034089        26034184        .       +
        .       Parent=Smp_013050.1;Name=96119499-f10b-483a-
be31-6d5812369751
SM_V9_3 iris    exon    26037761        26037834        .       +
        .       Parent=Smp_013050.1;Name=b01b9354-bda6-4f65-
b354-92330221af60
SM_V9_3 iris    exon    26039663        26039907        .       +
        .       Parent=Smp_013050.1;Name=b02a3814-3876-4189-97ba-
f9e4b237dca7
SM_V9_3 iris    exon    26042963        26043635        .       +
        .       Parent=Smp_013050.1;Name=ceee5e8d-1a50-47d1-
a029-99c13d264c56
SM_V9_3 iris    CDS     26024405        26024476        .       +
        0       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26024516        26024551        .       +
        0       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26024597        26024786        .       +
        0       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26024824        26024912        .       +
        2       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26030254        26030379        .       +
        0       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26030445        26030579        .       +
        0       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26030618        26030679        .       +
        0       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26034089        26034184        .       +
        1       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26037761        26037834        .       +
        1       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26039663        26039907        .       +
        2       Parent=Smp_013050.1
SM_V9_3 iris    CDS     26042963        26043082        .       +
        0       Parent=Smp_013050.1
SM_V9_3 iris    gene    26061720        26075227        .       +
        .
ID=Smp_013060;geneID=Smp_013060;gene_name=Smp_013060;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26061720        26075227        .       +
        .
ID=Smp_013060.1;Parent=Smp_013060;geneID=Smp_013060;gene_name=Smp_01
3060;owner=irisadmin@local.host;orig_id=Smp_013060.3;date_last_modif
ied=2022-07-27;Name=Smp_013060.1;product=smad family member
1;date_creation=2022-07-26
SM_V9_3 iris    exon    26061720        26061765        .       +
        .       Parent=Smp_013060.1;Name=4289e4b1-c6ec-49cf-
b8ec-580b9a59c1aa
SM_V9_3 iris    exon    26063513        26064075        .       +
        .       Parent=Smp_013060.1;Name=6322d57b-ce21-4260-
b9b7-67c234ec5de4
SM_V9_3 iris    exon    26064708        26064974        .       +
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        .       Parent=Smp_013060.1;Name=5f1567ef-2921-4d66-
bb16-31da06370457
SM_V9_3 iris    exon    26066291        26066353        .       +
        .       Parent=Smp_013060.1;Name=3d55e861-5fdc-4e8a-8056-
f5e4b356dd46
SM_V9_3 iris    exon    26071862        26072083        .       +
        .       Parent=Smp_013060.1;Name=30187b0f-40f3-4a65-9099-
baca5a70a9c9
SM_V9_3 iris    exon    26073242        26075227        .       +
        .
Parent=Smp_013060.1;Name=89ce8748-0b70-4f5d-88e3-676cad7963a5
SM_V9_3 iris    CDS     26063661        26064075        .       +
        0       Parent=Smp_013060.1
SM_V9_3 iris    CDS     26064708        26064974        .       +
        2       Parent=Smp_013060.1
SM_V9_3 iris    CDS     26066291        26066353        .       +
        2       Parent=Smp_013060.1
SM_V9_3 iris    CDS     26071862        26072083        .       +
        2       Parent=Smp_013060.1
SM_V9_3 iris    CDS     26073242        26073642        .       +
        2       Parent=Smp_013060.1
SM_V9_3 Liftoff gene    26118250        26121626        .       +
        .       ID=Smp_326190;geneID=Smp_326190
SM_V9_3 Liftoff mRNA    26118250        26121626        .       +
        .
ID=Smp_326190.1;Parent=Smp_326190;geneID=Smp_326190;product=Diaminop
imelate epimerase
SM_V9_3 Liftoff exon    26118250        26121626        .       +
        .       Parent=Smp_326190.1
SM_V9_3 Liftoff CDS     26121002        26121190        .       +
        0       Parent=Smp_326190.1
SM_V9_3 iris    gene    26127359        26130746        .       -
        .
ID=Smp_013070;geneID=Smp_013070;gene_name=Smp_013070;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    26127359        26130746        .       -
        .
ID=Smp_013070.1;Parent=Smp_013070;geneID=Smp_013070;gene_name=Smp_01
3070;owner=irisadmin@local.host;orig_id=Smp_013070.1;date_last_modif
ied=2022-07-27;Name=Smp_013070.1;product=Hepatocyte nuclear factor
6;date_creation=2022-07-27
SM_V9_3 iris    exon    26127359        26129262        .       -
        .       Parent=Smp_013070.1;Name=14f71359-f4e9-46ab-9844-
f913e9c584d5
SM_V9_3 iris    exon    26129297        26129516        .       -
        .       Parent=Smp_013070.1;Name=ff525f6d-ff49-4894-
b9e2-6d05faf9671a
SM_V9_3 iris    exon    26129555        26129646        .       -
        .       Parent=Smp_013070.1;Name=3e91e335-6de6-4b25-8b09-
abc402c7a167
SM_V9_3 iris    exon    26129680        26129793        .       -
        .
Parent=Smp_013070.1;Name=3f4c54c8-8ea3-4d25-8a14-557e9207d649
SM_V9_3 iris    exon    26129825        26130746        .       -
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        .       Parent=Smp_013070.1;Name=4aca9298-16c7-4f24-
b6e0-815516a1c02a
SM_V9_3 iris    CDS     26128181        26129262        .       -
        2       Parent=Smp_013070.1
SM_V9_3 iris    CDS     26129297        26129516        .       -
        0       Parent=Smp_013070.1
SM_V9_3 iris    CDS     26129555        26129646        .       -
        2       Parent=Smp_013070.1
SM_V9_3 iris    CDS     26129680        26129793        .       -
        2       Parent=Smp_013070.1
SM_V9_3 iris    CDS     26129825        26130602        .       -
        0       Parent=Smp_013070.1
SM_V9_3 Liftoff gene    26148548        26179618        .       +
        .       ID=Smp_013080;geneID=Smp_013080
SM_V9_3 Liftoff mRNA    26148548        26179618        .       +
        .
ID=Smp_013080.1;Parent=Smp_013080;geneID=Smp_013080;product=IQ and
AAA domain-containing protein
1;polypeptide_domain=InterPro:IPR000048,IPR003959,IPR027417
Pfam:PF00004,PF00612;Ontology_term=GO:0005515,GO:0005524
SM_V9_3 Liftoff exon    26148548        26149395        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26157467        26157652        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26160132        26160203        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26160862        26161073        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26163997        26164105        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26165607        26165705        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26167340        26167415        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26169597        26169703        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26170392        26170540        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26172579        26172769        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26173716        26173999        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26175613        26175790        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26177025        26177263        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff exon    26179243        26179618        .       +
        .       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26149210        26149395        .       +
        0       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26157467        26157652        .       +
        0       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26160132        26160203        .       +
        0       Parent=Smp_013080.1
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SM_V9_3 Liftoff CDS     26160862        26161073        .       +
        0       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26163997        26164105        .       +
        1       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26165607        26165705        .       +
        0       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26167340        26167415        .       +
        0       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26169597        26169703        .       +
        2       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26170392        26170540        .       +
        0       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26172579        26172769        .       +
        1       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26173716        26173999        .       +
        2       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26175613        26175790        .       +
        0       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26177025        26177263        .       +
        2       Parent=Smp_013080.1
SM_V9_3 Liftoff CDS     26179243        26179356        .       +
        0       Parent=Smp_013080.1
SM_V9_3 iris    gene    26181625        26251371        .       -
        .
ID=Smp_243700;geneID=Smp_243700;gene_name=Smp_243700;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    26181625        26251371        .       -
        .
ID=Smp_243700.1;Parent=Smp_243700;geneID=Smp_243700;gene_name=Smp_24
3700;owner=irisadmin@local.host;orig_id=Smp_243700.2;date_last_modif
ied=2022-07-27;Name=Smp_243700.1;product=Dual specificity tyrosine-
phosphorylation-regulated kinase 2;date_creation=2022-07-27
SM_V9_3 iris    exon    26181625        26185895        .       -
        .       Parent=Smp_243700.1;Name=27330231-
e4da-48be-96a0-0d01703f445c
SM_V9_3 iris    exon    26187649        26188309        .       -
        .       Parent=Smp_243700.1;Name=0b87075e-ad5f-4a79-8873-
c34ef5d62e36
SM_V9_3 iris    exon    26193336        26193529        .       -
        .
Parent=Smp_243700.1;Name=bc4447ae-9b47-4982-95ab-9d3874154a4e
SM_V9_3 iris    exon    26194844        26194997        .       -
        .       Parent=Smp_243700.1;Name=3a5cb75b-c2ce-4f97-83fd-
cab688cae5b8
SM_V9_3 iris    exon    26251102        26251371        .       -
        .       Parent=Smp_243700.1;Name=fc85eebd-b99e-437a-97b6-
eee0797c0fce
SM_V9_3 iris    CDS     26182975        26185895        .       -
        2       Parent=Smp_243700.1
SM_V9_3 iris    CDS     26187649        26188309        .       -
        0       Parent=Smp_243700.1
SM_V9_3 iris    CDS     26193336        26193529        .       -
        2       Parent=Smp_243700.1
SM_V9_3 iris    CDS     26194844        26194997        .       -
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        0       Parent=Smp_243700.1
SM_V9_3 iris    CDS     26251102        26251284        .       -
        0       Parent=Smp_243700.1
SM_V9_3 iris    gene    26253590        26262702        .       +
        .
ID=Smp_308550;geneID=Smp_308550;gene_name=Smp_308550;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26253590        26262702        .       +
        .
ID=Smp_308550.1;Parent=Smp_308550;geneID=Smp_308550;gene_name=Smp_30
8550;owner=irisadmin@local.host;orig_id=Smp_308550.1;date_last_modif
ied=2022-07-27;Name=Smp_308550.1;product=Methyltransferase-like
protein 16;date_creation=2022-07-26
SM_V9_3 iris    exon    26253590        26255041        .       +
        .       Parent=Smp_308550.1;Name=e3815e15-575e-4ba6-a653-
f7e649107472
SM_V9_3 iris    exon    26255080        26255262        .       +
        .       Parent=Smp_308550.1;Name=2027f2fe-c0c0-48f8-9e2a-
ec06707f3555
SM_V9_3 iris    exon    26255696        26255963        .       +
        .       Parent=Smp_308550.1;Name=043ad007-
f720-4eed-9371-9e0f35ab1510
SM_V9_3 iris    exon    26257196        26257355        .       +
        .       Parent=Smp_308550.1;Name=dc370602-1aeb-4e7a-
aef5-471207949f8f
SM_V9_3 iris    exon    26258798        26258935        .       +
        .       Parent=Smp_308550.1;Name=6281c2da-397f-4bdf-
a859-80b8da2d9c64
SM_V9_3 iris    exon    26261696        26262702        .       +
        .       Parent=Smp_308550.1;Name=c85f3741-c2ee-4440-
ae74-67ebc7be26ff
SM_V9_3 iris    CDS     26254777        26255041        .       +
        0       Parent=Smp_308550.1
SM_V9_3 iris    CDS     26255080        26255262        .       +
        2       Parent=Smp_308550.1
SM_V9_3 iris    CDS     26255696        26255963        .       +
        2       Parent=Smp_308550.1
SM_V9_3 iris    CDS     26257196        26257355        .       +
        1       Parent=Smp_308550.1
SM_V9_3 iris    CDS     26258798        26258935        .       +
        0       Parent=Smp_308550.1
SM_V9_3 iris    CDS     26261696        26262520        .       +
        0       Parent=Smp_308550.1
SM_V9_3 iris    gene    26265260        26292249        .       -
        .
ID=Smp_129130;geneID=Smp_129130;gene_name=Smp_129130;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26265260        26292249        .       -
        .
ID=Smp_129130.1;Parent=Smp_129130;geneID=Smp_129130;gene_name=Smp_12
9130;owner=irisadmin@local.host;orig_id=Smp_129130.1;date_last_modif
ied=2022-07-27;Name=Smp_129130.1;product=ATP-dependent DNA helicase
Q5;date_creation=2022-07-26
SM_V9_3 iris    exon    26265260        26265936        .       -
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        .       Parent=Smp_129130.1;Name=5764d68c-ac48-4e38-9115-
ef51ed5d471b
SM_V9_3 iris    exon    26266926        26266995        .       -
        .
Parent=Smp_129130.1;Name=b2d02ccb-80bd-4003-9082-1a000587ccd7
SM_V9_3 iris    exon    26268511        26268612        .       -
        .       Parent=Smp_129130.1;Name=3e98387b-4954-4b8b-aa6c-
a940a6f59e56
SM_V9_3 iris    exon    26269963        26270571        .       -
        .       Parent=Smp_129130.1;Name=409128a9-0604-4ed9-a51e-
be970c8b1ac1
SM_V9_3 iris    exon    26272700        26272978        .       -
        .
Parent=Smp_129130.1;Name=47c50d65-3d69-4a0f-8534-1c7d25870223
SM_V9_3 iris    exon    26275929        26276153        .       -
        .       Parent=Smp_129130.1;Name=d846f887-
c38e-4d69-93cf-8eb8ff411239
SM_V9_3 iris    exon    26278379        26278522        .       -
        .       Parent=Smp_129130.1;Name=e65b125e-5283-4d4f-
aec4-189a670f9f96
SM_V9_3 iris    exon    26283778        26283975        .       -
        .
Parent=Smp_129130.1;Name=a039cbe1-9141-43c2-91aa-893ce3fe5588
SM_V9_3 iris    exon    26285643        26285854        .       -
        .       Parent=Smp_129130.1;Name=9a589de1-a824-4697-9680-
cf15c9ba040f
SM_V9_3 iris    exon    26286656        26286783        .       -
        .       Parent=Smp_129130.1;Name=38081f74-7bee-4b52-a281-
bff5d28c9c56
SM_V9_3 iris    exon    26287853        26287935        .       -
        .       Parent=Smp_129130.1;Name=7f2e80f3-848d-45b5-a31c-
d05ed7e9b53f
SM_V9_3 iris    exon    26287974        26288127        .       -
        .       Parent=Smp_129130.1;Name=e775c552-458a-434f-9379-
c0f9df614c5f
SM_V9_3 iris    exon    26291076        26291293        .       -
        .       Parent=Smp_129130.1;Name=1a444be0-
ab5e-4af8-84e1-4ec114283176
SM_V9_3 iris    exon    26291337        26292036        .       -
        .       Parent=Smp_129130.1;Name=6720eb95-11fd-4ab8-
ad7e-64300ab2cf66
SM_V9_3 iris    exon    26292076        26292249        .       -
        .       Parent=Smp_129130.1;Name=1d07d9dd-d527-4a8b-
a64e-4087cd786eb3
SM_V9_3 iris    CDS     26265809        26265936        .       -
        2       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26266926        26266995        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26268511        26268612        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26269963        26270571        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26272700        26272978        .       -
        0       Parent=Smp_129130.1
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SM_V9_3 iris    CDS     26275929        26276153        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26278379        26278522        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26283778        26283975        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26285643        26285854        .       -
        2       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26286656        26286783        .       -
        1       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26287853        26287935        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26287974        26288127        .       -
        1       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26291076        26291293        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    CDS     26291337        26292020        .       -
        0       Parent=Smp_129130.1
SM_V9_3 iris    gene    26300010        26353345        .       -
        .
ID=Smp_129120;geneID=Smp_129120;gene_name=Smp_129120;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26300010        26353345        .       -
        .
ID=Smp_129120.1;Parent=Smp_129120;geneID=Smp_129120;gene_name=Smp_12
9120;owner=irisadmin@local.host;orig_id=Smp_129120.2;date_last_modif
ied=2022-07-27;Name=Smp_129120.1;product=Leucine-rich repeat protein
SHOC-2;date_creation=2022-07-26
SM_V9_3 iris    exon    26300010        26301240        .       -
        .       Parent=Smp_129120.1;Name=82fcd2cc-40f5-4923-
af5d-6f1029b28cea
SM_V9_3 iris    exon    26302339        26302508        .       -
        .       Parent=Smp_129120.1;Name=7cf16f4a-7ef5-4c56-94fb-
fc797d5bbef9
SM_V9_3 iris    exon    26304551        26304618        .       -
        .       Parent=Smp_129120.1;Name=220dce5e-86d4-42fe-b058-
b1c55db176c9
SM_V9_3 iris    exon    26307061        26307130        .       -
        .
Parent=Smp_129120.1;Name=bcd19ca5-1fc3-4f95-8b94-71a8f83da017
SM_V9_3 iris    exon    26308632        26308719        .       -
        .
Parent=Smp_129120.1;Name=f01352c3-8753-4344-85db-4acdc8084b38
SM_V9_3 iris    exon    26314485        26314609        .       -
        .       Parent=Smp_129120.1;Name=007cb256-854c-4afa-8b85-
d7929e2166c7
SM_V9_3 iris    exon    26316038        26316152        .       -
        .       Parent=Smp_129120.1;Name=55df4bea-bc09-4206-
a445-2de92c5e4495
SM_V9_3 iris    exon    26318813        26318917        .       -
        .       Parent=Smp_129120.1;Name=3915f414-cc4e-442c-ac2c-
f0cd2a56e354
SM_V9_3 iris    exon    26321519        26321612        .       -
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Parent=Smp_129120.1;Name=17c6d5bc-751b-44c0-95a7-9f6b23eb9d50
SM_V9_3 iris    exon    26322826        26322934        .       -
        .       Parent=Smp_129120.1;Name=d7b5845c-2546-47a0-a516-
dee653b7f989
SM_V9_3 iris    exon    26327314        26327440        .       -
        .       Parent=Smp_129120.1;Name=77df6f04-
da0f-47a2-85eb-3da1fd43ca45
SM_V9_3 iris    exon    26330862        26331088        .       -
        .
Parent=Smp_129120.1;Name=143cd973-0b42-4874-89cc-3b81e5879730
SM_V9_3 iris    exon    26332379        26332535        .       -
        .       Parent=Smp_129120.1;Name=e9a8ddf9-edef-46e8-ade4-
e505fa3752c7
SM_V9_3 iris    exon    26336452        26336580        .       -
        .       Parent=Smp_129120.1;Name=5d6a269d-3914-47aa-b85b-
c9d4ac0f51b8
SM_V9_3 iris    exon    26346062        26346235        .       -
        .       Parent=Smp_129120.1;Name=d3c0d910-95cd-4052-
bf6a-3765bfd96292
SM_V9_3 iris    exon    26353294        26353345        .       -
        .       Parent=Smp_129120.1;Name=d0440e69-5bbd-42f5-a971-
d8434b538b60
SM_V9_3 iris    CDS     26301205        26301240        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26302339        26302508        .       -
        2       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26304551        26304618        .       -
        1       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26307061        26307130        .       -
        2       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26308632        26308719        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26314485        26314609        .       -
        2       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26316038        26316152        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26318813        26318917        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26321519        26321612        .       -
        1       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26322826        26322934        .       -
        2       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26327314        26327440        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26330862        26331088        .       -
        2       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26332379        26332535        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26336452        26336580        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    CDS     26346062        26346202        .       -
        0       Parent=Smp_129120.1
SM_V9_3 iris    gene    26366023        26393009        .       +
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ID=Smp_129110;geneID=Smp_129110;gene_name=Smp_129110;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26366023        26393009        .       +
       .
ID=Smp_129110.1;Parent=Smp_129110;geneID=Smp_129110;gene_name=Smp_12
9110;owner=irisadmin@local.host;orig_id=Smp_129110.3;date_last_modif
ied=2022-07-27;Name=Smp_129110.1;product=Fanconi-associated nuclease
1 homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    26366023        26366084        .       +
       .       Parent=Smp_129110.1;Name=4babea9c-1971-415e-
a76a-4de6d6989461
SM_V9_3 iris    exon    26369864        26370024        .       +
       .
Parent=Smp_129110.1;Name=861e4f4f-2fb6-4e67-9aae-59f570f25e69
SM_V9_3 iris    exon    26370066        26370191        .       +
       .
Parent=Smp_129110.1;Name=a23ee75b-9eab-4fb9-9648-651925f73386
SM_V9_3 iris    exon    26370243        26370380        .       +
       .       Parent=Smp_129110.1;Name=6f8a49c6-cb11-444d-
ab0f-88b403a21d89
SM_V9_3 iris    exon    26370432        26370636        .       +
       .       Parent=Smp_129110.1;Name=c31205c2-1731-4455-ab8d-
ae7678b64a0e
SM_V9_3 iris    exon    26372965        26373117        .       +
       .
Parent=Smp_129110.1;Name=722feca2-3997-46fe-89e9-11e588c4aef1
SM_V9_3 iris    exon    26378087        26378185        .       +
       .       Parent=Smp_129110.1;Name=3ea0b907-cd03-4a87-abbe-
f91f37cbfd0a
SM_V9_3 iris    exon    26378247        26378366        .       +
       .       Parent=Smp_129110.1;Name=0aeaf781-
a7b9-4d7d-98db-1bd8602b326f
SM_V9_3 iris    exon    26381177        26381909        .       +
       .       Parent=Smp_129110.1;Name=998aa47b-4af1-4f5a-
a6b1-3841c27d7a20
SM_V9_3 iris    exon    26384113        26384305        .       +
       .       Parent=Smp_129110.1;Name=c659aa83-ce30-42a2-
be67-4749055cc47e
SM_V9_3 iris    exon    26387316        26387527        .       +
       .       Parent=Smp_129110.1;Name=e46e44cc-78d6-4416-
b835-1cf261e8fd6b
SM_V9_3 iris    exon    26388554        26388661        .       +
       .       Parent=Smp_129110.1;Name=7c0d35db-b3cb-46c1-8275-
fc8614c987f4
SM_V9_3 iris    exon    26389479        26389607        .       +
       .       Parent=Smp_129110.1;Name=c82e00b6-d14e-4cd1-
a71c-07e51c646c2c
SM_V9_3 iris    exon    26390609        26390714        .       +
       .       Parent=Smp_129110.1;Name=a2c86928-f386-4eb1-
b3d3-6195ee653307
SM_V9_3 iris    exon    26392798        26393009        .       +
       .       Parent=Smp_129110.1;Name=f2162388-c0e8-469b-b804-
ea9c395745da
SM_V9_3 iris    CDS     26369952        26370024        .       +
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        0       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26370066        26370191        .       +
        2       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26370243        26370380        .       +
        2       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26370432        26370636        .       +
        2       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26372965        26373117        .       +
        1       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26378087        26378185        .       +
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SM_V9_3 iris    CDS     26378247        26378366        .       +
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SM_V9_3 iris    CDS     26381177        26381909        .       +
        1       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26384113        26384305        .       +
        0       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26387316        26387527        .       +
        2       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26388554        26388661        .       +
        0       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26389479        26389607        .       +
        0       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26390609        26390714        .       +
        0       Parent=Smp_129110.1
SM_V9_3 iris    CDS     26392798        26392838        .       +
        2       Parent=Smp_129110.1
SM_V9_3 Liftoff gene    26395857        26407229        .       -
        .       ID=Smp_012980;geneID=Smp_012980
SM_V9_3 Liftoff mRNA    26395857        26407229        .       -
        .
ID=Smp_012980.1;Parent=Smp_012980;geneID=Smp_012980;product=Eukaryot
ic translation initiation factor 3 subunit J-
A;polypeptide_domain=InterPro:IPR013906,IPR023194
Pfam:PF08597;Ontology_term=GO:0003743,GO:0005737,GO:0005852
SM_V9_3 Liftoff exon    26395857        26396702        .       -
        .       Parent=Smp_012980.1
SM_V9_3 Liftoff exon    26399111        26399184        .       -
        .       Parent=Smp_012980.1
SM_V9_3 Liftoff exon    26399232        26399289        .       -
        .       Parent=Smp_012980.1
SM_V9_3 Liftoff exon    26399324        26399439        .       -
        .       Parent=Smp_012980.1
SM_V9_3 Liftoff exon    26399479        26399707        .       -
        .       Parent=Smp_012980.1
SM_V9_3 Liftoff exon    26407019        26407095        .       -
        .       Parent=Smp_012980.1
SM_V9_3 Liftoff exon    26407136        26407229        .       -
        .       Parent=Smp_012980.1
SM_V9_3 Liftoff CDS     26396592        26396702        .       -
        0       Parent=Smp_012980.1
SM_V9_3 Liftoff CDS     26399111        26399184        .       -
        2       Parent=Smp_012980.1
SM_V9_3 Liftoff CDS     26399232        26399289        .       -
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        0       Parent=Smp_012980.1
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        2       Parent=Smp_012980.1
SM_V9_3 Liftoff CDS     26399479        26399707        .       -
        0       Parent=Smp_012980.1
SM_V9_3 Liftoff CDS     26407019        26407095        .       -
        2       Parent=Smp_012980.1
SM_V9_3 Liftoff CDS     26407136        26407148        .       -
        0       Parent=Smp_012980.1
SM_V9_3 Liftoff gene    26422063        26427932        .       +
        .
ID=Smp_308590;geneID=Smp_308590;previous_systematic_id=Smp_012970
SM_V9_3 Liftoff mRNA    26422063        26427932        .       +
        .
ID=Smp_308590.1;Parent=Smp_308590;geneID=Smp_308590;product=Myotubul
arin-related protein
4;polypeptide_domain=InterPro:IPR010569,IPR011993,IPR029021
Pfam:PF06602
SM_V9_3 Liftoff exon    26422063        26427052        .       +
        .       Parent=Smp_308590.1
SM_V9_3 Liftoff exon    26427093        26427241        .       +
        .       Parent=Smp_308590.1
SM_V9_3 Liftoff exon    26427300        26427326        .       +
        .       Parent=Smp_308590.1
SM_V9_3 Liftoff exon    26427374        26427473        .       +
        .       Parent=Smp_308590.1
SM_V9_3 Liftoff exon    26427515        26427628        .       +
        .       Parent=Smp_308590.1
SM_V9_3 Liftoff exon    26427666        26427932        .       +
        .       Parent=Smp_308590.1
SM_V9_3 Liftoff CDS     26426838        26427052        .       +
        0       Parent=Smp_308590.1
SM_V9_3 Liftoff CDS     26427093        26427241        .       +
        1       Parent=Smp_308590.1
SM_V9_3 Liftoff CDS     26427300        26427326        .       +
        2       Parent=Smp_308590.1
SM_V9_3 Liftoff CDS     26427374        26427473        .       +
        2       Parent=Smp_308590.1
SM_V9_3 Liftoff CDS     26427515        26427628        .       +
        1       Parent=Smp_308590.1
SM_V9_3 Liftoff CDS     26427666        26427840        .       +
        1       Parent=Smp_308590.1
SM_V9_3 iris    gene    26438893        26469944        .       +
        .
ID=Smp_308600;geneID=Smp_308600;gene_name=Smp_308600;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26438893        26469944        .       +
        .
ID=Smp_308600.1;Parent=Smp_308600;geneID=Smp_308600;gene_name=Smp_30
8600;owner=irisadmin@local.host;orig_id=Smp_308600.1;date_last_modif
ied=2022-07-27;Name=Smp_308600.1;product=Myotubularin-related
protein 3;date_creation=2022-07-26
SM_V9_3 iris    exon    26438893        26438943        .       +
        .       Parent=Smp_308600.1;Name=cc6695c4-48d8-4250-
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ac12-5e5a7c7b98fe
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        .       Parent=Smp_308600.1;Name=2035ad77-9649-4f26-
b1f3-5d8c617b8750
SM_V9_3 iris    exon    26443884        26444032        .       +
        .       Parent=Smp_308600.1;Name=608c9fdc-d111-4d19-93d2-
f31c63823890
SM_V9_3 iris    exon    26444091        26444117        .       +
        .       Parent=Smp_308600.1;Name=7741d754-2b34-4e81-8523-
f744373bc23a
SM_V9_3 iris    exon    26444165        26444264        .       +
        .
Parent=Smp_308600.1;Name=127b0e0a-1ccf-4208-82f5-7fdf675ce54e
SM_V9_3 iris    exon    26444306        26444419        .       +
        .       Parent=Smp_308600.1;Name=3b49c5fb-bba1-409e-8ddb-
a13f762b7580
SM_V9_3 iris    exon    26444457        26444599        .       +
        .       Parent=Smp_308600.1;Name=efd97e9b-72a7-4e0c-8acd-
cfb9e7661079
SM_V9_3 iris    exon    26445422        26445614        .       +
        .       Parent=Smp_308600.1;Name=026ac0ac-766e-44ad-
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SM_V9_3 iris    exon    26446479        26446674        .       +
        .       Parent=Smp_308600.1;Name=f4224150-aae4-42db-8f09-
bbb31248a1f6
SM_V9_3 iris    exon    26446762        26446947        .       +
        .
Parent=Smp_308600.1;Name=f5bccb85-7b66-4cc3-9dad-5c8b290a184e
SM_V9_3 iris    exon    26447836        26448006        .       +
        .       Parent=Smp_308600.1;Name=0e629872-9128-4158-
b827-684472ba3622
SM_V9_3 iris    exon    26453966        26455291        .       +
        .
Parent=Smp_308600.1;Name=407d05a5-342f-42a0-8902-8e332efa2c29
SM_V9_3 iris    exon    26457026        26457310        .       +
        .
Parent=Smp_308600.1;Name=3a7ecb83-11f2-45de-97cf-616f60a89509
SM_V9_3 iris    exon    26458662        26459087        .       +
        .
Parent=Smp_308600.1;Name=f22036a4-411e-4a03-8547-1341b2f003b3
SM_V9_3 iris    exon    26465161        26465571        .       +
        .       Parent=Smp_308600.1;Name=1ff033bb-7f3f-479c-
bf8c-8c0deb162eda
SM_V9_3 iris    exon    26466701        26466915        .       +
        .       Parent=Smp_308600.1;Name=efc71886-d872-4309-b5b1-
ae5372e34381
SM_V9_3 iris    exon    26467817        26469944        .       +
        .       Parent=Smp_308600.1;Name=4c2ab8ed-c1f9-4957-
aec9-320dd2dd68d7
SM_V9_3 iris    CDS     26443629        26443843        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26443884        26444032        .       +
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SM_V9_3 iris    CDS     26444091        26444117        .       +
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        2       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26444165        26444264        .       +
        2       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26444306        26444419        .       +
        1       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26444457        26444599        .       +
        1       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26445422        26445614        .       +
        2       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26446479        26446674        .       +
        1       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26446762        26446947        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26447836        26448006        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26453966        26455291        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26457026        26457310        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26458662        26459087        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26465161        26465571        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26466701        26466915        .       +
        0       Parent=Smp_308600.1
SM_V9_3 iris    CDS     26467817        26468348        .       +
        1       Parent=Smp_308600.1
SM_V9_3 iris    gene    26513229        26534129        .       -
        .
ID=Smp_243690;geneID=Smp_243690;gene_name=Smp_243690;owner=irisadmin
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SM_V9_3 iris    mRNA    26513229        26534129        .       -
        .
ID=Smp_243690.1;Parent=Smp_243690;geneID=Smp_243690;gene_name=Smp_24
3690;owner=irisadmin@local.host;orig_id=Smp_243690.2;date_last_modif
ied=2022-07-27;Name=Smp_243690.1;product=Translational regulator
orb2;date_creation=2022-07-26
SM_V9_3 iris    exon    26513229        26514888        .       -
        .       Parent=Smp_243690.1;Name=e71dfe17-23a0-4601-
b1bb-5441df8e3321
SM_V9_3 iris    exon    26516662        26516843        .       -
        .       Parent=Smp_243690.1;Name=2b93fdb3-bb72-49a4-9874-
ca02758dc70c
SM_V9_3 iris    exon    26523978        26524092        .       -
        .       Parent=Smp_243690.1;Name=bc5af980-abee-4e3d-
a6ce-617cc8184165
SM_V9_3 iris    exon    26528044        26528162        .       -
        .
Parent=Smp_243690.1;Name=cb96e239-074b-4b10-88b6-1b0148b79ef0
SM_V9_3 iris    exon    26528902        26528991        .       -
        .       Parent=Smp_243690.1;Name=ffbe7f7f-
c04a-4660-8625-9b9afb6cb267
SM_V9_3 iris    exon    26531777        26533961        .       -
        .       Parent=Smp_243690.1;Name=ebc5a60b-fc91-4b31-
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aa99-359b1a1321bf
SM_V9_3 iris    exon    26534078        26534129        .       -
        .       Parent=Smp_243690.1;Name=b4b7a93e-26d0-4d5e-8910-
cd6f617e4f02
SM_V9_3 iris    CDS     26514664        26514888        .       -
        0       Parent=Smp_243690.1
SM_V9_3 iris    CDS     26516662        26516843        .       -
        2       Parent=Smp_243690.1
SM_V9_3 iris    CDS     26523978        26524092        .       -
        0       Parent=Smp_243690.1
SM_V9_3 iris    CDS     26528044        26528162        .       -
        2       Parent=Smp_243690.1
SM_V9_3 iris    CDS     26528902        26528991        .       -
        2       Parent=Smp_243690.1
SM_V9_3 iris    CDS     26531777        26533961        .       -
        0       Parent=Smp_243690.1
SM_V9_3 iris    gene    26542943        26553215        .       +
        .
ID=Smp_026390;geneID=Smp_026390;gene_name=Smp_026390;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26542943        26553215        .       +
        .
ID=Smp_026390.1;Parent=Smp_026390;geneID=Smp_026390;gene_name=Smp_02
6390;owner=irisadmin@local.host;orig_id=Smp_026390.1;date_last_modif
ied=2022-07-27;Name=Smp_026390.1;product=AN1-type zinc finger
protein 2B;date_creation=2022-07-26
SM_V9_3 iris    exon    26542943        26543033        .       +
        .
Parent=Smp_026390.1;Name=23beca5f-3785-4afb-9f4e-151702b09967
SM_V9_3 iris    exon    26545806        26545878        .       +
        .       Parent=Smp_026390.1;Name=abb34d40-9fef-4bac-
ace1-3cad26a4e844
SM_V9_3 iris    exon    26545912        26546141        .       +
        .       Parent=Smp_026390.1;Name=71bdbca3-
cf7e-401f-8aa3-013b026930e7
SM_V9_3 iris    exon    26551662        26551889        .       +
        .       Parent=Smp_026390.1;Name=29d9bc4d-5f61-4a90-
bff7-36f046ac1267
SM_V9_3 iris    exon    26552670        26553215        .       +
        .       Parent=Smp_026390.1;Name=6c817c45-3a8a-4878-a5d6-
ce06ff06375f
SM_V9_3 iris    CDS     26545824        26545878        .       +
        0       Parent=Smp_026390.1
SM_V9_3 iris    CDS     26545912        26546141        .       +
        2       Parent=Smp_026390.1
SM_V9_3 iris    CDS     26551662        26551889        .       +
        0       Parent=Smp_026390.1
SM_V9_3 iris    CDS     26552670        26552882        .       +
        0       Parent=Smp_026390.1
SM_V9_3 iris    gene    26586987        26598856        .       -
        .
ID=Smp_136400;geneID=Smp_136400;gene_name=Smp_136400;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26586987        26598856        .       -
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        .
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ied=2022-07-27;Name=Smp_136400.1;product=Cytochrome
b561;date_creation=2022-07-26
SM_V9_3 iris    exon    26586987        26588125        .       -
        .
Parent=Smp_136400.1;Name=2ce3ba76-75cb-432b-9346-62817fccdf63
SM_V9_3 iris    exon    26590126        26590283        .       -
        .       Parent=Smp_136400.1;Name=65d91edb-f9d2-4e35-8250-
b3d2877290e0
SM_V9_3 iris    exon    26592146        26592348        .       -
        .       Parent=Smp_136400.1;Name=ed97f848-
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SM_V9_3 iris    exon    26594870        26595011        .       -
        .       Parent=Smp_136400.1;Name=1fa2a751-d412-4b32-
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SM_V9_3 iris    exon    26595049        26595136        .       -
        .       Parent=Smp_136400.1;Name=e14a843c-2ad6-47d5-9c91-
f69fae468e72
SM_V9_3 iris    exon    26598756        26598856        .       -
        .
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SM_V9_3 iris    CDS     26587975        26588125        .       -
        1       Parent=Smp_136400.1
SM_V9_3 iris    CDS     26590126        26590283        .       -
        0       Parent=Smp_136400.1
SM_V9_3 iris    CDS     26592146        26592348        .       -
        2       Parent=Smp_136400.1
SM_V9_3 iris    CDS     26594870        26595011        .       -
        0       Parent=Smp_136400.1
SM_V9_3 iris    CDS     26595049        26595123        .       -
        0       Parent=Smp_136400.1
SM_V9_3 Liftoff gene    26605823        26700522        .       +
        .
ID=Smp_246440;geneID=Smp_246440;previous_systematic_id=Smp_136380,Sm
p_136390
SM_V9_3 Liftoff mRNA    26605823        26700522        .       +
        .
ID=Smp_246440.1;Parent=Smp_246440;geneID=Smp_246440;product=Transmem
brane protein 131;polypeptide_domain=InterPro:IPR013783,IPR022113
Pfam:PF12371
SM_V9_3 Liftoff exon    26605823        26606001        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26606039        26606094        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26606131        26606159        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26606193        26606261        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26606295        26606418        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26606454        26606567        .       +
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SM_V9_3 Liftoff exon    26606602        26606724        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26607769        26608114        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26608898        26609010        .       +
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SM_V9_3 Liftoff exon    26618121        26618229        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26625905        26626010        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26629544        26629706        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26633130        26633297        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26643858        26643968        .       +
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SM_V9_3 Liftoff exon    26648772        26648894        .       +
        .       Parent=Smp_246440.1
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        .       Parent=Smp_246440.1
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        .       Parent=Smp_246440.1
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SM_V9_3 Liftoff exon    26670697        26671357        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26674542        26675232        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26678300        26679038        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26686635        26686690        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26690580        26691245        .       +
        .       Parent=Smp_246440.1
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        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26695601        26695885        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26696918        26697188        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26698562        26699228        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff exon    26699921        26700522        .       +
        .       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26605905        26606001        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26606039        26606094        .       +
        2       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26606131        26606159        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26606193        26606261        .       +
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SM_V9_3 Liftoff CDS     26606295        26606418        .       +
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        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26606602        26606724        .       +
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SM_V9_3 Liftoff CDS     26607769        26608114        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26608898        26609010        .       +
        2       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26618121        26618229        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26625905        26626010        .       +
        2       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26629544        26629706        .       +
        1       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26633130        26633297        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26643858        26643968        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26648772        26648894        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26656715        26656819        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26660766        26660852        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26662382        26662829        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26668721        26669355        .       +
        2       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26670697        26671357        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26674542        26675232        .       +
        2       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26678300        26679038        .       +
        1       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26686635        26686690        .       +
        0       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26690580        26691245        .       +
        1       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26694353        26694411        .       +
        1       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26695601        26695885        .       +
        2       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26696918        26697188        .       +
        2       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26698562        26699228        .       +
        1       Parent=Smp_246440.1
SM_V9_3 Liftoff CDS     26699921        26700163        .       +
        0       Parent=Smp_246440.1
SM_V9_3 iris    gene    26701881        26707031        .       -
        .
ID=Smp_026340;geneID=Smp_026340;gene_name=Smp_026340;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-07-26
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SM_V9_3 iris    mRNA    26701881        26707031        .       -
       .
ID=Smp_026340.1;Parent=Smp_026340;geneID=Smp_026340;gene_name=Smp_02
6340;owner=irisadmin@local.host;orig_id=Smp_026340.1;date_last_modif
ied=2022-09-07;Name=Smp_026340.1;product=Partner of xrn-2 protein
1;date_creation=2022-07-26
SM_V9_3 iris    exon    26701881        26703447        .       -
       .       Parent=Smp_026340.1;Name=84aaf119-1223-4b27-
aee1-6df0ab2c7adb
SM_V9_3 iris    exon    26703497        26703704        .       -
       .       Parent=Smp_026340.1;Name=f10f8dc0-0068-421f-
bd61-10da4022f3f0
SM_V9_3 iris    exon    26706972        26707031        .       -
       .       Parent=Smp_026340.1;Name=9e3a90dc-
b25a-4c1a-9ad9-4bf9f6ce3622
SM_V9_3 iris    CDS     26703376        26703447        .       -
       0       Parent=Smp_026340.1
SM_V9_3 iris    CDS     26703497        26703676        .       -
       0       Parent=Smp_026340.1
SM_V9_3 iris    gene    26729905        26781229        .       +
       .
ID=Smp_026320;geneID=Smp_026320;gene_name=Smp_026320;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    26729905        26781229        .       +
       .
ID=Smp_026320.1;Parent=Smp_026320;geneID=Smp_026320;gene_name=Smp_02
6320;owner=irisadmin@local.host;orig_id=Smp_026320.1;date_last_modif
ied=2022-09-07;Name=Smp_026320.1;product=Hypothetical
protein;date_creation=2022-09-07
SM_V9_3 iris    exon    26729905        26730085        .       +
       .       Parent=Smp_026320.1;Name=ae89231f-ed24-43ce-ad65-
d50fad85c464
SM_V9_3 iris    exon    26736857        26738229        .       +
       .       Parent=Smp_026320.1;Name=96751caf-e81c-472f-bd75-
a9efd3654d8f
SM_V9_3 iris    exon    26739673        26739718        .       +
       .       Parent=Smp_026320.1;Name=7069b081-
bc66-415c-812d-31728bcaf946
SM_V9_3 iris    exon    26744725        26745235        .       +
       .       Parent=Smp_026320.1;Name=05922870-c941-4da9-aeb4-
e47e04e0de42
SM_V9_3 iris    exon    26747177        26747607        .       +
       .       Parent=Smp_026320.1;Name=eeb773f7-ef78-4c4d-
b1d4-9c0ddf0b98fd
SM_V9_3 iris    exon    26751120        26751305        .       +
       .       Parent=Smp_026320.1;Name=59f2ea34-33d3-4b19-85cc-
ee7c8ef79df2
SM_V9_3 iris    exon    26755407        26755976        .       +
       .       Parent=Smp_026320.1;Name=82adbbd4-406e-4c42-
bda2-7c15a42a95f3
SM_V9_3 iris    exon    26760561        26760811        .       +
       .       Parent=Smp_026320.1;Name=041449fe-9ea5-4b93-
a922-8e19ac190250
SM_V9_3 iris    exon    26762335        26762610        .       +
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Parent=Smp_026320.1;Name=88f18c43-1d9d-4546-8be1-3f45e2631181
SM_V9_3 iris    exon    26768019        26768157        .       +
        .       Parent=Smp_026320.1;Name=b8b6bdcd-c3f4-4a04-9cd7-
dc1c650338b9
SM_V9_3 iris    exon    26769161        26769326        .       +
        .       Parent=Smp_026320.1;Name=4bb8ee45-61d7-47fb-aef1-
cc662aa0c4d6
SM_V9_3 iris    exon    26775167        26775387        .       +
        .       Parent=Smp_026320.1;Name=3a393ca3-1e32-495e-
b645-4ca21afc4c01
SM_V9_3 iris    exon    26777921        26778331        .       +
        .       Parent=Smp_026320.1;Name=76aa83e5-0b17-471f-
a23b-6a00f0a387aa
SM_V9_3 iris    exon    26779388        26781229        .       +
        .       Parent=Smp_026320.1;Name=8106ae72-6a31-4fb9-
b592-0dac4976fd58
SM_V9_3 iris    CDS     26736887        26738229        .       +
        0       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26739673        26739718        .       +
        1       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26744725        26745235        .       +
        0       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26747177        26747607        .       +
        2       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26751120        26751305        .       +
        0       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26755407        26755976        .       +
        0       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26760561        26760811        .       +
        0       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26762335        26762610        .       +
        1       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26768019        26768157        .       +
        1       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26769161        26769326        .       +
        0       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26775167        26775387        .       +
        2       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26777921        26778331        .       +
        0       Parent=Smp_026320.1
SM_V9_3 iris    CDS     26779388        26780200        .       +
        0       Parent=Smp_026320.1
SM_V9_3 Liftoff gene    26802120        26805696        .       -
        .
ID=Smp_332420;geneID=Smp_332420;previous_systematic_id=Smp_026310
SM_V9_3 Liftoff mRNA    26802120        26805696        .       -
        .
ID=Smp_332420.1;Parent=Smp_332420;geneID=Smp_332420;product=Enoyl-
[acyl-carrier-protein] reductase,
mitochondrial;polypeptide_domain=InterPro:IPR011032,IPR013149,IPR013
154,IPR016040,IPR020843
Pfam:PF00107,PF08240;Ontology_term=GO:0016491,GO:0055114
SM_V9_3 Liftoff exon    26802120        26802900        .       -
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        .       Parent=Smp_332420.1
SM_V9_3 Liftoff exon    26802963        26803263        .       -
        .       Parent=Smp_332420.1
SM_V9_3 Liftoff exon    26804400        26805696        .       -
        .       Parent=Smp_332420.1
SM_V9_3 Liftoff CDS     26802401        26802900        .       -
        2       Parent=Smp_332420.1
SM_V9_3 Liftoff CDS     26802963        26803263        .       -
        0       Parent=Smp_332420.1
SM_V9_3 Liftoff CDS     26804400        26804669        .       -
        0       Parent=Smp_332420.1
SM_V9_3 Liftoff gene    26818223        26821816        .       -
        .
ID=Smp_308630;geneID=Smp_308630;previous_systematic_id=Smp_026310
SM_V9_3 Liftoff mRNA    26818223        26821816        .       -
        .
ID=Smp_308630.1;Parent=Smp_308630;geneID=Smp_308630;product=Enoyl-
[acyl-carrier-protein] reductase,
mitochondrial;polypeptide_domain=InterPro:IPR011032,IPR013149,IPR013
154,IPR016040,IPR020843
Pfam:PF00107,PF08240;Ontology_term=GO:0016491,GO:0055114
SM_V9_3 Liftoff exon    26818223        26819003        .       -
        .       Parent=Smp_308630.1
SM_V9_3 Liftoff exon    26819066        26819366        .       -
        .       Parent=Smp_308630.1
SM_V9_3 Liftoff exon    26820503        26821816        .       -
        .       Parent=Smp_308630.1
SM_V9_3 Liftoff CDS     26818504        26819003        .       -
        2       Parent=Smp_308630.1
SM_V9_3 Liftoff CDS     26819066        26819366        .       -
        0       Parent=Smp_308630.1
SM_V9_3 Liftoff CDS     26820503        26820772        .       -
        0       Parent=Smp_308630.1
SM_V9_3 Liftoff gene    26842641        26853485        .       -
        .       ID=Smp_026300;geneID=Smp_026300
SM_V9_3 Liftoff mRNA    26842641        26853485        .       -
        .
ID=Smp_026300.1;Parent=Smp_026300;geneID=Smp_026300;product=rRNA
biogenesis protein RRP36;polypeptide_domain=InterPro:IPR009292
Pfam:PF06102;Ontology_term=GO:0000469
SM_V9_3 Liftoff exon    26842641        26842921        .       -
        .       Parent=Smp_026300.1
SM_V9_3 Liftoff exon    26844944        26845136        .       -
        .       Parent=Smp_026300.1
SM_V9_3 Liftoff exon    26846965        26847193        .       -
        .       Parent=Smp_026300.1
SM_V9_3 Liftoff exon    26849492        26853485        .       -
        .       Parent=Smp_026300.1
SM_V9_3 Liftoff CDS     26842812        26842921        .       -
        2       Parent=Smp_026300.1
SM_V9_3 Liftoff CDS     26844944        26845136        .       -
        0       Parent=Smp_026300.1
SM_V9_3 Liftoff CDS     26846965        26847193        .       -
        1       Parent=Smp_026300.1
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SM_V9_3 Liftoff CDS     26849492        26849532        .       -
        0       Parent=Smp_026300.1
SM_V9_3 Liftoff mRNA    26842641        26853485        .       -
        .
ID=Smp_026300.2;Parent=Smp_026300;geneID=Smp_026300;product=rRNA
biogenesis protein RRP36;polypeptide_domain=InterPro:IPR009292
Pfam:PF06102;Ontology_term=GO:0000469
SM_V9_3 Liftoff exon    26842641        26842921        .       -
        .       Parent=Smp_026300.2
SM_V9_3 Liftoff exon    26844944        26845136        .       -
        .       Parent=Smp_026300.2
SM_V9_3 Liftoff exon    26846965        26853485        .       -
        .       Parent=Smp_026300.2
SM_V9_3 Liftoff CDS     26842812        26842921        .       -
        2       Parent=Smp_026300.2
SM_V9_3 Liftoff CDS     26844944        26845136        .       -
        0       Parent=Smp_026300.2
SM_V9_3 Liftoff CDS     26846965        26847192        .       -
        0       Parent=Smp_026300.2
SM_V9_3 iris    gene    26866525        26899769        .       +
        .
ID=Smp_136360;geneID=Smp_136360;gene_name=Smp_136360;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26866525        26899769        .       +
        .
ID=Smp_136360.1;Parent=Smp_136360;geneID=Smp_136360;gene_name=Smp_13
6360;owner=irisadmin@local.host;orig_id=Smp_136360.1;date_last_modif
ied=2022-07-27;Name=Smp_136360.1;product=DNA cross-link repair 1A
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    26866525        26866563        .       +
        .       Parent=Smp_136360.1;Name=3c11fa56-1c41-45f8-
b391-55585c34484a
SM_V9_3 iris    exon    26870940        26871308        .       +
        .       Parent=Smp_136360.1;Name=9ab78cb6-8712-4298-
a8a4-4869523bc968
SM_V9_3 iris    exon    26871344        26871477        .       +
        .       Parent=Smp_136360.1;Name=9a54b793-2f3a-4397-
a369-2292ac345709
SM_V9_3 iris    exon    26871512        26871627        .       +
        .       Parent=Smp_136360.1;Name=18370953-d1f6-49ff-8cae-
fd0ecf10a0bf
SM_V9_3 iris    exon    26873925        26874107        .       +
        .       Parent=Smp_136360.1;Name=c42c00d6-54b8-47fb-88d9-
f22a74f8a038
SM_V9_3 iris    exon    26875284        26875429        .       +
        .       Parent=Smp_136360.1;Name=318bdc5d-484c-4f2d-
b7d5-8091f4ed8600
SM_V9_3 iris    exon    26889537        26889917        .       +
        .       Parent=Smp_136360.1;Name=6bc39967-826d-45d4-87bd-
f81080f59643
SM_V9_3 iris    exon    26899527        26899769        .       +
        .       Parent=Smp_136360.1;Name=764466ff-6bd6-41d6-
a013-2dffdd2b81f0
SM_V9_3 iris    CDS     26871113        26871308        .       +
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        0       Parent=Smp_136360.1
SM_V9_3 iris    CDS     26871344        26871477        .       +
        2       Parent=Smp_136360.1
SM_V9_3 iris    CDS     26871512        26871627        .       +
        0       Parent=Smp_136360.1
SM_V9_3 iris    CDS     26873925        26874107        .       +
        1       Parent=Smp_136360.1
SM_V9_3 iris    CDS     26875284        26875429        .       +
        1       Parent=Smp_136360.1
SM_V9_3 iris    CDS     26889537        26889917        .       +
        2       Parent=Smp_136360.1
SM_V9_3 iris    CDS     26899527        26899666        .       +
        2       Parent=Smp_136360.1
SM_V9_3 iris    gene    26902175        26908808        .       -
        .
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@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    26902175        26908808        .       -
        .
ID=Smp_026280.1;Parent=Smp_026280;geneID=Smp_026280;gene_name=Smp_02
6280;owner=irisadmin@local.host;orig_id=Smp_026280.1;date_last_modif
ied=2022-09-07;Name=Smp_026280.1;product=Mediator of RNA polymerase
II transcription subunit 14;date_creation=2022-09-07
SM_V9_3 iris    exon    26902175        26903151        .       -
        .
Parent=Smp_026280.1;Name=31371194-5482-4b23-8bf2-6c550b62a509
SM_V9_3 iris    exon    26903992        26904323        .       -
        .       Parent=Smp_026280.1;Name=79db3abb-1780-4ab9-b9d8-
f1a0b0f62012
SM_V9_3 iris    exon    26908558        26908642        .       -
        .       Parent=Smp_026280.1;Name=c006ba0e-067b-4b08-8c92-
a0ca11448ffc
SM_V9_3 iris    exon    26908730        26908808        .       -
        .
Parent=Smp_026280.1;Name=f86c2979-86a8-4615-9a36-5d2710d99465
SM_V9_3 iris    CDS     26902861        26903151        .       -
        0       Parent=Smp_026280.1
SM_V9_3 iris    CDS     26903992        26904323        .       -
        2       Parent=Smp_026280.1
SM_V9_3 iris    CDS     26908558        26908642        .       -
        0       Parent=Smp_026280.1
SM_V9_3 iris    CDS     26908730        26908774        .       -
        0       Parent=Smp_026280.1
SM_V9_3 iris    mRNA    26902175        26908808        .       -
        .
ID=Smp_026280.2;Parent=Smp_026280;geneID=Smp_026280;gene_name=Smp_02
6280;owner=irisadmin@local.host;date_last_modified=2022-09-07;Name=S
mp_026280.2;date_creation=2022-09-07
SM_V9_3 iris    exon    26902175        26903151        .       -
        .       Parent=Smp_026280.2;Name=8a173538-62dc-4e2f-a8b5-
bc391c0300d4
SM_V9_3 iris    exon    26903992        26904323        .       -
        .       Parent=Smp_026280.2;Name=65b8d6d5-4759-4a5d-b499-
d9b2b07e80d8
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SM_V9_3 iris    exon    26908558        26908808        .       -
        .       Parent=Smp_026280.2;Name=f3ecc17e-b74a-4568-a296-
b260b303ba25
SM_V9_3 iris    CDS     26902861        26903151        .       -
        0       Parent=Smp_026280.2
SM_V9_3 iris    CDS     26903992        26904323        .       -
        2       Parent=Smp_026280.2
SM_V9_3 iris    CDS     26908558        26908609        .       -
        0       Parent=Smp_026280.2
SM_V9_3 iris    gene    26908835        26922574        .       +
        .
ID=Smp_026270;geneID=Smp_026270;gene_name=Smp_026270;owner=irisadmin
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SM_V9_3 iris    mRNA    26908835        26922574        .       +
        .
ID=Smp_026270.1;Parent=Smp_026270;geneID=Smp_026270;gene_name=Smp_02
6270;owner=irisadmin@local.host;orig_id=Smp_026270.1;date_last_modif
ied=2022-09-05;Name=Smp_026270.1;product=Early growth response
protein 1;date_creation=2022-09-05
SM_V9_3 iris    exon    26908835        26909588        .       +
        .       Parent=Smp_026270.1;Name=bdfad6df-24eb-4d5d-a93c-
f0d20b271d4b
SM_V9_3 iris    exon    26919373        26922574        .       +
        .       Parent=Smp_026270.1;Name=4021f911-b18f-4cd1-b055-
d97d91dcd4a8
SM_V9_3 iris    CDS     26909306        26909588        .       +
        0       Parent=Smp_026270.1
SM_V9_3 iris    CDS     26919373        26921807        .       +
        2       Parent=Smp_026270.1
SM_V9_3 iris    gene    26924926        26926570        .       -
        .
ID=Smp_136350;geneID=Smp_136350;gene_name=Smp_136350;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    26924926        26926570        .       -
        .
ID=Smp_136350.1;Parent=Smp_136350;geneID=Smp_136350;gene_name=Smp_13
6350;owner=irisadmin@local.host;orig_id=Smp_136350.1;date_last_modif
ied=2022-09-07;Name=Smp_136350.1;product=Ribonuclease P/MRP protein
subunit POP5;date_creation=2022-09-07
SM_V9_3 iris    exon    26924926        26925151        .       -
        .
Parent=Smp_136350.1;Name=75d74f73-7642-4795-8f8b-5bf453d32942
SM_V9_3 iris    exon    26926234        26926570        .       -
        .       Parent=Smp_136350.1;Name=43877b93-3c95-4994-
ac84-861531c5e793
SM_V9_3 iris    CDS     26924955        26925151        .       -
        2       Parent=Smp_136350.1
SM_V9_3 iris    CDS     26926234        26926549        .       -
        0       Parent=Smp_136350.1
SM_V9_3 Liftoff gene    26929072        26931916        .       -
        .       ID=Smp_026260;geneID=Smp_026260
SM_V9_3 Liftoff mRNA    26929072        26931916        .       -
        .
ID=Smp_026260.1;Parent=Smp_026260;geneID=Smp_026260;product=E3
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ubiquitin-protein ligase
RNF185;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR017907
Pfam:PF13920
SM_V9_3 Liftoff exon    26929072        26930352        .       -
        .       Parent=Smp_026260.1
SM_V9_3 Liftoff exon    26931563        26931916        .       -
        .       Parent=Smp_026260.1
SM_V9_3 Liftoff CDS     26929978        26930352        .       -
        0       Parent=Smp_026260.1
SM_V9_3 Liftoff CDS     26931563        26931832        .       -
        0       Parent=Smp_026260.1
SM_V9_3 iris    gene    26933128        26954162        .       -
        .
ID=Smp_026250;geneID=Smp_026250;gene_name=Smp_026250;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    26933128        26954162        .       -
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ID=Smp_026250.1;Parent=Smp_026250;geneID=Smp_026250;gene_name=Smp_02
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ied=2022-07-27;Name=Smp_026250.1;product=N-alpha-acetyltransferase
25, NatB auxiliary subunit;date_creation=2022-07-26
SM_V9_3 iris    exon    26933128        26933563        .       -
        .       Parent=Smp_026250.1;Name=2fb42558-3c07-4221-90ce-
a46573bc4ed3
SM_V9_3 iris    exon    26934165        26934441        .       -
        .       Parent=Smp_026250.1;Name=80358aec-b42f-493c-
b754-89d2d952d547
SM_V9_3 iris    exon    26938085        26938370        .       -
        .       Parent=Smp_026250.1;Name=ae8531bd-f0c8-4ba8-
a989-165c42362c1f
SM_V9_3 iris    exon    26938475        26938637        .       -
        .       Parent=Smp_026250.1;Name=273aef81-4c20-4578-99d7-
ee44e8615b51
SM_V9_3 iris    exon    26940917        26941153        .       -
        .       Parent=Smp_026250.1;Name=40940b6b-eb94-43ef-9802-
a5af14f273f1
SM_V9_3 iris    exon    26941933        26941975        .       -
        .       Parent=Smp_026250.1;Name=12222650-5358-4b1b-
a1ca-5b7e9363ecc7
SM_V9_3 iris    exon    26942021        26942084        .       -
        .       Parent=Smp_026250.1;Name=4fa93850-47c4-46c1-
a8cf-3428a6fd612b
SM_V9_3 iris    exon    26942199        26942251        .       -
        .       Parent=Smp_026250.1;Name=27eaaee0-644a-44bf-
b3ba-90734cd645ee
SM_V9_3 iris    exon    26945074        26945364        .       -
        .       Parent=Smp_026250.1;Name=c8a906d8-eed1-4dff-b8d3-
e464314997ee
SM_V9_3 iris    exon    26949034        26949488        .       -
        .       Parent=Smp_026250.1;Name=db67049c-684c-4e77-846d-
ac22c7b5b0c5
SM_V9_3 iris    exon    26950230        26950274        .       -
        .       Parent=Smp_026250.1;Name=aedfb2a1-
e6e1-4506-9741-098b5f455f0d
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SM_V9_3 iris    exon    26953153        26953330        .       -
        .       Parent=Smp_026250.1;Name=83c6f1d9-a9ad-4dca-
a172-92d8a06952ff
SM_V9_3 iris    exon    26953374        26953890        .       -
        .       Parent=Smp_026250.1;Name=9839067e-a2ab-480b-
adc0-4358ebb2ae27
SM_V9_3 iris    exon    26953931        26954016        .       -
        .       Parent=Smp_026250.1;Name=7b643cb0-43c2-4943-b897-
e55d141097fe
SM_V9_3 iris    exon    26954064        26954162        .       -
        .       Parent=Smp_026250.1;Name=16d2ea3b-b006-477f-
a2bf-528ae623d417
SM_V9_3 iris    CDS     26933372        26933563        .       -
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SM_V9_3 iris    CDS     26934165        26934441        .       -
        1       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26938085        26938370        .       -
        2       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26938475        26938637        .       -
        0       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26940917        26941153        .       -
        0       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26941933        26941975        .       -
        1       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26942021        26942084        .       -
        2       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26942199        26942251        .       -
        1       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26945074        26945364        .       -
        1       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26949034        26949488        .       -
        0       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26950230        26950274        .       -
        0       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26951495        26951741        .       -
        1       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26953153        26953330        .       -
        2       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26953374        26953890        .       -
        0       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26953931        26954016        .       -
        2       Parent=Smp_026250.1
SM_V9_3 iris    CDS     26954064        26954112        .       -
        0       Parent=Smp_026250.1
SM_V9_3 iris    gene    26970414        27015802        .       +
        .
ID=Smp_343040;geneID=Smp_343040;gene_name=Smp_343040;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    26970414        27015802        .       +
        .
ID=Smp_343040.1;Parent=Smp_343040;geneID=Smp_343040;gene_name=Smp_34
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3040;owner=irisadmin@local.host;orig_id=Smp_343040.1;date_last_modif
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FAM184A;date_creation=2022-09-05
SM_V9_3 iris    exon    26970414        26970465        .       +
        .       Parent=Smp_343040.1;Name=ff3f51f7-26da-46b7-
b498-86653cd1a00a
SM_V9_3 iris    exon    26970739        26971123        .       +
        .
Parent=Smp_343040.1;Name=b0e48999-1472-4dbd-8099-25ff7a071b0d
SM_V9_3 iris    exon    26973708        26973975        .       +
        .       Parent=Smp_343040.1;Name=baede087-01dd-4d96-9f47-
fbd577638465
SM_V9_3 iris    exon    26976466        26976830        .       +
        .       Parent=Smp_343040.1;Name=38ae6ff9-b923-4ac4-
b339-46e4aca1c609
SM_V9_3 iris    exon    26980580        26980729        .       +
        .       Parent=Smp_343040.1;Name=334faeb3-
ef63-4b93-9ffd-9ee1524bdd13
SM_V9_3 iris    exon    26985646        26985736        .       +
        .       Parent=Smp_343040.1;Name=d1b0e6aa-eebf-4dc9-
bde5-9b88370a02d0
SM_V9_3 iris    exon    26988858        26989042        .       +
        .       Parent=Smp_343040.1;Name=241d9d67-a718-47f3-89e7-
a735bef40a6c
SM_V9_3 iris    exon    26991352        26991543        .       +
        .       Parent=Smp_343040.1;Name=e76abb65-e4c0-4219-
a45b-7775b636db35
SM_V9_3 iris    exon    26995443        26995565        .       +
        .       Parent=Smp_343040.1;Name=52176d81-6d24-4200-
a532-10d0e597a16b
SM_V9_3 iris    exon    26997140        26997350        .       +
        .       Parent=Smp_343040.1;Name=396a29c6-7eed-4e39-8d28-
cd32157ddeb4
SM_V9_3 iris    exon    27000686        27000956        .       +
        .       Parent=Smp_343040.1;Name=407b72fc-f76f-4c94-a87d-
df4b21e38d9e
SM_V9_3 iris    exon    27003918        27003990        .       +
        .       Parent=Smp_343040.1;Name=365d1446-
df9d-491b-9675-0899c78c86f4
SM_V9_3 iris    exon    27009907        27010044        .       +
        .       Parent=Smp_343040.1;Name=966af8b3-131e-4ddf-
b45d-7c64d5f93594
SM_V9_3 iris    exon    27011502        27011677        .       +
        .       Parent=Smp_343040.1;Name=c292f520-a0f9-4aef-
a2de-7c8ec10d3ce6
SM_V9_3 iris    exon    27013261        27013450        .       +
        .       Parent=Smp_343040.1;Name=2ca1be1d-0a81-446c-95a0-
d1969a1b1517
SM_V9_3 iris    exon    27015222        27015802        .       +
        .       Parent=Smp_343040.1;Name=cacdae07-
f1c3-40fe-87e4-3c47d7cec73b
SM_V9_3 iris    CDS     26970797        26971123        .       +
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SM_V9_3 iris    CDS     26973708        26973975        .       +
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SM_V9_3 iris    CDS     26980580        26980729        .       +
        0       Parent=Smp_343040.1
SM_V9_3 iris    CDS     26985646        26985736        .       +
        0       Parent=Smp_343040.1
SM_V9_3 iris    CDS     26988858        26989042        .       +
        2       Parent=Smp_343040.1
SM_V9_3 iris    CDS     26991352        26991543        .       +
        0       Parent=Smp_343040.1
SM_V9_3 iris    CDS     26995443        26995565        .       +
        0       Parent=Smp_343040.1
SM_V9_3 iris    CDS     26997140        26997350        .       +
        0       Parent=Smp_343040.1
SM_V9_3 iris    CDS     27000686        27000956        .       +
        2       Parent=Smp_343040.1
SM_V9_3 iris    CDS     27003918        27003990        .       +
        1       Parent=Smp_343040.1
SM_V9_3 iris    CDS     27009907        27010044        .       +
        0       Parent=Smp_343040.1
SM_V9_3 iris    CDS     27011502        27011677        .       +
        0       Parent=Smp_343040.1
SM_V9_3 iris    CDS     27013261        27013450        .       +
        1       Parent=Smp_343040.1
SM_V9_3 iris    CDS     27015222        27015485        .       +
        0       Parent=Smp_343040.1
SM_V9_3 Liftoff gene    27027520        27035317        .       +
        .       ID=Smp_026230;geneID=Smp_026230
SM_V9_3 Liftoff mRNA    27027520        27035317        .       +
        .
ID=Smp_026230.1;Parent=Smp_026230;geneID=Smp_026230;product=Cadherin
EGF LAG seven-pass G-type receptor 2
SM_V9_3 Liftoff exon    27027520        27027780        .       +
        .       Parent=Smp_026230.1
SM_V9_3 Liftoff exon    27031574        27031643        .       +
        .       Parent=Smp_026230.1
SM_V9_3 Liftoff exon    27034881        27035317        .       +
        .       Parent=Smp_026230.1
SM_V9_3 Liftoff CDS     27027661        27027780        .       +
        0       Parent=Smp_026230.1
SM_V9_3 Liftoff CDS     27031574        27031643        .       +
        0       Parent=Smp_026230.1
SM_V9_3 Liftoff CDS     27034881        27035119        .       +
        2       Parent=Smp_026230.1
SM_V9_3 Liftoff gene    27040955        27113913        .       -
        .
ID=Smp_246430;geneID=Smp_246430;previous_systematic_id=Smp_136330,Sm
p_183130
SM_V9_3 Liftoff mRNA    27040955        27113913        .       -
        .
ID=Smp_246430.1;Parent=Smp_246430;geneID=Smp_246430;product=Liprin-
alpha-2;polypeptide_domain=InterPro:IPR001660,IPR013761
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SM_V9_3 Liftoff exon    27040955        27044817        .       -
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        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27048784        27049045        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27055587        27055850        .       -
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SM_V9_3 Liftoff exon    27059222        27059303        .       -
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SM_V9_3 Liftoff exon    27061021        27061066        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27062239        27062846        .       -
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SM_V9_3 Liftoff exon    27063007        27063362        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27075550        27075723        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27077206        27077574        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27079748        27079860        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27081386        27081740        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27083403        27083900        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27086706        27086882        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27089218        27089331        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27091047        27091219        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27095904        27096438        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27101945        27102046        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27108311        27108508        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff exon    27110509        27113913        .       -
        .       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27044331        27044817        .       -
        1       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27047009        27047189        .       -
        2       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27048784        27049045        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27055587        27055850        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27059222        27059303        .       -
        1       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27061021        27061066        .       -
        2       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27062239        27062846        .       -
        1       Parent=Smp_246430.1
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SM_V9_3 Liftoff CDS     27063007        27063362        .       -
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SM_V9_3 Liftoff CDS     27075550        27075723        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27077206        27077574        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27079748        27079860        .       -
        2       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27081386        27081740        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27083403        27083900        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27086706        27086882        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27089218        27089331        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27091047        27091219        .       -
        2       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27095904        27096438        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27101945        27102046        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27108311        27108508        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff CDS     27110509        27110556        .       -
        0       Parent=Smp_246430.1
SM_V9_3 Liftoff mRNA    27040955        27113913        .       -
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ID=Smp_246430.2;Parent=Smp_246430;geneID=Smp_246430;product=Liprin-
alpha-2;polypeptide_domain=InterPro:IPR001660,IPR013761
Pfam:PF00536,PF07647;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    27040955        27044817        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27047009        27047189        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27048784        27049045        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27055587        27055850        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27059222        27059303        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27061021        27061057        .       -
        .       Parent=Smp_246430.2
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SM_V9_3 Liftoff exon    27063007        27063362        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27075550        27075723        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27077206        27077574        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27079748        27079860        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27081386        27081740        .       -
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SM_V9_3 Liftoff exon    27083403        27083900        .       -
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SM_V9_3 Liftoff exon    27086706        27086882        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27089218        27089331        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27091047        27091219        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27095904        27096438        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27101945        27102046        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27108311        27108508        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff exon    27110509        27113913        .       -
        .       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27044331        27044817        .       -
        1       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27047009        27047189        .       -
        2       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27048784        27049045        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27055587        27055850        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27059222        27059303        .       -
        1       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27061021        27061057        .       -
        2       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27062239        27062846        .       -
        1       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27063007        27063362        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27075550        27075723        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27077206        27077574        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27079748        27079860        .       -
        2       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27081386        27081740        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27083403        27083900        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27086706        27086882        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27089218        27089331        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27091047        27091219        .       -
        2       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27095904        27096438        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27101945        27102046        .       -
        0       Parent=Smp_246430.2
SM_V9_3 Liftoff CDS     27108311        27108508        .       -
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SM_V9_3 Liftoff mRNA    27040955        27113913        .       -
        .
ID=Smp_246430.3;Parent=Smp_246430;geneID=Smp_246430;product=Liprin-
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Pfam:PF00536,PF07647;Ontology_term=GO:0005515
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SM_V9_3 Liftoff exon    27047009        27047189        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27048784        27049045        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27055587        27055850        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27059222        27059303        .       -
        .       Parent=Smp_246430.3
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        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27062239        27062846        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27063007        27063362        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27069089        27069109        .       -
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SM_V9_3 Liftoff exon    27075550        27075723        .       -
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        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27079748        27079860        .       -
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SM_V9_3 Liftoff exon    27081386        27081740        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27083403        27083900        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27086706        27086882        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27089218        27089331        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27091047        27091219        .       -
        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27095904        27096438        .       -
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SM_V9_3 Liftoff exon    27101945        27102046        .       -
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        .       Parent=Smp_246430.3
SM_V9_3 Liftoff exon    27110509        27113913        .       -
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SM_V9_3 Liftoff CDS     27044331        27044817        .       -
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SM_V9_3 Liftoff CDS     27047009        27047189        .       -
        2       Parent=Smp_246430.3
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        0       Parent=Smp_246430.3
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SM_V9_3 Liftoff CDS     27061021        27061066        .       -
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        1       Parent=Smp_246430.3
SM_V9_3 Liftoff CDS     27063007        27063362        .       -
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SM_V9_3 Liftoff CDS     27069089        27069109        .       -
        0       Parent=Smp_246430.3
SM_V9_3 Liftoff CDS     27075550        27075723        .       -
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SM_V9_3 Liftoff CDS     27077206        27077574        .       -
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SM_V9_3 Liftoff CDS     27079748        27079860        .       -
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SM_V9_3 Liftoff CDS     27083403        27083900        .       -
        0       Parent=Smp_246430.3
SM_V9_3 Liftoff CDS     27086706        27086882        .       -
        0       Parent=Smp_246430.3
SM_V9_3 Liftoff CDS     27089218        27089331        .       -
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SM_V9_3 Liftoff CDS     27095904        27096438        .       -
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SM_V9_3 Liftoff CDS     27101945        27102046        .       -
        0       Parent=Smp_246430.3
SM_V9_3 Liftoff CDS     27108311        27108508        .       -
        0       Parent=Smp_246430.3
SM_V9_3 Liftoff CDS     27110509        27110556        .       -
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        .       ID=Smp_092810;geneID=Smp_092810
SM_V9_3 Liftoff mRNA    27149620        27169762        .       +
        .
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brane protein 33;polypeptide_domain=InterPro:IPR005344
Pfam:PF03661,Uncharacterised-protein-family-
(UPF0121);Ontology_term=GO:0016021
SM_V9_3 Liftoff exon    27149620        27149851        .       +
        .       Parent=Smp_092810.1
SM_V9_3 Liftoff exon    27153135        27153435        .       +
        .       Parent=Smp_092810.1
SM_V9_3 Liftoff exon    27155072        27155139        .       +
        .       Parent=Smp_092810.1
SM_V9_3 Liftoff exon    27156066        27156343        .       +
        .       Parent=Smp_092810.1
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        .       Parent=Smp_092810.1
SM_V9_3 Liftoff CDS     27149798        27149851        .       +
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SM_V9_3 Liftoff CDS     27153135        27153435        .       +
        0       Parent=Smp_092810.1
SM_V9_3 Liftoff CDS     27155072        27155139        .       +
        2       Parent=Smp_092810.1
SM_V9_3 Liftoff CDS     27156066        27156343        .       +
        0       Parent=Smp_092810.1
SM_V9_3 Liftoff CDS     27157009        27157147        .       +
        1       Parent=Smp_092810.1
SM_V9_3 iris    gene    27177689        27285977        .       +
        .
ID=Smp_308680;geneID=Smp_308680;gene_name=Smp_308680;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-09-07;date_crea
tion=2022-01-18
SM_V9_3 iris    mRNA    27177689        27264060        .       +
        .
ID=Smp_308680.1;Parent=Smp_308680;geneID=Smp_308680;gene_name=Smp_30
8680;owner=mb4@sanger.ac.uk,irisadmin@local.host;orig_id=Smp_308680.
1;date_last_modified=2022-08-15;Name=Smp_308680.1;product=Serine/
threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta
isoform;date_creation=2022-01-18
SM_V9_3 iris    exon    27177689        27177802        .       +
        .
Parent=Smp_308680.1;Name=c984511b-95e4-4be9-8c90-98948db6e84c
SM_V9_3 iris    exon    27177843        27178015        .       +
        .       Parent=Smp_308680.1;Name=Smp_308680.1-CDS
SM_V9_3 iris    exon    27178655        27178714        .       +
        .       Parent=Smp_308680.1;Name=ff805c8f-e4ae-4cb7-bdce-
fc7d094dd643
SM_V9_3 iris    exon    27178753        27178850        .       +
        .       Parent=Smp_308680.1;Name=42ee843e-fae8-4ce9-bbd9-
bf027f4e63fc
SM_V9_3 iris    exon    27178895        27179039        .       +
        .       Parent=Smp_308680.1;Name=04806232-
e795-439a-9980-65c5147ac752
SM_V9_3 iris    exon    27183619        27183960        .       +
        .       Parent=Smp_308680.1;Name=5dc6e5cd-d86e-404d-
abbc-0e624f7f2ed5
SM_V9_3 iris    exon    27186213        27186377        .       +
        .       Parent=Smp_308680.1;Name=f3fcf385-1186-41b2-ac06-
d9d035a3ec89
SM_V9_3 iris    exon    27190141        27190266        .       +
        .       Parent=Smp_308680.1;Name=d272bf48-4f6d-4530-
a6e7-6de70283779a
SM_V9_3 iris    exon    27199928        27200063        .       +
        .       Parent=Smp_308680.1;Name=0c2cc4dd-02aa-4f6e-
aa15-5563bf552fef
SM_V9_3 iris    exon    27262211        27264060        .       +
        .       Parent=Smp_308680.1;Name=9b81f595-6fa6-4e93-
b1db-83aa23a52ad3
SM_V9_3 iris    CDS     27178006        27178015        .       +
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SM_V9_3 iris    CDS     27178655        27178714        .       +
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SM_V9_3 iris    CDS     27178753        27178850        .       +
        2       Parent=Smp_308680.1
SM_V9_3 iris    CDS     27178895        27179039        .       +
        0       Parent=Smp_308680.1
SM_V9_3 iris    CDS     27183619        27183960        .       +
        2       Parent=Smp_308680.1
SM_V9_3 iris    CDS     27186213        27186377        .       +
        2       Parent=Smp_308680.1
SM_V9_3 iris    CDS     27190141        27190266        .       +
        2       Parent=Smp_308680.1
SM_V9_3 iris    CDS     27199928        27200063        .       +
        2       Parent=Smp_308680.1
SM_V9_3 iris    CDS     27262211        27263519        .       +
        1       Parent=Smp_308680.1
SM_V9_3 iris    mRNA    27177689        27285977        .       +
        .
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mp_308680.2;product=Serine/threonine-protein phosphatase 2A 55 kDa
regulatory subunit B alpha isoform;date_creation=2022-08-15
SM_V9_3 iris    exon    27177689        27177802        .       +
        .       Parent=Smp_308680.2;Name=e03399e0-6fdb-487e-aac5-
ec25849f9676
SM_V9_3 iris    exon    27177843        27178015        .       +
        .       Parent=Smp_308680.2;Name=4d7fecb2-a29b-46cf-acdf-
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SM_V9_3 iris    exon    27178655        27178714        .       +
        .       Parent=Smp_308680.2;Name=ab339d9c-d1a8-4438-bc23-
ef06cb8e9493
SM_V9_3 iris    exon    27178753        27178850        .       +
        .
Parent=Smp_308680.2;Name=314ab44f-9c68-4848-8a30-9287f88977fc
SM_V9_3 iris    exon    27178895        27179039        .       +
        .       Parent=Smp_308680.2;Name=4f8f92ad-57aa-42fb-87c1-
d254b73dd2ca
SM_V9_3 iris    exon    27183619        27183960        .       +
        .
Parent=Smp_308680.2;Name=ec28d6a5-7b73-46f8-82f2-2ea573dcd09a
SM_V9_3 iris    exon    27186213        27186377        .       +
        .       Parent=Smp_308680.2;Name=341cb5cd-d011-4dc5-
b0b2-91d33adc8445
SM_V9_3 iris    exon    27190141        27190266        .       +
        .       Parent=Smp_308680.2;Name=d772a974-7adf-4d33-8e1e-
cf32d9aab690
SM_V9_3 iris    exon    27199928        27200063        .       +
        .       Parent=Smp_308680.2;Name=eea1ade2-756f-46e2-b49f-
f6cf9c83e30d
SM_V9_3 iris    exon    27284495        27285977        .       +
        .       Parent=Smp_308680.2;Name=7e9cb14a-18a3-4ee0-ba46-
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SM_V9_3 iris    CDS     27178006        27178015        .       +
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SM_V9_3 iris    CDS     27178753        27178850        .       +
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SM_V9_3 iris    CDS     27178895        27179039        .       +
        0       Parent=Smp_308680.2
SM_V9_3 iris    CDS     27183619        27183960        .       +
        2       Parent=Smp_308680.2
SM_V9_3 iris    CDS     27186213        27186377        .       +
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SM_V9_3 iris    CDS     27190141        27190266        .       +
        2       Parent=Smp_308680.2
SM_V9_3 iris    CDS     27199928        27200063        .       +
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SM_V9_3 iris    CDS     27284495        27285803        .       +
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@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
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        .
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0900;owner=irisadmin@local.host;orig_id=Smp_330900.1;date_last_modif
ied=2022-07-25;Name=Smp_330900.1;product=Replicase polyprotein
1ab;date_creation=2022-07-25
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        .
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SM_V9_3 iris    exon    27202404        27202472        .       -
        .       Parent=Smp_330900.1;Name=12950c22-26d3-44a1-bedd-
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SM_V9_3 iris    exon    27202511        27202567        .       -
        .       Parent=Smp_330900.1;Name=7523def9-2c8f-4586-adf8-
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SM_V9_3 iris    exon    27203133        27203201        .       -
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befc-2e552cee773e
SM_V9_3 iris    exon    27203571        27203633        .       -
        .       Parent=Smp_330900.1;Name=5307f2fe-0db5-41e6-a2d4-
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SM_V9_3 iris    exon    27203821        27203886        .       -
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SM_V9_3 iris    exon    27204552        27204608        .       -
        .       Parent=Smp_330900.1;Name=fb723590-f5b1-4215-9bcd-
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SM_V9_3 iris    exon    27205153        27205221        .       -
        .       Parent=Smp_330900.1;Name=de736964-300d-4e99-a071-
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SM_V9_3 iris    exon    27205759        27205827        .       -
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Parent=Smp_330900.1;Name=69f2f2dd-7287-4638-958c-77dfa331f6df
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        .       Parent=Smp_330900.1;Name=4e99ca46-e9a0-4578-98de-
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SM_V9_3 iris    exon    27206704        27206881        .       -
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SM_V9_3 iris    exon    27207212        27207268        .       -
        .       Parent=Smp_330900.1;Name=9e9b275e-5cbb-40ea-
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        .       Parent=Smp_330900.1;Name=f7f197ff-f260-4ece-
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SM_V9_3 iris    exon    27208066        27208128        .       -
        .       Parent=Smp_330900.1;Name=c8f8dbcb-
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SM_V9_3 iris    exon    27208677        27208715        .       -
        .
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        .       Parent=Smp_330900.1;Name=2821590f-e78c-4842-a3cd-
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SM_V9_3 iris    CDS     27201679        27201692        .       -
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SM_V9_3 iris    CDS     27202404        27202472        .       -
        2       Parent=Smp_330900.1
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        2       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27203133        27203201        .       -
        2       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27203571        27203633        .       -
        2       Parent=Smp_330900.1
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        2       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27204552        27204608        .       -
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SM_V9_3 iris    CDS     27205153        27205221        .       -
        2       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27205759        27205827        .       -
        2       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27206218        27206247        .       -
        2       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27206541        27206606        .       -
        2       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27206704        27206881        .       -
        0       Parent=Smp_330900.1
SM_V9_3 iris    CDS     27207212        27207250        .       -
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SM_V9_3 Liftoff gene    27265594        27273786        .       -
        .       ID=Smp_335460;geneID=Smp_335460
SM_V9_3 Liftoff mRNA    27265594        27273786        .       -
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ID=Smp_335460.1;Parent=Smp_335460;geneID=Smp_335460;product=secretor
y glycoprotein kappa-5;evidence=Inferred by Curator
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SM_V9_3 Liftoff exon    27266595        27266651        .       -
        .       Parent=Smp_335460.1
SM_V9_3 Liftoff exon    27267220        27267288        .       -
        .       Parent=Smp_335460.1
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        .       Parent=Smp_335460.1
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        .       Parent=Smp_335460.1
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        .       Parent=Smp_335460.1
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        .       Parent=Smp_335460.1
SM_V9_3 Liftoff exon    27270661        27270690        .       -
        .       Parent=Smp_335460.1
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        .       Parent=Smp_335460.1
SM_V9_3 Liftoff exon    27273016        27273054        .       -
        .       Parent=Smp_335460.1
SM_V9_3 Liftoff exon    27273713        27273786        .       -
        .       Parent=Smp_335460.1
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        2       Parent=Smp_335460.1
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SM_V9_3 Liftoff CDS     27267220        27267288        .       -
        2       Parent=Smp_335460.1
SM_V9_3 Liftoff CDS     27267709        27267771        .       -
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SM_V9_3 Liftoff CDS     27267959        27268024        .       -
        2       Parent=Smp_335460.1
SM_V9_3 Liftoff CDS     27268995        27269051        .       -
        2       Parent=Smp_335460.1
SM_V9_3 Liftoff CDS     27269597        27269665        .       -
        2       Parent=Smp_335460.1
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        2       Parent=Smp_335460.1
SM_V9_3 Liftoff CDS     27270984        27271049        .       -
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SM_V9_3 Liftoff exon    27288879        27288935        .       -
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SM_V9_3 Liftoff exon    27293934        27293990        .       -
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SM_V9_3 Liftoff exon    27294502        27294564        .       -
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SM_V9_3 Liftoff exon    27295301        27295339        .       -
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SM_V9_3 Liftoff CDS     27291881        27291949        .       -
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SM_V9_3 Liftoff CDS     27292487        27292555        .       -
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SM_V9_3 Liftoff CDS     27295301        27295339        .       -
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SM_V9_3 Liftoff CDS     27295998        27296049        .       -
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SM_V9_3 Liftoff exon    27329204        27329242        .       +
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SM_V9_3 Liftoff exon    27329789        27329851        .       +
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SM_V9_3 Liftoff exon    27329979        27330041        .       +
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SM_V9_3 Liftoff exon    27331568        27331597        .       +
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SM_V9_3 Liftoff exon    27334970        27335038        .       +
        .       Parent=Smp_335480.1
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        .       Parent=Smp_335480.1
SM_V9_3 Liftoff exon    27335702        27335770        .       +
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SM_V9_3 Liftoff exon    27336483        27336664        .       +
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SM_V9_3 Liftoff CDS     27329789        27329851        .       +
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SM_V9_3 Liftoff CDS     27331568        27331597        .       +
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SM_V9_3 Liftoff CDS     27331988        27332046        .       +
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SM_V9_3 Liftoff CDS     27332049        27332055        .       +
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SM_V9_3 Liftoff CDS     27335607        27335663        .       +
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SM_V9_3 Liftoff CDS     27335702        27335770        .       +
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SM_V9_3 Liftoff CDS     27336483        27336496        .       +
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phosphatase 2A 55 kDa regulatory subunit B alpha isoform
(Fragment);date_creation=2022-08-15
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SM_V9_3 Liftoff exon    27352265        27352327        .       +
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SM_V9_3 Liftoff CDS     27354274        27354342        .       +
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SM_V9_3 Liftoff CDS     27354880        27354948        .       +
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SM_V9_3 Liftoff CDS     27355494        27355550        .       +
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SM_V9_3 Liftoff CDS     27357989        27358057        .       +
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        .       Parent=Smp_335510.1
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SM_V9_3 Liftoff CDS     27379207        27379220        .       -
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SM_V9_3 Liftoff CDS     27383042        27383110        .       -
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SM_V9_3 Liftoff CDS     27385095        27385151        .       -
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SM_V9_3 Liftoff CDS     27387159        27387210        .       -
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SM_V9_3 Liftoff exon    27419625        27421861        .       +
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SM_V9_3 Liftoff CDS     27423852        27423920        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff CDS     27424465        27424521        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff CDS     27425187        27425252        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff CDS     27425439        27425501        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff CDS     27425871        27425939        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff CDS     27426505        27426561        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff CDS     27426600        27426668        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff CDS     27427381        27427394        .       +
        2       Parent=Smp_344300.1
SM_V9_3 Liftoff gene    27458686        27490653        .       +
        .       ID=Smp_150230;geneID=Smp_150230
SM_V9_3 Liftoff mRNA    27458686        27490653        .       +
        .
ID=Smp_150230.1;Parent=Smp_150230;geneID=Smp_150230;product=Metal
tolerance protein 4;polypeptide_domain=InterPro:IPR002524
Pfam:PF01545;Ontology_term=GO:0006812,GO:0008324,GO:0016021,GO:00550
85
SM_V9_3 Liftoff exon    27458686        27459057        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27464122        27464212        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27466285        27466450        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27467688        27467844        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27468970        27469140        .       +
        .       Parent=Smp_150230.1
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SM_V9_3 Liftoff exon    27474059        27474196        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27476870        27476887        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27480274        27480363        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27487893        27488035        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff exon    27489024        27490653        .       +
        .       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27458934        27459057        .       +
        0       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27464122        27464212        .       +
        2       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27466285        27466450        .       +
        1       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27467688        27467844        .       +
        0       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27468970        27469140        .       +
        2       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27474059        27474196        .       +
        2       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27476870        27476887        .       +
        2       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27480274        27480363        .       +
        2       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27487893        27488035        .       +
        2       Parent=Smp_150230.1
SM_V9_3 Liftoff CDS     27489024        27489098        .       +
        0       Parent=Smp_150230.1
SM_V9_3 Liftoff mRNA    27458686        27490653        .       +
        .
ID=Smp_150230.2;Parent=Smp_150230;geneID=Smp_150230;product=Metal
tolerance protein 9;polypeptide_domain=InterPro:IPR002524
Pfam:PF01545;Ontology_term=GO:0006812,GO:0008324,GO:0016021,GO:00550
85
SM_V9_3 Liftoff exon    27458686        27459057        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27464122        27464212        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27466285        27466450        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27467688        27467844        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27468970        27469140        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27474059        27474196        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27480274        27480363        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27487893        27488035        .       +
        .       Parent=Smp_150230.2
SM_V9_3 Liftoff exon    27489024        27490653        .       +
        .       Parent=Smp_150230.2
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SM_V9_3 Liftoff CDS     27458934        27459057        .       +
        0       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27464122        27464212        .       +
        2       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27466285        27466450        .       +
        1       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27467688        27467844        .       +
        0       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27468970        27469140        .       +
        2       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27474059        27474196        .       +
        2       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27480274        27480363        .       +
        2       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27487893        27488035        .       +
        2       Parent=Smp_150230.2
SM_V9_3 Liftoff CDS     27489024        27489098        .       +
        0       Parent=Smp_150230.2
SM_V9_3 Liftoff gene    27509036        27514777        .       +
        .       ID=Smp_052390;geneID=Smp_052390
SM_V9_3 Liftoff mRNA    27509036        27514777        .       +
        .
ID=Smp_052390.1;Parent=Smp_052390;geneID=Smp_052390;product=Origin
recognition complex subunit
5;polypeptide_domain=InterPro:IPR020796,IPR027417
Pfam:PF13191,PF14630;Ontology_term=GO:0000808,GO:0005634,GO:0006260
SM_V9_3 Liftoff exon    27509036        27511757        .       +
        .       Parent=Smp_052390.1
SM_V9_3 Liftoff exon    27511798        27512122        .       +
        .       Parent=Smp_052390.1
SM_V9_3 Liftoff exon    27512160        27512530        .       +
        .       Parent=Smp_052390.1
SM_V9_3 Liftoff exon    27512566        27512841        .       +
        .       Parent=Smp_052390.1
SM_V9_3 Liftoff exon    27513070        27513123        .       +
        .       Parent=Smp_052390.1
SM_V9_3 Liftoff exon    27514317        27514777        .       +
        .       Parent=Smp_052390.1
SM_V9_3 Liftoff CDS     27511683        27511757        .       +
        0       Parent=Smp_052390.1
SM_V9_3 Liftoff CDS     27511798        27512122        .       +
        0       Parent=Smp_052390.1
SM_V9_3 Liftoff CDS     27512160        27512530        .       +
        2       Parent=Smp_052390.1
SM_V9_3 Liftoff CDS     27512566        27512841        .       +
        0       Parent=Smp_052390.1
SM_V9_3 Liftoff CDS     27513070        27513123        .       +
        0       Parent=Smp_052390.1
SM_V9_3 Liftoff CDS     27514317        27514673        .       +
        0       Parent=Smp_052390.1
SM_V9_3 iris    gene    27517096        27561042        .       -
        .
ID=Smp_150220;geneID=Smp_150220;gene_name=Smp_150220;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
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SM_V9_3 iris    mRNA    27517096        27528122        .       -
       .
ID=Smp_150220.2;Parent=Smp_150220;geneID=Smp_150220;gene_name=Smp_15
0220;owner=irisadmin@local.host;orig_id=Smp_150220.1;date_last_modif
ied=2022-07-25;Name=Smp_150220.2;product=Receptor-type tyrosine-
protein phosphatase N2;date_creation=2022-07-25
SM_V9_3 iris    exon    27517096        27517309        .       -
       .
Parent=Smp_150220.2;Name=8b0bb822-4abc-457c-8f9a-9667e393a4c7
SM_V9_3 iris    exon    27518459        27518597        .       -
       .       Parent=Smp_150220.2;Name=cec2f563-2586-4f13-
b9d6-33a501674c14
SM_V9_3 iris    exon    27520010        27520063        .       -
       .       Parent=Smp_150220.2;Name=55fba65d-ffb7-4a93-b2fe-
b3df5fd94674
SM_V9_3 iris    exon    27520733        27520899        .       -
       .       Parent=Smp_150220.2;Name=5e3d8390-154c-42e8-8d34-
dfbff8ace1c5
SM_V9_3 iris    exon    27521689        27521916        .       -
       .       Parent=Smp_150220.2;Name=778f2eea-3c14-4a38-
a4db-835984fab2e2
SM_V9_3 iris    exon    27523750        27523811        .       -
       .       Parent=Smp_150220.2;Name=38482c63-3249-488e-b3ca-
f87e0b51ed4f
SM_V9_3 iris    exon    27524243        27524393        .       -
       .       Parent=Smp_150220.2;Name=f41bcfe5-1d9e-4724-a9f6-
ba618239b1f7
SM_V9_3 iris    exon    27525510        27525564        .       -
       .       Parent=Smp_150220.2;Name=40cc130f-9f66-4c71-a143-
f0a0a77c6bec
SM_V9_3 iris    exon    27527838        27528122        .       -
       .       Parent=Smp_150220.2;Name=d9718556-46b5-487a-98cd-
c1e5e0a267df
SM_V9_3 iris    CDS     27517241        27517309        .       -
       0       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27518459        27518597        .       -
       1       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27520010        27520063        .       -
       1       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27520733        27520899        .       -
       0       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27521689        27521916        .       -
       0       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27523750        27523811        .       -
       2       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27524243        27524393        .       -
       0       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27525510        27525564        .       -
       1       Parent=Smp_150220.2
SM_V9_3 iris    CDS     27527838        27528046        .       -
       0       Parent=Smp_150220.2
SM_V9_3 iris    mRNA    27517096        27561042        .       -
       .
ID=Smp_150220.1;Parent=Smp_150220;geneID=Smp_150220;gene_name=Smp_15
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0220;owner=irisadmin@local.host;orig_id=Smp_150220.2;date_last_modif
ied=2022-07-25;Name=Smp_150220.1;product=Receptor-type tyrosine-
protein phosphatase N2;date_creation=2022-07-25
SM_V9_3 iris    exon    27517096        27517309        .       -
        .       Parent=Smp_150220.1;Name=de62c7ed-65e4-43b8-
b604-96190bc3f8f5
SM_V9_3 iris    exon    27518459        27518597        .       -
        .       Parent=Smp_150220.1;Name=fc0d658e-
d170-4bf0-81b8-687c79dab4fd
SM_V9_3 iris    exon    27520010        27520063        .       -
        .       Parent=Smp_150220.1;Name=ad6abac1-d65a-406e-ba86-
d4052107eab9
SM_V9_3 iris    exon    27520733        27520899        .       -
        .       Parent=Smp_150220.1;Name=a9d790e0-2553-4d0b-
b5b0-0e82e835b2af
SM_V9_3 iris    exon    27521689        27521916        .       -
        .       Parent=Smp_150220.1;Name=89e0de94-becc-423f-
b1bf-774e5597811a
SM_V9_3 iris    exon    27523750        27523811        .       -
        .       Parent=Smp_150220.1;Name=ff5d6957-fd32-4d25-
b07e-5193e9ad47ed
SM_V9_3 iris    exon    27524243        27524393        .       -
        .
Parent=Smp_150220.1;Name=f0570483-083b-47d7-80af-8aeb483e4423
SM_V9_3 iris    exon    27525510        27525564        .       -
        .
Parent=Smp_150220.1;Name=b93f624e-47ce-4004-88fb-4ebd1394325f
SM_V9_3 iris    exon    27529265        27529392        .       -
        .       Parent=Smp_150220.1;Name=0a28a438-f064-4485-864d-
df7ceb7ba464
SM_V9_3 iris    exon    27530919        27531134        .       -
        .       Parent=Smp_150220.1;Name=943c3b88-13f5-45fc-ab07-
b1a53dd33598
SM_V9_3 iris    exon    27534969        27535027        .       -
        .       Parent=Smp_150220.1;Name=b7adfbca-ba9b-4d8e-a5c8-
c11db683501d
SM_V9_3 iris    exon    27537806        27537888        .       -
        .       Parent=Smp_150220.1;Name=308f34c6-f241-44f8-bebc-
e263657585c6
SM_V9_3 iris    exon    27538933        27539013        .       -
        .
Parent=Smp_150220.1;Name=6d6bd323-7078-4a2e-918c-1c68c2d942b4
SM_V9_3 iris    exon    27541337        27541514        .       -
        .
Parent=Smp_150220.1;Name=aab1493d-8b3e-4e63-85a2-13f180a24b1d
SM_V9_3 iris    exon    27553063        27553526        .       -
        .       Parent=Smp_150220.1;Name=10a75a07-
f41b-413f-904c-41eb15d85750
SM_V9_3 iris    exon    27560551        27560722        .       -
        .       Parent=Smp_150220.1;Name=7e87ba4b-3567-4d15-a309-
de63d5eb1071
SM_V9_3 iris    exon    27560755        27560802        .       -
        .       Parent=Smp_150220.1;Name=1024dba6-68ef-4ea2-9948-
feea76103909
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SM_V9_3 iris    exon    27560846        27561042        .       -
        .       Parent=Smp_150220.1;Name=2b456971-dc53-4689-
ae1f-386111c7c59e
SM_V9_3 iris    CDS     27517241        27517309        .       -
        0       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27518459        27518597        .       -
        1       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27520010        27520063        .       -
        1       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27520733        27520899        .       -
        0       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27521689        27521916        .       -
        0       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27523750        27523811        .       -
        2       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27524243        27524393        .       -
        0       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27525510        27525564        .       -
        1       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27529265        27529392        .       -
        0       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27530919        27531134        .       -
        0       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27534969        27535027        .       -
        2       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27537806        27537888        .       -
        1       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27538933        27539013        .       -
        1       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27541337        27541514        .       -
        2       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27553063        27553526        .       -
        1       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27560551        27560722        .       -
        2       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27560755        27560802        .       -
        2       Parent=Smp_150220.1
SM_V9_3 iris    CDS     27560846        27560912        .       -
        0       Parent=Smp_150220.1
SM_V9_3 iris    gene    27575696        27597866        .       +
        .
ID=Smp_150210;geneID=Smp_150210;gene_name=Smp_150210;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_3 iris    mRNA    27575696        27597866        .       +
        .
ID=Smp_150210.1;Parent=Smp_150210;geneID=Smp_150210;gene_name=Smp_15
0210;owner=irisadmin@local.host;orig_id=Smp_150210.1;date_last_modif
ied=2022-07-25;Name=Smp_150210.1;product=E3 ubiquitin-protein ligase
AMFR;date_creation=2022-07-25
SM_V9_3 iris    exon    27575696        27575772        .       +
        .       Parent=Smp_150210.1;Name=4338367c-c172-4846-8662-
a54769183f3a
SM_V9_3 iris    exon    27577068        27578377        .       +
        .       Parent=Smp_150210.1;Name=8052e00d-628b-4018-
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b023-652ffae92522
SM_V9_3 iris    exon    27581845        27582489        .       +
        .       Parent=Smp_150210.1;Name=a38f85bf-f2cc-4b5f-
a44b-183a9c3b0892
SM_V9_3 iris    exon    27584973        27585083        .       +
        .       Parent=Smp_150210.1;Name=41dbda1c-f1f9-4bf1-8178-
dd6a4319b8dd
SM_V9_3 iris    exon    27590659        27591012        .       +
        .       Parent=Smp_150210.1;Name=0c561e97-e005-4b7b-
a5fa-9f39baf40b21
SM_V9_3 iris    exon    27596371        27597866        .       +
        .
Parent=Smp_150210.1;Name=78ac3e29-8796-4bc0-9382-00ca655959d0
SM_V9_3 iris    CDS     27577223        27578377        .       +
        0       Parent=Smp_150210.1
SM_V9_3 iris    CDS     27581845        27582489        .       +
        0       Parent=Smp_150210.1
SM_V9_3 iris    CDS     27584973        27585083        .       +
        0       Parent=Smp_150210.1
SM_V9_3 iris    CDS     27590659        27591012        .       +
        0       Parent=Smp_150210.1
SM_V9_3 iris    CDS     27596371        27596595        .       +
        0       Parent=Smp_150210.1
SM_V9_3 iris    gene    27627542        27634629        .       +
        .
ID=Smp_150200;geneID=Smp_150200;gene_name=Smp_150200;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    27627542        27634629        .       +
        .
ID=Smp_150200.1;Parent=Smp_150200;geneID=Smp_150200;gene_name=Smp_15
0200;owner=irisadmin@local.host;orig_id=Smp_150200.1;date_last_modif
ied=2022-07-27;Name=Smp_150200.1;product=Dol-P-Man:Man(5)GlcNAc(2)-
PP-Dol alpha-1,3-mannosyltransferase;date_creation=2022-07-27
SM_V9_3 iris    exon    27627542        27627749        .       +
        .       Parent=Smp_150200.1;Name=df5251d3-3458-49e1-a26e-
ad28d660ee65
SM_V9_3 iris    exon    27627794        27627893        .       +
        .       Parent=Smp_150200.1;Name=528e13ac-b099-485d-a53b-
d05ea7661e4e
SM_V9_3 iris    exon    27627925        27628072        .       +
        .       Parent=Smp_150200.1;Name=9813f5ac-62f0-46b2-a3da-
efa9f054b81e
SM_V9_3 iris    exon    27628105        27628265        .       +
        .       Parent=Smp_150200.1;Name=c6a533ab-585b-4da7-b14c-
ea1ff98b4c90
SM_V9_3 iris    exon    27629997        27630117        .       +
        .       Parent=Smp_150200.1;Name=4639b926-66a8-4ae9-
a035-83b17948fc46
SM_V9_3 iris    exon    27630732        27630934        .       +
        .
Parent=Smp_150200.1;Name=eb84f7cb-93c3-4c5c-92b6-12288c163a3a
SM_V9_3 iris    exon    27632496        27632566        .       +
        .       Parent=Smp_150200.1;Name=5179aa74-b0c0-401b-9d54-
d664b423bbd3
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SM_V9_3 iris    exon    27633204        27633342        .       +
        .
Parent=Smp_150200.1;Name=a1aa1bc9-1cfc-4a40-953c-0cee9c7acdf4
SM_V9_3 iris    exon    27634204        27634629        .       +
        .       Parent=Smp_150200.1;Name=c860796f-2c4b-456b-8d82-
c83ab64d4baf
SM_V9_3 iris    CDS     27627620        27627749        .       +
        0       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27627794        27627893        .       +
        2       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27627925        27628072        .       +
        1       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27628105        27628265        .       +
        0       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27629997        27630117        .       +
        1       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27630732        27630934        .       +
        0       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27632496        27632566        .       +
        1       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27633204        27633342        .       +
        2       Parent=Smp_150200.1
SM_V9_3 iris    CDS     27634204        27634453        .       +
        1       Parent=Smp_150200.1
SM_V9_3 iris    gene    27645379        27665572        .       -
        .
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@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_3 iris    mRNA    27645379        27665572        .       -
        .
ID=Smp_052350.1;Parent=Smp_052350;geneID=Smp_052350;gene_name=Smp_05
2350;owner=irisadmin@local.host;orig_id=Smp_052350.2;date_last_modif
ied=2022-07-25;Name=Smp_052350.1;product=Ubiquitin thioesterase
trabid;date_creation=2022-07-25
SM_V9_3 iris    exon    27645379        27647267        .       -
        .       Parent=Smp_052350.1;Name=201f0499-
eaf1-4582-984e-6c4589170174
SM_V9_3 iris    exon    27648312        27648757        .       -
        .       Parent=Smp_052350.1;Name=e6b99496-bd10-4017-bb0f-
cc61feebe611
SM_V9_3 iris    exon    27649353        27649478        .       -
        .       Parent=Smp_052350.1;Name=a9e2596d-1ed8-4403-
b066-452291989c48
SM_V9_3 iris    exon    27653170        27653362        .       -
        .       Parent=Smp_052350.1;Name=be0faf33-9cb4-4703-
af8a-453e2797b745
SM_V9_3 iris    exon    27654313        27654434        .       -
        .       Parent=Smp_052350.1;Name=cc7b517f-b8cf-4972-a17d-
a2a464a2c362
SM_V9_3 iris    exon    27656736        27657594        .       -
        .       Parent=Smp_052350.1;Name=33005a48-92e2-49c9-
af25-2ef483862e58
SM_V9_3 iris    exon    27659113        27659806        .       -
        .       Parent=Smp_052350.1;Name=56454317-d77f-4e43-a232-
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c57df90e89e2
SM_V9_3 iris    exon    27665422        27665572        .       -
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b502-85728d1848c6
SM_V9_3 iris    CDS     27646890        27647267        .       -
        0       Parent=Smp_052350.1
SM_V9_3 iris    CDS     27648312        27648757        .       -
        2       Parent=Smp_052350.1
SM_V9_3 iris    CDS     27649353        27649478        .       -
        2       Parent=Smp_052350.1
SM_V9_3 iris    CDS     27653170        27653362        .       -
        0       Parent=Smp_052350.1
SM_V9_3 iris    CDS     27654313        27654434        .       -
        2       Parent=Smp_052350.1
SM_V9_3 iris    CDS     27656736        27657594        .       -
        0       Parent=Smp_052350.1
SM_V9_3 iris    CDS     27659113        27659802        .       -
        0       Parent=Smp_052350.1
SM_V9_3 iris    gene    27678689        27685911        .       +
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    27678689        27685911        .       +
        .
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2330;owner=irisadmin@local.host;orig_id=Smp_052330.1;date_last_modif
ied=2022-07-27;Name=Smp_052330.1;product=GDP-Man:Man(3)GlcNAc(2)-PP-
Dol alpha-1,2-mannosyltransferase;date_creation=2022-07-26
SM_V9_3 iris    exon    27678689        27678732        .       +
        .       Parent=Smp_052330.1;Name=75586ad4-
c603-4dbc-9450-6cd8019c8cba
SM_V9_3 iris    exon    27680538        27680601        .       +
        .       Parent=Smp_052330.1;Name=6dc1ba95-9907-4611-
aee5-67bed66cb7b8
SM_V9_3 iris    exon    27680632        27680843        .       +
        .       Parent=Smp_052330.1;Name=7c976083-8c61-4539-b15d-
d6931fc86f23
SM_V9_3 iris    exon    27680896        27681607        .       +
        .
Parent=Smp_052330.1;Name=fa5110ec-9e16-43f8-9829-497dce48f842
SM_V9_3 iris    exon    27683123        27683390        .       +
        .       Parent=Smp_052330.1;Name=aa7686bf-fa27-47a2-a31e-
c80110e78b07
SM_V9_3 iris    exon    27685252        27685911        .       +
        .
Parent=Smp_052330.1;Name=d43009e2-752f-4490-80ba-9ebc7497a81c
SM_V9_3 iris    CDS     27680596        27680601        .       +
        0       Parent=Smp_052330.1
SM_V9_3 iris    CDS     27680632        27680843        .       +
        0       Parent=Smp_052330.1
SM_V9_3 iris    CDS     27680896        27681607        .       +
        1       Parent=Smp_052330.1
SM_V9_3 iris    CDS     27683123        27683390        .       +
        0       Parent=Smp_052330.1
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SM_V9_3 iris    CDS     27685252        27685556        .       +
        2       Parent=Smp_052330.1
SM_V9_3 Liftoff gene    27724359        27727248        .       +
        .       ID=Smp_150180;geneID=Smp_150180
SM_V9_3 Liftoff mRNA    27724359        27727248        .       +
        .
ID=Smp_150180.1;Parent=Smp_150180;geneID=Smp_150180;product=Dopamine
receptor 2;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    27724359        27727248        .       +
        .       Parent=Smp_150180.1
SM_V9_3 Liftoff CDS     27724697        27727054        .       +
        0       Parent=Smp_150180.1
SM_V9_3 Liftoff gene    27785269        27795708        .       +
        .       ID=Smp_084380;geneID=Smp_084380
SM_V9_3 Liftoff mRNA    27785269        27795708        .       +
        .
ID=Smp_084380.1;Parent=Smp_084380;geneID=Smp_084380;product=Cleavage
and polyadenylation specificity factor subunit
3;polypeptide_domain=InterPro:IPR001279,IPR011108,IPR021718,IPR02271
2 Pfam:PF07521,PF10996,PF11718,PF16661
SM_V9_3 Liftoff exon    27785269        27785364        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27788206        27788269        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27788310        27788410        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27788444        27788572        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27788608        27788791        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27788834        27789250        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27789300        27789605        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27790555        27790816        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27791332        27791528        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27792237        27792324        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27793327        27793499        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff exon    27795515        27795708        .       +
        .       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27785312        27785364        .       +
        0       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27788206        27788269        .       +
        1       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27788310        27788410        .       +
        0       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27788444        27788572        .       +
        1       Parent=Smp_084380.1
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SM_V9_3 Liftoff CDS     27788608        27788791        .       +
        1       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27788834        27789250        .       +
        0       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27789300        27789605        .       +
        0       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27790555        27790816        .       +
        0       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27791332        27791528        .       +
        2       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27792237        27792324        .       +
        0       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27793327        27793499        .       +
        2       Parent=Smp_084380.1
SM_V9_3 Liftoff CDS     27795515        27795601        .       +
        0       Parent=Smp_084380.1
SM_V9_3 iris    gene    27801574        27817297        .       -
        .
ID=Smp_167920;geneID=Smp_167920;gene_name=Smp_167920;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-07-25
SM_V9_3 iris    mRNA    27801574        27817297        .       -
        .
ID=Smp_167920.1;Parent=Smp_167920;geneID=Smp_167920;gene_name=Smp_16
7920;owner=irisadmin@local.host;orig_id=Smp_167920.3;date_last_modif
ied=2022-09-07;Name=Smp_167920.1;product=Ubinuclein-2;date_creation=
2022-07-25
SM_V9_3 iris    exon    27801574        27802317        .       -
        .       Parent=Smp_167920.1;Name=7e42d118-d3da-45ad-97f8-
e7a1d6c753d1
SM_V9_3 iris    exon    27803190        27803661        .       -
        .       Parent=Smp_167920.1;Name=5f41a3f7-
a2d9-4031-9377-7d4dead0af20
SM_V9_3 iris    exon    27804725        27805486        .       -
        .       Parent=Smp_167920.1;Name=35205162-acf4-4fcc-ac4b-
af19fca39e82
SM_V9_3 iris    exon    27806549        27806599        .       -
        .       Parent=Smp_167920.1;Name=9a9fa4cc-557f-491c-
adbf-534827342da0
SM_V9_3 iris    exon    27808464        27808601        .       -
        .       Parent=Smp_167920.1;Name=aa573f00-
cf6c-40c3-92ab-9cbbbf0e9ba2
SM_V9_3 iris    exon    27809234        27809362        .       -
        .       Parent=Smp_167920.1;Name=61baaf00-0760-48fd-9b32-
d6d213952266
SM_V9_3 iris    exon    27810300        27810387        .       -
        .
Parent=Smp_167920.1;Name=56214ce4-72a2-4e35-95ee-2596454af9cc
SM_V9_3 iris    exon    27811433        27811608        .       -
        .       Parent=Smp_167920.1;Name=6e034db4-
dcd9-4ae5-99ad-697ee8f33daa
SM_V9_3 iris    exon    27813419        27813483        .       -
        .       Parent=Smp_167920.1;Name=591ec8e9-a675-4fa7-9272-
f80f71605263
SM_V9_3 iris    exon    27815885        27816188        .       -
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        .       Parent=Smp_167920.1;Name=592c2f4f-17b6-4b7e-
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SM_V9_3 iris    exon    27816222        27816271        .       -
        .
Parent=Smp_167920.1;Name=444a853d-56e2-4105-9c05-02a1b0ca887d
SM_V9_3 iris    exon    27816308        27816433        .       -
        .       Parent=Smp_167920.1;Name=e1d36865-3a3b-4452-
bb96-7beebf30b800
SM_V9_3 iris    exon    27816474        27816590        .       -
        .       Parent=Smp_167920.1;Name=a6a31598-77a1-4958-b11a-
b0186614121e
SM_V9_3 iris    exon    27816628        27816732        .       -
        .       Parent=Smp_167920.1;Name=40c6c130-b947-4e78-b0d4-
d08bd1e5eba4
SM_V9_3 iris    exon    27816992        27817297        .       -
        .       Parent=Smp_167920.1;Name=e3430cea-81a2-4330-
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SM_V9_3 iris    CDS     27803235        27803661        .       -
        1       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27804725        27805486        .       -
        1       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27806549        27806599        .       -
        1       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27808464        27808601        .       -
        1       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27809234        27809362        .       -
        1       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27810300        27810387        .       -
        2       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27811433        27811608        .       -
        1       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27813419        27813483        .       -
        0       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27815885        27816188        .       -
        1       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27816222        27816271        .       -
        0       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27816308        27816433        .       -
        0       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27816474        27816590        .       -
        0       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27816628        27816732        .       -
        0       Parent=Smp_167920.1
SM_V9_3 iris    CDS     27816992        27817096        .       -
        0       Parent=Smp_167920.1
SM_V9_3 Liftoff gene    27830849        27848740        .       +
        .       ID=Smp_084400;geneID=Smp_084400
SM_V9_3 Liftoff mRNA    27830849        27848740        .       +
        .
ID=Smp_084400.1;Parent=Smp_084400;geneID=Smp_084400;product=Protein
RMD5 homolog A;polypeptide_domain=InterPro:IPR013083,IPR024964
Pfam:PF10607
SM_V9_3 Liftoff exon    27830849        27831064        .       +
        .       Parent=Smp_084400.1
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SM_V9_3 Liftoff exon    27833137        27833270        .       +
        .       Parent=Smp_084400.1
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        .       Parent=Smp_084400.1
SM_V9_3 Liftoff exon    27836222        27836322        .       +
        .       Parent=Smp_084400.1
SM_V9_3 Liftoff exon    27839181        27839347        .       +
        .       Parent=Smp_084400.1
SM_V9_3 Liftoff exon    27841388        27841782        .       +
        .       Parent=Smp_084400.1
SM_V9_3 Liftoff exon    27844230        27844405        .       +
        .       Parent=Smp_084400.1
SM_V9_3 Liftoff exon    27847796        27848740        .       +
        .       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27830905        27831064        .       +
        0       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27833137        27833270        .       +
        2       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27833312        27833530        .       +
        0       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27836222        27836322        .       +
        0       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27839181        27839347        .       +
        1       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27841388        27841782        .       +
        2       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27844230        27844405        .       +
        0       Parent=Smp_084400.1
SM_V9_3 Liftoff CDS     27847796        27847862        .       +
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SM_V9_3 Liftoff gene    27872723        27877345        .       -
        .       ID=Smp_007510;geneID=Smp_007510
SM_V9_3 Liftoff mRNA    27872723        27877345        .       -
        .
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dependent kinase
12;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009
Pfam:PF00069,PF12330;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_3 Liftoff exon    27872723        27873603        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27873636        27873757        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27873791        27873922        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27873956        27874150        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27874188        27874349        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27874383        27874572        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27874612        27874782        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27874825        27874958        .       -
        .       Parent=Smp_007510.1
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SM_V9_3 Liftoff exon    27875998        27876156        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27876194        27876685        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27876728        27876928        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27876963        27876998        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff exon    27877041        27877345        .       -
        .       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27873086        27873603        .       -
        2       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27873636        27873757        .       -
        1       Parent=Smp_007510.1
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        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27873956        27874150        .       -
        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27874188        27874349        .       -
        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27874383        27874572        .       -
        2       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27874612        27874782        .       -
        2       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27874825        27874958        .       -
        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27875998        27876156        .       -
        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27876194        27876685        .       -
        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27876728        27876928        .       -
        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27876963        27876998        .       -
        1       Parent=Smp_007510.1
SM_V9_3 Liftoff CDS     27877041        27877042        .       -
        0       Parent=Smp_007510.1
SM_V9_3 iris    gene    27905045        27906695        .       +
        .
ID=Smp_007500;geneID=Smp_007500;gene_name=Smp_007500;owner=irisadmin
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SM_V9_3 iris    mRNA    27905045        27906695        .       +
        .
ID=Smp_007500.1;Parent=Smp_007500;geneID=Smp_007500;gene_name=Smp_00
7500;owner=irisadmin@local.host;orig_id=Smp_007500.1;date_last_modif
ied=2022-07-25;Name=Smp_007500.1;product=Golgi phosphoprotein 3
homolog sauron;date_creation=2022-07-25
SM_V9_3 iris    exon    27905045        27905139        .       +
        .       Parent=Smp_007500.1;Name=c4041342-2a07-4623-bc44-
bf646b3118ca
SM_V9_3 iris    exon    27905187        27905270        .       +
        .
Parent=Smp_007500.1;Name=0ce823e0-2fb8-4514-917c-7c6256ffff95
SM_V9_3 iris    exon    27905309        27905526        .       +
        .       Parent=Smp_007500.1;Name=73501989-d8a0-44be-a64b-
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e1defd3e9dd3
SM_V9_3 iris    exon    27905562        27905805        .       +
        .       Parent=Smp_007500.1;Name=bead3194-
f24b-437e-8e1c-63d73e831d59
SM_V9_3 iris    exon    27905842        27906695        .       +
        .       Parent=Smp_007500.1;Name=68a0b9a8-f182-4d58-8388-
d03c2e7681db
SM_V9_3 iris    CDS     27905353        27905526        .       +
        0       Parent=Smp_007500.1
SM_V9_3 iris    CDS     27905562        27905805        .       +
        0       Parent=Smp_007500.1
SM_V9_3 iris    CDS     27905842        27906266        .       +
        2       Parent=Smp_007500.1
SM_V9_3 iris    gene    27929628        27936699        .       -
        .
ID=Smp_168800;geneID=Smp_168800;gene_name=Smp_168800;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    27929628        27936699        .       -
        .
ID=Smp_168800.1;Parent=Smp_168800;geneID=Smp_168800;gene_name=Smp_16
8800;owner=irisadmin@local.host;orig_id=Smp_168800.1;date_last_modif
ied=2022-09-07;Name=Smp_168800.1;product=Ubiquitin carboxyl-terminal
hydrolase isozyme L3;date_creation=2022-09-07
SM_V9_3 iris    exon    27929628        27929938        .       -
        .       Parent=Smp_168800.1;Name=6ebe9293-f2d9-432f-957c-
f51531956f38
SM_V9_3 iris    exon    27931978        27932053        .       -
        .       Parent=Smp_168800.1;Name=ff9983c5-4830-499d-802a-
fdbab162acd7
SM_V9_3 iris    exon    27932099        27932149        .       -
        .       Parent=Smp_168800.1;Name=f1037386-b454-47b7-
a632-1122fcd0b96e
SM_V9_3 iris    exon    27932186        27932265        .       -
        .
Parent=Smp_168800.1;Name=50871f4c-0449-41ac-94f1-6fb493565dcc
SM_V9_3 iris    exon    27933099        27933506        .       -
        .       Parent=Smp_168800.1;Name=5f624556-0721-4074-
b894-1ca69afeb417
SM_V9_3 iris    exon    27936586        27936699        .       -
        .       Parent=Smp_168800.1;Name=534399db-0294-44bf-a704-
d3bbcfa4877e
SM_V9_3 iris    CDS     27929790        27929938        .       -
        2       Parent=Smp_168800.1
SM_V9_3 iris    CDS     27931978        27932053        .       -
        0       Parent=Smp_168800.1
SM_V9_3 iris    CDS     27932099        27932149        .       -
        0       Parent=Smp_168800.1
SM_V9_3 iris    CDS     27932186        27932265        .       -
        2       Parent=Smp_168800.1
SM_V9_3 iris    CDS     27933099        27933363        .       -
        0       Parent=Smp_168800.1
SM_V9_3 Liftoff gene    27945949        27969653        .       +
        .       ID=Smp_085790;geneID=Smp_085790
SM_V9_3 Liftoff mRNA    27945949        27969653        .       +
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        .
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transcription regulator 3 homolog
SM_V9_3 Liftoff exon    27945949        27946199        .       +
        .       Parent=Smp_085790.1
SM_V9_3 Liftoff exon    27960728        27961015        .       +
        .       Parent=Smp_085790.1
SM_V9_3 Liftoff exon    27962284        27962367        .       +
        .       Parent=Smp_085790.1
SM_V9_3 Liftoff exon    27964921        27969653        .       +
        .       Parent=Smp_085790.1
SM_V9_3 Liftoff CDS     27946006        27946199        .       +
        0       Parent=Smp_085790.1
SM_V9_3 Liftoff CDS     27960728        27961015        .       +
        1       Parent=Smp_085790.1
SM_V9_3 Liftoff CDS     27962284        27962367        .       +
        1       Parent=Smp_085790.1
SM_V9_3 Liftoff CDS     27964921        27965131        .       +
        1       Parent=Smp_085790.1
SM_V9_3 Liftoff gene    28012778        28024715        .       -
        .
ID=Smp_197540;geneID=Smp_197540;previous_systematic_id=Smp_126160
SM_V9_3 Liftoff mRNA    28012778        28024715        .       -
        .
ID=Smp_197540.1;Parent=Smp_197540;geneID=Smp_197540;product=Protein
LMBR1L;polypeptide_domain=InterPro:IPR008075
SM_V9_3 Liftoff exon    28012778        28014067        .       -
        .       Parent=Smp_197540.1
SM_V9_3 Liftoff exon    28015613        28024715        .       -
        .       Parent=Smp_197540.1
SM_V9_3 Liftoff CDS     28013285        28014067        .       -
        0       Parent=Smp_197540.1
SM_V9_3 Liftoff CDS     28015613        28017040        .       -
        0       Parent=Smp_197540.1
SM_V9_3 iris    gene    28036337        28047165        .       -
        .
ID=Smp_326250;geneID=Smp_326250;gene_name=Smp_326250;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    28036337        28047165        .       -
        .
ID=Smp_326250.1;Parent=Smp_326250;geneID=Smp_326250;gene_name=Smp_32
6250;owner=irisadmin@local.host;orig_id=Smp_326250.1;date_last_modif
ied=2022-09-07;Name=Smp_326250.1;product=Arginine--tRNA
ligase;date_creation=2022-09-07
SM_V9_3 iris    exon    28036337        28036568        .       -
        .
Parent=Smp_326250.1;Name=825e768a-006e-47f2-8f54-2682aa0b892e
SM_V9_3 iris    exon    28043430        28043747        .       -
        .       Parent=Smp_326250.1;Name=f6ca811b-5370-47bf-
b56e-5fefce41f3c5
SM_V9_3 iris    exon    28046795        28047165        .       -
        .
Parent=Smp_326250.1;Name=10dd53d2-7d5e-4144-911c-9d130c41e616
SM_V9_3 iris    CDS     28036437        28036568        .       -
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        0       Parent=Smp_326250.1
SM_V9_3 iris    CDS     28043430        28043747        .       -
        0       Parent=Smp_326250.1
SM_V9_3 iris    CDS     28046795        28047124        .       -
        0       Parent=Smp_326250.1
SM_V9_3 iris    gene    28049942        28061375        .       -
        .
ID=Smp_085780;geneID=Smp_085780;gene_name=Smp_085780;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28049942        28061375        .       -
        .
ID=Smp_085780.1;Parent=Smp_085780;geneID=Smp_085780;gene_name=Smp_08
5780;owner=irisadmin@local.host;orig_id=Smp_085780.1;date_last_modif
ied=2022-07-27;Name=Smp_085780.1;product=39S ribosomal protein L10,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    28049942        28050362        .       -
        .       Parent=Smp_085780.1;Name=89ce832b-c9ae-4aa4-
a279-0dcca82b83a2
SM_V9_3 iris    exon    28051871        28052022        .       -
        .       Parent=Smp_085780.1;Name=4c83dc36-581f-408f-
adc3-45212e70c159
SM_V9_3 iris    exon    28053339        28053526        .       -
        .
Parent=Smp_085780.1;Name=fcbd6404-05ae-46dc-912f-6224538d110b
SM_V9_3 iris    exon    28056303        28056530        .       -
        .       Parent=Smp_085780.1;Name=68872bec-
a08f-40f9-80a8-4b3c5a07f7fa
SM_V9_3 iris    exon    28061340        28061375        .       -
        .       Parent=Smp_085780.1;Name=8126258f-
f621-456f-9121-7b0a011b1e8a
SM_V9_3 iris    CDS     28050130        28050362        .       -
        2       Parent=Smp_085780.1
SM_V9_3 iris    CDS     28051871        28052022        .       -
        1       Parent=Smp_085780.1
SM_V9_3 iris    CDS     28053339        28053526        .       -
        0       Parent=Smp_085780.1
SM_V9_3 iris    CDS     28056303        28056503        .       -
        0       Parent=Smp_085780.1
SM_V9_3 iris    gene    28070707        28080348        .       +
        .
ID=Smp_168780;geneID=Smp_168780;gene_name=Smp_168780;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    28070707        28080348        .       +
        .
ID=Smp_168780.1;Parent=Smp_168780;geneID=Smp_168780;gene_name=Smp_16
8780;owner=irisadmin@local.host;orig_id=Smp_168780.1;date_last_modif
ied=2022-09-07;Name=Smp_168780.1;product=Agrin;date_creation=2022-09
-07
SM_V9_3 iris    exon    28070707        28070780        .       +
        .       Parent=Smp_168780.1;Name=2027afff-b515-4e04-bc69-
b3f148192e64
SM_V9_3 iris    exon    28073662        28074151        .       +
        .       Parent=Smp_168780.1;Name=06fd2557-6cf1-41e3-
a95b-96d783b21086
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SM_V9_3 iris    exon    28075618        28075811        .       +
        .       Parent=Smp_168780.1;Name=c6d026c7-fcb5-470e-9bdf-
a666434c29f5
SM_V9_3 iris    exon    28079966        28080348        .       +
        .
Parent=Smp_168780.1;Name=f45eaca9-25cf-408f-926c-5062e8e587af
SM_V9_3 iris    CDS     28073670        28074151        .       +
        0       Parent=Smp_168780.1
SM_V9_3 iris    CDS     28075618        28075675        .       +
        1       Parent=Smp_168780.1
SM_V9_3 Liftoff gene    28088491        28094895        .       -
        .       ID=Smp_168770;geneID=Smp_168770
SM_V9_3 Liftoff mRNA    28088491        28094895        .       -
        .
ID=Smp_168770.1;Parent=Smp_168770;geneID=Smp_168770;product=Mitochon
drial import inner membrane translocase subunit
Tim16;polypeptide_domain=InterPro:IPR001623 Pfam:PF03656
SM_V9_3 Liftoff exon    28088491        28088963        .       -
        .       Parent=Smp_168770.1
SM_V9_3 Liftoff exon    28089402        28089701        .       -
        .       Parent=Smp_168770.1
SM_V9_3 Liftoff exon    28094819        28094895        .       -
        .       Parent=Smp_168770.1
SM_V9_3 Liftoff CDS     28088862        28088963        .       -
        0       Parent=Smp_168770.1
SM_V9_3 Liftoff CDS     28089402        28089701        .       -
        0       Parent=Smp_168770.1
SM_V9_3 Liftoff CDS     28094819        28094821        .       -
        0       Parent=Smp_168770.1
SM_V9_3 iris    gene    28099409        28110547        .       +
        .
ID=Smp_085750;geneID=Smp_085750;gene_name=Smp_085750;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28099409        28110547        .       +
        .
ID=Smp_085750.1;Parent=Smp_085750;geneID=Smp_085750;gene_name=Smp_08
5750;owner=irisadmin@local.host;orig_id=Smp_085750.1;date_last_modif
ied=2022-09-07;Name=Smp_085750.1;product=Zinc finger protein
330;date_creation=2022-09-07
SM_V9_3 iris    exon    28099409        28099534        .       +
        .       Parent=Smp_085750.1;Name=e0a4ca2b-354a-4e9c-94a1-
d9078c44e855
SM_V9_3 iris    exon    28105813        28105936        .       +
        .       Parent=Smp_085750.1;Name=313a7666-e1ac-4b56-
ad91-8b70928bb727
SM_V9_3 iris    exon    28105974        28106144        .       +
        .
Parent=Smp_085750.1;Name=415b72d8-04ae-4179-82c9-98d90a463af5
SM_V9_3 iris    exon    28108131        28108325        .       +
        .       Parent=Smp_085750.1;Name=0ba45b3b-f780-4777-ae32-
fb4f4ccaebf3
SM_V9_3 iris    exon    28109614        28109815        .       +
        .       Parent=Smp_085750.1;Name=0bf73397-260a-4580-9b7f-
c27e257df169
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SM_V9_3 iris    exon    28110382        28110547        .       +
        .       Parent=Smp_085750.1;Name=94a37cbd-278a-4751-a77e-
edd700e6f1e4
SM_V9_3 iris    CDS     28105817        28105936        .       +
        0       Parent=Smp_085750.1
SM_V9_3 iris    CDS     28105974        28106144        .       +
        0       Parent=Smp_085750.1
SM_V9_3 iris    CDS     28108131        28108325        .       +
        0       Parent=Smp_085750.1
SM_V9_3 iris    CDS     28109614        28109815        .       +
        0       Parent=Smp_085750.1
SM_V9_3 iris    CDS     28110382        28110536        .       +
        2       Parent=Smp_085750.1
SM_V9_3 iris    mRNA    28099409        28110547        .       +
        .
ID=Smp_085750.2;Parent=Smp_085750;geneID=Smp_085750;gene_name=Smp_08
5750;owner=irisadmin@local.host;orig_id=Smp_085750.2;date_last_modif
ied=2022-09-07;Name=Smp_085750.2;product=Zinc finger protein
330;date_creation=2022-07-26
SM_V9_3 iris    exon    28099409        28099534        .       +
        .       Parent=Smp_085750.2;Name=26d42b81-8c3c-43c8-
aa16-12680418eed8
SM_V9_3 iris    exon    28105813        28105936        .       +
        .
Parent=Smp_085750.2;Name=773a226a-04ba-4e78-89fe-0b7a46475d14
SM_V9_3 iris    exon    28105974        28106144        .       +
        .
Parent=Smp_085750.2;Name=4f8b451a-2b4b-4a64-9767-0564fedaded4
SM_V9_3 iris    exon    28108131        28108325        .       +
        .       Parent=Smp_085750.2;Name=a44bd97c-a4b1-4648-86ac-
fc8403ceca44
SM_V9_3 iris    exon    28109614        28110547        .       +
        .       Parent=Smp_085750.2;Name=dfacfe03-7220-4c96-82eb-
a14831551cb2
SM_V9_3 iris    CDS     28105817        28105936        .       +
        0       Parent=Smp_085750.2
SM_V9_3 iris    CDS     28105974        28106144        .       +
        0       Parent=Smp_085750.2
SM_V9_3 iris    CDS     28108131        28108325        .       +
        0       Parent=Smp_085750.2
SM_V9_3 iris    CDS     28109614        28109826        .       +
        0       Parent=Smp_085750.2
SM_V9_3 Liftoff gene    28110332        28121765        .       -
        .       ID=Smp_085740;geneID=Smp_085740
SM_V9_3 Liftoff mRNA    28110332        28121765        .       -
        .
ID=Smp_085740.1;Parent=Smp_085740;geneID=Smp_085740;product=Abl
interactor 2;polypeptide_domain=InterPro:IPR001452,IPR012849
Pfam:PF07815,PF14604;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    28110332        28110793        .       -
        .       Parent=Smp_085740.1
SM_V9_3 Liftoff exon    28112107        28112377        .       -
        .       Parent=Smp_085740.1
SM_V9_3 Liftoff exon    28114472        28114792        .       -
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        .       Parent=Smp_085740.1
SM_V9_3 Liftoff exon    28115086        28115447        .       -
        .       Parent=Smp_085740.1
SM_V9_3 Liftoff exon    28117998        28118178        .       -
        .       Parent=Smp_085740.1
SM_V9_3 Liftoff exon    28121170        28121346        .       -
        .       Parent=Smp_085740.1
SM_V9_3 Liftoff exon    28121379        28121546        .       -
        .       Parent=Smp_085740.1
SM_V9_3 Liftoff exon    28121579        28121765        .       -
        .       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28110624        28110793        .       -
        2       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28112107        28112377        .       -
        0       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28114472        28114792        .       -
        0       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28115086        28115447        .       -
        2       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28117998        28118178        .       -
        0       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28121170        28121346        .       -
        0       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28121379        28121546        .       -
        0       Parent=Smp_085740.1
SM_V9_3 Liftoff CDS     28121579        28121674        .       -
        0       Parent=Smp_085740.1
SM_V9_3 Liftoff gene    28141482        28143491        .       +
        .       ID=Smp_076650;geneID=Smp_076650
SM_V9_3 Liftoff mRNA    28141482        28143491        .       +
        .
ID=Smp_076650.1;Parent=Smp_076650;geneID=Smp_076650;product=Calcium
release-activated calcium channel protein
1;polypeptide_domain=InterPro:IPR012446 Pfam:PF07856
SM_V9_3 Liftoff exon    28141482        28142819        .       +
        .       Parent=Smp_076650.1
SM_V9_3 Liftoff exon    28142855        28143042        .       +
        .       Parent=Smp_076650.1
SM_V9_3 Liftoff exon    28143084        28143144        .       +
        .       Parent=Smp_076650.1
SM_V9_3 Liftoff exon    28143186        28143491        .       +
        .       Parent=Smp_076650.1
SM_V9_3 Liftoff CDS     28142664        28142819        .       +
        0       Parent=Smp_076650.1
SM_V9_3 Liftoff CDS     28142855        28143042        .       +
        0       Parent=Smp_076650.1
SM_V9_3 Liftoff CDS     28143084        28143144        .       +
        1       Parent=Smp_076650.1
SM_V9_3 Liftoff CDS     28143186        28143287        .       +
        0       Parent=Smp_076650.1
SM_V9_3 Liftoff mRNA    28141482        28143491        .       +
        .
ID=Smp_076650.2;Parent=Smp_076650;geneID=Smp_076650;product=Calcium
release-activated calcium channel protein
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1;polypeptide_domain=InterPro:IPR012446 Pfam:PF07856
SM_V9_3 Liftoff exon    28141482        28142819        .       +
        .       Parent=Smp_076650.2
SM_V9_3 Liftoff exon    28142855        28143042        .       +
        .       Parent=Smp_076650.2
SM_V9_3 Liftoff exon    28143084        28143491        .       +
        .       Parent=Smp_076650.2
SM_V9_3 Liftoff CDS     28142664        28142819        .       +
        0       Parent=Smp_076650.2
SM_V9_3 Liftoff CDS     28142855        28143042        .       +
        0       Parent=Smp_076650.2
SM_V9_3 Liftoff CDS     28143084        28143390        .       +
        1       Parent=Smp_076650.2
SM_V9_3 iris    gene    28152110        28170178        .       +
        .
ID=Smp_168760;geneID=Smp_168760;gene_name=Smp_168760;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28152110        28170178        .       +
        .
ID=Smp_168760.1;Parent=Smp_168760;geneID=Smp_168760;gene_name=Smp_16
8760;owner=irisadmin@local.host;orig_id=Smp_168760.1;date_last_modif
ied=2022-07-27;Name=Smp_168760.1;product=Pyridine nucleotide-
disulfide oxidoreductase domain-containing protein
1;date_creation=2022-07-26
SM_V9_3 iris    exon    28152110        28152550        .       +
        .       Parent=Smp_168760.1;Name=cc353860-e3dc-438f-b008-
ce1cfb1e9aee
SM_V9_3 iris    exon    28155680        28155852        .       +
        .       Parent=Smp_168760.1;Name=369c32ec-
aa86-4560-95a0-88892fe80d11
SM_V9_3 iris    exon    28162101        28162561        .       +
        .       Parent=Smp_168760.1;Name=53cf1eeb-36d1-40de-819e-
b4c20d152b03
SM_V9_3 iris    exon    28163080        28163571        .       +
        .
Parent=Smp_168760.1;Name=4be7e8b4-705a-4dd3-8f33-1db97bc74f8f
SM_V9_3 iris    exon    28167311        28167412        .       +
        .       Parent=Smp_168760.1;Name=d0dc81a3-d4b3-48e7-a801-
bcacae4db439
SM_V9_3 iris    exon    28169686        28170178        .       +
        .       Parent=Smp_168760.1;Name=cb34df1d-fb60-4938-
bc90-0d56d17a6354
SM_V9_3 iris    CDS     28152216        28152550        .       +
        0       Parent=Smp_168760.1
SM_V9_3 iris    CDS     28155680        28155852        .       +
        1       Parent=Smp_168760.1
SM_V9_3 iris    CDS     28162101        28162561        .       +
        2       Parent=Smp_168760.1
SM_V9_3 iris    CDS     28163080        28163571        .       +
        0       Parent=Smp_168760.1
SM_V9_3 iris    CDS     28167311        28167412        .       +
        0       Parent=Smp_168760.1
SM_V9_3 iris    CDS     28169686        28169943        .       +
        0       Parent=Smp_168760.1
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SM_V9_3 Liftoff gene    28217698        28268228        .       -
        .       ID=Smp_131600;geneID=Smp_131600
SM_V9_3 Liftoff mRNA    28217698        28268228        .       -
        .
ID=Smp_131600.1;Parent=Smp_131600;geneID=Smp_131600;product=Protocad
herin Fat
4;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_3 Liftoff exon    28217698        28218625        .       -
        .       Parent=Smp_131600.1
SM_V9_3 Liftoff exon    28233693        28234306        .       -
        .       Parent=Smp_131600.1
SM_V9_3 Liftoff exon    28236851        28237496        .       -
        .       Parent=Smp_131600.1
SM_V9_3 Liftoff exon    28245107        28268228        .       -
        .       Parent=Smp_131600.1
SM_V9_3 Liftoff CDS     28218305        28218625        .       -
        0       Parent=Smp_131600.1
SM_V9_3 Liftoff CDS     28233693        28234306        .       -
        2       Parent=Smp_131600.1
SM_V9_3 Liftoff CDS     28236851        28237496        .       -
        0       Parent=Smp_131600.1
SM_V9_3 Liftoff CDS     28245107        28247992        .       -
        0       Parent=Smp_131600.1
SM_V9_3 iris    gene    28349645        28350328        .       -
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28349645        28350328        .       -
        .
ID=Smp_087550.1;Parent=Smp_087550;geneID=Smp_087550;gene_name=Smp_08
7550;owner=irisadmin@local.host;orig_id=Smp_087550.1;date_last_modif
ied=2022-07-27;Name=Smp_087550.1;product=Adhesion G-protein coupled
receptor D2;date_creation=2022-07-26
SM_V9_3 iris    exon    28349645        28349982        .       -
        .       Parent=Smp_087550.1;Name=e306782b-f0eb-4d4b-
b247-187ed4ed8fd7
SM_V9_3 iris    exon    28350020        28350168        .       -
        .       Parent=Smp_087550.1;Name=7cef7a60-5f91-4f73-
ae47-6b95ecae7169
SM_V9_3 iris    exon    28350206        28350328        .       -
        .       Parent=Smp_087550.1;Name=37aad0a6-7837-4ae9-
bd24-8116ec1d346c
SM_V9_3 iris    CDS     28349878        28349982        .       -
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SM_V9_3 iris    CDS     28350020        28350168        .       -
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SM_V9_3 iris    CDS     28350206        28350287        .       -
        0       Parent=Smp_087550.1
SM_V9_3 Liftoff gene    28367892        28379814        .       +
        .       ID=Smp_087560;geneID=Smp_087560
SM_V9_3 Liftoff mRNA    28367892        28379814        .       +
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ID=Smp_087560.1;Parent=Smp_087560;geneID=Smp_087560;product=Coiled-
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        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28371348        28371496        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28371554        28371657        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28375315        28375395        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28375462        28375604        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28376947        28377342        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28377657        28377830        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28378581        28378798        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff exon    28379508        28379814        .       +
        .       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28371153        28371293        .       +
        0       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28371348        28371496        .       +
        0       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28371554        28371657        .       +
        1       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28375315        28375395        .       +
        2       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28375462        28375604        .       +
        2       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28376947        28377342        .       +
        0       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28377657        28377830        .       +
        0       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28378581        28378798        .       +
        0       Parent=Smp_087560.1
SM_V9_3 Liftoff CDS     28379508        28379646        .       +
        1       Parent=Smp_087560.1
SM_V9_3 Liftoff mRNA    28367892        28379814        .       +
        .
ID=Smp_087560.2;Parent=Smp_087560;geneID=Smp_087560;product=Coiled-
coil domain-containing protein 65;polypeptide_domain=Pfam:PF14772
SM_V9_3 Liftoff exon    28367892        28371293        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff exon    28371348        28371496        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff exon    28371554        28371657        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff exon    28375315        28375395        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff exon    28375465        28375604        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff exon    28376947        28377342        .       +
        .       Parent=Smp_087560.2
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SM_V9_3 Liftoff exon    28377657        28377830        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff exon    28378581        28378798        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff exon    28379508        28379814        .       +
        .       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28371153        28371293        .       +
        0       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28371348        28371496        .       +
        0       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28371554        28371657        .       +
        1       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28375315        28375395        .       +
        2       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28375465        28375604        .       +
        2       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28376947        28377342        .       +
        0       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28377657        28377830        .       +
        0       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28378581        28378798        .       +
        0       Parent=Smp_087560.2
SM_V9_3 Liftoff CDS     28379508        28379646        .       +
        1       Parent=Smp_087560.2
SM_V9_3 iris    gene    28380703        28403932        .       -
        .
ID=Smp_169780;geneID=Smp_169780;gene_name=Smp_169780;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28380703        28403932        .       -
        .
ID=Smp_169780.1;Parent=Smp_169780;geneID=Smp_169780;gene_name=Smp_16
9780;owner=irisadmin@local.host;orig_id=Smp_169780.1;date_last_modif
ied=2022-07-27;Name=Smp_169780.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    28380703        28383128        .       -
        .
Parent=Smp_169780.1;Name=819b42a5-7631-4efb-9a77-88974dbc7195
SM_V9_3 iris    exon    28384470        28384697        .       -
        .       Parent=Smp_169780.1;Name=19a88c67-e8a7-4133-a925-
cb8adc5cf8d0
SM_V9_3 iris    exon    28396424        28396560        .       -
        .       Parent=Smp_169780.1;Name=1483d6f4-c557-446a-a6e2-
cf6e78c30064
SM_V9_3 iris    exon    28403050        28403932        .       -
        .       Parent=Smp_169780.1;Name=86510101-e896-4bb8-92b6-
afdd72f43a20
SM_V9_3 iris    CDS     28381564        28383128        .       -
        2       Parent=Smp_169780.1
SM_V9_3 iris    CDS     28384470        28384697        .       -
        2       Parent=Smp_169780.1
SM_V9_3 iris    CDS     28396424        28396560        .       -
        1       Parent=Smp_169780.1
SM_V9_3 iris    CDS     28403050        28403819        .       -
        0       Parent=Smp_169780.1
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       .
ID=Smp_087580;geneID=Smp_087580;gene_name=Smp_087580;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28410642        28435950        .       +
       .
ID=Smp_087580.1;Parent=Smp_087580;geneID=Smp_087580;gene_name=Smp_08
7580;owner=irisadmin@local.host;orig_id=Smp_087580.1;date_last_modif
ied=2022-07-27;Name=Smp_087580.1;product=ALG-2 interacting protein
X;date_creation=2022-07-26
SM_V9_3 iris    exon    28410642        28410887        .       +
       .       Parent=Smp_087580.1;Name=ca139656-efb2-4338-a333-
b9437680de82
SM_V9_3 iris    exon    28411808        28411908        .       +
       .
Parent=Smp_087580.1;Name=dec4af37-1447-415f-807a-62b6460ab565
SM_V9_3 iris    exon    28411952        28412079        .       +
       .       Parent=Smp_087580.1;Name=e5006c54-c7e2-42cb-95b5-
c4753dde705a
SM_V9_3 iris    exon    28417107        28417245        .       +
       .       Parent=Smp_087580.1;Name=a7306e33-6cd1-4f3f-
a3af-70d5f08f2166
SM_V9_3 iris    exon    28419873        28419994        .       +
       .       Parent=Smp_087580.1;Name=66cab5de-f0fb-47ba-
b616-8e39685145b6
SM_V9_3 iris    exon    28420035        28420133        .       +
       .       Parent=Smp_087580.1;Name=997f2042-2222-4b65-
b791-12caf50321f0
SM_V9_3 iris    exon    28421692        28421999        .       +
       .       Parent=Smp_087580.1;Name=9c3ce770-de11-4fd6-
a3db-6baf8ebb5d31
SM_V9_3 iris    exon    28423787        28423964        .       +
       .
Parent=Smp_087580.1;Name=1be934e9-0c42-42c0-9ecd-4f9c5c85850a
SM_V9_3 iris    exon    28429309        28429452        .       +
       .       Parent=Smp_087580.1;Name=500691f0-1208-4771-
a7b2-7c278d604bfa
SM_V9_3 iris    exon    28429949        28430204        .       +
       .       Parent=Smp_087580.1;Name=4340a3e0-a09b-4983-8de6-
d23e6a35c0da
SM_V9_3 iris    exon    28431396        28431712        .       +
       .       Parent=Smp_087580.1;Name=b07432fd-b779-4ac2-bd8c-
b058e946d3a5
SM_V9_3 iris    exon    28433897        28433996        .       +
       .       Parent=Smp_087580.1;Name=f33606af-9bbb-49b3-b5a7-
c1c8e3af0a5d
SM_V9_3 iris    exon    28435399        28435950        .       +
       .       Parent=Smp_087580.1;Name=9de7e925-a718-4ae1-9637-
a772fea08fc3
SM_V9_3 iris    CDS     28410688        28410887        .       +
       0       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28411808        28411908        .       +
       1       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28411952        28412079        .       +
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        2       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28417107        28417245        .       +
        0       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28419873        28419994        .       +
        2       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28420035        28420133        .       +
        0       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28421692        28421999        .       +
        0       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28423787        28423964        .       +
        1       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28429309        28429452        .       +
        0       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28429949        28430204        .       +
        0       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28431396        28431712        .       +
        2       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28433897        28433996        .       +
        0       Parent=Smp_087580.1
SM_V9_3 iris    CDS     28435399        28435400        .       +
        2       Parent=Smp_087580.1
SM_V9_3 Liftoff gene    28437076        28460678        .       -
        .
ID=Smp_243670;geneID=Smp_243670;previous_systematic_id=Smp_169790
SM_V9_3 Liftoff mRNA    28437076        28460678        .       -
        .
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topoisomerase 3-
beta-1;polypeptide_domain=InterPro:IPR003601,IPR003602,IPR006171,IPR
013497,IPR013825,IPR023405,IPR034144
Pfam:PF01131,PF01751;Ontology_term=GO:0003677,GO:0003916,GO:0006265
SM_V9_3 Liftoff exon    28437076        28437661        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28438596        28438701        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28439456        28439655        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28441613        28441793        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28444199        28444482        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28446247        28446582        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28447103        28447288        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28448531        28448750        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28450561        28450679        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28452426        28452554        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28457659        28457829        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28458894        28458998        .       -
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        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28459032        28459109        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff exon    28459142        28460678        .       -
        .       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28437452        28437661        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28438596        28438701        .       -
        1       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28439456        28439655        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28441613        28441793        .       -
        1       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28444199        28444482        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28446247        28446582        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28447103        28447288        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28448531        28448750        .       -
        1       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28450561        28450679        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28452426        28452554        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28457659        28457829        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28458894        28458998        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28459032        28459109        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff CDS     28459142        28459375        .       -
        0       Parent=Smp_243670.1
SM_V9_3 Liftoff gene    28470500        28478148        .       -
        .
ID=Smp_243660;geneID=Smp_243660;previous_systematic_id=Smp_169790
SM_V9_3 Liftoff mRNA    28470500        28478148        .       -
        .
ID=Smp_243660.1;Parent=Smp_243660;geneID=Smp_243660;product=Cilia-
and flagella-associated protein 97
SM_V9_3 Liftoff exon    28470500        28471328        .       -
        .       Parent=Smp_243660.1
SM_V9_3 Liftoff exon    28472589        28473393        .       -
        .       Parent=Smp_243660.1
SM_V9_3 Liftoff exon    28478035        28478148        .       -
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SM_V9_3 Liftoff CDS     28470816        28471328        .       -
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SM_V9_3 Liftoff CDS     28472589        28473393        .       -
        1       Parent=Smp_243660.1
SM_V9_3 Liftoff CDS     28478035        28478123        .       -
        0       Parent=Smp_243660.1
SM_V9_3 Liftoff gene    28491772        28523146        .       +
        .       ID=Smp_087620;geneID=Smp_087620
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SM_V9_3 Liftoff mRNA    28491772        28523146        .       +
        .
ID=Smp_087620.1;Parent=Smp_087620;geneID=Smp_087620;product=Programm
ed cell death 6-interacting
protein;polypeptide_domain=InterPro:IPR004328,IPR025304
Pfam:PF03097,PF13949;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    28491772        28492026        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28497205        28497305        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28497341        28497468        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28500381        28500531        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28500571        28500677        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28500710        28500826        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28505917        28506260        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28508183        28508360        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28509091        28509234        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28513882        28514137        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28516603        28516922        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28517990        28518104        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28518736        28518882        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28519581        28519610        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff exon    28522618        28523146        .       +
        .       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28491830        28492026        .       +
        0       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28497205        28497305        .       +
        1       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28497341        28497468        .       +
        2       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28500381        28500531        .       +
        0       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28500571        28500677        .       +
        2       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28500710        28500826        .       +
        0       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28505917        28506260        .       +
        0       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28508183        28508360        .       +
        1       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28509091        28509234        .       +
        0       Parent=Smp_087620.1
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SM_V9_3 Liftoff CDS     28516603        28516922        .       +
        2       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28517990        28518104        .       +
        0       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28518736        28518882        .       +
        2       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28519581        28519610        .       +
        2       Parent=Smp_087620.1
SM_V9_3 Liftoff CDS     28522618        28522847        .       +
        2       Parent=Smp_087620.1
SM_V9_3 iris    gene    28540837        28574388        .       -
        .
ID=Smp_169800;geneID=Smp_169800;gene_name=Smp_169800;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28540837        28574388        .       -
        .
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ied=2022-07-27;Name=Smp_169800.1;product=Transforming growth factor-
beta receptor-associated protein 1;date_creation=2022-07-26
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SM_V9_3 iris    exon    28542193        28542286        .       -
        .
Parent=Smp_169800.1;Name=6b4e0ace-5a8e-4c3f-912a-1e001f39e3a2
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SM_V9_3 iris    exon    28552036        28552165        .       -
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SM_V9_3 iris    exon    28555234        28555349        .       -
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SM_V9_3 iris    exon    28556806        28557184        .       -
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        .       Parent=Smp_169800.1;Name=abca0637-7c13-4b94-
b7ef-87e5dd7af79c
SM_V9_3 iris    exon    28561590        28561888        .       -
        .
Parent=Smp_169800.1;Name=0b745b04-859c-464b-9008-047503b90ce6
SM_V9_3 iris    exon    28562926        28563219        .       -
        .       Parent=Smp_169800.1;Name=40355802-c163-4c1a-
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SM_V9_3 iris    exon    28564245        28564349        .       -
        .       Parent=Smp_169800.1;Name=a6b4d762-f93a-4eca-b881-
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        .       Parent=Smp_169800.1;Name=61a2b35c-
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        1       Parent=Smp_169800.1
SM_V9_3 iris    CDS     28555234        28555349        .       -
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SM_V9_3 iris    CDS     28560882        28560950        .       -
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SM_V9_3 iris    CDS     28561590        28561888        .       -
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        0       Parent=Smp_169800.1
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SM_V9_3 iris    CDS     28565506        28565806        .       -
        1       Parent=Smp_169800.1
SM_V9_3 iris    CDS     28568058        28568218        .       -
        0       Parent=Smp_169800.1
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        0       Parent=Smp_169800.1
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        0       Parent=Smp_169800.1
SM_V9_3 iris    CDS     28568863        28568947        .       -
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SM_V9_3 iris    CDS     28568988        28569040        .       -
        0       Parent=Smp_169800.1
SM_V9_3 iris    CDS     28569082        28569183        .       -
        0       Parent=Smp_169800.1
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        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28590585        28615629        .       +
        .
ID=Smp_169820.1;Parent=Smp_169820;geneID=Smp_169820;gene_name=Smp_16
9820;owner=irisadmin@local.host;orig_id=Smp_169820.1;date_last_modif
ied=2022-07-27;Name=Smp_169820.1;product=Gamma-tubulin complex
component 6;date_creation=2022-07-26
SM_V9_3 iris    exon    28590585        28590784        .       +
        .       Parent=Smp_169820.1;Name=bb033adc-9226-4849-bbab-
d679100a2f3d
SM_V9_3 iris    exon    28590818        28590963        .       +
        .       Parent=Smp_169820.1;Name=ec8878e9-0845-4ffa-8f0e-
cb6d43e2b9ed
SM_V9_3 iris    exon    28590996        28591084        .       +
        .       Parent=Smp_169820.1;Name=106e8ae0-ad17-4f87-
aea4-4fccb48800a9
SM_V9_3 iris    exon    28591115        28591161        .       +
        .       Parent=Smp_169820.1;Name=99011dbe-63af-4d67-a316-
ad8eb92845bd
SM_V9_3 iris    exon    28591196        28591268        .       +
        .       Parent=Smp_169820.1;Name=cdea1dab-4cfc-4c28-8873-
efd0a689d6b4
SM_V9_3 iris    exon    28591306        28591505        .       +
        .       Parent=Smp_169820.1;Name=e0418b26-1cd0-4ed5-bfb0-
f9388568b891
SM_V9_3 iris    exon    28593557        28593581        .       +
        .       Parent=Smp_169820.1;Name=e0a0b956-f9f5-407e-a12b-
a1c1ee4810e8
SM_V9_3 iris    exon    28593621        28593907        .       +
        .       Parent=Smp_169820.1;Name=1a5fc0c0-b001-47f8-
b88b-3aaf92797d07
SM_V9_3 iris    exon    28594670        28595311        .       +
        .
Parent=Smp_169820.1;Name=7167eeb2-8915-424a-88f8-63b3c09e949b
SM_V9_3 iris    exon    28596647        28596829        .       +
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a7f7-4a13-8ab7-874fb1b5e94d
SM_V9_3 iris    exon    28597736        28597827        .       +
        .       Parent=Smp_169820.1;Name=be0548ab-4163-4896-
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b699-596c43b50b3d
SM_V9_3 iris    exon    28600068        28600246        .       +
        .       Parent=Smp_169820.1;Name=252e0f56-51ec-4303-
b80f-2ee2e4de820b
SM_V9_3 iris    exon    28600366        28600505        .       +
        .
Parent=Smp_169820.1;Name=cb81b7e3-3489-4454-84d7-3363220bd16b
SM_V9_3 iris    exon    28601081        28601172        .       +
        .       Parent=Smp_169820.1;Name=cf11b6a6-8361-4966-ba68-
fff79e377627
SM_V9_3 iris    exon    28602394        28602586        .       +
        .       Parent=Smp_169820.1;Name=f51f18c6-03e1-4331-941d-
e3c8ee86b1b8
SM_V9_3 iris    exon    28604769        28605252        .       +
        .       Parent=Smp_169820.1;Name=68f9b0de-f656-4344-
b12e-5caae2b4b5e3
SM_V9_3 iris    exon    28608084        28608249        .       +
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b362-687103eca408
SM_V9_3 iris    exon    28608974        28609123        .       +
        .
Parent=Smp_169820.1;Name=3eada336-7130-471b-82d6-8d6679628250
SM_V9_3 iris    exon    28609559        28609721        .       +
        .       Parent=Smp_169820.1;Name=5a0677ad-
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SM_V9_3 iris    exon    28610761        28610902        .       +
        .       Parent=Smp_169820.1;Name=53999cc3-7d5d-42a3-a4d0-
bc06b9ccc086
SM_V9_3 iris    exon    28612480        28613387        .       +
        .
Parent=Smp_169820.1;Name=4e02c4ca-4e9e-469d-8a27-9424759b19dc
SM_V9_3 iris    exon    28614927        28615629        .       +
        .       Parent=Smp_169820.1;Name=f6e65755-467c-4056-
aed8-60900286680e
SM_V9_3 iris    CDS     28590624        28590784        .       +
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SM_V9_3 iris    CDS     28590996        28591084        .       +
        2       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28591115        28591161        .       +
        0       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28591196        28591268        .       +
        1       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28591306        28591505        .       +
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SM_V9_3 iris    CDS     28593557        28593581        .       +
        1       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28593621        28593907        .       +
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SM_V9_3 iris    CDS     28594670        28595311        .       +
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SM_V9_3 iris    CDS     28596647        28596829        .       +
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SM_V9_3 iris    CDS     28600366        28600505        .       +
        0       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28601081        28601172        .       +
        1       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28602394        28602586        .       +
        2       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28604769        28605252        .       +
        1       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28608084        28608249        .       +
        0       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28608974        28609123        .       +
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SM_V9_3 iris    CDS     28609559        28609721        .       +
        2       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28610761        28610902        .       +
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SM_V9_3 iris    CDS     28612480        28613387        .       +
        0       Parent=Smp_169820.1
SM_V9_3 iris    CDS     28614927        28615317        .       +
        1       Parent=Smp_169820.1
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ID=Smp_345930;geneID=Smp_345930;previous_systematic_id=Smp_169830
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ID=Smp_345930.1;Parent=Smp_345930;geneID=Smp_345930;product=Membrane
protein insertase YidC
SM_V9_3 Liftoff exon    28616678        28618311        .       -
        .       Parent=Smp_345930.1
SM_V9_3 Liftoff CDS     28617316        28618284        .       -
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        .       ID=Smp_326270;geneID=Smp_326270
SM_V9_3 Liftoff mRNA    28620658        28624031        .       -
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ID=Smp_326270.1;Parent=Smp_326270;geneID=Smp_326270;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    28620658        28624031        .       -
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SM_V9_3 Liftoff CDS     28621277        28622317        .       -
        0       Parent=Smp_326270.1
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SM_V9_3 Liftoff mRNA    28624809        28634581        .       -
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ID=Smp_210720.1;Parent=Smp_210720;geneID=Smp_210720;product=UPF0047
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SM_V9_3 Liftoff exon    28626057        28626177        .       -
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        .       Parent=Smp_210720.1
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        .       Parent=Smp_210720.1
SM_V9_3 Liftoff exon    28630692        28630726        .       -
        .       Parent=Smp_210720.1
SM_V9_3 Liftoff exon    28634409        28634581        .       -
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SM_V9_3 Liftoff CDS     28625432        28625475        .       -
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SM_V9_3 Liftoff CDS     28626057        28626177        .       -
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SM_V9_3 Liftoff CDS     28627100        28627141        .       -
        0       Parent=Smp_210720.1
SM_V9_3 Liftoff CDS     28628121        28628160        .       -
        1       Parent=Smp_210720.1
SM_V9_3 Liftoff CDS     28629483        28629502        .       -
        0       Parent=Smp_210720.1
SM_V9_3 Liftoff CDS     28630692        28630726        .       -
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SM_V9_3 Liftoff CDS     28634409        28634553        .       -
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p_210700,Smp_210710
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        .
ID=Smp_213030.1;Parent=Smp_213030;geneID=Smp_213030;product=Flap
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1;polypeptide_domain=InterPro:IPR006084,IPR006085,IPR006086,IPR02004
5,IPR029060
Pfam:PF00752,PF00867;Ontology_term=GO:0003677,GO:0003824,GO:0004518,
GO:0006281
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        .       Parent=Smp_213030.1
SM_V9_3 Liftoff exon    28642067        28642338        .       -
        .       Parent=Smp_213030.1
SM_V9_3 Liftoff exon    28644566        28644910        .       -
        .       Parent=Smp_213030.1
SM_V9_3 Liftoff exon    28646006        28646092        .       -
        .       Parent=Smp_213030.1
SM_V9_3 Liftoff exon    28647043        28647132        .       -
        .       Parent=Smp_213030.1
SM_V9_3 Liftoff exon    28648261        28648336        .       -
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SM_V9_3 Liftoff exon    28649918        28650034        .       -
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SM_V9_3 Liftoff CDS     28635569        28636031        .       -
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SM_V9_3 Liftoff CDS     28639712        28639773        .       -
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SM_V9_3 Liftoff CDS     28642067        28642338        .       -
        0       Parent=Smp_213030.1
SM_V9_3 Liftoff CDS     28644566        28644910        .       -
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SM_V9_3 Liftoff CDS     28646006        28646092        .       -
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SM_V9_3 Liftoff CDS     28647043        28647132        .       -
        0       Parent=Smp_213030.1
SM_V9_3 Liftoff CDS     28648261        28648336        .       -
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SM_V9_3 Liftoff CDS     28649918        28650034        .       -
        1       Parent=Smp_213030.1
SM_V9_3 Liftoff CDS     28652433        28652581        .       -
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        .       ID=Smp_087690;geneID=Smp_087690
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        .
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1;polypeptide_domain=InterPro:IPR001820,IPR008993
Pfam:PF00965;Ontology_term=GO:0008191
SM_V9_3 Liftoff exon    28719055        28719999        .       +
        .       Parent=Smp_087690.1
SM_V9_3 Liftoff exon    28734333        28734553        .       +
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SM_V9_3 Liftoff exon    28750793        28750895        .       +
        .       Parent=Smp_087690.1
SM_V9_3 Liftoff exon    28767375        28767499        .       +
        .       Parent=Smp_087690.1
SM_V9_3 Liftoff exon    28773725        28774224        .       +
        .       Parent=Smp_087690.1
SM_V9_3 Liftoff CDS     28719423        28719999        .       +
        0       Parent=Smp_087690.1
SM_V9_3 Liftoff CDS     28734333        28734553        .       +
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SM_V9_3 Liftoff CDS     28750793        28750895        .       +
        0       Parent=Smp_087690.1
SM_V9_3 Liftoff CDS     28767375        28767499        .       +
        2       Parent=Smp_087690.1
SM_V9_3 Liftoff CDS     28773725        28773925        .       +
        0       Parent=Smp_087690.1
SM_V9_3 Liftoff gene    28785869        28786811        .       -
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SM_V9_3 Liftoff mRNA    28785869        28786811        .       -
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BRCA1 gene 1 protein
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SM_V9_3 Liftoff CDS     28785923        28786540        .       -
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SM_V9_3 Liftoff gene    28788223        28800141        .       -
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SM_V9_3 Liftoff mRNA    28788223        28800141        .       -
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rich repeat-containing protein
47;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR020825,IPR0326
75 Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    28788223        28788923        .       -
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SM_V9_3 Liftoff exon    28790142        28790393        .       -
        .       Parent=Smp_063230.1
SM_V9_3 Liftoff exon    28792763        28793002        .       -
        .       Parent=Smp_063230.1
SM_V9_3 Liftoff exon    28794892        28795332        .       -
        .       Parent=Smp_063230.1
SM_V9_3 Liftoff exon    28795379        28795807        .       -
        .       Parent=Smp_063230.1
SM_V9_3 Liftoff exon    28800053        28800141        .       -
        .       Parent=Smp_063230.1
SM_V9_3 Liftoff CDS     28788573        28788923        .       -
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SM_V9_3 Liftoff CDS     28790142        28790393        .       -
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SM_V9_3 Liftoff CDS     28792763        28793002        .       -
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SM_V9_3 Liftoff CDS     28794892        28795332        .       -
        0       Parent=Smp_063230.1
SM_V9_3 Liftoff CDS     28795379        28795807        .       -
        0       Parent=Smp_063230.1
SM_V9_3 Liftoff CDS     28800053        28800064        .       -
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SM_V9_3 iris    mRNA    28812822        28819793        .       -
        .
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6270;owner=irisadmin@local.host;orig_id=Smp_156270.1;date_last_modif
ied=2022-09-07;Name=Smp_156270.1;product=Post-GPI attachment to
proteins factor 3;date_creation=2022-09-07
SM_V9_3 iris    exon    28812822        28813156        .       -
        .       Parent=Smp_156270.1;Name=0b7ec3a4-d580-4239-9335-
fb701c7c4c43
SM_V9_3 iris    exon    28815001        28815211        .       -
        .       Parent=Smp_156270.1;Name=e2f6170e-b60b-43e8-
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b8b4-3be1a5a495d9
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SM_V9_3 iris    exon    28816460        28816522        .       -
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        .       Parent=Smp_156270.1;Name=90631227-adc5-4acc-9429-
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SM_V9_3 iris    exon    28816743        28817193        .       -
        .       Parent=Smp_156270.1;Name=99d0fa76-1d00-4965-
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SM_V9_3 iris    exon    28819723        28819793        .       -
        .       Parent=Smp_156270.1;Name=79e26675-
ce11-4255-9649-889b9fad1afb
SM_V9_3 iris    CDS     28813075        28813156        .       -
        1       Parent=Smp_156270.1
SM_V9_3 iris    CDS     28815001        28815211        .       -
        2       Parent=Smp_156270.1
SM_V9_3 iris    CDS     28816227        28816422        .       -
        0       Parent=Smp_156270.1
SM_V9_3 iris    CDS     28816460        28816522        .       -
        0       Parent=Smp_156270.1
SM_V9_3 iris    CDS     28816555        28816707        .       -
        0       Parent=Smp_156270.1
SM_V9_3 iris    CDS     28816743        28817051        .       -
        0       Parent=Smp_156270.1
SM_V9_3 iris    gene    28890562        28906113        .       -
        .
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SM_V9_3 iris    mRNA    28890562        28906113        .       -
        .
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6280;owner=irisadmin@local.host;orig_id=Smp_156280.1;date_last_modif
ied=2022-09-07;Name=Smp_156280.1;product=Hyccin;date_creation=2022-0
9-07
SM_V9_3 iris    exon    28890562        28891504        .       -
        .       Parent=Smp_156280.1;Name=db7b23d8-42bd-4142-853d-
c5c704c50bd0
SM_V9_3 iris    exon    28893821        28894117        .       -
        .       Parent=Smp_156280.1;Name=fa95767f-464a-4a22-
b244-9d2e78ab24ae
SM_V9_3 iris    exon    28895075        28895314        .       -
        .       Parent=Smp_156280.1;Name=3738f859-3ec6-497d-
a6c3-729042908210
SM_V9_3 iris    exon    28901324        28901976        .       -
        .       Parent=Smp_156280.1;Name=7d78fee0-
e384-4ea0-8db8-642f73765515
SM_V9_3 iris    exon    28905562        28906113        .       -
        .       Parent=Smp_156280.1;Name=3dc1b46e-cba8-44a5-
ac58-93ab5fc75c07
SM_V9_3 iris    CDS     28890920        28891504        .       -
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SM_V9_3 iris    CDS     28895075        28895314        .       -
        0       Parent=Smp_156280.1
SM_V9_3 iris    CDS     28901324        28901976        .       -
        2       Parent=Smp_156280.1
SM_V9_3 iris    CDS     28905562        28905961        .       -
        0       Parent=Smp_156280.1
SM_V9_3 iris    gene    28914005        28917144        .       +
        .
ID=Smp_063250;geneID=Smp_063250;gene_name=Smp_063250;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28914005        28917144        .       +
        .
ID=Smp_063250.1;Parent=Smp_063250;geneID=Smp_063250;gene_name=Smp_06
3250;owner=irisadmin@local.host;orig_id=Smp_063250.1;date_last_modif
ied=2022-07-27;Name=Smp_063250.1;product=Ubiquinol-cytochrome-c
reductase complex assembly factor 1;date_creation=2022-07-26
SM_V9_3 iris    exon    28914005        28914048        .       +
        .       Parent=Smp_063250.1;Name=642428e4-2716-4b48-
ab95-6b995d21a0b7
SM_V9_3 iris    exon    28916136        28916699        .       +
        .
Parent=Smp_063250.1;Name=38552b6c-1c1b-4552-9911-40268d447e9f
SM_V9_3 iris    exon    28916736        28917144        .       +
        .       Parent=Smp_063250.1;Name=4aab0bf7-ef33-4c6e-
aebe-76485a8ecb48
SM_V9_3 iris    CDS     28916340        28916699        .       +
        0       Parent=Smp_063250.1
SM_V9_3 iris    CDS     28916736        28917119        .       +
        0       Parent=Smp_063250.1
SM_V9_3 iris    gene    28921286        28939283        .       -
        .
ID=Smp_063260;geneID=Smp_063260;gene_name=Smp_063260;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    28921286        28939283        .       -
        .
ID=Smp_063260.1;Parent=Smp_063260;geneID=Smp_063260;gene_name=Smp_06
3260;owner=irisadmin@local.host;orig_id=Smp_063260.2;date_last_modif
ied=2022-09-07;Name=Smp_063260.1;product=WD repeat and FYVE domain-
containing protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    28921286        28921658        .       -
        .
Parent=Smp_063260.1;Name=8971ba08-87cd-469f-899d-34c0a79b9d80
SM_V9_3 iris    exon    28922954        28923062        .       -
        .       Parent=Smp_063260.1;Name=a2af002b-8e01-47f7-874b-
b71fb26d8f63
SM_V9_3 iris    exon    28930554        28930684        .       -
        .       Parent=Smp_063260.1;Name=0c1237a7-fdfc-4fcd-9e42-
e0744d58e81c
SM_V9_3 iris    exon    28932498        28932749        .       -
        .       Parent=Smp_063260.1;Name=816af779-fd24-4582-8600-
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SM_V9_3 iris    exon    28938543        28938822        .       -
        .       Parent=Smp_063260.1;Name=1d101eef-5e16-4512-bb90-
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SM_V9_3 iris    exon    28938857        28938924        .       -
        .       Parent=Smp_063260.1;Name=dd80fe5e-1cca-4ac7-8541-
e96e57648c43
SM_V9_3 iris    exon    28938958        28939283        .       -
        .       Parent=Smp_063260.1;Name=78d19dc3-6789-450e-8a05-
e7dc9c9eae52
SM_V9_3 iris    CDS     28921617        28921658        .       -
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SM_V9_3 iris    CDS     28922954        28923062        .       -
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SM_V9_3 iris    CDS     28930554        28930684        .       -
        0       Parent=Smp_063260.1
SM_V9_3 iris    CDS     28932498        28932749        .       -
        0       Parent=Smp_063260.1
SM_V9_3 iris    CDS     28936576        28936819        .       -
        1       Parent=Smp_063260.1
SM_V9_3 iris    CDS     28938543        28938822        .       -
        2       Parent=Smp_063260.1
SM_V9_3 iris    CDS     28938857        28938924        .       -
        1       Parent=Smp_063260.1
SM_V9_3 iris    CDS     28938958        28939097        .       -
        0       Parent=Smp_063260.1
SM_V9_3 Liftoff gene    28958063        28998840        .       +
        .       ID=Smp_156290;geneID=Smp_156290
SM_V9_3 Liftoff mRNA    28958063        28998840        .       +
        .
ID=Smp_156290.1;Parent=Smp_156290;geneID=Smp_156290;product=Lysine-
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5D;polypeptide_domain=InterPro:IPR001606,IPR001965,IPR003347,IPR0033
49,IPR004198,IPR011011,IPR013083,IPR019786,IPR019787
Pfam:PF00628,PF01388,PF02373,PF02375,PF02928;Ontology_term=GO:000367
7
SM_V9_3 Liftoff exon    28958063        28958269        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28958311        28958448        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28958486        28958713        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28958749        28958811        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28958846        28959136        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28959172        28959420        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28960954        28961042        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28963792        28964074        .       +
        .       Parent=Smp_156290.1
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SM_V9_3 Liftoff exon    28964838        28965147        .       +
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SM_V9_3 Liftoff exon    28966135        28966593        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28967279        28967358        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28971505        28972206        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28974464        28974865        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28976025        28976350        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28979011        28979458        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28981393        28981668        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28982646        28982897        .       +
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SM_V9_3 Liftoff exon    28984384        28984650        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28985844        28986251        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28987668        28988091        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28989822        28990441        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28990558        28990823        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28991353        28991482        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28993475        28993825        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28994955        28995489        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff exon    28997048        28998840        .       +
        .       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28958129        28958269        .       +
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SM_V9_3 Liftoff CDS     28958311        28958448        .       +
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SM_V9_3 Liftoff CDS     28958486        28958713        .       +
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SM_V9_3 Liftoff CDS     28959172        28959420        .       +
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SM_V9_3 Liftoff CDS     28960954        28961042        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28963792        28964074        .       +
        1       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28964838        28965147        .       +
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SM_V9_3 Liftoff CDS     28966135        28966593        .       +
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SM_V9_3 Liftoff CDS     28967279        28967358        .       +
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SM_V9_3 Liftoff CDS     28971505        28972206        .       +
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SM_V9_3 Liftoff CDS     28974464        28974865        .       +
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        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28979011        28979458        .       +
        1       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28981393        28981668        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28982646        28982897        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28984384        28984650        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28985844        28986251        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28987668        28988091        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28989822        28990441        .       +
        2       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28990558        28990823        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28991353        28991482        .       +
        1       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28993475        28993825        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28994955        28995489        .       +
        0       Parent=Smp_156290.1
SM_V9_3 Liftoff CDS     28997048        28997148        .       +
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SM_V9_3 iris    gene    28999754        29039935        .       -
        .
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SM_V9_3 iris    mRNA    28999754        29039935        .       -
        .
ID=Smp_156300.1;Parent=Smp_156300;geneID=Smp_156300;gene_name=Smp_15
6300;owner=irisadmin@local.host;orig_id=Smp_156300.1;date_last_modif
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protein 90;date_creation=2022-07-26
SM_V9_3 iris    exon    28999754        29000321        .       -
        .       Parent=Smp_156300.1;Name=32e70930-d4ae-4fb7-9235-
a5ee45ef0bfa
SM_V9_3 iris    exon    29002406        29002647        .       -
        .       Parent=Smp_156300.1;Name=9ce1fc72-d0ad-4402-be66-
dc670ce64fda
SM_V9_3 iris    exon    29006028        29006398        .       -
        .       Parent=Smp_156300.1;Name=26f18a3b-b803-423f-
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SM_V9_3 iris    exon    29009398        29009601        .       -
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SM_V9_3 iris    exon    29011152        29011437        .       -
        .       Parent=Smp_156300.1;Name=adbabf14-b8b3-481c-
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SM_V9_3 iris    exon    29013086        29013372        .       -
        .       Parent=Smp_156300.1;Name=17962d62-00b1-43ef-a692-
ec0b55992394
SM_V9_3 iris    exon    29014498        29016570        .       -
        .       Parent=Smp_156300.1;Name=119afc16-e32e-417a-a5b2-
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SM_V9_3 iris    exon    29017859        29018205        .       -
        .       Parent=Smp_156300.1;Name=d6391226-5c32-4fc6-a89c-
b45144649829
SM_V9_3 iris    exon    29021004        29021335        .       -
        .       Parent=Smp_156300.1;Name=0a069f91-
ed59-406b-96d0-442581289fe5
SM_V9_3 iris    exon    29023020        29023657        .       -
        .
Parent=Smp_156300.1;Name=e5451135-461a-45e6-9cc2-119e2f6f177c
SM_V9_3 iris    exon    29028745        29029227        .       -
        .
Parent=Smp_156300.1;Name=9c3ac360-65f7-46bb-93f8-0315a9b42412
SM_V9_3 iris    exon    29030265        29030554        .       -
        .       Parent=Smp_156300.1;Name=34afb71a-3a68-4be2-925d-
bae62fe9d288
SM_V9_3 iris    exon    29030799        29031057        .       -
        .       Parent=Smp_156300.1;Name=045c9e12-d021-4c89-bc64-
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SM_V9_3 iris    exon    29035463        29035608        .       -
        .       Parent=Smp_156300.1;Name=9fe01887-feb3-4c0b-9180-
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SM_V9_3 iris    exon    29039060        29039636        .       -
        .       Parent=Smp_156300.1;Name=15ffe7ab-fbb6-43d5-9191-
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SM_V9_3 iris    exon    29039676        29039935        .       -
        .       Parent=Smp_156300.1;Name=eff7bbde-7dab-4029-8f1a-
dea04716ecde
SM_V9_3 iris    CDS     28999801        29000321        .       -
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SM_V9_3 iris    CDS     29002406        29002647        .       -
        1       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29006028        29006398        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29009398        29009601        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29011152        29011437        .       -
        1       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29013086        29013372        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29014498        29016570        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29017859        29018205        .       -
        2       Parent=Smp_156300.1
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SM_V9_3 iris    CDS     29021004        29021335        .       -
        1       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29023020        29023657        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29028745        29029227        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29030265        29030554        .       -
        2       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29030799        29031057        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29035463        29035608        .       -
        2       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29039060        29039636        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    CDS     29039676        29039774        .       -
        0       Parent=Smp_156300.1
SM_V9_3 iris    gene    29063819        29064236        .       -
        .
ID=Smp_063300;geneID=Smp_063300;gene_name=Smp_063300;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    29063819        29064236        .       -
        .
ID=Smp_063300.1;Parent=Smp_063300;geneID=Smp_063300;gene_name=Smp_06
3300;owner=irisadmin@local.host;orig_id=Smp_063300.1;date_last_modif
ied=2022-07-27;Name=Smp_063300.1;product=60S ribosomal protein
L36;date_creation=2022-07-26
SM_V9_3 iris    exon    29063819        29064057        .       -
        .       Parent=Smp_063300.1;Name=09a28a43-eb85-4a8e-9061-
f7c50e4fd495
SM_V9_3 iris    exon    29064092        29064236        .       -
        .       Parent=Smp_063300.1;Name=087d7847-1157-40ee-
a77c-427ac2658f29
SM_V9_3 iris    CDS     29063848        29064057        .       -
        0       Parent=Smp_063300.1
SM_V9_3 iris    CDS     29064092        29064190        .       -
        0       Parent=Smp_063300.1
SM_V9_3 Liftoff gene    29082071        29085605        .       +
        .       ID=Smp_156310;geneID=Smp_156310
SM_V9_3 Liftoff mRNA    29082071        29085605        .       +
        .
ID=Smp_156310.1;Parent=Smp_156310;geneID=Smp_156310;product=LIM
domain kinase 1
SM_V9_3 Liftoff exon    29082071        29082483        .       +
        .       Parent=Smp_156310.1
SM_V9_3 Liftoff exon    29085524        29085605        .       +
        .       Parent=Smp_156310.1
SM_V9_3 Liftoff CDS     29082071        29082483        .       +
        0       Parent=Smp_156310.1
SM_V9_3 Liftoff CDS     29085524        29085605        .       +
        1       Parent=Smp_156310.1
SM_V9_3 Liftoff gene    29087535        29109994        .       -
        .
ID=Smp_333570;geneID=Smp_333570;previous_systematic_id=Smp_156320,Sm
p_241700,Smp_241710
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SM_V9_3 Liftoff mRNA    29087535        29109994        .       -
        .
ID=Smp_333570.1;Parent=Smp_333570;geneID=Smp_333570;product=Sodium-
dependent dopamine
transporter;literature=PMID:21251927;polypeptide_domain=InterPro:IPR
000175 Pfam:PF00209;Ontology_term=GO:0005328,GO:0006836,GO:0016021
SM_V9_3 Liftoff exon    29087535        29087918        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29090794        29090961        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29093110        29093373        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29094869        29094997        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29096090        29096202        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29098555        29098679        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29100528        29100766        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29102954        29103092        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29104358        29104619        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29104977        29105111        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff exon    29109233        29109994        .       -
        .       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29087721        29087918        .       -
        0       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29090794        29090961        .       -
        0       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29093110        29093373        .       -
        0       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29094869        29094997        .       -
        0       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29096090        29096202        .       -
        2       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29098555        29098679        .       -
        1       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29100528        29100766        .       -
        0       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29102954        29103092        .       -
        1       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29104358        29104619        .       -
        2       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29104977        29105111        .       -
        2       Parent=Smp_333570.1
SM_V9_3 Liftoff CDS     29109233        29109755        .       -
        0       Parent=Smp_333570.1
SM_V9_3 Liftoff gene    29120678        29121606        .       +
        .       ID=Smp_063330;geneID=Smp_063330
SM_V9_3 Liftoff mRNA    29120678        29121606        .       +
        .
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ID=Smp_063330.1;Parent=Smp_063330;geneID=Smp_063330;product=Villidin
SM_V9_3 Liftoff exon    29120678        29121606        .       +
        .       Parent=Smp_063330.1
SM_V9_3 Liftoff CDS     29120831        29121379        .       +
        0       Parent=Smp_063330.1
SM_V9_3 Liftoff gene    29131198        29139004        .       -
        .
ID=Smp_340980;geneID=Smp_340980;previous_systematic_id=Smp_063340
SM_V9_3 Liftoff mRNA    29131198        29139004        .       -
        .
ID=Smp_340980.1;Parent=Smp_340980;geneID=Smp_340980;product=Phosphos
erine phosphatase;polypeptide_domain=InterPro:IPR023190,IPR023214
Pfam:PF00702;Ontology_term=GO:0004647,GO:0006564
SM_V9_3 Liftoff exon    29131198        29131653        .       -
        .       Parent=Smp_340980.1
SM_V9_3 Liftoff exon    29134693        29134838        .       -
        .       Parent=Smp_340980.1
SM_V9_3 Liftoff exon    29137404        29137538        .       -
        .       Parent=Smp_340980.1
SM_V9_3 Liftoff exon    29137579        29139004        .       -
        .       Parent=Smp_340980.1
SM_V9_3 Liftoff CDS     29131385        29131653        .       -
        2       Parent=Smp_340980.1
SM_V9_3 Liftoff CDS     29134693        29134838        .       -
        1       Parent=Smp_340980.1
SM_V9_3 Liftoff CDS     29137404        29137538        .       -
        1       Parent=Smp_340980.1
SM_V9_3 Liftoff CDS     29137579        29137700        .       -
        0       Parent=Smp_340980.1
SM_V9_3 Liftoff gene    29156017        29156584        .       -
        .       ID=Smp_063350;geneID=Smp_063350
SM_V9_3 Liftoff mRNA    29156017        29156584        .       -
        .
ID=Smp_063350.1;Parent=Smp_063350;geneID=Smp_063350;product=60S
ribosomal protein
L27;polypeptide_domain=InterPro:IPR001141,IPR008991,IPR014722
Pfam:PF01777;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_3 Liftoff exon    29156017        29156112        .       -
        .       Parent=Smp_063350.1
SM_V9_3 Liftoff exon    29156147        29156512        .       -
        .       Parent=Smp_063350.1
SM_V9_3 Liftoff exon    29156547        29156584        .       -
        .       Parent=Smp_063350.1
SM_V9_3 Liftoff CDS     29156064        29156112        .       -
        1       Parent=Smp_063350.1
SM_V9_3 Liftoff CDS     29156147        29156512        .       -
        1       Parent=Smp_063350.1
SM_V9_3 Liftoff CDS     29156547        29156563        .       -
        0       Parent=Smp_063350.1
SM_V9_3 iris    gene    29173958        29175704        .       +
        .
ID=Smp_308755;geneID=Smp_308755;gene_name=Smp_308755;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
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SM_V9_3 iris    mRNA    29173958        29175704        .       +
       .
ID=Smp_308755.1;Parent=Smp_308755;geneID=Smp_308755;gene_name=Smp_30
8755;owner=irisadmin@local.host;orig_id=Smp_308750.2;date_last_modif
ied=2022-07-27;Name=Smp_308755.1;date_creation=2022-07-27
SM_V9_3 iris    exon    29173958        29173991        .       +
       .       Parent=Smp_308755.1;Name=Smp_308755.1-CDS
SM_V9_3 iris    exon    29174274        29174341        .       +
       .       Parent=Smp_308755.1;Name=9ef533e3-47c5-4d78-
a419-525b66a34da7
SM_V9_3 iris    exon    29175440        29175704        .       +
       .       Parent=Smp_308755.1;Name=94391e81-b077-4c48-
bdfe-4641711ab318
SM_V9_3 iris    CDS     29173986        29173991        .       +
       0       Parent=Smp_308755.1
SM_V9_3 iris    CDS     29174274        29174341        .       +
       0       Parent=Smp_308755.1
SM_V9_3 iris    CDS     29175440        29175458        .       +
       1       Parent=Smp_308755.1
SM_V9_3 iris    gene    29185878        29187642        .       +
       .
ID=Smp_308750;geneID=Smp_308750;gene_name=Smp_308750;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    29185878        29187642        .       +
       .
ID=Smp_308750.1;Parent=Smp_308750;geneID=Smp_308750;gene_name=Smp_30
8750;owner=irisadmin@local.host;orig_id=Smp_308750.1;date_last_modif
ied=2022-07-27;Name=Smp_308750.1;product=1-deoxy-D-xylulose-5-
phosphate synthase;date_creation=2022-07-27
SM_V9_3 iris    exon    29185878        29185908        .       +
       .       Parent=Smp_308750.1;Name=93847162-94a4-4191-
a939-3fe4494184bb
SM_V9_3 iris    exon    29186191        29186254        .       +
       .       Parent=Smp_308750.1;Name=738a61fc-
ee2e-44c6-8ac4-6c7c62b3fe2a
SM_V9_3 iris    exon    29187348        29187642        .       +
       .       Parent=Smp_308750.1;Name=86c7784b-dfea-4ca6-9844-
ac4940cb4e6c
SM_V9_3 iris    CDS     29185903        29185908        .       +
       0       Parent=Smp_308750.1
SM_V9_3 iris    CDS     29186191        29186254        .       +
       0       Parent=Smp_308750.1
SM_V9_3 iris    CDS     29187348        29187496        .       +
       2       Parent=Smp_308750.1
SM_V9_3 iris    gene    29193408        29195270        .       +
       .
ID=Smp_308760;geneID=Smp_308760;gene_name=Smp_308760;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    29193408        29195270        .       +
       .
ID=Smp_308760.1;Parent=Smp_308760;geneID=Smp_308760;gene_name=Smp_30
8760;owner=irisadmin@local.host;orig_id=Smp_308760.1;date_last_modif
ied=2022-07-27;Name=Smp_308760.1;product=Pentatricopeptide repeat-
containing protein At4g19220, mitochondrial;date_creation=2022-07-27
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SM_V9_3 iris    exon    29193408        29193436        .       +
        .       Parent=Smp_308760.1;Name=a934d239-2348-4cae-b9ef-
e6821be0eca5
SM_V9_3 iris    exon    29193719        29193782        .       +
        .       Parent=Smp_308760.1;Name=cedb027f-c5ba-4892-9e01-
ca98e8a0f0e4
SM_V9_3 iris    exon    29195011        29195270        .       +
        .       Parent=Smp_308760.1;Name=d0aafa1d-c26e-47ca-9e26-
aeefe51b563d
SM_V9_3 iris    CDS     29193431        29193436        .       +
        0       Parent=Smp_308760.1
SM_V9_3 iris    CDS     29193719        29193782        .       +
        0       Parent=Smp_308760.1
SM_V9_3 iris    CDS     29195011        29195150        .       +
        2       Parent=Smp_308760.1
SM_V9_3 Liftoff gene    29198942        29201374        .       -
        .       ID=Smp_326300;geneID=Smp_326300
SM_V9_3 Liftoff mRNA    29198942        29201374        .       -
        .
ID=Smp_326300.1;Parent=Smp_326300;geneID=Smp_326300;product=Phosphat
idylinositol 3-kinase regulatory subunit beta
SM_V9_3 Liftoff exon    29198942        29199332        .       -
        .       Parent=Smp_326300.1
SM_V9_3 Liftoff exon    29200762        29200825        .       -
        .       Parent=Smp_326300.1
SM_V9_3 Liftoff exon    29201341        29201374        .       -
        .       Parent=Smp_326300.1
SM_V9_3 Liftoff CDS     29199193        29199332        .       -
        2       Parent=Smp_326300.1
SM_V9_3 Liftoff CDS     29200762        29200825        .       -
        0       Parent=Smp_326300.1
SM_V9_3 Liftoff CDS     29201341        29201346        .       -
        0       Parent=Smp_326300.1
SM_V9_3 Liftoff gene    29210516        29213331        .       +
        .       ID=Smp_063380;geneID=Smp_063380
SM_V9_3 Liftoff mRNA    29210516        29213331        .       +
        .
ID=Smp_063380.1;Parent=Smp_063380;geneID=Smp_063380;product=Phosphos
erine phosphatase;polypeptide_domain=InterPro:IPR023214
SM_V9_3 Liftoff exon    29210516        29210869        .       +
        .       Parent=Smp_063380.1
SM_V9_3 Liftoff exon    29212909        29213331        .       +
        .       Parent=Smp_063380.1
SM_V9_3 Liftoff CDS     29210830        29210869        .       +
        0       Parent=Smp_063380.1
SM_V9_3 Liftoff CDS     29212909        29213177        .       +
        2       Parent=Smp_063380.1
SM_V9_3 iris    gene    29215658        29225219        .       +
        .
ID=Smp_063390;geneID=Smp_063390;gene_name=Smp_063390;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    29215658        29225219        .       +
        .
ID=Smp_063390.1;Parent=Smp_063390;geneID=Smp_063390;gene_name=Smp_06
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3390;owner=irisadmin@local.host;orig_id=Smp_063390.1;date_last_modif
ied=2022-07-27;Name=Smp_063390.1;product=L-aminoadipate-semialdehyde
dehydrogenase-phosphopantetheinyl
transferase;date_creation=2022-07-26
SM_V9_3 iris    exon    29215658        29215693        .       +
        .       Parent=Smp_063390.1;Name=93e5961e-f5f1-4370-
bdba-139e68901660
SM_V9_3 iris    exon    29221360        29221641        .       +
        .       Parent=Smp_063390.1;Name=b56e61cf-fb98-4738-b6e3-
a25536d37b79
SM_V9_3 iris    exon    29221678        29221891        .       +
        .       Parent=Smp_063390.1;Name=475449e8-d525-41bf-
a40e-487f00f0084b
SM_V9_3 iris    exon    29222461        29222585        .       +
        .       Parent=Smp_063390.1;Name=5e8cf67a-6b22-459b-bddf-
c36a4abee6bb
SM_V9_3 iris    exon    29223699        29223905        .       +
        .       Parent=Smp_063390.1;Name=995805f1-8780-4db2-
b29b-311a90607a81
SM_V9_3 iris    exon    29224850        29225219        .       +
        .       Parent=Smp_063390.1;Name=aea35dab-3366-4fa2-
aa8c-9bdfe22aae11
SM_V9_3 iris    CDS     29221474        29221641        .       +
        0       Parent=Smp_063390.1
SM_V9_3 iris    CDS     29221678        29221891        .       +
        0       Parent=Smp_063390.1
SM_V9_3 iris    CDS     29222461        29222585        .       +
        2       Parent=Smp_063390.1
SM_V9_3 iris    CDS     29223699        29223905        .       +
        0       Parent=Smp_063390.1
SM_V9_3 iris    CDS     29224850        29225005        .       +
        0       Parent=Smp_063390.1
SM_V9_3 iris    gene    29224163        29235144        .       -
        .
ID=Smp_156340;geneID=Smp_156340;gene_name=Smp_156340;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    29224163        29235144        .       -
        .
ID=Smp_156340.1;Parent=Smp_156340;geneID=Smp_156340;gene_name=Smp_15
6340;owner=irisadmin@local.host;orig_id=Smp_156340.2;date_last_modif
ied=2022-07-27;Name=Smp_156340.1;product=Olfactory receptor
2B6;date_creation=2022-07-26
SM_V9_3 iris    exon    29224163        29225708        .       -
        .       Parent=Smp_156340.1;Name=b28413b8-
bffc-4880-818a-5c7b33200750
SM_V9_3 iris    exon    29227311        29228170        .       -
        .       Parent=Smp_156340.1;Name=9756cfa7-f3fa-4459-a397-
a678cfedaf90
SM_V9_3 iris    exon    29230899        29231127        .       -
        .       Parent=Smp_156340.1;Name=e33a582c-92d7-4690-
a30b-19f8d989ec8b
SM_V9_3 iris    exon    29231164        29231309        .       -
        .       Parent=Smp_156340.1;Name=324cd1a6-5654-407d-9e85-
ad0bc8e9fe61
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SM_V9_3 iris    exon    29235075        29235144        .       -
        .       Parent=Smp_156340.1;Name=9716cbdc-3c4e-4739-99b6-
c4241b1e8285
SM_V9_3 iris    CDS     29225163        29225708        .       -
        0       Parent=Smp_156340.1
SM_V9_3 iris    CDS     29227311        29228170        .       -
        2       Parent=Smp_156340.1
SM_V9_3 iris    CDS     29230899        29231127        .       -
        0       Parent=Smp_156340.1
SM_V9_3 iris    CDS     29231164        29231304        .       -
        0       Parent=Smp_156340.1
SM_V9_3 Liftoff gene    29243388        29270984        .       +
        .       ID=Smp_156350;geneID=Smp_156350
SM_V9_3 Liftoff mRNA    29243388        29270984        .       +
        .
ID=Smp_156350.1;Parent=Smp_156350;geneID=Smp_156350;product=Activati
ng molecule in BECN1-regulated autophagy protein
1;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;Ontology
_term=GO:0005515
SM_V9_3 Liftoff exon    29243388        29243765        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29247121        29247323        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29247928        29248184        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29253103        29253764        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29254728        29255183        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29257025        29257478        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29263487        29263953        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29264372        29264954        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff exon    29269282        29270984        .       +
        .       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29243445        29243765        .       +
        0       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29247121        29247323        .       +
        0       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29247928        29248184        .       +
        1       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29253103        29253764        .       +
        2       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29254728        29255183        .       +
        0       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29257025        29257478        .       +
        0       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29263487        29263953        .       +
        2       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29264372        29264954        .       +
        0       Parent=Smp_156350.1
SM_V9_3 Liftoff CDS     29269282        29269721        .       +
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        2       Parent=Smp_156350.1
SM_V9_3 Liftoff gene    29294819        29299803        .       +
        .       ID=Smp_063420;geneID=Smp_063420
SM_V9_3 Liftoff mRNA    29294819        29299803        .       +
        .
ID=Smp_063420.1;Parent=Smp_063420;geneID=Smp_063420;product=T-
complex protein 1 subunit
epsilon;polypeptide_domain=InterPro:IPR002194,IPR002423,IPR012718,IP
R017998,IPR027409,IPR027413
Pfam:PF00118;Ontology_term=GO:0005524,GO:0006457,GO:0051082
SM_V9_3 Liftoff exon    29294819        29295058        .       +
        .       Parent=Smp_063420.1
SM_V9_3 Liftoff exon    29295095        29295519        .       +
        .       Parent=Smp_063420.1
SM_V9_3 Liftoff exon    29295556        29295897        .       +
        .       Parent=Smp_063420.1
SM_V9_3 Liftoff exon    29297966        29298329        .       +
        .       Parent=Smp_063420.1
SM_V9_3 Liftoff exon    29299326        29299803        .       +
        .       Parent=Smp_063420.1
SM_V9_3 Liftoff CDS     29294939        29295058        .       +
        0       Parent=Smp_063420.1
SM_V9_3 Liftoff CDS     29295095        29295519        .       +
        0       Parent=Smp_063420.1
SM_V9_3 Liftoff CDS     29295556        29295897        .       +
        1       Parent=Smp_063420.1
SM_V9_3 Liftoff CDS     29297966        29298329        .       +
        1       Parent=Smp_063420.1
SM_V9_3 Liftoff CDS     29299326        29299712        .       +
        0       Parent=Smp_063420.1
SM_V9_3 iris    gene    29334717        29346234        .       -
        .
ID=Smp_241400;geneID=Smp_241400;gene_name=Smp_241400;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    29334717        29346234        .       -
        .
ID=Smp_241400.1;Parent=Smp_241400;geneID=Smp_241400;gene_name=Smp_24
1400;owner=irisadmin@local.host;orig_id=Smp_241400.1;date_last_modif
ied=2022-09-07;Name=Smp_241400.1;product=Pyruvate kinase
PKM;date_creation=2022-09-07
SM_V9_3 iris    exon    29334717        29335186        .       -
        .       Parent=Smp_241400.1;Name=e31c9455-
ab58-47fa-9af7-45e8bf25855b
SM_V9_3 iris    exon    29336021        29336139        .       -
        .       Parent=Smp_241400.1;Name=51a93e5b-
e917-4219-88dc-192a61a0ab10
SM_V9_3 iris    exon    29340597        29340775        .       -
        .       Parent=Smp_241400.1;Name=0b455ec4-1eb3-4f75-8797-
f6211bfc1185
SM_V9_3 iris    exon    29342602        29342905        .       -
        .
Parent=Smp_241400.1;Name=83e69f8e-4287-47ce-8311-1c634d3e2e6c
SM_V9_3 iris    exon    29345137        29345255        .       -
        .       Parent=Smp_241400.1;Name=45a19756-53cc-4054-
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a124-70d9a4745bc7
SM_V9_3 iris    exon    29345289        29345395        .       -
        .       Parent=Smp_241400.1;Name=f2e07129-f20d-434a-996b-
ba32b0896865
SM_V9_3 iris    exon    29345428        29345659        .       -
        .
Parent=Smp_241400.1;Name=5acc38ed-8413-451f-963f-70c651ca075b
SM_V9_3 iris    exon    29345696        29345907        .       -
        .       Parent=Smp_241400.1;Name=e03e817a-dffe-4a62-843f-
f425f5d8d726
SM_V9_3 iris    exon    29345942        29346234        .       -
        .       Parent=Smp_241400.1;Name=2f4d6361-289a-4bb8-bc74-
c851e007713b
SM_V9_3 iris    CDS     29334960        29335186        .       -
        2       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29336021        29336139        .       -
        1       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29340597        29340775        .       -
        0       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29342602        29342905        .       -
        1       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29345137        29345255        .       -
        0       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29345289        29345395        .       -
        2       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29345428        29345659        .       -
        0       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29345696        29345907        .       -
        2       Parent=Smp_241400.1
SM_V9_3 iris    CDS     29345942        29346095        .       -
        0       Parent=Smp_241400.1
SM_V9_3 Liftoff gene    29377597        29405935        .       -
        .
ID=Smp_214390;geneID=Smp_214390;previous_systematic_id=Smp_156360
SM_V9_3 Liftoff mRNA    29377597        29405935        .       -
        .
ID=Smp_214390.1;Parent=Smp_214390;geneID=Smp_214390;product=Labial-
like protein;evidence=Traceable Author
Statement;literature=PMID:16120809;polypeptide_domain=InterPro:IPR00
1356,IPR009057,IPR017970,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    29377597        29378694        .       -
        .       Parent=Smp_214390.1
SM_V9_3 Liftoff exon    29399347        29405935        .       -
        .       Parent=Smp_214390.1
SM_V9_3 Liftoff CDS     29377736        29378694        .       -
        2       Parent=Smp_214390.1
SM_V9_3 Liftoff CDS     29399347        29401174        .       -
        0       Parent=Smp_214390.1
SM_V9_3 Liftoff mRNA    29377597        29405935        .       -
        .
ID=Smp_214390.2;Parent=Smp_214390;geneID=Smp_214390;product=Homeobox
protein Hox-
B1;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR0204
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79 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    29377597        29378694        .       -
        .       Parent=Smp_214390.2
SM_V9_3 Liftoff exon    29399347        29400397        .       -
        .       Parent=Smp_214390.2
SM_V9_3 Liftoff exon    29405506        29405935        .       -
        .       Parent=Smp_214390.2
SM_V9_3 Liftoff CDS     29377736        29378694        .       -
        2       Parent=Smp_214390.2
SM_V9_3 Liftoff CDS     29399347        29400397        .       -
        0       Parent=Smp_214390.2
SM_V9_3 Liftoff CDS     29405506        29405535        .       -
        0       Parent=Smp_214390.2
SM_V9_3 Liftoff gene    29424889        29436808        .       +
        .       ID=Smp_156370;geneID=Smp_156370
SM_V9_3 Liftoff mRNA    29424889        29436808        .       +
        .
ID=Smp_156370.1;Parent=Smp_156370;geneID=Smp_156370;product=Cilia-
and flagella-associated protein 58
SM_V9_3 Liftoff exon    29424889        29424975        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff exon    29425009        29425086        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff exon    29425130        29425491        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff exon    29428717        29428891        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff exon    29429865        29430179        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff exon    29431520        29432740        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff exon    29434626        29434850        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff exon    29436254        29436808        .       +
        .       Parent=Smp_156370.1
SM_V9_3 Liftoff CDS     29424949        29424975        .       +
        0       Parent=Smp_156370.1
SM_V9_3 Liftoff CDS     29425009        29425086        .       +
        0       Parent=Smp_156370.1
SM_V9_3 Liftoff CDS     29425130        29425491        .       +
        0       Parent=Smp_156370.1
SM_V9_3 Liftoff CDS     29428717        29428891        .       +
        1       Parent=Smp_156370.1
SM_V9_3 Liftoff CDS     29429865        29430179        .       +
        0       Parent=Smp_156370.1
SM_V9_3 Liftoff CDS     29431520        29432740        .       +
        0       Parent=Smp_156370.1
SM_V9_3 Liftoff CDS     29434626        29434850        .       +
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SM_V9_3 Liftoff CDS     29436254        29436520        .       +
        0       Parent=Smp_156370.1
SM_V9_3 Liftoff gene    29484209        29562817        .       +
        .
ID=Smp_156390;geneID=Smp_156390;previous_systematic_id=Smp_156380
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SM_V9_3 Liftoff mRNA    29484209        29562817        .       +
        .
ID=Smp_156390.1;Parent=Smp_156390;geneID=Smp_156390;product=Abnormal
cell migration protein
10;polypeptide_domain=InterPro:IPR000159,IPR011993,IPR029071;Ontolog
y_term=GO:0007165
SM_V9_3 Liftoff exon    29484209        29484390        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29523653        29524226        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29534390        29534592        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29536234        29536776        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29540851        29541010        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29545432        29545553        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29549359        29549406        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29551613        29551756        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29554705        29554815        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29556151        29556252        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff exon    29560364        29562817        .       +
        .       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29484328        29484390        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29523653        29524226        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29534390        29534592        .       +
        2       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29536234        29536776        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29540851        29541010        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29545432        29545553        .       +
        2       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29549359        29549406        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29551613        29551756        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29554705        29554815        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29556151        29556252        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff CDS     29560364        29560942        .       +
        0       Parent=Smp_156390.1
SM_V9_3 Liftoff mRNA    29522939        29562817        .       +
        .
ID=Smp_156390.2;Parent=Smp_156390;geneID=Smp_156390;product=Abnormal
cell migration protein
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10;polypeptide_domain=InterPro:IPR000159,IPR011993,IPR029071;Ontolog
y_term=GO:0007165
SM_V9_3 Liftoff exon    29522939        29524226        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29534390        29534592        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29536234        29536776        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29540851        29541010        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29545432        29545553        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29549359        29549406        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29551613        29551756        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29554705        29554815        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29556151        29556252        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff exon    29560364        29562817        .       +
        .       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29523644        29524226        .       +
        0       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29534390        29534592        .       +
        2       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29536234        29536776        .       +
        0       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29540851        29541010        .       +
        0       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29545432        29545553        .       +
        2       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29549359        29549406        .       +
        0       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29551613        29551756        .       +
        0       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29554705        29554815        .       +
        0       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29556151        29556252        .       +
        0       Parent=Smp_156390.2
SM_V9_3 Liftoff CDS     29560364        29560942        .       +
        0       Parent=Smp_156390.2
SM_V9_3 iris    gene    29569938        29607869        .       -
        .
ID=Smp_243680;geneID=Smp_243680;gene_name=Smp_243680;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    29569938        29607869        .       -
        .
ID=Smp_243680.1;Parent=Smp_243680;geneID=Smp_243680;gene_name=Smp_24
3680;owner=irisadmin@local.host;orig_id=Smp_243680.1;date_last_modif
ied=2022-07-27;Name=Smp_243680.1;product=ATP-dependent Clp protease
ATP-binding subunit clpX-like,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    29569938        29571504        .       -
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        .       Parent=Smp_243680.1;Name=fcba20c4-4391-4e75-
ae83-442bb8904d0d
SM_V9_3 iris    exon    29583503        29583595        .       -
        .       Parent=Smp_243680.1;Name=bfcdaae5-8d87-444a-8369-
deef680e4a24
SM_V9_3 iris    exon    29585491        29585820        .       -
        .       Parent=Smp_243680.1;Name=ae69d9b4-5b91-40b9-a916-
eefaaf1e1e39
SM_V9_3 iris    exon    29587061        29587228        .       -
        .       Parent=Smp_243680.1;Name=f0909892-b232-4f00-
a178-9cc9b6750799
SM_V9_3 iris    exon    29587991        29588247        .       -
        .       Parent=Smp_243680.1;Name=98e847be-ebc1-4949-
a2a6-47429011ccd8
SM_V9_3 iris    exon    29591128        29591343        .       -
        .
Parent=Smp_243680.1;Name=10977655-8dad-4fff-8b8d-55548b710839
SM_V9_3 iris    exon    29594404        29594674        .       -
        .
Parent=Smp_243680.1;Name=29e6a546-024f-4c4d-8f76-28407566ff55
SM_V9_3 iris    exon    29602053        29602177        .       -
        .       Parent=Smp_243680.1;Name=616cff53-1f33-4056-
be45-0b1b6a8e05db
SM_V9_3 iris    exon    29603750        29603944        .       -
        .       Parent=Smp_243680.1;Name=a738f166-4b42-4aab-93e0-
f252bb3d9787
SM_V9_3 iris    exon    29607549        29607680        .       -
        .       Parent=Smp_243680.1;Name=5393acab-
cff6-4ea2-8e35-38997d3bd1db
SM_V9_3 iris    exon    29607711        29607869        .       -
        .       Parent=Smp_243680.1;Name=d5bb34e3-809c-46c3-
ab9c-3408be59420d
SM_V9_3 iris    CDS     29571364        29571504        .       -
        0       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29583503        29583595        .       -
        0       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29585491        29585820        .       -
        0       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29587061        29587228        .       -
        0       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29587991        29588247        .       -
        2       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29591128        29591343        .       -
        2       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29594404        29594674        .       -
        0       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29602053        29602177        .       -
        2       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29603750        29603944        .       -
        2       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29607549        29607680        .       -
        2       Parent=Smp_243680.1
SM_V9_3 iris    CDS     29607711        29607783        .       -
        0       Parent=Smp_243680.1
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SM_V9_3 Liftoff gene    29616749        29628197        .       +
        .       ID=Smp_063500;geneID=Smp_063500
SM_V9_3 Liftoff mRNA    29616749        29628197        .       +
        .
ID=Smp_063500.1;Parent=Smp_063500;geneID=Smp_063500;product=30S
ribosomal protein S4, chloroplastic
SM_V9_3 Liftoff exon    29616749        29626982        .       +
        .       Parent=Smp_063500.1
SM_V9_3 Liftoff exon    29627606        29628197        .       +
        .       Parent=Smp_063500.1
SM_V9_3 Liftoff CDS     29625851        29626982        .       +
        0       Parent=Smp_063500.1
SM_V9_3 Liftoff CDS     29627606        29627925        .       +
        2       Parent=Smp_063500.1
SM_V9_3 Liftoff gene    29830838        29833401        .       +
        .       ID=Smp_021340;geneID=Smp_021340
SM_V9_3 Liftoff mRNA    29830838        29833401        .       +
        .
ID=Smp_021340.1;Parent=Smp_021340;geneID=Smp_021340;product=Max
dimerization protein 3;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_3 Liftoff exon    29830838        29830969        .       +
        .       Parent=Smp_021340.1
SM_V9_3 Liftoff exon    29831008        29831140        .       +
        .       Parent=Smp_021340.1
SM_V9_3 Liftoff exon    29831179        29831208        .       +
        .       Parent=Smp_021340.1
SM_V9_3 Liftoff exon    29831248        29831362        .       +
        .       Parent=Smp_021340.1
SM_V9_3 Liftoff exon    29831455        29831647        .       +
        .       Parent=Smp_021340.1
SM_V9_3 Liftoff exon    29831720        29833401        .       +
        .       Parent=Smp_021340.1
SM_V9_3 Liftoff CDS     29830897        29830969        .       +
        0       Parent=Smp_021340.1
SM_V9_3 Liftoff CDS     29831008        29831140        .       +
        2       Parent=Smp_021340.1
SM_V9_3 Liftoff CDS     29831179        29831208        .       +
        1       Parent=Smp_021340.1
SM_V9_3 Liftoff CDS     29831248        29831362        .       +
        1       Parent=Smp_021340.1
SM_V9_3 Liftoff CDS     29831455        29831647        .       +
        0       Parent=Smp_021340.1
SM_V9_3 Liftoff CDS     29831720        29832078        .       +
        2       Parent=Smp_021340.1
SM_V9_3 iris    gene    30044619        30050196        .       -
        .
ID=Smp_123440;geneID=Smp_123440;gene_name=Smp_123440;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30044619        30050196        .       -
        .
ID=Smp_123440.1;Parent=Smp_123440;geneID=Smp_123440;gene_name=Smp_12
3440;owner=irisadmin@local.host;orig_id=Smp_123440.1;date_last_modif
ied=2022-07-27;Name=Smp_123440.1;product=Putative oxidoreductase
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C1F5.03c;date_creation=2022-07-26
SM_V9_3 iris    exon    30044619        30045291        .       -
        .       Parent=Smp_123440.1;Name=b22b6d6e-6375-40ff-
ac34-62062b090f2b
SM_V9_3 iris    exon    30045778        30046215        .       -
        .
Parent=Smp_123440.1;Name=8447e58b-7688-4747-9d70-4b67e3cb111f
SM_V9_3 iris    exon    30047856        30048411        .       -
        .       Parent=Smp_123440.1;Name=6b7b0bff-0f0b-4c44-
a9b2-08eeb75cc218
SM_V9_3 iris    exon    30050130        30050196        .       -
        .       Parent=Smp_123440.1;Name=0a0159b0-8cd4-4ccc-
b48a-16321d9065dd
SM_V9_3 iris    CDS     30044890        30045291        .       -
        0       Parent=Smp_123440.1
SM_V9_3 iris    CDS     30045778        30046215        .       -
        0       Parent=Smp_123440.1
SM_V9_3 iris    CDS     30047856        30048224        .       -
        0       Parent=Smp_123440.1
SM_V9_3 iris    gene    30063558        30081309        .       +
        .
ID=Smp_123450;geneID=Smp_123450;gene_name=Smp_123450;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30063558        30081309        .       +
        .
ID=Smp_123450.1;Parent=Smp_123450;geneID=Smp_123450;gene_name=Smp_12
3450;owner=irisadmin@local.host;orig_id=Smp_123450.3;date_last_modif
ied=2022-07-27;Name=Smp_123450.1;product=Nuclear pore complex
protein Nup88;date_creation=2022-07-26
SM_V9_3 iris    exon    30063558        30063709        .       +
        .       Parent=Smp_123450.1;Name=9da1b694-72a4-4359-
afd0-41ceb18c5061
SM_V9_3 iris    exon    30063744        30063982        .       +
        .       Parent=Smp_123450.1;Name=67ea447b-9540-4595-8577-
f08e977accff
SM_V9_3 iris    exon    30065707        30066163        .       +
        .       Parent=Smp_123450.1;Name=4e11ce03-9719-4a5e-
a95b-3d688fbc3615
SM_V9_3 iris    exon    30071480        30071737        .       +
        .       Parent=Smp_123450.1;Name=c1d40362-31bd-4cd8-
aa41-0bc83898e4c6
SM_V9_3 iris    exon    30074032        30074436        .       +
        .
Parent=Smp_123450.1;Name=c2655768-8f05-4361-830c-5075e0a3f154
SM_V9_3 iris    exon    30075664        30076015        .       +
        .       Parent=Smp_123450.1;Name=441d9bb1-e765-40d9-
adbb-263f55f48597
SM_V9_3 iris    exon    30077765        30077927        .       +
        .       Parent=Smp_123450.1;Name=0383ca4a-
f0e5-491c-90b7-0edff3f482de
SM_V9_3 iris    exon    30078365        30078608        .       +
        .       Parent=Smp_123450.1;Name=2f07bc7f-40d8-471c-a506-
fcb6e62e17ab
SM_V9_3 iris    exon    30080866        30081309        .       +
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        .       Parent=Smp_123450.1;Name=9a2f682d-f7af-47e8-
ab01-08b870d2ba5a
SM_V9_3 iris    CDS     30063580        30063709        .       +
        0       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30063744        30063982        .       +
        2       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30065707        30066163        .       +
        0       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30071480        30071737        .       +
        2       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30074032        30074436        .       +
        2       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30075664        30076015        .       +
        2       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30077765        30077927        .       +
        1       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30078365        30078608        .       +
        0       Parent=Smp_123450.1
SM_V9_3 iris    CDS     30080866        30081194        .       +
        2       Parent=Smp_123450.1
SM_V9_3 Liftoff gene    30084206        30086434        .       -
        .       ID=Smp_123460;geneID=Smp_123460
SM_V9_3 Liftoff mRNA    30084206        30086434        .       -
        .
ID=Smp_123460.1;Parent=Smp_123460;geneID=Smp_123460;product=Peptidyl
-tRNA hydrolase
SM_V9_3 Liftoff exon    30084206        30084255        .       -
        .       Parent=Smp_123460.1
SM_V9_3 Liftoff exon    30086305        30086434        .       -
        .       Parent=Smp_123460.1
SM_V9_3 Liftoff CDS     30084206        30084255        .       -
        2       Parent=Smp_123460.1
SM_V9_3 Liftoff CDS     30086305        30086434        .       -
        0       Parent=Smp_123460.1
SM_V9_3 Liftoff gene    30093828        30103828        .       +
        .       ID=Smp_002510;geneID=Smp_002510
SM_V9_3 Liftoff mRNA    30093828        30103828        .       +
        .
ID=Smp_002510.1;Parent=Smp_002510;geneID=Smp_002510;product=Pyruvate
dehydrogenase E1 component subunit beta,
mitochondrial;polypeptide_domain=InterPro:IPR005475,IPR009014,IPR029
061,IPR033248
Pfam:PF02779,PF02780;Ontology_term=GO:0003824,GO:0008152
SM_V9_3 Liftoff exon    30093828        30093916        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30093953        30094123        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30094160        30094222        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30094268        30094411        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30096962        30097139        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30097971        30098081        .       +
```

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        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30101510        30101601        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30102186        30102327        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff exon    30103355        30103828        .       +
        .       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30093881        30093916        .       +
        0       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30093953        30094123        .       +
        0       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30094160        30094222        .       +
        0       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30094268        30094411        .       +
        0       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30096962        30097139        .       +
        0       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30097971        30098081        .       +
        2       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30101510        30101601        .       +
        2       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30102186        30102327        .       +
        0       Parent=Smp_002510.1
SM_V9_3 Liftoff CDS     30103355        30103503        .       +
        2       Parent=Smp_002510.1
SM_V9_3 Liftoff gene    30115907        30136974        .       -
        .       ID=Smp_123470;geneID=Smp_123470
SM_V9_3 Liftoff mRNA    30115907        30136974        .       -
        .
ID=Smp_123470.1;Parent=Smp_123470;geneID=Smp_123470;product=Leucine-
rich repeat-containing protein
74B;polypeptide_domain=InterPro:IPR001611,IPR032675
Pfam:PF13516;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    30115907        30116254        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff exon    30118641        30118736        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff exon    30121921        30121999        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff exon    30127090        30127208        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff exon    30129687        30129854        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff exon    30131249        30131446        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff exon    30136432        30136652        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff exon    30136697        30136974        .       -
        .       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30115952        30116254        .       -
        0       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30118641        30118736        .       -
        0       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30121921        30121999        .       -
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        1       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30127090        30127208        .       -
        0       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30129687        30129854        .       -
        0       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30131249        30131446        .       -
        0       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30136432        30136652        .       -
        2       Parent=Smp_123470.1
SM_V9_3 Liftoff CDS     30136697        30136904        .       -
        0       Parent=Smp_123470.1
SM_V9_3 iris    gene    30137168        30143788        .       +
        .
ID=Smp_123480;geneID=Smp_123480;gene_name=Smp_123480;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30137168        30143788        .       +
        .
ID=Smp_123480.1;Parent=Smp_123480;geneID=Smp_123480;gene_name=Smp_12
3480;owner=irisadmin@local.host;orig_id=Smp_123480.1;date_last_modif
ied=2022-07-27;Name=Smp_123480.1;product=Serine/threonine-protein
kinase 33;date_creation=2022-07-26
SM_V9_3 iris    exon    30137168        30137436        .       +
        .       Parent=Smp_123480.1;Name=8473d9d0-a99e-4df0-
a536-7de891ea9053
SM_V9_3 iris    exon    30142048        30143788        .       +
        .       Parent=Smp_123480.1;Name=a05e3bd7-61ba-43b6-
b517-4fe9ba945d01
SM_V9_3 iris    CDS     30137221        30137436        .       +
        0       Parent=Smp_123480.1
SM_V9_3 iris    CDS     30142048        30143457        .       +
        0       Parent=Smp_123480.1
SM_V9_3 Liftoff gene    30162982        30181963        .       +
        .       ID=Smp_123490;geneID=Smp_123490
SM_V9_3 Liftoff mRNA    30162982        30181963        .       +
        .
ID=Smp_123490.1;Parent=Smp_123490;geneID=Smp_123490;product=Nicotina
mide/nicotinic acid mononucleotide adenylyltransferase
1;polypeptide_domain=InterPro:IPR004821,IPR014729
Pfam:PF01467;Ontology_term=GO:0003824,GO:0009058
SM_V9_3 Liftoff exon    30162982        30166543        .       +
        .       Parent=Smp_123490.1
SM_V9_3 Liftoff exon    30174142        30174567        .       +
        .       Parent=Smp_123490.1
SM_V9_3 Liftoff exon    30176176        30176510        .       +
        .       Parent=Smp_123490.1
SM_V9_3 Liftoff exon    30177118        30177219        .       +
        .       Parent=Smp_123490.1
SM_V9_3 Liftoff exon    30181328        30181963        .       +
        .       Parent=Smp_123490.1
SM_V9_3 Liftoff CDS     30166453        30166543        .       +
        0       Parent=Smp_123490.1
SM_V9_3 Liftoff CDS     30174142        30174567        .       +
        2       Parent=Smp_123490.1
SM_V9_3 Liftoff CDS     30176176        30176510        .       +
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        2       Parent=Smp_123490.1
SM_V9_3 Liftoff CDS     30177118        30177219        .       +
        0       Parent=Smp_123490.1
SM_V9_3 Liftoff CDS     30181328        30181525        .       +
        0       Parent=Smp_123490.1
SM_V9_3 iris    gene    30185187        30187415        .       -
        .
ID=Smp_002550;geneID=Smp_002550;gene_name=Smp_002550;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30185187        30187415        .       -
        .
ID=Smp_002550.1;Parent=Smp_002550;geneID=Smp_002550;gene_name=Smp_00
2550;owner=irisadmin@local.host;orig_id=Smp_002550.1;date_last_modif
ied=2022-07-27;Name=Smp_002550.1;product=RNA-binding protein
8A;date_creation=2022-07-26
SM_V9_3 iris    exon    30185187        30185466        .       -
        .
Parent=Smp_002550.1;Name=02b6ac3b-207a-4705-9656-883017238e46
SM_V9_3 iris    exon    30185503        30185639        .       -
        .       Parent=Smp_002550.1;Name=a66b28df-
f1f5-4f45-9193-81df90e13e03
SM_V9_3 iris    exon    30185677        30185845        .       -
        .       Parent=Smp_002550.1;Name=3cb65519-2b74-4bb4-8810-
a35254b1df7e
SM_V9_3 iris    exon    30187274        30187415        .       -
        .       Parent=Smp_002550.1;Name=10f124da-8a5c-4f94-
a4e8-8bcb90217ef8
SM_V9_3 iris    CDS     30185269        30185466        .       -
        0       Parent=Smp_002550.1
SM_V9_3 iris    CDS     30185503        30185639        .       -
        2       Parent=Smp_002550.1
SM_V9_3 iris    CDS     30185677        30185773        .       -
        0       Parent=Smp_002550.1
SM_V9_3 Liftoff gene    30201229        30224594        .       -
        .       ID=Smp_123500;geneID=Smp_123500
SM_V9_3 Liftoff mRNA    30201229        30224594        .       -
        .
ID=Smp_123500.1;Parent=Smp_123500;geneID=Smp_123500;product=Probable
ATP-dependent RNA helicase
DHX37;polypeptide_domain=InterPro:IPR001650,IPR002464,IPR003593,IPR0
07502,IPR011545,IPR011709,IPR014001,IPR027417
Pfam:PF00270,PF00271,PF04408,PF07717;Ontology_term=GO:0003676,GO:000
4386,GO:0005524
SM_V9_3 Liftoff exon    30201229        30201404        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30201442        30201539        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30202497        30203034        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30204690        30204804        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30205132        30205319        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30205724        30205967        .       -
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        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30207462        30207688        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30207783        30207912        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30209305        30209523        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30210725        30210889        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30211887        30212082        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30213245        30213525        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30214242        30214574        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30216609        30216705        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30219505        30219597        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30222617        30223036        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30223070        30223182        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30223215        30223403        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff exon    30224540        30224594        .       -
        .       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30201310        30201404        .       -
        2       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30201442        30201539        .       -
        1       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30202497        30203034        .       -
        2       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30204690        30204804        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30205132        30205319        .       -
        2       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30205724        30205967        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30207462        30207688        .       -
        2       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30207783        30207912        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30209305        30209523        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30210725        30210889        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30211887        30212082        .       -
        1       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30213245        30213525        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30214242        30214574        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30216609        30216705        .       -
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        1       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30219505        30219597        .       -
        1       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30222617        30223036        .       -
        1       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30223070        30223182        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30223215        30223403        .       -
        0       Parent=Smp_123500.1
SM_V9_3 Liftoff CDS     30224540        30224572        .       -
        0       Parent=Smp_123500.1
SM_V9_3 iris    gene    30235456        30251293        .       +
        .
ID=Smp_123510;geneID=Smp_123510;gene_name=Smp_123510;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30235456        30251293        .       +
        .
ID=Smp_123510.1;Parent=Smp_123510;geneID=Smp_123510;gene_name=Smp_12
3510;owner=irisadmin@local.host;orig_id=Smp_123510.1;date_last_modif
ied=2022-07-27;Name=Smp_123510.1;product=Vacuolar protein sorting-
associated protein 16 homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    30235456        30235581        .       +
        .       Parent=Smp_123510.1;Name=00973e5b-3e5b-4e3a-9942-
b91974258c6c
SM_V9_3 iris    exon    30237201        30237339        .       +
        .       Parent=Smp_123510.1;Name=df04e448-
bd58-4649-8c74-846d63d09e7c
SM_V9_3 iris    exon    30237373        30237461        .       +
        .       Parent=Smp_123510.1;Name=349424e7-ca1d-4c91-
b711-5289e139e25b
SM_V9_3 iris    exon    30237499        30237581        .       +
        .       Parent=Smp_123510.1;Name=8e3df218-51de-43c8-
ba35-64954e4db71b
SM_V9_3 iris    exon    30239210        30239389        .       +
        .       Parent=Smp_123510.1;Name=60114dd3-4bbf-4d02-ba1e-
fc74b5d35121
SM_V9_3 iris    exon    30240578        30240811        .       +
        .       Parent=Smp_123510.1;Name=a1dcacbc-76d6-4edb-b226-
dc958a73562b
SM_V9_3 iris    exon    30242196        30242543        .       +
        .       Parent=Smp_123510.1;Name=52cbc9bd-47ed-482d-
a3b7-344df6efca13
SM_V9_3 iris    exon    30243645        30244042        .       +
        .
Parent=Smp_123510.1;Name=22b0a943-9ab5-43fa-9da6-0811c20eb28b
SM_V9_3 iris    exon    30245471        30246296        .       +
        .       Parent=Smp_123510.1;Name=8abd7a1c-a13d-45b5-
a802-8f39e83146ac
SM_V9_3 iris    exon    30246978        30247055        .       +
        .
Parent=Smp_123510.1;Name=28d0a699-90c8-4b40-9070-701273e7e1ee
SM_V9_3 iris    exon    30247993        30248349        .       +
        .       Parent=Smp_123510.1;Name=6f65fc5b-
ccc9-4ed2-8495-2ab3e562703d
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SM_V9_3 iris    exon    30249951        30250054        .       +
        .       Parent=Smp_123510.1;Name=28ddded7-bfcf-45dc-af24-
d9c8f09361b9
SM_V9_3 iris    exon    30250818        30251293        .       +
        .       Parent=Smp_123510.1;Name=d490c59a-23c0-485b-b7d9-
e4e9f2968c31
SM_V9_3 iris    CDS     30237290        30237339        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30237373        30237461        .       +
        1       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30237499        30237581        .       +
        2       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30239210        30239389        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30240578        30240811        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30242196        30242543        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30243645        30244042        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30245471        30246296        .       +
        1       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30246978        30247055        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30247993        30248349        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30249951        30250054        .       +
        0       Parent=Smp_123510.1
SM_V9_3 iris    CDS     30250818        30250956        .       +
        1       Parent=Smp_123510.1
SM_V9_3 iris    gene    30252491        30286900        .       -
        .
ID=Smp_123520;geneID=Smp_123520;gene_name=Smp_123520;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30252491        30286900        .       -
        .
ID=Smp_123520.1;Parent=Smp_123520;geneID=Smp_123520;gene_name=Smp_12
3520;owner=irisadmin@local.host;orig_id=Smp_123520.1;date_last_modif
ied=2022-07-27;Name=Smp_123520.1;product=tRNA (uracil-5-)-
methyltransferase homolog A;date_creation=2022-07-26
SM_V9_3 iris    exon    30252491        30252671        .       -
        .
Parent=Smp_123520.1;Name=d3be13b9-9ee2-4fa0-9797-64194564a3ae
SM_V9_3 iris    exon    30253118        30253214        .       -
        .       Parent=Smp_123520.1;Name=99ef2d75-
e1ef-4e4b-8718-72307af4314e
SM_V9_3 iris    exon    30255512        30255631        .       -
        .       Parent=Smp_123520.1;Name=2605c7f4-9325-42ac-a7bc-
d7f49a50bbf5
SM_V9_3 iris    exon    30258667        30258742        .       -
        .
Parent=Smp_123520.1;Name=116273bd-5f55-4d8c-869f-891d7f2b46ff
SM_V9_3 iris    exon    30260200        30260363        .       -
        .       Parent=Smp_123520.1;Name=52666e12-bcca-42b4-
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b31d-4015836f2728
SM_V9_3 iris    exon    30261985        30262045        .       -
        .
Parent=Smp_123520.1;Name=c010cd82-8f9f-44fb-8ece-2f35ca71e9ab
SM_V9_3 iris    exon    30262765        30262816        .       -
        .       Parent=Smp_123520.1;Name=0c365806-dacc-4f69-
a230-5c21ad313b7a
SM_V9_3 iris    exon    30263081        30263181        .       -
        .       Parent=Smp_123520.1;Name=13a52346-f55b-4386-ba75-
d9fc74e4f3d1
SM_V9_3 iris    exon    30267043        30267323        .       -
        .       Parent=Smp_123520.1;Name=3ab13548-4e22-429c-a410-
cfc2b88aecfc
SM_V9_3 iris    exon    30268919        30268982        .       -
        .       Parent=Smp_123520.1;Name=b209dcb6-
e801-403b-8921-6beaf0ad9f40
SM_V9_3 iris    exon    30270282        30270342        .       -
        .       Parent=Smp_123520.1;Name=e7207c1b-b71a-4591-85db-
dac984eb38c7
SM_V9_3 iris    exon    30271141        30271296        .       -
        .       Parent=Smp_123520.1;Name=806f656a-3d07-42b5-ba20-
fe3e48905c0f
SM_V9_3 iris    exon    30273788        30273918        .       -
        .       Parent=Smp_123520.1;Name=0e697ebd-7477-4da2-9b83-
f5785eff9388
SM_V9_3 iris    exon    30280936        30281011        .       -
        .
Parent=Smp_123520.1;Name=c95d7a1a-016f-4b22-8f70-6efa72c9517a
SM_V9_3 iris    exon    30281050        30281135        .       -
        .       Parent=Smp_123520.1;Name=2d49c09b-d9a8-48a1-
a6a7-096b066cfdda
SM_V9_3 iris    exon    30286635        30286900        .       -
        .       Parent=Smp_123520.1;Name=adac617b-67ab-4732-ae20-
d37455fd76c7
SM_V9_3 iris    CDS     30252536        30252671        .       -
        1       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30253118        30253214        .       -
        2       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30255512        30255631        .       -
        2       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30258667        30258742        .       -
        0       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30260200        30260363        .       -
        2       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30261985        30262045        .       -
        0       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30262765        30262816        .       -
        1       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30263081        30263181        .       -
        0       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30267043        30267323        .       -
        2       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30268919        30268982        .       -
        0       Parent=Smp_123520.1
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SM_V9_3 iris    CDS     30270282        30270342        .       -
        1       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30271141        30271296        .       -
        1       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30273788        30273918        .       -
        0       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30280936        30281011        .       -
        1       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30281050        30281135        .       -
        0       Parent=Smp_123520.1
SM_V9_3 iris    CDS     30286635        30286877        .       -
        0       Parent=Smp_123520.1
SM_V9_3 iris    gene    30287953        30298644        .       -
        .
ID=Smp_123530;geneID=Smp_123530;gene_name=Smp_123530;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30287953        30298644        .       -
        .
ID=Smp_123530.1;Parent=Smp_123530;geneID=Smp_123530;gene_name=Smp_12
3530;owner=irisadmin@local.host;orig_id=Smp_123530.1;date_last_modif
ied=2022-07-27;Name=Smp_123530.1;product=rRNA methyltransferase 3,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    30287953        30288675        .       -
        .       Parent=Smp_123530.1;Name=52ecc390-b2a5-4caa-be9c-
c5afe9840ff6
SM_V9_3 iris    exon    30290127        30290338        .       -
        .       Parent=Smp_123530.1;Name=30af61dc-65cc-4b1b-
bf58-92dcf8022ee0
SM_V9_3 iris    exon    30292461        30292622        .       -
        .       Parent=Smp_123530.1;Name=cf5555c5-d63b-4921-a4ee-
cc6ce0d69fad
SM_V9_3 iris    exon    30294658        30294923        .       -
        .       Parent=Smp_123530.1;Name=ccf1cf6a-346e-46c6-
aa4a-4f5424d1213f
SM_V9_3 iris    exon    30294955        30295291        .       -
        .       Parent=Smp_123530.1;Name=24cc663b-8ea4-4153-
bee9-7192c34c9b57
SM_V9_3 iris    exon    30298591        30298644        .       -
        .
Parent=Smp_123530.1;Name=f47c0e2f-19fe-49f3-8eb8-3250c351880b
SM_V9_3 iris    CDS     30288322        30288675        .       -
        0       Parent=Smp_123530.1
SM_V9_3 iris    CDS     30290127        30290338        .       -
        2       Parent=Smp_123530.1
SM_V9_3 iris    CDS     30292461        30292622        .       -
        2       Parent=Smp_123530.1
SM_V9_3 iris    CDS     30294658        30294923        .       -
        1       Parent=Smp_123530.1
SM_V9_3 iris    CDS     30294955        30295184        .       -
        0       Parent=Smp_123530.1
SM_V9_3 iris    gene    30303834        30326651        .       +
        .
ID=Smp_002600;geneID=Smp_002600;gene_name=Smp_002600;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
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SM_V9_3 iris    mRNA    30303834        30323694        .       +
       .
ID=Smp_002600.1;Parent=Smp_002600;geneID=Smp_002600;gene_name=Smp_00
2600;owner=irisadmin@local.host;orig_id=Smp_002600.2;date_last_modif
ied=2022-07-27;Name=Smp_002600.1;product=Lysosomal Pro-X
carboxypeptidase;date_creation=2022-07-27
SM_V9_3 iris    exon    30303834        30303931        .       +
       .
Parent=Smp_002600.1;Name=07f7a211-8cc3-4ea8-9c1e-31b4eb34721c
SM_V9_3 iris    exon    30304033        30304235        .       +
       .
Parent=Smp_002600.1;Name=2a2be0a3-1dd7-4c65-936f-402b12b6105c
SM_V9_3 iris    exon    30304278        30304415        .       +
       .       Parent=Smp_002600.1;Name=60f5b236-ee8d-4500-a694-
ac88eab208a1
SM_V9_3 iris    exon    30304475        30304576        .       +
       .       Parent=Smp_002600.1;Name=ed9bbe26-0164-4f2f-817b-
c123d78eb415
SM_V9_3 iris    exon    30306323        30306504        .       +
       .
Parent=Smp_002600.1;Name=e99dcde7-95a8-441c-9e42-75f833028e00
SM_V9_3 iris    exon    30312151        30312311        .       +
       .       Parent=Smp_002600.1;Name=98c1ab07-5df9-4b83-addd-
b9ad190a01bf
SM_V9_3 iris    exon    30316543        30316706        .       +
       .       Parent=Smp_002600.1;Name=2eac2374-3de0-44a7-a007-
d21fa58f48e7
SM_V9_3 iris    exon    30319601        30319768        .       +
       .       Parent=Smp_002600.1;Name=2f440145-ae60-4a26-a6be-
bba5a712b75a
SM_V9_3 iris    exon    30321650        30321837        .       +
       .       Parent=Smp_002600.1;Name=7a6cb1d1-c6fc-4bcb-808a-
a4ff30209b12
SM_V9_3 iris    exon    30323322        30323694        .       +
       .       Parent=Smp_002600.1;Name=9979d8b0-
ab7c-4401-8054-6f8421691126
SM_V9_3 iris    CDS     30304110        30304235        .       +
       0       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30304278        30304415        .       +
       0       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30304475        30304576        .       +
       0       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30306323        30306504        .       +
       0       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30312151        30312311        .       +
       1       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30316543        30316706        .       +
       2       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30319601        30319768        .       +
       0       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30321650        30321837        .       +
       0       Parent=Smp_002600.1
SM_V9_3 iris    CDS     30323322        30323589        .       +
       1       Parent=Smp_002600.1
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SM_V9_3 iris    mRNA    30303835        30326651        .       +
       .
ID=Smp_002600.2;Parent=Smp_002600;geneID=Smp_002600;gene_name=Smp_00
2600;owner=irisadmin@local.host;orig_id=Smp_002600.1;date_last_modif
ied=2022-07-27;Name=Smp_002600.2;product=Lysosomal Pro-X
carboxypeptidase;date_creation=2022-07-27
SM_V9_3 iris    exon    30303835        30303931        .       +
       .       Parent=Smp_002600.2;Name=1557abae-2a16-4071-a04e-
bd4cf6fc19ea
SM_V9_3 iris    exon    30304033        30304235        .       +
       .       Parent=Smp_002600.2;Name=0720eada-e543-4932-929f-
fc59db50721c
SM_V9_3 iris    exon    30304278        30304415        .       +
       .       Parent=Smp_002600.2;Name=46c9922e-3670-4267-a05b-
b5ff9f21ecf8
SM_V9_3 iris    exon    30304475        30304576        .       +
       .
Parent=Smp_002600.2;Name=9dca34fc-6582-4f35-820c-054f1a48dcd3
SM_V9_3 iris    exon    30306323        30306504        .       +
       .
Parent=Smp_002600.2;Name=a726c879-1d29-4ab0-8792-020c47f39726
SM_V9_3 iris    exon    30312151        30312311        .       +
       .       Parent=Smp_002600.2;Name=1a8e4452-0061-42a3-
b8e2-81748d6c0051
SM_V9_3 iris    exon    30316543        30316706        .       +
       .
Parent=Smp_002600.2;Name=d898792c-61cf-4819-87aa-869ef953fea7
SM_V9_3 iris    exon    30319601        30319768        .       +
       .
Parent=Smp_002600.2;Name=7d4d0d85-4948-4bfb-84ae-4c561f6eab4f
SM_V9_3 iris    exon    30321650        30321837        .       +
       .       Parent=Smp_002600.2;Name=358b41c5-807f-4466-b6ea-
a6f3214e0c05
SM_V9_3 iris    exon    30323322        30323522        .       +
       .       Parent=Smp_002600.2;Name=678ce7ab-8ca1-48a0-
bfb4-5733c9040ff0
SM_V9_3 iris    exon    30326453        30326651        .       +
       .       Parent=Smp_002600.2;Name=6e4582c7-4466-4c4c-aee4-
fb8b12d13b42
SM_V9_3 iris    CDS     30304110        30304235        .       +
       0       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30304278        30304415        .       +
       0       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30304475        30304576        .       +
       0       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30306323        30306504        .       +
       0       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30312151        30312311        .       +
       1       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30316543        30316706        .       +
       2       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30319601        30319768        .       +
       0       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30321650        30321837        .       +
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        0       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30323322        30323522        .       +
        1       Parent=Smp_002600.2
SM_V9_3 iris    CDS     30326453        30326630        .       +
        1       Parent=Smp_002600.2
SM_V9_3 Liftoff gene    30333019        30343579        .       -
        .       ID=Smp_202120;geneID=Smp_202120
SM_V9_3 Liftoff mRNA    30333019        30343579        .       -
        .
ID=Smp_202120.1;Parent=Smp_202120;geneID=Smp_202120;product=Homeobox
protein abdominal-
B;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR02047
9 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    30333019        30333526        .       -
        .       Parent=Smp_202120.1
SM_V9_3 Liftoff exon    30336350        30336492        .       -
        .       Parent=Smp_202120.1
SM_V9_3 Liftoff exon    30338579        30343579        .       -
        .       Parent=Smp_202120.1
SM_V9_3 Liftoff CDS     30333278        30333526        .       -
        0       Parent=Smp_202120.1
SM_V9_3 Liftoff CDS     30336350        30336492        .       -
        2       Parent=Smp_202120.1
SM_V9_3 Liftoff CDS     30338579        30339029        .       -
        0       Parent=Smp_202120.1
SM_V9_3 iris    gene    30433588        30460555        .       +
        .
ID=Smp_002640;geneID=Smp_002640;gene_name=Smp_002640;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30433588        30460555        .       +
        .
ID=Smp_002640.1;Parent=Smp_002640;geneID=Smp_002640;gene_name=Smp_00
2640;owner=irisadmin@local.host;orig_id=Smp_002640.1;date_last_modif
ied=2022-07-27;Name=Smp_002640.1;product=homeobox protein
SMOX-1;date_creation=2022-07-26
SM_V9_3 iris    exon    30433588        30435486        .       +
        .       Parent=Smp_002640.1;Name=51faf04a-ddbf-4381-bd8b-
d1e76dec37a1
SM_V9_3 iris    exon    30450748        30450832        .       +
        .       Parent=Smp_002640.1;Name=321e8a46-ad9f-4174-935f-
fd5e7236a3a8
SM_V9_3 iris    exon    30453189        30453267        .       +
        .
Parent=Smp_002640.1;Name=89c9a970-18c4-4092-808f-1e585072b0bd
SM_V9_3 iris    exon    30458293        30460555        .       +
        .       Parent=Smp_002640.1;Name=d0733ba3-4dc6-4e61-9cba-
eae552832950
SM_V9_3 iris    CDS     30433776        30435486        .       +
        0       Parent=Smp_002640.1
SM_V9_3 iris    CDS     30450748        30450832        .       +
        2       Parent=Smp_002640.1
SM_V9_3 iris    CDS     30453189        30453267        .       +
        1       Parent=Smp_002640.1
SM_V9_3 iris    CDS     30458293        30458946        .       +
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        0       Parent=Smp_002640.1
SM_V9_3 iris    gene    30497578        30512862        .       +
        .
ID=Smp_123570;geneID=Smp_123570;gene_name=Smp_123570;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30497578        30512862        .       +
        .
ID=Smp_123570.1;Parent=Smp_123570;geneID=Smp_123570;gene_name=Smp_12
3570;owner=irisadmin@local.host;orig_id=Smp_123570.1;date_last_modif
ied=2022-07-27;Name=Smp_123570.1;product=Aryl hydrocarbon receptor
nuclear translocator;date_creation=2022-07-26
SM_V9_3 iris    exon    30497578        30497666        .       +
        .
Parent=Smp_123570.1;Name=5140c980-533e-4ba3-8840-2e490e0fc1a4
SM_V9_3 iris    exon    30498871        30498942        .       +
        .       Parent=Smp_123570.1;Name=f07b736e-118c-46d1-
bb94-98a0b65c7312
SM_V9_3 iris    exon    30500088        30500233        .       +
        .       Parent=Smp_123570.1;Name=1497cb61-a255-4704-a82d-
cf639cad7474
SM_V9_3 iris    exon    30500327        30500388        .       +
        .       Parent=Smp_123570.1;Name=cc616a19-61d8-4d6c-9668-
c7842895daf6
SM_V9_3 iris    exon    30500469        30500558        .       +
        .       Parent=Smp_123570.1;Name=c20e008f-03f2-4135-8651-
fd11e4f1eec6
SM_V9_3 iris    exon    30502349        30502466        .       +
        .       Parent=Smp_123570.1;Name=36630edc-4efa-4dfe-
a510-077f6eec07c9
SM_V9_3 iris    exon    30505055        30505183        .       +
        .       Parent=Smp_123570.1;Name=b6fcb8e0-d2ee-4523-
a6b3-7925cecf966b
SM_V9_3 iris    exon    30505983        30506169        .       +
        .       Parent=Smp_123570.1;Name=d813c701-cfbc-4acd-85a7-
f875b31a9b0e
SM_V9_3 iris    exon    30508004        30508110        .       +
        .       Parent=Smp_123570.1;Name=cc230e8a-35a5-4d31-
aae5-06bd0d9a9680
SM_V9_3 iris    exon    30509695        30509836        .       +
        .       Parent=Smp_123570.1;Name=bd18729c-5395-4ad0-
b49f-7256cc523dbb
SM_V9_3 iris    exon    30510745        30511069        .       +
        .
Parent=Smp_123570.1;Name=712112a8-60c0-4dce-812e-6caae3bb548e
SM_V9_3 iris    exon    30511252        30511441        .       +
        .       Parent=Smp_123570.1;Name=c5caf31d-161e-4ca4-972c-
ddb6c8ada752
SM_V9_3 iris    exon    30512461        30512862        .       +
        .       Parent=Smp_123570.1;Name=2d376dcc-
aff6-456c-8cbb-8a4a8da17a64
SM_V9_3 iris    CDS     30498893        30498942        .       +
        0       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30500088        30500233        .       +
        1       Parent=Smp_123570.1
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SM_V9_3 iris    CDS     30500327        30500388        .       +
        2       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30500469        30500558        .       +
        0       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30502349        30502466        .       +
        0       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30505055        30505183        .       +
        2       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30505983        30506169        .       +
        2       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30508004        30508110        .       +
        1       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30509695        30509836        .       +
        2       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30510745        30511069        .       +
        1       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30511252        30511441        .       +
        0       Parent=Smp_123570.1
SM_V9_3 iris    CDS     30512461        30512618        .       +
        2       Parent=Smp_123570.1
SM_V9_3 iris    gene    30514978        30520842        .       -
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        .
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proliferation-associated 1-like protein 1;date_creation=2022-07-26
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d2c1f8b5cf23
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SM_V9_3 iris    exon    30520799        30520842        .       -
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SM_V9_3 Liftoff gene    30526656        30535172        .       +
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RNA-binding protein
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194 Pfam:PF00076,PF07744;Ontology_term=GO:0003676
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        .       Parent=Smp_123600.1
SM_V9_3 Liftoff exon    30532821        30535172        .       +
        .       Parent=Smp_123600.1
SM_V9_3 Liftoff CDS     30530600        30530994        .       +
        0       Parent=Smp_123600.1
SM_V9_3 Liftoff CDS     30532821        30534807        .       +
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        .       Parent=Smp_123610.1;Name=14a9ec53-086a-4677-8716-
ff4932f245f9
SM_V9_3 iris    exon    30539460        30539701        .       -
        .
Parent=Smp_123610.1;Name=20c99451-0beb-488f-9816-004a934381f0
SM_V9_3 iris    exon    30541942        30542263        .       -
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edc2c5009add
SM_V9_3 iris    exon    30543587        30543878        .       -
        .       Parent=Smp_123610.1;Name=ceac1e25-8acb-41c4-
b260-22bde116c285
SM_V9_3 iris    exon    30545403        30545813        .       -
        .       Parent=Smp_123610.1;Name=6de1dc40-4bde-4a99-8d22-
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        .
Parent=Smp_123610.1;Name=c3854dc5-4765-47db-896f-57b897eb2518
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SM_V9_3 iris    exon    30555502        30555754        .       -
        .
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SM_V9_3 iris    exon    30556819        30557261        .       -
        .       Parent=Smp_123610.1;Name=4bd851ef-bcf4-450f-a76b-
e1b8d0b58463
SM_V9_3 iris    exon    30560239        30560472        .       -
        .       Parent=Smp_123610.1;Name=88bba89d-b2bf-4e16-91aa-
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SM_V9_3 iris    exon    30561967        30562021        .       -
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SM_V9_3 iris    exon    30567481        30568083        .       -
        .       Parent=Smp_123610.1;Name=a521ab01-4533-4c8a-
aa23-7b922418d340
SM_V9_3 iris    exon    30569156        30569337        .       -
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SM_V9_3 iris    exon    30572584        30572713        .       -
        .       Parent=Smp_123610.1;Name=97805f26-
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SM_V9_3 iris    exon    30576695        30577074        .       -
        .       Parent=Smp_123610.1;Name=71b58578-eeb2-4952-b6ec-
e8ae64d4ec96
SM_V9_3 iris    exon    30578394        30578720        .       -
        .       Parent=Smp_123610.1;Name=c4dccc3d-
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SM_V9_3 iris    exon    30579642        30579837        .       -
        .       Parent=Smp_123610.1;Name=68675d4a-b711-4eb9-
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SM_V9_3 iris    exon    30581098        30581244        .       -
        .       Parent=Smp_123610.1;Name=2e6566b0-ee05-4235-
b3ec-05eb8ee6ba61
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Parent=Smp_123610.1;Name=4c505fa9-2e6d-443a-8ea1-5c95ebd3cbe0
SM_V9_3 iris    CDS     30535264        30535561        .       -
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SM_V9_3 iris    CDS     30537072        30537493        .       -
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SM_V9_3 iris    CDS     30539460        30539701        .       -
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SM_V9_3 iris    CDS     30541942        30542263        .       -
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SM_V9_3 iris    CDS     30547822        30548035        .       -
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SM_V9_3 iris    CDS     30556819        30557261        .       -
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        1       Parent=Smp_123610.1
SM_V9_3 iris    CDS     30567481        30568083        .       -
        1       Parent=Smp_123610.1
SM_V9_3 iris    CDS     30569156        30569337        .       -
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SM_V9_3 iris    CDS     30572584        30572713        .       -
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SM_V9_3 iris    CDS     30581098        30581244        .       -
        1       Parent=Smp_123610.1
SM_V9_3 iris    CDS     30591523        30591650        .       -
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ID=Smp_123620;geneID=Smp_123620;gene_name=Smp_123620;owner=irisadmin
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protein 3;date_creation=2022-07-27
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SM_V9_3 iris    exon    30596497        30596691        .       -
        .       Parent=Smp_123620.1;Name=15570d70-ffb4-4920-
af72-3d23672171c0
SM_V9_3 iris    CDS     30592781        30593662        .       -
        0       Parent=Smp_123620.1
SM_V9_3 Liftoff gene    30607708        30617482        .       +
        .       ID=Smp_123630;geneID=Smp_123630
SM_V9_3 Liftoff mRNA    30607708        30617482        .       +
        .
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n carboxyl-terminal hydrolase
49;polypeptide_domain=InterPro:IPR001394,IPR001607,IPR013083,IPR0182
00,IPR028889
Pfam:PF00443,PF02148;Ontology_term=GO:0006511,GO:0008270,GO:0016579,
GO:0036459
SM_V9_3 Liftoff exon    30607708        30610959        .       +
        .       Parent=Smp_123630.1
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        .       Parent=Smp_123630.1
SM_V9_3 Liftoff exon    30611353        30611410        .       +
        .       Parent=Smp_123630.1
SM_V9_3 Liftoff exon    30611449        30611576        .       +
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SM_V9_3 Liftoff exon    30616366        30617482        .       +
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SM_V9_3 Liftoff CDS     30610771        30610959        .       +
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        1       Parent=Smp_123630.1
SM_V9_3 Liftoff CDS     30611264        30611320        .       +
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SM_V9_3 Liftoff CDS     30611353        30611410        .       +
        1       Parent=Smp_123630.1
SM_V9_3 Liftoff CDS     30611449        30611576        .       +
        0       Parent=Smp_123630.1
SM_V9_3 Liftoff CDS     30611616        30612568        .       +
        1       Parent=Smp_123630.1
SM_V9_3 Liftoff CDS     30614099        30614450        .       +
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SM_V9_3 Liftoff CDS     30616366        30616676        .       +
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SM_V9_3 Liftoff mRNA    30656768        30657964        .       -
        .
ID=Smp_002740.1;Parent=Smp_002740;geneID=Smp_002740;product=Bifuncti
onal heparan sulfate N-deacetylase/N-sulfotransferase 2
SM_V9_3 Liftoff exon    30656768        30657214        .       -
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        .       Parent=Smp_002740.1
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SM_V9_3 Liftoff mRNA    30674207        30700525        .       +
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protein-coupled receptor kinase
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GO:0005524,GO:0006468,GO:0007165
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        .       Parent=Smp_123640.1
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        .       Parent=Smp_123640.1
SM_V9_3 Liftoff exon    30676055        30676259        .       +
        .       Parent=Smp_123640.1
SM_V9_3 Liftoff exon    30681416        30681647        .       +
        .       Parent=Smp_123640.1
SM_V9_3 Liftoff exon    30684234        30684323        .       +
        .       Parent=Smp_123640.1
SM_V9_3 Liftoff exon    30686692        30686900        .       +
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SM_V9_3 Liftoff exon    30689568        30689705        .       +
        .       Parent=Smp_123640.1
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        .       Parent=Smp_123640.1
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        .       Parent=Smp_123640.1
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SM_V9_3 Liftoff CDS     30674467        30674579        .       +
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SM_V9_3 Liftoff CDS     30674729        30674934        .       +
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SM_V9_3 Liftoff CDS     30676055        30676259        .       +
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SM_V9_3 Liftoff CDS     30698385        30698927        .       +
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homolog;date_creation=2022-07-26
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       .       Parent=Smp_308820.1;Name=e619fa84-96c1-48b6-a2a6-
f69a88d37d30
SM_V9_3 iris    exon    30714324        30714842        .       -
       .       Parent=Smp_308820.1;Name=d6ab3187-
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SM_V9_3 iris    exon    30735302        30735380        .       -
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c9de-4b15-9aa6-19fadd8541a3
SM_V9_3 iris    exon    30743758        30745010        .       -
       .       Parent=Smp_308820.1;Name=8c558f2c-a3cb-47d8-9470-
a1559fe4c149
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       .       Parent=Smp_308820.1;Name=6e228909-4d5c-4cd0-8d42-
d0d620ffb5a8
SM_V9_3 iris    CDS     30708056        30709405        .       -
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SM_V9_3 iris    CDS     30714324        30714842        .       -
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SM_V9_3 iris    CDS     30735302        30735380        .       -
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SM_V9_3 iris    CDS     30743758        30745010        .       -
       0       Parent=Smp_308820.1
SM_V9_3 iris    CDS     30747302        30748339        .       -
       0       Parent=Smp_308820.1
SM_V9_3 iris    gene    30758340        30772778        .       -
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ID=Smp_308830;geneID=Smp_308830;gene_name=Smp_308830;owner=irisadmin
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SM_V9_3 iris    mRNA    30758340        30772778        .       -
       .
ID=Smp_308830.1;Parent=Smp_308830;geneID=Smp_308830;gene_name=Smp_30
8830;owner=irisadmin@local.host;orig_id=Smp_308830.3;date_last_modif
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       .       Parent=Smp_308830.1;Name=2b9dce65-16f6-495a-
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SM_V9_3 iris    exon    30764996        30765572        .       -
       .       Parent=Smp_308830.1;Name=1e189465-5e0f-4dd7-896b-
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c26f6296b67d
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SM_V9_3 iris    CDS     30763347        30763952        .       -
        2       Parent=Smp_308830.1
SM_V9_3 iris    CDS     30764996        30765572        .       -
        0       Parent=Smp_308830.1
SM_V9_3 iris    CDS     30767747        30768249        .       -
        2       Parent=Smp_308830.1
SM_V9_3 iris    CDS     30771981        30772707        .       -
        0       Parent=Smp_308830.1
SM_V9_3 Liftoff gene    30783707        30802971        .       +
        .
ID=Smp_300810;geneID=Smp_300810;previous_systematic_id=Smp_002810
SM_V9_3 Liftoff mRNA    30783707        30802971        .       +
        .
ID=Smp_300810.1;Parent=Smp_300810;geneID=Smp_300810;product=Fidgetin
-like protein
1;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR027417
Pfam:PF00004;Ontology_term=GO:0005524
SM_V9_3 Liftoff exon    30783707        30785454        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30785486        30785553        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30785586        30785639        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30785674        30785735        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30785769        30785832        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30785869        30785918        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30792684        30792818        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30792863        30792937        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30794485        30794573        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30795610        30795772        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30798951        30799051        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30800808        30800887        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30801215        30801285        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30801420        30801581        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30801659        30801714        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30802105        30802268        .       +
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        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30802420        30802520        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff exon    30802801        30802971        .       +
        .       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30785384        30785454        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30785486        30785553        .       +
        1       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30785586        30785639        .       +
        2       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30785674        30785735        .       +
        2       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30785769        30785832        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30785869        30785918        .       +
        2       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30792684        30792818        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30792863        30792937        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30794485        30794573        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30795610        30795772        .       +
        1       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30798951        30799051        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30800808        30800887        .       +
        1       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30801215        30801285        .       +
        2       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30801420        30801581        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30801659        30801714        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30802105        30802268        .       +
        1       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30802420        30802520        .       +
        2       Parent=Smp_300810.1
SM_V9_3 Liftoff CDS     30802801        30802923        .       +
        0       Parent=Smp_300810.1
SM_V9_3 Liftoff gene    30802955        30809643        .       -
        .       ID=Smp_002820;geneID=Smp_002820
SM_V9_3 Liftoff mRNA    30802955        30809643        .       -
        .
ID=Smp_002820.1;Parent=Smp_002820;geneID=Smp_002820;product=Zinc
finger CCCH domain-containing protein
4;polypeptide_domain=InterPro:IPR000571
Pfam:PF00642;Ontology_term=GO:0046872
SM_V9_3 Liftoff exon    30802955        30803701        .       -
        .       Parent=Smp_002820.1
SM_V9_3 Liftoff exon    30804061        30804709        .       -
        .       Parent=Smp_002820.1
SM_V9_3 Liftoff exon    30808249        30808379        .       -
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        .       Parent=Smp_002820.1
SM_V9_3 Liftoff exon    30808417        30808650        .       -
        .       Parent=Smp_002820.1
SM_V9_3 Liftoff exon    30808686        30808802        .       -
        .       Parent=Smp_002820.1
SM_V9_3 Liftoff exon    30808840        30809074        .       -
        .       Parent=Smp_002820.1
SM_V9_3 Liftoff exon    30809110        30809643        .       -
        .       Parent=Smp_002820.1
SM_V9_3 Liftoff CDS     30803090        30803701        .       -
        0       Parent=Smp_002820.1
SM_V9_3 Liftoff CDS     30804061        30804709        .       -
        1       Parent=Smp_002820.1
SM_V9_3 Liftoff CDS     30808249        30808379        .       -
        0       Parent=Smp_002820.1
SM_V9_3 Liftoff CDS     30808417        30808650        .       -
        0       Parent=Smp_002820.1
SM_V9_3 Liftoff CDS     30808686        30808802        .       -
        0       Parent=Smp_002820.1
SM_V9_3 Liftoff CDS     30808840        30809074        .       -
        1       Parent=Smp_002820.1
SM_V9_3 Liftoff CDS     30809110        30809207        .       -
        0       Parent=Smp_002820.1
SM_V9_3 iris    gene    30821278        30840776        .       -
        .
ID=Smp_002840;geneID=Smp_002840;gene_name=Smp_002840;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-07-26
SM_V9_3 iris    mRNA    30821278        30840776        .       -
        .
ID=Smp_002840.1;Parent=Smp_002840;geneID=Smp_002840;gene_name=Smp_00
2840;owner=irisadmin@local.host;orig_id=Smp_002840.1;date_last_modif
ied=2022-09-05;Name=Smp_002840.1;product=UPF0489 protein C5orf22
homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    30821278        30821910        .       -
        .
Parent=Smp_002840.1;Name=a8b94826-7195-4dc1-9cec-72c1ed7a8880
SM_V9_3 iris    exon    30824539        30824750        .       -
        .       Parent=Smp_002840.1;Name=64b2b7b8-dacd-4f08-a7e0-
be4b3686da0d
SM_V9_3 iris    exon    30825968        30826485        .       -
        .       Parent=Smp_002840.1;Name=c723222a-ef3e-4c09-b053-
d7d883813356
SM_V9_3 iris    exon    30830158        30830554        .       -
        .       Parent=Smp_002840.1;Name=ef87d3b8-4120-4273-
b1f8-25c92c3bb6b8
SM_V9_3 iris    exon    30832730        30832964        .       -
        .
Parent=Smp_002840.1;Name=a1f73927-609f-4715-9832-77f97d7efefa
SM_V9_3 iris    exon    30835376        30835528        .       -
        .       Parent=Smp_002840.1;Name=4119f04c-cbae-4a9e-9500-
aa51c7158b3f
SM_V9_3 iris    exon    30835565        30835710        .       -
        .       Parent=Smp_002840.1;Name=4627d9c8-
cef7-4d47-9793-01e3dce7b5e2
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SM_V9_3 iris    exon    30835737        30835881        .       -
        .       Parent=Smp_002840.1;Name=935ffd7c-1333-4c89-
b2d0-590daeb6f573
SM_V9_3 iris    exon    30840651        30840776        .       -
        .       Parent=Smp_002840.1;Name=d2b09628-2f2e-4c0e-b117-
f2014bd32024
SM_V9_3 iris    CDS     30821745        30821910        .       -
        1       Parent=Smp_002840.1
SM_V9_3 iris    CDS     30824539        30824750        .       -
        0       Parent=Smp_002840.1
SM_V9_3 iris    CDS     30825968        30826485        .       -
        2       Parent=Smp_002840.1
SM_V9_3 iris    CDS     30830158        30830554        .       -
        0       Parent=Smp_002840.1
SM_V9_3 iris    CDS     30832730        30832964        .       -
        1       Parent=Smp_002840.1
SM_V9_3 iris    CDS     30835376        30835528        .       -
        1       Parent=Smp_002840.1
SM_V9_3 iris    CDS     30835565        30835710        .       -
        0       Parent=Smp_002840.1
SM_V9_3 iris    CDS     30835737        30835781        .       -
        0       Parent=Smp_002840.1
SM_V9_3 iris    gene    30846240        30860491        .       +
        .
ID=Smp_123670;geneID=Smp_123670;gene_name=Smp_123670;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    30846240        30860491        .       +
        .
ID=Smp_123670.1;Parent=Smp_123670;geneID=Smp_123670;gene_name=Smp_12
3670;owner=irisadmin@local.host;orig_id=Smp_123670.1;date_last_modif
ied=2022-09-05;Name=Smp_123670.1;product=Lysosomal acid
phosphatase;date_creation=2022-09-05
SM_V9_3 iris    exon    30846240        30846301        .       +
        .       Parent=Smp_123670.1;Name=cb972c5c-bedd-4e3c-bd27-
e4b5f670f8e8
SM_V9_3 iris    exon    30848669        30849187        .       +
        .       Parent=Smp_123670.1;Name=43356d32-e9ca-4a14-b355-
bf535beb2a62
SM_V9_3 iris    exon    30857338        30857616        .       +
        .       Parent=Smp_123670.1;Name=bfbaa912-
f5c8-4926-9399-8806847cbdf4
SM_V9_3 iris    exon    30859526        30860491        .       +
        .       Parent=Smp_123670.1;Name=bef6d454-ef9b-4fde-8344-
c737fd0d95ad
SM_V9_3 iris    CDS     30848708        30849187        .       +
        0       Parent=Smp_123670.1
SM_V9_3 iris    CDS     30857338        30857616        .       +
        0       Parent=Smp_123670.1
SM_V9_3 iris    CDS     30859526        30860137        .       +
        0       Parent=Smp_123670.1
SM_V9_3 iris    mRNA    30846240        30860491        .       +
        .
ID=Smp_123670.2;Parent=Smp_123670;geneID=Smp_123670;gene_name=Smp_12
3670;owner=irisadmin@local.host;date_last_modified=2022-09-05;Name=S
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mp_123670.2;date_creation=2022-09-05
SM_V9_3 iris    exon    30846240        30846301        .       +
        .       Parent=Smp_123670.2;Name=7abf220f-9afb-4de0-
b8e9-5c8423adf52a
SM_V9_3 iris    exon    30848424        30848625        .       +
        .
Parent=Smp_123670.2;Name=d1eb6daf-2f60-46bb-98c1-8184d8c85eb3
SM_V9_3 iris    exon    30848669        30849187        .       +
        .
Parent=Smp_123670.2;Name=086f4fc7-5a83-4003-8e71-1051369b9873
SM_V9_3 iris    exon    30857338        30857616        .       +
        .       Parent=Smp_123670.2;Name=9f9db3b2-b387-49cf-ad42-
b242ff34ab0f
SM_V9_3 iris    exon    30859526        30860491        .       +
        .       Parent=Smp_123670.2;Name=0edaa702-
d779-4380-8f19-3e351cb7424c
SM_V9_3 iris    CDS     30848708        30849187        .       +
        0       Parent=Smp_123670.2
SM_V9_3 iris    CDS     30857338        30857616        .       +
        0       Parent=Smp_123670.2
SM_V9_3 iris    CDS     30859526        30860137        .       +
        0       Parent=Smp_123670.2
SM_V9_3 Liftoff gene    30887272        30889607        .       +
        .       ID=Smp_002860;geneID=Smp_002860
SM_V9_3 Liftoff mRNA    30887272        30889607        .       +
        .
ID=Smp_002860.1;Parent=Smp_002860;geneID=Smp_002860;product=Sugar
fermentation stimulation protein A
SM_V9_3 Liftoff exon    30887272        30887493        .       +
        .       Parent=Smp_002860.1
SM_V9_3 Liftoff exon    30889365        30889607        .       +
        .       Parent=Smp_002860.1
SM_V9_3 Liftoff CDS     30887272        30887493        .       +
        0       Parent=Smp_002860.1
SM_V9_3 Liftoff CDS     30889365        30889607        .       +
        0       Parent=Smp_002860.1
SM_V9_3 Liftoff gene    30899327        30903433        .       +
        .       ID=Smp_002870;geneID=Smp_002870
SM_V9_3 Liftoff mRNA    30899327        30903433        .       +
        .
ID=Smp_002870.1;Parent=Smp_002870;geneID=Smp_002870;product=Transmem
brane protein 115;polypeptide_domain=InterPro:IPR013861,IPR022764
Pfam:PF08551;Ontology_term=GO:0004252,GO:0006890,GO:0016021
SM_V9_3 Liftoff exon    30899327        30900114        .       +
        .       Parent=Smp_002870.1
SM_V9_3 Liftoff exon    30900149        30900319        .       +
        .       Parent=Smp_002870.1
SM_V9_3 Liftoff exon    30902886        30903433        .       +
        .       Parent=Smp_002870.1
SM_V9_3 Liftoff CDS     30899432        30900114        .       +
        0       Parent=Smp_002870.1
SM_V9_3 Liftoff CDS     30900149        30900319        .       +
        1       Parent=Smp_002870.1
SM_V9_3 Liftoff CDS     30902886        30903066        .       +
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        1       Parent=Smp_002870.1
SM_V9_3 iris    gene    30909533        30913887        .       -
        .
ID=Smp_002880;geneID=Smp_002880;gene_name=Smp_002880;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    30909533        30913887        .       -
        .
ID=Smp_002880.1;Parent=Smp_002880;geneID=Smp_002880;gene_name=Smp_00
2880;owner=irisadmin@local.host;orig_id=Smp_002880.1;date_last_modif
ied=2022-09-07;Name=Smp_002880.1;product=ATP synthase subunit alpha,
mitochondrial;date_creation=2022-09-07
SM_V9_3 iris    exon    30909533        30909902        .       -
        .
Parent=Smp_002880.1;Name=d4570799-0180-40b4-9418-42c9b86c9480
SM_V9_3 iris    exon    30909940        30910723        .       -
        .
Parent=Smp_002880.1;Name=64e92f12-40d2-4675-9a39-1941ed719228
SM_V9_3 iris    exon    30910762        30911097        .       -
        .       Parent=Smp_002880.1;Name=54608862-1d4d-4cd1-aa0a-
a4215c377699
SM_V9_3 iris    exon    30911130        30911354        .       -
        .       Parent=Smp_002880.1;Name=9c933e6f-8ac3-4685-8278-
a3c722e902c4
SM_V9_3 iris    exon    30913758        30913887        .       -
        .       Parent=Smp_002880.1;Name=556fda0e-df87-4e96-a592-
ac8577c410ad
SM_V9_3 iris    CDS     30909664        30909902        .       -
        2       Parent=Smp_002880.1
SM_V9_3 iris    CDS     30909940        30910723        .       -
        0       Parent=Smp_002880.1
SM_V9_3 iris    CDS     30910762        30911097        .       -
        0       Parent=Smp_002880.1
SM_V9_3 iris    CDS     30911130        30911354        .       -
        0       Parent=Smp_002880.1
SM_V9_3 iris    CDS     30913758        30913817        .       -
        0       Parent=Smp_002880.1
SM_V9_3 Liftoff gene    30926837        30928311        .       +
        .       ID=Smp_212320;geneID=Smp_212320
SM_V9_3 Liftoff mRNA    30926837        30928311        .       +
        .
ID=Smp_212320.1;Parent=Smp_212320;geneID=Smp_212320;product=DNA-
directed RNA polymerase III subunit
RPC1;polypeptide_domain=InterPro:IPR000722,IPR006592,IPR007080
Pfam:PF00623,PF04997;Ontology_term=GO:0003677,GO:0003899,GO:0006351
SM_V9_3 Liftoff exon    30926837        30928311        .       +
        .       Parent=Smp_212320.1
SM_V9_3 Liftoff CDS     30926861        30928273        .       +
        0       Parent=Smp_212320.1
SM_V9_3 iris    gene    30930921        30969521        .       +
        .
ID=Smp_347390;geneID=Smp_347390;gene_name=Smp_347390;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    30930921        30969521        .       +
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ID=Smp_347390.1;Parent=Smp_347390;geneID=Smp_347390;gene_name=Smp_34
7390;owner=irisadmin@local.host;orig_id=Smp_347390.1;date_last_modif
ied=2022-09-07;Name=Smp_347390.1;product=Anoctamin-8;date_creation=2
022-09-07
SM_V9_3 iris    exon    30930921        30930976        .       +
        .       Parent=Smp_347390.1;Name=37541ad0-d8f0-4ad0-
a1e2-7103cafdba22
SM_V9_3 iris    exon    30931816        30931894        .       +
        .       Parent=Smp_347390.1;Name=36493cbb-cfdd-420c-84eb-
e10b0e40e802
SM_V9_3 iris    exon    30933649        30933907        .       +
        .       Parent=Smp_347390.1;Name=8a721eca-ae4c-4e40-
a361-8a09fca3f694
SM_V9_3 iris    exon    30939602        30939840        .       +
        .       Parent=Smp_347390.1;Name=d8e08096-f078-4b72-9ac7-
ee775a33c919
SM_V9_3 iris    exon    30943758        30943999        .       +
        .       Parent=Smp_347390.1;Name=2a9af23e-d47a-4e76-
a7cd-8f33a8462b84
SM_V9_3 iris    exon    30946348        30946509        .       +
        .
Parent=Smp_347390.1;Name=1306324a-2f78-44ae-93b9-25712e18f9cf
SM_V9_3 iris    exon    30949027        30949251        .       +
        .       Parent=Smp_347390.1;Name=c987bc12-798b-4733-
a137-8fe3d49b030f
SM_V9_3 iris    exon    30952016        30952144        .       +
        .       Parent=Smp_347390.1;Name=e9c6102f-e935-431c-bb55-
c0a3ab662fb1
SM_V9_3 iris    exon    30955356        30955430        .       +
        .       Parent=Smp_347390.1;Name=47370a95-
bf58-4213-906f-529e334c1ae6
SM_V9_3 iris    exon    30960834        30961212        .       +
        .       Parent=Smp_347390.1;Name=b5617274-a4db-4e54-
a3d2-9d32d7b97a43
SM_V9_3 iris    exon    30962120        30962175        .       +
        .       Parent=Smp_347390.1;Name=dc1fd985-54e7-4f3d-b234-
ed39adb3ca1a
SM_V9_3 iris    exon    30963796        30963993        .       +
        .       Parent=Smp_347390.1;Name=02335db1-faba-49aa-a7f8-
b8843b97fb1c
SM_V9_3 iris    exon    30965226        30965357        .       +
        .
Parent=Smp_347390.1;Name=e6c4320b-9ebb-4390-98ee-15c33b4c5651
SM_V9_3 iris    exon    30967770        30967880        .       +
        .
Parent=Smp_347390.1;Name=87d84c44-7118-43b3-990e-3573e0a3a25d
SM_V9_3 iris    exon    30969193        30969521        .       +
        .       Parent=Smp_347390.1;Name=0e16494d-1963-4e28-
a100-5f79747b9a26
SM_V9_3 iris    CDS     30931870        30931894        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30933649        30933907        .       +
        2       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30939602        30939840        .       +
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        1       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30943758        30943999        .       +
        2       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30946348        30946509        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30949027        30949251        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30952016        30952144        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30955356        30955430        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30960834        30961212        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30962120        30962175        .       +
        2       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30963796        30963993        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30965226        30965357        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30967770        30967880        .       +
        0       Parent=Smp_347390.1
SM_V9_3 iris    CDS     30969193        30969252        .       +
        0       Parent=Smp_347390.1
SM_V9_3 Liftoff gene    30977142        30980143        .       -
        .       ID=Smp_123690;geneID=Smp_123690
SM_V9_3 Liftoff mRNA    30977142        30980143        .       -
        .
ID=Smp_123690.1;Parent=Smp_123690;geneID=Smp_123690;product=tRNA-
splicing endonuclease subunit
Sen54;polypeptide_domain=InterPro:IPR024336 Pfam:PF12928
SM_V9_3 Liftoff exon    30977142        30978213        .       -
        .       Parent=Smp_123690.1
SM_V9_3 Liftoff exon    30978254        30980143        .       -
        .       Parent=Smp_123690.1
SM_V9_3 Liftoff CDS     30977215        30978213        .       -
        0       Parent=Smp_123690.1
SM_V9_3 Liftoff CDS     30978254        30978256        .       -
        0       Parent=Smp_123690.1
SM_V9_3 Liftoff gene    30988211        30992044        .       +
        .       ID=Smp_002920;geneID=Smp_002920
SM_V9_3 Liftoff mRNA    30988211        30992044        .       +
        .
ID=Smp_002920.1;Parent=Smp_002920;geneID=Smp_002920;product=TLC
domain-containing protein 2;polypeptide_domain=InterPro:IPR006634
Pfam:PF03798;Ontology_term=GO:0016021
SM_V9_3 Liftoff exon    30988211        30988457        .       +
        .       Parent=Smp_002920.1
SM_V9_3 Liftoff exon    30988492        30988574        .       +
        .       Parent=Smp_002920.1
SM_V9_3 Liftoff exon    30988606        30988688        .       +
        .       Parent=Smp_002920.1
SM_V9_3 Liftoff exon    30988719        30988890        .       +
        .       Parent=Smp_002920.1
SM_V9_3 Liftoff exon    30991141        30992044        .       +
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        .       Parent=Smp_002920.1
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        0       Parent=Smp_002920.1
SM_V9_3 Liftoff CDS     30988492        30988574        .       +
        1       Parent=Smp_002920.1
SM_V9_3 Liftoff CDS     30988606        30988688        .       +
        2       Parent=Smp_002920.1
SM_V9_3 Liftoff CDS     30988719        30988890        .       +
        0       Parent=Smp_002920.1
SM_V9_3 Liftoff CDS     30991141        30991424        .       +
        2       Parent=Smp_002920.1
SM_V9_3 iris    gene    31048717        31049309        .       +
        .
ID=Smp_337740;geneID=Smp_337740;gene_name=Smp_337740;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    31048717        31049309        .       +
        .
ID=Smp_337740.1;Parent=Smp_337740;geneID=Smp_337740;gene_name=Smp_33
7740;owner=irisadmin@local.host;orig_id=Smp_337740.1;date_last_modif
ied=2022-09-05;Name=Smp_337740.1;product=Histone H2A type
1;date_creation=2022-09-05
SM_V9_3 iris    exon    31048717        31049309        .       +
        .
Parent=Smp_337740.1;Name=c7be1c2b-3195-477e-9165-3531144fafe2
SM_V9_3 iris    CDS     31048737        31049114        .       +
        0       Parent=Smp_337740.1
SM_V9_3 iris    gene    31114059        31146132        .       +
        .
ID=Smp_341880;geneID=Smp_341880;gene_name=Smp_341880;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    31114059        31146132        .       +
        .
ID=Smp_341880.1;Parent=Smp_341880;geneID=Smp_341880;gene_name=Smp_34
1880;owner=irisadmin@local.host;orig_id=Smp_341880.1;date_last_modif
ied=2022-07-27;Name=Smp_341880.1;product=Carboxypeptidase N subunit
2;date_creation=2022-07-26
SM_V9_3 iris    exon    31114059        31116286        .       +
        .       Parent=Smp_341880.1;Name=12791016-
b4f5-4322-8b35-74ddb0a92322
SM_V9_3 iris    exon    31145853        31146132        .       +
        .
Parent=Smp_341880.1;Name=091bde0b-24fe-4dd7-8348-55d0ce42de42
SM_V9_3 iris    CDS     31114505        31116004        .       +
        0       Parent=Smp_341880.1
SM_V9_3 Liftoff gene    31271753        31276015        .       -
        .       ID=Smp_084520;geneID=Smp_084520
SM_V9_3 Liftoff mRNA    31271753        31276015        .       -
        .
ID=Smp_084520.1;Parent=Smp_084520;geneID=Smp_084520;product=SRR1-
like protein;polypeptide_domain=InterPro:IPR012942 Pfam:PF07985
SM_V9_3 Liftoff exon    31271753        31272647        .       -
        .       Parent=Smp_084520.1
SM_V9_3 Liftoff exon    31275451        31276015        .       -
        .       Parent=Smp_084520.1
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SM_V9_3 Liftoff CDS     31272123        31272647        .       -
        0       Parent=Smp_084520.1
SM_V9_3 Liftoff CDS     31275451        31275918        .       -
        0       Parent=Smp_084520.1
SM_V9_3 iris    gene    31293569        31390548        .       +
        .
ID=Smp_084540;geneID=Smp_084540;gene_name=Smp_084540;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    31293569        31390548        .       +
        .
ID=Smp_084540.1;Parent=Smp_084540;geneID=Smp_084540;gene_name=Smp_08
4540;owner=irisadmin@local.host;orig_id=Smp_084540.1;date_last_modif
ied=2022-07-27;Name=Smp_084540.1;product=Angiogenic factor with G
patch and FHA domains 1;date_creation=2022-07-26
SM_V9_3 iris    exon    31293569        31293620        .       +
        .       Parent=Smp_084540.1;Name=7c08c263-a16c-4cd0-8a14-
efe10f8a2f1a
SM_V9_3 iris    exon    31295490        31295734        .       +
        .       Parent=Smp_084540.1;Name=ec061a07-de3e-4e31-bc52-
b1627a651ce9
SM_V9_3 iris    exon    31295772        31295893        .       +
        .       Parent=Smp_084540.1;Name=529ab573-e3ea-4179-a824-
e816492b4a09
SM_V9_3 iris    exon    31295936        31296088        .       +
        .       Parent=Smp_084540.1;Name=02fb1265-c47b-40b4-
b4c6-3b5d38a5c6d0
SM_V9_3 iris    exon    31296401        31296758        .       +
        .       Parent=Smp_084540.1;Name=80a69554-efc9-4b54-
b967-01ff0de0fb7b
SM_V9_3 iris    exon    31324072        31324391        .       +
        .       Parent=Smp_084540.1;Name=c00b2941-b759-492a-b00e-
e04b7ecdaea5
SM_V9_3 iris    exon    31384869        31384970        .       +
        .       Parent=Smp_084540.1;Name=37f35968-47b2-4ccc-bfa2-
fcda2592c07b
SM_V9_3 iris    exon    31386507        31386711        .       +
        .       Parent=Smp_084540.1;Name=e693331b-
b600-4987-80f3-3d0eb876fa19
SM_V9_3 iris    exon    31387306        31387373        .       +
        .
Parent=Smp_084540.1;Name=35550ad8-547c-4915-8994-577e22a9936a
SM_V9_3 iris    exon    31388648        31388932        .       +
        .       Parent=Smp_084540.1;Name=d92487ee-b399-497e-85ad-
c6989c0f5a8c
SM_V9_3 iris    exon    31390281        31390548        .       +
        .       Parent=Smp_084540.1;Name=d529278d-cea3-419a-
b995-9f9d0ddaff3a
SM_V9_3 iris    CDS     31295503        31295734        .       +
        0       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31295772        31295893        .       +
        2       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31295936        31296088        .       +
        0       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31296401        31296758        .       +
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        0       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31324072        31324391        .       +
        2       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31384869        31384970        .       +
        0       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31386507        31386711        .       +
        0       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31387306        31387373        .       +
        2       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31388648        31388932        .       +
        0       Parent=Smp_084540.1
SM_V9_3 iris    CDS     31390281        31390430        .       +
        0       Parent=Smp_084540.1
SM_V9_3 Liftoff gene    31405779        31427773        .       +
        .       ID=Smp_165280;geneID=Smp_165280
SM_V9_3 Liftoff mRNA    31405779        31427773        .       +
        .
ID=Smp_165280.1;Parent=Smp_165280;geneID=Smp_165280;product=Transduc
in-like enhancer protein
3;polypeptide_domain=InterPro:IPR001680,IPR005617,IPR015943,IPR01798
6,IPR019775 Pfam:PF00400,PF03920;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    31405779        31405884        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31405950        31406047        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31406082        31406190        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31406224        31406286        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31406319        31406393        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31406433        31406516        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31406549        31406875        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31407561        31408031        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31408860        31408916        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31410159        31410219        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31411922        31412025        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31414786        31414832        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31419328        31419796        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31419891        31420039        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31420817        31420988        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31423494        31424024        .       +
        .       Parent=Smp_165280.1
SM_V9_3 Liftoff exon    31426044        31427773        .       +
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        .       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31405864        31405884        .       +
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SM_V9_3 Liftoff CDS     31405950        31406047        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31406082        31406190        .       +
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SM_V9_3 Liftoff CDS     31406224        31406286        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31406319        31406393        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31406433        31406516        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31406549        31406875        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31407561        31408031        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31408860        31408916        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31410159        31410219        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31411922        31412025        .       +
        2       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31414786        31414832        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31419328        31419796        .       +
        1       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31419891        31420039        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31420817        31420988        .       +
        1       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31423494        31424024        .       +
        0       Parent=Smp_165280.1
SM_V9_3 Liftoff CDS     31426044        31426163        .       +
        0       Parent=Smp_165280.1
SM_V9_3 iris    gene    31449792        31471462        .       -
        .
ID=Smp_197370;geneID=Smp_197370;gene_name=Smp_197370;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    31449792        31471462        .       -
        .
ID=Smp_197370.1;Parent=Smp_197370;geneID=Smp_197370;gene_name=Smp_19
7370;owner=irisadmin@local.host;orig_id=Smp_197370.1;date_last_modif
ied=2022-07-27;Name=Smp_197370.1;product=Collagen alpha-2(I)
chain;date_creation=2022-07-26
SM_V9_3 iris    exon    31449792        31450186        .       -
        .       Parent=Smp_197370.1;Name=8f1ad3e3-3164-4291-
a471-9e4a2ba91a6b
SM_V9_3 iris    exon    31451193        31451414        .       -
        .       Parent=Smp_197370.1;Name=0118736c-
d157-49e0-96d0-9aff7d8db4e2
SM_V9_3 iris    exon    31453305        31453480        .       -
        .       Parent=Smp_197370.1;Name=d1e1a604-4189-49a4-
b882-02d3751e9125
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SM_V9_3 iris    exon    31455947        31456841        .       -
        .
Parent=Smp_197370.1;Name=1dee2d24-2aaa-4d06-8830-94706a7d40b4
SM_V9_3 iris    exon    31460039        31460734        .       -
        .       Parent=Smp_197370.1;Name=7b76a7d7-deab-46e6-a35f-
dca3a08ee40f
SM_V9_3 iris    exon    31461730        31462143        .       -
        .       Parent=Smp_197370.1;Name=73ca8e54-8a32-4585-96c8-
be64a7423973
SM_V9_3 iris    exon    31462447        31462832        .       -
        .       Parent=Smp_197370.1;Name=91a3fa80-68fb-4507-
ba63-8effb3b38fd9
SM_V9_3 iris    exon    31462966        31463191        .       -
        .
Parent=Smp_197370.1;Name=3fbafa20-568b-4c36-9ffb-02a08f52f044
SM_V9_3 iris    exon    31464863        31465159        .       -
        .       Parent=Smp_197370.1;Name=20d04f4a-689b-4790-
b259-9b236199c57a
SM_V9_3 iris    exon    31467671        31468027        .       -
        .       Parent=Smp_197370.1;Name=5bf172c6-149c-4918-8bf9-
de32a15ff907
SM_V9_3 iris    exon    31468930        31468982        .       -
        .
Parent=Smp_197370.1;Name=f3e24e36-7b46-4424-9b13-4ca89a94fd72
SM_V9_3 iris    exon    31471181        31471462        .       -
        .       Parent=Smp_197370.1;Name=8fed6f92-a1a2-4596-
a29d-6337fd7ae338
SM_V9_3 iris    CDS     31450052        31450186        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31451193        31451414        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31453305        31453480        .       -
        2       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31455947        31456841        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31460039        31460734        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31461730        31462143        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31462447        31462832        .       -
        2       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31462966        31463191        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31464863        31465159        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31467671        31468027        .       -
        0       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31468930        31468982        .       -
        2       Parent=Smp_197370.1
SM_V9_3 iris    CDS     31471181        31471250        .       -
        0       Parent=Smp_197370.1
SM_V9_3 Liftoff gene    31476469        31520663        .       +
        .       ID=Smp_164590;geneID=Smp_164590
SM_V9_3 Liftoff mRNA    31476469        31520663        .       +
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ID=Smp_164590.1;Parent=Smp_164590;geneID=Smp_164590;product=Collagen
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chain;polypeptide_domain=InterPro:IPR000885,IPR001007,IPR008160
Pfam:PF01391,PF01410;Ontology_term=GO:0005201,GO:0005515
SM_V9_3 Liftoff exon    31476469        31481117        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31482193        31482206        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31484623        31484859        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31488250        31488351        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31490361        31490774        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31491877        31492533        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31493651        31493704        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31496366        31496725        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31498603        31499403        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31501872        31501979        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31502143        31502628        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31504167        31504238        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31504651        31504722        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31506766        31506849        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31509546        31509647        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31510553        31510685        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31512506        31512687        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31514987        31515190        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff exon    31520119        31520663        .       +
        .       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31480931        31481117        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31482193        31482206        .       +
        2       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31484623        31484859        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31488250        31488351        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31490361        31490774        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31491877        31492533        .       +
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SM_V9_3 Liftoff CDS     31493651        31493704        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31496366        31496725        .       +
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SM_V9_3 Liftoff CDS     31498603        31499403        .       +
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SM_V9_3 Liftoff CDS     31501872        31501979        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31502143        31502628        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31504167        31504238        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31504651        31504722        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31506766        31506849        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31509546        31509647        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31510553        31510685        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31512506        31512687        .       +
        2       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31514987        31515190        .       +
        0       Parent=Smp_164590.1
SM_V9_3 Liftoff CDS     31520119        31520472        .       +
        0       Parent=Smp_164590.1
SM_V9_3 iris    gene    31525017        31533025        .       -
        .
ID=Smp_078750;geneID=Smp_078750;gene_name=Smp_078750;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    31525017        31533025        .       -
        .
ID=Smp_078750.1;Parent=Smp_078750;geneID=Smp_078750;gene_name=Smp_07
8750;owner=irisadmin@local.host;orig_id=Smp_078750.1;date_last_modif
ied=2022-07-27;Name=Smp_078750.1;product=Tetraspanin-31;date_creatio
n=2022-07-27
SM_V9_3 iris    exon    31525017        31525869        .       -
        .       Parent=Smp_078750.1;Name=e783309c-317d-41f3-
b23f-7e924a1327ae
SM_V9_3 iris    exon    31527108        31527281        .       -
        .       Parent=Smp_078750.1;Name=4f318400-9454-4138-991f-
db7047a45d35
SM_V9_3 iris    exon    31531018        31531242        .       -
        .       Parent=Smp_078750.1;Name=ac72d725-67f4-47f3-8705-
a6cc51101fad
SM_V9_3 iris    exon    31532336        31532503        .       -
        .       Parent=Smp_078750.1;Name=de2f5208-1d25-41b5-ac20-
b277832a555c
SM_V9_3 iris    exon    31532546        31532715        .       -
        .
Parent=Smp_078750.1;Name=6350d270-9b30-42cc-82ac-5e1d34998bea
SM_V9_3 iris    exon    31532758        31532871        .       -
        .       Parent=Smp_078750.1;Name=9d865474-b687-40eb-a9a6-
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cf24d25f9ddd
SM_V9_3 iris    exon    31532915        31533025        .       -
        .       Parent=Smp_078750.1;Name=a9c547b7-b98d-44b2-8698-
fe577158a446
SM_V9_3 iris    CDS     31525795        31525869        .       -
        0       Parent=Smp_078750.1
SM_V9_3 iris    CDS     31527108        31527281        .       -
        0       Parent=Smp_078750.1
SM_V9_3 iris    CDS     31531018        31531242        .       -
        0       Parent=Smp_078750.1
SM_V9_3 iris    CDS     31532336        31532503        .       -
        0       Parent=Smp_078750.1
SM_V9_3 iris    CDS     31532546        31532605        .       -
        0       Parent=Smp_078750.1
SM_V9_3 iris    gene    31550332        31598747        .       +
        .
ID=Smp_345510;geneID=Smp_345510;gene_name=Smp_345510;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    31550332        31598747        .       +
        .
ID=Smp_345510.1;Parent=Smp_345510;geneID=Smp_345510;gene_name=Smp_34
5510;owner=irisadmin@local.host;orig_id=Smp_345510.1;date_last_modif
ied=2022-07-27;Name=Smp_345510.1;product=Rho GTPase-activating
protein 5;date_creation=2022-07-26
SM_V9_3 iris    exon    31550332        31551449        .       +
        .
Parent=Smp_345510.1;Name=fc939f7b-6779-4eea-8f1a-794e5fde6b1d
SM_V9_3 iris    exon    31552818        31553220        .       +
        .       Parent=Smp_345510.1;Name=1ae196b3-
c015-4733-848a-2290e528ce5a
SM_V9_3 iris    exon    31554437        31554944        .       +
        .       Parent=Smp_345510.1;Name=172b3574-cf6f-4176-
a2aa-6742549b0e81
SM_V9_3 iris    exon    31558464        31559224        .       +
        .       Parent=Smp_345510.1;Name=972133a0-d0cf-45ab-
bae7-54280fa26434
SM_V9_3 iris    exon    31561179        31562052        .       +
        .       Parent=Smp_345510.1;Name=4b0f3baf-9a27-4eef-
ae02-647ca5118f26
SM_V9_3 iris    exon    31567181        31567817        .       +
        .       Parent=Smp_345510.1;Name=2a8dec4f-
bee3-4e51-88d5-0ea01446b284
SM_V9_3 iris    exon    31576130        31576512        .       +
        .       Parent=Smp_345510.1;Name=fed2f880-7289-43c2-8d61-
cdfb5716a9cb
SM_V9_3 iris    exon    31578830        31578891        .       +
        .       Parent=Smp_345510.1;Name=7709a936-5e07-4d5f-b6a9-
e94410ce9053
SM_V9_3 iris    exon    31580711        31581305        .       +
        .       Parent=Smp_345510.1;Name=433bf1d9-fb3b-4805-9822-
e9f3d8ccd42e
SM_V9_3 iris    exon    31583055        31583620        .       +
        .       Parent=Smp_345510.1;Name=8a63e7aa-17fd-4dc0-
a1da-1bd9faa63188
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SM_V9_3 iris    exon    31584099        31584584        .       +
        .       Parent=Smp_345510.1;Name=4b271f60-23fc-4c11-
b546-728ef8791fd0
SM_V9_3 iris    exon    31586428        31586679        .       +
        .       Parent=Smp_345510.1;Name=4e5f1f13-6e4e-4f5b-ace0-
a5b2b88fee87
SM_V9_3 iris    exon    31595897        31596293        .       +
        .       Parent=Smp_345510.1;Name=7bb8ad34-3757-4dea-80c5-
e27d93648350
SM_V9_3 iris    exon    31597918        31598747        .       +
        .       Parent=Smp_345510.1;Name=070f12be-a70a-45a6-
a86f-37edd38e812f
SM_V9_3 iris    CDS     31550362        31551449        .       +
        0       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31552818        31553220        .       +
        1       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31554437        31554944        .       +
        0       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31558464        31559224        .       +
        2       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31561179        31562052        .       +
        0       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31567181        31567817        .       +
        2       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31576130        31576512        .       +
        1       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31578830        31578891        .       +
        2       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31580711        31581305        .       +
        0       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31583055        31583620        .       +
        2       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31584099        31584584        .       +
        0       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31586428        31586679        .       +
        0       Parent=Smp_345510.1
SM_V9_3 iris    CDS     31595897        31596055        .       +
        0       Parent=Smp_345510.1
SM_V9_3 Liftoff gene    31599858        31613168        .       -
        .       ID=Smp_078730;geneID=Smp_078730
SM_V9_3 Liftoff mRNA    31599858        31613168        .       -
        .
ID=Smp_078730.1;Parent=Smp_078730;geneID=Smp_078730;product=Dihydroo
rotate dehydrogenase (quinone),
mitochondrial;polypeptide_domain=InterPro:IPR001295,IPR005719,IPR005
720,IPR013785
Pfam:PF01180;Ontology_term=GO:0003824,GO:0004152,GO:0005737,GO:00062
07,GO:0016020,GO:0016627,GO:0055114
SM_V9_3 Liftoff exon    31599858        31600289        .       -
        .       Parent=Smp_078730.1
SM_V9_3 Liftoff exon    31601641        31601754        .       -
        .       Parent=Smp_078730.1
SM_V9_3 Liftoff exon    31604076        31604263        .       -
        .       Parent=Smp_078730.1
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SM_V9_3 Liftoff exon    31604654        31604718        .       -
        .       Parent=Smp_078730.1
SM_V9_3 Liftoff exon    31609581        31613168        .       -
        .       Parent=Smp_078730.1
SM_V9_3 Liftoff CDS     31599936        31600289        .       -
        0       Parent=Smp_078730.1
SM_V9_3 Liftoff CDS     31601641        31601754        .       -
        0       Parent=Smp_078730.1
SM_V9_3 Liftoff CDS     31604076        31604263        .       -
        2       Parent=Smp_078730.1
SM_V9_3 Liftoff CDS     31604654        31604718        .       -
        1       Parent=Smp_078730.1
SM_V9_3 Liftoff CDS     31609581        31609999        .       -
        0       Parent=Smp_078730.1
SM_V9_3 Liftoff gene    31629886        31633008        .       -
        .       ID=Smp_326390;geneID=Smp_326390
SM_V9_3 Liftoff mRNA    31629886        31633008        .       -
        .
ID=Smp_326390.1;Parent=Smp_326390;geneID=Smp_326390;product=Dynein
light chain;polypeptide_domain=InterPro:IPR001372,IPR019763
Pfam:PF01221;Ontology_term=GO:0005875,GO:0007017,GO:0030286
SM_V9_3 Liftoff exon    31629886        31630107        .       -
        .       Parent=Smp_326390.1
SM_V9_3 Liftoff exon    31632765        31633008        .       -
        .       Parent=Smp_326390.1
SM_V9_3 Liftoff CDS     31630029        31630107        .       -
        1       Parent=Smp_326390.1
SM_V9_3 Liftoff CDS     31632765        31632955        .       -
        0       Parent=Smp_326390.1
SM_V9_3 iris    gene    31641746        31647720        .       +
        .
ID=Smp_202130;geneID=Smp_202130;gene_name=Smp_202130;owner=irisadmin
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SM_V9_3 iris    mRNA    31641746        31647720        .       +
        .
ID=Smp_202130.1;Parent=Smp_202130;geneID=Smp_202130;gene_name=Smp_20
2130;owner=irisadmin@local.host;orig_id=Smp_202130.1;date_last_modif
ied=2022-07-27;Name=Smp_202130.1;product=Dynein light chain 1,
cytoplasmic;date_creation=2022-07-27
SM_V9_3 iris    exon    31641746        31642071        .       +
        .       Parent=Smp_202130.1;Name=03ae7d5d-bc5b-45ed-
a183-160deb801f67
SM_V9_3 iris    exon    31647307        31647720        .       +
        .       Parent=Smp_202130.1;Name=6bb6ef7b-4a20-47e6-
bb54-508964d10bdc
SM_V9_3 iris    CDS     31641881        31642071        .       +
        0       Parent=Smp_202130.1
SM_V9_3 iris    CDS     31647307        31647385        .       +
        1       Parent=Smp_202130.1
SM_V9_3 iris    gene    31655894        31676694        .       +
        .
ID=Smp_164560;geneID=Smp_164560;gene_name=Smp_164560;owner=irisadmin
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SM_V9_3 iris    mRNA    31655894        31676694        .       +
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4560;owner=irisadmin@local.host;orig_id=Smp_164560.1;date_last_modif
ied=2022-09-07;Name=Smp_164560.1;product=Enhancer of translation
termination 1;date_creation=2022-09-07
SM_V9_3 iris    exon    31655894        31656023        .       +
        .       Parent=Smp_164560.1;Name=be628a67-e1fb-4d62-
abf3-2b5551ce3eb9
SM_V9_3 iris    exon    31656058        31656153        .       +
        .
Parent=Smp_164560.1;Name=4c447636-99e1-4a3e-81c3-704e1e13be6c
SM_V9_3 iris    exon    31656186        31656261        .       +
        .       Parent=Smp_164560.1;Name=6e43a8e3-41d1-4bd5-9541-
a42605e76c21
SM_V9_3 iris    exon    31656291        31656535        .       +
        .       Parent=Smp_164560.1;Name=e4887394-d800-40b3-bd02-
c4d0b9cd2a82
SM_V9_3 iris    exon    31657434        31657544        .       +
        .
Parent=Smp_164560.1;Name=379e46b4-15c0-4b58-8953-6bc424ba9e91
SM_V9_3 iris    exon    31659624        31659714        .       +
        .
Parent=Smp_164560.1;Name=1147bc25-5739-46bd-8862-29395a42c387
SM_V9_3 iris    exon    31662012        31662191        .       +
        .       Parent=Smp_164560.1;Name=255b7597-
fae7-4a69-9c5a-477d7e08cfbf
SM_V9_3 iris    exon    31664267        31664307        .       +
        .
Parent=Smp_164560.1;Name=8b1308bf-92e6-4855-9612-7821babca389
SM_V9_3 iris    exon    31665041        31665313        .       +
        .
Parent=Smp_164560.1;Name=35a3ed83-7552-4823-9191-07c8f3b003ad
SM_V9_3 iris    exon    31666039        31666262        .       +
        .       Parent=Smp_164560.1;Name=fbd8dff4-b392-4aac-a18c-
a56bacef25f3
SM_V9_3 iris    exon    31667605        31667889        .       +
        .       Parent=Smp_164560.1;Name=2848c867-1c17-4bd6-
b5e8-1c0d31b958cd
SM_V9_3 iris    exon    31670001        31670177        .       +
        .       Parent=Smp_164560.1;Name=6fdf29ee-622e-4347-919f-
f66952576907
SM_V9_3 iris    exon    31675017        31675085        .       +
        .
Parent=Smp_164560.1;Name=9aafb6e3-281f-4d2d-8f27-690748cf751b
SM_V9_3 iris    exon    31676271        31676694        .       +
        .
Parent=Smp_164560.1;Name=e82fb163-5835-446a-8ed8-603b8d1916e9
SM_V9_3 iris    CDS     31655905        31656023        .       +
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SM_V9_3 iris    CDS     31656058        31656153        .       +
        1       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31656186        31656261        .       +
        1       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31656291        31656535        .       +
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        0       Parent=Smp_164560.1
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SM_V9_3 iris    CDS     31659624        31659714        .       +
        1       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31662012        31662191        .       +
        0       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31664267        31664307        .       +
        0       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31665041        31665313        .       +
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        1       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31667605        31667889        .       +
        2       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31670001        31670177        .       +
        2       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31675017        31675085        .       +
        2       Parent=Smp_164560.1
SM_V9_3 iris    CDS     31676271        31676320        .       +
        2       Parent=Smp_164560.1
SM_V9_3 iris    gene    31680828        31703271        .       -
        .
ID=Smp_213150;geneID=Smp_213150;gene_name=Smp_213150;owner=irisadmin
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SM_V9_3 iris    mRNA    31680828        31703271        .       -
        .
ID=Smp_213150.1;Parent=Smp_213150;geneID=Smp_213150;gene_name=Smp_21
3150;owner=irisadmin@local.host;orig_id=Smp_213150.1;date_last_modif
ied=2022-09-07;Name=Smp_213150.1;product=Ribonucleases P/MRP protein
subunit POP1;date_creation=2022-09-07
SM_V9_3 iris    exon    31680828        31681246        .       -
        .       Parent=Smp_213150.1;Name=d51b3526-f708-4b80-bdef-
e8e9e2d4b7ab
SM_V9_3 iris    exon    31684133        31684457        .       -
        .       Parent=Smp_213150.1;Name=2dd48e9e-80c3-4d20-b560-
ecd68a762fbe
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        .
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SM_V9_3 iris    exon    31686839        31687061        .       -
        .
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SM_V9_3 iris    exon    31691869        31692209        .       -
        .       Parent=Smp_213150.1;Name=73d64aef-231a-4aba-86a3-
f8894c82bbc6
SM_V9_3 iris    exon    31697879        31698137        .       -
        .       Parent=Smp_213150.1;Name=215ed603-c396-4d39-
ada3-5ee0ca42876a
SM_V9_3 iris    exon    31700477        31700724        .       -
        .       Parent=Smp_213150.1;Name=97dfbd1d-a1eb-4688-
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SM_V9_3 iris    exon    31702987        31703271        .       -
        .       Parent=Smp_213150.1;Name=07bd0440-9d7a-4e37-
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b4cc-2e6eed8ca9fb
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SM_V9_3 iris    CDS     31685289        31685635        .       -
        0       Parent=Smp_213150.1
SM_V9_3 iris    CDS     31686839        31687061        .       -
        1       Parent=Smp_213150.1
SM_V9_3 iris    CDS     31691869        31692209        .       -
        0       Parent=Smp_213150.1
SM_V9_3 iris    CDS     31697879        31698137        .       -
        1       Parent=Smp_213150.1
SM_V9_3 iris    CDS     31700477        31700724        .       -
        0       Parent=Smp_213150.1
SM_V9_3 iris    CDS     31702987        31703259        .       -
        0       Parent=Smp_213150.1
SM_V9_3 iris    gene    31708043        31738136        .       -
        .
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SM_V9_3 iris    mRNA    31708043        31738136        .       -
        .
ID=Smp_168160.1;Parent=Smp_168160;geneID=Smp_168160;gene_name=Smp_16
8160;owner=irisadmin@local.host;orig_id=Smp_168160.1;date_last_modif
ied=2022-09-07;Name=Smp_168160.1;product=Ubiquitin-protein ligase
E3A;date_creation=2022-09-07
SM_V9_3 iris    exon    31708043        31709453        .       -
        .       Parent=Smp_168160.1;Name=a2253eb8-9c0c-4728-a4e7-
c5a55448afe8
SM_V9_3 iris    exon    31711661        31711875        .       -
        .       Parent=Smp_168160.1;Name=a775d81f-f2f9-42d0-9bcc-
f14862885889
SM_V9_3 iris    exon    31712563        31712718        .       -
        .       Parent=Smp_168160.1;Name=75f524d8-291a-497f-bf5b-
c1a8764480b1
SM_V9_3 iris    exon    31714839        31715006        .       -
        .       Parent=Smp_168160.1;Name=a1e4a103-6b8a-4d58-
a19b-565361d614cc
SM_V9_3 iris    exon    31716522        31716730        .       -
        .       Parent=Smp_168160.1;Name=08fc8f31-1a83-439e-
a1f3-19f68722ee8a
SM_V9_3 iris    exon    31718115        31718259        .       -
        .       Parent=Smp_168160.1;Name=dfd2b0c3-8b40-4c30-
b1ea-4839b7f98572
SM_V9_3 iris    exon    31720313        31720555        .       -
        .       Parent=Smp_168160.1;Name=aeb2a272-064f-441b-
b1fd-39f1ea1ff1d4
SM_V9_3 iris    exon    31722609        31722746        .       -
        .
Parent=Smp_168160.1;Name=1a0713fd-7e22-4ed4-9906-5c4567d4793e
SM_V9_3 iris    exon    31726102        31726467        .       -
        .       Parent=Smp_168160.1;Name=61afd6b0-41fa-4e85-
b12a-97495f6a335d
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SM_V9_3 iris    exon    31730558        31730892        .       -
        .
Parent=Smp_168160.1;Name=f9ab7014-4ca0-476b-88d3-70afab87db89
SM_V9_3 iris    exon    31734568        31735044        .       -
        .       Parent=Smp_168160.1;Name=355e9a96-
ae38-4f3e-9d1f-00f70911501a
SM_V9_3 iris    exon    31735204        31735504        .       -
        .       Parent=Smp_168160.1;Name=53e72af1-a488-4e9f-84ef-
f102cf94888b
SM_V9_3 iris    exon    31735540        31735849        .       -
        .
Parent=Smp_168160.1;Name=742acf74-9e08-41aa-8ec7-953ffea9738a
SM_V9_3 iris    exon    31738091        31738136        .       -
        .       Parent=Smp_168160.1;Name=5bbe1533-7b13-4929-b5ca-
ec9352a26834
SM_V9_3 iris    CDS     31709333        31709453        .       -
        1       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31711661        31711875        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31712563        31712718        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31714839        31715006        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31716522        31716730        .       -
        2       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31718115        31718259        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31720313        31720555        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31722609        31722746        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31726102        31726467        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31730558        31730892        .       -
        2       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31734568        31735044        .       -
        2       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31735204        31735504        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31735540        31735849        .       -
        1       Parent=Smp_168160.1
SM_V9_3 iris    CDS     31738091        31738092        .       -
        0       Parent=Smp_168160.1
SM_V9_3 iris    gene    31756722        31794037        .       +
        .
ID=Smp_084830;geneID=Smp_084830;gene_name=Smp_084830;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    31756722        31794037        .       +
        .
ID=Smp_084830.1;Parent=Smp_084830;geneID=Smp_084830;gene_name=Smp_08
4830;owner=irisadmin@local.host;orig_id=Smp_084830.1;date_last_modif
ied=2022-07-27;Name=Smp_084830.1;product=UDP-glucose 6-
dehydrogenase;date_creation=2022-07-26
SM_V9_3 iris    exon    31756722        31756796        .       +
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        .       Parent=Smp_084830.1;Name=1923a7a9-d37c-4004-900d-
cee6c0ad0089
SM_V9_3 iris    exon    31758855        31759015        .       +
        .       Parent=Smp_084830.1;Name=90e10096-24de-4442-
aca8-5893cc260b32
SM_V9_3 iris    exon    31767631        31767768        .       +
        .
Parent=Smp_084830.1;Name=ada36790-683b-4221-80a7-5d9599375240
SM_V9_3 iris    exon    31774292        31774486        .       +
        .       Parent=Smp_084830.1;Name=1635d1d6-906d-4d83-8781-
e9e2fd51179f
SM_V9_3 iris    exon    31780448        31780663        .       +
        .       Parent=Smp_084830.1;Name=f2835337-42b9-4394-a63d-
b21922f1a644
SM_V9_3 iris    exon    31781452        31781640        .       +
        .
Parent=Smp_084830.1;Name=0c1a272c-8f32-45bf-89c3-33fa6ec79ab5
SM_V9_3 iris    exon    31784731        31784915        .       +
        .       Parent=Smp_084830.1;Name=71f7a2e1-2e3b-4024-
a866-7e37a5c2dfa2
SM_V9_3 iris    exon    31786074        31786201        .       +
        .       Parent=Smp_084830.1;Name=fb3f82f2-4c48-46fd-
b337-28659f84f425
SM_V9_3 iris    exon    31789648        31789739        .       +
        .
Parent=Smp_084830.1;Name=87c72bc3-9854-4f89-94d0-635ef5624e4c
SM_V9_3 iris    exon    31792352        31794037        .       +
        .       Parent=Smp_084830.1;Name=a5fd17cf-e965-49e7-b911-
ee1aa12158c9
SM_V9_3 iris    CDS     31758860        31759015        .       +
        0       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31767631        31767768        .       +
        0       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31774292        31774486        .       +
        0       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31780448        31780663        .       +
        0       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31781452        31781640        .       +
        0       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31784731        31784915        .       +
        0       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31786074        31786201        .       +
        1       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31789648        31789739        .       +
        2       Parent=Smp_084830.1
SM_V9_3 iris    CDS     31792352        31792513        .       +
        0       Parent=Smp_084830.1
SM_V9_3 iris    gene    31891258        31913479        .       +
        .
ID=Smp_197480;geneID=Smp_197480;gene_name=Smp_197480;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    31891258        31913479        .       +
        .
ID=Smp_197480.1;Parent=Smp_197480;geneID=Smp_197480;gene_name=Smp_19
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7480;owner=irisadmin@local.host;orig_id=Smp_197480.2;date_last_modif
ied=2022-09-07;Name=Smp_197480.1;product=Protein
ABHD18;date_creation=2022-07-26
SM_V9_3 iris    exon    31891258        31891423        .       +
        .       Parent=Smp_197480.1;Name=7638793a-86ac-4662-
b019-2c525ef8228e
SM_V9_3 iris    exon    31891459        31891540        .       +
        .       Parent=Smp_197480.1;Name=a54e0e5c-d070-417d-
a657-3a2f0c0a7c43
SM_V9_3 iris    exon    31891571        31891671        .       +
        .
Parent=Smp_197480.1;Name=464f67a6-683c-409e-84e0-05b5ec4d24e4
SM_V9_3 iris    exon    31891704        31891782        .       +
        .       Parent=Smp_197480.1;Name=5fea6898-
f8b3-40b2-9e8f-567252320700
SM_V9_3 iris    exon    31891818        31891927        .       +
        .       Parent=Smp_197480.1;Name=b285b462-7f73-4096-
ae3a-129fd3f459a7
SM_V9_3 iris    exon    31894556        31894694        .       +
        .       Parent=Smp_197480.1;Name=a8e24da5-f8ed-409b-
aab5-5d6f4f7e6c0b
SM_V9_3 iris    exon    31902766        31902855        .       +
        .       Parent=Smp_197480.1;Name=e837458f-3d66-41e8-
a738-8bf6f8afd86f
SM_V9_3 iris    exon    31905187        31905334        .       +
        .       Parent=Smp_197480.1;Name=69bb3174-1825-46bc-b414-
fbe9d2b43de6
SM_V9_3 iris    exon    31910159        31910444        .       +
        .       Parent=Smp_197480.1;Name=889f01fe-c031-45b4-909a-
a4a83f568c4b
SM_V9_3 iris    exon    31911777        31912169        .       +
        .
Parent=Smp_197480.1;Name=6477b9c7-2cb9-4dc6-844e-2e7e506dd8b0
SM_V9_3 iris    exon    31913138        31913479        .       +
        .       Parent=Smp_197480.1;Name=3d90e538-9467-4241-
ace1-83134018d7cf
SM_V9_3 iris    CDS     31891338        31891423        .       +
        0       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31891459        31891540        .       +
        1       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31891571        31891671        .       +
        0       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31891704        31891782        .       +
        1       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31891818        31891927        .       +
        0       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31894556        31894694        .       +
        1       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31902766        31902855        .       +
        0       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31905187        31905334        .       +
        0       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31910159        31910444        .       +
        2       Parent=Smp_197480.1
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SM_V9_3 iris    CDS     31911777        31912169        .       +
        1       Parent=Smp_197480.1
SM_V9_3 iris    CDS     31913138        31913249        .       +
        1       Parent=Smp_197480.1
SM_V9_3 Liftoff gene    31944667        31945354        .       +
        .       ID=Smp_165180;geneID=Smp_165180
SM_V9_3 Liftoff mRNA    31944667        31945354        .       +
        .
ID=Smp_165180.1;Parent=Smp_165180;geneID=Smp_165180;product=Acetylgl
utamate kinase
SM_V9_3 Liftoff exon    31944667        31945354        .       +
        .       Parent=Smp_165180.1
SM_V9_3 Liftoff CDS     31944781        31945146        .       +
        0       Parent=Smp_165180.1
SM_V9_3 iris    gene    31945972        31951030        .       +
        .
ID=Smp_079840;geneID=Smp_079840;gene_name=Smp_079840;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    31945972        31951030        .       +
        .
ID=Smp_079840.1;Parent=Smp_079840;geneID=Smp_079840;gene_name=Smp_07
9840;owner=irisadmin@local.host;orig_id=Smp_079840.1;date_last_modif
ied=2022-07-27;Name=Smp_079840.1;product=Uroporphyrinogen-III
synthase;date_creation=2022-07-26
SM_V9_3 iris    exon    31945972        31946011        .       +
        .       Parent=Smp_079840.1;Name=9161e660-1aa1-499e-
b74c-1c4035c9cfc0
SM_V9_3 iris    exon    31946981        31947071        .       +
        .       Parent=Smp_079840.1;Name=f0c889b1-d5bb-4018-ac27-
cfe0e27c9d1c
SM_V9_3 iris    exon    31947118        31947280        .       +
        .
Parent=Smp_079840.1;Name=1d6ec26f-7160-4d38-81bc-2bf947182053
SM_V9_3 iris    exon    31947322        31947372        .       +
        .       Parent=Smp_079840.1;Name=17f59bd5-
dac8-4bf9-9c2c-7fececfb8f31
SM_V9_3 iris    exon    31947424        31947510        .       +
        .
Parent=Smp_079840.1;Name=b62fe244-324e-410e-8625-80bc41206c99
SM_V9_3 iris    exon    31947569        31947643        .       +
        .       Parent=Smp_079840.1;Name=01f2bc14-
ff77-43da-892c-7f918b4c77db
SM_V9_3 iris    exon    31947680        31947759        .       +
        .       Parent=Smp_079840.1;Name=edaca0df-248a-44da-
a235-1d3e11721b23
SM_V9_3 iris    exon    31948679        31948786        .       +
        .       Parent=Smp_079840.1;Name=720ca701-4e99-44ae-
b357-3e67a20312db
SM_V9_3 iris    exon    31950525        31951030        .       +
        .       Parent=Smp_079840.1;Name=d0dc387d-
da8b-48a3-8c46-70c2bad66985
SM_V9_3 iris    CDS     31947003        31947071        .       +
        0       Parent=Smp_079840.1
SM_V9_3 iris    CDS     31947118        31947280        .       +
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        0       Parent=Smp_079840.1
SM_V9_3 iris    CDS     31947322        31947372        .       +
        2       Parent=Smp_079840.1
SM_V9_3 iris    CDS     31947424        31947510        .       +
        2       Parent=Smp_079840.1
SM_V9_3 iris    CDS     31947569        31947643        .       +
        2       Parent=Smp_079840.1
SM_V9_3 iris    CDS     31947680        31947759        .       +
        2       Parent=Smp_079840.1
SM_V9_3 iris    CDS     31948679        31948786        .       +
        0       Parent=Smp_079840.1
SM_V9_3 iris    CDS     31950525        31950644        .       +
        0       Parent=Smp_079840.1
SM_V9_3 iris    gene    31957859        32016621        .       -
        .
ID=Smp_165170;geneID=Smp_165170;gene_name=Smp_165170;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    31957859        32016621        .       -
        .
ID=Smp_165170.1;Parent=Smp_165170;geneID=Smp_165170;gene_name=Smp_16
5170;owner=irisadmin@local.host;orig_id=Smp_165170.1;date_last_modif
ied=2022-09-07;Name=Smp_165170.1;product=Transient receptor
potential cation channel subfamily M member
3;date_creation=2022-09-07
SM_V9_3 iris    exon    31957859        31958243        .       -
        .       Parent=Smp_165170.1;Name=d2baa891-
b992-4cd8-850d-8bef634a0b40
SM_V9_3 iris    exon    31960274        31960555        .       -
        .       Parent=Smp_165170.1;Name=6cd41aa4-4fa4-43d1-b1bf-
b07e901179f0
SM_V9_3 iris    exon    31963319        31963500        .       -
        .       Parent=Smp_165170.1;Name=6c2f6f3f-550a-4f82-
bfdf-63d47ec5b1b2
SM_V9_3 iris    exon    31966656        31966794        .       -
        .       Parent=Smp_165170.1;Name=63ad553a-a8bb-40ce-8463-
bfded5fcf54b
SM_V9_3 iris    exon    31969339        31969599        .       -
        .       Parent=Smp_165170.1;Name=947ad5fd-c11b-462a-a89c-
dcead074fdcf
SM_V9_3 iris    exon    31972570        31972729        .       -
        .       Parent=Smp_165170.1;Name=379c20bc-4a8f-4904-901e-
aa46a7d4a00d
SM_V9_3 iris    exon    31974955        31975086        .       -
        .       Parent=Smp_165170.1;Name=e2db26ac-e472-4c34-
b300-8b79edb14fb8
SM_V9_3 iris    exon    31979537        31979950        .       -
        .       Parent=Smp_165170.1;Name=e60f953f-8662-440a-849c-
ff0a4dfc91ea
SM_V9_3 iris    exon    31980795        31981025        .       -
        .       Parent=Smp_165170.1;Name=ef515861-9359-49a9-beec-
bd04f7dff8a1
SM_V9_3 iris    exon    31987766        31987822        .       -
        .       Parent=Smp_165170.1;Name=0830e920-
a892-468c-8117-7a970b6ac585
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SM_V9_3 iris    exon    31989472        31989800        .       -
        .       Parent=Smp_165170.1;Name=86808232-4dc2-4fe5-99e8-
c2a62e3bc02d
SM_V9_3 iris    exon    31991317        31991615        .       -
        .       Parent=Smp_165170.1;Name=14218bae-ec5b-45d3-
a1d5-0cc0380feb5c
SM_V9_3 iris    exon    31994024        31994192        .       -
        .       Parent=Smp_165170.1;Name=64c808f0-b211-4137-
ae41-8a21b9e2d34e
SM_V9_3 iris    exon    31996154        31996337        .       -
        .       Parent=Smp_165170.1;Name=a026c4a9-60ed-461b-bd9e-
e4d17b4e4cac
SM_V9_3 iris    exon    31998879        31999076        .       -
        .
Parent=Smp_165170.1;Name=6c5f9a73-3c30-4e89-87f8-5cd5572f0b3a
SM_V9_3 iris    exon    32003529        32003690        .       -
        .       Parent=Smp_165170.1;Name=2ab7795a-
b006-4988-904f-833326cc51a8
SM_V9_3 iris    exon    32006317        32006444        .       -
        .       Parent=Smp_165170.1;Name=019a418b-1802-47b6-
ae46-05fc21758e01
SM_V9_3 iris    exon    32006484        32006521        .       -
        .       Parent=Smp_165170.1;Name=9af75d31-85bb-45f5-b86e-
bd2ba256d57f
SM_V9_3 iris    exon    32006556        32006653        .       -
        .       Parent=Smp_165170.1;Name=3ce364ac-f4d0-44c6-b003-
ce678df79d51
SM_V9_3 iris    exon    32006697        32006767        .       -
        .       Parent=Smp_165170.1;Name=67979e1c-7774-4589-83c8-
b3c6f32ffee9
SM_V9_3 iris    exon    32016512        32016621        .       -
        .       Parent=Smp_165170.1;Name=580b5362-3f16-48ca-9957-
bdfe952b7e29
SM_V9_3 iris    CDS     31960308        31960555        .       -
        2       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31963319        31963500        .       -
        1       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31966656        31966794        .       -
        2       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31969339        31969599        .       -
        2       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31972570        31972729        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31974955        31975086        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31979537        31979950        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31980795        31981025        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31987766        31987822        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31989472        31989800        .       -
        2       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31991317        31991615        .       -
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        1       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31994024        31994192        .       -
        2       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31996154        31996337        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     31998879        31999076        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     32003529        32003690        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     32006317        32006444        .       -
        2       Parent=Smp_165170.1
SM_V9_3 iris    CDS     32006484        32006521        .       -
        1       Parent=Smp_165170.1
SM_V9_3 iris    CDS     32006556        32006653        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    CDS     32006697        32006767        .       -
        2       Parent=Smp_165170.1
SM_V9_3 iris    CDS     32016512        32016572        .       -
        0       Parent=Smp_165170.1
SM_V9_3 iris    gene    32027505        32032960        .       +
        .
ID=Smp_079810;geneID=Smp_079810;gene_name=Smp_079810;owner=irisadmin
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SM_V9_3 iris    mRNA    32027505        32032960        .       +
        .
ID=Smp_079810.1;Parent=Smp_079810;geneID=Smp_079810;gene_name=Smp_07
9810;owner=irisadmin@local.host;orig_id=Smp_079810.1;date_last_modif
ied=2022-07-27;Name=Smp_079810.1;product=Probable peptide chain
release factor C12orf65 homolog,
mitochondrial;date_creation=2022-07-27
SM_V9_3 iris    exon    32027505        32027586        .       +
        .       Parent=Smp_079810.1;Name=6c117d04-7e7c-4f15-
b920-1bf0bda280ad
SM_V9_3 iris    exon    32029924        32030164        .       +
        .       Parent=Smp_079810.1;Name=5005fc2e-8606-4468-
ba79-5615703ecb6a
SM_V9_3 iris    exon    32032222        32032960        .       +
        .       Parent=Smp_079810.1;Name=17161126-2787-4486-81ee-
db9f30a233e5
SM_V9_3 iris    CDS     32029952        32030164        .       +
        0       Parent=Smp_079810.1
SM_V9_3 iris    CDS     32032222        32032476        .       +
        0       Parent=Smp_079810.1
SM_V9_3 iris    gene    32035411        32070781        .       -
        .
ID=Smp_079800;geneID=Smp_079800;gene_name=Smp_079800;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    32035411        32070781        .       -
        .
ID=Smp_079800.1;Parent=Smp_079800;geneID=Smp_079800;gene_name=Smp_07
9800;owner=irisadmin@local.host;orig_id=Smp_079800.1;date_last_modif
ied=2022-07-27;Name=Smp_079800.1;product=TBC1 domain family member
14;date_creation=2022-07-26
SM_V9_3 iris    exon    32035411        32036479        .       -
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        .       Parent=Smp_079800.1;Name=43f16bfb-4856-4763-a129-
c4f8710025e5
SM_V9_3 iris    exon    32043087        32043279        .       -
        .       Parent=Smp_079800.1;Name=9317090f-56a1-438c-
b855-6d539f5e3e1b
SM_V9_3 iris    exon    32049180        32049307        .       -
        .
Parent=Smp_079800.1;Name=6601d3fa-5ed5-4b62-8f4a-1c642c07a856
SM_V9_3 iris    exon    32050919        32051196        .       -
        .       Parent=Smp_079800.1;Name=55c1409e-cdf0-46b8-
a63e-6f693fc1c0e8
SM_V9_3 iris    exon    32053501        32053909        .       -
        .
Parent=Smp_079800.1;Name=98a3f09a-8048-4515-8f58-6b4d4a865ad4
SM_V9_3 iris    exon    32057310        32057485        .       -
        .       Parent=Smp_079800.1;Name=f9507c04-171d-4757-
a616-248f55a11b50
SM_V9_3 iris    exon    32063203        32063285        .       -
        .       Parent=Smp_079800.1;Name=5d40bed2-5423-4ec5-
b900-8990d1f50fbb
SM_V9_3 iris    exon    32064518        32064649        .       -
        .       Parent=Smp_079800.1;Name=f01ebc1e-79b8-4ea3-abdd-
f8016b61d142
SM_V9_3 iris    exon    32068821        32068927        .       -
        .       Parent=Smp_079800.1;Name=78acd4b1-635d-4bb5-95fb-
c3122627c7f8
SM_V9_3 iris    exon    32070736        32070781        .       -
        .       Parent=Smp_079800.1;Name=63dad764-9711-4a1f-b474-
b9acc7953d4d
SM_V9_3 iris    CDS     32035835        32036479        .       -
        0       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32043087        32043279        .       -
        1       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32049180        32049307        .       -
        0       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32050919        32051196        .       -
        2       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32053501        32053909        .       -
        0       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32057310        32057485        .       -
        2       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32063203        32063285        .       -
        1       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32064518        32064649        .       -
        1       Parent=Smp_079800.1
SM_V9_3 iris    CDS     32068821        32068909        .       -
        0       Parent=Smp_079800.1
SM_V9_3 iris    gene    32074225        32099110        .       +
        .
ID=Smp_165150;geneID=Smp_165150;gene_name=Smp_165150;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    32074225        32099110        .       +
        .
ID=Smp_165150.1;Parent=Smp_165150;geneID=Smp_165150;gene_name=Smp_16
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5150;owner=irisadmin@local.host;orig_id=Smp_165150.2;date_last_modif
ied=2022-07-27;Name=Smp_165150.1;product=Serine/threonine-protein
phosphatase 6 regulatory ankyrin repeat subunit
C;date_creation=2022-07-26
SM_V9_3 iris    exon    32074225        32074929        .       +
        .       Parent=Smp_165150.1;Name=e2c3c8af-
f327-41c1-8f79-09968e68b3f2
SM_V9_3 iris    exon    32074973        32075051        .       +
        .
Parent=Smp_165150.1;Name=e8399429-6818-4ec3-8d97-80c71970f046
SM_V9_3 iris    exon    32075089        32075178        .       +
        .       Parent=Smp_165150.1;Name=d818f289-3fad-462c-9782-
a62d39c22844
SM_V9_3 iris    exon    32077235        32077359        .       +
        .
Parent=Smp_165150.1;Name=fea31cf5-66c4-4f51-99e0-6beb887e4963
SM_V9_3 iris    exon    32082516        32082626        .       +
        .       Parent=Smp_165150.1;Name=d7b6cb03-e17a-4baa-
aa40-96958bfe6274
SM_V9_3 iris    exon    32082818        32082925        .       +
        .       Parent=Smp_165150.1;Name=517ee9e1-96f5-44fe-9788-
f64faa764cd0
SM_V9_3 iris    exon    32084638        32084713        .       +
        .       Parent=Smp_165150.1;Name=6f3beebe-8ccc-40da-ae84-
af42e8149a7a
SM_V9_3 iris    exon    32089504        32089650        .       +
        .       Parent=Smp_165150.1;Name=2389647a-5fbd-4947-
b982-3f81d1229261
SM_V9_3 iris    exon    32091472        32091674        .       +
        .       Parent=Smp_165150.1;Name=b4f15c83-8f3a-4556-
a097-46471fea7a15
SM_V9_3 iris    exon    32093084        32093353        .       +
        .       Parent=Smp_165150.1;Name=01208d9a-f190-4a7d-afcc-
ae4fede8bf99
SM_V9_3 iris    exon    32094147        32094504        .       +
        .       Parent=Smp_165150.1;Name=f9aa8764-90c7-4e09-9ec3-
eb3b65873384
SM_V9_3 iris    exon    32097358        32097559        .       +
        .       Parent=Smp_165150.1;Name=78745c33-cf4e-49b3-8f59-
db2a2baebac3
SM_V9_3 iris    exon    32098735        32099110        .       +
        .       Parent=Smp_165150.1;Name=56e1cf01-cada-4273-
a91e-01863c26bfe8
SM_V9_3 iris    CDS     32074777        32074929        .       +
        0       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32074973        32075051        .       +
        0       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32075089        32075178        .       +
        2       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32077235        32077359        .       +
        2       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32082516        32082626        .       +
        0       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32082818        32082925        .       +
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        0       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32084638        32084713        .       +
        0       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32089504        32089650        .       +
        2       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32091472        32091674        .       +
        2       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32093084        32093353        .       +
        0       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32094147        32094504        .       +
        0       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32097358        32097559        .       +
        2       Parent=Smp_165150.1
SM_V9_3 iris    CDS     32098735        32098951        .       +
        1       Parent=Smp_165150.1
SM_V9_3 Liftoff gene    32109215        32111070        .       +
        .
ID=Smp_079770;geneID=Smp_079770;previous_systematic_id=Smp_165140
SM_V9_3 Liftoff mRNA    32109215        32111070        .       +
        .
ID=Smp_079770.1;Parent=Smp_079770;geneID=Smp_079770;product=Probable
protein disulfide-isomerase ER-60;evidence=Traceable Author
Statement;literature=PMID:8078516;polypeptide_domain=InterPro:IPR005
788,IPR005792,IPR012336,IPR013766,IPR017937
Pfam:PF00085,PF13848;Ontology_term=GO:0005783,GO:0016853,GO:0045454
SM_V9_3 Liftoff exon    32109215        32109416        .       +
        .       Parent=Smp_079770.1
SM_V9_3 Liftoff exon    32109457        32109662        .       +
        .       Parent=Smp_079770.1
SM_V9_3 Liftoff exon    32109695        32109923        .       +
        .       Parent=Smp_079770.1
SM_V9_3 Liftoff exon    32109958        32110071        .       +
        .       Parent=Smp_079770.1
SM_V9_3 Liftoff exon    32110106        32110402        .       +
        .       Parent=Smp_079770.1
SM_V9_3 Liftoff exon    32110437        32110806        .       +
        .       Parent=Smp_079770.1
SM_V9_3 Liftoff exon    32110841        32111070        .       +
        .       Parent=Smp_079770.1
SM_V9_3 Liftoff CDS     32109283        32109416        .       +
        0       Parent=Smp_079770.1
SM_V9_3 Liftoff CDS     32109457        32109662        .       +
        1       Parent=Smp_079770.1
SM_V9_3 Liftoff CDS     32109695        32109923        .       +
        2       Parent=Smp_079770.1
SM_V9_3 Liftoff CDS     32109958        32110071        .       +
        1       Parent=Smp_079770.1
SM_V9_3 Liftoff CDS     32110106        32110402        .       +
        1       Parent=Smp_079770.1
SM_V9_3 Liftoff CDS     32110437        32110806        .       +
        1       Parent=Smp_079770.1
SM_V9_3 Liftoff CDS     32110841        32110945        .       +
        0       Parent=Smp_079770.1
SM_V9_3 iris    gene    32113322        32143263        .       -
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ID=Smp_079760;geneID=Smp_079760;gene_name=Smp_079760;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    32113322        32143263        .       -
        .
ID=Smp_079760.1;Parent=Smp_079760;geneID=Smp_079760;gene_name=Smp_07
9760;owner=irisadmin@local.host;orig_id=Smp_079760.1;date_last_modif
ied=2022-09-05;Name=Smp_079760.1;product=Integrin-linked protein
kinase homolog pat-4;date_creation=2022-09-05
SM_V9_3 iris    exon    32113322        32114170        .       -
        .       Parent=Smp_079760.1;Name=e5eb02c0-58b0-4266-8182-
e236de7906e6
SM_V9_3 iris    exon    32121081        32121211        .       -
        .       Parent=Smp_079760.1;Name=2d02b23f-eb10-4695-8129-
b71507e44797
SM_V9_3 iris    exon    32122608        32122791        .       -
        .       Parent=Smp_079760.1;Name=c4cf4a7a-fdaf-41e6-
be70-6e1111ca7bc1
SM_V9_3 iris    exon    32129250        32129546        .       -
        .       Parent=Smp_079760.1;Name=af6d69b1-b586-4026-
bae4-4921fe17567e
SM_V9_3 iris    exon    32131982        32132329        .       -
        .       Parent=Smp_079760.1;Name=745b7241-1650-4a26-
a19a-53f34e400c3b
SM_V9_3 iris    exon    32142881        32143263        .       -
        .       Parent=Smp_079760.1;Name=d1391fe3-2e26-429c-
b03f-3dd3ebd8e334
SM_V9_3 iris    CDS     32114009        32114170        .       -
        0       Parent=Smp_079760.1
SM_V9_3 iris    CDS     32121081        32121211        .       -
        2       Parent=Smp_079760.1
SM_V9_3 iris    CDS     32122608        32122791        .       -
        0       Parent=Smp_079760.1
SM_V9_3 iris    CDS     32129250        32129546        .       -
        0       Parent=Smp_079760.1
SM_V9_3 iris    CDS     32131982        32132329        .       -
        0       Parent=Smp_079760.1
SM_V9_3 iris    CDS     32142881        32143234        .       -
        0       Parent=Smp_079760.1
SM_V9_3 Liftoff gene    32143330        32149241        .       -
        .       ID=Smp_079750;geneID=Smp_079750
SM_V9_3 Liftoff mRNA    32143330        32149241        .       -
        .
ID=Smp_079750.1;Parent=Smp_079750;geneID=Smp_079750;product=Ribosoma
l RNA-processing protein
8;polypeptide_domain=InterPro:IPR007823,IPR029063
Pfam:PF05148;Ontology_term=GO:0005730,GO:0008168
SM_V9_3 Liftoff exon    32143330        32143602        .       -
        .       Parent=Smp_079750.1
SM_V9_3 Liftoff exon    32144400        32144506        .       -
        .       Parent=Smp_079750.1
SM_V9_3 Liftoff exon    32148710        32149025        .       -
        .       Parent=Smp_079750.1
SM_V9_3 Liftoff exon    32149061        32149241        .       -
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        .       Parent=Smp_079750.1
SM_V9_3 Liftoff CDS     32143380        32143602        .       -
        1       Parent=Smp_079750.1
SM_V9_3 Liftoff CDS     32144400        32144506        .       -
        0       Parent=Smp_079750.1
SM_V9_3 Liftoff CDS     32148710        32149025        .       -
        1       Parent=Smp_079750.1
SM_V9_3 Liftoff CDS     32149061        32149209        .       -
        0       Parent=Smp_079750.1
SM_V9_3 iris    gene    32152245        32169239        .       +
        .
ID=Smp_079740;geneID=Smp_079740;gene_name=Smp_079740;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    32152245        32169239        .       +
        .
ID=Smp_079740.1;Parent=Smp_079740;geneID=Smp_079740;gene_name=Smp_07
9740;owner=irisadmin@local.host;orig_id=Smp_079740.1;date_last_modif
ied=2022-09-05;Name=Smp_079740.1;product=Cullin-2;date_creation=2022
-09-05
SM_V9_3 iris    exon    32152245        32152649        .       +
        .
Parent=Smp_079740.1;Name=313cd363-4ec5-4884-92ad-151920a52519
SM_V9_3 iris    exon    32152689        32152877        .       +
        .
Parent=Smp_079740.1;Name=eb637016-0356-44a9-9914-99716103e7f5
SM_V9_3 iris    exon    32152916        32153006        .       +
        .       Parent=Smp_079740.1;Name=81e66038-d6f8-46e3-
a821-21444c4707b5
SM_V9_3 iris    exon    32153347        32153469        .       +
        .       Parent=Smp_079740.1;Name=348cac5d-b765-4f5d-
a2f3-66d1c86c8563
SM_V9_3 iris    exon    32154288        32154447        .       +
        .
Parent=Smp_079740.1;Name=c91a1c67-2989-47d8-80c0-41b278ac1890
SM_V9_3 iris    exon    32159888        32160012        .       +
        .
Parent=Smp_079740.1;Name=f24853d7-3eb7-4e97-8db3-34ef98d35626
SM_V9_3 iris    exon    32162524        32162696        .       +
        .
Parent=Smp_079740.1;Name=2e95f9ca-7dfd-4f6e-998b-3b17025d70c2
SM_V9_3 iris    exon    32164358        32164514        .       +
        .       Parent=Smp_079740.1;Name=03d32fd8-
fe28-4db6-8d42-52343a1406b9
SM_V9_3 iris    exon    32165453        32165686        .       +
        .
Parent=Smp_079740.1;Name=5fafe5a0-715e-4f89-89e5-2f53033fa147
SM_V9_3 iris    exon    32167308        32167829        .       +
        .
Parent=Smp_079740.1;Name=043349e5-75bf-47ea-8336-12d7dcd60ebf
SM_V9_3 iris    exon    32167879        32167971        .       +
        .       Parent=Smp_079740.1;Name=25a93158-6b5f-4597-a5f7-
bebe551e1fc7
SM_V9_3 iris    exon    32168885        32169239        .       +
        .       Parent=Smp_079740.1;Name=8c6a33d9-70ee-4033-a602-
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b8e337e7292c
SM_V9_3 iris    CDS     32152333        32152649        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32152689        32152877        .       +
        1       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32152916        32153006        .       +
        1       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32153347        32153469        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32154288        32154447        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32159888        32160012        .       +
        2       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32162524        32162696        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32164358        32164514        .       +
        1       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32165453        32165686        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32167308        32167829        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32167879        32167971        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    CDS     32168885        32169136        .       +
        0       Parent=Smp_079740.1
SM_V9_3 iris    gene    32169127        32181171        .       -
        .
ID=Smp_079730;geneID=Smp_079730;gene_name=Smp_079730;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    32169127        32181171        .       -
        .
ID=Smp_079730.1;Parent=Smp_079730;geneID=Smp_079730;gene_name=Smp_07
9730;owner=irisadmin@local.host;orig_id=Smp_079730.1;date_last_modif
ied=2022-09-05;Name=Smp_079730.1;product=Cleavage stimulation factor
subunit 2;date_creation=2022-09-05
SM_V9_3 iris    exon    32169127        32169415        .       -
        .
Parent=Smp_079730.1;Name=e34c54b2-0b64-41cb-94e6-561898ebf9ff
SM_V9_3 iris    exon    32170970        32171166        .       -
        .       Parent=Smp_079730.1;Name=c489eaf2-
b734-49a9-8026-336073b515d3
SM_V9_3 iris    exon    32177285        32177600        .       -
        .       Parent=Smp_079730.1;Name=abec0531-55b5-4985-
bd17-70bef057c891
SM_V9_3 iris    exon    32179143        32179553        .       -
        .       Parent=Smp_079730.1;Name=a0a7829e-e388-4ce2-89b3-
ba32c38f5297
SM_V9_3 iris    exon    32179589        32179765        .       -
        .       Parent=Smp_079730.1;Name=126297d8-7baa-4893-90a8-
a9d57575e77c
SM_V9_3 iris    exon    32181121        32181171        .       -
        .       Parent=Smp_079730.1;Name=39ef13f5-5fdb-43c4-
ad35-5e335adef80f
SM_V9_3 iris    CDS     32169215        32169415        .       -
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        0       Parent=Smp_079730.1
SM_V9_3 iris    CDS     32170970        32171166        .       -
        2       Parent=Smp_079730.1
SM_V9_3 iris    CDS     32177285        32177600        .       -
        0       Parent=Smp_079730.1
SM_V9_3 iris    CDS     32179143        32179553        .       -
        0       Parent=Smp_079730.1
SM_V9_3 iris    CDS     32179589        32179702        .       -
        0       Parent=Smp_079730.1
SM_V9_3 Liftoff gene    32196915        32200518        .       +
        .       ID=Smp_079710;geneID=Smp_079710
SM_V9_3 Liftoff mRNA    32196915        32200518        .       +
        .
ID=Smp_079710.1;Parent=Smp_079710;geneID=Smp_079710;product=NADH
dehydrogenase [ubiquinone] 1 alpha subcomplex subunit
2;polypeptide_domain=InterPro:IPR007741,IPR012336,IPR016464
Pfam:PF05047
SM_V9_3 Liftoff exon    32196915        32197017        .       +
        .       Parent=Smp_079710.1
SM_V9_3 Liftoff exon    32200145        32200251        .       +
        .       Parent=Smp_079710.1
SM_V9_3 Liftoff exon    32200294        32200518        .       +
        .       Parent=Smp_079710.1
SM_V9_3 Liftoff CDS     32196941        32197017        .       +
        0       Parent=Smp_079710.1
SM_V9_3 Liftoff CDS     32200145        32200251        .       +
        1       Parent=Smp_079710.1
SM_V9_3 Liftoff CDS     32200294        32200379        .       +
        2       Parent=Smp_079710.1
SM_V9_3 Liftoff gene    32218029        32227225        .       +
        .
ID=Smp_345590;geneID=Smp_345590;previous_systematic_id=Smp_165110
SM_V9_3 Liftoff mRNA    32218029        32227225        .       +
        .
ID=Smp_345590.1;Parent=Smp_345590;geneID=Smp_345590;product=Ribonucl
ease P protein component
SM_V9_3 Liftoff exon    32218029        32218317        .       +
        .       Parent=Smp_345590.1
SM_V9_3 Liftoff exon    32218392        32218428        .       +
        .       Parent=Smp_345590.1
SM_V9_3 Liftoff exon    32220696        32220818        .       +
        .       Parent=Smp_345590.1
SM_V9_3 Liftoff exon    32223665        32223790        .       +
        .       Parent=Smp_345590.1
SM_V9_3 Liftoff exon    32225990        32227225        .       +
        .       Parent=Smp_345590.1
SM_V9_3 Liftoff CDS     32218297        32218317        .       +
        0       Parent=Smp_345590.1
SM_V9_3 Liftoff CDS     32218392        32218428        .       +
        0       Parent=Smp_345590.1
SM_V9_3 Liftoff CDS     32220696        32220818        .       +
        2       Parent=Smp_345590.1
SM_V9_3 Liftoff CDS     32223665        32223790        .       +
        2       Parent=Smp_345590.1
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```
SM_V9_3 Liftoff CDS     32225990        32226141        .       +
        2       Parent=Smp_345590.1
SM_V9_3 Liftoff gene    32229439        32301365        .       +
        .
ID=Smp_331930;geneID=Smp_331930;previous_systematic_id=Smp_185360
SM_V9_3 Liftoff mRNA    32229439        32301365        .       +
        .
ID=Smp_331930.1;Parent=Smp_331930;geneID=Smp_331930;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    32229439        32235676        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32238121        32238234        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32238766        32238879        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32239413        32239526        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32240065        32240178        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32240722        32240835        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32241379        32241492        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32242035        32242148        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32242692        32242805        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32243349        32243462        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32244006        32244119        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff exon    32259897        32301365        .       +
        .       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32235652        32235676        .       +
        0       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32238121        32238234        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32238766        32238879        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32239413        32239526        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32240065        32240178        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32240722        32240835        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32241379        32241492        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32242035        32242148        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32242692        32242805        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32243349        32243462        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32244006        32244119        .       +
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        2       Parent=Smp_331930.1
SM_V9_3 Liftoff CDS     32259897        32259901        .       +
        2       Parent=Smp_331930.1
SM_V9_3 Liftoff gene    32330566        32331921        .       +
        .       ID=Smp_183870;geneID=Smp_183870
SM_V9_3 Liftoff mRNA    32330566        32331921        .       +
        .
ID=Smp_183870.1;Parent=Smp_183870;geneID=Smp_183870;product=TOM1-
like protein 1
SM_V9_3 Liftoff exon    32330566        32330793        .       +
        .       Parent=Smp_183870.1
SM_V9_3 Liftoff exon    32331733        32331921        .       +
        .       Parent=Smp_183870.1
SM_V9_3 Liftoff CDS     32330566        32330793        .       +
        0       Parent=Smp_183870.1
SM_V9_3 Liftoff CDS     32331733        32331921        .       +
        0       Parent=Smp_183870.1
SM_V9_3 Liftoff gene    32332497        32338424        .       +
        .
ID=Smp_341780;geneID=Smp_341780;previous_systematic_id=Smp_113530
SM_V9_3 Liftoff mRNA    32332497        32338424        .       +
        .
ID=Smp_341780.1;Parent=Smp_341780;geneID=Smp_341780;product=Probable
isoprenylcysteine alpha-carbonyl methylesterase ICMEL1
SM_V9_3 Liftoff exon    32332497        32332966        .       +
        .       Parent=Smp_341780.1
SM_V9_3 Liftoff exon    32334036        32334242        .       +
        .       Parent=Smp_341780.1
SM_V9_3 Liftoff exon    32335281        32335427        .       +
        .       Parent=Smp_341780.1
SM_V9_3 Liftoff exon    32335925        32336071        .       +
        .       Parent=Smp_341780.1
SM_V9_3 Liftoff exon    32337218        32337361        .       +
        .       Parent=Smp_341780.1
SM_V9_3 Liftoff exon    32338267        32338424        .       +
        .       Parent=Smp_341780.1
SM_V9_3 Liftoff CDS     32332765        32332966        .       +
        0       Parent=Smp_341780.1
SM_V9_3 Liftoff CDS     32334036        32334242        .       +
        2       Parent=Smp_341780.1
SM_V9_3 Liftoff CDS     32335281        32335427        .       +
        2       Parent=Smp_341780.1
SM_V9_3 Liftoff CDS     32335925        32336071        .       +
        2       Parent=Smp_341780.1
SM_V9_3 Liftoff CDS     32337218        32337361        .       +
        2       Parent=Smp_341780.1
SM_V9_3 Liftoff CDS     32338267        32338295        .       +
        2       Parent=Smp_341780.1
SM_V9_3 Liftoff gene    32374177        32383743        .       +
        .
ID=Smp_346730;geneID=Smp_346730;previous_systematic_id=Smp_186610
SM_V9_3 Liftoff mRNA    32374177        32383743        .       +
        .
ID=Smp_346730.1;Parent=Smp_346730;geneID=Smp_346730;product=Chaperon
```

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e protein DnaK
SM_V9_3 Liftoff exon    32374177        32374245        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff exon    32374668        32374790        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff exon    32376161        32376283        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff exon    32378784        32378921        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff exon    32379798        32379914        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff exon    32381252        32381356        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff exon    32383028        32383153        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff exon    32383527        32383743        .       +
        .       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32374197        32374245        .       +
        0       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32374668        32374790        .       +
        2       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32376161        32376283        .       +
        2       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32378784        32378921        .       +
        2       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32379798        32379914        .       +
        2       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32381252        32381356        .       +
        2       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32383028        32383153        .       +
        2       Parent=Smp_346730.1
SM_V9_3 Liftoff CDS     32383527        32383690        .       +
        2       Parent=Smp_346730.1
SM_V9_3 Liftoff gene    32545414        32545740        .       +
        .       ID=Smp_185460;geneID=Smp_185460
SM_V9_3 Liftoff mRNA    32545414        32545740        .       +
        .
ID=Smp_185460.1;Parent=Smp_185460;geneID=Smp_185460;product=Zinc
finger protein 646
SM_V9_3 Liftoff exon    32545414        32545740        .       +
        .       Parent=Smp_185460.1
SM_V9_3 Liftoff CDS     32545414        32545740        .       +
        0       Parent=Smp_185460.1
SM_V9_3 Liftoff gene    32545846        32553247        .       +
        .
ID=Smp_346550;geneID=Smp_346550;previous_systematic_id=Smp_178240
SM_V9_3 Liftoff mRNA    32545846        32553247        .       +
        .
ID=Smp_346550.1;Parent=Smp_346550;geneID=Smp_346550;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    32545846        32546812        .       +
        .       Parent=Smp_346550.1
SM_V9_3 Liftoff exon    32548456        32548593        .       +
        .       Parent=Smp_346550.1
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SM_V9_3 Liftoff exon    32550030        32550185        .       +
        .       Parent=Smp_346550.1
SM_V9_3 Liftoff exon    32551341        32551451        .       +
        .       Parent=Smp_346550.1
SM_V9_3 Liftoff exon    32553101        32553247        .       +
        .       Parent=Smp_346550.1
SM_V9_3 Liftoff CDS     32546755        32546812        .       +
        0       Parent=Smp_346550.1
SM_V9_3 Liftoff CDS     32548456        32548593        .       +
        2       Parent=Smp_346550.1
SM_V9_3 Liftoff CDS     32550030        32550185        .       +
        2       Parent=Smp_346550.1
SM_V9_3 Liftoff CDS     32551341        32551451        .       +
        2       Parent=Smp_346550.1
SM_V9_3 Liftoff CDS     32553101        32553216        .       +
        2       Parent=Smp_346550.1
SM_V9_3 Liftoff pseudogene      32560655        32586335        .
        -       .       ID=Smp_326360;geneID=Smp_326360
SM_V9_3 Liftoff transcript      32560655        32586335        .
        -       .
ID=Smp_326360.1;Parent=Smp_326360;geneID=Smp_326360
SM_V9_3 Liftoff exon    32560655        32560901        .       -
        .       Parent=Smp_326360.1
SM_V9_3 Liftoff exon    32578422        32578467        .       -
        .       Parent=Smp_326360.1
SM_V9_3 Liftoff exon    32579215        32579348        .       -
        .       Parent=Smp_326360.1
SM_V9_3 Liftoff exon    32586204        32586335        .       -
        .       Parent=Smp_326360.1
SM_V9_3 iris    gene    32566058        32574481        .       +
        .
ID=Smp_326400;geneID=Smp_326400;gene_name=Smp_326400;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    32566058        32574481        .       +
        .
ID=Smp_326400.1;Parent=Smp_326400;geneID=Smp_326400;gene_name=Smp_32
6400;owner=irisadmin@local.host;orig_id=Smp_326400.1;date_last_modif
ied=2022-07-27;Name=Smp_326400.1;product=RNA pseudouridylate
synthase domain-containing protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    32566058        32566254        .       +
        .
Parent=Smp_326400.1;Name=91246240-83d4-405b-8bf7-0ce91a781630
SM_V9_3 iris    exon    32567811        32568128        .       +
        .       Parent=Smp_326400.1;Name=96d676e3-d88f-4e61-
a7f9-2a34903356c7
SM_V9_3 iris    exon    32569878        32570003        .       +
        .       Parent=Smp_326400.1;Name=03255030-c7ac-4496-a00b-
a4dccce0b757
SM_V9_3 iris    exon    32572822        32573046        .       +
        .       Parent=Smp_326400.1;Name=a5bc52ec-09e2-4f11-
b911-137a79eda4b7
SM_V9_3 iris    exon    32573814        32574481        .       +
        .       Parent=Smp_326400.1;Name=c2784313-1ff4-4594-8e2f-
ec72b9c6b41e
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SM_V9_3 iris    CDS     32567889        32568128        .       +
        0       Parent=Smp_326400.1
SM_V9_3 iris    CDS     32569878        32570003        .       +
        0       Parent=Smp_326400.1
SM_V9_3 iris    CDS     32572822        32573046        .       +
        0       Parent=Smp_326400.1
SM_V9_3 iris    CDS     32573814        32574335        .       +
        0       Parent=Smp_326400.1
SM_V9_3 Liftoff gene    32583618        32606062        .       -
        .
ID=Smp_333580;geneID=Smp_333580;previous_systematic_id=Smp_084950,Sm
p_168220
SM_V9_3 Liftoff mRNA    32583618        32606062        .       -
        .
ID=Smp_333580.1;Parent=Smp_333580;geneID=Smp_333580;product=Protein
regulator of cytokinesis 1;polypeptide_domain=Pfam:PF03999
SM_V9_3 Liftoff exon    32583618        32584061        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32585839        32585910        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32587057        32587341        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32588884        32589010        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32590234        32590448        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32593560        32593655        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32593691        32593879        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32605086        32605406        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32605439        32605717        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff exon    32605757        32606062        .       -
        .       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32583984        32584061        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32585839        32585910        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32587057        32587341        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32588884        32589010        .       -
        1       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32590234        32590448        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32593560        32593655        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32593691        32593879        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32605086        32605406        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff CDS     32605439        32605717        .       -
        0       Parent=Smp_333580.1
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SM_V9_3 Liftoff CDS     32605757        32606020        .       -
        0       Parent=Smp_333580.1
SM_V9_3 Liftoff gene    32611236        32622284        .       +
        .
ID=Smp_084940;geneID=Smp_084940;previous_systematic_id=Smp_168210
SM_V9_3 Liftoff mRNA    32611236        32622284        .       +
        .
ID=Smp_084940.1;Parent=Smp_084940;geneID=Smp_084940;product=Ras-
related protein M-
Ras;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR020849,IPR027
417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525,GO:0007165,GO:00160
20
SM_V9_3 Liftoff exon    32611236        32611484        .       +
        .       Parent=Smp_084940.1
SM_V9_3 Liftoff exon    32611518        32611614        .       +
        .       Parent=Smp_084940.1
SM_V9_3 Liftoff exon    32615820        32616073        .       +
        .       Parent=Smp_084940.1
SM_V9_3 Liftoff exon    32617523        32617602        .       +
        .       Parent=Smp_084940.1
SM_V9_3 Liftoff exon    32620706        32622284        .       +
        .       Parent=Smp_084940.1
SM_V9_3 Liftoff CDS     32611383        32611484        .       +
        0       Parent=Smp_084940.1
SM_V9_3 Liftoff CDS     32611518        32611614        .       +
        0       Parent=Smp_084940.1
SM_V9_3 Liftoff CDS     32615820        32616073        .       +
        2       Parent=Smp_084940.1
SM_V9_3 Liftoff CDS     32617523        32617602        .       +
        0       Parent=Smp_084940.1
SM_V9_3 Liftoff CDS     32620706        32620772        .       +
        1       Parent=Smp_084940.1
SM_V9_3 iris    gene    32624580        32628945        .       -
        .
ID=Smp_341420;geneID=Smp_341420;gene_name=Smp_341420;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    32624580        32628945        .       -
        .
ID=Smp_341420.1;Parent=Smp_341420;geneID=Smp_341420;gene_name=Smp_34
1420;owner=irisadmin@local.host;orig_id=Smp_341420.1;date_last_modif
ied=2022-09-07;Name=Smp_341420.1;product=Dual specificity protein
phosphatase 19;date_creation=2022-09-07
SM_V9_3 iris    exon    32624580        32625527        .       -
        .       Parent=Smp_341420.1;Name=0fa16110-7f87-46df-
b50e-3bdea6ad5953
SM_V9_3 iris    exon    32626208        32626531        .       -
        .       Parent=Smp_341420.1;Name=f01f0f6b-47bb-4990-
bb0a-71023aab4307
SM_V9_3 iris    exon    32628714        32628945        .       -
        .       Parent=Smp_341420.1;Name=6aa362df-
e222-44d3-993a-40a4f7026f94
SM_V9_3 iris    CDS     32625148        32625527        .       -
        2       Parent=Smp_341420.1
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SM_V9_3 iris    CDS     32626208        32626448        .       -
        0       Parent=Smp_341420.1
SM_V9_3 Liftoff gene    32649736        32680375        .       +
        .       ID=Smp_168200;geneID=Smp_168200
SM_V9_3 Liftoff mRNA    32649736        32680375        .       +
        .
ID=Smp_168200.1;Parent=Smp_168200;geneID=Smp_168200;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001810
Pfam:PF12937;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    32649736        32650198        .       +
        .       Parent=Smp_168200.1
SM_V9_3 Liftoff exon    32658000        32658347        .       +
        .       Parent=Smp_168200.1
SM_V9_3 Liftoff exon    32660186        32661555        .       +
        .       Parent=Smp_168200.1
SM_V9_3 Liftoff exon    32668644        32668783        .       +
        .       Parent=Smp_168200.1
SM_V9_3 Liftoff exon    32679337        32680375        .       +
        .       Parent=Smp_168200.1
SM_V9_3 Liftoff CDS     32649762        32650198        .       +
        0       Parent=Smp_168200.1
SM_V9_3 Liftoff CDS     32658000        32658347        .       +
        1       Parent=Smp_168200.1
SM_V9_3 Liftoff CDS     32660186        32661555        .       +
        1       Parent=Smp_168200.1
SM_V9_3 Liftoff CDS     32668644        32668783        .       +
        2       Parent=Smp_168200.1
SM_V9_3 Liftoff CDS     32679337        32679480        .       +
        0       Parent=Smp_168200.1
SM_V9_3 iris    gene    32691387        32697022        .       +
        .
ID=Smp_084910;geneID=Smp_084910;gene_name=Smp_084910;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    32691387        32697022        .       +
        .
ID=Smp_084910.1;Parent=Smp_084910;geneID=Smp_084910;gene_name=Smp_08
4910;owner=irisadmin@local.host;orig_id=Smp_084910.1;date_last_modif
ied=2022-07-27;Name=Smp_084910.1;product=Protein FMC1
homolog;date_creation=2022-07-27
SM_V9_3 iris    exon    32691387        32691442        .       +
        .       Parent=Smp_084910.1;Name=1fb78b02-ec18-47fa-95cb-
f157a0644b67
SM_V9_3 iris    exon    32694370        32694467        .       +
        .       Parent=Smp_084910.1;Name=086a3f66-ae94-4cec-
be88-5bfb65c6a3fb
SM_V9_3 iris    exon    32694522        32694671        .       +
        .       Parent=Smp_084910.1;Name=fc524351-7a92-4c3b-afc9-
d431184be304
SM_V9_3 iris    exon    32696549        32697022        .       +
        .       Parent=Smp_084910.1;Name=b7034648-c436-46ef-
befc-756245656ef0
SM_V9_3 iris    CDS     32694396        32694467        .       +
        0       Parent=Smp_084910.1
SM_V9_3 iris    CDS     32694522        32694671        .       +
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        0       Parent=Smp_084910.1
SM_V9_3 iris    CDS     32696549        32696644        .       +
        0       Parent=Smp_084910.1
SM_V9_3 iris    gene    32711354        32714687        .       +
        .
ID=Smp_084900;geneID=Smp_084900;gene_name=Smp_084900;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    32711354        32714687        .       +
        .
ID=Smp_084900.1;Parent=Smp_084900;geneID=Smp_084900;gene_name=Smp_08
4900;owner=irisadmin@local.host;orig_id=Smp_084900.1;date_last_modif
ied=2022-07-27;Name=Smp_084900.1;product=Translation initiation
factor eIF-2B subunit alpha;date_creation=2022-07-26
SM_V9_3 iris    exon    32711354        32711733        .       +
        .       Parent=Smp_084900.1;Name=5697dcd4-f38d-437d-
bfe4-63988ed5f3dd
SM_V9_3 iris    exon    32713933        32714687        .       +
        .       Parent=Smp_084900.1;Name=f6599d22-630c-4e4c-
b699-0b4a882ae3be
SM_V9_3 iris    CDS     32711416        32711733        .       +
        0       Parent=Smp_084900.1
SM_V9_3 iris    CDS     32713933        32714652        .       +
        0       Parent=Smp_084900.1
SM_V9_3 iris    gene    32714736        32738634        .       +
        .
ID=Smp_084890;geneID=Smp_084890;gene_name=Smp_084890;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    32714736        32738634        .       +
        .
ID=Smp_084890.1;Parent=Smp_084890;geneID=Smp_084890;gene_name=Smp_08
4890;owner=irisadmin@local.host;orig_id=Smp_084890.1;date_last_modif
ied=2022-07-27;Name=Smp_084890.1;product=Ectonucleotide
pyrophosphatase/phosphodiesterase family member
6;date_creation=2022-07-26
SM_V9_3 iris    exon    32714736        32715056        .       +
        .       Parent=Smp_084890.1;Name=f862b4e8-56ae-4e1f-
aff9-9ebe1eaa3d6e
SM_V9_3 iris    exon    32716737        32716855        .       +
        .       Parent=Smp_084890.1;Name=aa2cc69c-5d12-48fa-8803-
d02a286c065a
SM_V9_3 iris    exon    32717672        32717840        .       +
        .       Parent=Smp_084890.1;Name=9aa75a1e-3e3a-4707-b0a4-
c9d92fd759ee
SM_V9_3 iris    exon    32723937        32724147        .       +
        .       Parent=Smp_084890.1;Name=f3ec7108-2fdf-4df8-a78a-
a0e59ebecd3b
SM_V9_3 iris    exon    32735175        32735247        .       +
        .       Parent=Smp_084890.1;Name=3c5dd0cd-890a-431a-
b442-865420beb97e
SM_V9_3 iris    exon    32736725        32738634        .       +
        .
Parent=Smp_084890.1;Name=f51b7278-4d1c-45d7-8939-3c4a730f4aa1
SM_V9_3 iris    CDS     32714777        32715056        .       +
        0       Parent=Smp_084890.1
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SM_V9_3 iris    CDS     32716737        32716855        .       +
        2       Parent=Smp_084890.1
SM_V9_3 iris    CDS     32717672        32717840        .       +
        0       Parent=Smp_084890.1
SM_V9_3 iris    CDS     32723937        32724147        .       +
        2       Parent=Smp_084890.1
SM_V9_3 iris    CDS     32735175        32735247        .       +
        1       Parent=Smp_084890.1
SM_V9_3 iris    CDS     32736725        32737423        .       +
        0       Parent=Smp_084890.1
SM_V9_3 Liftoff gene    32772261        32783782        .       -
        .       ID=Smp_084870;geneID=Smp_084870
SM_V9_3 Liftoff mRNA    32772261        32783782        .       -
        .
ID=Smp_084870.1;Parent=Smp_084870;geneID=Smp_084870;product=Polyaden
ylation and cleavage factor homolog
11;polypeptide_domain=InterPro:IPR006569,IPR008942
SM_V9_3 Liftoff exon    32772261        32772790        .       -
        .       Parent=Smp_084870.1
SM_V9_3 Liftoff exon    32773849        32773995        .       -
        .       Parent=Smp_084870.1
SM_V9_3 Liftoff exon    32780932        32783079        .       -
        .       Parent=Smp_084870.1
SM_V9_3 Liftoff exon    32783120        32783245        .       -
        .       Parent=Smp_084870.1
SM_V9_3 Liftoff exon    32783532        32783782        .       -
        .       Parent=Smp_084870.1
SM_V9_3 Liftoff CDS     32772458        32772790        .       -
        0       Parent=Smp_084870.1
SM_V9_3 Liftoff CDS     32773849        32773995        .       -
        0       Parent=Smp_084870.1
SM_V9_3 Liftoff CDS     32780932        32783079        .       -
        0       Parent=Smp_084870.1
SM_V9_3 Liftoff CDS     32783120        32783245        .       -
        0       Parent=Smp_084870.1
SM_V9_3 Liftoff CDS     32783532        32783699        .       -
        0       Parent=Smp_084870.1
SM_V9_3 Liftoff gene    32801042        32821842        .       -
        .       ID=Smp_084860;geneID=Smp_084860
SM_V9_3 Liftoff mRNA    32801042        32821842        .       -
        .
ID=Smp_084860.1;Parent=Smp_084860;geneID=Smp_084860;product=Required
for meiotic nuclear division protein 1
homolog;polypeptide_domain=InterPro:IPR003734 Pfam:PF02582
SM_V9_3 Liftoff exon    32801042        32801280        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32802272        32802392        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32804910        32804986        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32808752        32808816        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32810176        32810281        .       -
        .       Parent=Smp_084860.1
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SM_V9_3 Liftoff exon    32810331        32810430        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32813631        32813725        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32817223        32817262        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32819145        32819365        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff exon    32821461        32821842        .       -
        .       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32801116        32801280        .       -
        0       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32802272        32802392        .       -
        1       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32804910        32804986        .       -
        0       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32808752        32808816        .       -
        2       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32810176        32810281        .       -
        0       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32810331        32810430        .       -
        1       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32813631        32813725        .       -
        0       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32817223        32817262        .       -
        1       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32819145        32819365        .       -
        0       Parent=Smp_084860.1
SM_V9_3 Liftoff CDS     32821461        32821718        .       -
        0       Parent=Smp_084860.1
SM_V9_3 Liftoff gene    32824317        32834572        .       -
        .       ID=Smp_168170;geneID=Smp_168170
SM_V9_3 Liftoff mRNA    32824317        32834572        .       -
        .
ID=Smp_168170.1;Parent=Smp_168170;geneID=Smp_168170;product=Serine/
threonine-protein phosphatase
CPPED1;polypeptide_domain=InterPro:IPR004843,IPR029052
Pfam:PF00149;Ontology_term=GO:0016787
SM_V9_3 Liftoff exon    32824317        32825123        .       -
        .       Parent=Smp_168170.1
SM_V9_3 Liftoff exon    32831707        32834572        .       -
        .       Parent=Smp_168170.1
SM_V9_3 Liftoff CDS     32824734        32825123        .       -
        0       Parent=Smp_168170.1
SM_V9_3 Liftoff CDS     32831707        32832303        .       -
        0       Parent=Smp_168170.1
SM_V9_3 iris    gene    32979039        32981172        .       -
        .
ID=Smp_138210;geneID=Smp_138210;gene_name=Smp_138210;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    32979039        32981172        .       -
        .
ID=Smp_138210.1;Parent=Smp_138210;geneID=Smp_138210;gene_name=Smp_13
8210;owner=irisadmin@local.host;orig_id=Smp_138210.1;date_last_modif
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ied=2022-07-27;Name=Smp_138210.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    32979039        32981172        .       -
        .       Parent=Smp_138210.1;Name=ee839329-8c20-48ab-ab63-
c85c3c39560e
SM_V9_3 iris    CDS     32979716        32981110        .       -
        0       Parent=Smp_138210.1
SM_V9_3 Liftoff gene    33022310        33026462        .       -
        .
ID=Smp_347470;geneID=Smp_347470;previous_systematic_id=Smp_029620,Sm
p_241820
SM_V9_3 Liftoff mRNA    33022310        33026462        .       -
        .
ID=Smp_347470.1;Parent=Smp_347470;geneID=Smp_347470;product=Homeobox
protein SMOX-4
(Fragment);polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    33022310        33022897        .       -
        .       Parent=Smp_347470.1
SM_V9_3 Liftoff exon    33025874        33026462        .       -
        .       Parent=Smp_347470.1
SM_V9_3 Liftoff CDS     33022515        33022897        .       -
        2       Parent=Smp_347470.1
SM_V9_3 Liftoff CDS     33025874        33026354        .       -
        0       Parent=Smp_347470.1
SM_V9_3 Liftoff gene    33038566        33054285        .       +
        .       ID=Smp_138220;geneID=Smp_138220
SM_V9_3 Liftoff mRNA    33038566        33054285        .       +
        .
ID=Smp_138220.1;Parent=Smp_138220;geneID=Smp_138220;product=Enhancer
of mRNA-decapping protein 3;polypeptide_domain=InterPro:IPR004443
SM_V9_3 Liftoff exon    33038566        33038760        .       +
        .       Parent=Smp_138220.1
SM_V9_3 Liftoff exon    33042331        33042710        .       +
        .       Parent=Smp_138220.1
SM_V9_3 Liftoff exon    33044200        33044646        .       +
        .       Parent=Smp_138220.1
SM_V9_3 Liftoff exon    33046001        33046508        .       +
        .       Parent=Smp_138220.1
SM_V9_3 Liftoff exon    33048085        33048734        .       +
        .       Parent=Smp_138220.1
SM_V9_3 Liftoff exon    33053347        33054285        .       +
        .       Parent=Smp_138220.1
SM_V9_3 Liftoff CDS     33038606        33038760        .       +
        0       Parent=Smp_138220.1
SM_V9_3 Liftoff CDS     33042331        33042710        .       +
        1       Parent=Smp_138220.1
SM_V9_3 Liftoff CDS     33044200        33044646        .       +
        2       Parent=Smp_138220.1
SM_V9_3 Liftoff CDS     33046001        33046508        .       +
        2       Parent=Smp_138220.1
SM_V9_3 Liftoff CDS     33048085        33048734        .       +
        1       Parent=Smp_138220.1
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SM_V9_3 Liftoff CDS     33053347        33053876        .       +
        2       Parent=Smp_138220.1
SM_V9_3 Liftoff gene    33077606        33114192        .       +
        .       ID=Smp_138230;geneID=Smp_138230
SM_V9_3 Liftoff mRNA    33077606        33114192        .       +
        .
ID=Smp_138230.1;Parent=Smp_138230;geneID=Smp_138230;product=doublese
x and mab-3 related transcription factor 1;evidence=Inferred by
Curator;polypeptide_domain=InterPro:IPR001275
Pfam:PF00751;Ontology_term=GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    33077606        33102038        .       +
        .       Parent=Smp_138230.1
SM_V9_3 Liftoff exon    33105290        33105859        .       +
        .       Parent=Smp_138230.1
SM_V9_3 Liftoff exon    33107157        33114192        .       +
        .       Parent=Smp_138230.1
SM_V9_3 Liftoff CDS     33100905        33102038        .       +
        0       Parent=Smp_138230.1
SM_V9_3 Liftoff CDS     33105290        33105859        .       +
        0       Parent=Smp_138230.1
SM_V9_3 Liftoff CDS     33107157        33109601        .       +
        0       Parent=Smp_138230.1
SM_V9_3 iris    gene    33164743        33186809        .       +
        .
ID=Smp_029670;geneID=Smp_029670;gene_name=Smp_029670;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33164743        33186809        .       +
        .
ID=Smp_029670.1;Parent=Smp_029670;geneID=Smp_029670;gene_name=Smp_02
9670;owner=irisadmin@local.host;orig_id=Smp_029670.1;date_last_modif
ied=2022-07-27;Name=Smp_029670.1;product=Putative UDP-
glucuronosyltransferase ugt-47;date_creation=2022-07-26
SM_V9_3 iris    exon    33164743        33165162        .       +
        .       Parent=Smp_029670.1;Name=515d3dbb-1d80-4f89-a039-
a762bbd27b88
SM_V9_3 iris    exon    33173930        33174057        .       +
        .       Parent=Smp_029670.1;Name=1b4073c6-9da2-416a-
b932-9d13d557afd5
SM_V9_3 iris    exon    33181748        33181936        .       +
        .
Parent=Smp_029670.1;Name=1a420130-5dec-4e10-8471-52623ed4e1b1
SM_V9_3 iris    exon    33185716        33186809        .       +
        .       Parent=Smp_029670.1;Name=1ce5b29b-f030-41d6-
b9bf-1759a402d2e8
SM_V9_3 iris    CDS     33164988        33165162        .       +
        0       Parent=Smp_029670.1
SM_V9_3 iris    CDS     33173930        33174057        .       +
        2       Parent=Smp_029670.1
SM_V9_3 iris    CDS     33181748        33181936        .       +
        0       Parent=Smp_029670.1
SM_V9_3 iris    CDS     33185716        33185946        .       +
        0       Parent=Smp_029670.1
SM_V9_3 iris    gene    33186169        33197152        .       -
        .
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ID=Smp_138240;geneID=Smp_138240;gene_name=Smp_138240;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-07-27
SM_V9_3 iris    mRNA    33186169        33197152        .       -
        .
ID=Smp_138240.1;Parent=Smp_138240;geneID=Smp_138240;gene_name=Smp_13
8240;owner=irisadmin@local.host;orig_id=Smp_138240.1;date_last_modif
ied=2022-09-07;Name=Smp_138240.1;product=Zinc finger protein
830;date_creation=2022-07-27
SM_V9_3 iris    exon    33186169        33186834        .       -
        .       Parent=Smp_138240.1;Name=c221cb5b-f087-4904-
afa0-4cdaa1770681
SM_V9_3 iris    exon    33192053        33192129        .       -
        .       Parent=Smp_138240.1;Name=11c62c67-2d64-47e5-9261-
ae3da608abca
SM_V9_3 iris    exon    33194613        33194690        .       -
        .       Parent=Smp_138240.1;Name=a6d3ae52-cdf1-44d1-8b64-
d498aa2dbf49
SM_V9_3 iris    exon    33194754        33194915        .       -
        .
Parent=Smp_138240.1;Name=df60a571-1325-41b0-987c-7332b44ecd8a
SM_V9_3 iris    exon    33194961        33195059        .       -
        .       Parent=Smp_138240.1;Name=1a45abe1-9ef5-4cb0-
bdb8-152138d28525
SM_V9_3 iris    exon    33195106        33195365        .       -
        .       Parent=Smp_138240.1;Name=4cf0719e-17ee-4134-8fdc-
b57c8192577d
SM_V9_3 iris    exon    33196993        33197152        .       -
        .       Parent=Smp_138240.1;Name=fdec343e-a3a0-47cc-
a722-5d193240ac50
SM_V9_3 iris    CDS     33186564        33186834        .       -
        1       Parent=Smp_138240.1
SM_V9_3 iris    CDS     33192053        33192129        .       -
        0       Parent=Smp_138240.1
SM_V9_3 iris    CDS     33194613        33194690        .       -
        0       Parent=Smp_138240.1
SM_V9_3 iris    CDS     33194754        33194915        .       -
        0       Parent=Smp_138240.1
SM_V9_3 iris    CDS     33194961        33195059        .       -
        0       Parent=Smp_138240.1
SM_V9_3 iris    CDS     33195106        33195318        .       -
        0       Parent=Smp_138240.1
SM_V9_3 iris    gene    33202826        33207085        .       +
        .
ID=Smp_029700;geneID=Smp_029700;gene_name=Smp_029700;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    33202826        33207085        .       +
        .
ID=Smp_029700.1;Parent=Smp_029700;geneID=Smp_029700;gene_name=Smp_02
9700;owner=irisadmin@local.host;orig_id=Smp_029700.1;date_last_modif
ied=2022-07-27;Name=Smp_029700.1;product=NF-kappa-B-activating
protein;date_creation=2022-07-27
SM_V9_3 iris    exon    33202826        33202886        .       +
        .       Parent=Smp_029700.1;Name=dab3a3e8-
da1e-45dc-995c-72891068dfca
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SM_V9_3 iris    exon    33205585        33207085        .       +
        .       Parent=Smp_029700.1;Name=0b8cc863-d0b2-4f06-
b5f4-6ffa14009109
SM_V9_3 iris    CDS     33205587        33206708        .       +
        0       Parent=Smp_029700.1
SM_V9_3 iris    gene    33213210        33247223        .       -
        .
ID=Smp_246360;geneID=Smp_246360;gene_name=Smp_246360;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    33213210        33247223        .       -
        .
ID=Smp_246360.1;Parent=Smp_246360;geneID=Smp_246360;gene_name=Smp_24
6360;owner=irisadmin@local.host;orig_id=Smp_246360.1;date_last_modif
ied=2022-07-27;Name=Smp_246360.1;product=RRP12-like
protein;date_creation=2022-07-27
SM_V9_3 iris    exon    33213210        33213713        .       -
        .
Parent=Smp_246360.1;Name=710191e8-2a01-4488-8f66-9ced7bd799dd
SM_V9_3 iris    exon    33214965        33215689        .       -
        .       Parent=Smp_246360.1;Name=9d1020f1-
bde4-4247-9a83-3126f612bb29
SM_V9_3 iris    exon    33218430        33218720        .       -
        .       Parent=Smp_246360.1;Name=78cf0ed0-
daa2-4b18-9378-30141e23cf48
SM_V9_3 iris    exon    33221875        33221966        .       -
        .       Parent=Smp_246360.1;Name=876fd9cb-aacf-4614-8d78-
a26ca40a22b8
SM_V9_3 iris    exon    33223023        33223364        .       -
        .
Parent=Smp_246360.1;Name=1409e94f-0cb1-4a17-9b3f-0fb3affb9087
SM_V9_3 iris    exon    33224255        33224608        .       -
        .       Parent=Smp_246360.1;Name=fa759d59-007c-48a3-99f1-
f5c223fbf342
SM_V9_3 iris    exon    33227242        33227712        .       -
        .
Parent=Smp_246360.1;Name=2fcc4cb4-35f1-4d9b-869d-698928c174c6
SM_V9_3 iris    exon    33228674        33228767        .       -
        .
Parent=Smp_246360.1;Name=e06c1522-8c53-4793-96d9-4578a049c743
SM_V9_3 iris    exon    33230067        33230119        .       -
        .       Parent=Smp_246360.1;Name=29b0f1fb-e320-4aa1-a53b-
def2bfeedb2e
SM_V9_3 iris    exon    33231253        33231404        .       -
        .
Parent=Smp_246360.1;Name=3ff3f883-764c-4c86-95c6-4758a822864f
SM_V9_3 iris    exon    33238631        33239025        .       -
        .
Parent=Smp_246360.1;Name=de33d623-838d-4a97-9e70-870c613223e7
SM_V9_3 iris    exon    33240624        33241054        .       -
        .       Parent=Smp_246360.1;Name=ecba4db1-5ee0-4ed9-9099-
c0c9655ffcb5
SM_V9_3 iris    exon    33243456        33243887        .       -
        .       Parent=Smp_246360.1;Name=dc462880-eeeb-4c81-851a-
d49ec7b00a09
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SM_V9_3 iris    exon    33245044        33245200        .       -
        .       Parent=Smp_246360.1;Name=e45c13d9-7f41-4201-afa7-
cc7b8fa0c8a6
SM_V9_3 iris    exon    33246448        33246704        .       -
        .       Parent=Smp_246360.1;Name=8edbb8f5-dce5-4dc1-a5c8-
cd8e2718c9c4
SM_V9_3 iris    exon    33246738        33246843        .       -
        .
Parent=Smp_246360.1;Name=018b7fc5-87f0-4e54-8306-35cf93936e3f
SM_V9_3 iris    exon    33246875        33246945        .       -
        .       Parent=Smp_246360.1;Name=31dd8c6e-
a3c9-419a-9ae2-5024e64856db
SM_V9_3 iris    exon    33246987        33247223        .       -
        .       Parent=Smp_246360.1;Name=d95fc3cd-dd46-467d-
a781-21bb02b631a4
SM_V9_3 iris    CDS     33213304        33213713        .       -
        2       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33214965        33215689        .       -
        1       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33218430        33218720        .       -
        1       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33221875        33221966        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33223023        33223364        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33224255        33224608        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33227242        33227712        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33228674        33228767        .       -
        1       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33230067        33230119        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33231253        33231404        .       -
        2       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33238631        33239025        .       -
        1       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33240624        33241054        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33243456        33243887        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33245044        33245200        .       -
        1       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33246448        33246704        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33246738        33246843        .       -
        1       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33246875        33246945        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    CDS     33246987        33247193        .       -
        0       Parent=Smp_246360.1
SM_V9_3 iris    gene    33258633        33291073        .       +
        .
ID=Smp_246350;geneID=Smp_246350;gene_name=Smp_246350;owner=irisadmin
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33258633        33291073        .       +
       .
ID=Smp_246350.1;Parent=Smp_246350;geneID=Smp_246350;gene_name=Smp_24
6350;owner=irisadmin@local.host;orig_id=Smp_246350.1;date_last_modif
ied=2022-07-27;Name=Smp_246350.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    33258633        33258720        .       +
       .
Parent=Smp_246350.1;Name=a9ad8d73-41fb-414e-8cd1-5a3594b30332
SM_V9_3 iris    exon    33258756        33258824        .       +
       .
Parent=Smp_246350.1;Name=3394df8d-75c7-47f2-9fe6-7ab49659ab71
SM_V9_3 iris    exon    33258862        33258916        .       +
       .       Parent=Smp_246350.1;Name=991e241d-cd36-4bc2-
b02b-8c20af6329ee
SM_V9_3 iris    exon    33266067        33266158        .       +
       .       Parent=Smp_246350.1;Name=56892799-9a5c-4c40-840c-
e703179c1fc6
SM_V9_3 iris    exon    33270542        33270637        .       +
       .
Parent=Smp_246350.1;Name=3a836eed-5afb-4c58-8ee8-86378d293685
SM_V9_3 iris    exon    33272788        33272892        .       +
       .       Parent=Smp_246350.1;Name=c658b329-ba1c-404a-b7ca-
a8b0e458ac43
SM_V9_3 iris    exon    33274445        33274530        .       +
       .
Parent=Smp_246350.1;Name=2c94189c-6c49-4a64-972a-92939021b4d2
SM_V9_3 iris    exon    33275194        33275269        .       +
       .       Parent=Smp_246350.1;Name=78bf0097-1332-40b5-
a634-05ecd72ccd34
SM_V9_3 iris    exon    33276555        33276754        .       +
       .       Parent=Smp_246350.1;Name=a313c11d-eaa1-4fb4-8ee6-
faaa4713d8e1
SM_V9_3 iris    exon    33283106        33283208        .       +
       .       Parent=Smp_246350.1;Name=72cfeb47-8ac8-448a-
a763-55a7662627d8
SM_V9_3 iris    exon    33287282        33288325        .       +
       .
Parent=Smp_246350.1;Name=6b5f87d1-6706-49d0-895f-0c365cd5a816
SM_V9_3 iris    exon    33290718        33291073        .       +
       .       Parent=Smp_246350.1;Name=5c2ca48e-b867-43c6-8177-
f6d3d2829f0c
SM_V9_3 iris    CDS     33258700        33258720        .       +
       0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33258756        33258824        .       +
       0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33258862        33258916        .       +
       0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33266067        33266158        .       +
       2       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33270542        33270637        .       +
       0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33272788        33272892        .       +
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        0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33274445        33274530        .       +
        0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33275194        33275269        .       +
        1       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33276555        33276754        .       +
        0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33283106        33283208        .       +
        1       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33287282        33288325        .       +
        0       Parent=Smp_246350.1
SM_V9_3 iris    CDS     33290718        33290732        .       +
        0       Parent=Smp_246350.1
SM_V9_3 iris    gene    33294419        33308562        .       -
        .
ID=Smp_029740;geneID=Smp_029740;gene_name=Smp_029740;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33294419        33308562        .       -
        .
ID=Smp_029740.1;Parent=Smp_029740;geneID=Smp_029740;gene_name=Smp_02
9740;owner=irisadmin@local.host;orig_id=Smp_029740.1;date_last_modif
ied=2022-07-27;Name=Smp_029740.1;product=Succinate dehydrogenase
assembly factor 2, mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    33294419        33294900        .       -
        .       Parent=Smp_029740.1;Name=5226f9ac-c4e6-4319-9c35-
c9fe375ee2af
SM_V9_3 iris    exon    33297380        33297489        .       -
        .       Parent=Smp_029740.1;Name=05343cc9-71e7-4594-9913-
f237dd98cb0a
SM_V9_3 iris    exon    33306539        33306859        .       -
        .       Parent=Smp_029740.1;Name=71595e46-2438-4f54-aa5d-
cf0fa4491b9a
SM_V9_3 iris    exon    33308514        33308562        .       -
        .       Parent=Smp_029740.1;Name=4e49dcfb-4526-4967-8149-
ae8c31a5415c
SM_V9_3 iris    CDS     33294791        33294900        .       -
        2       Parent=Smp_029740.1
SM_V9_3 iris    CDS     33297380        33297489        .       -
        1       Parent=Smp_029740.1
SM_V9_3 iris    CDS     33306539        33306765        .       -
        0       Parent=Smp_029740.1
SM_V9_3 Liftoff gene    33314276        33315089        .       +
        .       ID=Smp_029750;geneID=Smp_029750
SM_V9_3 Liftoff mRNA    33314276        33315089        .       +
        .
ID=Smp_029750.1;Parent=Smp_029750;geneID=Smp_029750;product=Pre-
rRNA-processing protein TSR2
homolog;polypeptide_domain=InterPro:IPR019398 Pfam:PF10273
SM_V9_3 Liftoff exon    33314276        33315089        .       +
        .       Parent=Smp_029750.1
SM_V9_3 Liftoff CDS     33314589        33315017        .       +
        0       Parent=Smp_029750.1
SM_V9_3 iris    gene    33317463        33323672        .       -
        .
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ID=Smp_138280;geneID=Smp_138280;gene_name=Smp_138280;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33317463        33323672        .       -
        .
ID=Smp_138280.1;Parent=Smp_138280;geneID=Smp_138280;gene_name=Smp_13
8280;owner=irisadmin@local.host;orig_id=Smp_138280.1;date_last_modif
ied=2022-07-27;Name=Smp_138280.1;product=39S ribosomal protein L44,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    33317463        33317747        .       -
        .       Parent=Smp_138280.1;Name=fa622313-
c910-48fd-85b0-742d72218ca0
SM_V9_3 iris    exon    33318950        33319032        .       -
        .       Parent=Smp_138280.1;Name=3c718c06-c50a-470e-9ce5-
d0422b779f95
SM_V9_3 iris    exon    33320311        33320456        .       -
        .       Parent=Smp_138280.1;Name=fe588216-8702-4cd0-
b966-5f07b80233ad
SM_V9_3 iris    exon    33321816        33322081        .       -
        .       Parent=Smp_138280.1;Name=0127ed99-
cfe6-4359-8fae-28f622e0f38d
SM_V9_3 iris    exon    33323234        33323316        .       -
        .       Parent=Smp_138280.1;Name=c4bbd62a-
ecba-4f0f-997b-69c0b1e95c9a
SM_V9_3 iris    exon    33323359        33323560        .       -
        .       Parent=Smp_138280.1;Name=09564f57-7af7-4882-a41f-
a1b037faabe3
SM_V9_3 iris    exon    33323598        33323672        .       -
        .       Parent=Smp_138280.1;Name=b23bfa3a-bb6a-4298-8deb-
ce3845f3e978
SM_V9_3 iris    CDS     33317545        33317747        .       -
        2       Parent=Smp_138280.1
SM_V9_3 iris    CDS     33318950        33319032        .       -
        1       Parent=Smp_138280.1
SM_V9_3 iris    CDS     33320311        33320456        .       -
        0       Parent=Smp_138280.1
SM_V9_3 iris    CDS     33321816        33322081        .       -
        2       Parent=Smp_138280.1
SM_V9_3 iris    CDS     33323234        33323316        .       -
        1       Parent=Smp_138280.1
SM_V9_3 iris    CDS     33323359        33323560        .       -
        2       Parent=Smp_138280.1
SM_V9_3 iris    CDS     33323598        33323637        .       -
        0       Parent=Smp_138280.1
SM_V9_3 Liftoff gene    33330570        33332982        .       -
        .       ID=Smp_138290;geneID=Smp_138290
SM_V9_3 Liftoff mRNA    33330570        33332982        .       -
        .
ID=Smp_138290.1;Parent=Smp_138290;geneID=Smp_138290;product=Dynein
light chain 1, cytoplasmic;polypeptide_domain=InterPro:IPR001372
Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_3 Liftoff exon    33330570        33332982        .       -
        .       Parent=Smp_138290.1
SM_V9_3 Liftoff CDS     33331286        33332899        .       -
        0       Parent=Smp_138290.1
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SM_V9_3 iris    gene    33361680        33366779        .       +
       .
ID=Smp_246340;geneID=Smp_246340;gene_name=Smp_246340;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    33361680        33366779        .       +
       .
ID=Smp_246340.1;Parent=Smp_246340;geneID=Smp_246340;gene_name=Smp_24
6340;owner=irisadmin@local.host;orig_id=Smp_246340.1;date_last_modif
ied=2022-09-07;Name=Smp_246340.1;product=Cilia- and flagella-
associated protein 161;date_creation=2022-09-07
SM_V9_3 iris    exon    33361680        33361784        .       +
       .       Parent=Smp_246340.1;Name=10a35a87-c951-4c02-8bf7-
f3e2e979480d
SM_V9_3 iris    exon    33361819        33361908        .       +
       .       Parent=Smp_246340.1;Name=59701942-766c-45c6-
a56f-81258a644ed1
SM_V9_3 iris    exon    33361945        33362225        .       +
       .       Parent=Smp_246340.1;Name=2fc1804a-8f55-4b3c-aa4a-
ad83d58a1bfd
SM_V9_3 iris    exon    33363618        33363906        .       +
       .
Parent=Smp_246340.1;Name=1d325532-595d-4adc-93ac-22b14ed5f341
SM_V9_3 iris    exon    33365095        33365168        .       +
       .       Parent=Smp_246340.1;Name=74c0f626-7db3-4e42-903c-
a2958e5b81ef
SM_V9_3 iris    exon    33366292        33366779        .       +
       .
Parent=Smp_246340.1;Name=cb1cddde-6f60-4545-9060-3ee2d5230237
SM_V9_3 iris    CDS     33361713        33361784        .       +
       0       Parent=Smp_246340.1
SM_V9_3 iris    CDS     33361819        33361908        .       +
       0       Parent=Smp_246340.1
SM_V9_3 iris    CDS     33361945        33362225        .       +
       0       Parent=Smp_246340.1
SM_V9_3 iris    CDS     33363618        33363906        .       +
       1       Parent=Smp_246340.1
SM_V9_3 iris    CDS     33365095        33365168        .       +
       0       Parent=Smp_246340.1
SM_V9_3 iris    CDS     33366292        33366541        .       +
       1       Parent=Smp_246340.1
SM_V9_3 iris    gene    33373009        33397349        .       -
       .
ID=Smp_029800;geneID=Smp_029800;gene_name=Smp_029800;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    33373009        33397349        .       -
       .
ID=Smp_029800.1;Parent=Smp_029800;geneID=Smp_029800;gene_name=Smp_02
9800;owner=irisadmin@local.host;orig_id=Smp_029800.1;date_last_modif
ied=2022-09-07;Name=Smp_029800.1;product=Band 4.1-like protein
5;date_creation=2022-09-07
SM_V9_3 iris    exon    33373009        33373737        .       -
       .       Parent=Smp_029800.1;Name=ec9105df-e3e9-4a5d-
a04c-59693e2293e0
SM_V9_3 iris    exon    33376592        33377394        .       -
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        .       Parent=Smp_029800.1;Name=96669008-311c-4cbc-aaac-
b40c416c84d7
SM_V9_3 iris    exon    33381402        33381474        .       -
        .       Parent=Smp_029800.1;Name=8497aa77-9438-40fc-a4a7-
b19c7531cb13
SM_V9_3 iris    exon    33384325        33384413        .       -
        .       Parent=Smp_029800.1;Name=3f6bed38-195f-43d2-a23d-
c199d9ab3e20
SM_V9_3 iris    exon    33385740        33385833        .       -
        .       Parent=Smp_029800.1;Name=0b6151d9-
e756-4526-89e2-4541fa9b0f6e
SM_V9_3 iris    exon    33390529        33390655        .       -
        .       Parent=Smp_029800.1;Name=ac0ac2b4-a4d2-4be3-
a56c-773a017cfcfa
SM_V9_3 iris    exon    33395104        33395283        .       -
        .       Parent=Smp_029800.1;Name=30242f28-b878-488a-
bc52-884cdd5be3a8
SM_V9_3 iris    exon    33396868        33396910        .       -
        .       Parent=Smp_029800.1;Name=f02b25cd-6880-45e3-9a10-
eecc01a62532
SM_V9_3 iris    exon    33396948        33397049        .       -
        .       Parent=Smp_029800.1;Name=05e9046d-b978-403a-a32d-
c3ee51b05f8c
SM_V9_3 iris    exon    33397086        33397349        .       -
        .       Parent=Smp_029800.1;Name=b0681b9f-6e59-4488-836f-
a953b63bfcef
SM_V9_3 iris    CDS     33373719        33373737        .       -
        1       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33376592        33377394        .       -
        0       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33381402        33381474        .       -
        1       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33384325        33384413        .       -
        0       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33385740        33385833        .       -
        1       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33390529        33390655        .       -
        2       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33395104        33395283        .       -
        2       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33396868        33396910        .       -
        0       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33396948        33397049        .       -
        0       Parent=Smp_029800.1
SM_V9_3 iris    CDS     33397086        33397259        .       -
        0       Parent=Smp_029800.1
SM_V9_3 Liftoff gene    33402876        33417848        .       +
        .       ID=Smp_138300;geneID=Smp_138300
SM_V9_3 Liftoff mRNA    33402876        33417848        .       +
        .
ID=Smp_138300.1;Parent=Smp_138300;geneID=Smp_138300;product=Tetraspa
nin-11;polypeptide_domain=InterPro:IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_3 Liftoff exon    33402876        33405497        .       +
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        .       Parent=Smp_138300.1
SM_V9_3 Liftoff exon    33405553        33405744        .       +
        .       Parent=Smp_138300.1
SM_V9_3 Liftoff exon    33405798        33405872        .       +
        .       Parent=Smp_138300.1
SM_V9_3 Liftoff exon    33407955        33408156        .       +
        .       Parent=Smp_138300.1
SM_V9_3 Liftoff exon    33412475        33412644        .       +
        .       Parent=Smp_138300.1
SM_V9_3 Liftoff exon    33415521        33415604        .       +
        .       Parent=Smp_138300.1
SM_V9_3 Liftoff exon    33417317        33417848        .       +
        .       Parent=Smp_138300.1
SM_V9_3 Liftoff CDS     33405423        33405497        .       +
        0       Parent=Smp_138300.1
SM_V9_3 Liftoff CDS     33405553        33405744        .       +
        0       Parent=Smp_138300.1
SM_V9_3 Liftoff CDS     33405798        33405872        .       +
        0       Parent=Smp_138300.1
SM_V9_3 Liftoff CDS     33407955        33408156        .       +
        0       Parent=Smp_138300.1
SM_V9_3 Liftoff CDS     33412475        33412644        .       +
        2       Parent=Smp_138300.1
SM_V9_3 Liftoff CDS     33415521        33415604        .       +
        0       Parent=Smp_138300.1
SM_V9_3 Liftoff CDS     33417317        33417439        .       +
        0       Parent=Smp_138300.1
SM_V9_3 Liftoff mRNA    33402876        33417848        .       +
        .
ID=Smp_138300.2;Parent=Smp_138300;geneID=Smp_138300;product=Tetraspa
nin-11;polypeptide_domain=InterPro:IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_3 Liftoff exon    33402876        33405497        .       +
        .       Parent=Smp_138300.2
SM_V9_3 Liftoff exon    33405553        33405744        .       +
        .       Parent=Smp_138300.2
SM_V9_3 Liftoff exon    33405798        33405872        .       +
        .       Parent=Smp_138300.2
SM_V9_3 Liftoff exon    33407955        33408156        .       +
        .       Parent=Smp_138300.2
SM_V9_3 Liftoff exon    33412475        33412644        .       +
        .       Parent=Smp_138300.2
SM_V9_3 Liftoff exon    33417317        33417848        .       +
        .       Parent=Smp_138300.2
SM_V9_3 Liftoff CDS     33405423        33405497        .       +
        0       Parent=Smp_138300.2
SM_V9_3 Liftoff CDS     33405553        33405744        .       +
        0       Parent=Smp_138300.2
SM_V9_3 Liftoff CDS     33405798        33405872        .       +
        0       Parent=Smp_138300.2
SM_V9_3 Liftoff CDS     33407955        33408156        .       +
        0       Parent=Smp_138300.2
SM_V9_3 Liftoff CDS     33412475        33412644        .       +
        2       Parent=Smp_138300.2
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SM_V9_3 Liftoff CDS     33417317        33417439        .       +
        0       Parent=Smp_138300.2
SM_V9_3 iris    gene    33424456        33424914        .       -
        .
ID=Smp_029820;geneID=Smp_029820;gene_name=Smp_029820;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    33424456        33424914        .       -
        .
ID=Smp_029820.1;Parent=Smp_029820;geneID=Smp_029820;gene_name=Smp_02
9820;owner=irisadmin@local.host;orig_id=Smp_029820.1;date_last_modif
ied=2022-09-07;Name=Smp_029820.1;product=60S acidic ribosomal
protein P2;date_creation=2022-09-07
SM_V9_3 iris    exon    33424456        33424715        .       -
        .
Parent=Smp_029820.1;Name=352e9ca7-1a1f-41c2-8e1f-91dba9fb0f8f
SM_V9_3 iris    exon    33424747        33424914        .       -
        .
Parent=Smp_029820.1;Name=dd09963e-5e43-4dd4-9b68-2c4d5c277bc0
SM_V9_3 iris    CDS     33424494        33424715        .       -
        0       Parent=Smp_029820.1
SM_V9_3 iris    CDS     33424747        33424869        .       -
        0       Parent=Smp_029820.1
SM_V9_3 iris    gene    33437774        33478688        .       +
        .
ID=Smp_138310;geneID=Smp_138310;gene_name=Smp_138310;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33437774        33475518        .       +
        .
ID=Smp_138310.2;Parent=Smp_138310;geneID=Smp_138310;gene_name=Smp_13
8310;owner=irisadmin@local.host;date_last_modified=2022-09-07;Name=S
mp_138310.2;product=Protein phosphatase Slingshot homolog
2;date_creation=2022-09-07
SM_V9_3 iris    exon    33437774        33437969        .       +
        .       Parent=Smp_138310.2;Name=371e0e38-e843-4aec-9e80-
eaa7599e9029
SM_V9_3 iris    exon    33437999        33438087        .       +
        .       Parent=Smp_138310.2;Name=1d24b610-
ca9d-4db8-8474-34ef043b0d83
SM_V9_3 iris    exon    33438119        33438183        .       +
        .       Parent=Smp_138310.2;Name=9f50fe3f-
d5a3-4b77-8367-42d7242c576c
SM_V9_3 iris    exon    33438218        33438405        .       +
        .       Parent=Smp_138310.2;Name=3b8de44e-455b-46f0-
b5fa-1eea59bc3bcf
SM_V9_3 iris    exon    33440269        33440547        .       +
        .       Parent=Smp_138310.2;Name=010703e8-
a247-426d-97e1-3ab820b80aa9
SM_V9_3 iris    exon    33443854        33443904        .       +
        .       Parent=Smp_138310.2;Name=3f4f02cb-c2cf-4201-
a7d5-9ec9cc0016b0
SM_V9_3 iris    exon    33445905        33445995        .       +
        .       Parent=Smp_138310.2;Name=12c661b1-9af4-4a4c-
b92b-350bf05a1447
SM_V9_3 iris    exon    33454235        33454560        .       +
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        .       Parent=Smp_138310.2;Name=17f78c2b-f9b3-40c3-
b1fd-6e2b245abab2
SM_V9_3 iris    exon    33457711        33457771        .       +
        .       Parent=Smp_138310.2;Name=c7ffbd77-99d8-451d-8090-
e25a6d325692
SM_V9_3 iris    exon    33461623        33461762        .       +
        .       Parent=Smp_138310.2;Name=6d059009-fd59-4e79-8c3b-
f5e1f533edd6
SM_V9_3 iris    exon    33466974        33467716        .       +
        .       Parent=Smp_138310.2;Name=18ba269d-defc-4b06-
ba20-0c35622ca25c
SM_V9_3 iris    exon    33469463        33469975        .       +
        .       Parent=Smp_138310.2;Name=9926fe1d-6176-4c4b-
a0fa-3c85cbe99bb9
SM_V9_3 iris    exon    33473852        33474616        .       +
        .       Parent=Smp_138310.2;Name=0ec20082-b469-4805-81ff-
d47d6fdcc757
SM_V9_3 iris    exon    33474981        33475518        .       +
        .       Parent=Smp_138310.2;Name=509c9e40-2b1d-44e4-949f-
f7b0328b5a38
SM_V9_3 iris    CDS     33438015        33438087        .       +
        0       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33438119        33438183        .       +
        2       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33438218        33438405        .       +
        0       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33440269        33440547        .       +
        1       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33443854        33443904        .       +
        1       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33445905        33445995        .       +
        1       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33454235        33454560        .       +
        0       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33457711        33457771        .       +
        1       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33461623        33461762        .       +
        0       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33466974        33467716        .       +
        1       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33469463        33469975        .       +
        2       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33473852        33474616        .       +
        2       Parent=Smp_138310.2
SM_V9_3 iris    CDS     33474981        33475036        .       +
        2       Parent=Smp_138310.2
SM_V9_3 iris    mRNA    33437774        33478688        .       +
        .
ID=Smp_138310.1;Parent=Smp_138310;geneID=Smp_138310;gene_name=Smp_13
8310;owner=irisadmin@local.host;orig_id=Smp_138310.1;date_last_modif
ied=2022-09-07;Name=Smp_138310.1;product=Protein phosphatase
Slingshot homolog 2;date_creation=2022-07-26
SM_V9_3 iris    exon    33437774        33437969        .       +
        .       Parent=Smp_138310.1;Name=fc2d3224-849e-4cb6-
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a4df-7f1bf7cacd36
SM_V9_3 iris    exon    33437999        33438087        .       +
        .       Parent=Smp_138310.1;Name=70fa1be3-0418-451b-9d49-
e8f9bd11b3de
SM_V9_3 iris    exon    33438119        33438183        .       +
        .       Parent=Smp_138310.1;Name=99e3d07e-0606-4243-
a517-95ed95d28e03
SM_V9_3 iris    exon    33438218        33438405        .       +
        .
Parent=Smp_138310.1;Name=ff5a882c-7d6a-419d-9274-5ae0b738a745
SM_V9_3 iris    exon    33440269        33440547        .       +
        .
Parent=Smp_138310.1;Name=a8f69b19-72b2-4b2f-9b1c-7273384e48a4
SM_V9_3 iris    exon    33443854        33443904        .       +
        .       Parent=Smp_138310.1;Name=342c27d7-8de8-4240-
a034-33621b0347fa
SM_V9_3 iris    exon    33445905        33445995        .       +
        .       Parent=Smp_138310.1;Name=211d7c41-5aa2-4ab0-
baad-7406a13278be
SM_V9_3 iris    exon    33454235        33454560        .       +
        .
Parent=Smp_138310.1;Name=6ec5a728-9fce-490a-9877-1cd822015cd6
SM_V9_3 iris    exon    33457711        33457771        .       +
        .       Parent=Smp_138310.1;Name=3ddb2b15-a894-49c2-
bcf8-854e212dd01a
SM_V9_3 iris    exon    33461623        33461762        .       +
        .       Parent=Smp_138310.1;Name=39169cf6-6b7d-4c85-9964-
b287de33b907
SM_V9_3 iris    exon    33466974        33467716        .       +
        .       Parent=Smp_138310.1;Name=a0f247cc-5811-4ba3-
b48c-273a5589561c
SM_V9_3 iris    exon    33469463        33469975        .       +
        .
Parent=Smp_138310.1;Name=627787b0-282e-47e7-9966-5ac5f08afb2f
SM_V9_3 iris    exon    33473852        33474616        .       +
        .       Parent=Smp_138310.1;Name=d80efbae-3504-46ac-973c-
e9bc0e0f5a06
SM_V9_3 iris    exon    33477899        33478688        .       +
        .       Parent=Smp_138310.1;Name=d77b41fa-
d4d9-457a-95b9-97adbdebfb56
SM_V9_3 iris    CDS     33438015        33438087        .       +
        0       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33438119        33438183        .       +
        2       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33438218        33438405        .       +
        0       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33440269        33440547        .       +
        1       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33443854        33443904        .       +
        1       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33445905        33445995        .       +
        1       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33454235        33454560        .       +
        0       Parent=Smp_138310.1
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SM_V9_3 iris    CDS     33457711        33457771        .       +
        1       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33461623        33461762        .       +
        0       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33466974        33467716        .       +
        1       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33469463        33469975        .       +
        2       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33473852        33474616        .       +
        2       Parent=Smp_138310.1
SM_V9_3 iris    CDS     33477899        33478056        .       +
        2       Parent=Smp_138310.1
SM_V9_3 Liftoff gene    33482030        33488465        .       -
        .       ID=Smp_029850;geneID=Smp_029850
SM_V9_3 Liftoff mRNA    33482030        33488465        .       -
        .
ID=Smp_029850.1;Parent=Smp_029850;geneID=Smp_029850;product=3'-5'
exoribonuclease 1;polypeptide_domain=InterPro:IPR012337,IPR013520
Pfam:PF00929;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    33482030        33488465        .       -
        .       Parent=Smp_029850.1
SM_V9_3 Liftoff CDS     33482850        33484580        .       -
        0       Parent=Smp_029850.1
SM_V9_3 iris    gene    33554408        33578010        .       -
        .
ID=Smp_138320;geneID=Smp_138320;gene_name=Smp_138320;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33554408        33578010        .       -
        .
ID=Smp_138320.1;Parent=Smp_138320;geneID=Smp_138320;gene_name=Smp_13
8320;owner=irisadmin@local.host;orig_id=Smp_138320.1;date_last_modif
ied=2022-07-27;Name=Smp_138320.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    33554408        33557710        .       -
        .
Parent=Smp_138320.1;Name=5c2900e2-2f8e-4b54-8720-77647801ca79
SM_V9_3 iris    exon    33559090        33560117        .       -
        .       Parent=Smp_138320.1;Name=6fd67e43-f9d0-4ec4-
a9fc-3431bb0573be
SM_V9_3 iris    exon    33564545        33565453        .       -
        .       Parent=Smp_138320.1;Name=5383793b-
a799-46c9-86a3-5e20d2c96ff4
SM_V9_3 iris    exon    33569061        33569298        .       -
        .
Parent=Smp_138320.1;Name=e35d2bf7-9425-42f1-8715-2590425238ac
SM_V9_3 iris    exon    33577467        33577569        .       -
        .       Parent=Smp_138320.1;Name=68598224-f4b1-481c-
ac6f-94d172211f8b
SM_V9_3 iris    exon    33577603        33577711        .       -
        .       Parent=Smp_138320.1;Name=9c3e63b9-4cb3-4c78-
a1fd-4bd3223faf30
SM_V9_3 iris    exon    33577750        33578010        .       -
        .       Parent=Smp_138320.1;Name=1d7d82e4-6c65-439b-
b24b-25d503099089
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SM_V9_3 iris    CDS     33556703        33557710        .       -
        0       Parent=Smp_138320.1
SM_V9_3 iris    CDS     33559090        33560117        .       -
        2       Parent=Smp_138320.1
SM_V9_3 iris    CDS     33564545        33565453        .       -
        2       Parent=Smp_138320.1
SM_V9_3 iris    CDS     33569061        33569298        .       -
        0       Parent=Smp_138320.1
SM_V9_3 iris    CDS     33577467        33577569        .       -
        1       Parent=Smp_138320.1
SM_V9_3 iris    CDS     33577603        33577711        .       -
        2       Parent=Smp_138320.1
SM_V9_3 iris    CDS     33577750        33577837        .       -
        0       Parent=Smp_138320.1
SM_V9_3 Liftoff gene    33581524        33598741        .       +
        .       ID=Smp_029890;geneID=Smp_029890
SM_V9_3 Liftoff mRNA    33581524        33598741        .       +
        .
ID=Smp_029890.1;Parent=Smp_029890;geneID=Smp_029890;product=Septin-2
;polypeptide_domain=InterPro:IPR016491,IPR027417,IPR030379
Pfam:PF00735;Ontology_term=GO:0005525
SM_V9_3 Liftoff exon    33581524        33581579        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33581611        33581725        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33581759        33581872        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33581910        33581991        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33582025        33582165        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33584490        33584607        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33584651        33584740        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33586741        33587001        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33592113        33592238        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff exon    33598311        33598741        .       +
        .       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33581553        33581579        .       +
        0       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33581611        33581725        .       +
        0       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33581759        33581872        .       +
        2       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33581910        33581991        .       +
        2       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33582025        33582165        .       +
        1       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33584490        33584607        .       +
        1       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33584651        33584740        .       +
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        0       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33586741        33587001        .       +
        0       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33592113        33592238        .       +
        0       Parent=Smp_029890.1
SM_V9_3 Liftoff CDS     33598311        33598475        .       +
        0       Parent=Smp_029890.1
SM_V9_3 iris    gene    33600693        33601662        .       -
        .
ID=Smp_029900;geneID=Smp_029900;gene_name=Smp_029900;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33600693        33601662        .       -
        .
ID=Smp_029900.1;Parent=Smp_029900;geneID=Smp_029900;gene_name=Smp_02
9900;owner=irisadmin@local.host;orig_id=Smp_029900.1;date_last_modif
ied=2022-07-27;Name=Smp_029900.1;product=Peptidyl-prolyl cis-trans
isomerase-like 1;date_creation=2022-07-26
SM_V9_3 iris    exon    33600693        33601049        .       -
        .       Parent=Smp_029900.1;Name=50dd47d9-ebe0-4c1b-badf-
e71885497433
SM_V9_3 iris    exon    33601085        33601231        .       -
        .       Parent=Smp_029900.1;Name=46aca75c-9168-49db-
af85-9ac76d471949
SM_V9_3 iris    exon    33601268        33601491        .       -
        .       Parent=Smp_029900.1;Name=9e95ce35-
a3bf-4f6b-8a12-7a2d0d8d9831
SM_V9_3 iris    exon    33601530        33601662        .       -
        .
Parent=Smp_029900.1;Name=a5d17b9f-7aae-401c-9b8a-3b30fc6f9949
SM_V9_3 iris    CDS     33600970        33601049        .       -
        2       Parent=Smp_029900.1
SM_V9_3 iris    CDS     33601085        33601231        .       -
        2       Parent=Smp_029900.1
SM_V9_3 iris    CDS     33601268        33601491        .       -
        1       Parent=Smp_029900.1
SM_V9_3 iris    CDS     33601530        33601573        .       -
        0       Parent=Smp_029900.1
SM_V9_3 Liftoff gene    33615994        33620506        .       +
        .       ID=Smp_138330;geneID=Smp_138330
SM_V9_3 Liftoff mRNA    33615994        33620506        .       +
        .
ID=Smp_138330.1;Parent=Smp_138330;geneID=Smp_138330;product=Tetraspa
nin-11;polypeptide_domain=InterPro:IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_3 Liftoff exon    33615994        33616269        .       +
        .       Parent=Smp_138330.1
SM_V9_3 Liftoff exon    33616293        33616493        .       +
        .       Parent=Smp_138330.1
SM_V9_3 Liftoff exon    33616525        33616599        .       +
        .       Parent=Smp_138330.1
SM_V9_3 Liftoff exon    33616637        33616753        .       +
        .       Parent=Smp_138330.1
SM_V9_3 Liftoff exon    33616797        33616893        .       +
        .       Parent=Smp_138330.1
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SM_V9_3 Liftoff exon    33619256        33619476        .       +
        .       Parent=Smp_138330.1
SM_V9_3 Liftoff exon    33619529        33619612        .       +
        .       Parent=Smp_138330.1
SM_V9_3 Liftoff exon    33620032        33620506        .       +
        .       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33616174        33616269        .       +
        0       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33616293        33616493        .       +
        0       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33616525        33616599        .       +
        0       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33616637        33616753        .       +
        0       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33616797        33616893        .       +
        0       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33619256        33619476        .       +
        2       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33619529        33619612        .       +
        0       Parent=Smp_138330.1
SM_V9_3 Liftoff CDS     33620032        33620211        .       +
        0       Parent=Smp_138330.1
SM_V9_3 Liftoff gene    33623274        33645284        .       +
        .       ID=Smp_138340;geneID=Smp_138340
SM_V9_3 Liftoff mRNA    33623274        33645284        .       +
        .
ID=Smp_138340.1;Parent=Smp_138340;geneID=Smp_138340;product=Zinc
finger protein
basonuclin-2;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:
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SM_V9_3 Liftoff exon    33623274        33623360        .       +
        .       Parent=Smp_138340.1
SM_V9_3 Liftoff exon    33632079        33632199        .       +
        .       Parent=Smp_138340.1
SM_V9_3 Liftoff exon    33634099        33634358        .       +
        .       Parent=Smp_138340.1
SM_V9_3 Liftoff exon    33635558        33636284        .       +
        .       Parent=Smp_138340.1
SM_V9_3 Liftoff exon    33637987        33638226        .       +
        .       Parent=Smp_138340.1
SM_V9_3 Liftoff exon    33641082        33645284        .       +
        .       Parent=Smp_138340.1
SM_V9_3 Liftoff CDS     33623337        33623360        .       +
        0       Parent=Smp_138340.1
SM_V9_3 Liftoff CDS     33632079        33632199        .       +
        0       Parent=Smp_138340.1
SM_V9_3 Liftoff CDS     33634099        33634358        .       +
        2       Parent=Smp_138340.1
SM_V9_3 Liftoff CDS     33635558        33636284        .       +
        0       Parent=Smp_138340.1
SM_V9_3 Liftoff CDS     33637987        33638226        .       +
        2       Parent=Smp_138340.1
SM_V9_3 Liftoff CDS     33641082        33641272        .       +
        2       Parent=Smp_138340.1
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SM_V9_3 Liftoff gene    33648956        33673250        .       -
        .       ID=Smp_138350;geneID=Smp_138350
SM_V9_3 Liftoff mRNA    33648956        33673250        .       -
        .
ID=Smp_138350.1;Parent=Smp_138350;geneID=Smp_138350;product=Zinc
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basonuclin-2;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:
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SM_V9_3 Liftoff exon    33651339        33651530        .       -
        .       Parent=Smp_138350.1
SM_V9_3 Liftoff exon    33652898        33653338        .       -
        .       Parent=Smp_138350.1
SM_V9_3 Liftoff exon    33657123        33658818        .       -
        .       Parent=Smp_138350.1
SM_V9_3 Liftoff exon    33661372        33661616        .       -
        .       Parent=Smp_138350.1
SM_V9_3 Liftoff exon    33665134        33665254        .       -
        .       Parent=Smp_138350.1
SM_V9_3 Liftoff exon    33672655        33673250        .       -
        .       Parent=Smp_138350.1
SM_V9_3 Liftoff CDS     33649240        33650216        .       -
        2       Parent=Smp_138350.1
SM_V9_3 Liftoff CDS     33651339        33651530        .       -
        2       Parent=Smp_138350.1
SM_V9_3 Liftoff CDS     33652898        33653338        .       -
        2       Parent=Smp_138350.1
SM_V9_3 Liftoff CDS     33657123        33658818        .       -
        0       Parent=Smp_138350.1
SM_V9_3 Liftoff CDS     33661372        33661616        .       -
        2       Parent=Smp_138350.1
SM_V9_3 Liftoff CDS     33665134        33665254        .       -
        0       Parent=Smp_138350.1
SM_V9_3 Liftoff CDS     33672655        33672708        .       -
        0       Parent=Smp_138350.1
SM_V9_3 Liftoff gene    33718034        33718766        .       +
        .
ID=Smp_343210;geneID=Smp_343210;previous_systematic_id=Smp_138360
SM_V9_3 Liftoff mRNA    33718034        33718766        .       +
        .
ID=Smp_343210.1;Parent=Smp_343210;geneID=Smp_343210;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    33718034        33718766        .       +
        .       Parent=Smp_343210.1
SM_V9_3 Liftoff CDS     33718112        33718642        .       +
        0       Parent=Smp_343210.1
SM_V9_3 Liftoff gene    33725324        33740278        .       +
        .
ID=Smp_340620;geneID=Smp_340620;previous_systematic_id=Smp_029930
SM_V9_3 Liftoff mRNA    33725324        33740278        .       +
        .
ID=Smp_340620.1;Parent=Smp_340620;geneID=Smp_340620;product=Hypothet
ical protein
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SM_V9_3 Liftoff exon    33725324        33725714        .       +
        .       Parent=Smp_340620.1
SM_V9_3 Liftoff exon    33731809        33732216        .       +
        .       Parent=Smp_340620.1
SM_V9_3 Liftoff exon    33737129        33737663        .       +
        .       Parent=Smp_340620.1
SM_V9_3 Liftoff exon    33740091        33740278        .       +
        .       Parent=Smp_340620.1
SM_V9_3 Liftoff CDS     33725409        33725714        .       +
        0       Parent=Smp_340620.1
SM_V9_3 Liftoff CDS     33731809        33732216        .       +
        0       Parent=Smp_340620.1
SM_V9_3 Liftoff CDS     33737129        33737663        .       +
        0       Parent=Smp_340620.1
SM_V9_3 Liftoff CDS     33740091        33740155        .       +
        2       Parent=Smp_340620.1
SM_V9_3 iris    gene    33743447        33758450        .       -
        .
ID=Smp_029940;geneID=Smp_029940;gene_name=Smp_029940;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33743447        33758450        .       -
        .
ID=Smp_029940.1;Parent=Smp_029940;geneID=Smp_029940;gene_name=Smp_02
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ied=2022-07-27;Name=Smp_029940.1;product=Ubiquitin-conjugating
enzyme E2 Q2;date_creation=2022-07-26
SM_V9_3 iris    exon    33743447        33744975        .       -
        .       Parent=Smp_029940.1;Name=84227fac-7307-40ba-8616-
b1e16d5ef973
SM_V9_3 iris    exon    33746801        33747004        .       -
        .       Parent=Smp_029940.1;Name=23be4187-0057-4758-
af0c-33fe057cdf8f
SM_V9_3 iris    exon    33748880        33748973        .       -
        .
Parent=Smp_029940.1;Name=5604b53e-852c-49fc-9fed-7615be751bba
SM_V9_3 iris    exon    33750021        33750081        .       -
        .       Parent=Smp_029940.1;Name=ffb4ef4e-e577-4a49-bd61-
ab90d90b6c93
SM_V9_3 iris    exon    33750520        33750604        .       -
        .       Parent=Smp_029940.1;Name=5a328ec4-
e2ca-4478-9e2b-4aa838473ac9
SM_V9_3 iris    exon    33752368        33752455        .       -
        .
Parent=Smp_029940.1;Name=2f2b455c-46f5-49a6-8f9b-2043a498cd41
SM_V9_3 iris    exon    33755009        33755133        .       -
        .       Parent=Smp_029940.1;Name=2707e007-f16b-44de-
ba5c-2cac909eceb6
SM_V9_3 iris    exon    33755646        33755750        .       -
        .
Parent=Smp_029940.1;Name=c9a61860-676c-4344-89fe-8a6497523f2a
SM_V9_3 iris    exon    33755802        33755906        .       -
        .
Parent=Smp_029940.1;Name=4764c0e6-491d-4e81-9e80-3daeddb857e5
SM_V9_3 iris    exon    33758217        33758450        .       -
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        .       Parent=Smp_029940.1;Name=a2b0860e-5012-4506-
a20e-9cb47ae1f9f5
SM_V9_3 iris    CDS     33744877        33744975        .       -
        0       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33746801        33747004        .       -
        0       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33748880        33748973        .       -
        1       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33750021        33750081        .       -
        2       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33750520        33750604        .       -
        0       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33752368        33752455        .       -
        1       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33755009        33755133        .       -
        0       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33755646        33755750        .       -
        0       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33755802        33755906        .       -
        0       Parent=Smp_029940.1
SM_V9_3 iris    CDS     33758217        33758375        .       -
        0       Parent=Smp_029940.1
SM_V9_3 iris    gene    33765762        33780029        .       +
        .
ID=Smp_029970;geneID=Smp_029970;gene_name=Smp_029970;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    33765762        33780029        .       +
        .
ID=Smp_029970.1;Parent=Smp_029970;geneID=Smp_029970;gene_name=Smp_02
9970;owner=irisadmin@local.host;orig_id=Smp_029970.1;date_last_modif
ied=2022-09-07;Name=Smp_029970.1;product=Protein
pad-1;date_creation=2022-09-07
SM_V9_3 iris    exon    33765762        33765881        .       +
        .
Parent=Smp_029970.1;Name=c427bd01-893e-44cb-8fc4-259d35665883
SM_V9_3 iris    exon    33772552        33772652        .       +
        .
Parent=Smp_029970.1;Name=6d7a62da-4785-40a5-9188-7ac48504b897
SM_V9_3 iris    exon    33773923        33774088        .       +
        .
Parent=Smp_029970.1;Name=27f1e618-0a46-48e8-84a9-37eed60d6be3
SM_V9_3 iris    exon    33775509        33775656        .       +
        .       Parent=Smp_029970.1;Name=90cac52e-
f180-4684-9951-2eff0474461e
SM_V9_3 iris    exon    33777946        33778127        .       +
        .       Parent=Smp_029970.1;Name=e272d24f-8cf5-4eee-8e77-
f59d495ee171
SM_V9_3 iris    exon    33779478        33780029        .       +
        .       Parent=Smp_029970.1;Name=ead3ef53-57ff-4718-
ba68-3ea6699f2726
SM_V9_3 iris    CDS     33773945        33774088        .       +
        0       Parent=Smp_029970.1
SM_V9_3 iris    CDS     33775509        33775656        .       +
        0       Parent=Smp_029970.1
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SM_V9_3 iris    CDS     33777946        33778127        .       +
        2       Parent=Smp_029970.1
SM_V9_3 iris    CDS     33779478        33779960        .       +
        0       Parent=Smp_029970.1
SM_V9_3 iris    gene    33797756        33879874        .       +
        .
ID=Smp_029990;geneID=Smp_029990;gene_name=Smp_029990;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    33797756        33879874        .       +
        .
ID=Smp_029990.1;Parent=Smp_029990;geneID=Smp_029990;gene_name=Smp_02
9990;owner=irisadmin@local.host;orig_id=Smp_029990.1;date_last_modif
ied=2022-09-07;Name=Smp_029990.1;product=Dedicator of cytokinesis
protein 1;date_creation=2022-09-07
SM_V9_3 iris    exon    33797756        33797862        .       +
        .
Parent=Smp_029990.1;Name=0de94df8-5b0f-436c-9d15-9a4232edb60c
SM_V9_3 iris    exon    33797900        33797983        .       +
        .       Parent=Smp_029990.1;Name=eb97fead-27a2-40ce-9e1a-
ae193cc5fdae
SM_V9_3 iris    exon    33798019        33798164        .       +
        .       Parent=Smp_029990.1;Name=3cbc8b72-0e29-4a0d-
bb11-55de90250095
SM_V9_3 iris    exon    33798196        33798285        .       +
        .
Parent=Smp_029990.1;Name=665a094a-6f72-44ba-8b72-5a64f0c65301
SM_V9_3 iris    exon    33798319        33798374        .       +
        .       Parent=Smp_029990.1;Name=5be94044-98e8-4e36-
b5ad-959aa3ca1426
SM_V9_3 iris    exon    33798408        33798531        .       +
        .       Parent=Smp_029990.1;Name=d59db88c-bed7-456c-
a780-7fd960f0bd7d
SM_V9_3 iris    exon    33800190        33800546        .       +
        .       Parent=Smp_029990.1;Name=3176f4f3-73df-42ef-83a3-
e0bd5472ed9b
SM_V9_3 iris    exon    33801588        33801895        .       +
        .       Parent=Smp_029990.1;Name=eec282ce-ab85-4184-a4b9-
c7086c3c6d2c
SM_V9_3 iris    exon    33804106        33804310        .       +
        .
Parent=Smp_029990.1;Name=c993c981-6c34-410c-95f0-8bdeffa536b2
SM_V9_3 iris    exon    33813126        33813329        .       +
        .
Parent=Smp_029990.1;Name=df76adc0-2561-4246-9978-250ba32161ae
SM_V9_3 iris    exon    33816954        33817281        .       +
        .       Parent=Smp_029990.1;Name=aa70301a-
e11e-4945-8803-8acc1284ad90
SM_V9_3 iris    exon    33822819        33822922        .       +
        .
Parent=Smp_029990.1;Name=dcc413d5-61b7-4087-96c8-7fadac5af179
SM_V9_3 iris    exon    33827852        33828122        .       +
        .       Parent=Smp_029990.1;Name=3b10d4d6-8d79-4d5c-8afa-
f7688a4930d3
SM_V9_3 iris    exon    33830631        33830734        .       +
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        .
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SM_V9_3 iris    exon    33835543        33836046        .       +
        .       Parent=Smp_029990.1;Name=b0cfb176-94b3-4cc6-
a98d-453f195dad23
SM_V9_3 iris    exon    33838705        33838833        .       +
        .       Parent=Smp_029990.1;Name=e6c5591f-ec66-4d68-
a04b-0562014b825e
SM_V9_3 iris    exon    33841769        33842014        .       +
        .       Parent=Smp_029990.1;Name=b7268865-
b39f-47cf-8f43-27189a7951c1
SM_V9_3 iris    exon    33845319        33845906        .       +
        .       Parent=Smp_029990.1;Name=4cc91f03-da36-47f8-
a8bd-1da0380db923
SM_V9_3 iris    exon    33847583        33848086        .       +
        .       Parent=Smp_029990.1;Name=5810f18d-
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SM_V9_3 iris    exon    33850081        33850339        .       +
        .       Parent=Smp_029990.1;Name=6dec4282-9048-46f6-
a0dd-80c706ee9d6a
SM_V9_3 iris    exon    33852051        33852125        .       +
        .       Parent=Smp_029990.1;Name=661f049c-a63b-42a6-
ae4f-79cb2bddd6e6
SM_V9_3 iris    exon    33854067        33854401        .       +
        .       Parent=Smp_029990.1;Name=4f30946f-9b32-4743-8d29-
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SM_V9_3 iris    exon    33854908        33855039        .       +
        .       Parent=Smp_029990.1;Name=8a9ba44f-edf7-4181-
bf96-47cfbefbc9a3
SM_V9_3 iris    exon    33856750        33856965        .       +
        .       Parent=Smp_029990.1;Name=b7258c9f-39c2-4db2-
aba4-6c7156cea1be
SM_V9_3 iris    exon    33858644        33858978        .       +
        .       Parent=Smp_029990.1;Name=de5bc4b5-9731-45b3-
bf51-659880b68446
SM_V9_3 iris    exon    33861656        33861716        .       +
        .
Parent=Smp_029990.1;Name=e91291a5-16d5-43c4-90e6-4f9fe17f40af
SM_V9_3 iris    exon    33864123        33864227        .       +
        .       Parent=Smp_029990.1;Name=572b5f62-a90f-4848-
bd2c-692fb411ed96
SM_V9_3 iris    exon    33864682        33864852        .       +
        .       Parent=Smp_029990.1;Name=94698fd9-
abb9-4490-90f3-1e190fa83821
SM_V9_3 iris    exon    33868625        33869061        .       +
        .       Parent=Smp_029990.1;Name=9addcf36-907f-43f7-9985-
a26103430785
SM_V9_3 iris    exon    33872028        33872151        .       +
        .
Parent=Smp_029990.1;Name=44c04909-9559-49d2-8e33-99f62b54e404
SM_V9_3 iris    exon    33874444        33874498        .       +
        .       Parent=Smp_029990.1;Name=39fea89f-
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SM_V9_3 iris    exon    33875817        33876352        .       +
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        .       Parent=Smp_029990.1;Name=528ac1e7-
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        .       Parent=Smp_029990.1;Name=1fd312e5-2874-49c7-ab0c-
ef524392d12f
SM_V9_3 iris    CDS     33797817        33797862        .       +
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SM_V9_3 iris    CDS     33797900        33797983        .       +
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SM_V9_3 iris    CDS     33798019        33798164        .       +
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SM_V9_3 iris    CDS     33798196        33798285        .       +
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SM_V9_3 iris    CDS     33798408        33798531        .       +
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SM_V9_3 iris    CDS     33800190        33800546        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33801588        33801895        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33804106        33804310        .       +
        1       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33813126        33813329        .       +
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SM_V9_3 iris    CDS     33816954        33817281        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33822819        33822922        .       +
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SM_V9_3 iris    CDS     33827852        33828122        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33830631        33830734        .       +
        2       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33835543        33836046        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33838705        33838833        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33841769        33842014        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33845319        33845906        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33847583        33848086        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33850081        33850339        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33852051        33852125        .       +
        2       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33854067        33854401        .       +
        2       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33854908        33855039        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33856750        33856965        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33858644        33858978        .       +
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        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33861656        33861716        .       +
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SM_V9_3 iris    CDS     33864123        33864227        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33864682        33864852        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33868625        33869061        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33872028        33872151        .       +
        1       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33874444        33874498        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33875817        33876352        .       +
        2       Parent=Smp_029990.1
SM_V9_3 iris    CDS     33878459        33878557        .       +
        0       Parent=Smp_029990.1
SM_V9_3 iris    gene    33889584        33905281        .       +
        .
ID=Smp_030000;geneID=Smp_030000;gene_name=Smp_030000;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33889584        33905281        .       +
        .
ID=Smp_030000.1;Parent=Smp_030000;geneID=Smp_030000;gene_name=Smp_03
0000;owner=irisadmin@local.host;orig_id=Smp_030000.1;date_last_modif
ied=2022-07-27;Name=Smp_030000.1;product=leucine aminopeptidase (M17
family);date_creation=2022-07-26
SM_V9_3 iris    exon    33889584        33889759        .       +
        .       Parent=Smp_030000.1;Name=1409571d-365d-476b-bcc9-
fdbe89b46266
SM_V9_3 iris    exon    33890741        33890806        .       +
        .
Parent=Smp_030000.1;Name=b8ad4583-3669-4608-976a-7abf29f7e270
SM_V9_3 iris    exon    33892249        33892331        .       +
        .
Parent=Smp_030000.1;Name=8d5115e8-1763-4c8c-9141-3bbb6484ef31
SM_V9_3 iris    exon    33893944        33894079        .       +
        .
Parent=Smp_030000.1;Name=4471e012-8dc3-4df3-836e-7a2ecae0f245
SM_V9_3 iris    exon    33894990        33895272        .       +
        .
Parent=Smp_030000.1;Name=5c2a1e9c-5fc1-4f60-9900-02abab5d4fe1
SM_V9_3 iris    exon    33897553        33897944        .       +
        .       Parent=Smp_030000.1;Name=659dde70-8462-48c1-
bce2-639ec7fb6b46
SM_V9_3 iris    exon    33899877        33899957        .       +
        .       Parent=Smp_030000.1;Name=4ed2ed62-7f4a-4ce7-ab93-
aa72b9a867ca
SM_V9_3 iris    exon    33900694        33900780        .       +
        .       Parent=Smp_030000.1;Name=80a9971e-8fea-43cf-a575-
f6f0b1234775
SM_V9_3 iris    exon    33903518        33903670        .       +
        .       Parent=Smp_030000.1;Name=aeef7fec-be1f-46b8-
b32a-6dff817b4601
```

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SM_V9_3 iris    exon    33904900        33905281        .       +
        .
Parent=Smp_030000.1;Name=cbe62d3d-3b06-4445-833e-19119d2c1d2a
SM_V9_3 iris    CDS     33889613        33889759        .       +
        0       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33890741        33890806        .       +
        0       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33892249        33892331        .       +
        0       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33893944        33894079        .       +
        1       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33894990        33895272        .       +
        0       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33897553        33897944        .       +
        2       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33899877        33899957        .       +
        0       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33900694        33900780        .       +
        0       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33903518        33903670        .       +
        0       Parent=Smp_030000.1
SM_V9_3 iris    CDS     33904900        33905043        .       +
        0       Parent=Smp_030000.1
SM_V9_3 Liftoff gene    33937516        33953393        .       +
        .       ID=Smp_030010;geneID=Smp_030010
SM_V9_3 Liftoff mRNA    33937516        33953393        .       +
        .
ID=Smp_030010.1;Parent=Smp_030010;geneID=Smp_030010;product=Coiled-
coil domain-containing protein 74B;polypeptide_domain=Pfam:PF14916
SM_V9_3 Liftoff exon    33937516        33937906        .       +
        .       Parent=Smp_030010.1
SM_V9_3 Liftoff exon    33937941        33938006        .       +
        .       Parent=Smp_030010.1
SM_V9_3 Liftoff exon    33938043        33938178        .       +
        .       Parent=Smp_030010.1
SM_V9_3 Liftoff exon    33941616        33941781        .       +
        .       Parent=Smp_030010.1
SM_V9_3 Liftoff exon    33943843        33944225        .       +
        .       Parent=Smp_030010.1
SM_V9_3 Liftoff exon    33952557        33953393        .       +
        .       Parent=Smp_030010.1
SM_V9_3 Liftoff CDS     33937672        33937906        .       +
        0       Parent=Smp_030010.1
SM_V9_3 Liftoff CDS     33937941        33938006        .       +
        2       Parent=Smp_030010.1
SM_V9_3 Liftoff CDS     33938043        33938178        .       +
        2       Parent=Smp_030010.1
SM_V9_3 Liftoff CDS     33941616        33941781        .       +
        1       Parent=Smp_030010.1
SM_V9_3 Liftoff CDS     33943843        33944225        .       +
        0       Parent=Smp_030010.1
SM_V9_3 Liftoff CDS     33952557        33952881        .       +
        1       Parent=Smp_030010.1
SM_V9_3 Liftoff gene    33956260        33961625        .       -
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        .       ID=Smp_030020;geneID=Smp_030020
SM_V9_3 Liftoff mRNA    33956260        33961625        .       -
        .
ID=Smp_030020.1;Parent=Smp_030020;geneID=Smp_030020;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR028213 Pfam:PF15364
SM_V9_3 Liftoff exon    33956260        33957176        .       -
        .       Parent=Smp_030020.1
SM_V9_3 Liftoff exon    33960659        33961625        .       -
        .       Parent=Smp_030020.1
SM_V9_3 Liftoff CDS     33956455        33957176        .       -
        2       Parent=Smp_030020.1
SM_V9_3 Liftoff CDS     33960659        33960833        .       -
        0       Parent=Smp_030020.1
SM_V9_3 Liftoff gene    33960887        33961614        .       -
        .       ID=Smp_030030;geneID=Smp_030030
SM_V9_3 Liftoff mRNA    33960887        33961614        .       -
        .
ID=Smp_030030.1;Parent=Smp_030030;geneID=Smp_030030;product=TM2
domain-containing protein
CG11103;polypeptide_domain=InterPro:IPR007829 Pfam:PF05154
SM_V9_3 Liftoff exon    33960887        33961315        .       -
        .       Parent=Smp_030030.1
SM_V9_3 Liftoff exon    33961348        33961614        .       -
        .       Parent=Smp_030030.1
SM_V9_3 Liftoff CDS     33960933        33961315        .       -
        2       Parent=Smp_030030.1
SM_V9_3 Liftoff CDS     33961348        33961588        .       -
        0       Parent=Smp_030030.1
SM_V9_3 iris    gene    33983379        34005811        .       +
        .
ID=Smp_347780;geneID=Smp_347780;gene_name=Smp_347780;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    33983379        34005811        .       +
        .
ID=Smp_347780.1;Parent=Smp_347780;geneID=Smp_347780;gene_name=Smp_34
7780;owner=irisadmin@local.host;orig_id=Smp_347780.1;date_last_modif
ied=2022-07-27;Name=Smp_347780.1;product=Homeobox protein
Nkx-2.6;date_creation=2022-07-26
SM_V9_3 iris    exon    33983379        33984236        .       +
        .
Parent=Smp_347780.1;Name=1db86c31-07d3-4e72-963f-53aade335278
SM_V9_3 iris    exon    33987104        33987519        .       +
        .       Parent=Smp_347780.1;Name=ec0db440-
ab9d-49ae-966d-0fb40eea93a6
SM_V9_3 iris    exon    34003255        34005811        .       +
        .       Parent=Smp_347780.1;Name=3b0d0007-ee08-49b2-9363-
e474034d6939
SM_V9_3 iris    CDS     33983546        33984236        .       +
        0       Parent=Smp_347780.1
SM_V9_3 iris    CDS     33987104        33987519        .       +
        2       Parent=Smp_347780.1
SM_V9_3 iris    CDS     34003255        34004832        .       +
        0       Parent=Smp_347780.1
SM_V9_3 iris    gene    34013015        34041845        .       -
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        .
ID=Smp_308980;geneID=Smp_308980;gene_name=Smp_308980;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_3 iris    mRNA    34013015        34041845        .       -
        .
ID=Smp_308980.1;Parent=Smp_308980;geneID=Smp_308980;gene_name=Smp_30
8980;owner=irisadmin@local.host;orig_id=Smp_309000.1;date_last_modif
ied=2022-08-15;Name=Smp_308980.1;product=PAX-interacting protein
1;date_creation=2022-08-15
SM_V9_3 iris    exon    34013015        34014288        .       -
        .       Parent=Smp_308980.1;Name=b47a50b9-00a8-41ea-b90e-
ec599192042a
SM_V9_3 iris    exon    34016259        34019013        .       -
        .       Parent=Smp_308980.1;Name=Smp_308980.1-CDS
SM_V9_3 iris    exon    34021427        34021750        .       -
        .       Parent=Smp_308980.1;Name=9aee2e42-
b86f-4775-8eaa-71a06ff57966
SM_V9_3 iris    exon    34024132        34025377        .       -
        .       Parent=Smp_308980.1;Name=5cb7ebfc-6af8-4b90-9d78-
a0c275bc64de
SM_V9_3 iris    exon    34026281        34027316        .       -
        .       Parent=Smp_308980.1;Name=53e41c24-5021-48f7-ad52-
af7812e28f1a
SM_V9_3 iris    exon    34029691        34029815        .       -
        .
Parent=Smp_308980.1;Name=68a2f7c7-35c5-417b-9249-50e3fae251d1
SM_V9_3 iris    exon    34031279        34031322        .       -
        .       Parent=Smp_308980.1;Name=6e5bc758-1535-455e-8bbc-
ec569f5c828d
SM_V9_3 iris    exon    34032935        34033128        .       -
        .       Parent=Smp_308980.1;Name=32d3d7f7-
ea56-40bb-8e28-175a597332c1
SM_V9_3 iris    exon    34035538        34035659        .       -
        .       Parent=Smp_308980.1;Name=fd88331d-2950-43ca-8452-
a65c93a5f48e
SM_V9_3 iris    exon    34037397        34037540        .       -
        .       Parent=Smp_308980.1;Name=a3798e3f-0a71-4bca-aaf3-
c46fe947e430
SM_V9_3 iris    exon    34038223        34038893        .       -
        .       Parent=Smp_308980.1;Name=10646bba-6b34-4616-
acbd-7a767a2cb104
SM_V9_3 iris    exon    34039852        34040188        .       -
        .       Parent=Smp_308980.1;Name=d29e214d-8529-4e0c-
bf6d-926f3750ef3e
SM_V9_3 iris    exon    34040689        34041845        .       -
        .       Parent=Smp_308980.1;Name=60c60455-e0bc-4e84-82ff-
e9889e81c09d
SM_V9_3 iris    CDS     34016282        34019013        .       -
        2       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34021427        34021750        .       -
        2       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34024132        34025377        .       -
        0       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34026281        34027316        .       -
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        1       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34029691        34029815        .       -
        0       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34031279        34031322        .       -
        2       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34032935        34033128        .       -
        1       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34035538        34035659        .       -
        0       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34037397        34037540        .       -
        0       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34038223        34038893        .       -
        2       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34039852        34040188        .       -
        0       Parent=Smp_308980.1
SM_V9_3 iris    CDS     34040689        34040700        .       -
        0       Parent=Smp_308980.1
SM_V9_3 iris    gene    34046583        34061365        .       -
        .
ID=Smp_309000;geneID=Smp_309000;gene_name=Smp_309000;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34046583        34061365        .       -
        .
ID=Smp_309000.1;Parent=Smp_309000;geneID=Smp_309000;gene_name=Smp_30
9000;owner=irisadmin@local.host;orig_id=Smp_309000.1;date_last_modif
ied=2022-07-27;Name=Smp_309000.1;product=PAX-interacting protein
1;date_creation=2022-07-26
SM_V9_3 iris    exon    34046583        34046746        .       -
        .       Parent=Smp_309000.1;Name=8f62c6ab-57be-49a0-
afef-88692711a16d
SM_V9_3 iris    exon    34048189        34048857        .       -
        .       Parent=Smp_309000.1;Name=ea3b1908-71a4-45a4-
af8d-44594cbb8cbd
SM_V9_3 iris    exon    34049572        34050023        .       -
        .
Parent=Smp_309000.1;Name=d638e6cd-9e46-42d4-86cf-986e7fc6b75e
SM_V9_3 iris    exon    34051449        34051524        .       -
        .
Parent=Smp_309000.1;Name=b2ea11ca-96c8-4429-8041-043eeafb0d33
SM_V9_3 iris    exon    34052848        34053159        .       -
        .
Parent=Smp_309000.1;Name=05a56808-76d7-49af-9b7e-382ec216ea5f
SM_V9_3 iris    exon    34057359        34057988        .       -
        .       Parent=Smp_309000.1;Name=cdf56a57-
b8d2-4e8e-8d49-41c3134ee062
SM_V9_3 iris    exon    34058440        34058553        .       -
        .
Parent=Smp_309000.1;Name=67e2b389-721b-4ed3-8ba3-1cd8e80c71e7
SM_V9_3 iris    exon    34058604        34058667        .       -
        .       Parent=Smp_309000.1;Name=bcb2df2b-9ec9-48ce-8b7c-
d68da2cf7082
SM_V9_3 iris    exon    34058707        34058750        .       -
        .       Parent=Smp_309000.1;Name=02922b28-e9f1-48d1-903e-
b9b6b02ee04f
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SM_V9_3 iris    exon    34058788        34058925        .       -
        .       Parent=Smp_309000.1;Name=b2798d85-
ad71-4a68-9560-1e0f7f47d0c4
SM_V9_3 iris    exon    34061266        34061365        .       -
        .       Parent=Smp_309000.1;Name=f7f9e8b3-ca83-45aa-
a329-43ee6a262287
SM_V9_3 iris    CDS     34048543        34048857        .       -
        0       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34049572        34050023        .       -
        2       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34051449        34051524        .       -
        0       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34052848        34053159        .       -
        0       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34057359        34057988        .       -
        0       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34058440        34058553        .       -
        0       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34058604        34058667        .       -
        1       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34058707        34058750        .       -
        0       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34058788        34058925        .       -
        0       Parent=Smp_309000.1
SM_V9_3 iris    CDS     34061266        34061325        .       -
        0       Parent=Smp_309000.1
SM_V9_3 Liftoff gene    34078892        34107145        .       -
        .
ID=Smp_311980;geneID=Smp_311980;previous_systematic_id=Smp_138420,Sm
p_212810
SM_V9_3 Liftoff mRNA    34078892        34107145        .       -
        .
ID=Smp_311980.1;Parent=Smp_311980;geneID=Smp_311980;product=PR
domain zinc finger protein 14;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    34078892        34081163        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34083464        34083574        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34085445        34085571        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34086446        34086575        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34087918        34088486        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34091667        34091983        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34094860        34095158        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34097209        34097281        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34102057        34102317        .       -
        .       Parent=Smp_311980.1
SM_V9_3 Liftoff exon    34104469        34107145        .       -
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        .       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34080987        34081163        .       -
        0       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34083464        34083574        .       -
        0       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34085445        34085571        .       -
        1       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34086446        34086575        .       -
        2       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34087918        34088486        .       -
        1       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34091667        34091983        .       -
        0       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34094860        34095158        .       -
        2       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34097209        34097281        .       -
        0       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34102057        34102317        .       -
        0       Parent=Smp_311980.1
SM_V9_3 Liftoff CDS     34104469        34104624        .       -
        0       Parent=Smp_311980.1
SM_V9_3 iris    gene    34119144        34132115        .       -
        .
ID=Smp_138430;geneID=Smp_138430;gene_name=Smp_138430;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    34119144        34132115        .       -
        .
ID=Smp_138430.1;Parent=Smp_138430;geneID=Smp_138430;gene_name=Smp_13
8430;owner=irisadmin@local.host;orig_id=Smp_138430.1;date_last_modif
ied=2022-09-07;Name=Smp_138430.1;product=Regulator of G-protein
signaling egl-10;date_creation=2022-09-07
SM_V9_3 iris    exon    34119144        34120824        .       -
        .       Parent=Smp_138430.1;Name=a0ab047c-
b05d-41b4-9a3e-0a6d7abdd29d
SM_V9_3 iris    exon    34123516        34123745        .       -
        .       Parent=Smp_138430.1;Name=e8691ef0-ff64-48f8-934c-
e612f0d7b951
SM_V9_3 iris    exon    34125883        34126276        .       -
        .       Parent=Smp_138430.1;Name=7bd07682-e6cf-4f50-8c11-
a7d9eaab980a
SM_V9_3 iris    exon    34126826        34126941        .       -
        .       Parent=Smp_138430.1;Name=b547cd3c-
fab3-44d1-9d23-38d3711b3538
SM_V9_3 iris    exon    34128285        34128492        .       -
        .
Parent=Smp_138430.1;Name=a4b7525a-71b9-4fe0-8a5f-8cc2881dc343
SM_V9_3 iris    exon    34130013        34130350        .       -
        .       Parent=Smp_138430.1;Name=1b685376-
d160-44be-8089-3a67cd319638
SM_V9_3 iris    exon    34131566        34131706        .       -
        .       Parent=Smp_138430.1;Name=f4c4c278-30b8-4f51-
b5a7-9d55ea503f2b
SM_V9_3 iris    exon    34131741        34132115        .       -
        .       Parent=Smp_138430.1;Name=72b969b5-4b8f-458b-b111-
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c1fac725dbac
SM_V9_3 iris    CDS     34120435        34120824        .       -
        0       Parent=Smp_138430.1
SM_V9_3 iris    CDS     34123516        34123745        .       -
        2       Parent=Smp_138430.1
SM_V9_3 iris    CDS     34125883        34126276        .       -
        0       Parent=Smp_138430.1
SM_V9_3 iris    CDS     34126826        34126941        .       -
        2       Parent=Smp_138430.1
SM_V9_3 iris    CDS     34128285        34128492        .       -
        0       Parent=Smp_138430.1
SM_V9_3 iris    CDS     34130013        34130350        .       -
        2       Parent=Smp_138430.1
SM_V9_3 iris    CDS     34131566        34131706        .       -
        2       Parent=Smp_138430.1
SM_V9_3 iris    CDS     34131741        34132056        .       -
        0       Parent=Smp_138430.1
SM_V9_3 Liftoff gene    34145786        34181535        .       +
        .       ID=Smp_030110;geneID=Smp_030110
SM_V9_3 Liftoff mRNA    34145786        34181535        .       +
        .
ID=Smp_030110.1;Parent=Smp_030110;geneID=Smp_030110;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    34145786        34147325        .       +
        .       Parent=Smp_030110.1
SM_V9_3 Liftoff exon    34149784        34149921        .       +
        .       Parent=Smp_030110.1
SM_V9_3 Liftoff exon    34151444        34151641        .       +
        .       Parent=Smp_030110.1
SM_V9_3 Liftoff exon    34155867        34156017        .       +
        .       Parent=Smp_030110.1
SM_V9_3 Liftoff exon    34161038        34161654        .       +
        .       Parent=Smp_030110.1
SM_V9_3 Liftoff exon    34178510        34181535        .       +
        .       Parent=Smp_030110.1
SM_V9_3 Liftoff CDS     34147251        34147325        .       +
        0       Parent=Smp_030110.1
SM_V9_3 Liftoff CDS     34149784        34149921        .       +
        0       Parent=Smp_030110.1
SM_V9_3 Liftoff CDS     34151444        34151641        .       +
        0       Parent=Smp_030110.1
SM_V9_3 Liftoff CDS     34155867        34156017        .       +
        0       Parent=Smp_030110.1
SM_V9_3 Liftoff CDS     34161038        34161654        .       +
        2       Parent=Smp_030110.1
SM_V9_3 Liftoff CDS     34178510        34178674        .       +
        0       Parent=Smp_030110.1
SM_V9_3 iris    gene    34190907        34274892        .       -
        .
ID=Smp_316460;geneID=Smp_316460;gene_name=Smp_316460;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34190907        34274892        .       -
        .
ID=Smp_316460.1;Parent=Smp_316460;geneID=Smp_316460;gene_name=Smp_31
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6460;owner=irisadmin@local.host;orig_id=Smp_316460.1;date_last_modif
ied=2022-07-27;Name=Smp_316460.1;product=E3 ubiquitin-protein ligase
UBR3;date_creation=2022-07-26
SM_V9_3 iris    exon    34190907        34192867        .       -
        .       Parent=Smp_316460.1;Name=734d8a02-ec01-49e0-
a605-52d1f5302b3a
SM_V9_3 iris    exon    34195809        34195948        .       -
        .       Parent=Smp_316460.1;Name=ce48083b-4b12-4f6a-b98b-
f122bccfa08e
SM_V9_3 iris    exon    34198950        34199147        .       -
        .       Parent=Smp_316460.1;Name=b7f86ea4-051c-4c32-98e6-
b2998e0f73d6
SM_V9_3 iris    exon    34200647        34201042        .       -
        .       Parent=Smp_316460.1;Name=fe3601dd-a473-46a7-8a63-
fe3c787dece9
SM_V9_3 iris    exon    34202473        34203018        .       -
        .
Parent=Smp_316460.1;Name=f4549600-8ae7-46d8-8e21-988f8cef7918
SM_V9_3 iris    exon    34204498        34204640        .       -
        .
Parent=Smp_316460.1;Name=3b200723-9d54-4899-9885-3320515f36ac
SM_V9_3 iris    exon    34206065        34206141        .       -
        .       Parent=Smp_316460.1;Name=9b5f22eb-f42f-4d18-b491-
b64b029b50f1
SM_V9_3 iris    exon    34207465        34207579        .       -
        .
Parent=Smp_316460.1;Name=11a0de2f-0f9e-4655-82ee-7358acec7e05
SM_V9_3 iris    exon    34209841        34209920        .       -
        .       Parent=Smp_316460.1;Name=fb72b1d1-8396-41f1-
ae2e-86f348aed120
SM_V9_3 iris    exon    34210983        34211113        .       -
        .       Parent=Smp_316460.1;Name=27f0452b-1078-419b-93ea-
d9fecd03c07e
SM_V9_3 iris    exon    34211538        34211723        .       -
        .       Parent=Smp_316460.1;Name=ce9b82bd-
ce2e-4588-8435-2a2be086711e
SM_V9_3 iris    exon    34212967        34213457        .       -
        .       Parent=Smp_316460.1;Name=fdbd3b1b-b9c5-4172-
ba92-4152a86e0678
SM_V9_3 iris    exon    34214404        34214535        .       -
        .
Parent=Smp_316460.1;Name=48032927-0ba4-43c9-988d-6dee74241175
SM_V9_3 iris    exon    34217369        34217541        .       -
        .       Parent=Smp_316460.1;Name=df9fd720-d1fe-4ba5-8f95-
f3151c9ef1ec
SM_V9_3 iris    exon    34219892        34220297        .       -
        .       Parent=Smp_316460.1;Name=8c0595da-72d9-43af-
a921-2e7966fccc77
SM_V9_3 iris    exon    34221453        34222018        .       -
        .       Parent=Smp_316460.1;Name=b8f81fc7-df40-4372-
a65b-9db10f0e445a
SM_V9_3 iris    exon    34224625        34225439        .       -
        .       Parent=Smp_316460.1;Name=7e59186f-ad35-4140-
afa0-745a9152ec57
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SM_V9_3 iris    exon    34226781        34226900        .       -
        .       Parent=Smp_316460.1;Name=40ff84d8-51d3-4901-
a160-6e5f5d7d6bf7
SM_V9_3 iris    exon    34228621        34228768        .       -
        .
Parent=Smp_316460.1;Name=87286e15-1d10-47f5-9747-4f3d06495b30
SM_V9_3 iris    exon    34232256        34232425        .       -
        .       Parent=Smp_316460.1;Name=4eeb8cf2-
d75a-457c-9e03-59c75a85652c
SM_V9_3 iris    exon    34232941        34233086        .       -
        .
Parent=Smp_316460.1;Name=bf05a728-3374-48d8-992a-02b45602edd9
SM_V9_3 iris    exon    34237909        34238110        .       -
        .       Parent=Smp_316460.1;Name=9a1539b2-f676-41fd-959d-
f8250aeaf98d
SM_V9_3 iris    exon    34242784        34242912        .       -
        .       Parent=Smp_316460.1;Name=f2773404-3e6d-43ae-
a2f7-574eff6e05a3
SM_V9_3 iris    exon    34245516        34245794        .       -
        .       Parent=Smp_316460.1;Name=b122d3b4-10c5-4c4d-84a3-
c8e64c4ff6b0
SM_V9_3 iris    exon    34246746        34246880        .       -
        .
Parent=Smp_316460.1;Name=a01257f8-06bf-4b85-85e4-0142e427e25e
SM_V9_3 iris    exon    34249730        34249909        .       -
        .
Parent=Smp_316460.1;Name=4d0bf73f-2dee-4cda-896d-8b75515b5b26
SM_V9_3 iris    exon    34254241        34254474        .       -
        .       Parent=Smp_316460.1;Name=0bbe0618-5590-452e-b1c3-
b1198138d3a5
SM_V9_3 iris    exon    34256580        34256710        .       -
        .       Parent=Smp_316460.1;Name=7711efea-5aa9-4d53-b6d8-
e9edc1e4a14b
SM_V9_3 iris    exon    34258098        34258169        .       -
        .       Parent=Smp_316460.1;Name=14297292-069a-4c3b-98e7-
e257dce8c340
SM_V9_3 iris    exon    34272868        34273142        .       -
        .       Parent=Smp_316460.1;Name=a6b942a3-e34f-4fc2-afa6-
fe6ca75fc043
SM_V9_3 iris    exon    34273996        34274209        .       -
        .
Parent=Smp_316460.1;Name=622222c8-0e60-46fc-8e8c-991125f94524
SM_V9_3 iris    exon    34274253        34274669        .       -
        .       Parent=Smp_316460.1;Name=ba194934-7f9c-4f8e-8066-
ffdf7c601d49
SM_V9_3 iris    exon    34274852        34274892        .       -
        .       Parent=Smp_316460.1;Name=c49c6bb6-f0a9-4091-
aaf3-20ec319525a0
SM_V9_3 iris    CDS     34192762        34192867        .       -
        1       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34195809        34195948        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34198950        34199147        .       -
        0       Parent=Smp_316460.1
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SM_V9_3 iris    CDS     34200647        34201042        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34202473        34203018        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34204498        34204640        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34206065        34206141        .       -
        1       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34207465        34207579        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34209841        34209920        .       -
        1       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34210983        34211113        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34211538        34211723        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34212967        34213457        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34214404        34214535        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34217369        34217541        .       -
        1       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34219892        34220297        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34221453        34222018        .       -
        1       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34224625        34225439        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34226781        34226900        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34228621        34228768        .       -
        1       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34232256        34232425        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34232941        34233086        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34237909        34238110        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34242784        34242912        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34245516        34245794        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34246746        34246880        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34249730        34249909        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34254241        34254474        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34256580        34256710        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34258098        34258169        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34272868        34273142        .       -
        1       Parent=Smp_316460.1
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SM_V9_3 iris    CDS     34273996        34274209        .       -
        2       Parent=Smp_316460.1
SM_V9_3 iris    CDS     34274253        34274532        .       -
        0       Parent=Smp_316460.1
SM_V9_3 iris    gene    34307932        34316208        .       +
        .
ID=Smp_326430;geneID=Smp_326430;gene_name=Smp_326430;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34307932        34316208        .       +
        .
ID=Smp_326430.1;Parent=Smp_326430;geneID=Smp_326430;gene_name=Smp_32
6430;owner=irisadmin@local.host;orig_id=Smp_326430.2;date_last_modif
ied=2022-07-27;Name=Smp_326430.1;product=Exosome complex component
MTR3;date_creation=2022-07-26
SM_V9_3 iris    exon    34307932        34307961        .       +
        .       Parent=Smp_326430.1;Name=dfcf71f5-4473-4b3b-89ff-
f9828cde8df5
SM_V9_3 iris    exon    34312023        34312167        .       +
        .       Parent=Smp_326430.1;Name=0e34874f-f695-46d0-8acd-
e1cd5c10fa16
SM_V9_3 iris    exon    34312200        34312230        .       +
        .
Parent=Smp_326430.1;Name=910a7f6b-756b-4a1e-9e5f-12f40f4207ad
SM_V9_3 iris    exon    34312264        34312358        .       +
        .       Parent=Smp_326430.1;Name=01e1e39b-57d1-4d96-a631-
df3a145b76a6
SM_V9_3 iris    exon    34312405        34312542        .       +
        .       Parent=Smp_326430.1;Name=dd718f5a-34ef-4349-9ae3-
dea66d81bf5a
SM_V9_3 iris    exon    34315816        34316208        .       +
        .       Parent=Smp_326430.1;Name=7d2657e1-b4fa-4a46-8589-
d8b7bc825c0b
SM_V9_3 iris    CDS     34312096        34312167        .       +
        0       Parent=Smp_326430.1
SM_V9_3 iris    CDS     34312200        34312230        .       +
        0       Parent=Smp_326430.1
SM_V9_3 iris    CDS     34312264        34312358        .       +
        2       Parent=Smp_326430.1
SM_V9_3 iris    CDS     34312405        34312542        .       +
        0       Parent=Smp_326430.1
SM_V9_3 iris    CDS     34315816        34316199        .       +
        0       Parent=Smp_326430.1
SM_V9_3 Liftoff gene    34319841        34329223        .       -
        .
ID=Smp_337750;geneID=Smp_337750;previous_systematic_id=Smp_120980,Sm
p_213380
SM_V9_3 Liftoff mRNA    34319841        34329223        .       -
        .
ID=Smp_337750.1;Parent=Smp_337750;geneID=Smp_337750;product=DNA
repair protein SWI5 homolog;polypeptide_domain=InterPro:IPR010760
Pfam:PF07061
SM_V9_3 Liftoff exon    34319841        34320422        .       -
        .       Parent=Smp_337750.1
SM_V9_3 Liftoff exon    34322362        34329223        .       -
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        .       Parent=Smp_337750.1
SM_V9_3 Liftoff CDS     34320057        34320422        .       -
        0       Parent=Smp_337750.1
SM_V9_3 Liftoff CDS     34322362        34322514        .       -
        0       Parent=Smp_337750.1
SM_V9_3 Liftoff mRNA    34319841        34329223        .       -
        .
ID=Smp_337750.2;Parent=Smp_337750;geneID=Smp_337750;product=Inhibito
r of growth protein
4;polypeptide_domain=InterPro:IPR001965,IPR011011,IPR013083,IPR01978
6,IPR019787,IPR024610 Pfam:PF12998
SM_V9_3 Liftoff exon    34319841        34323003        .       -
        .       Parent=Smp_337750.2
SM_V9_3 Liftoff exon    34324294        34324363        .       -
        .       Parent=Smp_337750.2
SM_V9_3 Liftoff exon    34324399        34324695        .       -
        .       Parent=Smp_337750.2
SM_V9_3 Liftoff exon    34329140        34329223        .       -
        .       Parent=Smp_337750.2
SM_V9_3 Liftoff CDS     34322745        34323003        .       -
        1       Parent=Smp_337750.2
SM_V9_3 Liftoff CDS     34324294        34324363        .       -
        2       Parent=Smp_337750.2
SM_V9_3 Liftoff CDS     34324399        34324695        .       -
        2       Parent=Smp_337750.2
SM_V9_3 Liftoff CDS     34329140        34329167        .       -
        0       Parent=Smp_337750.2
SM_V9_3 iris    gene    34334383        34335024        .       -
        .
ID=Smp_120960;geneID=Smp_120960;gene_name=Smp_120960;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    34334383        34335024        .       -
        .
ID=Smp_120960.1;Parent=Smp_120960;geneID=Smp_120960;gene_name=Smp_12
0960;owner=irisadmin@local.host;orig_id=Smp_120960.1;date_last_modif
ied=2022-09-07;Name=Smp_120960.1;product=Exosome complex component
MTR3;date_creation=2022-09-07
SM_V9_3 iris    exon    34334383        34334634        .       -
        .       Parent=Smp_120960.1;Name=f56298f4-f429-4658-9b7f-
fc8aa40b8de4
SM_V9_3 iris    exon    34334681        34334775        .       -
        .       Parent=Smp_120960.1;Name=5c62ce58-3f9f-46bd-89ae-
d0f066d9bf45
SM_V9_3 iris    exon    34334809        34334839        .       -
        .       Parent=Smp_120960.1;Name=8ca4a0ee-e2d1-4769-804e-
ce04c8366ad3
SM_V9_3 iris    exon    34334872        34335024        .       -
        .
Parent=Smp_120960.1;Name=8f9deea5-263b-4389-899f-64e72fc8e65c
SM_V9_3 iris    CDS     34334410        34334634        .       -
        0       Parent=Smp_120960.1
SM_V9_3 iris    CDS     34334681        34334775        .       -
        2       Parent=Smp_120960.1
SM_V9_3 iris    CDS     34334809        34334839        .       -
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        0       Parent=Smp_120960.1
SM_V9_3 iris    CDS     34334872        34334943        .       -
        0       Parent=Smp_120960.1
SM_V9_3 Liftoff gene    34346637        34378473        .       +
        .       ID=Smp_030150;geneID=Smp_030150
SM_V9_3 Liftoff mRNA    34346637        34378473        .       +
        .
ID=Smp_030150.1;Parent=Smp_030150;geneID=Smp_030150;product=Homer
protein homolog 2;polypeptide_domain=InterPro:IPR000697,IPR011993
Pfam:PF00568
SM_V9_3 Liftoff exon    34346637        34346711        .       +
        .       Parent=Smp_030150.1
SM_V9_3 Liftoff exon    34350000        34350168        .       +
        .       Parent=Smp_030150.1
SM_V9_3 Liftoff exon    34351676        34351807        .       +
        .       Parent=Smp_030150.1
SM_V9_3 Liftoff exon    34363553        34363639        .       +
        .       Parent=Smp_030150.1
SM_V9_3 Liftoff exon    34376154        34376588        .       +
        .       Parent=Smp_030150.1
SM_V9_3 Liftoff exon    34377518        34378473        .       +
        .       Parent=Smp_030150.1
SM_V9_3 Liftoff CDS     34346707        34346711        .       +
        0       Parent=Smp_030150.1
SM_V9_3 Liftoff CDS     34350000        34350168        .       +
        1       Parent=Smp_030150.1
SM_V9_3 Liftoff CDS     34351676        34351807        .       +
        0       Parent=Smp_030150.1
SM_V9_3 Liftoff CDS     34363553        34363639        .       +
        0       Parent=Smp_030150.1
SM_V9_3 Liftoff CDS     34376154        34376588        .       +
        0       Parent=Smp_030150.1
SM_V9_3 Liftoff CDS     34377518        34377847        .       +
        0       Parent=Smp_030150.1
SM_V9_3 iris    gene    34379984        34384764        .       -
        .
ID=Smp_138470;geneID=Smp_138470;gene_name=Smp_138470;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    34379984        34384764        .       -
        .
ID=Smp_138470.1;Parent=Smp_138470;geneID=Smp_138470;gene_name=Smp_13
8470;owner=irisadmin@local.host;orig_id=Smp_138470.1;date_last_modif
ied=2022-09-07;Name=Smp_138470.1;product=Guanylate
kinase;date_creation=2022-09-07
SM_V9_3 iris    exon    34379984        34381003        .       -
        .       Parent=Smp_138470.1;Name=3c2efb71-6380-4627-a6ad-
ce73b93c5cda
SM_V9_3 iris    exon    34384735        34384764        .       -
        .       Parent=Smp_138470.1;Name=7e8d2804-58dc-450b-8a06-
f94e2ffee031
SM_V9_3 iris    CDS     34380176        34380997        .       -
        0       Parent=Smp_138470.1
SM_V9_3 iris    gene    34402514        34404133        .       -
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ID=Smp_138480;geneID=Smp_138480;gene_name=Smp_138480;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34402514        34404133        .       -
       .
ID=Smp_138480.1;Parent=Smp_138480;geneID=Smp_138480;gene_name=Smp_13
8480;owner=irisadmin@local.host;orig_id=Smp_138480.1;date_last_modif
ied=2022-07-27;Name=Smp_138480.1;product=Nuclear envelope integral
membrane protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    34402514        34404133        .       -
       .       Parent=Smp_138480.1;Name=Smp_138480.1-CDS
SM_V9_3 iris    CDS     34402645        34404090        .       -
       0       Parent=Smp_138480.1
SM_V9_3 Liftoff gene    34411727        34416601        .       +
       .       ID=Smp_030180;geneID=Smp_030180
SM_V9_3 Liftoff mRNA    34411727        34416601        .       +
       .
ID=Smp_030180.1;Parent=Smp_030180;geneID=Smp_030180;product=Ubiquiti
n-related modifier
1;polypeptide_domain=InterPro:IPR012675,IPR015221,IPR016155
Pfam:PF09138;Ontology_term=GO:0005737,GO:0034227
SM_V9_3 Liftoff exon    34411727        34416601        .       +
       .       Parent=Smp_030180.1
SM_V9_3 Liftoff CDS     34416289        34416576        .       +
       0       Parent=Smp_030180.1
SM_V9_3 iris    gene    34416604        34423403        .       -
       .
ID=Smp_343220;geneID=Smp_343220;gene_name=Smp_343220;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34416604        34423403        .       -
       .
ID=Smp_343220.1;Parent=Smp_343220;geneID=Smp_343220;gene_name=Smp_34
3220;owner=irisadmin@local.host;orig_id=Smp_343220.1;date_last_modif
ied=2022-07-27;Name=Smp_343220.1;product=Bardet-Biedl syndrome 5
protein homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    34416604        34416812        .       -
       .
Parent=Smp_343220.1;Name=c87388db-191c-45f1-93d9-7ce96d3bfac3
SM_V9_3 iris    exon    34417548        34417619        .       -
       .       Parent=Smp_343220.1;Name=145796e0-f417-4d3b-bb9b-
aa6b4c15352c
SM_V9_3 iris    exon    34419838        34419987        .       -
       .       Parent=Smp_343220.1;Name=e1f7def6-1bad-4403-
a558-1513375de509
SM_V9_3 iris    exon    34422269        34422331        .       -
       .       Parent=Smp_343220.1;Name=9d7e47bc-519b-410d-b484-
bb1930484f88
SM_V9_3 iris    exon    34422369        34422464        .       -
       .
Parent=Smp_343220.1;Name=b2565b90-12cf-49fb-9e5a-27ea1104fa77
SM_V9_3 iris    exon    34422499        34422634        .       -
       .       Parent=Smp_343220.1;Name=76416c90-bbe0-4508-
b107-791e5c8ef618
SM_V9_3 iris    exon    34422671        34422794        .       -
       .       Parent=Smp_343220.1;Name=b011632e-
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f396-46fc-8938-785cf6171928
SM_V9_3 iris    exon    34422832        34422881        .       -
        .       Parent=Smp_343220.1;Name=e65d0e39-d3a8-409d-9867-
bfb16b1e0c31
SM_V9_3 iris    exon    34422920        34422985        .       -
        .
Parent=Smp_343220.1;Name=ccc818b5-1fed-474f-8c57-31bdb250c723
SM_V9_3 iris    exon    34423037        34423403        .       -
        .       Parent=Smp_343220.1;Name=8bd2626a-6584-4ae6-a0fb-
e0e49a4d03d9
SM_V9_3 iris    CDS     34416669        34416812        .       -
        0       Parent=Smp_343220.1
SM_V9_3 iris    CDS     34417548        34417619        .       -
        0       Parent=Smp_343220.1
SM_V9_3 iris    CDS     34419838        34419987        .       -
        0       Parent=Smp_343220.1
SM_V9_3 iris    CDS     34422269        34422331        .       -
        0       Parent=Smp_343220.1
SM_V9_3 iris    CDS     34422369        34422464        .       -
        0       Parent=Smp_343220.1
SM_V9_3 iris    CDS     34422499        34422634        .       -
        1       Parent=Smp_343220.1
SM_V9_3 iris    CDS     34422671        34422794        .       -
        2       Parent=Smp_343220.1
SM_V9_3 iris    CDS     34422832        34422832        .       -
        0       Parent=Smp_343220.1
SM_V9_3 Liftoff gene    34432897        34483451        .       +
        .       ID=Smp_138500;geneID=Smp_138500
SM_V9_3 Liftoff mRNA    34432897        34483451        .       +
        .
ID=Smp_138500.1;Parent=Smp_138500;geneID=Smp_138500;product=ARF
GTPase-activating protein
GIT2;polypeptide_domain=InterPro:IPR001164,IPR002110,IPR013724,IPR02
0683,IPR022018
Pfam:PF01412,PF08518,PF12205,PF13637;Ontology_term=GO:0005096,GO:000
5515
SM_V9_3 Liftoff exon    34432897        34437122        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34437166        34437507        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34438340        34438489        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34448764        34449246        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34454212        34455099        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34463850        34464590        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34476973        34477741        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34479589        34480076        .       +
        .       Parent=Smp_138500.1
SM_V9_3 Liftoff exon    34482237        34483451        .       +
        .       Parent=Smp_138500.1
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SM_V9_3 Liftoff CDS     34436991        34437122        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34437166        34437507        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34438340        34438489        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34448764        34449246        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34454212        34455099        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34463850        34464590        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34476973        34477741        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34479589        34480076        .       +
        2       Parent=Smp_138500.1
SM_V9_3 Liftoff CDS     34482237        34482587        .       +
        0       Parent=Smp_138500.1
SM_V9_3 Liftoff gene    34487880        34491893        .       -
        .       ID=Smp_030220;geneID=Smp_030220
SM_V9_3 Liftoff mRNA    34487880        34491893        .       -
        .
ID=Smp_030220.1;Parent=Smp_030220;geneID=Smp_030220;product=Glycerol
-3-phosphate
phosphatase;polypeptide_domain=InterPro:IPR006349,IPR006357,IPR02321
4 Pfam:PF13242,PF13344;Ontology_term=GO:0008152,GO:0016791
SM_V9_3 Liftoff exon    34487880        34488293        .       -
        .       Parent=Smp_030220.1
SM_V9_3 Liftoff exon    34489769        34489910        .       -
        .       Parent=Smp_030220.1
SM_V9_3 Liftoff exon    34491198        34491339        .       -
        .       Parent=Smp_030220.1
SM_V9_3 Liftoff exon    34491370        34491426        .       -
        .       Parent=Smp_030220.1
SM_V9_3 Liftoff exon    34491461        34491598        .       -
        .       Parent=Smp_030220.1
SM_V9_3 Liftoff exon    34491629        34491789        .       -
        .       Parent=Smp_030220.1
SM_V9_3 Liftoff exon    34491820        34491893        .       -
        .       Parent=Smp_030220.1
SM_V9_3 Liftoff CDS     34488116        34488293        .       -
        1       Parent=Smp_030220.1
SM_V9_3 Liftoff CDS     34489769        34489910        .       -
        2       Parent=Smp_030220.1
SM_V9_3 Liftoff CDS     34491198        34491339        .       -
        0       Parent=Smp_030220.1
SM_V9_3 Liftoff CDS     34491370        34491426        .       -
        0       Parent=Smp_030220.1
SM_V9_3 Liftoff CDS     34491461        34491598        .       -
        0       Parent=Smp_030220.1
SM_V9_3 Liftoff CDS     34491629        34491789        .       -
        2       Parent=Smp_030220.1
SM_V9_3 Liftoff CDS     34491820        34491880        .       -
        0       Parent=Smp_030220.1
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SM_V9_3 iris    gene    34522148        34549522        .       +
       .
ID=Smp_138510;geneID=Smp_138510;gene_name=Smp_138510;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34522148        34549522        .       +
       .
ID=Smp_138510.1;Parent=Smp_138510;geneID=Smp_138510;gene_name=Smp_13
8510;owner=irisadmin@local.host;orig_id=Smp_138510.1;date_last_modif
ied=2022-07-27;Name=Smp_138510.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    34522148        34522909        .       +
       .       Parent=Smp_138510.1;Name=Smp_138510.1-CDS
SM_V9_3 iris    exon    34548898        34549522        .       +
       .
Parent=Smp_138510.1;Name=0421b361-2046-4cf2-96b4-6129da410de8
SM_V9_3 iris    CDS     34522271        34522909        .       +
       0       Parent=Smp_138510.1
SM_V9_3 iris    CDS     34548898        34549254        .       +
       0       Parent=Smp_138510.1
SM_V9_3 iris    gene    34585440        34589271        .       +
       .
ID=Smp_030250;geneID=Smp_030250;gene_name=Smp_030250;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34585440        34589271        .       +
       .
ID=Smp_030250.1;Parent=Smp_030250;geneID=Smp_030250;gene_name=Smp_03
0250;owner=irisadmin@local.host;orig_id=Smp_030250.1;date_last_modif
ied=2022-07-27;Name=Smp_030250.1;product=NF-YA
subunit;date_creation=2022-07-26
SM_V9_3 iris    exon    34585440        34585621        .       +
       .
Parent=Smp_030250.1;Name=955ee879-273a-4032-8a38-60ab3bc98df8
SM_V9_3 iris    exon    34587591        34588393        .       +
       .
Parent=Smp_030250.1;Name=958f823f-4892-45f9-9023-82e393073c3d
SM_V9_3 iris    exon    34588819        34589271        .       +
       .       Parent=Smp_030250.1;Name=ad55384e-
f2b6-42c4-80e8-2c486b05b62e
SM_V9_3 iris    CDS     34585617        34585621        .       +
       0       Parent=Smp_030250.1
SM_V9_3 iris    CDS     34587591        34588392        .       +
       1       Parent=Smp_030250.1
SM_V9_3 Liftoff gene    34622777        34625811        .       +
       .       ID=Smp_030260;geneID=Smp_030260
SM_V9_3 Liftoff mRNA    34622777        34625811        .       +
       .
ID=Smp_030260.1;Parent=Smp_030260;geneID=Smp_030260;product=HIG1
domain-containing protein C25B8.07c, mitochondrial
SM_V9_3 Liftoff exon    34622777        34625509        .       +
       .       Parent=Smp_030260.1
SM_V9_3 Liftoff exon    34625547        34625811        .       +
       .       Parent=Smp_030260.1
SM_V9_3 Liftoff CDS     34625407        34625509        .       +
       0       Parent=Smp_030260.1
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SM_V9_3 Liftoff CDS     34625547        34625722        .       +
        2       Parent=Smp_030260.1
SM_V9_3 Liftoff gene    34630660        34647993        .       -
        .       ID=Smp_138520;geneID=Smp_138520
SM_V9_3 Liftoff mRNA    34630660        34647983        .       -
        .
ID=Smp_138520.1;Parent=Smp_138520;geneID=Smp_138520;product=E3
ubiquitin-protein ligase KCMF1;polypeptide_domain=InterPro:IPR008598
Pfam:PF05605
SM_V9_3 Liftoff exon    34630660        34631553        .       -
        .       Parent=Smp_138520.1
SM_V9_3 Liftoff exon    34632740        34633053        .       -
        .       Parent=Smp_138520.1
SM_V9_3 Liftoff exon    34639720        34640216        .       -
        .       Parent=Smp_138520.1
SM_V9_3 Liftoff exon    34642973        34643207        .       -
        .       Parent=Smp_138520.1
SM_V9_3 Liftoff exon    34644484        34647983        .       -
        .       Parent=Smp_138520.1
SM_V9_3 Liftoff CDS     34631415        34631553        .       -
        1       Parent=Smp_138520.1
SM_V9_3 Liftoff CDS     34632740        34633053        .       -
        0       Parent=Smp_138520.1
SM_V9_3 Liftoff CDS     34639720        34640216        .       -
        2       Parent=Smp_138520.1
SM_V9_3 Liftoff CDS     34642973        34643207        .       -
        0       Parent=Smp_138520.1
SM_V9_3 Liftoff CDS     34644484        34644534        .       -
        0       Parent=Smp_138520.1
SM_V9_3 Liftoff mRNA    34630660        34647993        .       -
        .
ID=Smp_138520.2;Parent=Smp_138520;geneID=Smp_138520;product=E3
ubiquitin-protein ligase KCMF1;polypeptide_domain=InterPro:IPR008598
Pfam:PF05605
SM_V9_3 Liftoff exon    34630660        34631553        .       -
        .       Parent=Smp_138520.2
SM_V9_3 Liftoff exon    34632740        34633053        .       -
        .       Parent=Smp_138520.2
SM_V9_3 Liftoff exon    34639720        34640216        .       -
        .       Parent=Smp_138520.2
SM_V9_3 Liftoff exon    34642973        34643207        .       -
        .       Parent=Smp_138520.2
SM_V9_3 Liftoff exon    34647861        34647993        .       -
        .       Parent=Smp_138520.2
SM_V9_3 Liftoff CDS     34631415        34631553        .       -
        1       Parent=Smp_138520.2
SM_V9_3 Liftoff CDS     34632740        34633053        .       -
        0       Parent=Smp_138520.2
SM_V9_3 Liftoff CDS     34639720        34640216        .       -
        2       Parent=Smp_138520.2
SM_V9_3 Liftoff CDS     34642973        34643207        .       -
        0       Parent=Smp_138520.2
SM_V9_3 Liftoff CDS     34647861        34647866        .       -
        0       Parent=Smp_138520.2
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SM_V9_3 iris    gene    34659509        34673715        .       -
       .
ID=Smp_030280;geneID=Smp_030280;gene_name=Smp_030280;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    34659509        34673715        .       -
       .
ID=Smp_030280.1;Parent=Smp_030280;geneID=Smp_030280;gene_name=Smp_03
0280;owner=irisadmin@local.host;orig_id=Smp_030280.2;date_last_modif
ied=2022-09-07;Name=Smp_030280.1;product=OTU domain-containing
protein 6B;date_creation=2022-09-07
SM_V9_3 iris    exon    34659509        34659801        .       -
       .       Parent=Smp_030280.1;Name=b5cc1e11-edef-461b-9c80-
f21fc4679643
SM_V9_3 iris    exon    34660414        34660523        .       -
       .       Parent=Smp_030280.1;Name=344c3ddd-f7cf-4658-99a8-
f0aef2c32538
SM_V9_3 iris    exon    34661771        34661832        .       -
       .       Parent=Smp_030280.1;Name=8af09875-6d1f-4cad-
a0fc-30b4517e3b9e
SM_V9_3 iris    exon    34665419        34665671        .       -
       .       Parent=Smp_030280.1;Name=1cf10b09-b77d-4dce-885b-
b4bd48b70823
SM_V9_3 iris    exon    34673004        34673191        .       -
       .       Parent=Smp_030280.1;Name=bbd30445-37fa-4e45-9e91-
a0ea188ee73d
SM_V9_3 iris    exon    34673227        34673374        .       -
       .       Parent=Smp_030280.1;Name=947a6f6a-
c70c-424e-9d08-0402850c984c
SM_V9_3 iris    exon    34673644        34673715        .       -
       .       Parent=Smp_030280.1;Name=410f7e77-62cc-4992-9362-
e8ce3ae8b255
SM_V9_3 iris    CDS     34659732        34659801        .       -
       1       Parent=Smp_030280.1
SM_V9_3 iris    CDS     34660414        34660523        .       -
       0       Parent=Smp_030280.1
SM_V9_3 iris    CDS     34661771        34661832        .       -
       2       Parent=Smp_030280.1
SM_V9_3 iris    CDS     34665419        34665671        .       -
       0       Parent=Smp_030280.1
SM_V9_3 iris    CDS     34673004        34673191        .       -
       2       Parent=Smp_030280.1
SM_V9_3 iris    CDS     34673227        34673248        .       -
       0       Parent=Smp_030280.1
SM_V9_3 iris    gene    34679227        34681038        .       +
       .
ID=Smp_030290;geneID=Smp_030290;gene_name=Smp_030290;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34679227        34681038        .       +
       .
ID=Smp_030290.1;Parent=Smp_030290;geneID=Smp_030290;gene_name=Smp_03
0290;owner=irisadmin@local.host;orig_id=Smp_030290.1;date_last_modif
ied=2022-07-27;Name=Smp_030290.1;product=Prefoldin subunit
2;date_creation=2022-07-26
SM_V9_3 iris    exon    34679227        34679445        .       +
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        .       Parent=Smp_030290.1;Name=577d858d-e1c0-40d4-
bcfa-09b3f5b82eee
SM_V9_3 iris    exon    34680531        34680654        .       +
        .
Parent=Smp_030290.1;Name=3f9ef1fb-9437-42ca-8022-98912faf6fa3
SM_V9_3 iris    exon    34680688        34681038        .       +
        .
Parent=Smp_030290.1;Name=dc5ab534-796b-4153-8474-56ce34ec9bf9
SM_V9_3 iris    CDS     34679309        34679445        .       +
        0       Parent=Smp_030290.1
SM_V9_3 iris    CDS     34680531        34680654        .       +
        1       Parent=Smp_030290.1
SM_V9_3 iris    CDS     34680688        34680858        .       +
        0       Parent=Smp_030290.1
SM_V9_3 iris    gene    34689229        34773151        .       -
        .
ID=Smp_340630;geneID=Smp_340630;gene_name=Smp_340630;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34689229        34773151        .       -
        .
ID=Smp_340630.1;Parent=Smp_340630;geneID=Smp_340630;gene_name=Smp_34
0630;owner=irisadmin@local.host;orig_id=Smp_340630.1;date_last_modif
ied=2022-09-07;Name=Smp_340630.1;product=endoplasmin;date_creation=2
022-07-26
SM_V9_3 iris    exon    34689229        34690501        .       -
        .       Parent=Smp_340630.1;Name=909d33e1-
e0c4-45e7-9828-8d55d2f639fe
SM_V9_3 iris    exon    34693309        34693455        .       -
        .
Parent=Smp_340630.1;Name=85d9005c-1a1c-4bb1-9505-605965ab649c
SM_V9_3 iris    exon    34697290        34697367        .       -
        .
Parent=Smp_340630.1;Name=780f22c3-311d-4743-84ca-3fb1b296ab30
SM_V9_3 iris    exon    34699513        34699689        .       -
        .       Parent=Smp_340630.1;Name=a6ea8fdf-bc53-481e-ac1c-
e489f5130240
SM_V9_3 iris    exon    34701553        34701672        .       -
        .       Parent=Smp_340630.1;Name=d8ee18c6-6942-47c0-
bec1-074bc609e230
SM_V9_3 iris    exon    34708270        34708669        .       -
        .       Parent=Smp_340630.1;Name=7330f5db-5ea8-49af-875c-
f603c32bf372
SM_V9_3 iris    exon    34713498        34714426        .       -
        .       Parent=Smp_340630.1;Name=22c28c8a-f0b2-4d57-9c67-
ddf7887292d8
SM_V9_3 iris    exon    34716750        34716935        .       -
        .
Parent=Smp_340630.1;Name=078e9954-808f-4132-9e59-9c06cb929fe7
SM_V9_3 iris    exon    34723495        34723680        .       -
        .       Parent=Smp_340630.1;Name=4f607c71-eaef-410e-8424-
ac1ee4e3e218
SM_V9_3 iris    exon    34725889        34725952        .       -
        .       Parent=Smp_340630.1;Name=0f3556ee-2c74-4a4f-8065-
a79c21b98e16
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SM_V9_3 iris    exon    34729503        34729754        .       -
        .       Parent=Smp_340630.1;Name=3765c773-4793-4cf1-be11-
f0de6bcd6047
SM_V9_3 iris    exon    34734253        34734369        .       -
        .
Parent=Smp_340630.1;Name=597d5717-7177-48f6-8e00-2f80c96c3184
SM_V9_3 iris    exon    34740973        34741089        .       -
        .
Parent=Smp_340630.1;Name=53d04e1a-4e30-4d8d-86cd-40a897ad4136
SM_V9_3 iris    exon    34746955        34747088        .       -
        .       Parent=Smp_340630.1;Name=92f7a65f-4fd0-4006-a716-
b55bccc476b2
SM_V9_3 iris    exon    34752437        34752676        .       -
        .       Parent=Smp_340630.1;Name=618d2d74-afb8-4dbe-bb97-
fb0dfff2fb3e
SM_V9_3 iris    exon    34752875        34753411        .       -
        .       Parent=Smp_340630.1;Name=bbdb9de8-aef9-4a7f-aefd-
c8c98412db45
SM_V9_3 iris    exon    34755840        34757148        .       -
        .       Parent=Smp_340630.1;Name=a52cd181-f8a6-496a-ba9c-
eb02e138c58b
SM_V9_3 iris    exon    34761532        34761660        .       -
        .
Parent=Smp_340630.1;Name=134bab32-4432-4d60-8798-00a5f7b19864
SM_V9_3 iris    exon    34770418        34770477        .       -
        .
Parent=Smp_340630.1;Name=63ac6f70-8ebc-43ac-9a8d-7f1fb33e30d9
SM_V9_3 iris    exon    34770512        34771597        .       -
        .       Parent=Smp_340630.1;Name=cd8d66dd-6420-44f1-
b8b7-5c0272e56822
SM_V9_3 iris    exon    34771636        34771926        .       -
        .       Parent=Smp_340630.1;Name=49dd34bb-
cd5d-4227-8a87-4616ff1b883e
SM_V9_3 iris    exon    34771961        34772268        .       -
        .       Parent=Smp_340630.1;Name=5b390326-356e-4ed8-
bbb8-373e02d1d3b6
SM_V9_3 iris    exon    34772303        34772501        .       -
        .       Parent=Smp_340630.1;Name=d1c6253d-6d28-4639-
a38a-24e8119aaf1f
SM_V9_3 iris    exon    34772539        34772655        .       -
        .       Parent=Smp_340630.1;Name=e7afbeb3-8b3d-4319-
a57d-1666db5ea138
SM_V9_3 iris    exon    34772686        34772827        .       -
        .       Parent=Smp_340630.1;Name=0ae095d7-b448-44c3-9007-
cc80af4a3e45
SM_V9_3 iris    exon    34772864        34772966        .       -
        .       Parent=Smp_340630.1;Name=a94e249e-197e-4390-
a3ef-8299a11cda8c
SM_V9_3 iris    exon    34773005        34773151        .       -
        .
Parent=Smp_340630.1;Name=516898d0-56ec-4647-9c2d-5bdb01ce0871
SM_V9_3 iris    CDS     34690176        34690501        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34693309        34693455        .       -
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        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34697290        34697367        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34699513        34699689        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34701553        34701672        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34708270        34708669        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34713498        34714426        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34716750        34716935        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34723495        34723680        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34725889        34725952        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34729503        34729754        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34734253        34734369        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34740973        34741089        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34746955        34747088        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34752437        34752676        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34752875        34753411        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34755840        34757148        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34761532        34761660        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34770418        34770477        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34770512        34771597        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34771636        34771926        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34771961        34772268        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34772303        34772501        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34772539        34772655        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34772686        34772827        .       -
        1       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34772864        34772966        .       -
        2       Parent=Smp_340630.1
SM_V9_3 iris    CDS     34773005        34773053        .       -
        0       Parent=Smp_340630.1
SM_V9_3 iris    mRNA    34712802        34773151        .       -
        .
ID=Smp_340630.2;Parent=Smp_340630;geneID=Smp_340630;gene_name=Smp_34
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0630;owner=irisadmin@local.host;date_last_modified=2022-09-07;Name=S
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SM_V9_3 iris    exon    34712802        34714426        .       -
        .       Parent=Smp_340630.2;Name=Smp_340630.2-CDS
SM_V9_3 iris    exon    34716750        34716935        .       -
        .       Parent=Smp_340630.2;Name=8f132c74-bdde-425d-a4ce-
ce174665b51f
SM_V9_3 iris    exon    34723495        34723680        .       -
        .       Parent=Smp_340630.2;Name=034a08e6-1d13-4de6-
b382-083da6ca4eb5
SM_V9_3 iris    exon    34725889        34725952        .       -
        .       Parent=Smp_340630.2;Name=5967c2cd-c09f-431b-
bee6-9f33523c3fd4
SM_V9_3 iris    exon    34729503        34729754        .       -
        .       Parent=Smp_340630.2;Name=11527fbb-af25-47a9-bd86-
e9ad16a16316
SM_V9_3 iris    exon    34734253        34734369        .       -
        .       Parent=Smp_340630.2;Name=749c0598-2967-44b7-
a0fa-791849c03fbf
SM_V9_3 iris    exon    34740973        34741089        .       -
        .       Parent=Smp_340630.2;Name=e3dd4e7b-9531-4d93-a1f9-
b8edf0064d2d
SM_V9_3 iris    exon    34746955        34747088        .       -
        .       Parent=Smp_340630.2;Name=04962e83-dbb5-4e46-
a04e-3acc4f95f0fd
SM_V9_3 iris    exon    34752437        34752676        .       -
        .
Parent=Smp_340630.2;Name=c9b58ab7-60a5-48e7-9506-983aa230b951
SM_V9_3 iris    exon    34752875        34753411        .       -
        .       Parent=Smp_340630.2;Name=ec4149f9-e235-468a-a6e5-
b59c7ba49556
SM_V9_3 iris    exon    34755840        34757148        .       -
        .       Parent=Smp_340630.2;Name=e8c1fb2b-ce1b-423a-
bbaf-2c254b1f0441
SM_V9_3 iris    exon    34761532        34761660        .       -
        .       Parent=Smp_340630.2;Name=601bcd04-eae8-448f-8de4-
f2b5dc28fec1
SM_V9_3 iris    exon    34770418        34770477        .       -
        .       Parent=Smp_340630.2;Name=f0e100ab-e9d3-4f69-9c6d-
f180d419c2da
SM_V9_3 iris    exon    34770512        34771597        .       -
        .
Parent=Smp_340630.2;Name=e45323cc-2fde-4744-8a1f-8d1feb8b9c8f
SM_V9_3 iris    exon    34771636        34771926        .       -
        .
Parent=Smp_340630.2;Name=e41bdbc1-7a3c-46ea-8c03-8a58b0d402ce
SM_V9_3 iris    exon    34771961        34772268        .       -
        .       Parent=Smp_340630.2;Name=bc683ec5-d621-45d6-b1cb-
d97115b69b4b
SM_V9_3 iris    exon    34772303        34772501        .       -
        .       Parent=Smp_340630.2;Name=879050f4-
f8f6-4b8b-8f32-526e8c6575b0
SM_V9_3 iris    exon    34772539        34772655        .       -
        .       Parent=Smp_340630.2;Name=3778b67b-5294-4bed-bc43-
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ec2aa1a5876a
SM_V9_3 iris    exon    34772686        34772827        .       -
        .       Parent=Smp_340630.2;Name=b6c260b4-92e3-4e4a-
b641-3b1a682d37e4
SM_V9_3 iris    exon    34772864        34772966        .       -
        .
Parent=Smp_340630.2;Name=f4a5298f-1367-4cf8-92f7-7ecbfbbfc405
SM_V9_3 iris    exon    34773005        34773151        .       -
        .
Parent=Smp_340630.2;Name=4fcb6bfa-4e64-401d-963b-55419cb5dcc6
SM_V9_3 iris    CDS     34713447        34714426        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34716750        34716935        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34723495        34723680        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34725889        34725952        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34729503        34729754        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34734253        34734369        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34740973        34741089        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34746955        34747088        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34752437        34752676        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34752875        34753411        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34755840        34757148        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34761532        34761660        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34770418        34770477        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34770512        34771597        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34771636        34771926        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34771961        34772268        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34772303        34772501        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34772539        34772655        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34772686        34772827        .       -
        1       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34772864        34772966        .       -
        2       Parent=Smp_340630.2
SM_V9_3 iris    CDS     34773005        34773053        .       -
        0       Parent=Smp_340630.2
SM_V9_3 iris    gene    34788070        34811988        .       +
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ID=Smp_030320;geneID=Smp_030320;gene_name=Smp_030320;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    34788070        34811988        .       +
       .
ID=Smp_030320.1;Parent=Smp_030320;geneID=Smp_030320;gene_name=Smp_03
0320;owner=irisadmin@local.host;orig_id=Smp_030320.1;date_last_modif
ied=2022-09-05;Name=Smp_030320.1;product=F-box/WD repeat-containing
protein 7;date_creation=2022-09-05
SM_V9_3 iris    exon    34788070        34788124        .       +
       .       Parent=Smp_030320.1;Name=00e09e08-97a4-44e6-
bf0f-89590a77fe0f
SM_V9_3 iris    exon    34788161        34788412        .       +
       .       Parent=Smp_030320.1;Name=9e7d16c0-d9c7-48f6-a2f1-
f0527dc5a80f
SM_V9_3 iris    exon    34796041        34796118        .       +
       .       Parent=Smp_030320.1;Name=50538f90-
fa2c-455f-8906-450ecb90ad87
SM_V9_3 iris    exon    34796170        34796185        .       +
       .       Parent=Smp_030320.1;Name=05ccd34a-69bd-4814-bce1-
c278e56b5a56
SM_V9_3 iris    exon    34796229        34796537        .       +
       .       Parent=Smp_030320.1;Name=d1c43383-
d1d4-4c96-9028-3f7e4fa2bbe4
SM_V9_3 iris    exon    34799135        34799249        .       +
       .       Parent=Smp_030320.1;Name=f2a197ac-b0fa-4599-b689-
a1d6ceefe7e5
SM_V9_3 iris    exon    34799305        34799552        .       +
       .
Parent=Smp_030320.1;Name=d0280378-0250-44ea-90b4-62f1915840b6
SM_V9_3 iris    exon    34800629        34800724        .       +
       .       Parent=Smp_030320.1;Name=de22be9b-9f95-4bc3-a3df-
d8ab8d5aa44f
SM_V9_3 iris    exon    34804084        34804909        .       +
       .
Parent=Smp_030320.1;Name=ce8b3353-14c4-4d79-859f-0100e4d655d1
SM_V9_3 iris    exon    34807676        34808041        .       +
       .
Parent=Smp_030320.1;Name=d6fcb0d4-1e5f-46cd-8067-0e11079ce057
SM_V9_3 iris    exon    34810853        34811988        .       +
       .       Parent=Smp_030320.1;Name=cc85dd09-a2d0-47d7-
a485-5fc760d0d075
SM_V9_3 iris    CDS     34796051        34796118        .       +
       0       Parent=Smp_030320.1
SM_V9_3 iris    CDS     34796170        34796185        .       +
       1       Parent=Smp_030320.1
SM_V9_3 iris    CDS     34796229        34796537        .       +
       0       Parent=Smp_030320.1
SM_V9_3 iris    CDS     34799135        34799249        .       +
       0       Parent=Smp_030320.1
SM_V9_3 iris    CDS     34799305        34799552        .       +
       2       Parent=Smp_030320.1
SM_V9_3 iris    CDS     34800629        34800724        .       +
       0       Parent=Smp_030320.1
SM_V9_3 iris    CDS     34804084        34804909        .       +
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        0       Parent=Smp_030320.1
SM_V9_3 iris    CDS     34807676        34808041        .       +
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SM_V9_3 iris    CDS     34810853        34811247        .       +
        2       Parent=Smp_030320.1
SM_V9_3 Liftoff gene    34814078        34815033        .       -
        .       ID=Smp_030330;geneID=Smp_030330
SM_V9_3 Liftoff mRNA    34814078        34815033        .       -
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ID=Smp_030330.1;Parent=Smp_030330;geneID=Smp_030330;product=Peptidyl
-tRNA hydrolase 2,
mitochondrial;polypeptide_domain=InterPro:IPR002833,IPR023476
Pfam:PF01981;Ontology_term=GO:0004045
SM_V9_3 Liftoff exon    34814078        34814226        .       -
        .       Parent=Smp_030330.1
SM_V9_3 Liftoff exon    34814264        34814376        .       -
        .       Parent=Smp_030330.1
SM_V9_3 Liftoff exon    34814433        34814554        .       -
        .       Parent=Smp_030330.1
SM_V9_3 Liftoff exon    34814594        34814704        .       -
        .       Parent=Smp_030330.1
SM_V9_3 Liftoff exon    34814747        34815033        .       -
        .       Parent=Smp_030330.1
SM_V9_3 Liftoff CDS     34814174        34814226        .       -
        2       Parent=Smp_030330.1
SM_V9_3 Liftoff CDS     34814264        34814376        .       -
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SM_V9_3 Liftoff CDS     34814433        34814554        .       -
        0       Parent=Smp_030330.1
SM_V9_3 Liftoff CDS     34814594        34814704        .       -
        0       Parent=Smp_030330.1
SM_V9_3 Liftoff CDS     34814747        34814833        .       -
        0       Parent=Smp_030330.1
SM_V9_3 iris    gene    34911904        34950873        .       -
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ID=Smp_333590;geneID=Smp_333590;gene_name=Smp_333590;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34911904        34950873        .       -
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ID=Smp_333590.1;Parent=Smp_333590;geneID=Smp_333590;gene_name=Smp_33
3590;owner=irisadmin@local.host;orig_id=Smp_333590.2;date_last_modif
ied=2022-07-27;Name=Smp_333590.1;product=Cubilin;date_creation=2022-
07-26
SM_V9_3 iris    exon    34911904        34912392        .       -
        .
Parent=Smp_333590.1;Name=1e7c329a-1c68-4ba8-8502-8eb3c34cfc41
SM_V9_3 iris    exon    34915532        34915883        .       -
        .       Parent=Smp_333590.1;Name=f7c558f6-1418-47e1-a882-
c9f6ca9a5b32
SM_V9_3 iris    exon    34919308        34919563        .       -
        .       Parent=Smp_333590.1;Name=baf8bdd6-5798-43c6-bb83-
fdfc246f640b
SM_V9_3 iris    exon    34925578        34925981        .       -
        .       Parent=Smp_333590.1;Name=4fcb7a78-0b97-4f95-9fb0-
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e398d906b556
SM_V9_3 iris    exon    34930693        34930942        .       -
        .       Parent=Smp_333590.1;Name=4d2fe22c-949a-4a85-
af6e-742cce672cc9
SM_V9_3 iris    exon    34933541        34933812        .       -
        .       Parent=Smp_333590.1;Name=29277de6-17ec-4793-96c1-
b64d420ab488
SM_V9_3 iris    exon    34935091        34935271        .       -
        .       Parent=Smp_333590.1;Name=83058276-e3e0-490b-a8bc-
db3f3c460b44
SM_V9_3 iris    exon    34950541        34950873        .       -
        .       Parent=Smp_333590.1;Name=fdce343c-5009-4e17-
bc40-2df112a2b225
SM_V9_3 iris    CDS     34915715        34915883        .       -
        1       Parent=Smp_333590.1
SM_V9_3 iris    CDS     34919308        34919563        .       -
        2       Parent=Smp_333590.1
SM_V9_3 iris    CDS     34925578        34925981        .       -
        1       Parent=Smp_333590.1
SM_V9_3 iris    CDS     34930693        34930942        .       -
        2       Parent=Smp_333590.1
SM_V9_3 iris    CDS     34933541        34933812        .       -
        1       Parent=Smp_333590.1
SM_V9_3 iris    CDS     34935091        34935271        .       -
        2       Parent=Smp_333590.1
SM_V9_3 iris    CDS     34950541        34950580        .       -
        0       Parent=Smp_333590.1
SM_V9_3 Liftoff gene    34951619        34953153        .       -
        .       ID=Smp_030350;geneID=Smp_030350
SM_V9_3 Liftoff mRNA    34951619        34953153        .       -
        .
ID=Smp_030350.1;Parent=Smp_030350;geneID=Smp_030350;product=serine
protease;evidence=Traceable Author
Statement;literature=PMID:24676141
UniProtKB:V5K997;polypeptide_domain=InterPro:IPR000859,IPR001254,IPR
001314,IPR002172,IPR009003,IPR018114,IPR023415,IPR033116
Pfam:PF00057,PF00089,PF00431;Ontology_term=GO:0004252,GO:0005515,GO:
0006508
SM_V9_3 Liftoff exon    34951619        34953153        .       -
        .       Parent=Smp_030350.1
SM_V9_3 Liftoff CDS     34951678        34953132        .       -
        0       Parent=Smp_030350.1
SM_V9_3 Liftoff gene    34970207        34970813        .       -
        .       ID=Smp_326450;geneID=Smp_326450
SM_V9_3 Liftoff mRNA    34970207        34970813        .       -
        .
ID=Smp_326450.1;Parent=Smp_326450;geneID=Smp_326450;product=Exonucle
ase 3'-5' domain-containing protein 2
SM_V9_3 Liftoff exon    34970207        34970398        .       -
        .       Parent=Smp_326450.1
SM_V9_3 Liftoff exon    34970567        34970638        .       -
        .       Parent=Smp_326450.1
SM_V9_3 Liftoff exon    34970682        34970813        .       -
        .       Parent=Smp_326450.1
```

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SM_V9_3 Liftoff CDS     34970274        34970398        .       -
        2       Parent=Smp_326450.1
SM_V9_3 Liftoff CDS     34970567        34970638        .       -
        2       Parent=Smp_326450.1
SM_V9_3 Liftoff CDS     34970682        34970727        .       -
        0       Parent=Smp_326450.1
SM_V9_3 Liftoff gene    34971557        34972169        .       +
        .       ID=Smp_326460;geneID=Smp_326460
SM_V9_3 Liftoff mRNA    34971557        34972169        .       +
        .
ID=Smp_326460.1;Parent=Smp_326460;geneID=Smp_326460;product=Exonucle
ase 3'-5' domain-containing protein 2
SM_V9_3 Liftoff exon    34971557        34971694        .       +
        .       Parent=Smp_326460.1
SM_V9_3 Liftoff exon    34971738        34971809        .       +
        .       Parent=Smp_326460.1
SM_V9_3 Liftoff exon    34971978        34972169        .       +
        .       Parent=Smp_326460.1
SM_V9_3 Liftoff CDS     34971649        34971694        .       +
        0       Parent=Smp_326460.1
SM_V9_3 Liftoff CDS     34971738        34971809        .       +
        2       Parent=Smp_326460.1
SM_V9_3 Liftoff CDS     34971978        34972102        .       +
        2       Parent=Smp_326460.1
SM_V9_3 Liftoff gene    34988356        34988963        .       -
        .       ID=Smp_326470;geneID=Smp_326470
SM_V9_3 Liftoff mRNA    34988356        34988963        .       -
        .
ID=Smp_326470.1;Parent=Smp_326470;geneID=Smp_326470;product=Exonucle
ase 3'-5' domain-containing protein 2
SM_V9_3 Liftoff exon    34988356        34988547        .       -
        .       Parent=Smp_326470.1
SM_V9_3 Liftoff exon    34988716        34988787        .       -
        .       Parent=Smp_326470.1
SM_V9_3 Liftoff exon    34988831        34988963        .       -
        .       Parent=Smp_326470.1
SM_V9_3 Liftoff CDS     34988423        34988547        .       -
        2       Parent=Smp_326470.1
SM_V9_3 Liftoff CDS     34988716        34988787        .       -
        2       Parent=Smp_326470.1
SM_V9_3 Liftoff CDS     34988831        34988876        .       -
        0       Parent=Smp_326470.1
SM_V9_3 iris    gene    34989707        34990254        .       +
        .
ID=Smp_326480;geneID=Smp_326480;gene_name=Smp_326480;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    34989707        34990254        .       +
        .
ID=Smp_326480.1;Parent=Smp_326480;geneID=Smp_326480;gene_name=Smp_32
6480;owner=irisadmin@local.host;orig_id=Smp_326480.1;date_last_modif
ied=2022-07-27;Name=Smp_326480.1;product=Exonuclease 3'-5' domain-
containing protein 2;date_creation=2022-07-26
SM_V9_3 iris    exon    34989707        34989740        .       +
        .       Parent=Smp_326480.1;Name=8469b496-8e1a-418b-a19e-
```

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eafdbf3b3027
SM_V9_3 iris    exon    34989783        34989843        .       +
        .       Parent=Smp_326480.1;Name=56def649-3c9f-49b3-
b656-05916a9661a5
SM_V9_3 iris    exon    34989887        34989958        .       +
        .       Parent=Smp_326480.1;Name=782b7754-afd4-472c-
b515-2d082bee5638
SM_V9_3 iris    exon    34990127        34990254        .       +
        .       Parent=Smp_326480.1;Name=3a2bee6b-f220-451f-bf16-
aff1860cf353
SM_V9_3 iris    CDS     34989726        34989740        .       +
        0       Parent=Smp_326480.1
SM_V9_3 iris    CDS     34989783        34989843        .       +
        0       Parent=Smp_326480.1
SM_V9_3 iris    CDS     34989887        34989958        .       +
        2       Parent=Smp_326480.1
SM_V9_3 iris    CDS     34990127        34990251        .       +
        2       Parent=Smp_326480.1
SM_V9_3 Liftoff gene    34992257        34993740        .       +
        .
ID=Smp_309090;geneID=Smp_309090;previous_systematic_id=Smp_138570
SM_V9_3 Liftoff mRNA    34992257        34993740        .       +
        .
ID=Smp_309090.1;Parent=Smp_309090;geneID=Smp_309090;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    34992257        34993740        .       +
        .       Parent=Smp_309090.1
SM_V9_3 Liftoff CDS     34992302        34993522        .       +
        0       Parent=Smp_309090.1
SM_V9_3 Liftoff gene    35006727        35017231        .       +
        .
ID=Smp_309100;geneID=Smp_309100;previous_systematic_id=Smp_138570
SM_V9_3 Liftoff mRNA    35006727        35017231        .       +
        .
ID=Smp_309100.1;Parent=Smp_309100;geneID=Smp_309100;product=Heat
shock 70 kDa protein 3
SM_V9_3 Liftoff exon    35006727        35006843        .       +
        .       Parent=Smp_309100.1
SM_V9_3 Liftoff exon    35006897        35006960        .       +
        .       Parent=Smp_309100.1
SM_V9_3 Liftoff exon    35008508        35008540        .       +
        .       Parent=Smp_309100.1
SM_V9_3 Liftoff exon    35010458        35010535        .       +
        .       Parent=Smp_309100.1
SM_V9_3 Liftoff exon    35012119        35012202        .       +
        .       Parent=Smp_309100.1
SM_V9_3 Liftoff exon    35014216        35014284        .       +
        .       Parent=Smp_309100.1
SM_V9_3 Liftoff exon    35014935        35017231        .       +
        .       Parent=Smp_309100.1
SM_V9_3 Liftoff CDS     35006829        35006843        .       +
        0       Parent=Smp_309100.1
SM_V9_3 Liftoff CDS     35006897        35006960        .       +
        0       Parent=Smp_309100.1
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SM_V9_3 Liftoff CDS     35008508        35008540        .       +
        2       Parent=Smp_309100.1
SM_V9_3 Liftoff CDS     35010458        35010535        .       +
        2       Parent=Smp_309100.1
SM_V9_3 Liftoff CDS     35012119        35012202        .       +
        2       Parent=Smp_309100.1
SM_V9_3 Liftoff CDS     35014216        35014284        .       +
        2       Parent=Smp_309100.1
SM_V9_3 Liftoff CDS     35014935        35014993        .       +
        2       Parent=Smp_309100.1
SM_V9_3 Liftoff gene    35020602        35030673        .       -
        .
ID=Smp_343230;geneID=Smp_343230;previous_systematic_id=Smp_138560
SM_V9_3 Liftoff mRNA    35020602        35030673        .       -
        .
ID=Smp_343230.1;Parent=Smp_343230;geneID=Smp_343230;product=F-box
protein At1g54550
SM_V9_3 Liftoff exon    35020602        35020800        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35021331        35021387        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35022379        35022429        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35024646        35024711        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35025885        35025896        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35027763        35027849        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35028613        35028702        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35028742        35028801        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff exon    35030533        35030673        .       -
        .       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35020775        35020800        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35021331        35021387        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35022379        35022429        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35024646        35024711        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35025885        35025896        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35027763        35027849        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35028613        35028702        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35028742        35028801        .       -
        2       Parent=Smp_343230.1
SM_V9_3 Liftoff CDS     35030533        35030620        .       -
        0       Parent=Smp_343230.1
SM_V9_3 Liftoff gene    35039947        35061891        .       +
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        .
ID=Smp_341710;geneID=Smp_341710;previous_systematic_id=Smp_102670
SM_V9_3 Liftoff mRNA    35039947        35061891        .       +
        .
ID=Smp_341710.1;Parent=Smp_341710;geneID=Smp_341710;product=Pentatri
copeptide repeat-containing protein ELI1, chloroplastic
SM_V9_3 Liftoff exon    35039947        35040098        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35042361        35042414        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35044155        35044208        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35044553        35044633        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35044736        35044792        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35045684        35045746        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35047070        35047129        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35047450        35047512        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35057989        35058051        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35058519        35058581        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35059503        35059541        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35060267        35060332        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff exon    35061535        35061891        .       +
        .       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35040041        35040098        .       +
        0       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35042361        35042414        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35044155        35044208        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35044553        35044633        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35044736        35044792        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35045684        35045746        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35047070        35047129        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35047450        35047512        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35057989        35058051        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35058519        35058581        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35059503        35059541        .       +
        2       Parent=Smp_341710.1
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SM_V9_3 Liftoff CDS     35060267        35060332        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff CDS     35061535        35061767        .       +
        2       Parent=Smp_341710.1
SM_V9_3 Liftoff gene    35076378        35157696        .       +
        .
ID=Smp_333600;geneID=Smp_333600;previous_systematic_id=Smp_179310,Sm
p_205110
SM_V9_3 Liftoff mRNA    35076378        35157696        .       +
        .
ID=Smp_333600.1;Parent=Smp_333600;geneID=Smp_333600;product=P2X
purinoceptor
4;literature=PMID:15292267;polypeptide_domain=InterPro:IPR001429,IPR
027309
Pfam:PF00864;Ontology_term=GO:0001614,GO:0004931,GO:0005887,GO:00331
98,GO:0098655
SM_V9_3 Liftoff exon    35076378        35076542        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff exon    35076584        35076812        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff exon    35076843        35076918        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff exon    35079509        35079695        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff exon    35085801        35085945        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff exon    35123052        35123182        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff exon    35152286        35152442        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff exon    35156553        35157696        .       +
        .       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35076421        35076542        .       +
        0       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35076584        35076812        .       +
        1       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35076843        35076918        .       +
        0       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35079509        35079695        .       +
        2       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35085801        35085945        .       +
        1       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35123052        35123182        .       +
        0       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35152286        35152442        .       +
        1       Parent=Smp_333600.1
SM_V9_3 Liftoff CDS     35156553        35156819        .       +
        0       Parent=Smp_333600.1
SM_V9_3 iris    gene    35172713        35181297        .       -
        .
ID=Smp_309110;geneID=Smp_309110;gene_name=Smp_309110;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    35172713        35181297        .       -
        .
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ID=Smp_309110.1;Parent=Smp_309110;geneID=Smp_309110;gene_name=Smp_30
9110;owner=irisadmin@local.host;orig_id=Smp_309110.1;date_last_modif
ied=2022-09-07;Name=Smp_309110.1;product=Oxidoreductase
HTATIP2;date_creation=2022-09-07
SM_V9_3 iris    exon    35172713        35173595        .       -
        .
Parent=Smp_309110.1;Name=283a9df4-16af-46be-9e3d-59fc6008e704
SM_V9_3 iris    exon    35179811        35180320        .       -
        .
Parent=Smp_309110.1;Name=cba35cb2-484b-4e18-875f-3066be74f6dc
SM_V9_3 iris    exon    35181045        35181297        .       -
        .       Parent=Smp_309110.1;Name=c89300c2-de4c-4eef-b98b-
db5270ba1e6a
SM_V9_3 iris    CDS     35173227        35173595        .       -
        0       Parent=Smp_309110.1
SM_V9_3 iris    CDS     35179811        35180179        .       -
        0       Parent=Smp_309110.1
SM_V9_3 Liftoff gene    35188981        35190664        .       -
        .       ID=Smp_326490;geneID=Smp_326490
SM_V9_3 Liftoff mRNA    35188981        35190664        .       -
        .
ID=Smp_326490.1;Parent=Smp_326490;geneID=Smp_326490;product=Hormone-
sensitive lipase
SM_V9_3 Liftoff exon    35188981        35189159        .       -
        .       Parent=Smp_326490.1
SM_V9_3 Liftoff exon    35190169        35190237        .       -
        .       Parent=Smp_326490.1
SM_V9_3 Liftoff exon    35190289        35190364        .       -
        .       Parent=Smp_326490.1
SM_V9_3 Liftoff exon    35190416        35190664        .       -
        .       Parent=Smp_326490.1
SM_V9_3 Liftoff CDS     35189080        35189159        .       -
        2       Parent=Smp_326490.1
SM_V9_3 Liftoff CDS     35190169        35190237        .       -
        2       Parent=Smp_326490.1
SM_V9_3 Liftoff CDS     35190289        35190364        .       -
        0       Parent=Smp_326490.1
SM_V9_3 Liftoff CDS     35190416        35190442        .       -
        0       Parent=Smp_326490.1
SM_V9_3 iris    gene    35201719        35249413        .       -
        .
ID=Smp_159890;geneID=Smp_159890;gene_name=Smp_159890;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    35201719        35249413        .       -
        .
ID=Smp_159890.1;Parent=Smp_159890;geneID=Smp_159890;gene_name=Smp_15
9890;owner=irisadmin@local.host;orig_id=Smp_159890.1;date_last_modif
ied=2022-09-07;Name=Smp_159890.1;product=Carboxypeptidase D
(Fragment);date_creation=2022-09-07
SM_V9_3 iris    exon    35201719        35203088        .       -
        .       Parent=Smp_159890.1;Name=f3bfd9a4-
d03e-4d96-86be-843a7f4ae9b8
SM_V9_3 iris    exon    35206078        35206348        .       -
        .       Parent=Smp_159890.1;Name=ba30f343-789d-4fa2-8b92-
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e33f87695146
SM_V9_3 iris    exon    35208642        35209153        .       -
        .       Parent=Smp_159890.1;Name=676bfcfa-0c09-4990-
aeb8-0e303b9c6e99
SM_V9_3 iris    exon    35214760        35214945        .       -
        .       Parent=Smp_159890.1;Name=6654275d-
d375-4cfa-8147-411143f9e316
SM_V9_3 iris    exon    35216547        35216623        .       -
        .
Parent=Smp_159890.1;Name=30880105-4f59-40b6-8ea5-67b22af7ac1d
SM_V9_3 iris    exon    35217161        35217600        .       -
        .       Parent=Smp_159890.1;Name=b54a6a47-1109-4bff-
ad50-7d805ffadd91
SM_V9_3 iris    exon    35222298        35222536        .       -
        .       Parent=Smp_159890.1;Name=b15afa90-8187-43d1-
aff8-131f0cea27c0
SM_V9_3 iris    exon    35225796        35226035        .       -
        .       Parent=Smp_159890.1;Name=8b0a7016-d416-459b-8d84-
af69694ab4ee
SM_V9_3 iris    exon    35226473        35226760        .       -
        .       Parent=Smp_159890.1;Name=7d919977-0ab8-49bb-98af-
d86ba9ef5783
SM_V9_3 iris    exon    35228674        35228977        .       -
        .       Parent=Smp_159890.1;Name=ddd12518-5004-4b2b-a61b-
a22bf4152605
SM_V9_3 iris    exon    35232498        35232679        .       -
        .
Parent=Smp_159890.1;Name=0e843e45-40bf-4499-98b5-93562fecd8e3
SM_V9_3 iris    exon    35233453        35233991        .       -
        .       Parent=Smp_159890.1;Name=088b6b21-699e-4014-85c6-
ea794b65e6a2
SM_V9_3 iris    exon    35244891        35245069        .       -
        .       Parent=Smp_159890.1;Name=306a2bf3-d44e-4238-
b085-11285986d9ec
SM_V9_3 iris    exon    35245766        35246002        .       -
        .       Parent=Smp_159890.1;Name=9c37343a-83c2-4ce3-9937-
cc22f08abc0a
SM_V9_3 iris    exon    35247315        35247497        .       -
        .       Parent=Smp_159890.1;Name=5a1523c4-
b025-43bf-9efc-583100a57339
SM_V9_3 iris    exon    35247544        35247644        .       -
        .
Parent=Smp_159890.1;Name=72790576-2664-4932-8a88-2b95449736ae
SM_V9_3 iris    exon    35248788        35249131        .       -
        .       Parent=Smp_159890.1;Name=75330702-1d07-4fa1-
acad-508a518509ba
SM_V9_3 iris    exon    35249163        35249297        .       -
        .       Parent=Smp_159890.1;Name=020bea33-8300-4d72-a04a-
b99edf342b99
SM_V9_3 iris    exon    35249334        35249413        .       -
        .       Parent=Smp_159890.1;Name=7d8e80ca-d256-4a9c-
ac57-29f2f685ba4f
SM_V9_3 iris    CDS     35202571        35203088        .       -
        2       Parent=Smp_159890.1
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SM_V9_3 iris    CDS     35206078        35206348        .       -
        0       Parent=Smp_159890.1
SM_V9_3 iris    CDS     35208642        35209153        .       -
        2       Parent=Smp_159890.1
SM_V9_3 iris    CDS     35214760        35214945        .       -
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SM_V9_3 iris    mRNA    35260899        35263004        .       -
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receptor;date_creation=2022-09-07
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SM_V9_3 iris    CDS     35288943        35290485        .       +
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SM_V9_3 iris    CDS     35332025        35332251        .       +
        2       Parent=Smp_159860.1
SM_V9_3 iris    gene    35369426        35490497        .       -
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        .
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SM_V9_3 iris    CDS     35430746        35430960        .       -
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SM_V9_3 iris    CDS     35448312        35448504        .       -
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SM_V9_3 iris    CDS     35450358        35450524        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35451795        35452082        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35453569        35454075        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35456587        35456811        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35460044        35460227        .       -
        1       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35461929        35462158        .       -
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SM_V9_3 iris    CDS     35463443        35463688        .       -
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SM_V9_3 iris    CDS     35469279        35469533        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35470026        35470373        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35471429        35471533        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35473141        35473431        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35475855        35476058        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35476482        35476868        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35478236        35478560        .       -
        1       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35479426        35479760        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35483100        35483235        .       -
        1       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35485032        35485210        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35485808        35485899        .       -
        2       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35485947        35486103        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35489066        35489257        .       -
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SM_V9_3 iris    CDS     35489294        35489489        .       -
        1       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35489528        35489686        .       -
        1       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35489722        35489981        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35490022        35490048        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35490099        35490189        .       -
        1       Parent=Smp_159840.1
SM_V9_3 iris    CDS     35490221        35490378        .       -
        0       Parent=Smp_159840.1
SM_V9_3 iris    gene    35494902        35504212        .       +
        .
ID=Smp_159830;geneID=Smp_159830;gene_name=Smp_159830;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    35494902        35504212        .       +
        .
ID=Smp_159830.1;Parent=Smp_159830;geneID=Smp_159830;gene_name=Smp_15
9830;owner=irisadmin@local.host;orig_id=Smp_159830.1;date_last_modif
ied=2022-09-07;Name=Smp_159830.1;product=MEG-2 (ESP15)
family;date_creation=2022-09-07
SM_V9_3 iris    exon    35494902        35494957        .       +
        .       Parent=Smp_159830.1;Name=8f59d6fc-a218-422c-b9a9-
e274d716fbff
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SM_V9_3 iris    exon    35496010        35496017        .       +
        .       Parent=Smp_159830.1;Name=892870ac-a075-4bb7-
ab0d-735c6f2e8393
SM_V9_3 iris    exon    35496552        35496566        .       +
        .       Parent=Smp_159830.1;Name=8502332f-3033-4cf7-a6a3-
f6746e2cf009
SM_V9_3 iris    exon    35497117        35497131        .       +
        .       Parent=Smp_159830.1;Name=a91762b6-81a8-45ab-ba4a-
d782537ff6a8
SM_V9_3 iris    exon    35498943        35498957        .       +
        .       Parent=Smp_159830.1;Name=1d932945-912a-42a0-b356-
d3e61d5906a1
SM_V9_3 iris    exon    35499076        35499090        .       +
        .       Parent=Smp_159830.1;Name=af8cd489-
ddb8-4e25-8dbf-2d1e54c939d1
SM_V9_3 iris    exon    35499735        35499752        .       +
        .
Parent=Smp_159830.1;Name=e962892b-3834-4998-93eb-67ea1d3dfebd
SM_V9_3 iris    exon    35500122        35500130        .       +
        .       Parent=Smp_159830.1;Name=31a694fb-b183-4dd7-9875-
dddfb231829e
SM_V9_3 iris    exon    35500544        35500552        .       +
        .       Parent=Smp_159830.1;Name=27a3bef3-b68f-4b8b-84f7-
f564bc66214c
SM_V9_3 iris    exon    35500866        35500892        .       +
        .
Parent=Smp_159830.1;Name=c572428b-43f3-4448-8026-6908d9d5ec05
SM_V9_3 iris    exon    35501878        35501898        .       +
        .       Parent=Smp_159830.1;Name=b856f80a-ea0d-497c-8035-
f2ef500e0691
SM_V9_3 iris    exon    35502673        35504212        .       +
        .       Parent=Smp_159830.1;Name=0f81738d-4739-40c2-b79f-
ed855e4ef2f9
SM_V9_3 iris    CDS     35494902        35494957        .       +
        0       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35496010        35496017        .       +
        1       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35496552        35496566        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35497117        35497131        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35498943        35498957        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35499076        35499090        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35499735        35499752        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35500122        35500130        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35500544        35500552        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35500866        35500892        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35501878        35501898        .       +
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        2       Parent=Smp_159830.1
SM_V9_3 iris    CDS     35502673        35502722        .       +
        2       Parent=Smp_159830.1
SM_V9_3 iris    gene    35615647        35622950        .       +
        .
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@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    35615647        35622950        .       +
        .
ID=Smp_159800.1;Parent=Smp_159800;geneID=Smp_159800;gene_name=Smp_15
9800;owner=irisadmin@local.host;orig_id=Smp_159800.1;date_last_modif
ied=2022-09-07;Name=Smp_159800.1;product=MEG-2 (ESP15)
family;date_creation=2022-09-07
SM_V9_3 iris    exon    35615647        35615793        .       +
        .       Parent=Smp_159800.1;Name=6d6cc176-091b-48ff-b806-
ac00a8c99966
SM_V9_3 iris    exon    35617604        35617618        .       +
        .       Parent=Smp_159800.1;Name=5e105177-a62d-4b76-9aa8-
dd7da6620419
SM_V9_3 iris    exon    35617737        35617751        .       +
        .       Parent=Smp_159800.1;Name=724a1732-857c-4d09-
a9b0-05b2cfed5fe3
SM_V9_3 iris    exon    35618396        35618413        .       +
        .
Parent=Smp_159800.1;Name=df31d12d-31a9-4e4d-8018-6bb1eb932539
SM_V9_3 iris    exon    35618783        35618791        .       +
        .
Parent=Smp_159800.1;Name=dece369b-002c-453f-89bf-0eebf993987f
SM_V9_3 iris    exon    35619249        35619257        .       +
        .
Parent=Smp_159800.1;Name=7204c19a-4994-47a7-890a-186f23ec0927
SM_V9_3 iris    exon    35619582        35619608        .       +
        .       Parent=Smp_159800.1;Name=9fb9ec39-1fef-467f-a302-
d359a446fd80
SM_V9_3 iris    exon    35620626        35620646        .       +
        .       Parent=Smp_159800.1;Name=2063b81a-aed8-40ee-bf25-
a5723db1bd66
SM_V9_3 iris    exon    35621395        35621415        .       +
        .
Parent=Smp_159800.1;Name=1244aeb2-3a2c-47ee-8279-5308930c957d
SM_V9_3 iris    exon    35622015        35622028        .       +
        .       Parent=Smp_159800.1;Name=de6daa48-bf67-4b8f-98a3-
d35efbeaae75
SM_V9_3 iris    exon    35622784        35622950        .       +
        .       Parent=Smp_159800.1;Name=0ab34d0c-74e2-41aa-bc9e-
fd7432beaae7
SM_V9_3 iris    CDS     35615715        35615793        .       +
        0       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35617604        35617618        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35617737        35617751        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35618396        35618413        .       +
        2       Parent=Smp_159800.1
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SM_V9_3 iris    CDS     35618783        35618791        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35619249        35619257        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35619582        35619608        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35620626        35620646        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35621395        35621415        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35622015        35622028        .       +
        2       Parent=Smp_159800.1
SM_V9_3 iris    CDS     35622784        35622786        .       +
        0       Parent=Smp_159800.1
SM_V9_3 Liftoff gene    35624317        35643572        .       -
        .       ID=Smp_326510;geneID=Smp_326510
SM_V9_3 Liftoff mRNA    35624317        35643572        .       -
        .
ID=Smp_326510.1;Parent=Smp_326510;geneID=Smp_326510;product=Potassiu
m-transporting ATPase KdpC subunit
SM_V9_3 Liftoff exon    35624317        35624507        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35625091        35625105        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35625404        35625418        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35627892        35627912        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35628553        35628573        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35630360        35630377        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35631334        35631351        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35633182        35633196        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35634692        35634706        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35636551        35636569        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35637089        35637100        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35637471        35637485        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35640519        35640530        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35641174        35641185        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35642418        35642443        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35642941        35642952        .       -
        .       Parent=Smp_326510.1
SM_V9_3 Liftoff exon    35643481        35643572        .       -
        .       Parent=Smp_326510.1
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SM_V9_3 Liftoff CDS     35624503        35624507        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35625091        35625105        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35625404        35625418        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35627892        35627912        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35628553        35628573        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35630360        35630377        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35631334        35631351        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35633182        35633196        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35634692        35634706        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35636551        35636569        .       -
        0       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35637089        35637100        .       -
        0       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35637471        35637485        .       -
        0       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35640519        35640530        .       -
        0       Parent=Smp_326510.1
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        0       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35642418        35642443        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35642941        35642952        .       -
        2       Parent=Smp_326510.1
SM_V9_3 Liftoff CDS     35643481        35643550        .       -
        0       Parent=Smp_326510.1
SM_V9_3 Liftoff gene    35683029        35690354        .       -
        .       ID=Smp_180310;geneID=Smp_180310
SM_V9_3 Liftoff mRNA    35683029        35690354        .       -
        .
ID=Smp_180310.1;Parent=Smp_180310;geneID=Smp_180310;product=MEG 2
(ESP15) family;evidence=Traceable Author
Statement;literature=PMID:20606017
SM_V9_3 Liftoff exon    35683029        35683030        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35684304        35684318        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35684814        35684834        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35685650        35685670        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35686611        35686637        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35686994        35687002        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35687998        35688015        .       -
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        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35688907        35688921        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35689038        35689058        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff exon    35690282        35690354        .       -
        .       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35683029        35683030        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35684304        35684318        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35684814        35684834        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35685650        35685670        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35686611        35686637        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35686994        35687002        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35687998        35688015        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35688907        35688921        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35689038        35689058        .       -
        2       Parent=Smp_180310.1
SM_V9_3 Liftoff CDS     35690282        35690354        .       -
        0       Parent=Smp_180310.1
SM_V9_3 iris    gene    35703581        35709700        .       +
        .
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SM_V9_3 iris    mRNA    35703581        35709730        .       +
        .
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0340;owner=irisadmin@local.host;orig_id=Smp_180340.1;date_last_modif
ied=2022-09-07;Name=Smp_180340.1;product=MEG 2 (ESP15)
family;date_creation=2022-09-07
SM_V9_3 iris    exon    35703581        35703586        .       +
        .
Parent=Smp_180340.1;Name=6ac12b17-1852-46d6-9956-28ee8d5dd04b
SM_V9_3 iris    exon    35703688        35703705        .       +
        .       Parent=Smp_180340.1;Name=292fb9f5-074d-4685-
a7fd-095ee68f5454
SM_V9_3 iris    exon    35704441        35704462        .       +
        .       Parent=Smp_180340.1;Name=68ca606b-b22f-4c04-93f3-
d3f52a25fe7a
SM_V9_3 iris    exon    35705562        35705588        .       +
        .
Parent=Smp_180340.1;Name=18da0ffa-7d49-468c-8866-17c00b42cbb6
SM_V9_3 iris    exon    35706491        35706511        .       +
        .       Parent=Smp_180340.1;Name=820fbaa4-
de43-4305-9a2c-4815f1d2a104
SM_V9_3 iris    exon    35707675        35707695        .       +
        .       Parent=Smp_180340.1;Name=e6712a09-d214-40a0-
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b300-4986af6e8d6f
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b29f05d7f881
SM_V9_3 iris    exon    35709621        35709730        .       +
        .       Parent=Smp_180340.1;Name=50998738-7bc7-4383-
ba96-80449ae94b78
SM_V9_3 iris    CDS     35703581        35703586        .       +
        0       Parent=Smp_180340.1
SM_V9_3 iris    CDS     35703688        35703705        .       +
        0       Parent=Smp_180340.1
SM_V9_3 iris    CDS     35704441        35704462        .       +
        0       Parent=Smp_180340.1
SM_V9_3 iris    CDS     35705562        35705588        .       +
        2       Parent=Smp_180340.1
SM_V9_3 iris    CDS     35706491        35706511        .       +
        2       Parent=Smp_180340.1
SM_V9_3 iris    CDS     35707675        35707695        .       +
        2       Parent=Smp_180340.1
SM_V9_3 iris    CDS     35708669        35708683        .       +
        2       Parent=Smp_180340.1
SM_V9_3 iris    CDS     35709621        35709625        .       +
        2       Parent=Smp_180340.1
SM_V9_3 iris    gene    35713691        35723921        .       -
        .
ID=Smp_180330;geneID=Smp_180330;gene_name=Smp_180330;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_3 iris    mRNA    35713691        35723921        .       -
        .
ID=Smp_180330.1;Parent=Smp_180330;geneID=Smp_180330;gene_name=Smp_18
0330;owner=irisadmin@local.host;orig_id=Smp_180330.1;date_last_modif
ied=2022-11-13;Name=Smp_180330.1;product=MEG 2 (ESP15)
family;date_creation=2022-11-13
SM_V9_3 iris    exon    35713691        35713833        .       -
        .       Parent=Smp_180330.1;Name=Smp_180330.1-CDS
SM_V9_3 iris    exon    35714881        35714894        .       -
        .       Parent=Smp_180330.1;Name=e12d79b8-
e7a9-4bbd-92f8-173505206889
SM_V9_3 iris    exon    35715714        35715734        .       -
        .       Parent=Smp_180330.1;Name=23d9f5f1-
b8be-4f8a-8750-6d27dace5351
SM_V9_3 iris    exon    35716465        35716485        .       -
        .       Parent=Smp_180330.1;Name=e1a1e818-f08a-4c4d-b768-
f12a938a96a0
SM_V9_3 iris    exon    35716960        35716986        .       -
        .       Parent=Smp_180330.1;Name=206191b1-7581-4979-
b303-53dd9dcc1da8
SM_V9_3 iris    exon    35718098        35718118        .       -
        .
Parent=Smp_180330.1;Name=3b498e0f-61d7-4fb0-97c8-02c4a0c5dfdc
SM_V9_3 iris    exon    35718848        35718862        .       -
        .       Parent=Smp_180330.1;Name=b6f46efd-
b895-45ab-9f9e-665f9216e721
SM_V9_3 iris    exon    35718980        35718994        .       -
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SM_V9_3 iris    exon    35719583        35719597        .       -
        .       Parent=Smp_180330.1;Name=173f28ce-
b8e5-4473-9fe9-3009a4533b96
SM_V9_3 iris    exon    35721268        35721282        .       -
        .       Parent=Smp_180330.1;Name=fc7666a7-c86e-4794-97cd-
e7098485b421
SM_V9_3 iris    exon    35721997        35722011        .       -
        .       Parent=Smp_180330.1;Name=db75cf5c-133c-49f5-95aa-
b48bac41604f
SM_V9_3 iris    exon    35723852        35723921        .       -
        .       Parent=Smp_180330.1;Name=a12bb459-d749-4cef-b690-
b09698ccda60
SM_V9_3 iris    CDS     35713825        35713833        .       -
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SM_V9_3 iris    CDS     35714881        35714894        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35715714        35715734        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35716465        35716485        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35716960        35716986        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35718098        35718118        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35718848        35718862        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35718980        35718994        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35719583        35719597        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35721268        35721282        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35721997        35722011        .       -
        2       Parent=Smp_180330.1
SM_V9_3 iris    CDS     35723852        35723921        .       -
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SM_V9_3 iris    gene    35726831        35738897        .       +
        .
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@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    35726831        35738897        .       +
        .
ID=Smp_180320.1;Parent=Smp_180320;geneID=Smp_180320;gene_name=Smp_18
0320;owner=irisadmin@local.host;orig_id=Smp_180320.1;date_last_modif
ied=2022-09-07;Name=Smp_180320.1;product=MEG-2 (ESP15)
family;date_creation=2022-09-07
SM_V9_3 iris    exon    35726831        35726902        .       +
        .       Parent=Smp_180320.1;Name=24c10c17-
cb76-4db6-9eb4-2a39ea3d85a8
SM_V9_3 iris    exon    35729244        35729255        .       +
        .
Parent=Smp_180320.1;Name=27d1e7ab-6ab6-443b-97ae-3afc9efd1606
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SM_V9_3 iris    exon    35729828        35729842        .       +
        .       Parent=Smp_180320.1;Name=0caff8a2-
d478-455f-9460-809cdf161bc6
SM_V9_3 iris    exon    35730479        35730493        .       +
        .       Parent=Smp_180320.1;Name=122fb16a-63ce-4387-90dc-
fca4f5f6c688
SM_V9_3 iris    exon    35733311        35733325        .       +
        .       Parent=Smp_180320.1;Name=5fd76dae-1388-4fcb-
a64b-1a1a43f8b194
SM_V9_3 iris    exon    35733440        35733454        .       +
        .
Parent=Smp_180320.1;Name=77cac93e-5248-43ba-81f6-7decac21a6a3
SM_V9_3 iris    exon    35734217        35734234        .       +
        .
Parent=Smp_180320.1;Name=ffae005e-6619-4bca-9433-55f7f2937d62
SM_V9_3 iris    exon    35734963        35734971        .       +
        .       Parent=Smp_180320.1;Name=de221402-3cef-414a-
b4f9-2a30ca81483c
SM_V9_3 iris    exon    35735282        35735305        .       +
        .       Parent=Smp_180320.1;Name=db0b96f2-1740-4c5d-
afb7-9abaad15f8b1
SM_V9_3 iris    exon    35736306        35736326        .       +
        .       Parent=Smp_180320.1;Name=6b38b038-2a8a-4d78-a637-
a674672e172b
SM_V9_3 iris    exon    35738166        35738180        .       +
        .
Parent=Smp_180320.1;Name=32f04d5a-2780-42b6-9773-96dd75a11439
SM_V9_3 iris    exon    35738768        35738897        .       +
        .       Parent=Smp_180320.1;Name=0519bc85-
b14f-4f81-8746-9477e47892d8
SM_V9_3 iris    CDS     35726836        35726902        .       +
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SM_V9_3 iris    CDS     35729244        35729255        .       +
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SM_V9_3 iris    CDS     35729828        35729842        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35730479        35730493        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35733311        35733325        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35733440        35733454        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35734217        35734234        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35734963        35734971        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35735282        35735305        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35736306        35736326        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35738166        35738180        .       +
        2       Parent=Smp_180320.1
SM_V9_3 iris    CDS     35738768        35738775        .       +
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@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    35762447        35771497        .       -
       .
ID=Smp_345100.1;Parent=Smp_345100;geneID=Smp_345100;gene_name=Smp_34
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ied=2022-09-07;Name=Smp_345100.1;product=MEG-2 (ESP15)
family;date_creation=2022-09-07
SM_V9_3 iris    exon    35762447        35762609        .       -
       .
Parent=Smp_345100.1;Name=0004a330-7af1-4995-9f53-2c4d3af284aa
SM_V9_3 iris    exon    35763820        35763834        .       -
       .
Parent=Smp_345100.1;Name=023af467-4702-4b18-83d2-12e1e94c642c
SM_V9_3 iris    exon    35764333        35764353        .       -
       .
Parent=Smp_345100.1;Name=2a07efc9-6e4e-409b-9733-759e37b934fd
SM_V9_3 iris    exon    35765150        35765170        .       -
       .
Parent=Smp_345100.1;Name=00fa61e1-98f0-466f-8d57-21d1622f3900
SM_V9_3 iris    exon    35766113        35766139        .       -
       .
Parent=Smp_345100.1;Name=aa424337-414d-4ae6-89a5-31431589f2f8
SM_V9_3 iris    exon    35767158        35767175        .       -
       .       Parent=Smp_345100.1;Name=7047fd03-52cc-44bc-b180-
feb06a529246
SM_V9_3 iris    exon    35768073        35768087        .       -
       .       Parent=Smp_345100.1;Name=480a4597-403b-49e4-ac16-
e62c73f28116
SM_V9_3 iris    exon    35768200        35768220        .       -
       .       Parent=Smp_345100.1;Name=2512f040-f0df-4c02-
ac24-66bef779c669
SM_V9_3 iris    exon    35769253        35769267        .       -
       .       Parent=Smp_345100.1;Name=b845a136-4325-4b52-
a480-4f846bcaaa1f
SM_V9_3 iris    exon    35770066        35770080        .       -
       .       Parent=Smp_345100.1;Name=6f123b94-a695-419b-a682-
e1607e317cf0
SM_V9_3 iris    exon    35770559        35770570        .       -
       .       Parent=Smp_345100.1;Name=2cafd6bb-000a-48e1-876b-
e465fe070da9
SM_V9_3 iris    exon    35771414        35771497        .       -
       .       Parent=Smp_345100.1;Name=76745efb-4c67-4432-9761-
fc81e406d8f4
SM_V9_3 iris    CDS     35762608        35762609        .       -
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SM_V9_3 iris    CDS     35763820        35763834        .       -
       2       Parent=Smp_345100.1
SM_V9_3 iris    CDS     35764333        35764353        .       -
       2       Parent=Smp_345100.1
SM_V9_3 iris    CDS     35765150        35765170        .       -
       2       Parent=Smp_345100.1
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SM_V9_3 iris    CDS     35766113        35766139        .       -
        2       Parent=Smp_345100.1
SM_V9_3 iris    CDS     35767158        35767175        .       -
        2       Parent=Smp_345100.1
SM_V9_3 iris    CDS     35768073        35768087        .       -
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SM_V9_3 iris    CDS     35768200        35768220        .       -
        2       Parent=Smp_345100.1
SM_V9_3 iris    CDS     35769253        35769267        .       -
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SM_V9_3 iris    CDS     35770066        35770080        .       -
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SM_V9_3 iris    CDS     35770559        35770570        .       -
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        .
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ID=Smp_309120.1;Parent=Smp_309120;geneID=Smp_309120;gene_name=Smp_30
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ied=2022-09-07;Name=Smp_309120.1;product=Trans-1,2-
dihydrobenzene-1,2-diol dehydrogenase;date_creation=2022-09-07
SM_V9_3 iris    exon    35791693        35791780        .       -
        .
Parent=Smp_309120.1;Name=5211bf3a-85c6-4adc-9a07-266e07433a05
SM_V9_3 iris    exon    35792383        35792394        .       -
        .       Parent=Smp_309120.1;Name=514554d0-aca8-426a-8a52-
b9143617a7f5
SM_V9_3 iris    exon    35793813        35793824        .       -
        .
Parent=Smp_309120.1;Name=c34722fe-3d32-44a9-9f52-074c85f96fb9
SM_V9_3 iris    exon    35794479        35794490        .       -
        .       Parent=Smp_309120.1;Name=c951453e-47f1-4705-
bae2-9e16d3d3a250
SM_V9_3 iris    exon    35795055        35795066        .       -
        .
Parent=Smp_309120.1;Name=452a6504-72ee-4570-9ddf-4eac96611530
SM_V9_3 iris    exon    35795737        35795748        .       -
        .       Parent=Smp_309120.1;Name=22348e86-
a96b-49c7-9fc4-93e4564884ab
SM_V9_3 iris    exon    35796246        35796257        .       -
        .       Parent=Smp_309120.1;Name=266cbaf9-fc86-4751-ac62-
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SM_V9_3 iris    exon    35796786        35796905        .       -
        .
Parent=Smp_309120.1;Name=51fac4c9-0421-4135-867d-66b5db4f7c83
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SM_V9_3 iris    CDS     35792383        35792394        .       -
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SM_V9_3 iris    CDS     35793813        35793824        .       -
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        2       Parent=Smp_309120.1
SM_V9_3 iris    CDS     35795055        35795066        .       -
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SM_V9_3 iris    CDS     35795737        35795748        .       -
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SM_V9_3 iris    CDS     35796786        35796855        .       -
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        .
ID=Smp_336990;geneID=Smp_336990;previous_systematic_id=Smp_181510
SM_V9_3 Liftoff mRNA    35842138        35851424        .       -
        .
ID=Smp_336990.1;Parent=Smp_336990;geneID=Smp_336990;product=MEG-2
(ESP15) family;evidence=Traceable Author
Statement;literature=PMID:20606017
SM_V9_3 Liftoff exon    35842138        35842232        .       -
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SM_V9_3 Liftoff exon    35843443        35843457        .       -
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SM_V9_3 Liftoff exon    35843956        35843976        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35844773        35844793        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35845736        35845762        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35846781        35846798        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35847696        35847710        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35847823        35847843        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35848876        35848890        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35849957        35849971        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35850449        35850460        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff exon    35851303        35851424        .       -
        .       Parent=Smp_336990.1
SM_V9_3 Liftoff CDS     35842231        35842232        .       -
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        2       Parent=Smp_336990.1
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SM_V9_3 Liftoff CDS     35844773        35844793        .       -
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SM_V9_3 Liftoff CDS     35845736        35845762        .       -
        2       Parent=Smp_336990.1
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        2       Parent=Smp_336990.1
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SM_V9_3 Liftoff CDS     35850449        35850460        .       -
        2       Parent=Smp_336990.1
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        0       Parent=Smp_336990.1
SM_V9_3 Liftoff gene    35861707        35872540        .       -
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        .
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ical protein
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        .       Parent=Smp_337000.1
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        .       Parent=Smp_337000.1
SM_V9_3 Liftoff exon    35865412        35865432        .       -
        .       Parent=Smp_337000.1
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        .       Parent=Smp_337000.1
SM_V9_3 Liftoff exon    35866379        35866387        .       -
        .       Parent=Smp_337000.1
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        .       Parent=Smp_337000.1
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        .       Parent=Smp_337000.1
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        .       Parent=Smp_337000.1
SM_V9_3 Liftoff exon    35868529        35868543        .       -
        .       Parent=Smp_337000.1
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        .       Parent=Smp_337000.1
SM_V9_3 Liftoff exon    35870580        35870594        .       -
        .       Parent=Smp_337000.1
SM_V9_3 Liftoff exon    35872441        35872540        .       -
        .       Parent=Smp_337000.1
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        0       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35862914        35862927        .       -
        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35864563        35864583        .       -
        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35865412        35865432        .       -
        2       Parent=Smp_337000.1
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SM_V9_3 Liftoff CDS     35865950        35865976        .       -
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        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35867147        35867164        .       -
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SM_V9_3 Liftoff CDS     35867875        35867889        .       -
        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35868000        35868014        .       -
        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35868529        35868543        .       -
        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35869850        35869864        .       -
        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35870580        35870594        .       -
        2       Parent=Smp_337000.1
SM_V9_3 Liftoff CDS     35872441        35872540        .       -
        0       Parent=Smp_337000.1
SM_V9_3 iris    gene    36004934        36013196        .       -
        .
ID=Smp_016640;geneID=Smp_016640;gene_name=Smp_016640;owner=irisadmin
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SM_V9_3 iris    mRNA    36004934        36013196        .       -
        .
ID=Smp_016640.1;Parent=Smp_016640;geneID=Smp_016640;gene_name=Smp_01
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ied=2022-09-07;Name=Smp_016640.1;product=Testicular acid phosphatase
homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    36004934        36005772        .       -
        .       Parent=Smp_016640.1;Name=1548acd5-
fef7-45a2-8e7c-081bb6351ae9
SM_V9_3 iris    exon    36009676        36010054        .       -
        .
Parent=Smp_016640.1;Name=12936cfd-1b7a-460f-9c17-87d670135e26
SM_V9_3 iris    exon    36011970        36012237        .       -
        .       Parent=Smp_016640.1;Name=a42772d2-
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SM_V9_3 iris    exon    36012273        36012635        .       -
        .       Parent=Smp_016640.1;Name=160df82e-1bec-4c43-a187-
be686eb7d1b6
SM_V9_3 iris    exon    36012690        36012732        .       -
        .       Parent=Smp_016640.1;Name=3cf8f966-bfef-4678-9f5f-
b4e3d69a0bbf
SM_V9_3 iris    exon    36012766        36012868        .       -
        .
Parent=Smp_016640.1;Name=fe50f7c5-8076-4a7a-97d4-527474287d9e
SM_V9_3 iris    exon    36012939        36013196        .       -
        .       Parent=Smp_016640.1;Name=de0d7c77-fa74-4249-
a39c-4d712da804ea
SM_V9_3 iris    CDS     36005310        36005772        .       -
        1       Parent=Smp_016640.1
SM_V9_3 iris    CDS     36009676        36010054        .       -
        2       Parent=Smp_016640.1
SM_V9_3 iris    CDS     36011970        36012237        .       -
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SM_V9_3 iris    CDS     36012273        36012611        .       -
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SM_V9_3 Liftoff gene    36021990        36039676        .       -
        .
ID=Smp_342580;geneID=Smp_342580;previous_systematic_id=Smp_131240
SM_V9_3 Liftoff mRNA    36021990        36039676        .       -
        .
ID=Smp_342580.1;Parent=Smp_342580;geneID=Smp_342580;product=Pancreas
transcription factor 1 subunit
alpha;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_3 Liftoff exon    36021990        36022650        .       -
        .       Parent=Smp_342580.1
SM_V9_3 Liftoff exon    36029160        36029597        .       -
        .       Parent=Smp_342580.1
SM_V9_3 Liftoff exon    36031132        36039676        .       -
        .       Parent=Smp_342580.1
SM_V9_3 Liftoff CDS     36022406        36022650        .       -
        2       Parent=Smp_342580.1
SM_V9_3 Liftoff CDS     36029160        36029597        .       -
        2       Parent=Smp_342580.1
SM_V9_3 Liftoff CDS     36031132        36031996        .       -
        0       Parent=Smp_342580.1
SM_V9_3 iris    gene    36046972        36066941        .       -
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    36046972        36066941        .       -
        .
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ied=2022-07-27;Name=Smp_179810.1;product=Troponin
T;date_creation=2022-07-26
SM_V9_3 iris    exon    36046972        36047802        .       -
        .       Parent=Smp_179810.1;Name=05617266-3d9c-4f8f-8b53-
cfa42d3de71e
SM_V9_3 iris    exon    36047909        36047972        .       -
        .       Parent=Smp_179810.1;Name=6c6d2539-ea75-47b4-
b759-3ed7844da6a0
SM_V9_3 iris    exon    36049252        36049292        .       -
        .
Parent=Smp_179810.1;Name=4d1cbafd-3e26-4b3f-849d-238de42ca1bf
SM_V9_3 iris    exon    36049800        36050024        .       -
        .       Parent=Smp_179810.1;Name=183be036-f3af-4008-be0c-
b25a70e6ddd3
SM_V9_3 iris    exon    36052234        36052365        .       -
        .
Parent=Smp_179810.1;Name=342ddbe1-9eb3-4451-9e69-605451905c44
SM_V9_3 iris    exon    36054330        36054416        .       -
        .
Parent=Smp_179810.1;Name=22f9362c-3811-4366-8eca-809705cbb7c9
SM_V9_3 iris    exon    36055533        36055649        .       -
        .       Parent=Smp_179810.1;Name=55ba8df4-3777-454e-a43e-
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df15ecbf0931
SM_V9_3 iris    exon    36055723        36055759        .       -
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Parent=Smp_179810.1;Name=9c649e60-389f-4d19-8b49-869fd52564c6
SM_V9_3 iris    exon    36062401        36062430        .       -
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SM_V9_3 iris    exon    36065029        36065108        .       -
        .       Parent=Smp_179810.1;Name=cd19618c-b6ad-406f-b9df-
a9ddb2f844f3
SM_V9_3 iris    exon    36066826        36066941        .       -
        .       Parent=Smp_179810.1;Name=51114012-080d-4728-a744-
df3bf9d2783f
SM_V9_3 iris    CDS     36047578        36047802        .       -
        0       Parent=Smp_179810.1
SM_V9_3 iris    CDS     36047909        36047972        .       -
        1       Parent=Smp_179810.1
SM_V9_3 iris    CDS     36049252        36049292        .       -
        0       Parent=Smp_179810.1
SM_V9_3 iris    CDS     36049800        36050024        .       -
        0       Parent=Smp_179810.1
SM_V9_3 iris    CDS     36052234        36052365        .       -
        0       Parent=Smp_179810.1
SM_V9_3 iris    CDS     36054330        36054416        .       -
        0       Parent=Smp_179810.1
SM_V9_3 iris    CDS     36055533        36055649        .       -
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SM_V9_3 iris    CDS     36065029        36065048        .       -
        0       Parent=Smp_179810.1
SM_V9_3 iris    gene    36128955        36143207        .       +
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    36128955        36143207        .       +
        .
ID=Smp_340020.1;Parent=Smp_340020;geneID=Smp_340020;gene_name=Smp_34
0020;owner=irisadmin@local.host;orig_id=Smp_340020.1;date_last_modif
ied=2022-07-27;Name=Smp_340020.1;product=ADP-ribosylation factor
6;date_creation=2022-07-26
SM_V9_3 iris    exon    36128955        36129006        .       +
        .
Parent=Smp_340020.1;Name=02691db9-4529-492b-9b1a-0f090c6bc36f
SM_V9_3 iris    exon    36137030        36137138        .       +
        .       Parent=Smp_340020.1;Name=bc070a00-91f7-4297-
b2b2-1e543881db45
SM_V9_3 iris    exon    36137179        36137282        .       +
        .       Parent=Smp_340020.1;Name=a574fccb-
bffa-4d51-8432-25056edaa412
SM_V9_3 iris    exon    36137333        36137531        .       +
        .       Parent=Smp_340020.1;Name=ee1fed49-57d9-4006-b7fc-
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c8403b6d4508
SM_V9_3 iris    exon    36141420        36143207        .       +
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b7a8-541f19e5b2c2
SM_V9_3 iris    CDS     36137057        36137138        .       +
        0       Parent=Smp_340020.1
SM_V9_3 iris    CDS     36137179        36137282        .       +
        2       Parent=Smp_340020.1
SM_V9_3 iris    CDS     36137333        36137531        .       +
        0       Parent=Smp_340020.1
SM_V9_3 iris    CDS     36141420        36141565        .       +
        2       Parent=Smp_340020.1
SM_V9_3 Liftoff gene    36164787        36183053        .       -
        .       ID=Smp_000720;geneID=Smp_000720
SM_V9_3 Liftoff mRNA    36164787        36183053        .       -
        .
ID=Smp_000720.1;Parent=Smp_000720;geneID=Smp_000720;product=Homeodom
ain-interacting protein kinase
3;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_3 Liftoff exon    36164787        36166429        .       -
        .       Parent=Smp_000720.1
SM_V9_3 Liftoff exon    36168654        36168706        .       -
        .       Parent=Smp_000720.1
SM_V9_3 Liftoff exon    36170039        36170207        .       -
        .       Parent=Smp_000720.1
SM_V9_3 Liftoff exon    36170570        36170822        .       -
        .       Parent=Smp_000720.1
SM_V9_3 Liftoff exon    36172711        36173887        .       -
        .       Parent=Smp_000720.1
SM_V9_3 Liftoff exon    36178384        36178763        .       -
        .       Parent=Smp_000720.1
SM_V9_3 Liftoff exon    36181789        36183053        .       -
        .       Parent=Smp_000720.1
SM_V9_3 Liftoff CDS     36165840        36166429        .       -
        2       Parent=Smp_000720.1
SM_V9_3 Liftoff CDS     36168654        36168706        .       -
        1       Parent=Smp_000720.1
SM_V9_3 Liftoff CDS     36170039        36170207        .       -
        2       Parent=Smp_000720.1
SM_V9_3 Liftoff CDS     36170570        36170822        .       -
        0       Parent=Smp_000720.1
SM_V9_3 Liftoff CDS     36172711        36173887        .       -
        1       Parent=Smp_000720.1
SM_V9_3 Liftoff CDS     36178384        36178763        .       -
        0       Parent=Smp_000720.1
SM_V9_3 Liftoff CDS     36181789        36182946        .       -
        0       Parent=Smp_000720.1
SM_V9_3 Liftoff gene    36200227        36204748        .       +
        .
ID=Smp_000710;geneID=Smp_000710;previous_systematic_id=Smp_122440
SM_V9_3 Liftoff mRNA    36200227        36204748        .       +
        .
ID=Smp_000710.1;Parent=Smp_000710;geneID=Smp_000710;product=Deubiqui
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SM_V9_3 Liftoff exon    36200227        36200337        .       +
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SM_V9_3 Liftoff exon    36200373        36200453        .       +
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SM_V9_3 Liftoff exon    36200487        36200706        .       +
        .       Parent=Smp_000710.1
SM_V9_3 Liftoff exon    36200746        36200826        .       +
        .       Parent=Smp_000710.1
SM_V9_3 Liftoff exon    36200858        36201176        .       +
        .       Parent=Smp_000710.1
SM_V9_3 Liftoff exon    36201898        36202030        .       +
        .       Parent=Smp_000710.1
SM_V9_3 Liftoff exon    36202432        36202575        .       +
        .       Parent=Smp_000710.1
SM_V9_3 Liftoff exon    36204276        36204748        .       +
        .       Parent=Smp_000710.1
SM_V9_3 Liftoff CDS     36200293        36200337        .       +
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SM_V9_3 Liftoff CDS     36200373        36200453        .       +
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SM_V9_3 Liftoff CDS     36200487        36200706        .       +
        0       Parent=Smp_000710.1
SM_V9_3 Liftoff CDS     36200746        36200826        .       +
        2       Parent=Smp_000710.1
SM_V9_3 Liftoff CDS     36200858        36201176        .       +
        2       Parent=Smp_000710.1
SM_V9_3 Liftoff CDS     36201898        36202030        .       +
        1       Parent=Smp_000710.1
SM_V9_3 Liftoff CDS     36202432        36202575        .       +
        0       Parent=Smp_000710.1
SM_V9_3 Liftoff CDS     36204276        36204497        .       +
        0       Parent=Smp_000710.1
SM_V9_3 Liftoff gene    36205097        36222182        .       +
        .
ID=Smp_000700;geneID=Smp_000700;previous_systematic_id=Smp_122440
SM_V9_3 Liftoff mRNA    36205097        36222182        .       +
        .
ID=Smp_000700.1;Parent=Smp_000700;geneID=Smp_000700;product=SET and
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Pfam:PF00856;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    36205097        36207207        .       +
        .       Parent=Smp_000700.1
SM_V9_3 Liftoff exon    36209222        36209457        .       +
        .       Parent=Smp_000700.1
SM_V9_3 Liftoff exon    36213490        36213940        .       +
        .       Parent=Smp_000700.1
SM_V9_3 Liftoff exon    36215578        36215699        .       +
        .       Parent=Smp_000700.1
SM_V9_3 Liftoff exon    36216471        36216806        .       +
        .       Parent=Smp_000700.1
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SM_V9_3 Liftoff exon    36217736        36217945        .       +
        .       Parent=Smp_000700.1
SM_V9_3 Liftoff exon    36220228        36222182        .       +
        .       Parent=Smp_000700.1
SM_V9_3 Liftoff CDS     36207024        36207207        .       +
        0       Parent=Smp_000700.1
SM_V9_3 Liftoff CDS     36209222        36209457        .       +
        2       Parent=Smp_000700.1
SM_V9_3 Liftoff CDS     36213490        36213940        .       +
        0       Parent=Smp_000700.1
SM_V9_3 Liftoff CDS     36215578        36215699        .       +
        2       Parent=Smp_000700.1
SM_V9_3 Liftoff CDS     36216471        36216806        .       +
        0       Parent=Smp_000700.1
SM_V9_3 Liftoff CDS     36217736        36217945        .       +
        0       Parent=Smp_000700.1
SM_V9_3 Liftoff CDS     36220228        36221175        .       +
        0       Parent=Smp_000700.1
SM_V9_3 Liftoff gene    36227867        36233195        .       +
        .       ID=Smp_000690;geneID=Smp_000690
SM_V9_3 Liftoff mRNA    36227867        36233195        .       +
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ID=Smp_000690.1;Parent=Smp_000690;geneID=Smp_000690;product=Brain-
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2,IPR013847,IPR017970
Pfam:PF00046,PF00157;Ontology_term=GO:0003677,GO:0003700,GO:0006355,
GO:0043565
SM_V9_3 Liftoff exon    36227867        36233195        .       +
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SM_V9_3 Liftoff CDS     36231925        36233067        .       +
        0       Parent=Smp_000690.1
SM_V9_3 Liftoff gene    36246388        36250613        .       -
        .       ID=Smp_000680;geneID=Smp_000680
SM_V9_3 Liftoff mRNA    36246388        36250613        .       -
        .
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drial ornithine transporter
1;polypeptide_domain=InterPro:IPR018108,IPR023395 Pfam:PF00153
SM_V9_3 Liftoff exon    36246388        36246668        .       -
        .       Parent=Smp_000680.1
SM_V9_3 Liftoff exon    36247332        36247699        .       -
        .       Parent=Smp_000680.1
SM_V9_3 Liftoff exon    36249939        36250341        .       -
        .       Parent=Smp_000680.1
SM_V9_3 Liftoff exon    36250376        36250613        .       -
        .       Parent=Smp_000680.1
SM_V9_3 Liftoff CDS     36246550        36246668        .       -
        2       Parent=Smp_000680.1
SM_V9_3 Liftoff CDS     36247332        36247699        .       -
        1       Parent=Smp_000680.1
SM_V9_3 Liftoff CDS     36249939        36250341        .       -
        2       Parent=Smp_000680.1
SM_V9_3 Liftoff CDS     36250376        36250424        .       -
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SM_V9_3 Liftoff gene    36255007        36274561        .       +
        .
ID=Smp_000670;geneID=Smp_000670;previous_systematic_id=Smp_122420
SM_V9_3 Liftoff mRNA    36255007        36274561        .       +
        .
ID=Smp_000670.1;Parent=Smp_000670;geneID=Smp_000670;product=Arf-GAP
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SM_V9_3 Liftoff exon    36255007        36257466        .       +
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SM_V9_3 Liftoff exon    36259047        36260642        .       +
        .       Parent=Smp_000670.1
SM_V9_3 Liftoff exon    36264276        36264699        .       +
        .       Parent=Smp_000670.1
SM_V9_3 Liftoff exon    36265074        36265369        .       +
        .       Parent=Smp_000670.1
SM_V9_3 Liftoff exon    36266079        36266288        .       +
        .       Parent=Smp_000670.1
SM_V9_3 Liftoff exon    36273331        36274561        .       +
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SM_V9_3 Liftoff CDS     36257254        36257466        .       +
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        0       Parent=Smp_000670.1
SM_V9_3 Liftoff CDS     36264276        36264699        .       +
        0       Parent=Smp_000670.1
SM_V9_3 Liftoff CDS     36265074        36265369        .       +
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SM_V9_3 Liftoff CDS     36273331        36273819        .       +
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SM_V9_3 Liftoff mRNA    36286185        36305684        .       -
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70
SM_V9_3 Liftoff exon    36286185        36290184        .       -
        .       Parent=Smp_000660.1
SM_V9_3 Liftoff exon    36292027        36292165        .       -
        .       Parent=Smp_000660.1
SM_V9_3 Liftoff exon    36293038        36293151        .       -
        .       Parent=Smp_000660.1
SM_V9_3 Liftoff exon    36297572        36297650        .       -
        .       Parent=Smp_000660.1
SM_V9_3 Liftoff exon    36299094        36299266        .       -
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SM_V9_3 Liftoff exon    36301736        36301959        .       -
        .       Parent=Smp_000660.1
SM_V9_3 Liftoff exon    36305170        36305552        .       -
        .       Parent=Smp_000660.1
SM_V9_3 Liftoff exon    36305601        36305684        .       -
        .       Parent=Smp_000660.1
SM_V9_3 Liftoff CDS     36290015        36290184        .       -
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SM_V9_3 Liftoff CDS     36292027        36292165        .       -
        0       Parent=Smp_000660.1
SM_V9_3 Liftoff CDS     36293038        36293151        .       -
        0       Parent=Smp_000660.1
SM_V9_3 Liftoff CDS     36297572        36297650        .       -
        1       Parent=Smp_000660.1
SM_V9_3 Liftoff CDS     36299094        36299266        .       -
        0       Parent=Smp_000660.1
SM_V9_3 Liftoff CDS     36301736        36301959        .       -
        2       Parent=Smp_000660.1
SM_V9_3 Liftoff CDS     36305170        36305552        .       -
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SM_V9_3 Liftoff CDS     36305601        36305641        .       -
        0       Parent=Smp_000660.1
SM_V9_3 iris    gene    36333630        36345224        .       -
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ID=Smp_000650;geneID=Smp_000650;gene_name=Smp_000650;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    36333630        36345224        .       -
        .
ID=Smp_000650.1;Parent=Smp_000650;geneID=Smp_000650;gene_name=Smp_00
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ied=2022-07-27;Name=Smp_000650.1;product=E3 ubiquitin-protein ligase
sina;date_creation=2022-07-26
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SM_V9_3 iris    exon    36336887        36337076        .       -
        .       Parent=Smp_000650.1;Name=4f28fe86-
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SM_V9_3 iris    exon    36339346        36339452        .       -
        .       Parent=Smp_000650.1;Name=fa5c3a03-3218-4242-
ab7a-451ff35b6625
SM_V9_3 iris    exon    36341886        36342018        .       -
        .       Parent=Smp_000650.1;Name=caa69117-b526-48c6-9d31-
c3b03a4c6f52
SM_V9_3 iris    exon    36344658        36345224        .       -
        .       Parent=Smp_000650.1;Name=bdb82978-7040-46b6-
ac25-36dbbe8f2e6a
SM_V9_3 iris    CDS     36334682        36334874        .       -
        1       Parent=Smp_000650.1
SM_V9_3 iris    CDS     36336887        36337076        .       -
        2       Parent=Smp_000650.1
SM_V9_3 iris    CDS     36339346        36339452        .       -
        1       Parent=Smp_000650.1
```

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SM_V9_3 iris    CDS     36341886        36342018        .       -
        2       Parent=Smp_000650.1
SM_V9_3 iris    CDS     36344658        36345150        .       -
        0       Parent=Smp_000650.1
SM_V9_3 iris    gene    36345595        36347143        .       +
        .
ID=Smp_350360;geneID=Smp_350360;gene_name=Smp_350360;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    36345580        36347143        .       +
        .
ID=Smp_350360.1;Parent=Smp_350360;geneID=Smp_350360;gene_name=Smp_35
0360;owner=irisadmin@local.host;date_last_modified=2022-09-05;Name=S
mp_350360.1;date_creation=2022-09-05
SM_V9_3 iris    exon    36345580        36347143        .       +
        .       Parent=Smp_350360.1;Name=Smp_350360.1-CDS
SM_V9_3 iris    CDS     36345722        36346477        .       +
        0       Parent=Smp_350360.1
SM_V9_3 Liftoff gene    36381907        36387831        .       +
        .       ID=Smp_000640;geneID=Smp_000640
SM_V9_3 Liftoff mRNA    36381907        36387831        .       +
        .
ID=Smp_000640.1;Parent=Smp_000640;geneID=Smp_000640;product=Adapter
molecule Crk;polypeptide_domain=InterPro:IPR000980,IPR001452
Pfam:PF00017,PF00018;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    36381907        36381966        .       +
        .       Parent=Smp_000640.1
SM_V9_3 Liftoff exon    36381999        36382335        .       +
        .       Parent=Smp_000640.1
SM_V9_3 Liftoff exon    36382368        36382493        .       +
        .       Parent=Smp_000640.1
SM_V9_3 Liftoff exon    36383999        36384154        .       +
        .       Parent=Smp_000640.1
SM_V9_3 Liftoff exon    36386939        36387831        .       +
        .       Parent=Smp_000640.1
SM_V9_3 Liftoff CDS     36381938        36381966        .       +
        0       Parent=Smp_000640.1
SM_V9_3 Liftoff CDS     36381999        36382335        .       +
        1       Parent=Smp_000640.1
SM_V9_3 Liftoff CDS     36382368        36382493        .       +
        0       Parent=Smp_000640.1
SM_V9_3 Liftoff CDS     36383999        36384154        .       +
        0       Parent=Smp_000640.1
SM_V9_3 Liftoff CDS     36386939        36387058        .       +
        0       Parent=Smp_000640.1
SM_V9_3 Liftoff gene    36387887        36392721        .       +
        .
ID=Smp_000630;geneID=Smp_000630;previous_systematic_id=Sm_122400
SM_V9_3 Liftoff mRNA    36387887        36392721        .       +
        .
ID=Smp_000630.1;Parent=Smp_000630;geneID=Smp_000630;product=Isochori
smatase domain-containing protein
2;polypeptide_domain=InterPro:IPR000868
Pfam:PF00857;Ontology_term=GO:0003824,GO:0008152
SM_V9_3 Liftoff exon    36387887        36388200        .       +
```

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        .       Parent=Smp_000630.1
SM_V9_3 Liftoff exon    36390378        36390624        .       +
        .       Parent=Smp_000630.1
SM_V9_3 Liftoff exon    36392319        36392721        .       +
        .       Parent=Smp_000630.1
SM_V9_3 Liftoff CDS     36388014        36388200        .       +
        0       Parent=Smp_000630.1
SM_V9_3 Liftoff CDS     36390378        36390624        .       +
        2       Parent=Smp_000630.1
SM_V9_3 Liftoff CDS     36392319        36392499        .       +
        1       Parent=Smp_000630.1
SM_V9_3 Liftoff gene    36394977        36396341        .       +
        .       ID=Smp_000620;geneID=Smp_000620
SM_V9_3 Liftoff mRNA    36394977        36396341        .       +
        .
ID=Smp_000620.1;Parent=Smp_000620;geneID=Smp_000620;product=Class E
basic helix-loop-helix protein
23;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_3 Liftoff exon    36394977        36396341        .       +
        .       Parent=Smp_000620.1
SM_V9_3 Liftoff CDS     36395105        36395836        .       +
        0       Parent=Smp_000620.1
SM_V9_3 iris    gene    36404648        36428283        .       -
        .
ID=Smp_000600;geneID=Smp_000600;gene_name=Smp_000600;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    36404648        36428283        .       -
        .
ID=Smp_000600.1;Parent=Smp_000600;geneID=Smp_000600;gene_name=Smp_00
0600;owner=irisadmin@local.host;orig_id=Smp_000600.1;date_last_modif
ied=2022-07-27;Name=Smp_000600.1;product=Notchless protein homolog
1;date_creation=2022-07-26
SM_V9_3 iris    exon    36404648        36404843        .       -
        .       Parent=Smp_000600.1;Name=a5346071-
e669-4fa9-81ee-37ae4c24c40c
SM_V9_3 iris    exon    36406736        36407092        .       -
        .       Parent=Smp_000600.1;Name=2d8df0f0-efc6-42c6-
a142-9071408c12d6
SM_V9_3 iris    exon    36407790        36407995        .       -
        .       Parent=Smp_000600.1;Name=9d7aa639-b13f-4291-
a7b3-3b17377f77a1
SM_V9_3 iris    exon    36408840        36408886        .       -
        .       Parent=Smp_000600.1;Name=f8930e01-
adde-45df-86e5-7d663cd29881
SM_V9_3 iris    exon    36413116        36413459        .       -
        .       Parent=Smp_000600.1;Name=b5c79a6b-b988-434c-
a0f1-9c1a4113ed25
SM_V9_3 iris    exon    36415601        36415903        .       -
        .       Parent=Smp_000600.1;Name=2bcce586-b850-4ef6-a50e-
b1b7c321856e
SM_V9_3 iris    exon    36421531        36421793        .       -
        .       Parent=Smp_000600.1;Name=4363dbc8-e5b5-4287-
abbe-6e409ddd8d93
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SM_V9_3 iris    exon    36424623        36424848        .       -
        .       Parent=Smp_000600.1;Name=7fa7aa04-2589-405e-b4a3-
b0a87a3f9f75
SM_V9_3 iris    exon    36428221        36428283        .       -
        .       Parent=Smp_000600.1;Name=983e6831-5edd-4302-8174-
ecc856dc4d98
SM_V9_3 iris    CDS     36404831        36404843        .       -
        1       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36406736        36407092        .       -
        1       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36407790        36407995        .       -
        0       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36408840        36408886        .       -
        2       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36413116        36413459        .       -
        1       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36415601        36415903        .       -
        1       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36421531        36421793        .       -
        0       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36424623        36424848        .       -
        1       Parent=Smp_000600.1
SM_V9_3 iris    CDS     36428221        36428225        .       -
        0       Parent=Smp_000600.1
SM_V9_3 Liftoff gene    36448157        36452425        .       +
        .       ID=Smp_000590;geneID=Smp_000590
SM_V9_3 Liftoff mRNA    36448157        36452425        .       +
        .
ID=Smp_000590.1;Parent=Smp_000590;geneID=Smp_000590;product=28S
ribosomal protein S26,
mitochondrial;polypeptide_domain=InterPro:IPR026140
Pfam:PF14943;Ontology_term=GO:0005763
SM_V9_3 Liftoff exon    36448157        36450035        .       +
        .       Parent=Smp_000590.1
SM_V9_3 Liftoff exon    36450069        36450171        .       +
        .       Parent=Smp_000590.1
SM_V9_3 Liftoff exon    36450206        36450461        .       +
        .       Parent=Smp_000590.1
SM_V9_3 Liftoff exon    36452032        36452425        .       +
        .       Parent=Smp_000590.1
SM_V9_3 Liftoff CDS     36449945        36450035        .       +
        0       Parent=Smp_000590.1
SM_V9_3 Liftoff CDS     36450069        36450171        .       +
        2       Parent=Smp_000590.1
SM_V9_3 Liftoff CDS     36450206        36450461        .       +
        1       Parent=Smp_000590.1
SM_V9_3 Liftoff CDS     36452032        36452232        .       +
        0       Parent=Smp_000590.1
SM_V9_3 Liftoff gene    36461179        36475421        .       -
        .       ID=Smp_000580;geneID=Smp_000580
SM_V9_3 Liftoff mRNA    36461179        36475421        .       -
        .
ID=Smp_000580.1;Parent=Smp_000580;geneID=Smp_000580;product=Coiled-
coil domain-containing protein 63
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SM_V9_3 Liftoff exon    36461179        36461586        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36462340        36462449        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36463655        36463909        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36466219        36466329        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36466381        36466562        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36470961        36471151        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36471658        36471839        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36471895        36472029        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36472093        36472282        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff exon    36472350        36475421        .       -
        .       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36461397        36461586        .       -
        1       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36462340        36462449        .       -
        0       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36463655        36463909        .       -
        0       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36466219        36466329        .       -
        0       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36466381        36466562        .       -
        2       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36470961        36471151        .       -
        1       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36471658        36471839        .       -
        0       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36471895        36472029        .       -
        0       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36472093        36472282        .       -
        1       Parent=Smp_000580.1
SM_V9_3 Liftoff CDS     36472350        36472504        .       -
        0       Parent=Smp_000580.1
SM_V9_3 Liftoff gene    36480685        36511247        .       +
        .
ID=Smp_122370;geneID=Smp_122370;previous_systematic_id=Smp_000570
SM_V9_3 Liftoff mRNA    36480685        36511247        .       +
        .
ID=Smp_122370.1;Parent=Smp_122370;geneID=Smp_122370;product=Tyrosine
-protein kinase
BAZ1B;polypeptide_domain=InterPro:IPR001487,IPR001841,IPR001965,IPR0
11011,IPR013083,IPR013136,IPR019786,IPR019787,IPR028941
Pfam:PF00439,PF00628,PF10537,PF15613;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    36480685        36484617        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36484655        36484763        .       +
        .       Parent=Smp_122370.1
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SM_V9_3 Liftoff exon    36484798        36484843        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36484881        36484955        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36484990        36485066        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36485103        36485268        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36487793        36488062        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36489331        36489614        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36490890        36491472        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36493100        36493264        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36495377        36495734        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36495882        36496169        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36496325        36496664        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36498534        36498576        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36500051        36500575        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36501752        36502193        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36502270        36502498        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36506441        36506861        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36507627        36507864        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff exon    36510273        36511247        .       +
        .       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36484299        36484617        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36484655        36484763        .       +
        2       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36484798        36484843        .       +
        1       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36484881        36484955        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36484990        36485066        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36485103        36485268        .       +
        1       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36487793        36488062        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36489331        36489614        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36490890        36491472        .       +
        1       Parent=Smp_122370.1
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SM_V9_3 Liftoff CDS     36493100        36493264        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36495377        36495734        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36495882        36496169        .       +
        2       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36496325        36496664        .       +
        2       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36498534        36498576        .       +
        1       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36500051        36500575        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36501752        36502193        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36502270        36502498        .       +
        2       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36506441        36506861        .       +
        1       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36507627        36507864        .       +
        0       Parent=Smp_122370.1
SM_V9_3 Liftoff CDS     36510273        36510310        .       +
        2       Parent=Smp_122370.1
SM_V9_3 Liftoff gene    36511385        36527055        .       +
        .       ID=Smp_000560;geneID=Smp_000560
SM_V9_3 Liftoff mRNA    36511385        36527055        .       +
        .
ID=Smp_000560.1;Parent=Smp_000560;geneID=Smp_000560;product=Probable
GTP 3',8-cyclase
SM_V9_3 Liftoff exon    36511385        36511445        .       +
        .       Parent=Smp_000560.1
SM_V9_3 Liftoff exon    36526895        36527055        .       +
        .       Parent=Smp_000560.1
SM_V9_3 Liftoff CDS     36511385        36511445        .       +
        0       Parent=Smp_000560.1
SM_V9_3 Liftoff CDS     36526895        36527055        .       +
        2       Parent=Smp_000560.1
SM_V9_3 iris    gene    36555479        36687680        .       +
        .
ID=Smp_266960;geneID=Smp_266960;gene_name=Smp_266960;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_3 iris    mRNA    36555479        36687680        .       +
        .
ID=Smp_266960.1;Parent=Smp_266960;geneID=Smp_266960;gene_name=Smp_26
6960;owner=irisadmin@local.host;orig_id=Smp_266960.1;date_last_modif
ied=2022-09-05;Name=Smp_266960.1;product=Transcriptional activator
cubitus interruptus;date_creation=2022-09-05
SM_V9_3 iris    exon    36555479        36556286        .       +
        .       Parent=Smp_266960.1;Name=2926bd4a-6895-40e1-
a58e-18a0a53250a4
SM_V9_3 iris    exon    36644842        36645415        .       +
        .       Parent=Smp_266960.1;Name=8c87cff7-ae5d-42f3-8fed-
bf6a8b5ed80e
SM_V9_3 iris    exon    36650587        36650917        .       +
        .       Parent=Smp_266960.1;Name=19096181-
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b383-4736-8ba2-11774684469a
SM_V9_3 iris    exon    36665965        36666572        .       +
        .       Parent=Smp_266960.1;Name=db81bde5-79e2-4324-
b745-1f0495be9cfb
SM_V9_3 iris    exon    36667809        36669760        .       +
        .       Parent=Smp_266960.1;Name=d277c9c3-9a4b-4cb0-
b5d0-426084414375
SM_V9_3 iris    exon    36671378        36671527        .       +
        .       Parent=Smp_266960.1;Name=85394243-de7c-48ec-9310-
be5c38d0166b
SM_V9_3 iris    exon    36676680        36676937        .       +
        .
Parent=Smp_266960.1;Name=3fb9d9e3-748e-429b-9d99-423c539e9133
SM_V9_3 iris    exon    36678929        36679975        .       +
        .       Parent=Smp_266960.1;Name=de275710-15e6-4283-b913-
a27921f51dd9
SM_V9_3 iris    exon    36681026        36681461        .       +
        .
Parent=Smp_266960.1;Name=bce423fb-024e-4ee7-9f3e-7ad88af7fb55
SM_V9_3 iris    exon    36683554        36687680        .       +
        .       Parent=Smp_266960.1;Name=b6aca575-2921-42ff-b41b-
d7a32b7f0dcb
SM_V9_3 iris    CDS     36645100        36645415        .       +
        0       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36650587        36650917        .       +
        2       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36665965        36666572        .       +
        1       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36667809        36669760        .       +
        2       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36671378        36671527        .       +
        0       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36676680        36676937        .       +
        0       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36678929        36679975        .       +
        0       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36681026        36681461        .       +
        0       Parent=Smp_266960.1
SM_V9_3 iris    CDS     36683554        36686096        .       +
        2       Parent=Smp_266960.1
SM_V9_3 Liftoff gene    36699038        36742701        .       +
        .
ID=Smp_333620;geneID=Smp_333620;previous_systematic_id=Smp_000520,Sm
p_000530,Smp_242770,Smp_199000,Smp_266970
SM_V9_3 Liftoff mRNA    36699038        36742701        .       +
        .
ID=Smp_333620.1;Parent=Smp_333620;geneID=Smp_333620;product=Sterol
regulatory element-binding protein
2;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_3 Liftoff exon    36699038        36701159        .       +
        .       Parent=Smp_333620.1
SM_V9_3 Liftoff exon    36701200        36701427        .       +
        .       Parent=Smp_333620.1
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SM_V9_3 Liftoff exon    36701465        36701761        .       +
        .       Parent=Smp_333620.1
SM_V9_3 Liftoff exon    36708136        36708290        .       +
        .       Parent=Smp_333620.1
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        .       Parent=Smp_333620.1
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        .       Parent=Smp_333620.1
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        .       Parent=Smp_333620.1
SM_V9_3 Liftoff exon    36724506        36724783        .       +
        .       Parent=Smp_333620.1
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        .       Parent=Smp_333620.1
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        .       Parent=Smp_333620.1
SM_V9_3 Liftoff exon    36732225        36732453        .       +
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SM_V9_3 Liftoff CDS     36725947        36726249        .       +
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SM_V9_3 Liftoff exon    36759429        36759565        .       +
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        .       Parent=Smp_000510.1
SM_V9_3 Liftoff exon    36759790        36759868        .       +
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        .       Parent=Smp_000510.1
SM_V9_3 Liftoff exon    36772595        36773092        .       +
        .       Parent=Smp_000510.1
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SM_V9_3 Liftoff CDS     36766076        36766258        .       +
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SM_V9_3 Liftoff exon    36784787        36784940        .       +
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SM_V9_3 Liftoff exon    36787723        36787857        .       +
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SM_V9_3 Liftoff CDS     36808064        36808302        .       -
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Pfam:PF05470;Ontology_term=GO:0003723,GO:0003743,GO:0005852,GO:00064
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        .       Parent=Smp_000480.1
SM_V9_3 Liftoff exon    36828936        36829139        .       -
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SM_V9_3 Liftoff exon    36831072        36831265        .       -
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SM_V9_3 Liftoff exon    36835586        36835712        .       -
        .       Parent=Smp_000480.1
SM_V9_3 Liftoff exon    36837440        36837552        .       -
        .       Parent=Smp_000480.1
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SM_V9_3 Liftoff exon    36844440        36844669        .       -
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SM_V9_3 Liftoff exon    36844720        36844796        .       -
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SM_V9_3 Liftoff exon    36844841        36851374        .       -
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SM_V9_3 Liftoff exon    36831072        36831265        .       -
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SM_V9_3 Liftoff exon    36839904        36839997        .       -
        .       Parent=Smp_000480.2
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SM_V9_3 iris    mRNA    36905798        36915422        .       +
        .
ID=Smp_309210.1;Parent=Smp_309210;geneID=Smp_309210;gene_name=Smp_30
9210;owner=irisadmin@local.host;orig_id=Smp_309210.1;date_last_modif
ied=2022-07-27;Name=Smp_309210.1;product=Ubiquitin-associated
protein 2-like;date_creation=2022-07-27
SM_V9_3 iris    exon    36905798        36906098        .       +
        .       Parent=Smp_309210.1;Name=c2d22aea-
a3f8-4c74-8f5a-5a7dd71f4622
SM_V9_3 iris    exon    36906134        36906304        .       +
        .
Parent=Smp_309210.1;Name=e789c132-3bd3-4605-86ba-47acf74dd644
SM_V9_3 iris    exon    36906339        36906473        .       +
        .       Parent=Smp_309210.1;Name=28b3c2df-1ef2-4a88-
bf29-9d36d1dafbbf
SM_V9_3 iris    exon    36906505        36906685        .       +
        .       Parent=Smp_309210.1;Name=d9a59557-e628-4846-
b319-115c96b3ab62
SM_V9_3 iris    exon    36906719        36906863        .       +
        .       Parent=Smp_309210.1;Name=9eaebc8e-
a454-4f62-9682-42f8f6de8cc7
SM_V9_3 iris    exon    36906900        36908145        .       +
        .
Parent=Smp_309210.1;Name=b8657eee-5192-4c1c-92d3-570ed2b1de9a
SM_V9_3 iris    exon    36913120        36913330        .       +
        .       Parent=Smp_309210.1;Name=df1136f4-011f-43bc-b49a-
db06f422d445
SM_V9_3 iris    exon    36914576        36915422        .       +
        .       Parent=Smp_309210.1;Name=4efb1373-f2bf-40f6-bad7-
aaac12de809f
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SM_V9_3 iris    CDS     36905919        36906098        .       +
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SM_V9_3 iris    CDS     36906134        36906304        .       +
        0       Parent=Smp_309210.1
SM_V9_3 iris    CDS     36906339        36906473        .       +
        0       Parent=Smp_309210.1
SM_V9_3 iris    CDS     36906505        36906685        .       +
        0       Parent=Smp_309210.1
SM_V9_3 iris    CDS     36906719        36906863        .       +
        2       Parent=Smp_309210.1
SM_V9_3 iris    CDS     36906900        36908145        .       +
        1       Parent=Smp_309210.1
SM_V9_3 iris    CDS     36913120        36913330        .       +
        0       Parent=Smp_309210.1
SM_V9_3 iris    CDS     36914576        36915024        .       +
        2       Parent=Smp_309210.1
SM_V9_3 iris    gene    36915418        36924912        .       +
        .
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SM_V9_3 iris    mRNA    36915418        36924912        .       +
        .
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9220;owner=irisadmin@local.host;orig_id=Smp_309220.1;date_last_modif
ied=2022-07-27;Name=Smp_309220.1;product=U11/U12 small nuclear
ribonucleoprotein 35 kDa protein;date_creation=2022-07-27
SM_V9_3 iris    exon    36915418        36915674        .       +
        .       Parent=Smp_309220.1;Name=ff022457-b2c3-48e4-
b36a-4a1b44e9dab3
SM_V9_3 iris    exon    36919110        36919460        .       +
        .       Parent=Smp_309220.1;Name=02ba4774-1627-4dd4-
badf-9f89760d8d92
SM_V9_3 iris    exon    36924556        36924912        .       +
        .
Parent=Smp_309220.1;Name=2bfcb014-7099-4e73-9126-5123617f5cc5
SM_V9_3 iris    CDS     36915486        36915674        .       +
        0       Parent=Smp_309220.1
SM_V9_3 iris    CDS     36919110        36919460        .       +
        0       Parent=Smp_309220.1
SM_V9_3 iris    CDS     36924556        36924744        .       +
        0       Parent=Smp_309220.1
SM_V9_3 Liftoff gene    36940328        36941355        .       +
        .
ID=Smp_000430;geneID=Smp_000430;previous_systematic_id=Smp_00430,Smp
_122300
SM_V9_3 Liftoff mRNA    36940328        36941355        .       +
        .
ID=Smp_000430.1;Parent=Smp_000430;geneID=Smp_000430;product=Putative
eggshell protein;polypeptide_domain=InterPro:IPR012615 Pfam:PF08034
SM_V9_3 Liftoff exon    36940328        36941355        .       +
        .       Parent=Smp_000430.1
SM_V9_3 Liftoff CDS     36940475        36941218        .       +
        0       Parent=Smp_000430.1
SM_V9_3 Liftoff gene    36948100        36949268        .       +
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        .       ID=Smp_000420;geneID=Smp_000420
SM_V9_3 Liftoff mRNA    36948100        36949268        .       +
        .
ID=Smp_000420.1;Parent=Smp_000420;geneID=Smp_000420;product=Pro His
rich protein;evidence=Non-traceable Author Statement
SM_V9_3 Liftoff exon    36948100        36949268        .       +
        .       Parent=Smp_000420.1
SM_V9_3 Liftoff CDS     36948186        36949094        .       +
        0       Parent=Smp_000420.1
SM_V9_3 Liftoff gene    36953378        36954086        .       +
        .       ID=Smp_326530;geneID=Smp_326530
SM_V9_3 Liftoff mRNA    36953378        36954086        .       +
        .
ID=Smp_326530.1;Parent=Smp_326530;geneID=Smp_326530;product=Protein
Ycf2
SM_V9_3 Liftoff exon    36953378        36954086        .       +
        .       Parent=Smp_326530.1
SM_V9_3 Liftoff CDS     36953432        36954016        .       +
        0       Parent=Smp_326530.1
SM_V9_3 Liftoff gene    36957545        36958734        .       -
        .       ID=Smp_122280;geneID=Smp_122280
SM_V9_3 Liftoff mRNA    36957545        36958734        .       -
        .
ID=Smp_122280.1;Parent=Smp_122280;geneID=Smp_122280;product=E3
ubiquitin-protein ligase RNF6
SM_V9_3 Liftoff exon    36957545        36958734        .       -
        .       Parent=Smp_122280.1
SM_V9_3 Liftoff CDS     36957670        36958185        .       -
        0       Parent=Smp_122280.1
SM_V9_3 Liftoff gene    36960612        36961474        .       -
        .       ID=Smp_326540;geneID=Smp_326540
SM_V9_3 Liftoff mRNA    36960612        36961474        .       -
        .
ID=Smp_326540.1;Parent=Smp_326540;geneID=Smp_326540;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    36960612        36961474        .       -
        .       Parent=Smp_326540.1
SM_V9_3 Liftoff CDS     36960777        36961451        .       -
        0       Parent=Smp_326540.1
SM_V9_3 Liftoff gene    36967392        36968184        .       -
        .       ID=Smp_191910;geneID=Smp_191910
SM_V9_3 Liftoff mRNA    36967392        36968184        .       -
        .
ID=Smp_191910.1;Parent=Smp_191910;geneID=Smp_191910;product=Putative
eggshell protein;polypeptide_domain=InterPro:IPR012615 Pfam:PF08034
SM_V9_3 Liftoff exon    36967392        36968184        .       -
        .       Parent=Smp_191910.1
SM_V9_3 Liftoff CDS     36967505        36968107        .       -
        0       Parent=Smp_191910.1
SM_V9_3 Liftoff gene    36976589        36977509        .       +
        .
ID=Smp_340010;geneID=Smp_340010;previous_systematic_id=Smp_000410
SM_V9_3 Liftoff mRNA    36976589        36977509        .       +
        .
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SM_V9_3 Liftoff exon    36976589        36977509        .       +
        .       Parent=Smp_340010.1
SM_V9_3 Liftoff CDS     36976628        36977323        .       +
        0       Parent=Smp_340010.1
SM_V9_3 Liftoff gene    36984828        36985489        .       +
        .       ID=Smp_326550;geneID=Smp_326550
SM_V9_3 Liftoff mRNA    36984828        36985489        .       +
        .
ID=Smp_326550.1;Parent=Smp_326550;geneID=Smp_326550;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    36984828        36985489        .       +
        .       Parent=Smp_326550.1
SM_V9_3 Liftoff CDS     36984896        36985354        .       +
        0       Parent=Smp_326550.1
SM_V9_3 Liftoff gene    36987399        36988164        .       -
        .       ID=Smp_326560;geneID=Smp_326560
SM_V9_3 Liftoff mRNA    36987399        36988164        .       -
        .
ID=Smp_326560.1;Parent=Smp_326560;geneID=Smp_326560;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    36987399        36988164        .       -
        .       Parent=Smp_326560.1
SM_V9_3 Liftoff CDS     36987638        36988096        .       -
        0       Parent=Smp_326560.1
SM_V9_3 iris    gene    36994001        36994818        .       +
        .
ID=Smp_000390;geneID=Smp_000390;gene_name=Smp_000390;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    36994001        36994818        .       +
        .
ID=Smp_000390.1;Parent=Smp_000390;geneID=Smp_000390;gene_name=Smp_00
0390;owner=irisadmin@local.host;orig_id=Smp_000390.1;date_last_modif
ied=2022-09-07;Name=Smp_000390.1;product=50S ribosomal protein
L34e;date_creation=2022-09-07
SM_V9_3 iris    exon    36994001        36994818        .       +
        .       Parent=Smp_000390.1;Name=c7d03201-
a144-4f1b-949f-1c40af7e879d
SM_V9_3 iris    CDS     36994043        36994702        .       +
        0       Parent=Smp_000390.1
SM_V9_3 Liftoff gene    37002269        37003364        .       -
        .       ID=Smp_326570;geneID=Smp_326570
SM_V9_3 Liftoff mRNA    37002269        37003364        .       -
        .
ID=Smp_326570.1;Parent=Smp_326570;geneID=Smp_326570;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    37002269        37003364        .       -
        .       Parent=Smp_326570.1
SM_V9_3 Liftoff CDS     37002514        37003131        .       -
        0       Parent=Smp_326570.1
SM_V9_3 iris    gene    37010117        37014859        .       +
        .
ID=Smp_326580;geneID=Smp_326580;gene_name=Smp_326580;owner=irisadmin
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@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    37010117        37014859        .       +
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6580;owner=irisadmin@local.host;orig_id=Smp_326580.1;date_last_modif
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protein;date_creation=2022-09-07
SM_V9_3 iris    exon    37010117        37011361        .       +
       .       Parent=Smp_326580.1;Name=9ab60681-
ffd2-44af-8d3c-866994e6fda8
SM_V9_3 iris    exon    37011396        37012427        .       +
       .       Parent=Smp_326580.1;Name=5ef350f2-bdf7-435b-8e89-
d2cdf7ee07a0
SM_V9_3 iris    exon    37013872        37014297        .       +
       .
Parent=Smp_326580.1;Name=d7e39462-74a5-427b-870c-0cf3f0955cb0
SM_V9_3 iris    exon    37014371        37014859        .       +
       .       Parent=Smp_326580.1;Name=14539479-769b-43d1-b1c1-
d3c256693e4e
SM_V9_3 iris    CDS     37010212        37011361        .       +
       0       Parent=Smp_326580.1
SM_V9_3 iris    CDS     37011396        37012427        .       +
       2       Parent=Smp_326580.1
SM_V9_3 iris    CDS     37013872        37013894        .       +
       2       Parent=Smp_326580.1
SM_V9_3 iris    mRNA    37010117        37014859        .       +
       .
ID=Smp_326580.2;Parent=Smp_326580;geneID=Smp_326580;gene_name=Smp_32
6580;owner=irisadmin@local.host;date_last_modified=2022-09-07;Name=S
mp_326580.2;product=Hypothetical protein;date_creation=2022-09-07
SM_V9_3 iris    exon    37010117        37011361        .       +
       .       Parent=Smp_326580.2;Name=d8e383b6-3c02-414f-
bd99-89616f275585
SM_V9_3 iris    exon    37011396        37012427        .       +
       .
Parent=Smp_326580.2;Name=fabf77ef-515c-453a-8dd9-9839e77d9155
SM_V9_3 iris    exon    37012711        37013056        .       +
       .       Parent=Smp_326580.2;Name=d146c5b2-e5ed-4827-
a150-69bbc24a79df
SM_V9_3 iris    exon    37013872        37014297        .       +
       .       Parent=Smp_326580.2;Name=3494ec16-d572-4ddf-8ce6-
c7b487077d69
SM_V9_3 iris    exon    37014371        37014859        .       +
       .       Parent=Smp_326580.2;Name=e777e5d3-2d3a-49e8-
ba3c-56a01021dbd6
SM_V9_3 iris    CDS     37010212        37011361        .       +
       0       Parent=Smp_326580.2
SM_V9_3 iris    CDS     37011396        37012427        .       +
       2       Parent=Smp_326580.2
SM_V9_3 iris    CDS     37012711        37012736        .       +
       2       Parent=Smp_326580.2
SM_V9_3 Liftoff gene    37019068        37031533        .       -
       .       ID=Smp_000370;geneID=Smp_000370
SM_V9_3 Liftoff mRNA    37019068        37031533        .       -
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ID=Smp_000370.1;Parent=Smp_000370;geneID=Smp_000370;product=Selenopr
otein K;polypeptide_domain=InterPro:IPR024491 Pfam:PF10961
SM_V9_3 Liftoff exon    37019068        37022354        .       -
        .       Parent=Smp_000370.1
SM_V9_3 Liftoff exon    37028886        37028932        .       -
        .       Parent=Smp_000370.1
SM_V9_3 Liftoff exon    37028976        37029022        .       -
        .       Parent=Smp_000370.1
SM_V9_3 Liftoff exon    37029061        37029085        .       -
        .       Parent=Smp_000370.1
SM_V9_3 Liftoff exon    37029126        37029207        .       -
        .       Parent=Smp_000370.1
SM_V9_3 Liftoff exon    37031366        37031533        .       -
        .       Parent=Smp_000370.1
SM_V9_3 Liftoff CDS     37022317        37022354        .       -
        2       Parent=Smp_000370.1
SM_V9_3 Liftoff CDS     37028886        37028932        .       -
        1       Parent=Smp_000370.1
SM_V9_3 Liftoff CDS     37028976        37029022        .       -
        0       Parent=Smp_000370.1
SM_V9_3 Liftoff CDS     37029061        37029085        .       -
        1       Parent=Smp_000370.1
SM_V9_3 Liftoff CDS     37029126        37029207        .       -
        2       Parent=Smp_000370.1
SM_V9_3 Liftoff CDS     37031366        37031387        .       -
        0       Parent=Smp_000370.1
SM_V9_3 iris    gene    37054027        37104488        .       +
        .
ID=Smp_312230;geneID=Smp_312230;gene_name=Smp_312230;owner=irisadmin
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SM_V9_3 iris    mRNA    37054027        37104488        .       +
        .
ID=Smp_312230.1;Parent=Smp_312230;geneID=Smp_312230;gene_name=Smp_31
2230;owner=irisadmin@local.host;orig_id=Smp_312230.1;date_last_modif
ied=2022-07-27;Name=Smp_312230.1;product=Myosin-13;date_creation=202
2-07-26
SM_V9_3 iris    exon    37054027        37054119        .       +
        .       Parent=Smp_312230.1;Name=a86b1d15-ae56-4191-
b9f3-76148e979c72
SM_V9_3 iris    exon    37057106        37057180        .       +
        .
Parent=Smp_312230.1;Name=e9e84a18-47a9-44fa-86db-5d534827ef1f
SM_V9_3 iris    exon    37059160        37059250        .       +
        .       Parent=Smp_312230.1;Name=d8df3118-8c12-4539-b39c-
df02020f5737
SM_V9_3 iris    exon    37059626        37060046        .       +
        .       Parent=Smp_312230.1;Name=8e7fbac3-be92-4390-
bd5e-3b23e4c9930b
SM_V9_3 iris    exon    37062956        37063255        .       +
        .       Parent=Smp_312230.1;Name=79968b88-2dad-497f-
a05c-0f810c9eb8eb
SM_V9_3 iris    exon    37066852        37067016        .       +
        .       Parent=Smp_312230.1;Name=9b5cd81a-c7cf-47b2-8b01-
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f50dac75f8cd
SM_V9_3 iris    exon    37068673        37068840        .       +
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b88b-7439c4a2e480
SM_V9_3 iris    exon    37073276        37073454        .       +
        .
Parent=Smp_312230.1;Name=21bec805-457d-41d1-9167-31e65a7f8266
SM_V9_3 iris    exon    37075399        37075504        .       +
        .       Parent=Smp_312230.1;Name=af9cddb0-e314-47c9-
a7a4-5f91ee332edf
SM_V9_3 iris    exon    37080625        37080768        .       +
        .       Parent=Smp_312230.1;Name=c1b8ef9f-fd3a-4355-abc5-
ad613311868e
SM_V9_3 iris    exon    37082821        37083117        .       +
        .
Parent=Smp_312230.1;Name=f302e3e6-2f57-412f-895e-7401b26a324f
SM_V9_3 iris    exon    37086501        37086838        .       +
        .       Parent=Smp_312230.1;Name=c7c45541-1bd5-4b89-b79d-
b04c09330e65
SM_V9_3 iris    exon    37089700        37089916        .       +
        .       Parent=Smp_312230.1;Name=4084d4b2-
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SM_V9_3 iris    exon    37090809        37090966        .       +
        .       Parent=Smp_312230.1;Name=b17a9502-4c3f-4f7c-9ae6-
e7b8cc2b0813
SM_V9_3 iris    exon    37094550        37094790        .       +
        .       Parent=Smp_312230.1;Name=a89b29c8-98fb-4fb3-b35e-
de1c31838c1f
SM_V9_3 iris    exon    37099431        37099491        .       +
        .       Parent=Smp_312230.1;Name=3e80cf78-9e13-4102-
a816-191cb84a7379
SM_V9_3 iris    exon    37103884        37104488        .       +
        .       Parent=Smp_312230.1;Name=cfc98cb3-390c-4c77-9053-
da295dd03e95
SM_V9_3 iris    CDS     37057132        37057180        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37059160        37059250        .       +
        2       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37059626        37060046        .       +
        1       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37062956        37063255        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37066852        37067016        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37068673        37068840        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37073276        37073454        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37075399        37075504        .       +
        1       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37080625        37080768        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37082821        37083117        .       +
        0       Parent=Smp_312230.1
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SM_V9_3 iris    CDS     37086501        37086838        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37089700        37089916        .       +
        1       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37090809        37090966        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37094550        37094790        .       +
        1       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37099431        37099491        .       +
        0       Parent=Smp_312230.1
SM_V9_3 iris    CDS     37103884        37103927        .       +
        2       Parent=Smp_312230.1
SM_V9_3 iris    gene    37113538        37175903        .       -
        .
ID=Smp_000340;geneID=Smp_000340;gene_name=Smp_000340;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_3 iris    mRNA    37113538        37175903        .       -
        .
ID=Smp_000340.1;Parent=Smp_000340;geneID=Smp_000340;gene_name=Smp_00
0340;owner=irisadmin@local.host;orig_id=Smp_000340.1;date_last_modif
ied=2022-07-27;Name=Smp_000340.1;product=ecdysone-induced protein
E78;date_creation=2022-07-27
SM_V9_3 iris    exon    37113538        37117136        .       -
        .       Parent=Smp_000340.1;Name=10f0a41f-702b-45ae-839d-
c13f6fbc4897
SM_V9_3 iris    exon    37119626        37121046        .       -
        .       Parent=Smp_000340.1;Name=8ce8e061-ad42-4997-994d-
d0739b821ce6
SM_V9_3 iris    exon    37123985        37124090        .       -
        .       Parent=Smp_000340.1;Name=529a29db-1a05-48a3-a12e-
ab3ac445793c
SM_V9_3 iris    exon    37130044        37130334        .       -
        .       Parent=Smp_000340.1;Name=5c088385-4bb0-4194-b0f6-
b20a69e33f03
SM_V9_3 iris    exon    37154021        37154557        .       -
        .       Parent=Smp_000340.1;Name=57212141-4a82-4cfb-
a4a3-54c172c5902d
SM_V9_3 iris    exon    37174810        37175741        .       -
        .       Parent=Smp_000340.1;Name=2ab6f25f-3754-4115-
a1e4-52e4e4da380d
SM_V9_3 iris    exon    37175874        37175903        .       -
        .       Parent=Smp_000340.1;Name=5538e3e2-361d-4852-
b218-881d489c8b2e
SM_V9_3 iris    CDS     37119650        37121046        .       -
        2       Parent=Smp_000340.1
SM_V9_3 iris    CDS     37123985        37124090        .       -
        0       Parent=Smp_000340.1
SM_V9_3 iris    CDS     37130044        37130334        .       -
        0       Parent=Smp_000340.1
SM_V9_3 iris    CDS     37154021        37154557        .       -
        0       Parent=Smp_000340.1
SM_V9_3 iris    CDS     37174810        37175739        .       -
        0       Parent=Smp_000340.1
SM_V9_3 Liftoff gene    37193707        37305368        .       +
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        .       ID=Smp_000320;geneID=Smp_000320
SM_V9_3 Liftoff mRNA    37193707        37305368        .       +
        .
ID=Smp_000320.1;Parent=Smp_000320;geneID=Smp_000320;product=Uncharac
terized protein
ZK1073.1;polypeptide_domain=InterPro:IPR004142,IPR029058
Pfam:PF03096
SM_V9_3 Liftoff exon    37193707        37193799        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37193840        37193887        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37195666        37195723        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37222521        37222638        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37248311        37248373        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37266348        37266408        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37281743        37281829        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37288631        37288708        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37293779        37293894        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37298397        37298432        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37301598        37301757        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37302514        37302565        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff exon    37304366        37305368        .       +
        .       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37193770        37193799        .       +
        0       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37193840        37193887        .       +
        0       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37195666        37195723        .       +
        0       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37222521        37222638        .       +
        2       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37248311        37248373        .       +
        1       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37266348        37266408        .       +
        1       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37281743        37281829        .       +
        0       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37288631        37288708        .       +
        0       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37293779        37293894        .       +
        0       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37298397        37298432        .       +
        1       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37301598        37301757        .       +
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        1       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37302514        37302565        .       +
        0       Parent=Smp_000320.1
SM_V9_3 Liftoff CDS     37304366        37304502        .       +
        2       Parent=Smp_000320.1
SM_V9_3 iris    gene    37335928        37340843        .       -
        .
ID=Smp_000310;geneID=Smp_000310;gene_name=Smp_000310;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-07-26
SM_V9_3 iris    mRNA    37335928        37340843        .       -
        .
ID=Smp_000310.1;Parent=Smp_000310;geneID=Smp_000310;gene_name=Smp_00
0310;owner=irisadmin@local.host;orig_id=Smp_000310.2;date_last_modif
ied=2022-08-21;Name=Smp_000310.1;product=Transmembrane protein
41B;date_creation=2022-07-26
SM_V9_3 iris    exon    37335928        37336534        .       -
        .
Parent=Smp_000310.1;Name=9291043a-690a-4f8f-8d17-8afa0041bbf9
SM_V9_3 iris    exon    37338465        37338603        .       -
        .       Parent=Smp_000310.1;Name=04fd1adb-08be-471e-
ba82-2c71dd40a04e
SM_V9_3 iris    exon    37338640        37338744        .       -
        .       Parent=Smp_000310.1;Name=806a7218-ae1f-4a9d-bbaa-
f5604794a0bf
SM_V9_3 iris    exon    37338783        37338876        .       -
        .       Parent=Smp_000310.1;Name=286cd74f-b2bb-4c7b-
a3dd-74d3c338739c
SM_V9_3 iris    exon    37340538        37340666        .       -
        .
Parent=Smp_000310.1;Name=ebc693c7-8104-45d7-8d98-9e6af51fc8f0
SM_V9_3 iris    exon    37340702        37340843        .       -
        .       Parent=Smp_000310.1;Name=ab411d89-7555-4810-9d0e-
f2fc89db66b7
SM_V9_3 iris    CDS     37336368        37336534        .       -
        2       Parent=Smp_000310.1
SM_V9_3 iris    CDS     37338465        37338603        .       -
        0       Parent=Smp_000310.1
SM_V9_3 iris    CDS     37338640        37338744        .       -
        0       Parent=Smp_000310.1
SM_V9_3 iris    CDS     37338783        37338876        .       -
        1       Parent=Smp_000310.1
SM_V9_3 iris    CDS     37340538        37340666        .       -
        1       Parent=Smp_000310.1
SM_V9_3 iris    CDS     37340702        37340814        .       -
        0       Parent=Smp_000310.1
SM_V9_3 iris    gene    37346447        37395212        .       +
        .
ID=Smp_000300;geneID=Smp_000300;gene_name=Smp_000300;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    37346447        37395212        .       +
        .
ID=Smp_000300.1;Parent=Smp_000300;geneID=Smp_000300;gene_name=Smp_00
0300;owner=irisadmin@local.host;orig_id=Smp_000300.2;date_last_modif
ied=2022-07-27;Name=Smp_000300.1;product=WD repeat-containing
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protein 19;date_creation=2022-07-26
SM_V9_3 iris    exon    37346447        37346479        .       +
        .       Parent=Smp_000300.1;Name=87d19968-8fca-4fb8-b316-
ffae1117bd70
SM_V9_3 iris    exon    37346514        37346605        .       +
        .       Parent=Smp_000300.1;Name=65651379-4ce5-4954-b66a-
a1871cb61eae
SM_V9_3 iris    exon    37346645        37346867        .       +
        .       Parent=Smp_000300.1;Name=43243313-b17e-4f7d-
a65e-942323a12a06
SM_V9_3 iris    exon    37346902        37347000        .       +
        .       Parent=Smp_000300.1;Name=065beea3-2bfb-40d5-b047-
bb6c2a519ad3
SM_V9_3 iris    exon    37347031        37347244        .       +
        .       Parent=Smp_000300.1;Name=eaaf40c9-c493-4071-
a301-96325b2ca393
SM_V9_3 iris    exon    37348419        37348613        .       +
        .
Parent=Smp_000300.1;Name=5b85f933-052b-487c-8ae7-42e3d4ebfe0c
SM_V9_3 iris    exon    37348674        37348765        .       +
        .       Parent=Smp_000300.1;Name=b25e83c5-dc75-438c-
a044-87baf03d5ebf
SM_V9_3 iris    exon    37349820        37350135        .       +
        .
Parent=Smp_000300.1;Name=b3f1ad67-0e15-4f4b-99c4-8dd62a8d4cc8
SM_V9_3 iris    exon    37352726        37352867        .       +
        .       Parent=Smp_000300.1;Name=87b34301-0b54-4356-9f46-
e74354c0c339
SM_V9_3 iris    exon    37353803        37353912        .       +
        .       Parent=Smp_000300.1;Name=e79dd545-9936-4c71-96f1-
ef394d048932
SM_V9_3 iris    exon    37355140        37355328        .       +
        .       Parent=Smp_000300.1;Name=da920cc1-ad54-44bf-
ae7c-11b8c2e41a8f
SM_V9_3 iris    exon    37357258        37357407        .       +
        .       Parent=Smp_000300.1;Name=6143d2fc-7b8e-454f-9a48-
ac1d4e23ed75
SM_V9_3 iris    exon    37366535        37366615        .       +
        .
Parent=Smp_000300.1;Name=7e6bc462-9840-4fed-8730-9bcc936c08e8
SM_V9_3 iris    exon    37368906        37369188        .       +
        .       Parent=Smp_000300.1;Name=86559973-27fb-4850-8166-
b230267c41c6
SM_V9_3 iris    exon    37369971        37370114        .       +
        .       Parent=Smp_000300.1;Name=aa924435-b693-40c1-
bdfe-3bc3a708fe4c
SM_V9_3 iris    exon    37370164        37370264        .       +
        .       Parent=Smp_000300.1;Name=4b810849-4fc0-4769-9a3a-
aaf8f63226eb
SM_V9_3 iris    exon    37371074        37371209        .       +
        .       Parent=Smp_000300.1;Name=f200f5df-7465-40f3-
a14a-0ed268c0d385
SM_V9_3 iris    exon    37372944        37373116        .       +
        .       Parent=Smp_000300.1;Name=c483f83a-9604-4b0d-8f99-
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f61756b1e5f0
SM_V9_3 iris    exon    37375709        37375931        .       +
        .       Parent=Smp_000300.1;Name=f91bd81f-9b89-47ad-
a4e8-44c49494549f
SM_V9_3 iris    exon    37376629        37376728        .       +
        .       Parent=Smp_000300.1;Name=e7431d73-5965-413c-88cd-
ef50f0d379bd
SM_V9_3 iris    exon    37379809        37379884        .       +
        .       Parent=Smp_000300.1;Name=e214f4c0-e75f-4738-ba7b-
d4bcea9921ef
SM_V9_3 iris    exon    37381683        37381909        .       +
        .       Parent=Smp_000300.1;Name=a69ec0ea-463d-4fbc-87f3-
dc7fd251483f
SM_V9_3 iris    exon    37383655        37383869        .       +
        .
Parent=Smp_000300.1;Name=34c511bb-0775-4eff-9d21-14c98ac59a66
SM_V9_3 iris    exon    37386012        37386121        .       +
        .       Parent=Smp_000300.1;Name=d0102964-f6fd-408d-
b3d0-6348dabf0f3d
SM_V9_3 iris    exon    37389002        37389370        .       +
        .
Parent=Smp_000300.1;Name=2323ed51-8c47-48c9-8e4e-2b9ad2d9d29e
SM_V9_3 iris    exon    37390867        37390948        .       +
        .       Parent=Smp_000300.1;Name=b5f85c41-0ef1-41fd-b7cf-
b377b53cf90c
SM_V9_3 iris    exon    37392232        37392566        .       +
        .       Parent=Smp_000300.1;Name=95fe0cf7-
b0de-405b-83d8-6aacd17614b1
SM_V9_3 iris    exon    37393683        37393759        .       +
        .       Parent=Smp_000300.1;Name=b5ef487e-
c011-4261-8e68-110ddc857258
SM_V9_3 iris    exon    37394946        37395212        .       +
        .       Parent=Smp_000300.1;Name=f590b7c3-8cd4-45f4-9699-
c9aeaebc3197
SM_V9_3 iris    CDS     37346755        37346867        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37346902        37347000        .       +
        1       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37347031        37347244        .       +
        1       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37348419        37348613        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37348674        37348765        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37349820        37350135        .       +
        1       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37352726        37352867        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37353803        37353912        .       +
        2       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37355140        37355328        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37357258        37357407        .       +
        0       Parent=Smp_000300.1
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SM_V9_3 iris    CDS     37366535        37366615        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37368906        37369188        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37369971        37370114        .       +
        2       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37370164        37370264        .       +
        2       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37371074        37371209        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37372944        37373116        .       +
        2       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37375709        37375931        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37376629        37376728        .       +
        2       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37379809        37379884        .       +
        1       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37381683        37381909        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37383655        37383869        .       +
        1       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37386012        37386121        .       +
        2       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37389002        37389370        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37390867        37390948        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37392232        37392566        .       +
        2       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37393683        37393759        .       +
        0       Parent=Smp_000300.1
SM_V9_3 iris    CDS     37394946        37395138        .       +
        1       Parent=Smp_000300.1
SM_V9_3 Liftoff gene    37420747        37422164        .       +
        .       ID=Smp_112450;geneID=Smp_112450
SM_V9_3 Liftoff mRNA    37420747        37422164        .       +
        .
ID=Smp_112450.1;Parent=Smp_112450;geneID=Smp_112450;product=CUB and
sushi domain-containing protein
1;polypeptide_domain=InterPro:IPR012615 Pfam:PF08034
SM_V9_3 Liftoff exon    37420747        37422164        .       +
        .       Parent=Smp_112450.1
SM_V9_3 Liftoff CDS     37420809        37421537        .       +
        0       Parent=Smp_112450.1
SM_V9_3 Liftoff gene    37431237        37436001        .       +
        .       ID=Smp_077890;geneID=Smp_077890
SM_V9_3 Liftoff mRNA    37431237        37432444        .       +
        .
ID=Smp_077890.2;Parent=Smp_077890;geneID=Smp_077890;product=CUB and
sushi domain-containing protein
1;polypeptide_domain=InterPro:IPR012615 Pfam:PF08034
SM_V9_3 Liftoff exon    37431237        37432444        .       +
        .       Parent=Smp_077890.2
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SM_V9_3 Liftoff CDS     37431300        37432028        .       +
        0       Parent=Smp_077890.2
SM_V9_3 Liftoff mRNA    37431237        37436001        .       +
        .
ID=Smp_077890.1;Parent=Smp_077890;geneID=Smp_077890;product=CUB and
sushi domain-containing protein
1;polypeptide_domain=InterPro:IPR012615 Pfam:PF08034
SM_V9_3 Liftoff exon    37431237        37436001        .       +
        .       Parent=Smp_077890.1
SM_V9_3 Liftoff CDS     37431300        37432028        .       +
        0       Parent=Smp_077890.1
SM_V9_3 Liftoff gene    37437017        37437864        .       +
        .
ID=Smp_307900;geneID=Smp_307900;previous_systematic_id=Smp_000290,Sm
p_077900
SM_V9_3 Liftoff mRNA    37437017        37437864        .       +
        .
ID=Smp_307900.1;Parent=Smp_307900;geneID=Smp_307900;product=female-
specific protein 800 (fs800);evidence=Traceable Author
Statement;literature=PMID:2927441;polypeptide_domain=InterPro:IPR012
615 Pfam:PF08034
SM_V9_3 Liftoff exon    37437017        37437864        .       +
        .       Parent=Smp_307900.1
SM_V9_3 Liftoff CDS     37437107        37437823        .       +
        0       Parent=Smp_307900.1
SM_V9_3 Liftoff gene    37439137        37441055        .       +
        .
ID=Smp_332440;geneID=Smp_332440;previous_systematic_id=Smp_077920
SM_V9_3 Liftoff mRNA    37439137        37441055        .       +
        .
ID=Smp_332440.1;Parent=Smp_332440;geneID=Smp_332440;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR012615 Pfam:PF08034
SM_V9_3 Liftoff exon    37439137        37441055        .       +
        .       Parent=Smp_332440.1
SM_V9_3 Liftoff CDS     37439992        37440639        .       +
        0       Parent=Smp_332440.1
SM_V9_3 Liftoff gene    37449074        37450003        .       -
        .
ID=Smp_309250;geneID=Smp_309250;previous_systematic_id=Smp_077920
SM_V9_3 Liftoff mRNA    37449074        37450003        .       -
        .
ID=Smp_309250.1;Parent=Smp_309250;geneID=Smp_309250;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR012615 Pfam:PF08034
SM_V9_3 Liftoff exon    37449074        37450003        .       -
        .       Parent=Smp_309250.1
SM_V9_3 Liftoff CDS     37449317        37449964        .       -
        0       Parent=Smp_309250.1
SM_V9_3 Liftoff gene    37452089        37453743        .       -
        .       ID=Smp_326600;geneID=Smp_326600
SM_V9_3 Liftoff mRNA    37452089        37453743        .       -
        .
ID=Smp_326600.1;Parent=Smp_326600;geneID=Smp_326600;product=Female-
specific protein 800;polypeptide_domain=InterPro:IPR012615
Pfam:PF08034
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SM_V9_3 Liftoff exon    37452089        37452577        .       -
        .       Parent=Smp_326600.1
SM_V9_3 Liftoff exon    37453546        37453743        .       -
        .       Parent=Smp_326600.1
SM_V9_3 Liftoff CDS     37452130        37452577        .       -
        1       Parent=Smp_326600.1
SM_V9_3 Liftoff CDS     37453546        37453583        .       -
        0       Parent=Smp_326600.1
SM_V9_3 Liftoff gene    37457477        37458355        .       +
        .       ID=Smp_326610;geneID=Smp_326610
SM_V9_3 Liftoff mRNA    37457477        37458355        .       +
        .
ID=Smp_326610.1;Parent=Smp_326610;geneID=Smp_326610;product=Female-
specific protein 800;polypeptide_domain=InterPro:IPR012615
Pfam:PF08034
SM_V9_3 Liftoff exon    37457477        37458355        .       +
        .       Parent=Smp_326610.1
SM_V9_3 Liftoff CDS     37457507        37458169        .       +
        0       Parent=Smp_326610.1
SM_V9_3 Liftoff gene    37460857        37461739        .       +
        .       ID=Smp_000280;geneID=Smp_000280
SM_V9_3 Liftoff mRNA    37460857        37461739        .       +
        .
ID=Smp_000280.1;Parent=Smp_000280;geneID=Smp_000280;product=Female-
specific protein 800;polypeptide_domain=InterPro:IPR012615
Pfam:PF08034
SM_V9_3 Liftoff exon    37460857        37461739        .       +
        .       Parent=Smp_000280.1
SM_V9_3 Liftoff CDS     37460902        37461570        .       +
        0       Parent=Smp_000280.1
SM_V9_3 Liftoff gene    37473927        37474899        .       +
        .       ID=Smp_000270;geneID=Smp_000270
SM_V9_3 Liftoff mRNA    37473927        37474899        .       +
        .
ID=Smp_000270.1;Parent=Smp_000270;geneID=Smp_000270;product=Female-
specific protein 800;polypeptide_domain=InterPro:IPR012615
Pfam:PF08034
SM_V9_3 Liftoff exon    37473927        37474899        .       +
        .       Parent=Smp_000270.1
SM_V9_3 Liftoff CDS     37473995        37474657        .       +
        0       Parent=Smp_000270.1
SM_V9_3 Liftoff gene    37492767        37518322        .       -
        .       ID=Smp_000260;geneID=Smp_000260
SM_V9_3 Liftoff mRNA    37492767        37518322        .       -
        .
ID=Smp_000260.1;Parent=Smp_000260;geneID=Smp_000260;product=Prosapos
in;polypeptide_domain=InterPro:IPR003119,IPR007856,IPR008138,IPR0081
39,IPR008373,IPR011001
Pfam:PF02199,PF03489,PF05184;Ontology_term=GO:0005764,GO:0006629,GO:
0006665
SM_V9_3 Liftoff exon    37492767        37493744        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37495636        37495716        .       -
        .       Parent=Smp_000260.1
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SM_V9_3 Liftoff exon    37498748        37499209        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37502136        37502216        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37504506        37504661        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37511790        37512002        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37514191        37514448        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37516138        37516374        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37517380        37517454        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37517491        37517703        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37517735        37517794        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37517827        37517871        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37517908        37518152        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff exon    37518186        37518322        .       -
        .       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37493109        37493744        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37495636        37495716        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37498748        37499209        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37502136        37502216        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37504506        37504661        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37511790        37512002        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37514191        37514448        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37516138        37516374        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37517380        37517454        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37517491        37517703        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37517735        37517794        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37517827        37517871        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37517908        37518152        .       -
        2       Parent=Smp_000260.1
SM_V9_3 Liftoff CDS     37518186        37518207        .       -
        0       Parent=Smp_000260.1
SM_V9_3 Liftoff gene    37538797        37542269        .       +
        .       ID=Smp_000250;geneID=Smp_000250
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SM_V9_3 Liftoff mRNA    37538797        37542269        .       +
        .
ID=Smp_000250.1;Parent=Smp_000250;geneID=Smp_000250;product=Phosphog
luconate dehydratase
SM_V9_3 Liftoff exon    37538797        37538854        .       +
        .       Parent=Smp_000250.1
SM_V9_3 Liftoff exon    37542160        37542269        .       +
        .       Parent=Smp_000250.1
SM_V9_3 Liftoff CDS     37538797        37538854        .       +
        0       Parent=Smp_000250.1
SM_V9_3 Liftoff CDS     37542160        37542269        .       +
        2       Parent=Smp_000250.1
SM_V9_3 Liftoff gene    37553124        37560412        .       -
        .       ID=Smp_000240;geneID=Smp_000240
SM_V9_3 Liftoff mRNA    37553124        37560412        .       -
        .
ID=Smp_000240.1;Parent=Smp_000240;geneID=Smp_000240;product=TATA-
binding protein-associated factor
2N;polypeptide_domain=InterPro:IPR000504,IPR001876
Pfam:PF00076,PF00641;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    37553124        37553539        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37554486        37554940        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37555028        37555151        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37555187        37555287        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37555326        37555364        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37555458        37555486        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37555788        37555866        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37555906        37556007        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37556041        37556151        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37556186        37556449        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff exon    37560334        37560412        .       -
        .       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37553294        37553539        .       -
        0       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37554486        37554940        .       -
        2       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37555028        37555151        .       -
        0       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37555187        37555287        .       -
        2       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37555326        37555364        .       -
        2       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37555458        37555486        .       -
        1       Parent=Smp_000240.1
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SM_V9_3 Liftoff CDS     37555788        37555866        .       -
        2       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37555906        37556007        .       -
        2       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37556041        37556151        .       -
        2       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37556186        37556449        .       -
        2       Parent=Smp_000240.1
SM_V9_3 Liftoff CDS     37560334        37560343        .       -
        0       Parent=Smp_000240.1
SM_V9_3 Liftoff gene    37570396        37596081        .       +
        .
ID=Smp_000230;geneID=Smp_000230;previous_systematic_id=Smp_000220
SM_V9_3 Liftoff mRNA    37570396        37596081        .       +
        .
ID=Smp_000230.1;Parent=Smp_000230;geneID=Smp_000230;product=Zinc
finger X-chromosomal protein
(Fragment);polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:00
03676
SM_V9_3 Liftoff exon    37570396        37570556        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37570589        37570686        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37570724        37571807        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37571840        37571941        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37571974        37572171        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37574675        37576255        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37579594        37580019        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37583819        37584102        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37590536        37591216        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff exon    37593362        37596081        .       +
        .       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37570505        37570556        .       +
        0       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37570589        37570686        .       +
        2       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37570724        37571807        .       +
        0       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37571840        37571941        .       +
        2       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37571974        37572171        .       +
        2       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37574675        37576255        .       +
        2       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37579594        37580019        .       +
        2       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37583819        37584102        .       +
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        2       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37590536        37591216        .       +
        0       Parent=Smp_000230.1
SM_V9_3 Liftoff CDS     37593362        37593379        .       +
        0       Parent=Smp_000230.1
SM_V9_3 Liftoff gene    37600766        37690581        .       +
        .
ID=Smp_000200;geneID=Smp_000200;previous_systematic_id=Smp_122140,Sm
p_178790
SM_V9_3 Liftoff mRNA    37600766        37690581        .       +
        .
ID=Smp_000200.1;Parent=Smp_000200;geneID=Smp_000200;product=NEDD4-
binding protein 2-like
2;polypeptide_domain=InterPro:IPR002625,IPR027417
Pfam:PF01713,PF13671
SM_V9_3 Liftoff exon    37600766        37606783        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37611159        37611295        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37615485        37615573        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37622073        37622149        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37632821        37633246        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37653142        37653203        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37657392        37657931        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37661593        37661757        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37668657        37668781        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37671773        37671873        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37673294        37673594        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37682308        37682408        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37688015        37688372        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff exon    37689532        37690581        .       +
        .       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37606590        37606783        .       +
        0       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37611159        37611295        .       +
        1       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37615485        37615573        .       +
        2       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37622073        37622149        .       +
        0       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37632821        37633246        .       +
        1       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37653142        37653203        .       +
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        1       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37657392        37657931        .       +
        2       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37661593        37661757        .       +
        2       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37668657        37668781        .       +
        2       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37671773        37671873        .       +
        0       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37673294        37673594        .       +
        1       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37682308        37682408        .       +
        0       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37688015        37688372        .       +
        1       Parent=Smp_000200.1
SM_V9_3 Liftoff CDS     37689532        37689954        .       +
        0       Parent=Smp_000200.1
SM_V9_3 Liftoff gene    37699606        37699947        .       +
        .       ID=Smp_122190;geneID=Smp_122190
SM_V9_3 Liftoff mRNA    37699606        37699947        .       +
        .
ID=Smp_122190.1;Parent=Smp_122190;geneID=Smp_122190;product=Histone
acetyltransferase KAT6A
SM_V9_3 Liftoff exon    37699606        37699947        .       +
        .       Parent=Smp_122190.1
SM_V9_3 Liftoff CDS     37699606        37699947        .       +
        0       Parent=Smp_122190.1
SM_V9_3 Liftoff gene    37706186        37708213        .       +
        .       ID=Smp_326620;geneID=Smp_326620
SM_V9_3 Liftoff mRNA    37706186        37708213        .       +
        .
ID=Smp_326620.1;Parent=Smp_326620;geneID=Smp_326620;product=Cysteine
-rich DPF motif domain-containing protein
1;polypeptide_domain=InterPro:IPR018785 Pfam:PF10170
SM_V9_3 Liftoff exon    37706186        37707818        .       +
        .       Parent=Smp_326620.1
SM_V9_3 Liftoff exon    37707856        37707967        .       +
        .       Parent=Smp_326620.1
SM_V9_3 Liftoff exon    37708004        37708213        .       +
        .       Parent=Smp_326620.1
SM_V9_3 Liftoff CDS     37707712        37707818        .       +
        0       Parent=Smp_326620.1
SM_V9_3 Liftoff CDS     37707856        37707967        .       +
        1       Parent=Smp_326620.1
SM_V9_3 Liftoff CDS     37708004        37708072        .       +
        0       Parent=Smp_326620.1
SM_V9_3 Liftoff mRNA    37706186        37708213        .       +
        .
ID=Smp_326620.2;Parent=Smp_326620;geneID=Smp_326620;product=Cysteine
-rich DPF motif domain-containing protein
1;polypeptide_domain=InterPro:IPR018785 Pfam:PF10170
SM_V9_3 Liftoff exon    37706186        37707818        .       +
        .       Parent=Smp_326620.2
SM_V9_3 Liftoff exon    37707856        37707967        .       +
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        .       Parent=Smp_326620.2
SM_V9_3 Liftoff exon    37708004        37708213        .       +
        .       Parent=Smp_326620.2
SM_V9_3 Liftoff CDS     37707712        37707818        .       +
        0       Parent=Smp_326620.2
SM_V9_3 Liftoff CDS     37707856        37707967        .       +
        1       Parent=Smp_326620.2
SM_V9_3 Liftoff CDS     37708004        37708072        .       +
        0       Parent=Smp_326620.2
SM_V9_3 iris    gene    37713966        37727630        .       -
        .
ID=Smp_000190;geneID=Smp_000190;gene_name=Smp_000190;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    37713966        37727630        .       -
        .
ID=Smp_000190.1;Parent=Smp_000190;geneID=Smp_000190;gene_name=Smp_00
0190;owner=irisadmin@local.host;orig_id=Smp_000190.1;date_last_modif
ied=2022-07-27;Name=Smp_000190.1;product=Short-chain dehydrogenase/
reductase family 16C member 6;date_creation=2022-07-26
SM_V9_3 iris    exon    37713966        37714564        .       -
        .       Parent=Smp_000190.1;Name=9e54aba8-3496-4438-8362-
ab86929243c6
SM_V9_3 iris    exon    37716339        37716464        .       -
        .       Parent=Smp_000190.1;Name=c6c07063-
e876-484d-97c6-9ac4f0c2f920
SM_V9_3 iris    exon    37717133        37717425        .       -
        .       Parent=Smp_000190.1;Name=b28abee5-
d420-4acc-8722-3e13a6088030
SM_V9_3 iris    exon    37721913        37722078        .       -
        .
Parent=Smp_000190.1;Name=1f6d53ee-47a9-43a6-9c72-4ef2326120c3
SM_V9_3 iris    exon    37722133        37722292        .       -
        .
Parent=Smp_000190.1;Name=3aa50314-8e16-4f14-8298-92e331c8b716
SM_V9_3 iris    exon    37722342        37722516        .       -
        .       Parent=Smp_000190.1;Name=0225ad49-bbc6-4e52-968a-
f4ef3992b4ae
SM_V9_3 iris    exon    37727442        37727630        .       -
        .       Parent=Smp_000190.1;Name=425d9cc4-7dd3-4c0c-
a830-7b1bf64d9425
SM_V9_3 iris    CDS     37714459        37714564        .       -
        1       Parent=Smp_000190.1
SM_V9_3 iris    CDS     37716339        37716464        .       -
        1       Parent=Smp_000190.1
SM_V9_3 iris    CDS     37717133        37717425        .       -
        0       Parent=Smp_000190.1
SM_V9_3 iris    CDS     37721913        37722078        .       -
        1       Parent=Smp_000190.1
SM_V9_3 iris    CDS     37722133        37722292        .       -
        2       Parent=Smp_000190.1
SM_V9_3 iris    CDS     37722342        37722507        .       -
        0       Parent=Smp_000190.1
SM_V9_3 iris    gene    37779936        37808714        .       +
        .
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ID=Smp_000180;geneID=Smp_000180;gene_name=Smp_000180;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    37779936        37808714        .       +
       .
ID=Smp_000180.1;Parent=Smp_000180;geneID=Smp_000180;gene_name=Smp_00
0180;owner=irisadmin@local.host;orig_id=Smp_000180.1;date_last_modif
ied=2022-08-22;Name=Smp_000180.1;product=Kv channel-interacting
protein 1;date_creation=2022-08-22
SM_V9_3 iris    exon    37779936        37780435        .       +
       .       Parent=Smp_000180.1;Name=4e6a20dc-decf-4984-
b8c0-6b4c6beba138
SM_V9_3 iris    exon    37791462        37791586        .       +
       .       Parent=Smp_000180.1;Name=30573305-819f-49be-a69e-
b65475bcd34f
SM_V9_3 iris    exon    37793454        37793523        .       +
       .       Parent=Smp_000180.1;Name=07085445-
c561-4dcb-8ea4-7d6a5069b4aa
SM_V9_3 iris    exon    37802606        37802676        .       +
       .       Parent=Smp_000180.1;Name=074b89b0-
f925-4008-8f83-9ce076e4d740
SM_V9_3 iris    exon    37805173        37805385        .       +
       .       Parent=Smp_000180.1;Name=68e33cf8-45b3-4ee5-91f2-
f8fdc7db543a
SM_V9_3 iris    exon    37808222        37808284        .       +
       .       Parent=Smp_000180.1;Name=9b02f358-3575-485f-
b4ce-8897af8e77a2
SM_V9_3 iris    exon    37808348        37808714        .       +
       .       Parent=Smp_000180.1;Name=808681e3-c06a-4055-
a2b6-62f185909945
SM_V9_3 iris    CDS     37780399        37780435        .       +
       0       Parent=Smp_000180.1
SM_V9_3 iris    CDS     37791462        37791586        .       +
       2       Parent=Smp_000180.1
SM_V9_3 iris    CDS     37793454        37793523        .       +
       0       Parent=Smp_000180.1
SM_V9_3 iris    CDS     37802606        37802676        .       +
       2       Parent=Smp_000180.1
SM_V9_3 iris    CDS     37805173        37805385        .       +
       0       Parent=Smp_000180.1
SM_V9_3 iris    CDS     37808222        37808284        .       +
       0       Parent=Smp_000180.1
SM_V9_3 iris    CDS     37808348        37808395        .       +
       0       Parent=Smp_000180.1
SM_V9_3 iris    gene    37922725        37991442        .       -
       .
ID=Smp_000160;geneID=Smp_000160;gene_name=Smp_000160;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_3 iris    mRNA    37922725        37991442        .       -
       .
ID=Smp_000160.1;Parent=Smp_000160;geneID=Smp_000160;gene_name=Smp_00
0160;owner=irisadmin@local.host;orig_id=Smp_000160.1;date_last_modif
ied=2022-08-21;Name=Smp_000160.1;product=Amphoterin-induced protein
3;date_creation=2022-08-21
SM_V9_3 iris    exon    37922725        37926722        .       -
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        .       Parent=Smp_000160.1;Name=13ec21ef-75e9-4af5-a4ec-
a3ce54e54a80
SM_V9_3 iris    exon    37991190        37991442        .       -
        .       Parent=Smp_000160.1;Name=82f2b3b9-ae75-40ad-
af49-6e1240c4b28e
SM_V9_3 iris    CDS     37924162        37926660        .       -
        0       Parent=Smp_000160.1
SM_V9_3 Liftoff gene    38172106        38178139        .       +
        .       ID=Smp_122170;geneID=Smp_122170
SM_V9_3 Liftoff mRNA    38172106        38178139        .       +
        .
ID=Smp_122170.1;Parent=Smp_122170;geneID=Smp_122170;product=Netrin
receptor UNC5B-b
SM_V9_3 Liftoff exon    38172106        38172341        .       +
        .       Parent=Smp_122170.1
SM_V9_3 Liftoff exon    38173822        38173928        .       +
        .       Parent=Smp_122170.1
SM_V9_3 Liftoff exon    38175620        38175955        .       +
        .       Parent=Smp_122170.1
SM_V9_3 Liftoff exon    38177869        38178139        .       +
        .       Parent=Smp_122170.1
SM_V9_3 Liftoff CDS     38172144        38172341        .       +
        0       Parent=Smp_122170.1
SM_V9_3 Liftoff CDS     38173822        38173928        .       +
        0       Parent=Smp_122170.1
SM_V9_3 Liftoff CDS     38175620        38175955        .       +
        1       Parent=Smp_122170.1
SM_V9_3 Liftoff CDS     38177869        38178112        .       +
        1       Parent=Smp_122170.1
SM_V9_3 Liftoff gene    38183757        38195282        .       -
        .       ID=Smp_000150;geneID=Smp_000150
SM_V9_3 Liftoff mRNA    38183757        38195282        .       -
        .
ID=Smp_000150.1;Parent=Smp_000150;geneID=Smp_000150;product=PHD
finger protein
10;polypeptide_domain=InterPro:IPR001965,IPR011011,IPR013083,IPR0197
87 Pfam:PF00628
SM_V9_3 Liftoff exon    38183757        38184734        .       -
        .       Parent=Smp_000150.1
SM_V9_3 Liftoff exon    38186537        38186767        .       -
        .       Parent=Smp_000150.1
SM_V9_3 Liftoff exon    38188863        38189398        .       -
        .       Parent=Smp_000150.1
SM_V9_3 Liftoff exon    38190228        38190476        .       -
        .       Parent=Smp_000150.1
SM_V9_3 Liftoff exon    38191528        38191749        .       -
        .       Parent=Smp_000150.1
SM_V9_3 Liftoff exon    38191787        38195282        .       -
        .       Parent=Smp_000150.1
SM_V9_3 Liftoff CDS     38183936        38184734        .       -
        1       Parent=Smp_000150.1
SM_V9_3 Liftoff CDS     38186537        38186767        .       -
        1       Parent=Smp_000150.1
SM_V9_3 Liftoff CDS     38188863        38189398        .       -
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        0       Parent=Smp_000150.1
SM_V9_3 Liftoff CDS     38190228        38190476        .       -
        0       Parent=Smp_000150.1
SM_V9_3 Liftoff CDS     38191528        38191749        .       -
        0       Parent=Smp_000150.1
SM_V9_3 Liftoff CDS     38191787        38191942        .       -
        0       Parent=Smp_000150.1
SM_V9_3 iris    gene    38201326        38208872        .       -
        .
ID=Smp_187940;geneID=Smp_187940;gene_name=Smp_187940;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    38201326        38208872        .       -
        .
ID=Smp_187940.1;Parent=Smp_187940;geneID=Smp_187940;gene_name=Smp_18
7940;owner=irisadmin@local.host;orig_id=Smp_187940.1;date_last_modif
ied=2022-07-27;Name=Smp_187940.1;product=Sphingosine kinase
1;date_creation=2022-07-26
SM_V9_3 iris    exon    38201326        38201464        .       -
        .       Parent=Smp_187940.1;Name=d4e68077-8304-48f0-92e3-
ca203f4e4409
SM_V9_3 iris    exon    38202378        38202533        .       -
        .       Parent=Smp_187940.1;Name=562a09ba-
e2db-4341-92f0-601fd599c842
SM_V9_3 iris    exon    38204968        38205201        .       -
        .       Parent=Smp_187940.1;Name=b8c41253-c5e2-481c-aca2-
a0f09959800b
SM_V9_3 iris    exon    38206058        38206483        .       -
        .
Parent=Smp_187940.1;Name=8cd4e769-8f9e-40c9-8889-90a69b6e539e
SM_V9_3 iris    exon    38207725        38207806        .       -
        .       Parent=Smp_187940.1;Name=4ea5ffd1-726a-4b31-
a102-4c7e9149717e
SM_V9_3 iris    exon    38208168        38208262        .       -
        .       Parent=Smp_187940.1;Name=f585b05c-d4cd-40cd-
af85-8da455e17863
SM_V9_3 iris    exon    38208296        38208331        .       -
        .       Parent=Smp_187940.1;Name=1bd85452-5d27-4d31-
b132-9722f38e043c
SM_V9_3 iris    exon    38208364        38208536        .       -
        .       Parent=Smp_187940.1;Name=49cb115a-7de7-4174-9686-
fd014daac119
SM_V9_3 iris    exon    38208565        38208644        .       -
        .       Parent=Smp_187940.1;Name=4b39d30b-
c9b6-4c2c-892a-65214d826a69
SM_V9_3 iris    exon    38208678        38208717        .       -
        .
Parent=Smp_187940.1;Name=010936c5-9be0-465c-9904-7dd08cee6537
SM_V9_3 iris    exon    38208753        38208872        .       -
        .       Parent=Smp_187940.1;Name=a5beaebb-
b616-4330-9311-6084d6cf27ed
SM_V9_3 iris    CDS     38201375        38201464        .       -
        0       Parent=Smp_187940.1
SM_V9_3 iris    CDS     38202378        38202533        .       -
        0       Parent=Smp_187940.1
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SM_V9_3 iris    CDS     38204968        38205201        .       -
        0       Parent=Smp_187940.1
SM_V9_3 iris    CDS     38206058        38206483        .       -
        0       Parent=Smp_187940.1
SM_V9_3 iris    CDS     38207725        38207806        .       -
        1       Parent=Smp_187940.1
SM_V9_3 iris    CDS     38208168        38208262        .       -
        0       Parent=Smp_187940.1
SM_V9_3 iris    CDS     38208296        38208331        .       -
        0       Parent=Smp_187940.1
SM_V9_3 iris    CDS     38208364        38208471        .       -
        0       Parent=Smp_187940.1
SM_V9_3 iris    gene    38217604        38235825        .       +
        .
ID=Smp_000130;geneID=Smp_000130;gene_name=Smp_000130;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-22
SM_V9_3 iris    mRNA    38217604        38235825        .       +
        .
ID=Smp_000130.1;Parent=Smp_000130;geneID=Smp_000130;gene_name=Smp_00
0130;owner=irisadmin@local.host;orig_id=Smp_000130.1;date_last_modif
ied=2022-08-22;Name=Smp_000130.1;product=Hormone-sensitive
lipase;date_creation=2022-08-22
SM_V9_3 iris    exon    38217604        38217714        .       +
        .       Parent=Smp_000130.1;Name=6602968d-b253-4638-
b37b-5431e69c34f4
SM_V9_3 iris    exon    38217753        38217828        .       +
        .
Parent=Smp_000130.1;Name=ed9fd696-75a6-4f16-8250-5aaf83306df3
SM_V9_3 iris    exon    38217874        38217947        .       +
        .       Parent=Smp_000130.1;Name=997b4a21-ebb9-4e41-
b82b-14e930c27951
SM_V9_3 iris    exon    38217985        38218271        .       +
        .       Parent=Smp_000130.1;Name=3db17081-f0ad-4ea4-8b2c-
c07550676382
SM_V9_3 iris    exon    38219135        38219525        .       +
        .       Parent=Smp_000130.1;Name=cfb147f7-fdd9-474b-8add-
d4201b28dbc9
SM_V9_3 iris    exon    38220469        38220742        .       +
        .       Parent=Smp_000130.1;Name=cfd6161b-18fc-4851-a407-
c49ec8b26dc5
SM_V9_3 iris    exon    38225994        38226379        .       +
        .       Parent=Smp_000130.1;Name=bcf60df8-d854-497f-bfdd-
d095e92048e8
SM_V9_3 iris    exon    38228959        38229328        .       +
        .       Parent=Smp_000130.1;Name=57a51c9b-
e900-47da-9ac5-79bc7060f7fb
SM_V9_3 iris    exon    38230429        38230761        .       +
        .       Parent=Smp_000130.1;Name=5cc748ed-c22a-4153-
a7b7-0be5a60a9b94
SM_V9_3 iris    exon    38232749        38232927        .       +
        .       Parent=Smp_000130.1;Name=16f67953-8130-4277-a071-
ffbee9944856
SM_V9_3 iris    exon    38233921        38235825        .       +
        .       Parent=Smp_000130.1;Name=b3a662cc-b39e-4012-
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abe3-66d9e4e3ffb5
SM_V9_3 iris    CDS     38217682        38217714        .       +
        0       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38217753        38217828        .       +
        0       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38217874        38217947        .       +
        2       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38217985        38218271        .       +
        0       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38219135        38219525        .       +
        1       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38220469        38220742        .       +
        0       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38225994        38226379        .       +
        2       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38228959        38229328        .       +
        0       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38230429        38230761        .       +
        2       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38232749        38232927        .       +
        2       Parent=Smp_000130.1
SM_V9_3 iris    CDS     38233921        38234136        .       +
        0       Parent=Smp_000130.1
SM_V9_3 Liftoff gene    38268764        38300248        .       +
        .       ID=Smp_000110;geneID=Smp_000110
SM_V9_3 Liftoff mRNA    38268764        38300248        .       +
        .
ID=Smp_000110.1;Parent=Smp_000110;geneID=Smp_000110;product=Elongati
on factor-like GTPase
1;polypeptide_domain=InterPro:IPR000640,IPR000795,IPR005225,IPR01472
1,IPR020568,IPR027417,IPR035647
Pfam:PF00009,PF00679;Ontology_term=GO:0003924,GO:0005525
SM_V9_3 Liftoff exon    38268764        38268875        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38273730        38274040        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38274077        38274298        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38275752        38276096        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38277834        38278173        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38282014        38282137        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38289374        38289614        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38291393        38291983        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38293225        38293821        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38296750        38297604        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff exon    38298862        38299053        .       +
        .       Parent=Smp_000110.1
```

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SM_V9_3 Liftoff exon    38299447        38300248        .       +
        .       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38268788        38268875        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38273730        38274040        .       +
        2       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38274077        38274298        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38275752        38276096        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38277834        38278173        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38282014        38282137        .       +
        2       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38289374        38289614        .       +
        1       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38291393        38291983        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38293225        38293821        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38296750        38297604        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38298862        38299053        .       +
        0       Parent=Smp_000110.1
SM_V9_3 Liftoff CDS     38299447        38299959        .       +
        0       Parent=Smp_000110.1
SM_V9_3 iris    gene    38304200        38419790        .       -
        .
ID=Smp_000100;geneID=Smp_000100;gene_name=Smp_000100;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    38304200        38419790        .       -
        .
ID=Smp_000100.1;Parent=Smp_000100;geneID=Smp_000100;gene_name=Smp_00
0100;owner=irisadmin@local.host;orig_id=Smp_000100.1;date_last_modif
ied=2022-07-27;Name=Smp_000100.1;product=Actin-binding/filamin-like
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    38304200        38305475        .       -
        .       Parent=Smp_000100.1;Name=3ed5d73a-00e7-449d-aae4-
bcc535ceeaeb
SM_V9_3 iris    exon    38306913        38307117        .       -
        .       Parent=Smp_000100.1;Name=18637643-55ad-4550-
a543-7e0f12ccbc19
SM_V9_3 iris    exon    38309907        38310112        .       -
        .       Parent=Smp_000100.1;Name=cca85988-93e9-4f76-b6d0-
ab956c81da74
SM_V9_3 iris    exon    38310884        38311166        .       -
        .       Parent=Smp_000100.1;Name=291e36e5-ff40-4810-
b12c-842985c51fcb
SM_V9_3 iris    exon    38313158        38313355        .       -
        .       Parent=Smp_000100.1;Name=4c3093f8-1dcc-4baa-
aeb8-7511e3ce1a11
SM_V9_3 iris    exon    38315861        38316051        .       -
        .       Parent=Smp_000100.1;Name=52e49882-
c2d2-4aef-94ed-2229131c18a4
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SM_V9_3 iris    exon    38316145        38316309        .       -
        .
Parent=Smp_000100.1;Name=579aa3de-27cd-4ca9-85d8-94ad88ae4946
SM_V9_3 iris    exon    38318668        38318949        .       -
        .
Parent=Smp_000100.1;Name=d0307c0b-01b5-4ee9-8248-40f08f90ecc5
SM_V9_3 iris    exon    38320862        38321065        .       -
        .       Parent=Smp_000100.1;Name=f8656138-295d-4767-812e-
d67b77cecfa5
SM_V9_3 iris    exon    38323082        38323240        .       -
        .       Parent=Smp_000100.1;Name=6627f17f-
b37d-484a-9fd6-111a72089966
SM_V9_3 iris    exon    38324803        38324976        .       -
        .       Parent=Smp_000100.1;Name=068ee87f-2e4b-476f-
b454-179dcd790f3b
SM_V9_3 iris    exon    38327098        38327367        .       -
        .       Parent=Smp_000100.1;Name=059253de-1d58-4953-a8e2-
ff83bb9ab82e
SM_V9_3 iris    exon    38328984        38329107        .       -
        .       Parent=Smp_000100.1;Name=f07b53a1-01e3-410a-
bcf4-690cae5cc470
SM_V9_3 iris    exon    38331090        38331125        .       -
        .       Parent=Smp_000100.1;Name=762236a4-e0c4-4c42-
a162-4eb66e81c874
SM_V9_3 iris    exon    38333489        38333733        .       -
        .       Parent=Smp_000100.1;Name=688dd638-
b999-4ec0-84ba-451024ea0a22
SM_V9_3 iris    exon    38337869        38338058        .       -
        .       Parent=Smp_000100.1;Name=1529018a-
f7d3-45ec-8065-52720f28641b
SM_V9_3 iris    exon    38343415        38343732        .       -
        .       Parent=Smp_000100.1;Name=d7a15886-49d8-4281-aab0-
a512b65d7401
SM_V9_3 iris    exon    38346834        38346978        .       -
        .       Parent=Smp_000100.1;Name=d9c7b6ea-
d151-4784-8c9f-24cf54f7b498
SM_V9_3 iris    exon    38348193        38348520        .       -
        .       Parent=Smp_000100.1;Name=1d8d4d97-
eb03-42de-85c6-175bf27de34d
SM_V9_3 iris    exon    38349453        38349626        .       -
        .       Parent=Smp_000100.1;Name=851ec4c9-
b2bf-4777-8737-0dd41f470c23
SM_V9_3 iris    exon    38349958        38350626        .       -
        .       Parent=Smp_000100.1;Name=4bdca26e-6a9f-4470-a7dc-
a072b17776ca
SM_V9_3 iris    exon    38353451        38353678        .       -
        .       Parent=Smp_000100.1;Name=3fb3df30-907c-42c2-
ba7b-8c934ea54246
SM_V9_3 iris    exon    38358010        38358127        .       -
        .
Parent=Smp_000100.1;Name=c057cdfe-0634-491b-9647-2953b9164abb
SM_V9_3 iris    exon    38359295        38359555        .       -
        .       Parent=Smp_000100.1;Name=5d0c9fb6-d62c-4577-a876-
c1bd3a96a930
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SM_V9_3 iris    exon    38359645        38359838        .       -
        .       Parent=Smp_000100.1;Name=1ae2dd54-84c7-445f-
b608-277bb88519d7
SM_V9_3 iris    exon    38363395        38363515        .       -
        .       Parent=Smp_000100.1;Name=2e114437-a42c-44af-8393-
cf8f0db293d0
SM_V9_3 iris    exon    38364711        38364847        .       -
        .       Parent=Smp_000100.1;Name=89a2b7ac-46f0-46fc-
a635-45321aad88f5
SM_V9_3 iris    exon    38368907        38369044        .       -
        .       Parent=Smp_000100.1;Name=966f410f-db95-47c6-9461-
fdb41f2f736d
SM_V9_3 iris    exon    38369328        38369381        .       -
        .       Parent=Smp_000100.1;Name=127b9e43-1508-48c3-bc1f-
a47da4fcb079
SM_V9_3 iris    exon    38371250        38371297        .       -
        .       Parent=Smp_000100.1;Name=d09fd6f7-b95c-4580-
a742-06238c96c234
SM_V9_3 iris    exon    38374716        38374916        .       -
        .       Parent=Smp_000100.1;Name=faa1a69e-295c-443e-b793-
d5909bd47c1c
SM_V9_3 iris    exon    38380645        38380885        .       -
        .       Parent=Smp_000100.1;Name=475fae44-f5e0-47b9-
b951-649a9fe81dc4
SM_V9_3 iris    exon    38384216        38384334        .       -
        .       Parent=Smp_000100.1;Name=a832acfa-8743-4e14-92dc-
ab203c741521
SM_V9_3 iris    exon    38397239        38397620        .       -
        .       Parent=Smp_000100.1;Name=220ae1e4-5e0b-4baf-867f-
b209d393fa62
SM_V9_3 iris    exon    38408171        38408283        .       -
        .
Parent=Smp_000100.1;Name=ddf45204-5553-4617-99e3-8ed9a41058a2
SM_V9_3 iris    exon    38410025        38410384        .       -
        .       Parent=Smp_000100.1;Name=633d43d5-e040-4b97-a6ff-
b3785c0a4ac5
SM_V9_3 iris    exon    38419509        38419790        .       -
        .       Parent=Smp_000100.1;Name=5c2fa77f-a280-4b0d-a95c-
f0a93fce6604
SM_V9_3 iris    CDS     38305288        38305475        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38306913        38307117        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38309907        38310112        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38310884        38311166        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38313158        38313355        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38315861        38316051        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38316145        38316309        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38318668        38318949        .       -
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        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38320862        38321065        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38323082        38323240        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38324803        38324976        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38327098        38327367        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38328984        38329107        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38331090        38331125        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38333489        38333733        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38337869        38338058        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38343415        38343732        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38346834        38346978        .       -
        1       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38348193        38348520        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38349453        38349626        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38349958        38350626        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38353451        38353678        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38358010        38358127        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38359295        38359555        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38359645        38359838        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38363395        38363515        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38364711        38364847        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38368907        38369044        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38369328        38369381        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38371250        38371297        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38374716        38374916        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38380645        38380885        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38384216        38384334        .       -
        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38397239        38397620        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38408171        38408283        .       -
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        2       Parent=Smp_000100.1
SM_V9_3 iris    CDS     38410025        38410367        .       -
        0       Parent=Smp_000100.1
SM_V9_3 iris    gene    38456601        38466609        .       +
        .
ID=Smp_118830;geneID=Smp_118830;gene_name=Smp_118830;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    38456601        38466609        .       +
        .
ID=Smp_118830.1;Parent=Smp_118830;geneID=Smp_118830;gene_name=Smp_11
8830;owner=irisadmin@local.host;orig_id=Smp_118830.1;date_last_modif
ied=2022-07-27;Name=Smp_118830.1;product=F-actin-capping protein
subunit alpha-2;date_creation=2022-07-26
SM_V9_3 iris    exon    38456601        38456700        .       +
        .       Parent=Smp_118830.1;Name=50757159-0934-465a-a208-
a94dbc5e4b4d
SM_V9_3 iris    exon    38456748        38456811        .       +
        .       Parent=Smp_118830.1;Name=3c250e28-ec58-4adb-
b40c-2026b7bdda58
SM_V9_3 iris    exon    38456846        38456897        .       +
        .
Parent=Smp_118830.1;Name=efaba380-9c18-4770-8a4f-3f1498e68899
SM_V9_3 iris    exon    38456932        38457297        .       +
        .       Parent=Smp_118830.1;Name=323c005b-a641-4fdb-bb61-
ddd4ee3a4bab
SM_V9_3 iris    exon    38459503        38459590        .       +
        .
Parent=Smp_118830.1;Name=fd719abe-96a5-45e3-93b2-38c6aa5fdeb8
SM_V9_3 iris    exon    38460706        38460840        .       +
        .
Parent=Smp_118830.1;Name=89df7818-5168-4257-8c2d-0e585605eaf1
SM_V9_3 iris    exon    38465679        38466609        .       +
        .
Parent=Smp_118830.1;Name=e09995dd-855d-437a-9884-358976807ae1
SM_V9_3 iris    CDS     38456668        38456700        .       +
        0       Parent=Smp_118830.1
SM_V9_3 iris    CDS     38456748        38456811        .       +
        0       Parent=Smp_118830.1
SM_V9_3 iris    CDS     38456846        38456897        .       +
        2       Parent=Smp_118830.1
SM_V9_3 iris    CDS     38456932        38457297        .       +
        1       Parent=Smp_118830.1
SM_V9_3 iris    CDS     38459503        38459590        .       +
        1       Parent=Smp_118830.1
SM_V9_3 iris    CDS     38460706        38460840        .       +
        0       Parent=Smp_118830.1
SM_V9_3 iris    CDS     38465679        38465828        .       +
        0       Parent=Smp_118830.1
SM_V9_3 iris    gene    38477886        38504077        .       -
        .
ID=Smp_167630;geneID=Smp_167630;gene_name=Smp_167630;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    38477886        38498863        .       -
        .
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ID=Smp_167630.2;Parent=Smp_167630;geneID=Smp_167630;gene_name=Smp_16
7630;owner=irisadmin@local.host;orig_id=Smp_167630.2;date_last_modif
ied=2022-08-22;Name=Smp_167630.2;product=Zinc transporter
foi;date_creation=2022-08-22
SM_V9_3 iris    exon    38477886        38478585        .       -
        .       Parent=Smp_167630.2;Name=ab5cc8ee-e52b-4c55-b8cd-
ea6990642a6a
SM_V9_3 iris    exon    38480351        38480538        .       -
        .
Parent=Smp_167630.2;Name=eb62116c-484f-4b13-8612-7b4fe147cfe8
SM_V9_3 iris    exon    38483997        38484077        .       -
        .       Parent=Smp_167630.2;Name=c36351ee-
d852-4988-90e3-3a8baeebbc5d
SM_V9_3 iris    exon    38486151        38486232        .       -
        .       Parent=Smp_167630.2;Name=74f119d9-a85e-4bb9-
b651-9721bb39d794
SM_V9_3 iris    exon    38488361        38488447        .       -
        .       Parent=Smp_167630.2;Name=7c42a688-a2b4-4bf7-a7fe-
a78c004fc5f6
SM_V9_3 iris    exon    38489825        38490090        .       -
        .       Parent=Smp_167630.2;Name=9ee50bea-b1d5-4e84-b980-
c8e40f6b1fea
SM_V9_3 iris    exon    38490711        38490924        .       -
        .       Parent=Smp_167630.2;Name=012241e4-943c-40be-aa4e-
aacb113c42ac
SM_V9_3 iris    exon    38492843        38493025        .       -
        .       Parent=Smp_167630.2;Name=28d5d33d-9616-4c25-9384-
d58341b06214
SM_V9_3 iris    exon    38494170        38494339        .       -
        .       Parent=Smp_167630.2;Name=18d7671e-961d-494e-
ad47-2d35230d4895
SM_V9_3 iris    exon    38496100        38496139        .       -
        .       Parent=Smp_167630.2;Name=17fd63c4-b0e1-410d-
b610-89515ad86ed3
SM_V9_3 iris    exon    38497728        38497874        .       -
        .       Parent=Smp_167630.2;Name=f3fde0db-af3b-46e3-b4c2-
be295bb45a4b
SM_V9_3 iris    exon    38498672        38498863        .       -
        .       Parent=Smp_167630.2;Name=cccf2e94-dfb3-4db4-8bfe-
ef4d77253884
SM_V9_3 iris    CDS     38478439        38478585        .       -
        0       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38480351        38480538        .       -
        2       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38483997        38484077        .       -
        2       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38486151        38486232        .       -
        0       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38488361        38488447        .       -
        0       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38489825        38490090        .       -
        2       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38490711        38490924        .       -
        0       Parent=Smp_167630.2
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SM_V9_3 iris    CDS     38492843        38493025        .       -
        0       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38494170        38494339        .       -
        2       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38496100        38496139        .       -
        0       Parent=Smp_167630.2
SM_V9_3 iris    CDS     38497728        38497835        .       -
        0       Parent=Smp_167630.2
SM_V9_3 iris    mRNA    38477886        38504077        .       -
        .
ID=Smp_167630.1;Parent=Smp_167630;geneID=Smp_167630;gene_name=Smp_16
7630;owner=irisadmin@local.host;orig_id=Smp_167630.1;date_last_modif
ied=2022-08-22;Name=Smp_167630.1;product=Zinc transporter
foi;date_creation=2022-08-22
SM_V9_3 iris    exon    38477886        38478585        .       -
        .       Parent=Smp_167630.1;Name=84f7d648-
ecb2-4844-859e-4bf33b79d146
SM_V9_3 iris    exon    38480351        38480538        .       -
        .       Parent=Smp_167630.1;Name=6b088966-eebe-48bc-
a091-1294702a6346
SM_V9_3 iris    exon    38483997        38484077        .       -
        .       Parent=Smp_167630.1;Name=8c8fa86d-
f50b-4026-999e-70526744323c
SM_V9_3 iris    exon    38486151        38486232        .       -
        .       Parent=Smp_167630.1;Name=fa43aba9-6dc9-40d9-9f4a-
a33199668289
SM_V9_3 iris    exon    38488361        38488447        .       -
        .
Parent=Smp_167630.1;Name=afaf6bb3-066b-45fe-9eaf-2b7d6bfc8041
SM_V9_3 iris    exon    38489825        38490090        .       -
        .       Parent=Smp_167630.1;Name=90c2d075-
ed2f-4877-92fa-4746941c156f
SM_V9_3 iris    exon    38490711        38490924        .       -
        .       Parent=Smp_167630.1;Name=5c67aa52-
bce6-4315-891a-74ebafecfa3f
SM_V9_3 iris    exon    38492843        38493025        .       -
        .       Parent=Smp_167630.1;Name=b1a47766-8e2d-41cf-
a743-568032740641
SM_V9_3 iris    exon    38494170        38494339        .       -
        .
Parent=Smp_167630.1;Name=f96ee226-09dc-45ec-986b-473b173524ab
SM_V9_3 iris    exon    38496100        38496139        .       -
        .
Parent=Smp_167630.1;Name=23067cac-2e6a-4297-9bfa-8c94cc830168
SM_V9_3 iris    exon    38497728        38497874        .       -
        .       Parent=Smp_167630.1;Name=82de8c71-
d776-45ef-9691-9cad22fb8b74
SM_V9_3 iris    exon    38503390        38504077        .       -
        .       Parent=Smp_167630.1;Name=2f568aef-12e3-4916-
aed6-10f6aa184fa7
SM_V9_3 iris    CDS     38478439        38478585        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38480351        38480538        .       -
        2       Parent=Smp_167630.1
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SM_V9_3 iris    CDS     38483997        38484077        .       -
        2       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38486151        38486232        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38488361        38488447        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38489825        38490090        .       -
        2       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38490711        38490924        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38492843        38493025        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38494170        38494339        .       -
        2       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38496100        38496139        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38497728        38497874        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    CDS     38503390        38503569        .       -
        0       Parent=Smp_167630.1
SM_V9_3 iris    gene    38516021        38582559        .       -
        .
ID=Smp_167640;geneID=Smp_167640;gene_name=Smp_167640;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-07-26
SM_V9_3 iris    mRNA    38516021        38582559        .       -
        .
ID=Smp_167640.1;Parent=Smp_167640;geneID=Smp_167640;gene_name=Smp_16
7640;owner=irisadmin@local.host;orig_id=Smp_167640.1;date_last_modif
ied=2022-08-22;Name=Smp_167640.1;product=Cytosolic carboxypeptidase
2;date_creation=2022-07-26
SM_V9_3 iris    exon    38516021        38516164        .       -
        .       Parent=Smp_167640.1;Name=f0a90aba-8cdd-420d-9cca-
c73a067b2566
SM_V9_3 iris    exon    38521910        38521958        .       -
        .
Parent=Smp_167640.1;Name=57408b22-7460-489a-9c7b-01bd959a3246
SM_V9_3 iris    exon    38524190        38524533        .       -
        .       Parent=Smp_167640.1;Name=a25adf0b-
c8b7-4f1a-871a-8e5e6e294dd1
SM_V9_3 iris    exon    38529094        38529460        .       -
        .
Parent=Smp_167640.1;Name=dd4464d8-65c3-462e-9e72-057b48c19198
SM_V9_3 iris    exon    38532330        38532430        .       -
        .       Parent=Smp_167640.1;Name=5b3834ce-f38e-454c-acee-
bfcc90e92ae3
SM_V9_3 iris    exon    38533757        38533883        .       -
        .       Parent=Smp_167640.1;Name=321b9ef7-4a94-4fec-
b3f5-87aed06479bf
SM_V9_3 iris    exon    38536117        38536206        .       -
        .
Parent=Smp_167640.1;Name=a9a5982f-7684-4736-871f-852ee7de50df
SM_V9_3 iris    exon    38539006        38539068        .       -
        .       Parent=Smp_167640.1;Name=9e557e0a-
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SM_V9_3 iris    exon    38540341        38540382        .       -
        .       Parent=Smp_167640.1;Name=15ac83d5-1e81-4ab8-
b647-1a877757f419
SM_V9_3 iris    exon    38542058        38542126        .       -
        .       Parent=Smp_167640.1;Name=131c934d-d78c-4e6e-
ab98-2902b52ec4e5
SM_V9_3 iris    exon    38543108        38543174        .       -
        .       Parent=Smp_167640.1;Name=f89b2b48-1407-45e6-
b2d7-8e6dc7a89245
SM_V9_3 iris    exon    38544544        38544656        .       -
        .       Parent=Smp_167640.1;Name=cda6182c-c1f2-41b7-
a187-3f498aeb1c62
SM_V9_3 iris    exon    38548716        38548844        .       -
        .       Parent=Smp_167640.1;Name=77f3023f-
ec6c-485b-879b-64cbac41ba8a
SM_V9_3 iris    exon    38554994        38555095        .       -
        .
Parent=Smp_167640.1;Name=b80a2703-060b-40c6-906d-7866db6bfe7f
SM_V9_3 iris    exon    38557739        38557895        .       -
        .       Parent=Smp_167640.1;Name=acad4b8c-afff-4c2a-8db1-
fff5794bd111
SM_V9_3 iris    exon    38559795        38559964        .       -
        .
Parent=Smp_167640.1;Name=f0b38a00-38c7-43d0-8df0-58e013aea6d1
SM_V9_3 iris    exon    38561641        38561814        .       -
        .       Parent=Smp_167640.1;Name=74350f7a-3b74-4fd2-9a97-
e6cf5621b555
SM_V9_3 iris    exon    38564029        38564386        .       -
        .
Parent=Smp_167640.1;Name=a0c05b0a-956e-4d9d-8476-1a513c697fa2
SM_V9_3 iris    exon    38566658        38566773        .       -
        .       Parent=Smp_167640.1;Name=7fb03066-d433-4ce8-
a0b9-5ed523d97f0f
SM_V9_3 iris    exon    38568902        38569034        .       -
        .
Parent=Smp_167640.1;Name=9ce9f82f-2e75-4036-938e-64ee41e8e6a5
SM_V9_3 iris    exon    38576715        38576833        .       -
        .       Parent=Smp_167640.1;Name=fd2830e3-0b6a-46b6-
aa3c-20640aab1930
SM_V9_3 iris    exon    38577654        38577751        .       -
        .
Parent=Smp_167640.1;Name=3060893c-9a8e-4a50-89a2-86f7c8ef7f9b
SM_V9_3 iris    exon    38581020        38581102        .       -
        .
Parent=Smp_167640.1;Name=85d623b4-139a-476c-8985-0fff5c56ca46
SM_V9_3 iris    exon    38582211        38582352        .       -
        .       Parent=Smp_167640.1;Name=d63b5325-f954-4dd2-bdb6-
e483c2f2cafb
SM_V9_3 iris    exon    38582387        38582559        .       -
        .       Parent=Smp_167640.1;Name=e8bc2bd6-10b7-43db-8a62-
ee8300be5158
SM_V9_3 iris    CDS     38516091        38516164        .       -
        2       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38521910        38521958        .       -
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        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38524190        38524533        .       -
        2       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38529094        38529460        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38532330        38532430        .       -
        2       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38533757        38533883        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38536117        38536206        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38539006        38539068        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38540341        38540382        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38542058        38542126        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38543108        38543174        .       -
        1       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38544544        38544656        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38548716        38548844        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38554994        38555095        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38557739        38557895        .       -
        1       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38559795        38559964        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38561641        38561814        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38564029        38564386        .       -
        1       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38566658        38566773        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38568902        38569034        .       -
        1       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38576715        38576833        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38577654        38577751        .       -
        2       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38581020        38581102        .       -
        1       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38582211        38582352        .       -
        2       Parent=Smp_167640.1
SM_V9_3 iris    CDS     38582387        38582492        .       -
        0       Parent=Smp_167640.1
SM_V9_3 iris    gene    38600194        38680370        .       +
        .
ID=Smp_167650;geneID=Smp_167650;gene_name=Smp_167650;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    38600194        38680370        .       +
        .
ID=Smp_167650.1;Parent=Smp_167650;geneID=Smp_167650;gene_name=Smp_16
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7650;owner=irisadmin@local.host;orig_id=Smp_167650.1;date_last_modif
ied=2022-07-27;Name=Smp_167650.1;product=Rho guanine nucleotide
exchange factor 17;date_creation=2022-07-26
SM_V9_3 iris    exon    38600194        38601722        .       +
        .       Parent=Smp_167650.1;Name=df587e08-3713-4617-a1bb-
cc21b5f6e763
SM_V9_3 iris    exon    38617606        38617874        .       +
        .       Parent=Smp_167650.1;Name=964c7d04-0f0c-46a3-
bfe0-6f8a001cc3a6
SM_V9_3 iris    exon    38620030        38620107        .       +
        .       Parent=Smp_167650.1;Name=4adc51df-5695-4a80-
bfad-09c64df35c74
SM_V9_3 iris    exon    38625568        38625729        .       +
        .       Parent=Smp_167650.1;Name=b647a532-b762-44b8-
a2ce-47309e9d4815
SM_V9_3 iris    exon    38629438        38629554        .       +
        .       Parent=Smp_167650.1;Name=6f894e3f-b48a-4c35-b019-
a3a36136767c
SM_V9_3 iris    exon    38636997        38637089        .       +
        .
Parent=Smp_167650.1;Name=017bf485-0316-47ad-90c1-856aef61d38e
SM_V9_3 iris    exon    38639104        38639271        .       +
        .       Parent=Smp_167650.1;Name=e924d3cc-f944-4288-b7a9-
ae342ca16fd6
SM_V9_3 iris    exon    38641254        38641304        .       +
        .       Parent=Smp_167650.1;Name=dcdcaa71-ab53-42e4-
ba2f-0046b0013bb1
SM_V9_3 iris    exon    38642546        38642652        .       +
        .       Parent=Smp_167650.1;Name=fcf1b047-7aa6-4edb-
a0b7-67905acd7344
SM_V9_3 iris    exon    38644551        38644639        .       +
        .       Parent=Smp_167650.1;Name=2f58289d-
b1ff-4130-8f18-7e98a9b56a3c
SM_V9_3 iris    exon    38651196        38651236        .       +
        .       Parent=Smp_167650.1;Name=47719a31-d4bb-4b64-
ba4e-26b69cf61302
SM_V9_3 iris    exon    38655055        38655179        .       +
        .       Parent=Smp_167650.1;Name=800f0c6b-
d4d2-428f-9450-7604c45cdb79
SM_V9_3 iris    exon    38657399        38657490        .       +
        .       Parent=Smp_167650.1;Name=0f3485b5-7b6a-40ef-bacb-
ca53e5fa46c2
SM_V9_3 iris    exon    38658927        38658994        .       +
        .
Parent=Smp_167650.1;Name=85ea97e1-0873-4f57-8d85-73cc6343170e
SM_V9_3 iris    exon    38664311        38664525        .       +
        .
Parent=Smp_167650.1;Name=42a8ea82-77e1-49dd-84a4-36f08baf89f2
SM_V9_3 iris    exon    38667838        38668574        .       +
        .       Parent=Smp_167650.1;Name=137976d8-0a6c-4cd9-
bb44-32280b9051d3
SM_V9_3 iris    exon    38669733        38669817        .       +
        .       Parent=Smp_167650.1;Name=8415a5c4-e534-40d1-81b9-
da7468bf4442
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SM_V9_3 iris    exon    38671105        38671259        .       +
        .       Parent=Smp_167650.1;Name=6331a59c-6791-4f39-
b3e1-9f23d89a6668
SM_V9_3 iris    exon    38672618        38672775        .       +
        .       Parent=Smp_167650.1;Name=f4b714dd-19d6-405b-9e3a-
cc6a55438183
SM_V9_3 iris    exon    38675381        38675561        .       +
        .       Parent=Smp_167650.1;Name=128321c4-7eb4-4b20-ba17-
d5f82e98819f
SM_V9_3 iris    exon    38676878        38677051        .       +
        .
Parent=Smp_167650.1;Name=d7dfd23d-7006-45f0-8db1-7a0c881e1699
SM_V9_3 iris    exon    38679638        38680370        .       +
        .
Parent=Smp_167650.1;Name=85a2d823-57a5-4fea-97f4-52ff80941ddb
SM_V9_3 iris    CDS     38600444        38601722        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38617606        38617874        .       +
        2       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38620030        38620107        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38625568        38625729        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38629438        38629554        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38636997        38637089        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38639104        38639271        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38641254        38641304        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38642546        38642652        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38644551        38644639        .       +
        1       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38651196        38651236        .       +
        2       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38655055        38655179        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38657399        38657490        .       +
        1       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38658927        38658994        .       +
        2       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38664311        38664525        .       +
        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38667838        38668574        .       +
        1       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38669733        38669817        .       +
        2       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38671105        38671259        .       +
        1       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38672618        38672775        .       +
        2       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38675381        38675561        .       +
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        0       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38676878        38677051        .       +
        2       Parent=Smp_167650.1
SM_V9_3 iris    CDS     38679638        38680095        .       +
        2       Parent=Smp_167650.1
SM_V9_3 iris    gene    38703912        38727370        .       +
        .
ID=Smp_083870;geneID=Smp_083870;gene_name=Smp_083870;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    38703912        38727370        .       +
        .
ID=Smp_083870.1;Parent=Smp_083870;geneID=Smp_083870;gene_name=Smp_08
3870;owner=irisadmin@local.host;orig_id=Smp_083870.1;date_last_modif
ied=2022-07-27;Name=Smp_083870.1;product=leucine aminopeptidase
2;date_creation=2022-07-26
SM_V9_3 iris    exon    38703912        38703992        .       +
        .       Parent=Smp_083870.1;Name=0d9a0ac6-02c7-4939-
a7ef-77dd576cf5c2
SM_V9_3 iris    exon    38704061        38704250        .       +
        .       Parent=Smp_083870.1;Name=f499c586-
d6c8-4d29-8d29-158618f738cb
SM_V9_3 iris    exon    38704286        38704351        .       +
        .       Parent=Smp_083870.1;Name=7751f622-76c0-43b4-
a45e-6f9bd9bbee82
SM_V9_3 iris    exon    38704384        38704466        .       +
        .       Parent=Smp_083870.1;Name=4ae85726-7d00-49d0-8051-
e8b1bdeef372
SM_V9_3 iris    exon    38710564        38710702        .       +
        .       Parent=Smp_083870.1;Name=ab15fb69-e6ab-46de-
bc58-8d4fb34c6558
SM_V9_3 iris    exon    38711791        38711916        .       +
        .       Parent=Smp_083870.1;Name=36b064b4-4969-47e5-
a027-3aa8be700a38
SM_V9_3 iris    exon    38712894        38713083        .       +
        .       Parent=Smp_083870.1;Name=87e7fe89-d00a-4b65-b2b7-
a0a99a9a6748
SM_V9_3 iris    exon    38718107        38718348        .       +
        .       Parent=Smp_083870.1;Name=02457598-5250-4fbd-
aab4-6c4d2da88f0c
SM_V9_3 iris    exon    38720309        38720470        .       +
        .       Parent=Smp_083870.1;Name=4360ee29-56ef-479f-82d1-
fbbf341eb0b3
SM_V9_3 iris    exon    38721549        38721632        .       +
        .
Parent=Smp_083870.1;Name=8fa08397-4483-4b0d-9b83-27ed3c3e6190
SM_V9_3 iris    exon    38722328        38722414        .       +
        .       Parent=Smp_083870.1;Name=a3943ae6-3e15-4ae1-9d68-
f3cd5cbe8ce6
SM_V9_3 iris    exon    38724247        38724399        .       +
        .       Parent=Smp_083870.1;Name=4665dba8-da19-4af7-9033-
fa59fc3a07d2
SM_V9_3 iris    exon    38726138        38727370        .       +
        .       Parent=Smp_083870.1;Name=e46987c3-0219-49c5-
ab35-9f6d00d98707
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SM_V9_3 iris    CDS     38703964        38703992        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38704061        38704250        .       +
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SM_V9_3 iris    CDS     38704286        38704351        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38704384        38704466        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38710564        38710702        .       +
        1       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38711791        38711916        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38712894        38713083        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38718107        38718348        .       +
        2       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38720309        38720470        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38721549        38721632        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38722328        38722414        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38724247        38724399        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    CDS     38726138        38726296        .       +
        0       Parent=Smp_083870.1
SM_V9_3 iris    gene    38783055        38785040        .       +
        .
ID=Smp_083880;geneID=Smp_083880;gene_name=Smp_083880;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_3 iris    mRNA    38783055        38785040        .       +
        .
ID=Smp_083880.1;Parent=Smp_083880;geneID=Smp_083880;gene_name=Smp_08
3880;owner=irisadmin@local.host;orig_id=Smp_083880.1;date_last_modif
ied=2022-08-21;Name=Smp_083880.1;product=Octopamine receptor
Oamb;date_creation=2022-08-21
SM_V9_3 iris    exon    38783055        38785040        .       +
        .       Parent=Smp_083880.1;Name=Smp_083880.1-CDS
SM_V9_3 iris    CDS     38783732        38784682        .       +
        0       Parent=Smp_083880.1
SM_V9_3 Liftoff gene    38891869        38910278        .       +
        .       ID=Smp_167660;geneID=Smp_167660
SM_V9_3 Liftoff mRNA    38891869        38910278        .       +
        .
ID=Smp_167660.1;Parent=Smp_167660;geneID=Smp_167660;product=Protein
phosphatase 1 regulatory subunit
3B;polypeptide_domain=InterPro:IPR005036,IPR013783
Pfam:PF03370;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    38891869        38893207        .       +
        .       Parent=Smp_167660.1
SM_V9_3 Liftoff exon    38908652        38910278        .       +
        .       Parent=Smp_167660.1
SM_V9_3 Liftoff CDS     38891995        38893207        .       +
        0       Parent=Smp_167660.1
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SM_V9_3 Liftoff CDS     38908652        38909586        .       +
        2       Parent=Smp_167660.1
SM_V9_3 Liftoff gene    38915625        38916086        .       -
        .       ID=Smp_167670;geneID=Smp_167670
SM_V9_3 Liftoff mRNA    38915625        38916086        .       -
        .
ID=Smp_167670.1;Parent=Smp_167670;geneID=Smp_167670;product=Trehalas
e
SM_V9_3 Liftoff exon    38915625        38915647        .       -
        .       Parent=Smp_167670.1
SM_V9_3 Liftoff exon    38915882        38916086        .       -
        .       Parent=Smp_167670.1
SM_V9_3 Liftoff CDS     38915625        38915647        .       -
        2       Parent=Smp_167670.1
SM_V9_3 Liftoff CDS     38915882        38916086        .       -
        0       Parent=Smp_167670.1
SM_V9_3 Liftoff gene    38936718        38997182        .       +
        .
ID=Smp_167680;geneID=Smp_167680;previous_systematic_id=Smp_167690
SM_V9_3 Liftoff mRNA    38936718        38997182        .       +
        .
ID=Smp_167680.1;Parent=Smp_167680;geneID=Smp_167680;product=E3
ubiquitin-protein ligase
HUWE1;polypeptide_domain=InterPro:IPR000569,IPR004170,IPR009060,IPR0
10309,IPR010314,IPR015940,IPR016024,IPR025527
Pfam:PF00627,PF00632,PF02825,PF06012,PF06025,PF14377;Ontology_term=G
O:0004842,GO:0005488,GO:0005515
SM_V9_3 Liftoff exon    38936718        38937305        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38937338        38937416        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38937453        38937509        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38937543        38937858        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38938740        38938896        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38940823        38941016        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38941051        38941289        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38946264        38946530        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38948945        38949313        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38949547        38950068        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38951250        38951474        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38955093        38955322        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38956251        38956537        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38956702        38957095        .       +
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        .       Parent=Smp_167680.1
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        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38959702        38959904        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38961218        38961352        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38962836        38963030        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38964445        38964657        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38965241        38965489        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38966137        38966382        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38968760        38969260        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38970296        38970590        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38972515        38972876        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38973797        38974028        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38974658        38974854        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38975470        38977818        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38978376        38979630        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38980820        38981169        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38982544        38982871        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38983794        38984071        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38984921        38985458        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38986534        38986797        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38988213        38988541        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38989650        38989982        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38990910        38992023        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38992800        38993070        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38993761        38993866        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38994559        38995052        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff exon    38996187        38997182        .       +
        .       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38936944        38937305        .       +
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        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38937338        38937416        .       +
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SM_V9_3 Liftoff CDS     38937453        38937509        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38937543        38937858        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38938740        38938896        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38940823        38941016        .       +
        1       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38941051        38941289        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38946264        38946530        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38948945        38949313        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38949547        38950068        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38951250        38951474        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38955093        38955322        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38956251        38956537        .       +
        1       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38956702        38957095        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38958848        38958897        .       +
        1       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38959702        38959904        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38961218        38961352        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38962836        38963030        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38964445        38964657        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38965241        38965489        .       +
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SM_V9_3 Liftoff CDS     38966137        38966382        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38968760        38969260        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38970296        38970590        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38972515        38972876        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38973797        38974028        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38974658        38974854        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38975470        38977818        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38978376        38979630        .       +
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        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38980820        38981169        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38982544        38982871        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38983794        38984071        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38984921        38985458        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38986534        38986797        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38988213        38988541        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38989650        38989982        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38990910        38992023        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38992800        38993070        .       +
        2       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38993761        38993866        .       +
        1       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38994559        38995052        .       +
        0       Parent=Smp_167680.1
SM_V9_3 Liftoff CDS     38996187        38996289        .       +
        1       Parent=Smp_167680.1
SM_V9_3 Liftoff gene    39000042        39002572        .       -
        .       ID=Smp_083930;geneID=Smp_083930
SM_V9_3 Liftoff mRNA    39000042        39002572        .       -
        .
ID=Smp_083930.1;Parent=Smp_083930;geneID=Smp_083930;product=Chromati
n modification-related protein
MEAF6;polypeptide_domain=InterPro:IPR015418
Pfam:PF09340;Ontology_term=GO:0000123,GO:0016573
SM_V9_3 Liftoff exon    39000042        39000446        .       -
        .       Parent=Smp_083930.1
SM_V9_3 Liftoff exon    39002080        39002110        .       -
        .       Parent=Smp_083930.1
SM_V9_3 Liftoff exon    39002144        39002380        .       -
        .       Parent=Smp_083930.1
SM_V9_3 Liftoff exon    39002422        39002572        .       -
        .       Parent=Smp_083930.1
SM_V9_3 Liftoff CDS     39000271        39000446        .       -
        2       Parent=Smp_083930.1
SM_V9_3 Liftoff CDS     39002080        39002110        .       -
        0       Parent=Smp_083930.1
SM_V9_3 Liftoff CDS     39002144        39002380        .       -
        0       Parent=Smp_083930.1
SM_V9_3 Liftoff CDS     39002422        39002508        .       -
        0       Parent=Smp_083930.1
SM_V9_3 Liftoff gene    39014448        39015649        .       -
        .       ID=Smp_177720;geneID=Smp_177720
SM_V9_3 Liftoff mRNA    39014448        39015649        .       -
        .
ID=Smp_177720.1;Parent=Smp_177720;geneID=Smp_177720;product=Probable
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G-protein coupled receptor
21;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    39014448        39015649        .       -
        .       Parent=Smp_177720.1
SM_V9_3 Liftoff CDS     39014484        39015605        .       -
        0       Parent=Smp_177720.1
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        .       ID=Smp_083940;geneID=Smp_083940
SM_V9_3 Liftoff mRNA    39035813        39037182        .       +
        .
ID=Smp_083940.1;Parent=Smp_083940;geneID=Smp_083940;product=C3a
anaphylatoxin chemotactic receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    39035813        39037182        .       +
        .       Parent=Smp_083940.1
SM_V9_3 Liftoff CDS     39036014        39037087        .       +
        0       Parent=Smp_083940.1
SM_V9_3 Liftoff gene    39052383        39053689        .       +
        .       ID=Smp_326640;geneID=Smp_326640
SM_V9_3 Liftoff mRNA    39052383        39053689        .       +
        .
ID=Smp_326640.1;Parent=Smp_326640;geneID=Smp_326640;product=5-
hydroxytryptamine receptor
7;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    39052383        39053689        .       +
        .       Parent=Smp_326640.1
SM_V9_3 Liftoff CDS     39052595        39053668        .       +
        0       Parent=Smp_326640.1
SM_V9_3 Liftoff gene    39065897        39067177        .       -
        .       ID=Smp_083950;geneID=Smp_083950
SM_V9_3 Liftoff mRNA    39065897        39067177        .       -
        .
ID=Smp_083950.1;Parent=Smp_083950;geneID=Smp_083950;product=Lysophos
phatidic acid receptor 6
SM_V9_3 Liftoff exon    39065897        39065987        .       -
        .       Parent=Smp_083950.1
SM_V9_3 Liftoff exon    39066861        39067177        .       -
        .       Parent=Smp_083950.1
SM_V9_3 Liftoff CDS     39065897        39065987        .       -
        1       Parent=Smp_083950.1
SM_V9_3 Liftoff CDS     39066861        39067177        .       -
        0       Parent=Smp_083950.1
SM_V9_3 iris    gene    39127112        39142744        .       -
        .
ID=Smp_083990;geneID=Smp_083990;gene_name=Smp_083990;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39127112        39142744        .       -
        .
ID=Smp_083990.1;Parent=Smp_083990;geneID=Smp_083990;gene_name=Smp_08
3990;owner=irisadmin@local.host;orig_id=Smp_083990.1;date_last_modif
ied=2022-07-27;Name=Smp_083990.1;product=amino acid
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permease;date_creation=2022-07-26
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        .       Parent=Smp_083990.1;Name=6e927993-8e00-4bc2-
b47b-89636ce42d3e
SM_V9_3 iris    exon    39130431        39130608        .       -
        .
Parent=Smp_083990.1;Name=c83feada-5590-47fa-9a88-3aa58b37a2d4
SM_V9_3 iris    exon    39131536        39131688        .       -
        .       Parent=Smp_083990.1;Name=cf1c029c-67e4-4ad6-b79a-
a79584f43379
SM_V9_3 iris    exon    39132479        39132575        .       -
        .       Parent=Smp_083990.1;Name=9460ef16-5a1f-4577-
a894-612e9fcd3a62
SM_V9_3 iris    exon    39134647        39134750        .       -
        .
Parent=Smp_083990.1;Name=cdaf6c58-2d79-4f79-8419-28bbfb33b7fa
SM_V9_3 iris    exon    39136499        39136631        .       -
        .       Parent=Smp_083990.1;Name=a37316b0-
cc1e-4f1c-935c-2dff3364f652
SM_V9_3 iris    exon    39137447        39137491        .       -
        .       Parent=Smp_083990.1;Name=64c63dd8-
e01a-4f3c-93fc-9f532b76d649
SM_V9_3 iris    exon    39141762        39141861        .       -
        .       Parent=Smp_083990.1;Name=66f68aa9-7b69-48c7-
bcbe-321944182727
SM_V9_3 iris    exon    39141939        39142064        .       -
        .       Parent=Smp_083990.1;Name=191a4c57-01c8-4d32-
a4a1-3d484c36ed57
SM_V9_3 iris    exon    39142098        39142340        .       -
        .       Parent=Smp_083990.1;Name=f941ca93-af86-4536-
a580-82140f0b8786
SM_V9_3 iris    exon    39142378        39142744        .       -
        .
Parent=Smp_083990.1;Name=643d7c8d-03cc-4c34-8c3e-1a2faeec8e4a
SM_V9_3 iris    CDS     39127765        39127883        .       -
        2       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39130431        39130608        .       -
        0       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39131536        39131688        .       -
        0       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39132479        39132575        .       -
        1       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39134647        39134750        .       -
        0       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39136499        39136631        .       -
        1       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39137447        39137491        .       -
        1       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39141762        39141861        .       -
        2       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39141939        39142064        .       -
        2       Parent=Smp_083990.1
SM_V9_3 iris    CDS     39142098        39142340        .       -
        2       Parent=Smp_083990.1
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SM_V9_3 iris    CDS     39142378        39142591        .       -
        0       Parent=Smp_083990.1
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        .       ID=Smp_326650;geneID=Smp_326650
SM_V9_3 Liftoff mRNA    39164263        39164842        .       -
        .
ID=Smp_326650.1;Parent=Smp_326650;geneID=Smp_326650;product=Aspartyl
/glutamyl-tRNA(Asn/Gln) amidotransferase subunit B
SM_V9_3 Liftoff exon    39164263        39164452        .       -
        .       Parent=Smp_326650.1
SM_V9_3 Liftoff exon    39164739        39164842        .       -
        .       Parent=Smp_326650.1
SM_V9_3 Liftoff CDS     39164334        39164452        .       -
        2       Parent=Smp_326650.1
SM_V9_3 Liftoff CDS     39164739        39164775        .       -
        0       Parent=Smp_326650.1
SM_V9_3 Liftoff gene    39192800        39221485        .       -
        .       ID=Smp_083980;geneID=Smp_083980
SM_V9_3 Liftoff mRNA    39192800        39221485        .       -
        .
ID=Smp_083980.1;Parent=Smp_083980;geneID=Smp_083980;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_3 Liftoff exon    39192800        39194248        .       -
        .       Parent=Smp_083980.1
SM_V9_3 Liftoff exon    39220585        39221485        .       -
        .       Parent=Smp_083980.1
SM_V9_3 Liftoff CDS     39192842        39194248        .       -
        0       Parent=Smp_083980.1
SM_V9_3 Liftoff CDS     39220585        39221430        .       -
        0       Parent=Smp_083980.1
SM_V9_3 Liftoff gene    39234355        39237544        .       -
        .       ID=Smp_083970;geneID=Smp_083970
SM_V9_3 Liftoff mRNA    39234355        39237544        .       -
        .
ID=Smp_083970.1;Parent=Smp_083970;geneID=Smp_083970;product=ER
membrane protein complex subunit 10
SM_V9_3 Liftoff exon    39234355        39234586        .       -
        .       Parent=Smp_083970.1
SM_V9_3 Liftoff exon    39236791        39236887        .       -
        .       Parent=Smp_083970.1
SM_V9_3 Liftoff exon    39236918        39237102        .       -
        .       Parent=Smp_083970.1
SM_V9_3 Liftoff exon    39237132        39237212        .       -
        .       Parent=Smp_083970.1
SM_V9_3 Liftoff exon    39237243        39237352        .       -
        .       Parent=Smp_083970.1
SM_V9_3 Liftoff exon    39237385        39237430        .       -
        .       Parent=Smp_083970.1
SM_V9_3 Liftoff exon    39237465        39237544        .       -
        .       Parent=Smp_083970.1
SM_V9_3 Liftoff CDS     39234485        39234586        .       -
        0       Parent=Smp_083970.1
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SM_V9_3 Liftoff CDS     39236791        39236887        .       -
        1       Parent=Smp_083970.1
SM_V9_3 Liftoff CDS     39236918        39237102        .       -
        0       Parent=Smp_083970.1
SM_V9_3 Liftoff CDS     39237132        39237212        .       -
        0       Parent=Smp_083970.1
SM_V9_3 Liftoff CDS     39237243        39237352        .       -
        2       Parent=Smp_083970.1
SM_V9_3 Liftoff CDS     39237385        39237430        .       -
        0       Parent=Smp_083970.1
SM_V9_3 Liftoff CDS     39237465        39237506        .       -
        0       Parent=Smp_083970.1
SM_V9_3 iris    gene    39255437        39294893        .       +
        .
ID=Smp_336790;geneID=Smp_336790;gene_name=Smp_336790;owner=irisadmin
@local.host;date_last_modified=2022-11-10;date_creation=2022-11-10
SM_V9_3 iris    mRNA    39255437        39294893        .       +
        .
ID=Smp_336790.1;Parent=Smp_336790;geneID=Smp_336790;gene_name=Smp_33
6790;owner=irisadmin@local.host;orig_id=Smp_336790.1;date_last_modif
ied=2022-11-10;Name=Smp_336790.1;product=Early endosome antigen
1;date_creation=2022-11-10
SM_V9_3 iris    exon    39255437        39255484        .       +
        .
Parent=Smp_336790.1;Name=f00434b9-880e-4937-9ece-34800e21b4de
SM_V9_3 iris    exon    39255516        39255584        .       +
        .
Parent=Smp_336790.1;Name=2438a16d-13dc-4f0e-9a03-36ca57b74843
SM_V9_3 iris    exon    39255586        39255614        .       +
        .       Parent=Smp_336790.1;Name=465e9925-
a662-4e64-84df-5e8e5fb5d998
SM_V9_3 iris    exon    39257719        39257761        .       +
        .       Parent=Smp_336790.1;Name=d0ef3f40-a16b-4b13-94c8-
a3c0120265a4
SM_V9_3 iris    exon    39257800        39257885        .       +
        .
Parent=Smp_336790.1;Name=754919d1-7326-433f-9dae-057dad03b5c2
SM_V9_3 iris    exon    39258947        39259005        .       +
        .       Parent=Smp_336790.1;Name=cde9c252-b4d2-4c8e-bd95-
f9cd38f5b9c2
SM_V9_3 iris    exon    39262941        39263019        .       +
        .
Parent=Smp_336790.1;Name=5bacab75-91df-476e-9274-0a16021fd317
SM_V9_3 iris    exon    39267333        39267410        .       +
        .       Parent=Smp_336790.1;Name=6d567929-9ff8-44ff-
ae97-74783f8d277e
SM_V9_3 iris    exon    39267475        39267552        .       +
        .       Parent=Smp_336790.1;Name=2913ace0-92bc-471d-a851-
b19f9b91a8a5
SM_V9_3 iris    exon    39270969        39271079        .       +
        .       Parent=Smp_336790.1;Name=d76606d8-4c6a-4bc6-a0cc-
d3e3971753b4
SM_V9_3 iris    exon    39275835        39276119        .       +
        .       Parent=Smp_336790.1;Name=62904410-25c3-47c0-bc01-
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a8461706ac70
SM_V9_3 iris    exon    39287041        39287212        .       +
        .       Parent=Smp_336790.1;Name=ecfd25a9-4c5c-409d-a41e-
bfa67ce81854
SM_V9_3 iris    exon    39289527        39289572        .       +
        .
Parent=Smp_336790.1;Name=4df876eb-820a-41e6-9c42-40828b65d2bf
SM_V9_3 iris    exon    39291187        39291307        .       +
        .       Parent=Smp_336790.1;Name=6cd2ae1e-
a219-43eb-9c65-850de40f182f
SM_V9_3 iris    exon    39291359        39291457        .       +
        .       Parent=Smp_336790.1;Name=ff63e1a3-d8dd-4789-8edf-
c2ef4fedfcf9
SM_V9_3 iris    exon    39294310        39294893        .       +
        .       Parent=Smp_336790.1;Name=6c6fff15-5d11-4aa4-
ac9b-7335a4d3243a
SM_V9_3 iris    CDS     39255472        39255484        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39255516        39255584        .       +
        2       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39255586        39255614        .       +
        2       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39257719        39257761        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39257800        39257885        .       +
        2       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39258947        39259005        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39262941        39263019        .       +
        1       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39267333        39267410        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39267475        39267552        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39270969        39271079        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39275835        39276119        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39287041        39287212        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39289527        39289572        .       +
        2       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39291187        39291307        .       +
        1       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39291359        39291457        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    CDS     39294310        39294444        .       +
        0       Parent=Smp_336790.1
SM_V9_3 iris    gene    39302746        39308473        .       +
        .
ID=Smp_246300;geneID=Smp_246300;gene_name=Smp_246300;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    39302746        39308473        .       +
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ied=2022-08-22;Name=Smp_246300.1;product=U3 small nucleolar RNA-
interacting protein 2;date_creation=2022-08-22
SM_V9_3 iris    exon    39302746        39303034        .       +
        .
Parent=Smp_246300.1;Name=1d0d072d-544b-437b-9a90-94a687c0d2b4
SM_V9_3 iris    exon    39303069        39303127        .       +
        .       Parent=Smp_246300.1;Name=1e38d9e3-5fb9-4188-9ddf-
b66d54a4c4eb
SM_V9_3 iris    exon    39303167        39303267        .       +
        .
Parent=Smp_246300.1;Name=a14e0a9d-846b-4b07-96ab-86aa56779945
SM_V9_3 iris    exon    39303296        39303393        .       +
        .       Parent=Smp_246300.1;Name=48583fed-fc16-445e-a3c3-
d7a26376e157
SM_V9_3 iris    exon    39303428        39303554        .       +
        .       Parent=Smp_246300.1;Name=8ac800a8-3c58-47e4-a235-
ceb17eaf7b8a
SM_V9_3 iris    exon    39303589        39303707        .       +
        .
Parent=Smp_246300.1;Name=827a28a0-628f-4e9d-956d-94adccb9e4e2
SM_V9_3 iris    exon    39305165        39305257        .       +
        .       Parent=Smp_246300.1;Name=234dc89a-4dff-4942-8970-
f872aa5a3fc7
SM_V9_3 iris    exon    39305299        39305402        .       +
        .       Parent=Smp_246300.1;Name=d43d4107-5d4f-41a6-
a656-93629c06e145
SM_V9_3 iris    exon    39306591        39306737        .       +
        .
Parent=Smp_246300.1;Name=02d86511-9590-4404-9990-6a68c89bbd24
SM_V9_3 iris    exon    39306830        39306892        .       +
        .
Parent=Smp_246300.1;Name=721c2abb-745e-4a4c-873a-9086f47ec742
SM_V9_3 iris    exon    39306980        39307280        .       +
        .
Parent=Smp_246300.1;Name=ea21710d-7522-415b-9e9b-43bf0f0224b0
SM_V9_3 iris    exon    39308120        39308262        .       +
        .       Parent=Smp_246300.1;Name=894121b3-7867-4fd7-
ad69-8c7de1c4680c
SM_V9_3 iris    exon    39308380        39308473        .       +
        .       Parent=Smp_246300.1;Name=4d3f3909-2407-408e-857f-
a60bd423f15e
SM_V9_3 iris    CDS     39302996        39303034        .       +
        0       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39303069        39303127        .       +
        0       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39303167        39303267        .       +
        1       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39303296        39303393        .       +
        2       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39303428        39303554        .       +
        0       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39303589        39303707        .       +
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        2       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39305165        39305257        .       +
        0       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39305299        39305402        .       +
        0       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39306591        39306737        .       +
        1       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39306830        39306892        .       +
        1       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39306980        39307280        .       +
        1       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39308120        39308262        .       +
        0       Parent=Smp_246300.1
SM_V9_3 iris    CDS     39308380        39308380        .       +
        1       Parent=Smp_246300.1
SM_V9_3 iris    gene    39317404        39384768        .       -
        .
ID=Smp_144350;geneID=Smp_144350;gene_name=Smp_144350;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39317404        39384768        .       -
        .
ID=Smp_144350.1;Parent=Smp_144350;geneID=Smp_144350;gene_name=Smp_14
4350;owner=irisadmin@local.host;orig_id=Smp_144350.2;date_last_modif
ied=2022-07-27;Name=Smp_144350.1;product=Hypothetical
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    39317404        39319751        .       -
        .       Parent=Smp_144350.1;Name=382de94b-d6ac-4151-b93e-
ef4fe451b36e
SM_V9_3 iris    exon    39382985        39384768        .       -
        .       Parent=Smp_144350.1;Name=3af2ae6b-d268-47f0-
b601-23b38d0d7b06
SM_V9_3 iris    CDS     39318600        39319751        .       -
        0       Parent=Smp_144350.1
SM_V9_3 iris    CDS     39382985        39384346        .       -
        0       Parent=Smp_144350.1
SM_V9_3 Liftoff gene    39425503        39428835        .       -
        .       ID=Smp_040710;geneID=Smp_040710
SM_V9_3 Liftoff mRNA    39425503        39428835        .       -
        .
ID=Smp_040710.1;Parent=Smp_040710;geneID=Smp_040710;product=DNA-
directed RNA polymerase II subunit
RPB11;polypeptide_domain=InterPro:IPR008193,IPR009025
Pfam:PF13656;Ontology_term=GO:0003677,GO:0003899,GO:0006351,GO:00469
83
SM_V9_3 Liftoff exon    39425503        39426368        .       -
        .       Parent=Smp_040710.1
SM_V9_3 Liftoff exon    39426407        39426581        .       -
        .       Parent=Smp_040710.1
SM_V9_3 Liftoff exon    39428632        39428721        .       -
        .       Parent=Smp_040710.1
SM_V9_3 Liftoff exon    39428755        39428835        .       -
        .       Parent=Smp_040710.1
SM_V9_3 Liftoff CDS     39426354        39426368        .       -
        0       Parent=Smp_040710.1
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SM_V9_3 Liftoff CDS     39426407        39426581        .       -
        1       Parent=Smp_040710.1
SM_V9_3 Liftoff CDS     39428632        39428721        .       -
        1       Parent=Smp_040710.1
SM_V9_3 Liftoff CDS     39428755        39428807        .       -
        0       Parent=Smp_040710.1
SM_V9_3 Liftoff mRNA    39425503        39428835        .       -
        .
ID=Smp_040710.2;Parent=Smp_040710;geneID=Smp_040710;product=DNA-
directed RNA polymerase II subunit
RPB11;polypeptide_domain=InterPro:IPR009025
Pfam:PF13656;Ontology_term=GO:0006351,GO:0046983
SM_V9_3 Liftoff exon    39425503        39426368        .       -
        .       Parent=Smp_040710.2
SM_V9_3 Liftoff exon    39426407        39426581        .       -
        .       Parent=Smp_040710.2
SM_V9_3 Liftoff exon    39428632        39428835        .       -
        .       Parent=Smp_040710.2
SM_V9_3 Liftoff CDS     39426354        39426368        .       -
        0       Parent=Smp_040710.2
SM_V9_3 Liftoff CDS     39426407        39426581        .       -
        1       Parent=Smp_040710.2
SM_V9_3 Liftoff CDS     39428632        39428642        .       -
        0       Parent=Smp_040710.2
SM_V9_3 iris    gene    39474634        39485209        .       -
        .
ID=Smp_040720;geneID=Smp_040720;gene_name=Smp_040720;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39474634        39485209        .       -
        .
ID=Smp_040720.1;Parent=Smp_040720;geneID=Smp_040720;gene_name=Smp_04
0720;owner=irisadmin@local.host;orig_id=Smp_040720.1;date_last_modif
ied=2022-07-27;Name=Smp_040720.1;product=Uncharacterized membrane
protein YGR149W;date_creation=2022-07-26
SM_V9_3 iris    exon    39474634        39476337        .       -
        .       Parent=Smp_040720.1;Name=2c0e5403-367a-4f93-afe8-
ac303fe3ad75
SM_V9_3 iris    exon    39481106        39481227        .       -
        .
Parent=Smp_040720.1;Name=21529d3d-0967-4dd5-9d99-45c9beb6aaea
SM_V9_3 iris    exon    39483471        39483618        .       -
        .       Parent=Smp_040720.1;Name=ac1bc8a9-eb0b-49e3-8c95-
e6768f7d9d9f
SM_V9_3 iris    exon    39484619        39484780        .       -
        .       Parent=Smp_040720.1;Name=5bb4f8a4-
d37b-4cb9-99a2-368a6bfabaae
SM_V9_3 iris    exon    39484814        39484885        .       -
        .
Parent=Smp_040720.1;Name=0b1f9bd4-20b7-4fc1-83f8-35a0e9531add
SM_V9_3 iris    exon    39484923        39485209        .       -
        .       Parent=Smp_040720.1;Name=8a1f12e3-5c53-4ef7-ac25-
f4c669979ccc
SM_V9_3 iris    CDS     39475908        39476337        .       -
        1       Parent=Smp_040720.1
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SM_V9_3 iris    CDS     39481106        39481227        .       -
        0       Parent=Smp_040720.1
SM_V9_3 iris    CDS     39483471        39483618        .       -
        1       Parent=Smp_040720.1
SM_V9_3 iris    CDS     39484619        39484780        .       -
        1       Parent=Smp_040720.1
SM_V9_3 iris    CDS     39484814        39484885        .       -
        1       Parent=Smp_040720.1
SM_V9_3 iris    CDS     39484923        39485080        .       -
        0       Parent=Smp_040720.1
SM_V9_3 iris    gene    39492375        39506515        .       +
        .
ID=Smp_144360;geneID=Smp_144360;gene_name=Smp_144360;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39492375        39506515        .       +
        .
ID=Smp_144360.1;Parent=Smp_144360;geneID=Smp_144360;gene_name=Smp_14
4360;owner=irisadmin@local.host;orig_id=Smp_144360.1;date_last_modif
ied=2022-07-27;Name=Smp_144360.1;product=Proteolipid protein DM
alpha;date_creation=2022-07-26
SM_V9_3 iris    exon    39492375        39492442        .       +
        .       Parent=Smp_144360.1;Name=d24c2ab1-e4dc-455c-b518-
fed20ac70450
SM_V9_3 iris    exon    39494766        39494916        .       +
        .       Parent=Smp_144360.1;Name=d4b11802-a3eb-48e5-
b945-250dcd9adbc2
SM_V9_3 iris    exon    39496234        39496393        .       +
        .       Parent=Smp_144360.1;Name=9776de8d-a284-4ed2-
bc9f-75143c5b1c18
SM_V9_3 iris    exon    39497924        39498320        .       +
        .       Parent=Smp_144360.1;Name=cefb75f4-b240-407d-
acb2-565510deedb8
SM_V9_3 iris    exon    39502542        39502633        .       +
        .       Parent=Smp_144360.1;Name=995b61b8-8046-47a7-8396-
ed9f07966911
SM_V9_3 iris    exon    39503736        39503801        .       +
        .
Parent=Smp_144360.1;Name=3a96fb70-71c1-4da0-8a36-2e172379ee64
SM_V9_3 iris    exon    39504727        39506515        .       +
        .       Parent=Smp_144360.1;Name=8d2ff342-71e3-44da-
b430-3d7d04e11de9
SM_V9_3 iris    CDS     39492439        39492442        .       +
        0       Parent=Smp_144360.1
SM_V9_3 iris    CDS     39494766        39494916        .       +
        2       Parent=Smp_144360.1
SM_V9_3 iris    CDS     39496234        39496393        .       +
        1       Parent=Smp_144360.1
SM_V9_3 iris    CDS     39497924        39498320        .       +
        0       Parent=Smp_144360.1
SM_V9_3 iris    CDS     39502542        39502633        .       +
        2       Parent=Smp_144360.1
SM_V9_3 iris    CDS     39503736        39503801        .       +
        0       Parent=Smp_144360.1
SM_V9_3 iris    CDS     39504727        39504852        .       +
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        0       Parent=Smp_144360.1
SM_V9_3 iris    gene    39512228        39571002        .       -
        .
ID=Smp_144370;geneID=Smp_144370;gene_name=Smp_144370;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39512228        39571002        .       -
        .
ID=Smp_144370.1;Parent=Smp_144370;geneID=Smp_144370;gene_name=Smp_14
4370;owner=irisadmin@local.host;orig_id=Smp_144370.1;date_last_modif
ied=2022-07-27;Name=Smp_144370.1;product=Leucine-rich repeat-
containing protein 71;date_creation=2022-07-26
SM_V9_3 iris    exon    39512228        39512464        .       -
        .       Parent=Smp_144370.1;Name=a042a7ad-0b18-4b01-
a81b-31c1414aec80
SM_V9_3 iris    exon    39515454        39515578        .       -
        .       Parent=Smp_144370.1;Name=1ee821f6-6583-4a03-be64-
b59e725ead3c
SM_V9_3 iris    exon    39520923        39521037        .       -
        .
Parent=Smp_144370.1;Name=b415fd89-4a81-4ff1-9af5-3993d052dc9f
SM_V9_3 iris    exon    39525447        39525538        .       -
        .       Parent=Smp_144370.1;Name=edcdc00f-28a1-4a9f-
aa5a-6156485c0991
SM_V9_3 iris    exon    39532374        39532449        .       -
        .       Parent=Smp_144370.1;Name=a253c4da-c0a7-4a04-
be76-77154e9c0f24
SM_V9_3 iris    exon    39540392        39540514        .       -
        .       Parent=Smp_144370.1;Name=8d190aef-17b2-4171-
a684-13eea765aafa
SM_V9_3 iris    exon    39550944        39551039        .       -
        .       Parent=Smp_144370.1;Name=a4329169-e1b0-43cd-
b49f-06aba269e255
SM_V9_3 iris    exon    39552876        39552959        .       -
        .       Parent=Smp_144370.1;Name=c658d05c-859d-4cef-87e0-
d48763921854
SM_V9_3 iris    exon    39559341        39559500        .       -
        .       Parent=Smp_144370.1;Name=98f69c40-9ffe-4cce-
b187-9c19578ce153
SM_V9_3 iris    exon    39562456        39562527        .       -
        .       Parent=Smp_144370.1;Name=5c896be1-2a30-4a58-a41f-
d89978a2fea9
SM_V9_3 iris    exon    39565364        39565438        .       -
        .       Parent=Smp_144370.1;Name=df895587-5e8f-4a45-ba51-
c4d7abbbd4bd
SM_V9_3 iris    exon    39568284        39568359        .       -
        .       Parent=Smp_144370.1;Name=70a986cc-
d615-4fab-9463-7cd6a034964a
SM_V9_3 iris    exon    39568409        39568543        .       -
        .
Parent=Smp_144370.1;Name=f33a4a94-4e97-45d3-814e-5df9ee0a0d67
SM_V9_3 iris    exon    39570575        39570662        .       -
        .       Parent=Smp_144370.1;Name=0b69e842-e9ad-4717-9fe5-
cde0f9586750
SM_V9_3 iris    exon    39570705        39570823        .       -
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        .       Parent=Smp_144370.1;Name=ef793f84-89cf-4ee0-a529-
a1e3ee2ebeff
SM_V9_3 iris    exon    39570859        39571002        .       -
        .
Parent=Smp_144370.1;Name=8ee4ee07-6e43-49ec-8a6a-08efffabe19f
SM_V9_3 iris    CDS     39512327        39512464        .       -
        0       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39515454        39515578        .       -
        2       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39520923        39521037        .       -
        0       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39525447        39525538        .       -
        2       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39532374        39532449        .       -
        0       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39540392        39540514        .       -
        0       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39550944        39551039        .       -
        0       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39552876        39552959        .       -
        0       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39559341        39559500        .       -
        1       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39562456        39562527        .       -
        1       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39565364        39565438        .       -
        1       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39568284        39568359        .       -
        2       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39568409        39568543        .       -
        2       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39570575        39570662        .       -
        0       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39570705        39570823        .       -
        2       Parent=Smp_144370.1
SM_V9_3 iris    CDS     39570859        39570925        .       -
        0       Parent=Smp_144370.1
SM_V9_3 Liftoff gene    39598838        39633341        .       +
        .       ID=Smp_144380;geneID=Smp_144380
SM_V9_3 Liftoff mRNA    39598838        39633341        .       +
        .
ID=Smp_144380.1;Parent=Smp_144380;geneID=Smp_144380;product=Homeobox
protein H17
(Fragment);polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    39598838        39599719        .       +
        .       Parent=Smp_144380.1
SM_V9_3 Liftoff exon    39608162        39608293        .       +
        .       Parent=Smp_144380.1
SM_V9_3 Liftoff exon    39618277        39619530        .       +
        .       Parent=Smp_144380.1
SM_V9_3 Liftoff exon    39631725        39633341        .       +
        .       Parent=Smp_144380.1
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SM_V9_3 Liftoff CDS     39598900        39599719        .       +
        0       Parent=Smp_144380.1
SM_V9_3 Liftoff CDS     39608162        39608293        .       +
        2       Parent=Smp_144380.1
SM_V9_3 Liftoff CDS     39618277        39619530        .       +
        2       Parent=Smp_144380.1
SM_V9_3 Liftoff CDS     39631725        39632533        .       +
        2       Parent=Smp_144380.1
SM_V9_3 iris    gene    39655448        39692692        .       +
        .
ID=Smp_040770;geneID=Smp_040770;gene_name=Smp_040770;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39655448        39692692        .       +
        .
ID=Smp_040770.1;Parent=Smp_040770;geneID=Smp_040770;gene_name=Smp_04
0770;owner=irisadmin@local.host;orig_id=Smp_040770.1;date_last_modif
ied=2022-07-27;Name=Smp_040770.1;product=Methionine--tRNA ligase,
cytoplasmic;date_creation=2022-07-26
SM_V9_3 iris    exon    39655448        39655505        .       +
        .       Parent=Smp_040770.1;Name=17dce525-04cb-412f-
bb9b-58b760116763
SM_V9_3 iris    exon    39662414        39662596        .       +
        .       Parent=Smp_040770.1;Name=642d592f-7bc5-448f-8467-
a858ebe60199
SM_V9_3 iris    exon    39664799        39665128        .       +
        .
Parent=Smp_040770.1;Name=8579c0b0-6fd5-4435-9d5e-0051d9e052ab
SM_V9_3 iris    exon    39670061        39670150        .       +
        .       Parent=Smp_040770.1;Name=d46ac2b1-6e99-43e6-
bd93-5472ce95f32c
SM_V9_3 iris    exon    39678180        39678366        .       +
        .       Parent=Smp_040770.1;Name=64c0a032-3f47-4a39-
bc99-5625ff1b1cb8
SM_V9_3 iris    exon    39678956        39679132        .       +
        .       Parent=Smp_040770.1;Name=98366c8a-
cdd9-45a3-8e38-1401161314d5
SM_V9_3 iris    exon    39680773        39680992        .       +
        .       Parent=Smp_040770.1;Name=0931fda4-
d436-4d5f-9d24-3790180d23a5
SM_V9_3 iris    exon    39682858        39682991        .       +
        .       Parent=Smp_040770.1;Name=44eadfe9-
b3ff-4717-9a08-0a1c330d30db
SM_V9_3 iris    exon    39687565        39687644        .       +
        .       Parent=Smp_040770.1;Name=3172b308-9d94-434d-b511-
ba000572cb13
SM_V9_3 iris    exon    39689497        39689733        .       +
        .       Parent=Smp_040770.1;Name=eb9a66c4-3970-4b6f-9287-
e2e0a378eb52
SM_V9_3 iris    exon    39691766        39691970        .       +
        .       Parent=Smp_040770.1;Name=8e6fd328-ef72-44c2-aed6-
f77f0ab7a31a
SM_V9_3 iris    exon    39692456        39692692        .       +
        .       Parent=Smp_040770.1;Name=2c352364-27c4-4ba4-9f81-
f3319e2af160
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SM_V9_3 iris    CDS     39662481        39662596        .       +
        0       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39664799        39665128        .       +
        1       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39670061        39670150        .       +
        1       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39678180        39678366        .       +
        1       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39678956        39679132        .       +
        0       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39680773        39680992        .       +
        0       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39682858        39682991        .       +
        2       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39687565        39687644        .       +
        0       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39689497        39689733        .       +
        1       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39691766        39691970        .       +
        1       Parent=Smp_040770.1
SM_V9_3 iris    CDS     39692456        39692563        .       +
        0       Parent=Smp_040770.1
SM_V9_3 Liftoff gene    39711888        39712824        .       +
        .       ID=Smp_040790;geneID=Smp_040790
SM_V9_3 Liftoff mRNA    39711888        39712824        .       +
        .
ID=Smp_040790.1;Parent=Smp_040790;geneID=Smp_040790;product=peptidyl
prolyl cis trans isomerase B;evidence=Traceable Author
Statement;literature=PMID:8720179;polypeptide_domain=InterPro:IPR002
130,IPR020892,IPR024936,IPR029000
Pfam:PF00160;Ontology_term=GO:0000413,GO:0003755,GO:0006457
SM_V9_3 Liftoff exon    39711888        39712042        .       +
        .       Parent=Smp_040790.1
SM_V9_3 Liftoff exon    39712079        39712198        .       +
        .       Parent=Smp_040790.1
SM_V9_3 Liftoff exon    39712238        39712340        .       +
        .       Parent=Smp_040790.1
SM_V9_3 Liftoff exon    39712370        39712456        .       +
        .       Parent=Smp_040790.1
SM_V9_3 Liftoff exon    39712489        39712586        .       +
        .       Parent=Smp_040790.1
SM_V9_3 Liftoff exon    39712621        39712824        .       +
        .       Parent=Smp_040790.1
SM_V9_3 Liftoff CDS     39711944        39712042        .       +
        0       Parent=Smp_040790.1
SM_V9_3 Liftoff CDS     39712079        39712198        .       +
        0       Parent=Smp_040790.1
SM_V9_3 Liftoff CDS     39712238        39712340        .       +
        0       Parent=Smp_040790.1
SM_V9_3 Liftoff CDS     39712370        39712456        .       +
        2       Parent=Smp_040790.1
SM_V9_3 Liftoff CDS     39712489        39712586        .       +
        2       Parent=Smp_040790.1
SM_V9_3 Liftoff CDS     39712621        39712755        .       +
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        0       Parent=Smp_040790.1
SM_V9_3 iris    gene    39714374        39745772        .       -
        .
ID=Smp_040800;geneID=Smp_040800;gene_name=Smp_040800;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39714374        39745772        .       -
        .
ID=Smp_040800.1;Parent=Smp_040800;geneID=Smp_040800;gene_name=Smp_04
0800;owner=irisadmin@local.host;orig_id=Smp_040800.1;date_last_modif
ied=2022-07-27;Name=Smp_040800.1;product=Glycine--tRNA
ligase;date_creation=2022-07-26
SM_V9_3 iris    exon    39714374        39716410        .       -
        .
Parent=Smp_040800.1;Name=03174113-09f7-441c-9052-8a6f5a7113c2
SM_V9_3 iris    exon    39722707        39722806        .       -
        .       Parent=Smp_040800.1;Name=c53f972d-1ee9-4074-b569-
fca74d549f34
SM_V9_3 iris    exon    39727392        39727582        .       -
        .
Parent=Smp_040800.1;Name=b4e41480-4935-470e-8da3-5683373ac50d
SM_V9_3 iris    exon    39729570        39729663        .       -
        .       Parent=Smp_040800.1;Name=b73e422e-9ea2-4d07-b010-
b677d46ab066
SM_V9_3 iris    exon    39734344        39734453        .       -
        .       Parent=Smp_040800.1;Name=1b767acf-16e1-4354-
a500-114f7d7f0a2d
SM_V9_3 iris    exon    39735669        39735754        .       -
        .       Parent=Smp_040800.1;Name=ee6e481e-5bd1-4a78-
a6bd-2ee5e7aabfd1
SM_V9_3 iris    exon    39738044        39738189        .       -
        .       Parent=Smp_040800.1;Name=5d37f682-5035-4a0f-aa15-
ce9800087bef
SM_V9_3 iris    exon    39738572        39738844        .       -
        .
Parent=Smp_040800.1;Name=8dd88b05-6bb6-49cc-86f7-788874485510
SM_V9_3 iris    exon    39741462        39741774        .       -
        .       Parent=Smp_040800.1;Name=528cc988-1632-485a-b9a1-
a90789708057
SM_V9_3 iris    exon    39743206        39743351        .       -
        .
Parent=Smp_040800.1;Name=dac919d3-1875-46a4-9a84-619eac55e0f7
SM_V9_3 iris    exon    39744928        39745235        .       -
        .       Parent=Smp_040800.1;Name=89c9bdd8-0414-4d25-
bed9-521fa9e0633d
SM_V9_3 iris    exon    39745327        39745429        .       -
        .       Parent=Smp_040800.1;Name=6acfa00b-
b54d-4f08-9c9d-868927c19997
SM_V9_3 iris    exon    39745463        39745564        .       -
        .       Parent=Smp_040800.1;Name=abf17396-e454-4585-
b44f-3e41bb4188e6
SM_V9_3 iris    exon    39745598        39745772        .       -
        .       Parent=Smp_040800.1;Name=f6fb455d-ade8-4937-9996-
ebebbe8c5f76
SM_V9_3 iris    CDS     39714597        39716410        .       -
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        2       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39722707        39722806        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39727392        39727582        .       -
        2       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39729570        39729663        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39734344        39734453        .       -
        2       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39735669        39735754        .       -
        1       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39738044        39738189        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39738572        39738844        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39741462        39741774        .       -
        1       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39743206        39743351        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39744928        39745235        .       -
        2       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39745327        39745429        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39745463        39745564        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    CDS     39745598        39745648        .       -
        0       Parent=Smp_040800.1
SM_V9_3 iris    gene    39857071        39883204        .       -
        .
ID=Smp_144390;geneID=Smp_144390;gene_name=Smp_144390;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39857071        39883204        .       -
        .
ID=Smp_144390.1;Parent=Smp_144390;geneID=Smp_144390;gene_name=Smp_14
4390;owner=irisadmin@local.host;orig_id=Smp_144390.1;date_last_modif
ied=2022-07-27;Name=Smp_144390.1;product=Activin receptor
type-2B;date_creation=2022-07-26
SM_V9_3 iris    exon    39857071        39858860        .       -
        .       Parent=Smp_144390.1;Name=424e2b05-5e2b-423a-
a871-90809370c1f1
SM_V9_3 iris    exon    39859806        39860270        .       -
        .       Parent=Smp_144390.1;Name=8fcebcbf-9421-469e-aa5e-
e6f3a1c697da
SM_V9_3 iris    exon    39862631        39863050        .       -
        .       Parent=Smp_144390.1;Name=b10aa034-875a-4a8b-8e66-
a2e2d3767238
SM_V9_3 iris    exon    39867332        39867857        .       -
        .       Parent=Smp_144390.1;Name=77ac5337-55f3-453d-9af5-
d31ee591f997
SM_V9_3 iris    exon    39871934        39872292        .       -
        .
Parent=Smp_144390.1;Name=89d9a40d-6cb2-4759-8be5-0d210c2a3fdb
SM_V9_3 iris    exon    39875039        39875622        .       -
        .       Parent=Smp_144390.1;Name=1541f6be-4f26-4952-9eea-
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a3b7df7308c2
SM_V9_3 iris    exon    39877653        39877791        .       -
        .       Parent=Smp_144390.1;Name=68c34570-e4ee-45ca-
a2c6-8b1d43aed7bc
SM_V9_3 iris    exon    39877839        39878059        .       -
        .       Parent=Smp_144390.1;Name=022f9ce6-6755-4cb8-
acf1-933e3304d7a7
SM_V9_3 iris    exon    39878099        39878250        .       -
        .       Parent=Smp_144390.1;Name=7415a94a-
b8b0-4111-80be-17c7ecd0a065
SM_V9_3 iris    exon    39883082        39883204        .       -
        .       Parent=Smp_144390.1;Name=0d57cd37-4033-406e-83e4-
e311bf468847
SM_V9_3 iris    CDS     39858726        39858860        .       -
        0       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39859806        39860270        .       -
        0       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39862631        39863050        .       -
        0       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39867332        39867857        .       -
        1       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39871934        39872292        .       -
        0       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39875039        39875622        .       -
        2       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39877653        39877791        .       -
        0       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39877839        39878059        .       -
        2       Parent=Smp_144390.1
SM_V9_3 iris    CDS     39878099        39878129        .       -
        0       Parent=Smp_144390.1
SM_V9_3 iris    gene    39888659        39889550        .       +
        .
ID=Smp_185420;geneID=Smp_185420;gene_name=Smp_185420;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    39888659        39889550        .       +
        .
ID=Smp_185420.1;Parent=Smp_185420;geneID=Smp_185420;gene_name=Smp_18
5420;owner=irisadmin@local.host;orig_id=Smp_185420.1;date_last_modif
ied=2022-08-22;Name=Smp_185420.1;product=Queuine tRNA-
ribosyltransferase;date_creation=2022-08-22
SM_V9_3 iris    exon    39888659        39889550        .       +
        .       Parent=Smp_185420.1;Name=fd7739c2-e03a-4643-b3a5-
cf5bb49c5e3c
SM_V9_3 iris    CDS     39888659        39889471        .       +
        0       Parent=Smp_185420.1
SM_V9_3 iris    gene    39897064        39947648        .       -
        .
ID=Smp_196090;geneID=Smp_196090;gene_name=Smp_196090;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    39897064        39947648        .       -
        .
ID=Smp_196090.1;Parent=Smp_196090;geneID=Smp_196090;gene_name=Smp_19
6090;owner=irisadmin@local.host;orig_id=Smp_196090.1;date_last_modif
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ied=2022-07-27;Name=Smp_196090.1;product=Kinase D-interacting
substrate of 220 kDa;date_creation=2022-07-26
SM_V9_3 iris    exon    39897064        39899705        .       -
        .
Parent=Smp_196090.1;Name=9e147e17-478a-43d8-89d8-77c414b9e367
SM_V9_3 iris    exon    39900868        39901010        .       -
        .       Parent=Smp_196090.1;Name=2a8b6bac-3a2c-4578-8d33-
f697b5fda656
SM_V9_3 iris    exon    39904290        39904340        .       -
        .       Parent=Smp_196090.1;Name=ad5920c2-a742-4821-
b2b0-0c67602ec8a2
SM_V9_3 iris    exon    39905546        39905883        .       -
        .
Parent=Smp_196090.1;Name=1413d012-08e6-4f39-90ca-549c98f0dcc0
SM_V9_3 iris    exon    39916632        39916992        .       -
        .       Parent=Smp_196090.1;Name=74200b78-44fa-405e-a786-
b14a82e08188
SM_V9_3 iris    exon    39918037        39918160        .       -
        .
Parent=Smp_196090.1;Name=3aa9a761-180d-4380-85da-972e8d3b5b87
SM_V9_3 iris    exon    39919336        39920465        .       -
        .       Parent=Smp_196090.1;Name=b703030f-c500-4df6-9092-
fd9eff661b7f
SM_V9_3 iris    exon    39925038        39925502        .       -
        .       Parent=Smp_196090.1;Name=4d2dac73-4d05-4462-
b0d0-2f777a992e8c
SM_V9_3 iris    exon    39927730        39927875        .       -
        .       Parent=Smp_196090.1;Name=ece348cb-ca6f-40a2-aa4e-
a50435e682f5
SM_V9_3 iris    exon    39930550        39930700        .       -
        .
Parent=Smp_196090.1;Name=22e5f4f0-9d29-46b4-82e7-3c0752a1b8ea
SM_V9_3 iris    exon    39934603        39934794        .       -
        .
Parent=Smp_196090.1;Name=d70081f9-04a8-4359-8da6-33d9c1e8610b
SM_V9_3 iris    exon    39936873        39937175        .       -
        .       Parent=Smp_196090.1;Name=137ad98e-91fc-433a-a692-
cb5a759e26d5
SM_V9_3 iris    exon    39938790        39939430        .       -
        .
Parent=Smp_196090.1;Name=b2bcb5e6-9d75-4869-988a-549a2f962987
SM_V9_3 iris    exon    39947375        39947648        .       -
        .
Parent=Smp_196090.1;Name=0dd9abd8-8ffd-41d5-8db2-9c899ec3a797
SM_V9_3 iris    CDS     39897600        39899705        .       -
        0       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39900868        39901010        .       -
        2       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39904290        39904340        .       -
        2       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39905546        39905883        .       -
        1       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39916632        39916992        .       -
        2       Parent=Smp_196090.1
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SM_V9_3 iris    CDS     39918037        39918160        .       -
        0       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39919336        39920465        .       -
        2       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39925038        39925502        .       -
        2       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39927730        39927875        .       -
        1       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39930550        39930700        .       -
        2       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39934603        39934794        .       -
        2       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39936873        39937175        .       -
        2       Parent=Smp_196090.1
SM_V9_3 iris    CDS     39938790        39939408        .       -
        0       Parent=Smp_196090.1
SM_V9_3 Liftoff gene    40001211        40001366        .       +
        .       ID=Smp_205170;geneID=Smp_205170
SM_V9_3 Liftoff mRNA    40001211        40001366        .       +
        .
ID=Smp_205170.1;Parent=Smp_205170;geneID=Smp_205170;product=Phosphog
lucosamine mutase
SM_V9_3 Liftoff exon    40001211        40001366        .       +
        .       Parent=Smp_205170.1
SM_V9_3 Liftoff CDS     40001211        40001366        .       +
        0       Parent=Smp_205170.1
SM_V9_3 iris    gene    40005987        40071291        .       +
        .
ID=Smp_144430;geneID=Smp_144430;gene_name=Smp_144430;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    40005987        40071291        .       +
        .
ID=Smp_144430.1;Parent=Smp_144430;geneID=Smp_144430;gene_name=Smp_14
4430;owner=irisadmin@local.host;orig_id=Smp_144430.1;date_last_modif
ied=2022-07-27;Name=Smp_144430.1;product=Formin-like protein
CG32138;date_creation=2022-07-26
SM_V9_3 iris    exon    40005987        40006039        .       +
        .       Parent=Smp_144430.1;Name=4e820ccf-deaa-483f-
aa3b-230be8a2f637
SM_V9_3 iris    exon    40007754        40007944        .       +
        .
Parent=Smp_144430.1;Name=e2499b28-4ebe-4ac0-9714-82609d4929a7
SM_V9_3 iris    exon    40007985        40008068        .       +
        .       Parent=Smp_144430.1;Name=1515169c-e2cc-48a6-
b21d-7554feb7eac7
SM_V9_3 iris    exon    40008106        40008185        .       +
        .       Parent=Smp_144430.1;Name=5041933d-2f26-4652-
a438-9fd91eca4031
SM_V9_3 iris    exon    40008232        40008312        .       +
        .       Parent=Smp_144430.1;Name=8f633f6f-
a98c-46f3-982b-690b5dbc88a0
SM_V9_3 iris    exon    40008356        40008388        .       +
        .       Parent=Smp_144430.1;Name=8908fcae-
ce64-49df-9448-96c1cf0da57d
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SM_V9_3 iris    exon    40009795        40010068        .       +
       .
Parent=Smp_144430.1;Name=fc223077-1376-4f02-910b-6bb841666e5d
SM_V9_3 iris    exon    40010846        40010922        .       +
       .       Parent=Smp_144430.1;Name=84369476-
b1f0-41d8-9e35-8101723264e9
SM_V9_3 iris    exon    40012223        40012406        .       +
       .       Parent=Smp_144430.1;Name=f54fe4c0-
c70b-4582-8a22-3308b81baaa7
SM_V9_3 iris    exon    40022475        40022585        .       +
       .
Parent=Smp_144430.1;Name=2fa02e64-2928-45a3-988b-88e94009ad32
SM_V9_3 iris    exon    40028381        40028632        .       +
       .
Parent=Smp_144430.1;Name=966f0f50-905a-448d-8adf-489b1d8ffc73
SM_V9_3 iris    exon    40032790        40033150        .       +
       .
Parent=Smp_144430.1;Name=4cf48d61-1a17-4877-9098-53411d0bb1f8
SM_V9_3 iris    exon    40035002        40035293        .       +
       .
Parent=Smp_144430.1;Name=a302a1a8-2870-4e20-906e-2cab44de00ea
SM_V9_3 iris    exon    40042531        40042834        .       +
       .       Parent=Smp_144430.1;Name=a776bb54-
fe65-47b2-9601-21dc87c54742
SM_V9_3 iris    exon    40046874        40047023        .       +
       .       Parent=Smp_144430.1;Name=4d02b41f-4073-4248-
b154-5596329af250
SM_V9_3 iris    exon    40050237        40050366        .       +
       .       Parent=Smp_144430.1;Name=6283ed4e-4dd4-4469-
b040-40cc13783bbc
SM_V9_3 iris    exon    40053120        40053394        .       +
       .       Parent=Smp_144430.1;Name=711606f5-
a569-4697-980b-79f2060a5e5e
SM_V9_3 iris    exon    40054779        40054916        .       +
       .       Parent=Smp_144430.1;Name=adf12a07-c446-4474-
bec0-88dbfb13a57e
SM_V9_3 iris    exon    40057829        40057852        .       +
       .       Parent=Smp_144430.1;Name=1761b06d-5c8c-4e70-9585-
d075470d7a70
SM_V9_3 iris    exon    40065205        40065301        .       +
       .       Parent=Smp_144430.1;Name=f100f849-8c7e-4093-
a6f9-6688a31a39d2
SM_V9_3 iris    exon    40069504        40071291        .       +
       .       Parent=Smp_144430.1;Name=79889faf-3800-4865-abb6-
a7bdb0831661
SM_V9_3 iris    CDS     40007810        40007944        .       +
       0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40007985        40008068        .       +
       0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40008106        40008185        .       +
       0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40008232        40008312        .       +
       1       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40008356        40008388        .       +
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SM_V9_3 iris    CDS     40022475        40022585        .       +
        0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40028381        40028632        .       +
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SM_V9_3 iris    CDS     40032790        40033150        .       +
        0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40035002        40035293        .       +
        2       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40042531        40042834        .       +
        1       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40046874        40047023        .       +
        0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40050237        40050366        .       +
        0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40053120        40053394        .       +
        2       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40054779        40054916        .       +
        0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40057829        40057852        .       +
        0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40065205        40065301        .       +
        0       Parent=Smp_144430.1
SM_V9_3 iris    CDS     40069504        40069574        .       +
        2       Parent=Smp_144430.1
SM_V9_3 Liftoff gene    40075350        40077013        .       -
        .       ID=Smp_144440;geneID=Smp_144440
SM_V9_3 Liftoff mRNA    40075350        40077013        .       -
        .
ID=Smp_144440.1;Parent=Smp_144440;geneID=Smp_144440;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    40075350        40077013        .       -
        .       Parent=Smp_144440.1
SM_V9_3 Liftoff CDS     40075550        40076860        .       -
        0       Parent=Smp_144440.1
SM_V9_3 Liftoff gene    40108357        40144985        .       +
        .       ID=Smp_144450;geneID=Smp_144450
SM_V9_3 Liftoff mRNA    40108357        40144985        .       +
        .
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complementation
factor;polypeptide_domain=InterPro:IPR000504,IPR006535
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    40108357        40109370        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40109806        40109989        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40121372        40121681        .       +
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        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40123513        40123606        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40128265        40128297        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40131251        40131292        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40131821        40131934        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40137210        40137339        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff exon    40142458        40144985        .       +
        .       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40108540        40109370        .       +
        0       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40109806        40109989        .       +
        0       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40121372        40121681        .       +
        2       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40123513        40123606        .       +
        1       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40128265        40128297        .       +
        0       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40131251        40131292        .       +
        0       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40131821        40131934        .       +
        0       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40137210        40137339        .       +
        0       Parent=Smp_144450.1
SM_V9_3 Liftoff CDS     40142458        40143245        .       +
        2       Parent=Smp_144450.1
SM_V9_3 Liftoff mRNA    40108357        40144985        .       +
        .
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complementation
factor;polypeptide_domain=InterPro:IPR000504,IPR006535
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    40108357        40109370        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff exon    40109806        40109989        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff exon    40121372        40121681        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff exon    40123513        40123606        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff exon    40131251        40131292        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff exon    40131821        40131934        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff exon    40137210        40137339        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff exon    40142458        40144985        .       +
        .       Parent=Smp_144450.2
SM_V9_3 Liftoff CDS     40108540        40109370        .       +
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SM_V9_3 Liftoff CDS     40109806        40109989        .       +
        0       Parent=Smp_144450.2
SM_V9_3 Liftoff CDS     40121372        40121681        .       +
        2       Parent=Smp_144450.2
SM_V9_3 Liftoff CDS     40123513        40123606        .       +
        1       Parent=Smp_144450.2
SM_V9_3 Liftoff CDS     40131251        40131292        .       +
        0       Parent=Smp_144450.2
SM_V9_3 Liftoff CDS     40131821        40131934        .       +
        0       Parent=Smp_144450.2
SM_V9_3 Liftoff CDS     40137210        40137339        .       +
        0       Parent=Smp_144450.2
SM_V9_3 Liftoff CDS     40142458        40143245        .       +
        2       Parent=Smp_144450.2
SM_V9_3 Liftoff gene    40164047        40179608        .       +
        .       ID=Smp_190940;geneID=Smp_190940
SM_V9_3 Liftoff mRNA    40164047        40179608        .       +
        .
ID=Smp_190940.1;Parent=Smp_190940;geneID=Smp_190940;product=Teneurin
-4
SM_V9_3 Liftoff exon    40164047        40170408        .       +
        .       Parent=Smp_190940.1
SM_V9_3 Liftoff exon    40171560        40171688        .       +
        .       Parent=Smp_190940.1
SM_V9_3 Liftoff exon    40172967        40173094        .       +
        .       Parent=Smp_190940.1
SM_V9_3 Liftoff exon    40176097        40176328        .       +
        .       Parent=Smp_190940.1
SM_V9_3 Liftoff exon    40178299        40178445        .       +
        .       Parent=Smp_190940.1
SM_V9_3 Liftoff exon    40179268        40179608        .       +
        .       Parent=Smp_190940.1
SM_V9_3 Liftoff CDS     40170354        40170408        .       +
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SM_V9_3 Liftoff CDS     40171560        40171688        .       +
        2       Parent=Smp_190940.1
SM_V9_3 Liftoff CDS     40172967        40173094        .       +
        2       Parent=Smp_190940.1
SM_V9_3 Liftoff CDS     40176097        40176328        .       +
        0       Parent=Smp_190940.1
SM_V9_3 Liftoff CDS     40178299        40178445        .       +
        2       Parent=Smp_190940.1
SM_V9_3 Liftoff CDS     40179268        40179398        .       +
        2       Parent=Smp_190940.1
SM_V9_3 iris    gene    40182092        40195708        .       -
        .
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@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_3 iris    mRNA    40182092        40195708        .       -
        .
ID=Smp_172030.1;Parent=Smp_172030;geneID=Smp_172030;gene_name=Smp_17
2030;owner=irisadmin@local.host;orig_id=Smp_172030.1;date_last_modif
ied=2022-08-21;Name=Smp_172030.1;product=ATP-dependent RNA helicase
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abstrakt;date_creation=2022-08-21
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SM_V9_3 iris    exon    40184141        40184387        .       -
        .       Parent=Smp_172030.1;Name=402dd870-ac8e-453e-
b44e-53ca6774106a
SM_V9_3 iris    exon    40185766        40185969        .       -
        .       Parent=Smp_172030.1;Name=c55301ea-91d6-4790-
a7cd-13595c9f3482
SM_V9_3 iris    exon    40186837        40187139        .       -
        .       Parent=Smp_172030.1;Name=a92acd94-ec0b-4cde-ada5-
d70c7e0a0170
SM_V9_3 iris    exon    40189454        40189817        .       -
        .       Parent=Smp_172030.1;Name=8c5bfe3f-73c6-4785-
a1b8-3686aedaba0f
SM_V9_3 iris    exon    40189853        40189988        .       -
        .       Parent=Smp_172030.1;Name=a16ecb7f-9f42-4266-
a511-2f22fdbbd1f6
SM_V9_3 iris    exon    40190026        40190227        .       -
        .       Parent=Smp_172030.1;Name=838bab2c-4aaf-4d77-8a73-
f2217591c0c1
SM_V9_3 iris    exon    40192226        40192318        .       -
        .       Parent=Smp_172030.1;Name=ab202e13-b970-480a-
b4b7-7746c88bd7a3
SM_V9_3 iris    exon    40195605        40195708        .       -
        .       Parent=Smp_172030.1;Name=292bf317-9e27-4100-
a4b9-0fda2eb6ba34
SM_V9_3 iris    CDS     40182221        40182534        .       -
        2       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40184141        40184387        .       -
        0       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40185766        40185969        .       -
        0       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40186837        40187139        .       -
        0       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40189454        40189817        .       -
        1       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40189853        40189988        .       -
        2       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40190026        40190227        .       -
        0       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40192226        40192318        .       -
        0       Parent=Smp_172030.1
SM_V9_3 iris    CDS     40195605        40195610        .       -
        0       Parent=Smp_172030.1
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        .
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@local.host;date_last_modified=2022-08-22;date_creation=2022-07-26
SM_V9_3 iris    mRNA    40211019        40232424        .       +
        .
ID=Smp_199800.1;Parent=Smp_199800;geneID=Smp_199800;gene_name=Smp_19
9800;owner=irisadmin@local.host;orig_id=Smp_199800.1;date_last_modif
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        .       Parent=Smp_199800.1;Name=2c612f74-
c699-4500-8a51-7958a6e76d11
SM_V9_3 iris    exon    40212353        40212421        .       +
        .       Parent=Smp_199800.1;Name=b6c134f9-bd4c-4217-
a9cb-6ef61d5dde0e
SM_V9_3 iris    exon    40213880        40213958        .       +
        .       Parent=Smp_199800.1;Name=47ce5534-
b3af-4e1a-8531-77b14abdadc4
SM_V9_3 iris    exon    40215714        40215811        .       +
        .       Parent=Smp_199800.1;Name=6d92530e-8d10-4157-
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SM_V9_3 iris    exon    40217941        40217987        .       +
        .       Parent=Smp_199800.1;Name=05c93299-6a9f-4b84-
bc30-60c5cda5bbee
SM_V9_3 iris    exon    40220385        40220476        .       +
        .       Parent=Smp_199800.1;Name=973c9ebc-37f9-4325-
a532-4e3e72dc6b43
SM_V9_3 iris    exon    40221442        40221515        .       +
        .       Parent=Smp_199800.1;Name=8ae8eb03-012a-4b36-
b9c4-27d0629b5cac
SM_V9_3 iris    exon    40222162        40222235        .       +
        .
Parent=Smp_199800.1;Name=5e5a7dce-8c11-4ebc-8a10-4e9c2369450a
SM_V9_3 iris    exon    40223830        40224232        .       +
        .       Parent=Smp_199800.1;Name=190419dc-6bd9-4d37-9b09-
ceccf60e7a8c
SM_V9_3 iris    exon    40227444        40227812        .       +
        .       Parent=Smp_199800.1;Name=71677080-
f68f-48aa-871f-30ef6d0f747a
SM_V9_3 iris    exon    40229791        40229873        .       +
        .       Parent=Smp_199800.1;Name=fcebfb45-5a9f-4238-
ae48-679dece24937
SM_V9_3 iris    exon    40231865        40232424        .       +
        .       Parent=Smp_199800.1;Name=0d48211b-6334-41bf-a6d1-
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SM_V9_3 iris    CDS     40211110        40211117        .       +
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SM_V9_3 iris    CDS     40212353        40212421        .       +
        1       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40213880        40213958        .       +
        1       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40215714        40215811        .       +
        0       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40217941        40217987        .       +
        1       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40220385        40220476        .       +
        2       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40221442        40221515        .       +
        0       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40222162        40222235        .       +
        1       Parent=Smp_199800.1
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SM_V9_3 iris    CDS     40223830        40224232        .       +
        2       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40227444        40227812        .       +
        1       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40229791        40229873        .       +
        1       Parent=Smp_199800.1
SM_V9_3 iris    CDS     40231865        40232028        .       +
        2       Parent=Smp_199800.1
SM_V9_3 iris    gene    40243508        40244287        .       -
        .
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SM_V9_3 iris    mRNA    40243508        40244287        .       -
        .
ID=Smp_337590.1;Parent=Smp_337590;geneID=Smp_337590;gene_name=Smp_33
7590;owner=irisadmin@local.host;orig_id=Smp_337590.1;date_last_modif
ied=2022-07-21;Name=Smp_337590.1;product=U1 small nuclear
ribonucleoprotein C;date_creation=2022-07-21
SM_V9_3 iris    exon    40243508        40243992        .       -
        .       Parent=Smp_337590.1;Name=771211e8-9244-4429-bf40-
f081f20a4ae8
SM_V9_3 iris    exon    40244037        40244188        .       -
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b3ffc4618b83
SM_V9_3 iris    exon    40244224        40244287        .       -
        .
Parent=Smp_337590.1;Name=d9925075-7147-4288-9a18-7e3906b5bdea
SM_V9_3 iris    CDS     40243754        40243992        .       -
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SM_V9_3 iris    CDS     40244037        40244188        .       -
        1       Parent=Smp_337590.1
SM_V9_3 iris    CDS     40244224        40244231        .       -
        0       Parent=Smp_337590.1
SM_V9_3 Liftoff gene    40251831        40262173        .       -
        .
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p_199580
SM_V9_3 Liftoff mRNA    40251831        40262173        .       -
        .
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7;polypeptide_domain=InterPro:IPR001309,IPR002138,IPR015917,IPR02903
0,IPR033139
Pfam:PF00656;Ontology_term=GO:0004197,GO:0006508,GO:0008234
SM_V9_3 Liftoff exon    40251831        40252462        .       -
        .       Parent=Smp_243210.1
SM_V9_3 Liftoff exon    40255969        40256110        .       -
        .       Parent=Smp_243210.1
SM_V9_3 Liftoff exon    40258417        40258595        .       -
        .       Parent=Smp_243210.1
SM_V9_3 Liftoff exon    40259301        40259677        .       -
        .       Parent=Smp_243210.1
SM_V9_3 Liftoff exon    40259710        40262173        .       -
        .       Parent=Smp_243210.1
SM_V9_3 Liftoff CDS     40252203        40252462        .       -
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SM_V9_3 Liftoff CDS     40258417        40258595        .       -
        2       Parent=Smp_243210.1
SM_V9_3 Liftoff CDS     40259301        40259677        .       -
        1       Parent=Smp_243210.1
SM_V9_3 Liftoff CDS     40259710        40259738        .       -
        0       Parent=Smp_243210.1
SM_V9_3 Liftoff gene    40274887        40298858        .       +
        .
ID=Smp_313810;geneID=Smp_313810;previous_systematic_id=Smp_172000,Sm
p_191110,Smp_199250,Smp_243220
SM_V9_3 Liftoff mRNA    40274887        40298858        .       +
        .
ID=Smp_313810.1;Parent=Smp_313810;geneID=Smp_313810;product=Integrat
or complex subunit 13;polypeptide_domain=InterPro:IPR019355
Pfam:PF10221
SM_V9_3 Liftoff exon    40274887        40277417        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40277453        40277527        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40277564        40277745        .       +
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SM_V9_3 Liftoff exon    40277784        40277849        .       +
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SM_V9_3 Liftoff exon    40280267        40280366        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40282654        40283014        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40285891        40285983        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40288061        40288369        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40290018        40290091        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40293391        40293536        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40295083        40295484        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40297157        40297209        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff exon    40298666        40298858        .       +
        .       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40277205        40277417        .       +
        0       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40277453        40277527        .       +
        0       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40277564        40277745        .       +
        0       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40277784        40277849        .       +
        1       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40280267        40280366        .       +
        1       Parent=Smp_313810.1
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SM_V9_3 Liftoff CDS     40282654        40283014        .       +
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SM_V9_3 Liftoff CDS     40285891        40285983        .       +
        2       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40288061        40288369        .       +
        2       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40290018        40290091        .       +
        2       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40293391        40293536        .       +
        0       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40295083        40295484        .       +
        1       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40297157        40297209        .       +
        1       Parent=Smp_313810.1
SM_V9_3 Liftoff CDS     40298666        40298820        .       +
        2       Parent=Smp_313810.1
SM_V9_3 iris    gene    40300749        40347673        .       -
        .
ID=Smp_309360;geneID=Smp_309360;gene_name=Smp_309360;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    40300749        40347673        .       -
        .
ID=Smp_309360.1;Parent=Smp_309360;geneID=Smp_309360;gene_name=Smp_30
9360;owner=irisadmin@local.host;orig_id=Smp_309360.1;date_last_modif
ied=2022-07-27;Name=Smp_309360.1;product=Sterol regulatory element-
binding protein cleavage-activating protein;date_creation=2022-07-26
SM_V9_3 iris    exon    40300749        40301498        .       -
        .       Parent=Smp_309360.1;Name=3205b968-1ef2-4f1a-abbf-
ccc347511361
SM_V9_3 iris    exon    40303076        40303144        .       -
        .       Parent=Smp_309360.1;Name=a86e8880-8aa1-4623-b03e-
e9cf0cde71b8
SM_V9_3 iris    exon    40304596        40305021        .       -
        .       Parent=Smp_309360.1;Name=2112bd99-493a-46a1-
bab0-60f3345e7cdb
SM_V9_3 iris    exon    40306930        40307010        .       -
        .
Parent=Smp_309360.1;Name=cf94c704-52fb-40d6-9c4e-7b5fc88a79a5
SM_V9_3 iris    exon    40307554        40307800        .       -
        .       Parent=Smp_309360.1;Name=5f1965c8-8dad-4f81-
a849-719fb2a2d883
SM_V9_3 iris    exon    40310374        40310537        .       -
        .       Parent=Smp_309360.1;Name=a859f53e-0f43-4c55-a282-
c75485da0c17
SM_V9_3 iris    exon    40311333        40311403        .       -
        .       Parent=Smp_309360.1;Name=2133c569-3425-4884-af49-
ef5e6e5d847a
SM_V9_3 iris    exon    40313040        40313104        .       -
        .       Parent=Smp_309360.1;Name=6d1a90cf-4f44-4211-8bd0-
e38dfa85fb00
SM_V9_3 iris    exon    40316371        40316676        .       -
        .       Parent=Smp_309360.1;Name=9b1f1fb5-4185-494c-9821-
b83479b24183
SM_V9_3 iris    exon    40318197        40318463        .       -
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        .       Parent=Smp_309360.1;Name=92f76aeb-de63-4885-
ac55-075186720533
SM_V9_3 iris    exon    40324527        40325257        .       -
        .       Parent=Smp_309360.1;Name=4c43cc8b-608c-4f4f-a374-
d82394e83271
SM_V9_3 iris    exon    40328684        40328799        .       -
        .
Parent=Smp_309360.1;Name=f75b556e-996d-44a5-9bcc-5b1cda1038dd
SM_V9_3 iris    exon    40332369        40332705        .       -
        .       Parent=Smp_309360.1;Name=59d9b0a8-193b-4871-9f73-
af990ba4fb34
SM_V9_3 iris    exon    40334228        40334421        .       -
        .       Parent=Smp_309360.1;Name=000e127b-8dcb-403b-
b5c2-0b9f3bf486af
SM_V9_3 iris    exon    40334960        40335072        .       -
        .       Parent=Smp_309360.1;Name=790c5e45-98f5-4061-
b978-97b0212e8e3c
SM_V9_3 iris    exon    40338356        40338485        .       -
        .       Parent=Smp_309360.1;Name=cc65da58-
fd0b-4d38-8199-35a3089592eb
SM_V9_3 iris    exon    40341278        40341498        .       -
        .
Parent=Smp_309360.1;Name=218d9c7d-8fcd-41de-9f3a-4c1efa728efd
SM_V9_3 iris    exon    40343842        40344137        .       -
        .       Parent=Smp_309360.1;Name=0ac48eca-b52f-452f-b64d-
e30e21364975
SM_V9_3 iris    exon    40345607        40345822        .       -
        .       Parent=Smp_309360.1;Name=c1598d3d-b5e3-489f-96f5-
d1d7442c32ec
SM_V9_3 iris    exon    40347135        40347237        .       -
        .       Parent=Smp_309360.1;Name=8b4028da-ca83-475e-
a368-96f33ccd192b
SM_V9_3 iris    exon    40347267        40347538        .       -
        .       Parent=Smp_309360.1;Name=241007f7-7ec5-48ad-
bd1e-98ea81dba32a
SM_V9_3 iris    exon    40347589        40347673        .       -
        .       Parent=Smp_309360.1;Name=73b42000-
fd5b-48dd-8b0c-29d314fbaf0d
SM_V9_3 iris    CDS     40301142        40301498        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40303076        40303144        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40304596        40305021        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40306930        40307010        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40307554        40307800        .       -
        1       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40310374        40310537        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40311333        40311403        .       -
        2       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40313040        40313104        .       -
        1       Parent=Smp_309360.1
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SM_V9_3 iris    CDS     40316371        40316676        .       -
        1       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40318197        40318463        .       -
        1       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40324527        40325257        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40328684        40328799        .       -
        2       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40332369        40332705        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40334228        40334421        .       -
        2       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40334960        40335072        .       -
        1       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40338356        40338485        .       -
        2       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40341278        40341498        .       -
        1       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40343842        40344137        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40345607        40345822        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40347135        40347237        .       -
        1       Parent=Smp_309360.1
SM_V9_3 iris    CDS     40347267        40347418        .       -
        0       Parent=Smp_309360.1
SM_V9_3 iris    gene    40367836        40405948        .       -
        .
ID=Smp_333630;geneID=Smp_333630;gene_name=Smp_333630;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_3 iris    mRNA    40367836        40405948        .       -
        .
ID=Smp_333630.1;Parent=Smp_333630;geneID=Smp_333630;gene_name=Smp_33
3630;owner=irisadmin@local.host;orig_id=Smp_333630.1;date_last_modif
ied=2022-08-21;Name=Smp_333630.1;product=PDZ domain-containing
protein 4;date_creation=2022-08-21
SM_V9_3 iris    exon    40367836        40368590        .       -
        .       Parent=Smp_333630.1;Name=5c6e87e0-0c12-4cb1-a542-
f375933c8945
SM_V9_3 iris    exon    40370106        40370515        .       -
        .       Parent=Smp_333630.1;Name=dda3e9af-c996-4423-8764-
fdd87a4721d4
SM_V9_3 iris    exon    40374138        40374281        .       -
        .       Parent=Smp_333630.1;Name=a5826e4d-5d69-45e4-97b0-
a99d48a3e1a1
SM_V9_3 iris    exon    40381114        40381230        .       -
        .
Parent=Smp_333630.1;Name=ac04223c-82c2-4982-9dae-393de59ec087
SM_V9_3 iris    exon    40405647        40405948        .       -
        .       Parent=Smp_333630.1;Name=491d382d-2498-4ad6-935f-
f877864ba068
SM_V9_3 iris    CDS     40368050        40368590        .       -
        1       Parent=Smp_333630.1
SM_V9_3 iris    CDS     40370106        40370515        .       -
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        0       Parent=Smp_333630.1
SM_V9_3 iris    CDS     40374138        40374281        .       -
        0       Parent=Smp_333630.1
SM_V9_3 iris    CDS     40381114        40381230        .       -
        0       Parent=Smp_333630.1
SM_V9_3 iris    CDS     40405647        40405778        .       -
        0       Parent=Smp_333630.1
SM_V9_3 Liftoff gene    40419443        40423349        .       -
        .       ID=Smp_326660;geneID=Smp_326660
SM_V9_3 Liftoff mRNA    40419443        40423349        .       -
        .
ID=Smp_326660.1;Parent=Smp_326660;geneID=Smp_326660;product=Translat
ion initiation factor IF-1
SM_V9_3 Liftoff exon    40419443        40419671        .       -
        .       Parent=Smp_326660.1
SM_V9_3 Liftoff exon    40421261        40421414        .       -
        .       Parent=Smp_326660.1
SM_V9_3 Liftoff exon    40423146        40423349        .       -
        .       Parent=Smp_326660.1
SM_V9_3 Liftoff CDS     40419620        40419671        .       -
        1       Parent=Smp_326660.1
SM_V9_3 Liftoff CDS     40421261        40421414        .       -
        2       Parent=Smp_326660.1
SM_V9_3 Liftoff CDS     40423146        40423248        .       -
        0       Parent=Smp_326660.1
SM_V9_3 Liftoff gene    40447663        40450757        .       +
        .       ID=Smp_091240;geneID=Smp_091240
SM_V9_3 Liftoff mRNA    40447663        40450757        .       +
        .
ID=Smp_091240.1;Parent=Smp_091240;geneID=Smp_091240;product=Voltage-
dependent anion-selective channel protein
2;polypeptide_domain=InterPro:IPR027246
Pfam:PF01459;Ontology_term=GO:0005741,GO:0055085
SM_V9_3 Liftoff exon    40447663        40448014        .       +
        .       Parent=Smp_091240.1
SM_V9_3 Liftoff exon    40448049        40448159        .       +
        .       Parent=Smp_091240.1
SM_V9_3 Liftoff exon    40448192        40448523        .       +
        .       Parent=Smp_091240.1
SM_V9_3 Liftoff exon    40450527        40450757        .       +
        .       Parent=Smp_091240.1
SM_V9_3 Liftoff CDS     40447701        40448014        .       +
        0       Parent=Smp_091240.1
SM_V9_3 Liftoff CDS     40448049        40448159        .       +
        1       Parent=Smp_091240.1
SM_V9_3 Liftoff CDS     40448192        40448523        .       +
        1       Parent=Smp_091240.1
SM_V9_3 Liftoff CDS     40450527        40450618        .       +
        2       Parent=Smp_091240.1
SM_V9_3 Liftoff gene    40470343        40472952        .       +
        .       ID=Smp_091230;geneID=Smp_091230
SM_V9_3 Liftoff mRNA    40470343        40472952        .       +
        .
ID=Smp_091230.1;Parent=Smp_091230;geneID=Smp_091230;product=Ubiquiti
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n-fold modifier 1;polypeptide_domain=InterPro:IPR005375,IPR029071
Pfam:PF03671
SM_V9_3 Liftoff exon    40470343        40470389        .       +
        .       Parent=Smp_091230.1
SM_V9_3 Liftoff exon    40470424        40470480        .       +
        .       Parent=Smp_091230.1
SM_V9_3 Liftoff exon    40470517        40470574        .       +
        .       Parent=Smp_091230.1
SM_V9_3 Liftoff exon    40471965        40472037        .       +
        .       Parent=Smp_091230.1
SM_V9_3 Liftoff exon    40472748        40472952        .       +
        .       Parent=Smp_091230.1
SM_V9_3 Liftoff CDS     40470388        40470389        .       +
        0       Parent=Smp_091230.1
SM_V9_3 Liftoff CDS     40470424        40470480        .       +
        1       Parent=Smp_091230.1
SM_V9_3 Liftoff CDS     40470517        40470574        .       +
        1       Parent=Smp_091230.1
SM_V9_3 Liftoff CDS     40471965        40472037        .       +
        0       Parent=Smp_091230.1
SM_V9_3 Liftoff CDS     40472748        40472815        .       +
        2       Parent=Smp_091230.1
SM_V9_3 Liftoff gene    40515176        40515708        .       -
        .       ID=Smp_118710;geneID=Smp_118710
SM_V9_3 Liftoff mRNA    40515176        40515708        .       -
        .
ID=Smp_118710.1;Parent=Smp_118710;geneID=Smp_118710;product=Uncharac
terized protein ycf90;polypeptide_domain=InterPro:IPR000305
SM_V9_3 Liftoff exon    40515176        40515708        .       -
        .       Parent=Smp_118710.1
SM_V9_3 Liftoff CDS     40515310        40515708        .       -
        0       Parent=Smp_118710.1
SM_V9_3 Liftoff gene    40532780        40552642        .       -
        .       ID=Smp_057130;geneID=Smp_057130
SM_V9_3 Liftoff mRNA    40532780        40552642        .       -
        .
ID=Smp_057130.1;Parent=Smp_057130;geneID=Smp_057130;product=Adiponec
tin receptor protein;polypeptide_domain=InterPro:IPR004254
Pfam:PF03006;Ontology_term=GO:0016021
SM_V9_3 Liftoff exon    40532780        40533447        .       -
        .       Parent=Smp_057130.1
SM_V9_3 Liftoff exon    40540777        40540970        .       -
        .       Parent=Smp_057130.1
SM_V9_3 Liftoff exon    40542574        40542761        .       -
        .       Parent=Smp_057130.1
SM_V9_3 Liftoff exon    40550405        40550585        .       -
        .       Parent=Smp_057130.1
SM_V9_3 Liftoff exon    40551906        40552476        .       -
        .       Parent=Smp_057130.1
SM_V9_3 Liftoff exon    40552516        40552642        .       -
        .       Parent=Smp_057130.1
SM_V9_3 Liftoff CDS     40533328        40533447        .       -
        0       Parent=Smp_057130.1
SM_V9_3 Liftoff CDS     40540777        40540970        .       -
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        2       Parent=Smp_057130.1
SM_V9_3 Liftoff CDS     40542574        40542761        .       -
        1       Parent=Smp_057130.1
SM_V9_3 Liftoff CDS     40550405        40550585        .       -
        2       Parent=Smp_057130.1
SM_V9_3 Liftoff CDS     40551906        40552476        .       -
        0       Parent=Smp_057130.1
SM_V9_3 Liftoff CDS     40552516        40552584        .       -
        0       Parent=Smp_057130.1
SM_V9_3 iris    gene    40571229        40576270        .       +
        .
ID=Smp_027850;geneID=Smp_027850;gene_name=Smp_027850;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    40571229        40576270        .       +
        .
ID=Smp_027850.1;Parent=Smp_027850;geneID=Smp_027850;gene_name=Smp_02
7850;owner=irisadmin@local.host;orig_id=Smp_027850.1;date_last_modif
ied=2022-07-27;Name=Smp_027850.1;product=Protein SPT2
homolog;date_creation=2022-07-26
SM_V9_3 iris    exon    40571229        40571326        .       +
        .       Parent=Smp_027850.1;Name=07483027-e96f-48b0-90b0-
b728fa4d6336
SM_V9_3 iris    exon    40571362        40572740        .       +
        .       Parent=Smp_027850.1;Name=80b2e114-6fec-423b-bba9-
a8fe559a84e9
SM_V9_3 iris    exon    40575980        40576270        .       +
        .       Parent=Smp_027850.1;Name=b38d53d3-2768-498b-bd1a-
ecec2248d297
SM_V9_3 iris    CDS     40571267        40571326        .       +
        0       Parent=Smp_027850.1
SM_V9_3 iris    CDS     40571362        40572740        .       +
        0       Parent=Smp_027850.1
SM_V9_3 iris    CDS     40575980        40576091        .       +
        1       Parent=Smp_027850.1
SM_V9_3 iris    gene    40595360        40604919        .       -
        .
ID=Smp_027870;geneID=Smp_027870;gene_name=Smp_027870;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_3 iris    mRNA    40595360        40604919        .       -
        .
ID=Smp_027870.1;Parent=Smp_027870;geneID=Smp_027870;gene_name=Smp_02
7870;owner=irisadmin@local.host;orig_id=Smp_027870.1;date_last_modif
ied=2022-08-21;Name=Smp_027870.1;product=Melanoma inhibitory
activity protein 3;date_creation=2022-08-21
SM_V9_3 iris    exon    40595360        40600052        .       -
        .       Parent=Smp_027870.1;Name=4f39cee4-
e8a7-4187-8efd-5478520239ff
SM_V9_3 iris    exon    40604811        40604919        .       -
        .       Parent=Smp_027870.1;Name=131a426d-
b31a-4d32-8420-168879d240e7
SM_V9_3 iris    CDS     40595783        40600052        .       -
        1       Parent=Smp_027870.1
SM_V9_3 iris    CDS     40604811        40604815        .       -
        0       Parent=Smp_027870.1
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SM_V9_3 iris    gene    40619236        40619847        .       +
       .
ID=Smp_027880;geneID=Smp_027880;gene_name=Smp_027880;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    40619236        40619847        .       +
       .
ID=Smp_027880.1;Parent=Smp_027880;geneID=Smp_027880;gene_name=Smp_02
7880;owner=irisadmin@local.host;orig_id=Smp_027880.1;date_last_modif
ied=2022-07-27;Name=Smp_027880.1;product=Prefoldin subunit
6;date_creation=2022-07-26
SM_V9_3 iris    exon    40619236        40619555        .       +
       .
Parent=Smp_027880.1;Name=35e68cf2-0122-4afe-891d-0cd419930001
SM_V9_3 iris    exon    40619593        40619847        .       +
       .
Parent=Smp_027880.1;Name=1b0e227d-9d2c-48e8-8dea-1ede55e4f0b1
SM_V9_3 iris    CDS     40619299        40619555        .       +
       0       Parent=Smp_027880.1
SM_V9_3 iris    CDS     40619593        40619713        .       +
       1       Parent=Smp_027880.1
SM_V9_3 Liftoff gene    40625363        40639669        .       -
       .
ID=Smp_347380;geneID=Smp_347380;previous_systematic_id=Smp_212120
SM_V9_3 Liftoff mRNA    40625363        40639669        .       -
       .
ID=Smp_347380.1;Parent=Smp_347380;geneID=Smp_347380;product=F-box
only protein
40;polypeptide_domain=InterPro:IPR001293,IPR001810,IPR013083
Pfam:PF15965,PF15966;Ontology_term=GO:0005515,GO:0008270
SM_V9_3 Liftoff exon    40625363        40626500        .       -
       .       Parent=Smp_347380.1
SM_V9_3 Liftoff exon    40628218        40628357        .       -
       .       Parent=Smp_347380.1
SM_V9_3 Liftoff exon    40632022        40632143        .       -
       .       Parent=Smp_347380.1
SM_V9_3 Liftoff exon    40639034        40639669        .       -
       .       Parent=Smp_347380.1
SM_V9_3 Liftoff CDS     40625865        40626500        .       -
       0       Parent=Smp_347380.1
SM_V9_3 Liftoff CDS     40628218        40628357        .       -
       2       Parent=Smp_347380.1
SM_V9_3 Liftoff CDS     40632022        40632143        .       -
       1       Parent=Smp_347380.1
SM_V9_3 Liftoff CDS     40639034        40639320        .       -
       0       Parent=Smp_347380.1
SM_V9_3 iris    gene    40644733        40672757        .       -
       .
ID=Smp_137280;geneID=Smp_137280;gene_name=Smp_137280;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    40644733        40672757        .       -
       .
ID=Smp_137280.1;Parent=Smp_137280;geneID=Smp_137280;gene_name=Smp_13
7280;owner=irisadmin@local.host;orig_id=Smp_137280.2;date_last_modif
ied=2022-07-27;Name=Smp_137280.1;product=Coiled-coil domain-
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containing protein 87;date_creation=2022-07-26
SM_V9_3 iris    exon    40644733        40645069        .       -
        .       Parent=Smp_137280.1;Name=66f2808d-aef3-4318-
ae4d-2c340fb56de2
SM_V9_3 iris    exon    40646327        40646407        .       -
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a6fb-3c744d565c1d
SM_V9_3 iris    exon    40648146        40648198        .       -
        .       Parent=Smp_137280.1;Name=564ca6e9-7ded-4e09-
acc3-54e26ff6dda3
SM_V9_3 iris    exon    40651648        40651921        .       -
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d56e857e1c29
SM_V9_3 iris    exon    40653476        40653591        .       -
        .       Parent=Smp_137280.1;Name=e3066dbc-e408-4b4b-90b8-
fc76a4440a1b
SM_V9_3 iris    exon    40659450        40659582        .       -
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dc606ce3b771
SM_V9_3 iris    exon    40661131        40661188        .       -
        .       Parent=Smp_137280.1;Name=674f9eca-31b1-4a2f-8ae6-
c27ba8072daf
SM_V9_3 iris    exon    40662155        40662315        .       -
        .       Parent=Smp_137280.1;Name=6ae1fc8f-8d55-4a74-a303-
b93a4970dd8a
SM_V9_3 iris    exon    40663896        40664018        .       -
        .       Parent=Smp_137280.1;Name=d8ee7ed5-4d41-4cac-90ba-
f72c595f5942
SM_V9_3 iris    exon    40665542        40665640        .       -
        .       Parent=Smp_137280.1;Name=990512da-9df4-4716-
ad4e-1cc92166ca04
SM_V9_3 iris    exon    40666736        40666849        .       -
        .       Parent=Smp_137280.1;Name=fe15b49e-2aae-4c2c-bb17-
c977661b48f4
SM_V9_3 iris    exon    40669142        40669233        .       -
        .       Parent=Smp_137280.1;Name=595e3fe3-8a52-4eb8-
a6d7-0f1338fd36a5
SM_V9_3 iris    exon    40669286        40669314        .       -
        .       Parent=Smp_137280.1;Name=9beeeedc-8701-485b-bc74-
dee41cc4ec8e
SM_V9_3 iris    exon    40669366        40669426        .       -
        .       Parent=Smp_137280.1;Name=7fe124ea-
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SM_V9_3 iris    exon    40669458        40669596        .       -
        .       Parent=Smp_137280.1;Name=9fd5b067-46d7-41b4-
a133-36c5aadd1a15
SM_V9_3 iris    exon    40669631        40669696        .       -
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b370-304be96d7a47
SM_V9_3 iris    exon    40669744        40669940        .       -
        .       Parent=Smp_137280.1;Name=93bf2c32-b398-4017-
bac2-9ae9bdade728
SM_V9_3 iris    exon    40672434        40672757        .       -
        .       Parent=Smp_137280.1;Name=9c6deb82-a03f-4041-9c39-
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SM_V9_3 iris    CDS     40646327        40646407        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40648146        40648198        .       -
        2       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40651648        40651921        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40653476        40653591        .       -
        2       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40659450        40659582        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40661131        40661188        .       -
        1       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40662155        40662315        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40663896        40664018        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40665542        40665640        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40666736        40666849        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40669142        40669233        .       -
        2       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40669286        40669314        .       -
        1       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40669366        40669426        .       -
        2       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40669458        40669596        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40669631        40669696        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    CDS     40669744        40669833        .       -
        0       Parent=Smp_137280.1
SM_V9_3 iris    gene    40693804        40738781        .       +
        .
ID=Smp_333640;geneID=Smp_333640;gene_name=Smp_333640;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_3 iris    mRNA    40693804        40738781        .       +
        .
ID=Smp_333640.1;Parent=Smp_333640;geneID=Smp_333640;gene_name=Smp_33
3640;owner=irisadmin@local.host;orig_id=Smp_333640.1;date_last_modif
ied=2022-08-21;Name=Smp_333640.1;product=Nuclear pore complex
protein Nup98-Nup96;date_creation=2022-08-21
SM_V9_3 iris    exon    40693804        40693898        .       +
        .       Parent=Smp_333640.1;Name=a2c8ed6f-dbc3-464e-b333-
faad8481771e
SM_V9_3 iris    exon    40694225        40694283        .       +
        .       Parent=Smp_333640.1;Name=51bf4a19-7018-4296-
ba4e-28d0702252c5
SM_V9_3 iris    exon    40694324        40694362        .       +
        .
Parent=Smp_333640.1;Name=ac98b37a-6cab-47b8-98a5-924f788e91a4
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SM_V9_3 iris    exon    40694398        40694681        .       +
        .       Parent=Smp_333640.1;Name=812537c0-3dff-4c17-864a-
cec8d5f38f19
SM_V9_3 iris    exon    40696488        40696749        .       +
        .       Parent=Smp_333640.1;Name=9f12dcdf-
df0f-44a1-88d6-2be4bb6be334
SM_V9_3 iris    exon    40697676        40697786        .       +
        .       Parent=Smp_333640.1;Name=7db209e2-5de8-4740-aa71-
f619459054da
SM_V9_3 iris    exon    40699925        40700184        .       +
        .       Parent=Smp_333640.1;Name=4ecc85a1-
a1df-4662-9d63-87d9c9463606
SM_V9_3 iris    exon    40700258        40700489        .       +
        .       Parent=Smp_333640.1;Name=906f9cc0-5623-400e-bc76-
d626988ec583
SM_V9_3 iris    exon    40704986        40705476        .       +
        .       Parent=Smp_333640.1;Name=56762fc8-eacd-4408-
bd27-959cb03ef20b
SM_V9_3 iris    exon    40706432        40706824        .       +
        .       Parent=Smp_333640.1;Name=b7e83740-
d9e8-4ca7-8601-5c1467bf6c26
SM_V9_3 iris    exon    40708541        40708951        .       +
        .       Parent=Smp_333640.1;Name=e6f7f7f2-12bd-47c2-b7bd-
bb9a444e2cd8
SM_V9_3 iris    exon    40719866        40720306        .       +
        .       Parent=Smp_333640.1;Name=ef1a4d0c-18f9-4730-b4cd-
a4211528ae14
SM_V9_3 iris    exon    40723025        40723299        .       +
        .       Parent=Smp_333640.1;Name=f0e2dc73-c740-4731-ba37-
dbcb4c1f3fc0
SM_V9_3 iris    exon    40723400        40723628        .       +
        .       Parent=Smp_333640.1;Name=b7226015-7c4a-452a-
a713-8d72ac35403d
SM_V9_3 iris    exon    40726616        40726714        .       +
        .       Parent=Smp_333640.1;Name=1b0dce94-fe84-492d-b650-
bf8acb4c47f1
SM_V9_3 iris    exon    40727359        40727575        .       +
        .       Parent=Smp_333640.1;Name=13c05b1b-2107-4344-
bca2-35ac3b68ef06
SM_V9_3 iris    exon    40728293        40728555        .       +
        .       Parent=Smp_333640.1;Name=f4312c38-d6ec-4a39-ba2b-
cdc558ea98d3
SM_V9_3 iris    exon    40729680        40730197        .       +
        .       Parent=Smp_333640.1;Name=0266a27b-5d5d-47ad-
b680-67eae8d00f9e
SM_V9_3 iris    exon    40730737        40731052        .       +
        .
Parent=Smp_333640.1;Name=bbee3665-8ac9-46af-9c33-96d98161fdc2
SM_V9_3 iris    exon    40733124        40733457        .       +
        .       Parent=Smp_333640.1;Name=bdf08ef5-8086-46f9-aab0-
d26921c20f0c
SM_V9_3 iris    exon    40733557        40734131        .       +
        .       Parent=Smp_333640.1;Name=452fd38d-4519-4921-bcf9-
ad9fec7292d8
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SM_V9_3 iris    exon    40734901        40735246        .       +
        .       Parent=Smp_333640.1;Name=0bae146d-
bcb8-46ef-82e9-963bdce51594
SM_V9_3 iris    exon    40736143        40736383        .       +
        .
Parent=Smp_333640.1;Name=adc60993-99b9-47db-8d44-3bb9f9575d04
SM_V9_3 iris    exon    40738408        40738781        .       +
        .       Parent=Smp_333640.1;Name=f6f9004f-7a54-44ce-
b2d6-43ce1a0a92c7
SM_V9_3 iris    CDS     40694265        40694283        .       +
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SM_V9_3 iris    CDS     40694324        40694362        .       +
        2       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40694398        40694681        .       +
        2       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40696488        40696749        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40697676        40697786        .       +
        2       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40699925        40700184        .       +
        2       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40700258        40700489        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40704986        40705476        .       +
        2       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40706432        40706824        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40708541        40708951        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40719866        40720306        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40723025        40723299        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40723400        40723628        .       +
        1       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40726616        40726714        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40727359        40727575        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40728293        40728555        .       +
        2       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40729680        40730197        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40730737        40731052        .       +
        1       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40733124        40733457        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40733557        40734131        .       +
        2       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40734901        40735246        .       +
        0       Parent=Smp_333640.1
SM_V9_3 iris    CDS     40736143        40736383        .       +
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SM_V9_3 iris    CDS     40738408        40738660        .       +
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
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7910;owner=irisadmin@local.host;orig_id=Smp_027910.1;date_last_modif
ied=2022-07-27;Name=Smp_027910.1;product=Synembryn-
A;date_creation=2022-07-26
SM_V9_3 iris    exon    40738785        40739078        .       -
        .       Parent=Smp_027910.1;Name=2446d72c-db98-4aad-a898-
d89045208c3f
SM_V9_3 iris    exon    40739208        40739505        .       -
        .
Parent=Smp_027910.1;Name=7461baf8-1209-43ef-95bd-237ff166fb23
SM_V9_3 iris    exon    40740957        40741039        .       -
        .
Parent=Smp_027910.1;Name=ec1c2e64-5fe9-42d6-9039-11d8afddb1c3
SM_V9_3 iris    exon    40742017        40742081        .       -
        .
Parent=Smp_027910.1;Name=c8657105-703d-4167-8cd6-684a34b0c321
SM_V9_3 iris    exon    40742990        40743115        .       -
        .       Parent=Smp_027910.1;Name=b5554ce0-90f1-4f34-8802-
a34e14cfb226
SM_V9_3 iris    exon    40743394        40743571        .       -
        .
Parent=Smp_027910.1;Name=85f87b98-1498-4871-8b3b-6243528ccf24
SM_V9_3 iris    exon    40745202        40745293        .       -
        .       Parent=Smp_027910.1;Name=284ff803-4697-41e9-adb9-
cf7d2cf4254d
SM_V9_3 iris    exon    40745326        40745476        .       -
        .       Parent=Smp_027910.1;Name=7e7b139f-a57f-4b20-
b7e0-35d0ee187593
SM_V9_3 iris    exon    40745509        40745634        .       -
        .       Parent=Smp_027910.1;Name=155de0e0-
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SM_V9_3 iris    exon    40745667        40745923        .       -
        .
Parent=Smp_027910.1;Name=d798421f-49fe-4202-8bca-5761c18a441a
SM_V9_3 iris    exon    40745955        40746002        .       -
        .
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SM_V9_3 iris    exon    40746042        40746245        .       -
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SM_V9_3 iris    CDS     40738958        40739078        .       -
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SM_V9_3 iris    CDS     40739208        40739505        .       -
        2       Parent=Smp_027910.1
SM_V9_3 iris    CDS     40740957        40741039        .       -
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SM_V9_3 iris    CDS     40742017        40742081        .       -
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        1       Parent=Smp_027910.1
SM_V9_3 iris    CDS     40745202        40745293        .       -
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SM_V9_3 iris    CDS     40745509        40745634        .       -
        1       Parent=Smp_027910.1
SM_V9_3 iris    CDS     40745667        40745923        .       -
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        0       Parent=Smp_027910.1
SM_V9_3 iris    CDS     40746042        40746083        .       -
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SM_V9_3 Liftoff gene    40769840        40771876        .       -
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SM_V9_3 Liftoff mRNA    40769840        40771876        .       -
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chain;polypeptide_domain=InterPro:IPR000217,IPR002452,IPR003008,IPR0
08280,IPR017975,IPR018316
Pfam:PF00091,PF03953;Ontology_term=GO:0003924,GO:0005200,GO:0005525,
GO:0005874,GO:0007017
SM_V9_3 Liftoff exon    40769840        40771303        .       -
        .       Parent=Smp_027920.1
SM_V9_3 Liftoff exon    40771805        40771876        .       -
        .       Parent=Smp_027920.1
SM_V9_3 Liftoff CDS     40769957        40771303        .       -
        0       Parent=Smp_027920.1
SM_V9_3 Liftoff CDS     40771805        40771807        .       -
        0       Parent=Smp_027920.1
SM_V9_3 Liftoff gene    40864876        40967580        .       +
        .
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p_172330,Smp_196080,Smp_266950
SM_V9_3 Liftoff mRNA    40864876        40967580        .       +
        .
ID=Smp_347950.1;Parent=Smp_347950;geneID=Smp_347950;product=Unconven
tional myosin-
XVIIIa;polypeptide_domain=InterPro:IPR001478,IPR001609,IPR027417
Pfam:PF00063;Ontology_term=GO:0003774,GO:0005515,GO:0005524,GO:00164
59
SM_V9_3 Liftoff exon    40864876        40865074        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40865107        40865417        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40868572        40868913        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40884080        40884343        .       +
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SM_V9_3 Liftoff exon    40885651        40885830        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40887905        40888244        .       +
        .       Parent=Smp_347950.1
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        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40891579        40891639        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40896078        40896502        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40900575        40900854        .       +
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SM_V9_3 Liftoff exon    40902865        40902951        .       +
        .       Parent=Smp_347950.1
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        .       Parent=Smp_347950.1
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        .       Parent=Smp_347950.1
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        .       Parent=Smp_347950.1
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SM_V9_3 Liftoff exon    40923315        40923461        .       +
        .       Parent=Smp_347950.1
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        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40932117        40932238        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40934098        40934146        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40936871        40936959        .       +
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        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40940658        40940761        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40940890        40940956        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40942262        40942338        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40945107        40945179        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40945867        40945955        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40948448        40948741        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40952423        40952921        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40954031        40954155        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40956801        40956914        .       +
        .       Parent=Smp_347950.1
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SM_V9_3 Liftoff exon    40958104        40958349        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40959073        40959569        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff exon    40966017        40967580        .       +
        .       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40865014        40865074        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40865107        40865417        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40868572        40868913        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40884080        40884343        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40885651        40885830        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40887905        40888244        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40889595        40889877        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40891579        40891639        .       +
        1       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40896078        40896502        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40900575        40900854        .       +
        1       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40902865        40902951        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40909930        40910110        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40911077        40911245        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40912857        40912971        .       +
        1       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40919228        40919743        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40920994        40921059        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40923315        40923461        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40930137        40930230        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40932117        40932238        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40934098        40934146        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40936871        40936959        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40939286        40939364        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40940658        40940761        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40940890        40940956        .       +
        0       Parent=Smp_347950.1
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SM_V9_3 Liftoff CDS     40942262        40942338        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40945107        40945179        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40945867        40945955        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40948448        40948741        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40952423        40952921        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40954031        40954155        .       +
        2       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40956801        40956914        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40958104        40958349        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40959073        40959569        .       +
        0       Parent=Smp_347950.1
SM_V9_3 Liftoff CDS     40966017        40966851        .       +
        1       Parent=Smp_347950.1
SM_V9_3 Liftoff mRNA    40878196        40967580        .       +
        .
ID=Smp_347950.2;Parent=Smp_347950;geneID=Smp_347950;product=Unconven
tional myosin-XVIIIa;polypeptide_domain=InterPro:IPR001609,IPR027417
Pfam:PF00063;Ontology_term=GO:0003774,GO:0005524,GO:0016459
SM_V9_3 Liftoff exon    40878196        40878371        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40884080        40884343        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40885651        40885830        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40887905        40888244        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40889595        40889877        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40891579        40891639        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40896078        40896502        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40900575        40900854        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40902865        40902951        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40909930        40910110        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40911077        40911245        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40912857        40912971        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40919228        40919743        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40920994        40921059        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40923315        40923461        .       +
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        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40930137        40930230        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40932117        40932238        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40934098        40934146        .       +
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SM_V9_3 Liftoff exon    40936871        40936959        .       +
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SM_V9_3 Liftoff exon    40939286        40939364        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40940658        40940761        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40940890        40940956        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40942262        40942338        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40945107        40945179        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40945867        40945955        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40948448        40948741        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40952423        40952921        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40954031        40954155        .       +
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SM_V9_3 Liftoff exon    40956801        40956914        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40958104        40958349        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40959073        40959569        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff exon    40962441        40967580        .       +
        .       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40878360        40878371        .       +
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SM_V9_3 Liftoff CDS     40884080        40884343        .       +
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SM_V9_3 Liftoff CDS     40885651        40885830        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40887905        40888244        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40889595        40889877        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40891579        40891639        .       +
        1       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40896078        40896502        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40900575        40900854        .       +
        1       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40902865        40902951        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40909930        40910110        .       +
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        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40911077        40911245        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40912857        40912971        .       +
        1       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40919228        40919743        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40920994        40921059        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40923315        40923461        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40930137        40930230        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40932117        40932238        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40934098        40934146        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40936871        40936959        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40939286        40939364        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40940658        40940761        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40940890        40940956        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40942262        40942338        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40945107        40945179        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40945867        40945955        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40948448        40948741        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40952423        40952921        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40954031        40954155        .       +
        2       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40956801        40956914        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40958104        40958349        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40959073        40959569        .       +
        0       Parent=Smp_347950.2
SM_V9_3 Liftoff CDS     40962441        40962537        .       +
        1       Parent=Smp_347950.2
SM_V9_3 iris    gene    40905466        40907452        .       +
        .
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SM_V9_3 iris    mRNA    40905466        40907452        .       +
        .
ID=Smp_241490.1;Parent=Smp_241490;geneID=Smp_241490;gene_name=Smp_24
1490;owner=irisadmin@local.host;orig_id=Smp_241490.1;date_last_modif
ied=2022-08-19;Name=Smp_241490.1;product=Pineal
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opsin;date_creation=2022-08-19
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        .       Parent=Smp_241490.1;Name=3686fb22-8e43-4841-97da-
a8c0ef69c37f
SM_V9_3 iris    CDS     40905762        40906877        .       +
        0       Parent=Smp_241490.1
SM_V9_3 Liftoff gene    40926354        40928729        .       -
        .       ID=Smp_091950;geneID=Smp_091950
SM_V9_3 Liftoff mRNA    40926354        40928729        .       -
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ID=Smp_091950.1;Parent=Smp_091950;geneID=Smp_091950;product=P2Y
purinoceptor 2;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    40926354        40928729        .       -
        .       Parent=Smp_091950.1
SM_V9_3 Liftoff CDS     40927474        40928574        .       -
        0       Parent=Smp_091950.1
SM_V9_3 Liftoff gene    41019706        41021608        .       +
        .       ID=Smp_326670;geneID=Smp_326670
SM_V9_3 Liftoff mRNA    41019706        41021608        .       +
        .
ID=Smp_326670.1;Parent=Smp_326670;geneID=Smp_326670;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    41019706        41021608        .       +
        .       Parent=Smp_326670.1
SM_V9_3 Liftoff CDS     41019860        41021326        .       +
        0       Parent=Smp_326670.1
SM_V9_3 iris    gene    41088251        41090032        .       -
        .
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SM_V9_3 iris    mRNA    41088251        41090032        .       -
        .
ID=Smp_134960.1;Parent=Smp_134960;geneID=Smp_134960;gene_name=Smp_13
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ied=2022-08-19;Name=Smp_134960.1;product=Neuropeptide CCHamide-1
receptor;date_creation=2022-08-19
SM_V9_3 iris    exon    41088251        41090032        .       -
        .       Parent=Smp_134960.1;Name=Smp_134960.1-CDS
SM_V9_3 iris    CDS     41088701        41089894        .       -
        0       Parent=Smp_134960.1
SM_V9_3 Liftoff gene    41138427        41140672        .       -
        .       ID=Smp_023710;geneID=Smp_023710
SM_V9_3 Liftoff mRNA    41138427        41140672        .       -
        .
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n, GQ-coupled;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    41138427        41140672        .       -
        .       Parent=Smp_023710.1
SM_V9_3 Liftoff CDS     41139203        41140426        .       -
        0       Parent=Smp_023710.1
SM_V9_3 Liftoff gene    41192350        41194732        .       -
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        .       ID=Smp_117340;geneID=Smp_117340
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Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    41192350        41194732        .       -
        .       Parent=Smp_117340.1
SM_V9_3 Liftoff CDS     41193212        41194684        .       -
        0       Parent=Smp_117340.1
SM_V9_3 iris    gene    41204271        41205052        .       -
        .
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SM_V9_3 iris    mRNA    41204271        41205052        .       -
        .
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3700;owner=irisadmin@local.host;orig_id=Smp_023700.1;date_last_modif
ied=2022-08-19;Name=Smp_023700.1;product=Protein LSM12
homolog;date_creation=2022-08-19
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        .       Parent=Smp_023700.1;Name=7d27d941-7cee-41a6-
a6f8-1efeca7f46cf
SM_V9_3 iris    exon    41204404        41204545        .       -
        .
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SM_V9_3 iris    exon    41204584        41204690        .       -
        .
Parent=Smp_023700.1;Name=3b39f355-4369-46a2-8cb9-4b6570bb6676
SM_V9_3 iris    exon    41204730        41204857        .       -
        .       Parent=Smp_023700.1;Name=b292286d-b6e5-4995-
af2a-9982c2e22e87
SM_V9_3 iris    exon    41204908        41205052        .       -
        .       Parent=Smp_023700.1;Name=3f930cfc-7238-4f9b-81e7-
c7bd7f477e6e
SM_V9_3 iris    CDS     41204318        41204368        .       -
        0       Parent=Smp_023700.1
SM_V9_3 iris    CDS     41204404        41204545        .       -
        1       Parent=Smp_023700.1
SM_V9_3 iris    CDS     41204584        41204690        .       -
        0       Parent=Smp_023700.1
SM_V9_3 iris    CDS     41204730        41204857        .       -
        2       Parent=Smp_023700.1
SM_V9_3 iris    CDS     41204908        41205025        .       -
        0       Parent=Smp_023700.1
SM_V9_3 iris    gene    41213813        41214588        .       +
        .
ID=Smp_134950;geneID=Smp_134950;gene_name=Smp_134950;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_3 iris    mRNA    41213813        41214588        .       +
        .
ID=Smp_134950.1;Parent=Smp_134950;geneID=Smp_134950;gene_name=Smp_13
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2-08-19
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SM_V9_3 iris    exon    41213888        41214137        .       +
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ae8b-5bc289bab9ed
SM_V9_3 iris    exon    41214176        41214360        .       +
        .       Parent=Smp_134950.1;Name=5a094edf-3a7c-4918-
bd16-963381d8c1e8
SM_V9_3 iris    exon    41214396        41214588        .       +
        .       Parent=Smp_134950.1;Name=27a73c3c-9082-497d-
a8d0-26deac45bf4a
SM_V9_3 iris    CDS     41213850        41213852        .       +
        0       Parent=Smp_134950.1
SM_V9_3 iris    CDS     41213888        41214137        .       +
        0       Parent=Smp_134950.1
SM_V9_3 iris    CDS     41214176        41214360        .       +
        2       Parent=Smp_134950.1
SM_V9_3 iris    CDS     41214396        41214485        .       +
        0       Parent=Smp_134950.1
SM_V9_3 iris    gene    41231790        41240330        .       +
        .
ID=Smp_340430;geneID=Smp_340430;gene_name=Smp_340430;owner=irisadmin
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SM_V9_3 iris    mRNA    41231790        41240330        .       +
        .
ID=Smp_340430.1;Parent=Smp_340430;geneID=Smp_340430;gene_name=Smp_34
0430;owner=irisadmin@local.host;orig_id=Smp_340430.1;date_last_modif
ied=2022-08-22;Name=Smp_340430.1;product=partner
dicer;date_creation=2022-08-22
SM_V9_3 iris    exon    41231790        41231863        .       +
        .       Parent=Smp_340430.1;Name=67f6e0b4-2d52-4ffc-
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SM_V9_3 iris    exon    41237822        41238033        .       +
        .       Parent=Smp_340430.1;Name=ac79f447-e1b9-4486-
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SM_V9_3 iris    exon    41238071        41238420        .       +
        .
Parent=Smp_340430.1;Name=8b2dd95e-97e2-46b4-905a-161eb59a0a6a
SM_V9_3 iris    exon    41238453        41238580        .       +
        .       Parent=Smp_340430.1;Name=7e6ae356-
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SM_V9_3 iris    exon    41238616        41238847        .       +
        .       Parent=Smp_340430.1;Name=987d69bb-ee66-4c91-b2c1-
c374faf17382
SM_V9_3 iris    exon    41240092        41240330        .       +
        .       Parent=Smp_340430.1;Name=44cf2643-a4a6-45ab-
a641-3f6f832c4bd1
SM_V9_3 iris    CDS     41238123        41238420        .       +
        0       Parent=Smp_340430.1
SM_V9_3 iris    CDS     41238453        41238580        .       +
        2       Parent=Smp_340430.1
SM_V9_3 iris    CDS     41238616        41238847        .       +
```

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        0       Parent=Smp_340430.1
SM_V9_3 iris    CDS     41240092        41240285        .       +
        2       Parent=Smp_340430.1
SM_V9_3 iris    mRNA    41231790        41240330        .       +
        .
ID=Smp_340430.2;Parent=Smp_340430;geneID=Smp_340430;gene_name=Smp_34
0430;owner=irisadmin@local.host;date_last_modified=2022-08-22;Name=S
mp_340430.2;date_creation=2022-08-22
SM_V9_3 iris    exon    41231790        41231863        .       +
        .       Parent=Smp_340430.2;Name=e40760dc-
f29b-4748-9d55-74ec6846a669
SM_V9_3 iris    exon    41237835        41238033        .       +
        .       Parent=Smp_340430.2;Name=e771b33c-d55d-4088-
b6fe-28faa9990fe1
SM_V9_3 iris    exon    41238071        41238420        .       +
        .       Parent=Smp_340430.2;Name=8c9707df-8004-4c99-
a7f0-43a4f9af86de
SM_V9_3 iris    exon    41238453        41238580        .       +
        .       Parent=Smp_340430.2;Name=c5ab6586-7a2a-4a1c-8498-
f2aa2b425cc0
SM_V9_3 iris    exon    41238616        41238847        .       +
        .
Parent=Smp_340430.2;Name=ebf26a75-08b0-4db5-96fb-7feaff7919e2
SM_V9_3 iris    exon    41240092        41240330        .       +
        .
Parent=Smp_340430.2;Name=1f6dcd07-2335-4c91-9242-4a027e0588c6
SM_V9_3 iris    CDS     41238123        41238420        .       +
        0       Parent=Smp_340430.2
SM_V9_3 iris    CDS     41238453        41238580        .       +
        2       Parent=Smp_340430.2
SM_V9_3 iris    CDS     41238616        41238847        .       +
        0       Parent=Smp_340430.2
SM_V9_3 iris    CDS     41240092        41240285        .       +
        2       Parent=Smp_340430.2
SM_V9_3 iris    gene    41240457        41248828        .       -
        .
ID=Smp_023660;geneID=Smp_023660;gene_name=Smp_023660;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    41240457        41248828        .       -
        .
ID=Smp_023660.1;Parent=Smp_023660;geneID=Smp_023660;gene_name=Smp_02
3660;owner=irisadmin@local.host;orig_id=Smp_023660.1;date_last_modif
ied=2022-08-22;Name=Smp_023660.1;product=U3 small nucleolar
ribonucleoprotein protein MPP10;date_creation=2022-08-22
SM_V9_3 iris    exon    41240457        41240833        .       -
        .       Parent=Smp_023660.1;Name=e00a858b-1d0a-4ed9-80d1-
e40f1affbc3b
SM_V9_3 iris    exon    41244019        41244129        .       -
        .       Parent=Smp_023660.1;Name=5997eadf-
f8d6-4554-9b76-98eeb02720fd
SM_V9_3 iris    exon    41244161        41244283        .       -
        .       Parent=Smp_023660.1;Name=e878d9bd-
cf67-40f8-91a6-7b8e13a73720
SM_V9_3 iris    exon    41244317        41244378        .       -
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        .       Parent=Smp_023660.1;Name=2359cd6e-3feb-4684-b3a8-
d0ad42f07c55
SM_V9_3 iris    exon    41244413        41244554        .       -
        .       Parent=Smp_023660.1;Name=78a738b4-e2ae-492a-8fce-
d1a6a6530f86
SM_V9_3 iris    exon    41244595        41244704        .       -
        .       Parent=Smp_023660.1;Name=ef965ef6-448b-439a-b2d2-
df1bdd3fefa8
SM_V9_3 iris    exon    41248696        41248828        .       -
        .       Parent=Smp_023660.1;Name=87e0b6d3-a6bc-418e-a2df-
b1c516f32903
SM_V9_3 iris    CDS     41240525        41240833        .       -
        0       Parent=Smp_023660.1
SM_V9_3 iris    CDS     41244019        41244129        .       -
        0       Parent=Smp_023660.1
SM_V9_3 iris    CDS     41244161        41244283        .       -
        0       Parent=Smp_023660.1
SM_V9_3 iris    CDS     41244317        41244378        .       -
        2       Parent=Smp_023660.1
SM_V9_3 iris    CDS     41244413        41244554        .       -
        0       Parent=Smp_023660.1
SM_V9_3 iris    CDS     41244595        41244642        .       -
        0       Parent=Smp_023660.1
SM_V9_3 Liftoff gene    41259736        41280574        .       +
        .       ID=Smp_134940;geneID=Smp_134940
SM_V9_3 Liftoff mRNA    41259736        41280574        .       +
        .
ID=Smp_134940.1;Parent=Smp_134940;geneID=Smp_134940;product=Nitric
oxide-associated protein
1;polypeptide_domain=InterPro:IPR006073,IPR027417
Pfam:PF01926;Ontology_term=GO:0005525
SM_V9_3 Liftoff exon    41259736        41264224        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41264261        41264406        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41264441        41264652        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41266263        41266391        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41272045        41272194        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41272717        41273051        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41277372        41277551        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41278774        41279038        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff exon    41280228        41280574        .       +
        .       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41263718        41264224        .       +
        0       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41264261        41264406        .       +
        0       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41264441        41264652        .       +
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        1       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41266263        41266391        .       +
        2       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41272045        41272194        .       +
        2       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41272717        41273051        .       +
        2       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41277372        41277551        .       +
        0       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41278774        41279038        .       +
        0       Parent=Smp_134940.1
SM_V9_3 Liftoff CDS     41280228        41280499        .       +
        2       Parent=Smp_134940.1
SM_V9_3 Liftoff gene    41293646        41301426        .       +
        .       ID=Smp_134930;geneID=Smp_134930
SM_V9_3 Liftoff mRNA    41293646        41301426        .       +
        .
ID=Smp_134930.1;Parent=Smp_134930;geneID=Smp_134930;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    41293646        41294637        .       +
        .       Parent=Smp_134930.1
SM_V9_3 Liftoff exon    41298656        41298959        .       +
        .       Parent=Smp_134930.1
SM_V9_3 Liftoff exon    41300379        41301426        .       +
        .       Parent=Smp_134930.1
SM_V9_3 Liftoff CDS     41293870        41294637        .       +
        0       Parent=Smp_134930.1
SM_V9_3 Liftoff CDS     41298656        41298959        .       +
        0       Parent=Smp_134930.1
SM_V9_3 Liftoff CDS     41300379        41300440        .       +
        2       Parent=Smp_134930.1
SM_V9_3 iris    gene    41302237        41334242        .       -
        .
ID=Smp_023620;geneID=Smp_023620;gene_name=Smp_023620;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    41302237        41334242        .       -
        .
ID=Smp_023620.1;Parent=Smp_023620;geneID=Smp_023620;gene_name=Smp_02
3620;owner=irisadmin@local.host;orig_id=Smp_023620.1;date_last_modif
ied=2022-07-27;Name=Smp_023620.1;product=FERM domain-containing
protein 3;date_creation=2022-07-26
SM_V9_3 iris    exon    41302237        41303477        .       -
        .
Parent=Smp_023620.1;Name=d2955a3d-1503-4ec9-9769-9f59796a6a4f
SM_V9_3 iris    exon    41303612        41303775        .       -
        .       Parent=Smp_023620.1;Name=541233a0-87bd-495a-
bc2f-9b337e092b64
SM_V9_3 iris    exon    41305393        41305814        .       -
        .       Parent=Smp_023620.1;Name=060d9c7f-3427-43d5-a22c-
c4518804fdd3
SM_V9_3 iris    exon    41307670        41307735        .       -
        .       Parent=Smp_023620.1;Name=cab985be-40b0-4168-85c4-
a7c5db2e7937
SM_V9_3 iris    exon    41308035        41308112        .       -
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        .
Parent=Smp_023620.1;Name=c5a32bae-53be-4ce1-8851-1c9b8bf8da78
SM_V9_3 iris    exon    41310420        41310508        .       -
        .       Parent=Smp_023620.1;Name=d991651c-5700-44e2-
be57-313ff02dff21
SM_V9_3 iris    exon    41312163        41312183        .       -
        .       Parent=Smp_023620.1;Name=ba6db6a1-228e-4e43-be54-
dbe942cb1996
SM_V9_3 iris    exon    41313712        41313772        .       -
        .       Parent=Smp_023620.1;Name=0d5b7cc8-2947-4e99-
ab43-87e8f1fdd171
SM_V9_3 iris    exon    41318294        41318388        .       -
        .
Parent=Smp_023620.1;Name=fec59c43-435c-4d82-8f8a-97b983ff1fdd
SM_V9_3 iris    exon    41325036        41325123        .       -
        .       Parent=Smp_023620.1;Name=bcc90aaa-1556-46e8-ac25-
d53d13b085a2
SM_V9_3 iris    exon    41325831        41325975        .       -
        .       Parent=Smp_023620.1;Name=d5d876cb-cf4e-4d98-
b911-720dc5f084d1
SM_V9_3 iris    exon    41326112        41326209        .       -
        .
Parent=Smp_023620.1;Name=ffd8fb1d-60fe-4dbb-9f22-6be92921dd3e
SM_V9_3 iris    exon    41331229        41331310        .       -
        .       Parent=Smp_023620.1;Name=d43f43f6-48b9-45be-bc74-
bbb1169f1292
SM_V9_3 iris    exon    41331819        41331861        .       -
        .       Parent=Smp_023620.1;Name=14efc64c-5f10-43e0-
b97b-7f5fb2f8bf32
SM_V9_3 iris    exon    41332874        41332993        .       -
        .       Parent=Smp_023620.1;Name=200377aa-2320-4662-961f-
ade72348c1ce
SM_V9_3 iris    exon    41333864        41334242        .       -
        .       Parent=Smp_023620.1;Name=7eb2c4a2-4d95-4474-9d58-
b37dece76c05
SM_V9_3 iris    CDS     41303079        41303477        .       -
        0       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41303612        41303775        .       -
        2       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41305393        41305814        .       -
        1       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41307670        41307735        .       -
        1       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41308035        41308112        .       -
        1       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41310420        41310508        .       -
        0       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41312163        41312183        .       -
        0       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41313712        41313772        .       -
        1       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41318294        41318388        .       -
        0       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41325036        41325123        .       -
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        1       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41325831        41325975        .       -
        2       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41326112        41326209        .       -
        1       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41331229        41331310        .       -
        2       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41331819        41331861        .       -
        0       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41332874        41332993        .       -
        0       Parent=Smp_023620.1
SM_V9_3 iris    CDS     41333864        41333935        .       -
        0       Parent=Smp_023620.1
SM_V9_3 Liftoff gene    41344076        41435622        .       +
        .       ID=Smp_134910;geneID=Smp_134910
SM_V9_3 Liftoff mRNA    41344076        41435622        .       +
        .
ID=Smp_134910.1;Parent=Smp_134910;geneID=Smp_134910;product=Serine/
threonine kinase
SAD-1;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0
17441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_3 Liftoff exon    41344076        41345643        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41352504        41352598        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41352646        41352731        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41352787        41352839        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41352842        41352926        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41355248        41355364        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41364688        41364721        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41368474        41368542        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41373993        41374139        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41378607        41378641        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41390548        41390712        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41395669        41395769        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41410498        41410624        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41417892        41418960        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41424369        41425180        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41427456        41428182        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41429981        41430212        .       +
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        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41431761        41432131        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff exon    41433190        41435622        .       +
        .       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41345562        41345643        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41352504        41352598        .       +
        2       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41352646        41352731        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41352787        41352839        .       +
        1       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41352842        41352926        .       +
        2       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41355248        41355364        .       +
        1       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41364688        41364721        .       +
        1       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41368474        41368542        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41373993        41374139        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41378607        41378641        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41390548        41390712        .       +
        1       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41395669        41395769        .       +
        1       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41410498        41410624        .       +
        2       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41417892        41418960        .       +
        1       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41424369        41425180        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41427456        41428182        .       +
        1       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41429981        41430212        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41431761        41432131        .       +
        2       Parent=Smp_134910.1
SM_V9_3 Liftoff CDS     41433190        41433264        .       +
        0       Parent=Smp_134910.1
SM_V9_3 Liftoff gene    41467476        41500600        .       +
        .
ID=Smp_246270;geneID=Smp_246270;previous_systematic_id=Smp_023570,Sm
p_116630,Smp_134890
SM_V9_3 Liftoff mRNA    41467476        41500600        .       +
        .
ID=Smp_246270.1;Parent=Smp_246270;geneID=Smp_246270;product=ATP-
binding cassette sub-family B member 6,
mitochondrial;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR011
527,IPR017871,IPR027417,IPR032410
Pfam:PF00005,PF00664,PF16185;Ontology_term=GO:0005524,GO:0006810,GO:
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0016021,GO:0016887,GO:0042626,GO:0055085
SM_V9_3 Liftoff exon    41467476        41468100        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41469617        41469930        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41470243        41470525        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41475261        41475472        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41476535        41476644        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41479413        41479681        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41483062        41483211        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41487506        41487563        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41489223        41489372        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41493292        41493534        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff exon    41499848        41500600        .       +
        .       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41467601        41468100        .       +
        0       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41469617        41469930        .       +
        1       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41470243        41470525        .       +
        2       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41475261        41475472        .       +
        1       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41476535        41476644        .       +
        2       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41479413        41479681        .       +
        0       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41483062        41483211        .       +
        1       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41487506        41487563        .       +
        1       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41489223        41489372        .       +
        0       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41493292        41493534        .       +
        0       Parent=Smp_246270.1
SM_V9_3 Liftoff CDS     41499848        41500186        .       +
        0       Parent=Smp_246270.1
SM_V9_3 Liftoff gene    41508264        41519982        .       -
        .       ID=Smp_023550;geneID=Smp_023550
SM_V9_3 Liftoff mRNA    41508264        41519982        .       -
        .
ID=Smp_023550.1;Parent=Smp_023550;geneID=Smp_023550;product=Armadill
o segment polarity
protein;polypeptide_domain=InterPro:IPR000225,IPR011989,IPR013284,IP
R016024
Pfam:PF00514;Ontology_term=GO:0004871,GO:0005488,GO:0005515,GO:00343
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33
SM_V9_3 Liftoff exon    41508264        41509852        .       -
        .       Parent=Smp_023550.1
SM_V9_3 Liftoff exon    41511718        41512252        .       -
        .       Parent=Smp_023550.1
SM_V9_3 Liftoff exon    41513073        41513213        .       -
        .       Parent=Smp_023550.1
SM_V9_3 Liftoff exon    41518100        41518486        .       -
        .       Parent=Smp_023550.1
SM_V9_3 Liftoff exon    41518524        41519156        .       -
        .       Parent=Smp_023550.1
SM_V9_3 Liftoff exon    41519190        41519982        .       -
        .       Parent=Smp_023550.1
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SM_V9_3 Liftoff CDS     41513073        41513213        .       -
        0       Parent=Smp_023550.1
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        0       Parent=Smp_023550.1
SM_V9_3 Liftoff CDS     41518524        41519156        .       -
        0       Parent=Smp_023550.1
SM_V9_3 Liftoff CDS     41519190        41519891        .       -
        0       Parent=Smp_023550.1
SM_V9_3 Liftoff gene    41525116        41542220        .       +
        .       ID=Smp_134880;geneID=Smp_134880
SM_V9_3 Liftoff mRNA    41525116        41542220        .       +
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ID=Smp_134880.1;Parent=Smp_134880;geneID=Smp_134880;product=Snurport
in-1;polypeptide_domain=InterPro:IPR024721
Pfam:PF11538;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    41525116        41528973        .       +
        .       Parent=Smp_134880.1
SM_V9_3 Liftoff exon    41530763        41531017        .       +
        .       Parent=Smp_134880.1
SM_V9_3 Liftoff exon    41534682        41534753        .       +
        .       Parent=Smp_134880.1
SM_V9_3 Liftoff exon    41536722        41536802        .       +
        .       Parent=Smp_134880.1
SM_V9_3 Liftoff exon    41541650        41542220        .       +
        .       Parent=Smp_134880.1
SM_V9_3 Liftoff CDS     41528566        41528973        .       +
        0       Parent=Smp_134880.1
SM_V9_3 Liftoff CDS     41530763        41531017        .       +
        0       Parent=Smp_134880.1
SM_V9_3 Liftoff CDS     41534682        41534753        .       +
        0       Parent=Smp_134880.1
SM_V9_3 Liftoff CDS     41536722        41536802        .       +
        0       Parent=Smp_134880.1
SM_V9_3 Liftoff CDS     41541650        41541871        .       +
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SM_V9_3 iris    gene    41544163        41547179        .       -
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ied=2022-07-27;Name=Smp_333660.1;product=Nucleosome assembly protein
1-like 4;date_creation=2022-07-26
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       .       Parent=Smp_333660.1;Name=dcb626d9-fe1f-4785-bfc9-
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       .       Parent=Smp_333660.1;Name=431ba6e3-dfc1-4215-
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SM_V9_3 iris    exon    41545750        41545833        .       -
       .       Parent=Smp_333660.1;Name=9892c58b-
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SM_V9_3 iris    exon    41545866        41545979        .       -
       .       Parent=Smp_333660.1;Name=69b65223-5c49-4acf-
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       .       Parent=Smp_333660.1;Name=f68c1dae-8fb2-4178-831c-
e8ff02f9d158
SM_V9_3 iris    exon    41546065        41546213        .       -
       .       Parent=Smp_333660.1;Name=56335e89-4e7a-43d3-9e61-
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SM_V9_3 iris    exon    41546247        41546386        .       -
       .       Parent=Smp_333660.1;Name=b62e1cd2-
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SM_V9_3 iris    exon    41546602        41546743        .       -
       .
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       .       Parent=Smp_333660.1;Name=9e782f83-1db8-4714-
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SM_V9_3 iris    exon    41546950        41547031        .       -
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SM_V9_3 iris    exon    41547074        41547087        .       -
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SM_V9_3 iris    CDS     41545374        41545394        .       -
       0       Parent=Smp_333660.1
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SM_V9_3 iris    CDS     41545866        41545979        .       -
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SM_V9_3 iris    CDS     41546065        41546213        .       -
        1       Parent=Smp_333660.1
SM_V9_3 iris    CDS     41546247        41546386        .       -
        0       Parent=Smp_333660.1
SM_V9_3 iris    CDS     41546417        41546568        .       -
        2       Parent=Smp_333660.1
SM_V9_3 iris    CDS     41546602        41546743        .       -
        0       Parent=Smp_333660.1
SM_V9_3 iris    CDS     41546777        41546918        .       -
        1       Parent=Smp_333660.1
SM_V9_3 iris    CDS     41546950        41547031        .       -
        2       Parent=Smp_333660.1
SM_V9_3 iris    CDS     41547074        41547087        .       -
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SM_V9_3 iris    CDS     41547125        41547141        .       -
        0       Parent=Smp_333660.1
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        .       ID=Smp_134870;geneID=Smp_134870
SM_V9_3 Liftoff mRNA    41577587        41579434        .       +
        .
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growth response protein
1;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    41577587        41577873        .       +
        .       Parent=Smp_134870.1
SM_V9_3 Liftoff exon    41577961        41579434        .       +
        .       Parent=Smp_134870.1
SM_V9_3 Liftoff CDS     41577657        41577873        .       +
        0       Parent=Smp_134870.1
SM_V9_3 Liftoff CDS     41577961        41579051        .       +
        2       Parent=Smp_134870.1
SM_V9_3 iris    gene    41581854        41642787        .       -
        .
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ID=Smp_134860.1;Parent=Smp_134860;geneID=Smp_134860;gene_name=Smp_13
4860;owner=irisadmin@local.host;orig_id=Smp_134860.1;date_last_modif
ied=2022-08-21;Name=Smp_134860.1;product=eIF-2-alpha kinase
activator GCN1;date_creation=2022-08-21
SM_V9_3 iris    exon    41581854        41582245        .       -
        .       Parent=Smp_134860.1;Name=124728bf-3433-482a-91d4-
bc1ca233af41
SM_V9_3 iris    exon    41585290        41585529        .       -
        .       Parent=Smp_134860.1;Name=31ce7ecb-0077-43cc-
b583-9a29d2be7d1b
SM_V9_3 iris    exon    41585895        41586005        .       -
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        .       Parent=Smp_134860.1;Name=009cbde2-74ad-4635-9403-
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SM_V9_3 iris    exon    41592970        41593262        .       -
        .       Parent=Smp_134860.1;Name=ed67e1c0-8374-466a-91a1-
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        .       Parent=Smp_134860.1;Name=72faaf42-9e54-4a18-95cb-
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SM_V9_3 iris    exon    41594198        41594779        .       -
        .       Parent=Smp_134860.1;Name=37ed92be-13f7-4b93-a6d4-
fb4819b85993
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        .       Parent=Smp_134860.1;Name=7dcf6bb6-5618-4009-
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SM_V9_3 iris    exon    41596049        41596303        .       -
        .       Parent=Smp_134860.1;Name=f6a645b1-7962-451f-
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SM_V9_3 iris    exon    41597809        41597973        .       -
        .       Parent=Smp_134860.1;Name=75ea34ce-b423-46e3-a8ee-
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        .
Parent=Smp_134860.1;Name=36ad661a-899e-4864-81ac-952b8f90bdd3
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        .       Parent=Smp_134860.1;Name=f44704bc-8574-4005-b73f-
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SM_V9_3 iris    exon    41602050        41602184        .       -
        .       Parent=Smp_134860.1;Name=01f3ee87-9933-4172-94eb-
cbd8ee7229f5
SM_V9_3 iris    exon    41604254        41604474        .       -
        .       Parent=Smp_134860.1;Name=87bcdbb9-9cae-4325-a726-
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SM_V9_3 iris    exon    41605503        41605682        .       -
        .
Parent=Smp_134860.1;Name=37a0839d-0a1d-4078-9df0-2e9de67068d4
SM_V9_3 iris    exon    41607341        41607458        .       -
        .       Parent=Smp_134860.1;Name=935c99e3-2b2f-469a-8d70-
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SM_V9_3 iris    exon    41609122        41609243        .       -
        .       Parent=Smp_134860.1;Name=0c6e2246-9ed9-4062-
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SM_V9_3 iris    exon    41610342        41610591        .       -
        .       Parent=Smp_134860.1;Name=0d847058-aca5-4ae1-
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SM_V9_3 iris    exon    41612229        41612423        .       -
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SM_V9_3 iris    exon    41615603        41615885        .       -
        .       Parent=Smp_134860.1;Name=1c4a564e-17b1-4dfb-b716-
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SM_V9_3 iris    exon    41617718        41618160        .       -
        .       Parent=Smp_134860.1;Name=bf66e43c-9da4-4cae-8fee-
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SM_V9_3 iris    exon    41619292        41619606        .       -
        .       Parent=Smp_134860.1;Name=439b1ff1-
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SM_V9_3 iris    exon    41621905        41622216        .       -
        .       Parent=Smp_134860.1;Name=a6f7144f-bbdc-424e-8146-
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SM_V9_3 iris    exon    41623612        41624136        .       -
        .       Parent=Smp_134860.1;Name=948438db-5b29-4e95-
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SM_V9_3 iris    exon    41625635        41625884        .       -
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        .
Parent=Smp_134860.1;Name=a62f2789-889d-44aa-82a4-556efd9fc775
SM_V9_3 iris    exon    41630077        41630597        .       -
        .       Parent=Smp_134860.1;Name=a8eaa209-
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SM_V9_3 iris    exon    41630715        41630790        .       -
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SM_V9_3 iris    exon    41634555        41634633        .       -
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SM_V9_3 iris    exon    41635673        41635770        .       -
        .       Parent=Smp_134860.1;Name=8aaa5e63-e9d4-4f6f-9d2a-
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SM_V9_3 iris    exon    41637915        41638086        .       -
        .
Parent=Smp_134860.1;Name=34f4a6a5-7f31-49fe-86d0-665e7d8f35a9
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        .
Parent=Smp_134860.1;Name=d8857aee-3aa5-4460-95f9-7d66c746fc2d
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        .       Parent=Smp_134860.1;Name=d3b13d84-7e75-4202-be00-
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        .       Parent=Smp_134860.1;Name=06e47177-e417-487b-bf5a-
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SM_V9_3 iris    exon    41642309        41642402        .       -
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SM_V9_3 iris    exon    41642444        41642627        .       -
        .
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SM_V9_3 iris    CDS     41582114        41582245        .       -
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SM_V9_3 iris    CDS     41585290        41585529        .       -
        0       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41585895        41586005        .       -
        0       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41587862        41588013        .       -
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SM_V9_3 iris    CDS     41592970        41593262        .       -
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SM_V9_3 iris    CDS     41599834        41600049        .       -
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SM_V9_3 iris    CDS     41602050        41602184        .       -
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        2       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41605503        41605682        .       -
        2       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41607341        41607458        .       -
        0       Parent=Smp_134860.1
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SM_V9_3 iris    CDS     41610342        41610591        .       -
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SM_V9_3 iris    CDS     41619292        41619606        .       -
        0       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41621905        41622216        .       -
        0       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41623612        41624136        .       -
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SM_V9_3 iris    CDS     41625635        41625884        .       -
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SM_V9_3 iris    CDS     41638993        41639177        .       -
        2       Parent=Smp_134860.1
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        0       Parent=Smp_134860.1
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        0       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41642004        41642138        .       -
        0       Parent=Smp_134860.1
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SM_V9_3 iris    CDS     41642444        41642627        .       -
        2       Parent=Smp_134860.1
SM_V9_3 iris    CDS     41642657        41642726        .       -
        0       Parent=Smp_134860.1
SM_V9_3 Liftoff gene    41669259        41701881        .       +
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ID=Smp_309430;geneID=Smp_309430;previous_systematic_id=Smp_134850,Sm
p_145260
SM_V9_3 Liftoff mRNA    41669259        41701881        .       +
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ID=Smp_309430.1;Parent=Smp_309430;geneID=Smp_309430;product=Structur
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3;polypeptide_domain=InterPro:IPR003395,IPR010935,IPR024704,IPR02741
7
Pfam:PF02463,PF06470;Ontology_term=GO:0005515,GO:0005524,GO:0005694,
GO:0051276
SM_V9_3 Liftoff exon    41669259        41669636        .       +
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SM_V9_3 Liftoff exon    41669881        41669960        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41670000        41670078        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41670946        41671063        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41673133        41673389        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41678350        41678660        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41679538        41679772        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41680692        41680883        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41681655        41681927        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41684763        41684913        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41686298        41686517        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41688486        41688633        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41689355        41689467        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41690875        41691031        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41691978        41692178        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41694060        41694146        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41696194        41696406        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41697509        41697589        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41698466        41698840        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff exon    41701266        41701881        .       +
        .       Parent=Smp_309430.1
SM_V9_3 Liftoff CDS     41669546        41669636        .       +
        0       Parent=Smp_309430.1
SM_V9_3 Liftoff CDS     41669670        41669848        .       +
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SM_V9_3 Liftoff CDS     41669881        41669960        .       +
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SM_V9_3 Liftoff CDS     41673133        41673389        .       +
        2       Parent=Smp_309430.1
SM_V9_3 Liftoff CDS     41678350        41678660        .       +
        0       Parent=Smp_309430.1
SM_V9_3 Liftoff CDS     41679538        41679772        .       +
        1       Parent=Smp_309430.1
SM_V9_3 Liftoff CDS     41680692        41680883        .       +
        0       Parent=Smp_309430.1
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SM_V9_3 Liftoff CDS     41697509        41697589        .       +
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p_134830,Smp_134840
SM_V9_3 Liftoff mRNA    41704505        41859400        .       -
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SM_V9_3 Liftoff exon    41704505        41705710        .       -
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SM_V9_3 Liftoff exon    41707030        41707568        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41709018        41709144        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41713279        41713601        .       -
        .       Parent=Smp_246290.1
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SM_V9_3 Liftoff exon    41715052        41715460        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41724448        41724629        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41730753        41730829        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41732146        41732214        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41758300        41758403        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41762308        41762431        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41767832        41767902        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41771622        41771750        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41775551        41775671        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41777417        41777494        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41790583        41790781        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41827223        41827346        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41828465        41828532        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41832095        41833187        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41835778        41835822        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41837704        41837835        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41850162        41850298        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41852893        41852973        .       -
        .       Parent=Smp_246290.1
SM_V9_3 Liftoff exon    41859254        41859400        .       -
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SM_V9_3 Liftoff CDS     41705054        41705710        .       -
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SM_V9_3 Liftoff CDS     41707030        41707568        .       -
        2       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41709018        41709144        .       -
        0       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41713279        41713601        .       -
        2       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41715052        41715460        .       -
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SM_V9_3 Liftoff CDS     41724448        41724629        .       -
        2       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41730753        41730829        .       -
        1       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41732146        41732214        .       -
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SM_V9_3 Liftoff CDS     41758300        41758403        .       -
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SM_V9_3 Liftoff CDS     41762308        41762431        .       -
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SM_V9_3 Liftoff CDS     41767832        41767902        .       -
        0       Parent=Smp_246290.1
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        0       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41775551        41775671        .       -
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SM_V9_3 Liftoff CDS     41777417        41777494        .       -
        1       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41790583        41790781        .       -
        2       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41827223        41827346        .       -
        0       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41828465        41828532        .       -
        2       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41832095        41833187        .       -
        0       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41835778        41835822        .       -
        0       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41837704        41837835        .       -
        0       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41850162        41850298        .       -
        2       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41852893        41852973        .       -
        2       Parent=Smp_246290.1
SM_V9_3 Liftoff CDS     41859254        41859350        .       -
        0       Parent=Smp_246290.1
SM_V9_3 Liftoff gene    41716334        41718935        .       +
        .       ID=Smp_023470;geneID=Smp_023470
SM_V9_3 Liftoff mRNA    41716334        41718935        .       +
        .
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5422,IPR015424
Pfam:PF00266;Ontology_term=GO:0003824,GO:0005737,GO:0006569,GO:00094
35,GO:0030170,GO:0030429
SM_V9_3 Liftoff exon    41716334        41718935        .       +
        .       Parent=Smp_023470.1
SM_V9_3 Liftoff CDS     41716641        41718134        .       +
        0       Parent=Smp_023470.1
SM_V9_3 Liftoff gene    41800454        41803742        .       +
        .       ID=Smp_134820;geneID=Smp_134820
SM_V9_3 Liftoff mRNA    41800454        41803742        .       +
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ID=Smp_134820.1;Parent=Smp_134820;geneID=Smp_134820;product=Octopami
ne receptor 2;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    41800454        41803742        .       +
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SM_V9_3 Liftoff CDS     41800506        41803343        .       +
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SM_V9_3 Liftoff mRNA    41864905        41866160        .       -
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ID=Smp_326690.1;Parent=Smp_326690;geneID=Smp_326690;product=ER
membrane protein complex subunit 2
SM_V9_3 Liftoff exon    41864905        41866160        .       -
        .       Parent=Smp_326690.1
SM_V9_3 Liftoff CDS     41865017        41865295        .       -
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SM_V9_3 iris    gene    41867524        41874264        .       +
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    41867524        41874264        .       +
        .
ID=Smp_134800.1;Parent=Smp_134800;geneID=Smp_134800;gene_name=Smp_13
4800;owner=irisadmin@local.host;orig_id=Smp_134800.1;date_last_modif
ied=2022-07-27;Name=Smp_134800.1;product=Macrophage colony-
stimulating factor 1 receptor 1;date_creation=2022-07-26
SM_V9_3 iris    exon    41867524        41868709        .       +
        .       Parent=Smp_134800.1;Name=45e36ee5-a432-406a-a2d1-
c2416ccd67c3
SM_V9_3 iris    exon    41868760        41868887        .       +
        .       Parent=Smp_134800.1;Name=ba7306fa-e73c-46a1-
b1eb-06c127dfada1
SM_V9_3 iris    exon    41870395        41874264        .       +
        .       Parent=Smp_134800.1;Name=d0cfe3a5-6299-445b-9b81-
b7cb0f9130e5
SM_V9_3 iris    CDS     41867794        41868709        .       +
        0       Parent=Smp_134800.1
SM_V9_3 iris    CDS     41868760        41868887        .       +
        2       Parent=Smp_134800.1
SM_V9_3 iris    CDS     41870395        41874072        .       +
        0       Parent=Smp_134800.1
SM_V9_3 Liftoff gene    41890827        41903900        .       -
        .       ID=Smp_134790;geneID=Smp_134790
SM_V9_3 Liftoff mRNA    41890827        41903900        .       -
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11;polypeptide_domain=InterPro:IPR006809,IPR009072
Pfam:PF04719;Ontology_term=GO:0005634,GO:0006367,GO:0046982
SM_V9_3 Liftoff exon    41890827        41891049        .       -
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SM_V9_3 Liftoff exon    41895977        41896073        .       -
        .       Parent=Smp_134790.1
SM_V9_3 Liftoff exon    41901118        41901552        .       -
        .       Parent=Smp_134790.1
SM_V9_3 Liftoff exon    41903446        41903900        .       -
        .       Parent=Smp_134790.1
SM_V9_3 Liftoff CDS     41890922        41891049        .       -
        2       Parent=Smp_134790.1
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SM_V9_3 Liftoff CDS     41903446        41903640        .       -
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        .       Parent=Smp_342930.1
SM_V9_3 Liftoff exon    41911965        41912507        .       -
        .       Parent=Smp_342930.1
SM_V9_3 Liftoff exon    41913293        41913704        .       -
        .       Parent=Smp_342930.1
SM_V9_3 Liftoff exon    41916743        41917090        .       -
        .       Parent=Smp_342930.1
SM_V9_3 Liftoff CDS     41909897        41911148        .       -
        1       Parent=Smp_342930.1
SM_V9_3 Liftoff CDS     41911965        41912507        .       -
        1       Parent=Smp_342930.1
SM_V9_3 Liftoff CDS     41913293        41913704        .       -
        2       Parent=Smp_342930.1
SM_V9_3 Liftoff CDS     41916743        41917046        .       -
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        .       Parent=Smp_346950.1
SM_V9_3 Liftoff exon    41935929        41937270        .       -
        .       Parent=Smp_346950.1
SM_V9_3 Liftoff CDS     41934765        41934977        .       -
        0       Parent=Smp_346950.1
SM_V9_3 Liftoff CDS     41935929        41937248        .       -
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SM_V9_3 iris    mRNA    41945473        41989438        .       -
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ID=Smp_342920.1;Parent=Smp_342920;geneID=Smp_342920;gene_name=Smp_34
2920;owner=irisadmin@local.host;orig_id=Smp_342920.1;date_last_modif
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        .
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        .       Parent=Smp_342920.1;Name=5e402190-605f-4583-87e9-
b4b323cc6724
SM_V9_3 iris    exon    41954748        41955281        .       -
        .       Parent=Smp_342920.1;Name=ae54b791-62e4-432d-bbcc-
d7d74757e5da
SM_V9_3 iris    exon    41956945        41957119        .       -
        .
Parent=Smp_342920.1;Name=9ab3adaa-0645-4e4c-9936-919323e6a35c
SM_V9_3 iris    exon    41957638        41957775        .       -
        .       Parent=Smp_342920.1;Name=fb0a6469-b4d8-4cbd-89cb-
b5f650ca4d09
SM_V9_3 iris    exon    41958743        41958879        .       -
        .       Parent=Smp_342920.1;Name=e296e288-41f1-47d0-
adda-271b771600eb
SM_V9_3 iris    exon    41961774        41962100        .       -
        .       Parent=Smp_342920.1;Name=58c84085-380e-46a7-902b-
eac263fc2ad3
SM_V9_3 iris    exon    41977300        41979002        .       -
        .       Parent=Smp_342920.1;Name=9b60b1ca-2722-419e-b209-
c9257928da69
SM_V9_3 iris    exon    41989398        41989438        .       -
        .       Parent=Smp_342920.1;Name=89535c52-c3de-4e6d-8ba7-
d35c0960e429
SM_V9_3 iris    CDS     41948868        41949138        .       -
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SM_V9_3 iris    CDS     41951755        41951825        .       -
        0       Parent=Smp_342920.1
SM_V9_3 iris    CDS     41954748        41955281        .       -
        0       Parent=Smp_342920.1
SM_V9_3 iris    CDS     41956945        41957119        .       -
        1       Parent=Smp_342920.1
SM_V9_3 iris    CDS     41957638        41957775        .       -
        1       Parent=Smp_342920.1
SM_V9_3 iris    CDS     41958743        41958879        .       -
        0       Parent=Smp_342920.1
SM_V9_3 iris    CDS     41961774        41962100        .       -
        0       Parent=Smp_342920.1
SM_V9_3 iris    CDS     41977300        41979000        .       -
        0       Parent=Smp_342920.1
SM_V9_3 iris    gene    41998608        42013003        .       +
        .
ID=Smp_023360;geneID=Smp_023360;gene_name=Smp_023360;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    41998608        42013003        .       +
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ied=2022-07-27;Name=Smp_023360.1;product=Histidine--tRNA ligase,
cytoplasmic;date_creation=2022-07-26
SM_V9_3 iris    exon    41998608        41998702        .       +
        .
Parent=Smp_023360.1;Name=31c09213-8f4f-4fa6-883c-10e0174c7cd4
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        .       Parent=Smp_023360.1;Name=15786e7f-15f3-4e11-
a817-6a62e52e2f32
SM_V9_3 iris    exon    41998830        41998907        .       +
        .       Parent=Smp_023360.1;Name=3be0da25-74fb-4ed7-
a875-530436af5537
SM_V9_3 iris    exon    41998939        41999058        .       +
        .       Parent=Smp_023360.1;Name=062f166c-3677-47de-
a24e-7288c4605b7a
SM_V9_3 iris    exon    41999094        41999189        .       +
        .       Parent=Smp_023360.1;Name=2734fe56-e5db-4d57-
a8b9-218716d01f63
SM_V9_3 iris    exon    41999224        41999349        .       +
        .       Parent=Smp_023360.1;Name=c299e97c-
c9b8-45c2-8042-0b1e9b532a32
SM_V9_3 iris    exon    42001134        42001340        .       +
        .       Parent=Smp_023360.1;Name=65e711bf-8e6e-40cc-
afd3-358d3167a329
SM_V9_3 iris    exon    42007108        42007402        .       +
        .       Parent=Smp_023360.1;Name=e1a9be0c-5cac-43ae-a591-
d3a7877d224a
SM_V9_3 iris    exon    42009496        42009914        .       +
        .       Parent=Smp_023360.1;Name=e75b777b-9177-445a-
a0e0-3ebdda566732
SM_V9_3 iris    exon    42012682        42013003        .       +
        .       Parent=Smp_023360.1;Name=4fb1e653-766e-40e5-
a76c-5bb8a892f83e
SM_V9_3 iris    CDS     41998737        41998790        .       +
        0       Parent=Smp_023360.1
SM_V9_3 iris    CDS     41998830        41998907        .       +
        0       Parent=Smp_023360.1
SM_V9_3 iris    CDS     41998939        41999058        .       +
        0       Parent=Smp_023360.1
SM_V9_3 iris    CDS     41999094        41999189        .       +
        0       Parent=Smp_023360.1
SM_V9_3 iris    CDS     41999224        41999349        .       +
        0       Parent=Smp_023360.1
SM_V9_3 iris    CDS     42001134        42001340        .       +
        0       Parent=Smp_023360.1
SM_V9_3 iris    CDS     42007108        42007402        .       +
        0       Parent=Smp_023360.1
SM_V9_3 iris    CDS     42009496        42009914        .       +
        2       Parent=Smp_023360.1
SM_V9_3 iris    CDS     42012682        42012897        .       +
        0       Parent=Smp_023360.1
SM_V9_3 Liftoff gene    42016362        42033140        .       -
        .       ID=Smp_134720;geneID=Smp_134720
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SM_V9_3 Liftoff mRNA    42016362        42033140        .       -
        .
ID=Smp_134720.1;Parent=Smp_134720;geneID=Smp_134720;product=Major
facilitator superfamily domain-containing protein
12;polypeptide_domain=InterPro:IPR020846 Pfam:PF13347
SM_V9_3 Liftoff exon    42016362        42017320        .       -
        .       Parent=Smp_134720.1
SM_V9_3 Liftoff exon    42018746        42018883        .       -
        .       Parent=Smp_134720.1
SM_V9_3 Liftoff exon    42021585        42021799        .       -
        .       Parent=Smp_134720.1
SM_V9_3 Liftoff exon    42024629        42025124        .       -
        .       Parent=Smp_134720.1
SM_V9_3 Liftoff exon    42032512        42033140        .       -
        .       Parent=Smp_134720.1
SM_V9_3 Liftoff CDS     42016802        42017320        .       -
        0       Parent=Smp_134720.1
SM_V9_3 Liftoff CDS     42018746        42018883        .       -
        0       Parent=Smp_134720.1
SM_V9_3 Liftoff CDS     42021585        42021799        .       -
        2       Parent=Smp_134720.1
SM_V9_3 Liftoff CDS     42024629        42025124        .       -
        0       Parent=Smp_134720.1
SM_V9_3 Liftoff CDS     42032512        42032967        .       -
        0       Parent=Smp_134720.1
SM_V9_3 Liftoff gene    42060174        42068133        .       +
        .       ID=Smp_309500;geneID=Smp_309500
SM_V9_3 Liftoff mRNA    42060174        42068133        .       +
        .
ID=Smp_309500.1;Parent=Smp_309500;geneID=Smp_309500;product=Major
facilitator superfamily domain-containing protein
12;polypeptide_domain=InterPro:IPR020846 Pfam:PF13347
SM_V9_3 Liftoff exon    42060174        42060651        .       +
        .       Parent=Smp_309500.1
SM_V9_3 Liftoff exon    42061694        42062159        .       +
        .       Parent=Smp_309500.1
SM_V9_3 Liftoff exon    42065414        42065628        .       +
        .       Parent=Smp_309500.1
SM_V9_3 Liftoff exon    42066385        42066522        .       +
        .       Parent=Smp_309500.1
SM_V9_3 Liftoff exon    42067525        42068133        .       +
        .       Parent=Smp_309500.1
SM_V9_3 Liftoff CDS     42060196        42060651        .       +
        0       Parent=Smp_309500.1
SM_V9_3 Liftoff CDS     42061694        42062159        .       +
        0       Parent=Smp_309500.1
SM_V9_3 Liftoff CDS     42065414        42065628        .       +
        2       Parent=Smp_309500.1
SM_V9_3 Liftoff CDS     42066385        42066522        .       +
        0       Parent=Smp_309500.1
SM_V9_3 Liftoff CDS     42067525        42068067        .       +
        0       Parent=Smp_309500.1
SM_V9_3 Liftoff gene    42094983        42103360        .       -
        .
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ID=Smp_309510;geneID=Smp_309510;previous_systematic_id=Smp_119580,Sm
p_134710
SM_V9_3 Liftoff mRNA    42094983        42103360        .       -
        .
ID=Smp_309510.1;Parent=Smp_309510;geneID=Smp_309510;product=Major
facilitator superfamily domain-containing protein
12;polypeptide_domain=InterPro:IPR020846 Pfam:PF13347
SM_V9_3 Liftoff exon    42094983        42095675        .       -
        .       Parent=Smp_309510.1
SM_V9_3 Liftoff exon    42096703        42096840        .       -
        .       Parent=Smp_309510.1
SM_V9_3 Liftoff exon    42097597        42097811        .       -
        .       Parent=Smp_309510.1
SM_V9_3 Liftoff exon    42100627        42101092        .       -
        .       Parent=Smp_309510.1
SM_V9_3 Liftoff exon    42102528        42103360        .       -
        .       Parent=Smp_309510.1
SM_V9_3 Liftoff CDS     42095133        42095675        .       -
        0       Parent=Smp_309510.1
SM_V9_3 Liftoff CDS     42096703        42096840        .       -
        0       Parent=Smp_309510.1
SM_V9_3 Liftoff CDS     42097597        42097811        .       -
        2       Parent=Smp_309510.1
SM_V9_3 Liftoff CDS     42100627        42101092        .       -
        0       Parent=Smp_309510.1
SM_V9_3 Liftoff CDS     42102528        42102983        .       -
        0       Parent=Smp_309510.1
SM_V9_3 iris    gene    42123511        42134731        .       -
        .
ID=Smp_350060;geneID=Smp_350060;gene_name=Smp_350060;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_3 iris    mRNA    42123509        42134752        .       -
        .
ID=Smp_350060.1;Parent=Smp_350060;geneID=Smp_350060;gene_name=Smp_35
0060;owner=irisadmin@local.host;date_last_modified=2022-08-21;Name=S
mp_350060.1;date_creation=2022-08-21
SM_V9_3 iris    exon    42123509        42125691        .       -
        .       Parent=Smp_350060.1;Name=Smp_350060.1-CDS
SM_V9_3 iris    exon    42126800        42126937        .       -
        .       Parent=Smp_350060.1;Name=41d4ca92-2deb-4453-
a06d-3218a4e834eb
SM_V9_3 iris    exon    42130129        42130340        .       -
        .       Parent=Smp_350060.1;Name=04fb0b36-
cd2c-4992-9003-6785c2d172df
SM_V9_3 iris    exon    42132731        42133200        .       -
        .
Parent=Smp_350060.1;Name=4fba77a9-1746-45ba-8def-853c0db6edce
SM_V9_3 iris    exon    42134161        42134752        .       -
        .       Parent=Smp_350060.1;Name=0ff8cd3f-23eb-4d03-8ef0-
e33247cc0bb9
SM_V9_3 iris    CDS     42125149        42125691        .       -
        0       Parent=Smp_350060.1
SM_V9_3 iris    CDS     42126800        42126937        .       -
        0       Parent=Smp_350060.1
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SM_V9_3 iris    CDS     42130129        42130340        .       -
        2       Parent=Smp_350060.1
SM_V9_3 iris    CDS     42132731        42132740        .       -
        0       Parent=Smp_350060.1
SM_V9_3 iris    gene    42152255        42171716        .       +
        .
ID=Smp_335880;geneID=Smp_335880;gene_name=Smp_335880;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    42152255        42171716        .       +
        .
ID=Smp_335880.1;Parent=Smp_335880;geneID=Smp_335880;gene_name=Smp_33
5880;owner=irisadmin@local.host;orig_id=Smp_335880.1;date_last_modif
ied=2022-08-22;Name=Smp_335880.1;product=Major facilitator
superfamily domain-containing protein 12;date_creation=2022-08-22
SM_V9_3 iris    exon    42152255        42152887        .       +
        .       Parent=Smp_335880.1;Name=0aa270da-
a232-4270-857b-8de689854eab
SM_V9_3 iris    exon    42162261        42162756        .       +
        .
Parent=Smp_335880.1;Name=ddc75423-0c6f-40c2-98fc-205b3d67b46a
SM_V9_3 iris    exon    42166272        42166486        .       +
        .       Parent=Smp_335880.1;Name=39f249f4-
de7c-46ff-831c-76dac165e646
SM_V9_3 iris    exon    42169615        42169752        .       +
        .       Parent=Smp_335880.1;Name=3b48f962-802c-460e-9552-
a5f8d8cef00e
SM_V9_3 iris    exon    42170752        42171716        .       +
        .       Parent=Smp_335880.1;Name=05171cc9-76cb-4668-
b039-7d51be62ab8f
SM_V9_3 iris    CDS     42152432        42152887        .       +
        0       Parent=Smp_335880.1
SM_V9_3 iris    CDS     42162261        42162756        .       +
        0       Parent=Smp_335880.1
SM_V9_3 iris    CDS     42166272        42166486        .       +
        2       Parent=Smp_335880.1
SM_V9_3 iris    CDS     42169615        42169752        .       +
        0       Parent=Smp_335880.1
SM_V9_3 iris    CDS     42170752        42171246        .       +
        0       Parent=Smp_335880.1
SM_V9_3 iris    gene    42173083        42205571        .       -
        .
ID=Smp_333670;geneID=Smp_333670;gene_name=Smp_333670;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    42173083        42205571        .       -
        .
ID=Smp_333670.1;Parent=Smp_333670;geneID=Smp_333670;gene_name=Smp_33
3670;owner=irisadmin@local.host;orig_id=Smp_333670.1;date_last_modif
ied=2022-08-22;Name=Smp_333670.1;product=Glutamate receptor
ionotropic, delta-1;date_creation=2022-08-22
SM_V9_3 iris    exon    42173083        42173734        .       -
        .       Parent=Smp_333670.1;Name=f711922b-8966-4b31-bf42-
a62919f9d1e4
SM_V9_3 iris    exon    42175179        42175438        .       -
        .       Parent=Smp_333670.1;Name=c3c00579-d967-45c8-b486-
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ebdf05d01c7e
SM_V9_3 iris    exon    42176565        42176779        .       -
        .       Parent=Smp_333670.1;Name=c2c9da2f-1142-4a39-9bef-
c593d4213f6c
SM_V9_3 iris    exon    42177643        42177954        .       -
        .       Parent=Smp_333670.1;Name=6bb21e6d-9723-4d2a-a140-
adae287ef6a4
SM_V9_3 iris    exon    42181835        42181899        .       -
        .       Parent=Smp_333670.1;Name=00427451-28c9-4232-
a478-55680a596d3f
SM_V9_3 iris    exon    42182741        42182850        .       -
        .       Parent=Smp_333670.1;Name=6aa56409-a4dc-4f6d-bed0-
b4d318b60542
SM_V9_3 iris    exon    42187998        42188165        .       -
        .       Parent=Smp_333670.1;Name=9265e7e1-409d-4504-8cb2-
a835e2d111c2
SM_V9_3 iris    exon    42190887        42191123        .       -
        .       Parent=Smp_333670.1;Name=7cb59feb-5bc8-4b06-
be37-57f98fe1127d
SM_V9_3 iris    exon    42193813        42194033        .       -
        .       Parent=Smp_333670.1;Name=c470475a-2b3e-4cfa-bb71-
d80d01e853e3
SM_V9_3 iris    exon    42198088        42198366        .       -
        .
Parent=Smp_333670.1;Name=2860bdd8-01c5-4ba3-938d-9bf329405348
SM_V9_3 iris    exon    42199555        42199722        .       -
        .       Parent=Smp_333670.1;Name=ff6beda5-
c125-4180-8dd3-6da38abad04a
SM_V9_3 iris    exon    42205453        42205571        .       -
        .       Parent=Smp_333670.1;Name=3932f26b-00f2-45be-a910-
f99a151a40ae
SM_V9_3 iris    CDS     42173305        42173734        .       -
        1       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42175179        42175438        .       -
        0       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42176565        42176779        .       -
        2       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42177643        42177954        .       -
        2       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42181835        42181899        .       -
        1       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42182741        42182850        .       -
        0       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42187998        42188165        .       -
        0       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42190887        42191123        .       -
        0       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42193813        42194033        .       -
        2       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42198088        42198366        .       -
        2       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42199555        42199722        .       -
        2       Parent=Smp_333670.1
SM_V9_3 iris    CDS     42205453        42205531        .       -
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        0       Parent=Smp_333670.1
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        .       ID=Smp_026880;geneID=Smp_026880
SM_V9_3 Liftoff mRNA    42210325        42224661        .       -
        .
ID=Smp_026880.1;Parent=Smp_026880;geneID=Smp_026880;product=Histone
H3,
embryonic;polypeptide_domain=InterPro:IPR000164,IPR009072;Ontology_t
erm=GO:0000786,GO:0003677,GO:0046982
SM_V9_3 Liftoff exon    42210325        42210450        .       -
        .       Parent=Smp_026880.1
SM_V9_3 Liftoff exon    42224524        42224661        .       -
        .       Parent=Smp_026880.1
SM_V9_3 Liftoff CDS     42210325        42210450        .       -
        0       Parent=Smp_026880.1
SM_V9_3 Liftoff CDS     42224524        42224661        .       -
        0       Parent=Smp_026880.1
SM_V9_3 iris    gene    42226615        42280023        .       +
        .
ID=Smp_136710;geneID=Smp_136710;gene_name=Smp_136710;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-07-26
SM_V9_3 iris    mRNA    42226615        42280023        .       +
        .
ID=Smp_136710.1;Parent=Smp_136710;geneID=Smp_136710;gene_name=Smp_13
6710;owner=irisadmin@local.host;orig_id=Smp_136710.1;date_last_modif
ied=2022-07-27;Name=Smp_136710.1;product=calcium transporting
atpase;date_creation=2022-07-26
SM_V9_3 iris    exon    42226615        42226921        .       +
        .
Parent=Smp_136710.1;Name=b3b4eeab-58df-4e52-94ba-3a7c9cae95bc
SM_V9_3 iris    exon    42230413        42230430        .       +
        .
Parent=Smp_136710.1;Name=d150940e-98a5-4305-9110-28a65a2d87ec
SM_V9_3 iris    exon    42232622        42232704        .       +
        .       Parent=Smp_136710.1;Name=93d38dc3-6348-4c7a-a6cb-
d1034be7fcae
SM_V9_3 iris    exon    42238170        42238274        .       +
        .
Parent=Smp_136710.1;Name=fb815e50-3ce1-4c62-83ec-6f1eef13a893
SM_V9_3 iris    exon    42240125        42240263        .       +
        .
Parent=Smp_136710.1;Name=af50dbf3-641e-4110-9f5e-9494dbd2b857
SM_V9_3 iris    exon    42244017        42244339        .       +
        .       Parent=Smp_136710.1;Name=56055af4-279d-45da-a8fc-
f86214a6f43a
SM_V9_3 iris    exon    42252476        42252873        .       +
        .       Parent=Smp_136710.1;Name=87d3455b-
f22d-44b5-82bf-99764c4db94b
SM_V9_3 iris    exon    42255454        42255697        .       +
        .       Parent=Smp_136710.1;Name=a67f2c76-2fcd-49c2-
b9c1-9f086c0fae75
SM_V9_3 iris    exon    42257740        42258102        .       +
        .       Parent=Smp_136710.1;Name=2cad99c2-
c94e-43cb-92a6-6acc06bd5cb8
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SM_V9_3 iris    exon    42259396        42259731        .       +
        .
Parent=Smp_136710.1;Name=6fa3f9c6-34f4-4303-950f-566159dbdbf1
SM_V9_3 iris    exon    42260719        42260932        .       +
        .       Parent=Smp_136710.1;Name=051c38fc-3bec-4249-8b99-
e30bbcff0f4c
SM_V9_3 iris    exon    42264170        42264465        .       +
        .       Parent=Smp_136710.1;Name=feac0bdf-3b96-493b-
a714-21e342b377c2
SM_V9_3 iris    exon    42269357        42269490        .       +
        .       Parent=Smp_136710.1;Name=f0f0fe0c-faec-4601-bffe-
cb22f7b9a4e5
SM_V9_3 iris    exon    42274498        42274615        .       +
        .
Parent=Smp_136710.1;Name=f8858a6a-643b-4d83-8fa5-2422ac71697e
SM_V9_3 iris    exon    42276689        42276806        .       +
        .       Parent=Smp_136710.1;Name=264937cd-5d0e-4fa2-
ac86-607a371fe20d
SM_V9_3 iris    exon    42278559        42280023        .       +
        .       Parent=Smp_136710.1;Name=186d24d5-8d8c-4c41-b56d-
cab055fee33d
SM_V9_3 iris    CDS     42226804        42226921        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42230413        42230430        .       +
        2       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42232622        42232704        .       +
        2       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42238170        42238274        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42240125        42240263        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42244017        42244339        .       +
        2       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42252476        42252873        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42255454        42255697        .       +
        1       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42257740        42258102        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42259396        42259731        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42260719        42260932        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42264170        42264465        .       +
        2       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42269357        42269490        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42274498        42274615        .       +
        1       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42276689        42276806        .       +
        0       Parent=Smp_136710.1
SM_V9_3 iris    CDS     42278559        42278587        .       +
        2       Parent=Smp_136710.1
SM_V9_3 iris    mRNA    42226615        42280023        .       +
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ID=Smp_136710.2;Parent=Smp_136710;geneID=Smp_136710;gene_name=Smp_13
6710;owner=irisadmin@local.host;orig_id=Smp_136710.2;date_last_modif
ied=2022-09-07;Name=Smp_136710.2;product=Calcium-transporting ATPase
sarcoplasmic/endoplasmic reticulum type;date_creation=2022-09-07
SM_V9_3 iris    exon    42226615        42226921        .       +
        .       Parent=Smp_136710.2;Name=277cb5f3-864e-43e1-afe0-
b8a9bd86ef8d
SM_V9_3 iris    exon    42230413        42230430        .       +
        .       Parent=Smp_136710.2;Name=756d3444-34ad-4f19-813a-
a3de9a830795
SM_V9_3 iris    exon    42232622        42232704        .       +
        .       Parent=Smp_136710.2;Name=b67f0dd1-
c66f-48cc-97d7-1af275418fca
SM_V9_3 iris    exon    42238170        42238274        .       +
        .       Parent=Smp_136710.2;Name=7a54f387-99cb-40fa-91a2-
d0fae4432f33
SM_V9_3 iris    exon    42240125        42240263        .       +
        .       Parent=Smp_136710.2;Name=ebb8699e-a323-49eb-
a078-20201f2dce16
SM_V9_3 iris    exon    42244017        42244339        .       +
        .       Parent=Smp_136710.2;Name=45087b70-7c89-41cf-
afbc-0c1b4a18d260
SM_V9_3 iris    exon    42252476        42252873        .       +
        .       Parent=Smp_136710.2;Name=1fa5ccc2-bf6a-446d-
a54e-9f0eb799a686
SM_V9_3 iris    exon    42255454        42255697        .       +
        .       Parent=Smp_136710.2;Name=a032cd13-29f3-4a39-a8d8-
bc33292bce61
SM_V9_3 iris    exon    42257740        42258102        .       +
        .       Parent=Smp_136710.2;Name=d532624e-c07f-47db-
a9d2-83446746d785
SM_V9_3 iris    exon    42259396        42259731        .       +
        .       Parent=Smp_136710.2;Name=2ea976fb-
eb40-44cb-9124-76d543a26805
SM_V9_3 iris    exon    42260719        42260932        .       +
        .       Parent=Smp_136710.2;Name=fe772171-
e920-4be2-8f5c-12c74e42c935
SM_V9_3 iris    exon    42264170        42264465        .       +
        .
Parent=Smp_136710.2;Name=fb9ec3e6-701d-43c6-87cc-472d15bc6986
SM_V9_3 iris    exon    42269576        42269709        .       +
        .       Parent=Smp_136710.2;Name=20e2ffad-3502-4472-83c3-
ae6bd6296961
SM_V9_3 iris    exon    42274498        42274615        .       +
        .       Parent=Smp_136710.2;Name=00b33a33-8838-41d7-
a560-69681a1873b9
SM_V9_3 iris    exon    42276689        42276806        .       +
        .       Parent=Smp_136710.2;Name=e7d1528d-a82a-4535-824a-
adcead6c635e
SM_V9_3 iris    exon    42278559        42280023        .       +
        .       Parent=Smp_136710.2;Name=5ba117fc-dc21-43d6-900b-
bd3020044662
SM_V9_3 iris    CDS     42226804        42226921        .       +
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SM_V9_3 iris    CDS     42230413        42230430        .       +
        2       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42232622        42232704        .       +
        2       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42238170        42238274        .       +
        0       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42240125        42240263        .       +
        0       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42244017        42244339        .       +
        2       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42252476        42252873        .       +
        0       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42255454        42255697        .       +
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SM_V9_3 iris    CDS     42257740        42258102        .       +
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SM_V9_3 iris    CDS     42259396        42259731        .       +
        0       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42260719        42260932        .       +
        0       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42264170        42264465        .       +
        2       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42269576        42269709        .       +
        0       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42274498        42274615        .       +
        1       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42276689        42276806        .       +
        0       Parent=Smp_136710.2
SM_V9_3 iris    CDS     42278559        42278587        .       +
        2       Parent=Smp_136710.2
SM_V9_3 Liftoff gene    42311647        42319929        .       +
        .       ID=Smp_136730;geneID=Smp_136730
SM_V9_3 Liftoff mRNA    42311647        42319929        .       +
        .
ID=Smp_136730.1;Parent=Smp_136730;geneID=Smp_136730;product=streptom
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Statement;polypeptide_domain=InterPro:IPR001461,IPR001969,IPR021109,
IPR033121 Pfam:PF00026;Ontology_term=GO:0004190,GO:0006508
SM_V9_3 Liftoff exon    42311647        42311771        .       +
        .       Parent=Smp_136730.1
SM_V9_3 Liftoff exon    42312349        42312505        .       +
        .       Parent=Smp_136730.1
SM_V9_3 Liftoff exon    42312620        42312862        .       +
        .       Parent=Smp_136730.1
SM_V9_3 Liftoff exon    42312907        42313109        .       +
        .       Parent=Smp_136730.1
SM_V9_3 Liftoff exon    42314322        42314444        .       +
        .       Parent=Smp_136730.1
SM_V9_3 Liftoff exon    42315800        42316040        .       +
        .       Parent=Smp_136730.1
SM_V9_3 Liftoff exon    42319473        42319929        .       +
        .       Parent=Smp_136730.1
SM_V9_3 Liftoff CDS     42311707        42311771        .       +
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        0       Parent=Smp_136730.1
SM_V9_3 Liftoff CDS     42312349        42312505        .       +
        1       Parent=Smp_136730.1
SM_V9_3 Liftoff CDS     42312620        42312862        .       +
        0       Parent=Smp_136730.1
SM_V9_3 Liftoff CDS     42312907        42313109        .       +
        0       Parent=Smp_136730.1
SM_V9_3 Liftoff CDS     42314322        42314444        .       +
        1       Parent=Smp_136730.1
SM_V9_3 Liftoff CDS     42315800        42316040        .       +
        1       Parent=Smp_136730.1
SM_V9_3 Liftoff CDS     42319473        42319646        .       +
        0       Parent=Smp_136730.1
SM_V9_3 iris    gene    42329957        42346197        .       +
        .
ID=Smp_026910;geneID=Smp_026910;gene_name=Smp_026910;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    42329957        42346197        .       +
        .
ID=Smp_026910.1;Parent=Smp_026910;geneID=Smp_026910;gene_name=Smp_02
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ied=2022-08-22;Name=Smp_026910.1;product=Lipase maturation factor
2;date_creation=2022-08-22
SM_V9_3 iris    exon    42329957        42330103        .       +
        .
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SM_V9_3 iris    exon    42330139        42330189        .       +
        .       Parent=Smp_026910.1;Name=4d503e65-045d-4b23-8812-
b815a49c90a3
SM_V9_3 iris    exon    42330223        42330422        .       +
        .       Parent=Smp_026910.1;Name=318c9abe-2c75-4ef0-
bc94-5839d4ac39fb
SM_V9_3 iris    exon    42330458        42330486        .       +
        .       Parent=Smp_026910.1;Name=558b3e05-e37b-47ca-85ca-
c631ecc115d6
SM_V9_3 iris    exon    42330521        42330740        .       +
        .
Parent=Smp_026910.1;Name=c0292c4c-8ad7-46a0-8ee8-8c8673f7ecd6
SM_V9_3 iris    exon    42330792        42330944        .       +
        .       Parent=Smp_026910.1;Name=e476bcde-83f7-4523-b135-
bb4dd2bb94a1
SM_V9_3 iris    exon    42332531        42332636        .       +
        .       Parent=Smp_026910.1;Name=f1d4f996-
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SM_V9_3 iris    exon    42333569        42333703        .       +
        .       Parent=Smp_026910.1;Name=8062df73-14ee-4820-
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SM_V9_3 iris    exon    42335156        42335261        .       +
        .       Parent=Smp_026910.1;Name=aae91d73-fe4b-4bb4-
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SM_V9_3 iris    exon    42336448        42336544        .       +
        .       Parent=Smp_026910.1;Name=e65421b4-51ea-40b4-9192-
dac1bead94de
SM_V9_3 iris    exon    42337742        42337851        .       +
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ace8-719639b98e8d
SM_V9_3 iris    exon    42337992        42338116        .       +
        .       Parent=Smp_026910.1;Name=f0ed7a05-
cf53-4c42-8f51-01148b263024
SM_V9_3 iris    exon    42339920        42340033        .       +
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SM_V9_3 iris    exon    42341876        42341969        .       +
        .       Parent=Smp_026910.1;Name=4b351c8a-
dd1b-43e3-9011-07ac221c7436
SM_V9_3 iris    exon    42343275        42343383        .       +
        .       Parent=Smp_026910.1;Name=65dc03eb-5ec9-48d3-95df-
a6aecafc12a5
SM_V9_3 iris    exon    42345492        42346197        .       +
        .       Parent=Smp_026910.1;Name=43441ee0-9005-4aed-
b53a-3e64f20e95c5
SM_V9_3 iris    CDS     42330004        42330103        .       +
        0       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42330139        42330189        .       +
        2       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42330223        42330422        .       +
        2       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42330458        42330486        .       +
        0       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42330521        42330740        .       +
        1       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42330792        42330944        .       +
        0       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42332531        42332636        .       +
        0       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42333569        42333703        .       +
        2       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42335156        42335261        .       +
        2       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42336448        42336544        .       +
        1       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42337742        42337851        .       +
        0       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42337992        42338116        .       +
        1       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42339920        42340033        .       +
        2       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42341876        42341969        .       +
        2       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42343275        42343383        .       +
        1       Parent=Smp_026910.1
SM_V9_3 iris    CDS     42345492        42345671        .       +
        0       Parent=Smp_026910.1
SM_V9_3 Liftoff gene    42361565        42371459        .       +
        .       ID=Smp_026920;geneID=Smp_026920
SM_V9_3 Liftoff mRNA    42361565        42371459        .       +
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SM_V9_3 Liftoff exon    42361565        42371459        .       +
        .       Parent=Smp_026920.1
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        .       ID=Smp_026930;geneID=Smp_026930
SM_V9_3 Liftoff mRNA    42398976        42411041        .       -
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3-mannosyl-glycoprotein 2-beta-N-
acetylglucosaminyltransferase;polypeptide_domain=InterPro:IPR004139,
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SM_V9_3 Liftoff exon    42403572        42403839        .       -
        .       Parent=Smp_026930.1
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        .       Parent=Smp_026930.1
SM_V9_3 Liftoff exon    42408540        42411041        .       -
        .       Parent=Smp_026930.1
SM_V9_3 Liftoff CDS     42400153        42400723        .       -
        1       Parent=Smp_026930.1
SM_V9_3 Liftoff CDS     42403572        42403839        .       -
        2       Parent=Smp_026930.1
SM_V9_3 Liftoff CDS     42405330        42405609        .       -
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SM_V9_3 Liftoff CDS     42408540        42408674        .       -
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SM_V9_3 Liftoff gene    42421435        42428269        .       +
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protein;polypeptide_domain=InterPro:IPR001270,IPR010448,IPR027417
Pfam:PF06309;Ontology_term=GO:0005524
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SM_V9_3 Liftoff exon    42421638        42421903        .       +
        .       Parent=Smp_136740.1
SM_V9_3 Liftoff exon    42423336        42423511        .       +
        .       Parent=Smp_136740.1
SM_V9_3 Liftoff exon    42424386        42424510        .       +
        .       Parent=Smp_136740.1
SM_V9_3 Liftoff exon    42427657        42428269        .       +
        .       Parent=Smp_136740.1
SM_V9_3 Liftoff CDS     42421446        42421611        .       +
        0       Parent=Smp_136740.1
SM_V9_3 Liftoff CDS     42421638        42421903        .       +
        2       Parent=Smp_136740.1
SM_V9_3 Liftoff CDS     42423336        42423511        .       +
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        2       Parent=Smp_136740.1
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SM_V9_3 Liftoff mRNA    42449565        42459799        .       +
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ID=Smp_213390.1;Parent=Smp_213390;geneID=Smp_213390;product=Ribosoma
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beta-1;polypeptide_domain=InterPro:IPR000719,IPR000961,IPR008271,IPR
011009,IPR017441,IPR017892
Pfam:PF00069,PF00433;Ontology_term=GO:0004672,GO:0004674,GO:0005524,
GO:0006468
SM_V9_3 Liftoff exon    42449565        42449708        .       +
        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42449742        42449779        .       +
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        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42449974        42450105        .       +
        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42450137        42450270        .       +
        .       Parent=Smp_213390.1
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        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42453480        42453570        .       +
        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42453646        42453687        .       +
        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42454330        42454395        .       +
        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42456112        42456476        .       +
        .       Parent=Smp_213390.1
SM_V9_3 Liftoff exon    42457142        42459799        .       +
        .       Parent=Smp_213390.1
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        0       Parent=Smp_213390.1
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        0       Parent=Smp_213390.1
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        1       Parent=Smp_213390.1
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        0       Parent=Smp_213390.1
SM_V9_3 Liftoff CDS     42450137        42450270        .       +
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SM_V9_3 Liftoff CDS     42452055        42452246        .       +
        1       Parent=Smp_213390.1
SM_V9_3 Liftoff CDS     42453480        42453570        .       +
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SM_V9_3 Liftoff CDS     42453646        42453687        .       +
        0       Parent=Smp_213390.1
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SM_V9_3 Liftoff CDS     42457142        42457823        .       +
        1       Parent=Smp_213390.1
SM_V9_3 iris    gene    42460019        42480801        .       +
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ID=Smp_213400;geneID=Smp_213400;gene_name=Smp_213400;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    42460019        42480801        .       +
        .
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3400;owner=irisadmin@local.host;orig_id=Smp_213400.1;date_last_modif
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Bre1;date_creation=2022-08-22
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SM_V9_3 iris    exon    42463089        42463146        .       +
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SM_V9_3 iris    exon    42464469        42464598        .       +
        .       Parent=Smp_213400.1;Name=ea28bbd9-74f0-4e04-
aa2e-98503285e348
SM_V9_3 iris    exon    42464942        42465260        .       +
        .
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SM_V9_3 iris    exon    42466492        42466690        .       +
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ba85-5c02739ddf5a
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        .
Parent=Smp_213400.1;Name=068ab31c-6879-41a5-94bc-4dd549c93bdc
SM_V9_3 iris    exon    42469699        42469872        .       +
        .
Parent=Smp_213400.1;Name=f8fa92ca-89ef-42e0-9ff9-82fff80f593d
SM_V9_3 iris    exon    42471849        42472106        .       +
        .       Parent=Smp_213400.1;Name=277ae66b-a623-4264-87d7-
ccbc82480bc2
SM_V9_3 iris    exon    42472350        42472514        .       +
        .
Parent=Smp_213400.1;Name=c0e08655-2d6e-41e7-83f4-2e0bdbc36940
SM_V9_3 iris    exon    42472769        42472942        .       +
        .
Parent=Smp_213400.1;Name=3b01b053-89d8-444f-9fb8-0f64fc2f26ad
SM_V9_3 iris    exon    42473895        42473977        .       +
        .       Parent=Smp_213400.1;Name=5bee2cd5-1745-44b1-
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SM_V9_3 iris    exon    42474813        42475353        .       +
        .       Parent=Smp_213400.1;Name=87e9e5c1-6096-48bc-
a8c8-9488bcd19806
SM_V9_3 iris    exon    42475586        42475810        .       +
        .       Parent=Smp_213400.1;Name=742dda86-5c7a-4021-b7f7-
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d7211a0a6a8f
SM_V9_3 iris    exon    42476860        42477084        .       +
        .       Parent=Smp_213400.1;Name=63eeab08-f8f9-4a57-92a8-
f40b5ad1f872
SM_V9_3 iris    exon    42480053        42480154        .       +
        .
Parent=Smp_213400.1;Name=5e2ac570-44f2-4c52-82e7-6de1b7021427
SM_V9_3 iris    exon    42480461        42480801        .       +
        .       Parent=Smp_213400.1;Name=2e5a97ec-
c1a4-49b8-939d-6d1a993000f8
SM_V9_3 iris    CDS     42460023        42460337        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42463089        42463146        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42464469        42464598        .       +
        2       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42464942        42465260        .       +
        1       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42466492        42466690        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42468039        42468211        .       +
        2       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42469699        42469872        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42471849        42472106        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42472350        42472514        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42472769        42472942        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42473895        42473977        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42474813        42475353        .       +
        1       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42475586        42475810        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42476860        42477084        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42480053        42480154        .       +
        0       Parent=Smp_213400.1
SM_V9_3 iris    CDS     42480461        42480637        .       +
        0       Parent=Smp_213400.1
SM_V9_3 Liftoff gene    42503562        42531231        .       -
        .       ID=Smp_136760;geneID=Smp_136760
SM_V9_3 Liftoff mRNA    42503562        42531231        .       -
        .
ID=Smp_136760.1;Parent=Smp_136760;geneID=Smp_136760;product=npp-15;e
vidence=Traceable Author Statement;literature=PMID:19606141
SM_V9_3 Liftoff exon    42503562        42503881        .       -
        .       Parent=Smp_136760.1
SM_V9_3 Liftoff exon    42531010        42531231        .       -
        .       Parent=Smp_136760.1
SM_V9_3 Liftoff CDS     42503668        42503881        .       -
        1       Parent=Smp_136760.1
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SM_V9_3 Liftoff CDS     42531010        42531017        .       -
        0       Parent=Smp_136760.1
SM_V9_3 Liftoff gene    42564943        42572671        .       -
        .       ID=Smp_136770;geneID=Smp_136770
SM_V9_3 Liftoff mRNA    42564943        42572671        .       -
        .
ID=Smp_136770.1;Parent=Smp_136770;geneID=Smp_136770;product=B-cell
CLL/lymphoma 7 protein family member
A;polypeptide_domain=InterPro:IPR006804 Pfam:PF04714
SM_V9_3 Liftoff exon    42564943        42565341        .       -
        .       Parent=Smp_136770.1
SM_V9_3 Liftoff exon    42567799        42568088        .       -
        .       Parent=Smp_136770.1
SM_V9_3 Liftoff exon    42568788        42572671        .       -
        .       Parent=Smp_136770.1
SM_V9_3 Liftoff CDS     42565076        42565341        .       -
        2       Parent=Smp_136770.1
SM_V9_3 Liftoff CDS     42567799        42568088        .       -
        1       Parent=Smp_136770.1
SM_V9_3 Liftoff CDS     42568788        42568879        .       -
        0       Parent=Smp_136770.1
SM_V9_3 Liftoff gene    42585258        42591524        .       +
        .       ID=Smp_027000;geneID=Smp_027000
SM_V9_3 Liftoff mRNA    42585258        42589301        .       +
        .
ID=Smp_027000.1;Parent=Smp_027000;geneID=Smp_027000;product=Protein
ABHD17C;polypeptide_domain=InterPro:IPR022742,IPR029058 Pfam:PF12146
SM_V9_3 Liftoff exon    42585258        42586106        .       +
        .       Parent=Smp_027000.1
SM_V9_3 Liftoff exon    42587514        42589301        .       +
        .       Parent=Smp_027000.1
SM_V9_3 Liftoff CDS     42585454        42586106        .       +
        0       Parent=Smp_027000.1
SM_V9_3 Liftoff CDS     42587514        42588654        .       +
        1       Parent=Smp_027000.1
SM_V9_3 Liftoff mRNA    42585258        42591524        .       +
        .
ID=Smp_027000.2;Parent=Smp_027000;geneID=Smp_027000;product=Protein
ABHD17C;polypeptide_domain=InterPro:IPR022742,IPR029058 Pfam:PF12146
SM_V9_3 Liftoff exon    42585258        42586106        .       +
        .       Parent=Smp_027000.2
SM_V9_3 Liftoff exon    42589826        42591524        .       +
        .       Parent=Smp_027000.2
SM_V9_3 Liftoff CDS     42585454        42586106        .       +
        0       Parent=Smp_027000.2
SM_V9_3 Liftoff CDS     42589826        42590522        .       +
        1       Parent=Smp_027000.2
SM_V9_3 iris    gene    42626371        42638855        .       -
        .
ID=Smp_027010;geneID=Smp_027010;gene_name=Smp_027010;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    42626371        42638855        .       -
        .
ID=Smp_027010.1;Parent=Smp_027010;geneID=Smp_027010;gene_name=Smp_02
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7010;owner=irisadmin@local.host;orig_id=Smp_027010.1;date_last_modif
ied=2022-07-27;Name=Smp_027010.1;product=AP-3 complex subunit
mu-1;date_creation=2022-07-26
SM_V9_3 iris    exon    42626371        42626867        .       -
        .       Parent=Smp_027010.1;Name=850ce6c0-9a1c-4065-ac68-
ad35a83e9bd1
SM_V9_3 iris    exon    42632553        42632672        .       -
        .       Parent=Smp_027010.1;Name=286fa6fe-9ee6-4093-a1ab-
d04ed7a26c7a
SM_V9_3 iris    exon    42634023        42634184        .       -
        .       Parent=Smp_027010.1;Name=ee5aaa25-09be-42af-b30d-
ad03163d3955
SM_V9_3 iris    exon    42635908        42636007        .       -
        .       Parent=Smp_027010.1;Name=e1be0b71-055c-414b-
acef-34fea456be19
SM_V9_3 iris    exon    42636898        42637085        .       -
        .
Parent=Smp_027010.1;Name=e929c7f5-25a2-48e8-90ed-552f70ea8051
SM_V9_3 iris    exon    42638039        42638323        .       -
        .
Parent=Smp_027010.1;Name=6653f095-6903-4688-9260-7f141eb81874
SM_V9_3 iris    exon    42638361        42638473        .       -
        .
Parent=Smp_027010.1;Name=b8a273c8-0be2-4607-967b-6c1d5de5fe0e
SM_V9_3 iris    exon    42638511        42638692        .       -
        .       Parent=Smp_027010.1;Name=04dc4a80-853b-47b7-a6fc-
ef99abfda4dc
SM_V9_3 iris    exon    42638727        42638855        .       -
        .
Parent=Smp_027010.1;Name=b1256d4e-4d03-420d-9aea-1f0e2511a5b2
SM_V9_3 iris    CDS     42626802        42626867        .       -
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SM_V9_3 iris    CDS     42632553        42632672        .       -
        0       Parent=Smp_027010.1
SM_V9_3 iris    CDS     42634023        42634184        .       -
        0       Parent=Smp_027010.1
SM_V9_3 iris    CDS     42635908        42636007        .       -
        1       Parent=Smp_027010.1
SM_V9_3 iris    CDS     42636898        42637085        .       -
        0       Parent=Smp_027010.1
SM_V9_3 iris    CDS     42638039        42638323        .       -
        0       Parent=Smp_027010.1
SM_V9_3 iris    CDS     42638361        42638473        .       -
        2       Parent=Smp_027010.1
SM_V9_3 iris    CDS     42638511        42638692        .       -
        1       Parent=Smp_027010.1
SM_V9_3 iris    CDS     42638727        42638761        .       -
        0       Parent=Smp_027010.1
SM_V9_3 iris    gene    42652435        42656644        .       -
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ID=Smp_136780;geneID=Smp_136780;gene_name=Smp_136780;owner=irisadmin
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SM_V9_3 iris    mRNA    42652435        42656644        .       -
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ied=2022-07-27;Name=Smp_136780.1;product=Transmembrane and
ubiquitin-like domain-containing protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    42652435        42653396        .       -
        .
Parent=Smp_136780.1;Name=9b4dd81a-19a7-428a-8775-7beba8f5cc8d
SM_V9_3 iris    exon    42653832        42654033        .       -
        .
Parent=Smp_136780.1;Name=8699dc0a-2de3-45e5-96bd-9cff266a46e9
SM_V9_3 iris    exon    42655053        42655370        .       -
        .       Parent=Smp_136780.1;Name=4e75e065-9e9a-47d4-9bfc-
d99109a7edf4
SM_V9_3 iris    exon    42656597        42656644        .       -
        .
Parent=Smp_136780.1;Name=196ec14c-0b17-409b-964e-576c62b5ea13
SM_V9_3 iris    CDS     42652682        42653396        .       -
        1       Parent=Smp_136780.1
SM_V9_3 iris    CDS     42653832        42654033        .       -
        2       Parent=Smp_136780.1
SM_V9_3 iris    CDS     42655053        42655365        .       -
        0       Parent=Smp_136780.1
SM_V9_3 iris    gene    42729104        42744924        .       -
        .
ID=Smp_027040;geneID=Smp_027040;gene_name=Smp_027040;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    42729104        42744924        .       -
        .
ID=Smp_027040.1;Parent=Smp_027040;geneID=Smp_027040;gene_name=Smp_02
7040;owner=irisadmin@local.host;orig_id=Smp_027040.1;date_last_modif
ied=2022-07-27;Name=Smp_027040.1;product=Receptor expression-
enhancing protein 4;date_creation=2022-07-26
SM_V9_3 iris    exon    42729104        42729844        .       -
        .       Parent=Smp_027040.1;Name=4483a6f6-bd86-4324-
a4ca-3f5f161a26c4
SM_V9_3 iris    exon    42739797        42739897        .       -
        .       Parent=Smp_027040.1;Name=a076c9ce-
c0ec-491e-89be-854493ac46f6
SM_V9_3 iris    exon    42741606        42741701        .       -
        .       Parent=Smp_027040.1;Name=8a9a7a11-d438-4c61-8c32-
bd84ae391a2f
SM_V9_3 iris    exon    42741935        42742079        .       -
        .
Parent=Smp_027040.1;Name=d57dd30c-156f-4a5d-8947-6b4e141002c3
SM_V9_3 iris    exon    42744255        42744368        .       -
        .       Parent=Smp_027040.1;Name=14cb62f1-e233-4b55-a07a-
ad3f83fb39d7
SM_V9_3 iris    exon    42744401        42744521        .       -
        .       Parent=Smp_027040.1;Name=a598fb45-ca84-42e8-a9f9-
fdc232ddb116
SM_V9_3 iris    exon    42744554        42744630        .       -
        .       Parent=Smp_027040.1;Name=7a30f41c-5f65-47f8-8b2a-
d6df3e4484e5
SM_V9_3 iris    exon    42744675        42744747        .       -
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        .       Parent=Smp_027040.1;Name=0ef29e20-d2e5-4180-9dbe-
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SM_V9_3 iris    exon    42744780        42744924        .       -
        .       Parent=Smp_027040.1;Name=2a610586-56be-4846-acd5-
d3eba67a1910
SM_V9_3 iris    CDS     42729737        42729844        .       -
        0       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42739797        42739897        .       -
        2       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42741606        42741701        .       -
        2       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42741935        42742079        .       -
        0       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42744255        42744368        .       -
        0       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42744401        42744521        .       -
        1       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42744554        42744630        .       -
        0       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42744675        42744747        .       -
        1       Parent=Smp_027040.1
SM_V9_3 iris    CDS     42744780        42744811        .       -
        0       Parent=Smp_027040.1
SM_V9_3 iris    mRNA    42729104        42744924        .       -
        .
ID=Smp_027040.2;Parent=Smp_027040;geneID=Smp_027040;gene_name=Smp_02
7040;owner=irisadmin@local.host;orig_id=Smp_027040.2;date_last_modif
ied=2022-07-27;Name=Smp_027040.2;product=Receptor expression-
enhancing protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    42729104        42729844        .       -
        .       Parent=Smp_027040.2;Name=4c529e2b-01f1-4eab-
a643-133d11fd7aae
SM_V9_3 iris    exon    42734024        42734206        .       -
        .       Parent=Smp_027040.2;Name=7acbc3a4-36e7-479b-b8c6-
bd3e98d69bd7
SM_V9_3 iris    exon    42739797        42739897        .       -
        .       Parent=Smp_027040.2;Name=0579ae41-1dd6-4df5-9d3b-
d8971d0f9f09
SM_V9_3 iris    exon    42741606        42741701        .       -
        .       Parent=Smp_027040.2;Name=79947dec-
d79d-43aa-9854-298f836f049e
SM_V9_3 iris    exon    42741935        42742079        .       -
        .
Parent=Smp_027040.2;Name=5d6b1061-8e1a-4ef5-895a-8e10a320e1f9
SM_V9_3 iris    exon    42744255        42744368        .       -
        .       Parent=Smp_027040.2;Name=5312ca5d-6751-490d-
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SM_V9_3 iris    exon    42744401        42744521        .       -
        .       Parent=Smp_027040.2;Name=83dd2176-
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SM_V9_3 iris    exon    42744557        42744630        .       -
        .       Parent=Smp_027040.2;Name=90eb545c-a8c5-408b-
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SM_V9_3 iris    exon    42744675        42744747        .       -
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        .       Parent=Smp_027040.2;Name=b813020d-a422-4cb8-
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SM_V9_3 iris    exon    42744780        42744924        .       -
        .       Parent=Smp_027040.2;Name=975ac038-1ef9-4174-
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SM_V9_3 iris    CDS     42734042        42734206        .       -
        0       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42739797        42739897        .       -
        2       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42741606        42741701        .       -
        2       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42741935        42742079        .       -
        0       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42744255        42744368        .       -
        0       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42744401        42744521        .       -
        1       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42744557        42744630        .       -
        0       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42744675        42744747        .       -
        1       Parent=Smp_027040.2
SM_V9_3 iris    CDS     42744780        42744811        .       -
        0       Parent=Smp_027040.2
SM_V9_3 iris    gene    42755078        42824107        .       +
        .
ID=Smp_333680;geneID=Smp_333680;gene_name=Smp_333680;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    42755078        42824107        .       +
        .
ID=Smp_333680.1;Parent=Smp_333680;geneID=Smp_333680;gene_name=Smp_33
3680;owner=irisadmin@local.host;orig_id=Smp_333680.1;date_last_modif
ied=2022-07-27;Name=Smp_333680.1;product=Membrane-associated
phosphatidylinositol transfer protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    42755078        42755183        .       +
        .
Parent=Smp_333680.1;Name=86e8e522-7cd1-423b-90d8-4856ac6625bb
SM_V9_3 iris    exon    42759281        42759392        .       +
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a0d5-23f355da3694
SM_V9_3 iris    exon    42760820        42760952        .       +
        .       Parent=Smp_333680.1;Name=58cb4344-2aae-49f0-9a0f-
d67e313ca9d5
SM_V9_3 iris    exon    42762082        42762285        .       +
        .       Parent=Smp_333680.1;Name=1cfc4fb5-8165-43af-
b788-2ed9e2d33861
SM_V9_3 iris    exon    42763937        42764251        .       +
        .       Parent=Smp_333680.1;Name=3f14d907-f236-47ac-b541-
c2c65f194619
SM_V9_3 iris    exon    42766199        42766446        .       +
        .       Parent=Smp_333680.1;Name=ee283b0c-48bb-4d31-9d37-
e55f228219d4
SM_V9_3 iris    exon    42769522        42769594        .       +
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SM_V9_3 iris    exon    42773681        42773767        .       +
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SM_V9_3 iris    exon    42775629        42775748        .       +
        .       Parent=Smp_333680.1;Name=d7a89a54-59f6-4953-ae14-
b288bcaf921f
SM_V9_3 iris    exon    42776462        42776536        .       +
        .       Parent=Smp_333680.1;Name=18bcd202-53d9-4841-
ac38-35408025d703
SM_V9_3 iris    exon    42777761        42777935        .       +
        .
Parent=Smp_333680.1;Name=8f342634-07ff-4570-915f-8d0add835a27
SM_V9_3 iris    exon    42778701        42778812        .       +
        .       Parent=Smp_333680.1;Name=d3bdc956-ba1e-4bd8-86c2-
cb95cddd514e
SM_V9_3 iris    exon    42789516        42789821        .       +
        .       Parent=Smp_333680.1;Name=6cce6ad3-
e7a0-45cf-8133-7d09c66f3f96
SM_V9_3 iris    exon    42793512        42793607        .       +
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SM_V9_3 iris    exon    42797851        42797992        .       +
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a834be03cae1
SM_V9_3 iris    exon    42800372        42800728        .       +
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b2fec160299a
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        .       Parent=Smp_333680.1;Name=4ac91131-4fac-4f57-8e3f-
a83f7c759538
SM_V9_3 iris    exon    42805160        42805429        .       +
        .       Parent=Smp_333680.1;Name=e624fb45-a786-43c3-a9be-
eca3b66af411
SM_V9_3 iris    exon    42808528        42808551        .       +
        .       Parent=Smp_333680.1;Name=8a9d2747-2f9e-4942-
b165-781a2e6b5afc
SM_V9_3 iris    exon    42813905        42814021        .       +
        .
Parent=Smp_333680.1;Name=b762ce6a-71a1-450d-90b5-041a6ce55ebc
SM_V9_3 iris    exon    42815336        42815593        .       +
        .
Parent=Smp_333680.1;Name=6df903f2-5562-459e-8dfd-1d441b66a0ed
SM_V9_3 iris    exon    42818096        42818317        .       +
        .       Parent=Smp_333680.1;Name=d1d2bc33-eea3-46c1-
a733-1e06d80e9336
SM_V9_3 iris    exon    42819778        42819906        .       +
        .       Parent=Smp_333680.1;Name=e88a67a7-c50d-4a35-
a697-0c1d35b91e75
SM_V9_3 iris    exon    42822200        42824107        .       +
        .       Parent=Smp_333680.1;Name=fd6826b8-38f3-4bfa-8a9a-
b859ed9623a3
SM_V9_3 iris    CDS     42759315        42759392        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42760820        42760952        .       +
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SM_V9_3 iris    CDS     42763937        42764251        .       +
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SM_V9_3 iris    CDS     42769522        42769594        .       +
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        2       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42775629        42775748        .       +
        2       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42776462        42776536        .       +
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SM_V9_3 iris    CDS     42777761        42777935        .       +
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SM_V9_3 iris    CDS     42778701        42778812        .       +
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SM_V9_3 iris    CDS     42789516        42789821        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42793512        42793607        .       +
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SM_V9_3 iris    CDS     42800372        42800728        .       +
        2       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42803109        42803257        .       +
        2       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42805160        42805429        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42808528        42808551        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42813905        42814021        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42815336        42815593        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42818096        42818317        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42819778        42819906        .       +
        0       Parent=Smp_333680.1
SM_V9_3 iris    CDS     42822200        42822442        .       +
        0       Parent=Smp_333680.1
SM_V9_3 Liftoff gene    42833648        42845733        .       +
        .       ID=Smp_027080;geneID=Smp_027080
SM_V9_3 Liftoff mRNA    42833648        42845733        .       +
        .
ID=Smp_027080.1;Parent=Smp_027080;geneID=Smp_027080;product=Protein
YIPF5
SM_V9_3 Liftoff exon    42833648        42834556        .       +
        .       Parent=Smp_027080.1
SM_V9_3 Liftoff exon    42837558        42837703        .       +
        .       Parent=Smp_027080.1
SM_V9_3 Liftoff exon    42838801        42838835        .       +
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        .       Parent=Smp_027080.1
SM_V9_3 Liftoff exon    42843485        42843595        .       +
        .       Parent=Smp_027080.1
SM_V9_3 Liftoff exon    42843704        42843885        .       +
        .       Parent=Smp_027080.1
SM_V9_3 Liftoff exon    42845355        42845733        .       +
        .       Parent=Smp_027080.1
SM_V9_3 Liftoff CDS     42834483        42834556        .       +
        0       Parent=Smp_027080.1
SM_V9_3 Liftoff CDS     42837558        42837703        .       +
        1       Parent=Smp_027080.1
SM_V9_3 Liftoff CDS     42838801        42838835        .       +
        2       Parent=Smp_027080.1
SM_V9_3 Liftoff CDS     42843485        42843595        .       +
        0       Parent=Smp_027080.1
SM_V9_3 Liftoff CDS     42843704        42843885        .       +
        0       Parent=Smp_027080.1
SM_V9_3 Liftoff CDS     42845355        42845517        .       +
        1       Parent=Smp_027080.1
SM_V9_3 iris    gene    42848355        42856764        .       -
        .
ID=Smp_336330;geneID=Smp_336330;gene_name=Smp_336330;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    42848355        42856764        .       -
        .
ID=Smp_336330.1;Parent=Smp_336330;geneID=Smp_336330;gene_name=Smp_33
6330;owner=irisadmin@local.host;orig_id=Smp_336330.1;date_last_modif
ied=2022-07-27;Name=Smp_336330.1;product=Polypeptide N-
acetylgalactosaminyltransferase 18;date_creation=2022-07-26
SM_V9_3 iris    exon    42848355        42849223        .       -
        .       Parent=Smp_336330.1;Name=f04b4780-b1b1-4ba6-89b8-
d10a5f0d7d00
SM_V9_3 iris    exon    42850919        42850984        .       -
        .       Parent=Smp_336330.1;Name=b1cb05e7-1e5d-47b4-bdc1-
ae26399d9c55
SM_V9_3 iris    exon    42851884        42851966        .       -
        .
Parent=Smp_336330.1;Name=8c1a8cee-267b-4487-994a-4853859a74e9
SM_V9_3 iris    exon    42853831        42854014        .       -
        .
Parent=Smp_336330.1;Name=f8c0b747-6b73-4609-9890-638cf8c3f4c6
SM_V9_3 iris    exon    42854858        42855017        .       -
        .       Parent=Smp_336330.1;Name=143978bf-3f09-4f25-84e0-
e2471a049cfe
SM_V9_3 iris    exon    42856465        42856609        .       -
        .
Parent=Smp_336330.1;Name=853fba5a-029f-4ccb-803f-3054a16dc06e
SM_V9_3 iris    exon    42856647        42856764        .       -
        .       Parent=Smp_336330.1;Name=d4b5402b-ad0e-486e-
ba48-484443b123a3
SM_V9_3 iris    CDS     42848843        42849223        .       -
        0       Parent=Smp_336330.1
SM_V9_3 iris    CDS     42850919        42850984        .       -
        0       Parent=Smp_336330.1
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SM_V9_3 iris    CDS     42851884        42851966        .       -
        2       Parent=Smp_336330.1
SM_V9_3 iris    CDS     42853831        42854014        .       -
        0       Parent=Smp_336330.1
SM_V9_3 iris    CDS     42854858        42855017        .       -
        1       Parent=Smp_336330.1
SM_V9_3 iris    CDS     42856465        42856609        .       -
        2       Parent=Smp_336330.1
SM_V9_3 iris    CDS     42856647        42856650        .       -
        0       Parent=Smp_336330.1
SM_V9_3 Liftoff gene    42870208        42876519        .       +
        .
ID=Smp_335890;geneID=Smp_335890;previous_systematic_id=Smp_136820,Sm
p_197470,Smp_205390
SM_V9_3 Liftoff mRNA    42870208        42876519        .       +
        .
ID=Smp_335890.1;Parent=Smp_335890;geneID=Smp_335890;product=Cathepsi
n
D;polypeptide_domain=InterPro:IPR001461,IPR001969,IPR021109,IPR03312
1 Pfam:PF00026;Ontology_term=GO:0004190,GO:0006508
SM_V9_3 Liftoff exon    42870208        42872320        .       +
        .       Parent=Smp_335890.1
SM_V9_3 Liftoff exon    42872361        42872560        .       +
        .       Parent=Smp_335890.1
SM_V9_3 Liftoff exon    42873791        42873913        .       +
        .       Parent=Smp_335890.1
SM_V9_3 Liftoff exon    42875120        42876519        .       +
        .       Parent=Smp_335890.1
SM_V9_3 Liftoff CDS     42872204        42872320        .       +
        0       Parent=Smp_335890.1
SM_V9_3 Liftoff CDS     42872361        42872560        .       +
        0       Parent=Smp_335890.1
SM_V9_3 Liftoff CDS     42873791        42873913        .       +
        1       Parent=Smp_335890.1
SM_V9_3 Liftoff CDS     42875120        42875414        .       +
        1       Parent=Smp_335890.1
SM_V9_3 Liftoff mRNA    42870208        42876519        .       +
        .
ID=Smp_335890.2;Parent=Smp_335890;geneID=Smp_335890;product=Cathepsi
n D;polypeptide_domain=InterPro:IPR021109,IPR033121,IPR034164
Pfam:PF00026
SM_V9_3 Liftoff exon    42870208        42872320        .       +
        .       Parent=Smp_335890.2
SM_V9_3 Liftoff exon    42872361        42872560        .       +
        .       Parent=Smp_335890.2
SM_V9_3 Liftoff exon    42873791        42876519        .       +
        .       Parent=Smp_335890.2
SM_V9_3 Liftoff CDS     42872204        42872320        .       +
        0       Parent=Smp_335890.2
SM_V9_3 Liftoff CDS     42872361        42872560        .       +
        0       Parent=Smp_335890.2
SM_V9_3 Liftoff CDS     42873791        42873917        .       +
        1       Parent=Smp_335890.2
SM_V9_3 Liftoff mRNA    42870208        42876519        .       +
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D;polypeptide_domain=InterPro:IPR001461,IPR001969,IPR021109,IPR03312
1 Pfam:PF00026;Ontology_term=GO:0004190,GO:0006508
SM_V9_3 Liftoff exon    42870208        42871105        .       +
        .       Parent=Smp_335890.3
SM_V9_3 Liftoff exon    42872078        42872320        .       +
        .       Parent=Smp_335890.3
SM_V9_3 Liftoff exon    42872361        42872560        .       +
        .       Parent=Smp_335890.3
SM_V9_3 Liftoff exon    42873791        42876519        .       +
        .       Parent=Smp_335890.3
SM_V9_3 Liftoff CDS     42870908        42871105        .       +
        0       Parent=Smp_335890.3
SM_V9_3 Liftoff CDS     42872078        42872320        .       +
        0       Parent=Smp_335890.3
SM_V9_3 Liftoff CDS     42872361        42872560        .       +
        0       Parent=Smp_335890.3
SM_V9_3 Liftoff CDS     42873791        42873917        .       +
        1       Parent=Smp_335890.3
SM_V9_3 Liftoff gene    42877213        42880604        .       -
        .       ID=Smp_326700;geneID=Smp_326700
SM_V9_3 Liftoff mRNA    42877213        42880604        .       -
        .
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threonine-protein kinase ATG1
SM_V9_3 Liftoff exon    42877213        42878856        .       -
        .       Parent=Smp_326700.1
SM_V9_3 Liftoff exon    42880254        42880604        .       -
        .       Parent=Smp_326700.1
SM_V9_3 Liftoff CDS     42878797        42878856        .       -
        0       Parent=Smp_326700.1
SM_V9_3 Liftoff CDS     42880254        42880400        .       -
        0       Parent=Smp_326700.1
SM_V9_3 iris    gene    42883478        42894331        .       +
        .
ID=Smp_335900;geneID=Smp_335900;gene_name=Smp_335900;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    42883478        42894331        .       +
        .
ID=Smp_335900.1;Parent=Smp_335900;geneID=Smp_335900;gene_name=Smp_33
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ied=2022-07-27;Name=Smp_335900.1;product=Cathepsin
D;date_creation=2022-07-26
SM_V9_3 iris    exon    42883478        42883727        .       +
        .       Parent=Smp_335900.1;Name=c5f2070e-
b8e1-40a1-843a-6e370efd9c6e
SM_V9_3 iris    exon    42888484        42888726        .       +
        .       Parent=Smp_335900.1;Name=318a564c-3021-4f96-
abd4-8bdffb15a4b7
SM_V9_3 iris    exon    42888767        42888966        .       +
        .       Parent=Smp_335900.1;Name=cd0bf843-a71c-4b0b-bc53-
fe45f1668e5f
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SM_V9_3 iris    exon    42891464        42891586        .       +
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SM_V9_3 iris    exon    42892923        42893157        .       +
        .       Parent=Smp_335900.1;Name=f6567901-ffe8-4bfd-
b0b8-320d652079e2
SM_V9_3 iris    exon    42894097        42894331        .       +
        .
Parent=Smp_335900.1;Name=41c86abc-52d4-4ca7-90e8-1f807d8cc823
SM_V9_3 iris    CDS     42883668        42883727        .       +
        0       Parent=Smp_335900.1
SM_V9_3 iris    CDS     42888484        42888726        .       +
        0       Parent=Smp_335900.1
SM_V9_3 iris    CDS     42888767        42888966        .       +
        0       Parent=Smp_335900.1
SM_V9_3 iris    CDS     42891464        42891586        .       +
        1       Parent=Smp_335900.1
SM_V9_3 iris    CDS     42892923        42893157        .       +
        1       Parent=Smp_335900.1
SM_V9_3 iris    CDS     42894097        42894258        .       +
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SM_V9_3 iris    gene    42914706        42921593        .       +
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SM_V9_3 iris    mRNA    42914706        42921593        .       +
        .
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D;date_creation=2022-07-21
SM_V9_3 iris    exon    42914706        42915179        .       +
        .       Parent=Smp_309540.1;Name=52fe4c21-86c7-4cef-a428-
fb6c5c88d94f
SM_V9_3 iris    exon    42920894        42921136        .       +
        .       Parent=Smp_309540.1;Name=fe062576-0cf9-4f58-
bf76-4d40720ee46f
SM_V9_3 iris    exon    42921177        42921593        .       +
        .
Parent=Smp_309540.1;Name=40261d4a-5f04-4c6a-9a83-4d6071a0dd68
SM_V9_3 iris    CDS     42915108        42915179        .       +
        0       Parent=Smp_309540.1
SM_V9_3 iris    CDS     42920894        42921136        .       +
        0       Parent=Smp_309540.1
SM_V9_3 iris    CDS     42921177        42921398        .       +
        0       Parent=Smp_309540.1
SM_V9_3 Liftoff gene    42951034        42963564        .       -
        .       ID=Smp_018800;geneID=Smp_018800
SM_V9_3 Liftoff mRNA    42951034        42963564        .       -
        .
ID=Smp_018800.1;Parent=Smp_018800;geneID=Smp_018800;product=Aspartyl
protease protein;evidence=Traceable Author
Statement;literature=PMID:26642053;polypeptide_domain=InterPro:IPR00
1461,IPR001969,IPR021109,IPR033121
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Pfam:PF00026;Ontology_term=GO:0004190,GO:0006508
SM_V9_3 Liftoff exon    42951034        42951267        .       -
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SM_V9_3 Liftoff exon    42952038        42952272        .       -
        .       Parent=Smp_018800.1
SM_V9_3 Liftoff exon    42953780        42953902        .       -
        .       Parent=Smp_018800.1
SM_V9_3 Liftoff exon    42954713        42954912        .       -
        .       Parent=Smp_018800.1
SM_V9_3 Liftoff exon    42954953        42955195        .       -
        .       Parent=Smp_018800.1
SM_V9_3 Liftoff exon    42963153        42963564        .       -
        .       Parent=Smp_018800.1
SM_V9_3 Liftoff CDS     42951106        42951267        .       -
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SM_V9_3 Liftoff CDS     42952038        42952272        .       -
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SM_V9_3 Liftoff CDS     42953780        42953902        .       -
        1       Parent=Smp_018800.1
SM_V9_3 Liftoff CDS     42954713        42954912        .       -
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SM_V9_3 Liftoff CDS     42954953        42955195        .       -
        0       Parent=Smp_018800.1
SM_V9_3 Liftoff CDS     42963153        42963350        .       -
        0       Parent=Smp_018800.1
SM_V9_3 iris    gene    42977266        42986059        .       -
        .
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SM_V9_3 iris    mRNA    42977266        42986059        .       -
        .
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2470;owner=irisadmin@local.host;orig_id=Smp_132470.1;date_last_modif
ied=2022-07-27;Name=Smp_132470.1;product=Cathepsin D-like protease
3;date_creation=2022-07-26
SM_V9_3 iris    exon    42977266        42977865        .       -
        .       Parent=Smp_132470.1;Name=5e91962a-
f2f1-4382-8424-82ada60c2927
SM_V9_3 iris    exon    42978802        42979036        .       -
        .       Parent=Smp_132470.1;Name=594c4686-c191-4d65-
abe7-9ce8866a3419
SM_V9_3 iris    exon    42981142        42981264        .       -
        .       Parent=Smp_132470.1;Name=dd7055c6-ce7f-44a6-882f-
d0c32c0a408b
SM_V9_3 iris    exon    42982106        42982305        .       -
        .       Parent=Smp_132470.1;Name=dbc57c53-2337-42d5-932c-
ca0795eec415
SM_V9_3 iris    exon    42982346        42982588        .       -
        .       Parent=Smp_132470.1;Name=f3d9de90-
fe76-49d2-8bea-37effa5ac068
SM_V9_3 iris    exon    42985840        42986059        .       -
        .
Parent=Smp_132470.1;Name=c2e4aaa3-19f8-4dd0-9dc0-3c22d84701f6
SM_V9_3 iris    CDS     42977704        42977865        .       -
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SM_V9_3 iris    CDS     42981142        42981264        .       -
        1       Parent=Smp_132470.1
SM_V9_3 iris    CDS     42982106        42982305        .       -
        0       Parent=Smp_132470.1
SM_V9_3 iris    CDS     42982346        42982588        .       -
        0       Parent=Smp_132470.1
SM_V9_3 iris    CDS     42985840        42985899        .       -
        0       Parent=Smp_132470.1
SM_V9_3 iris    gene    42998256        43008161        .       -
        .
ID=Smp_132480;geneID=Smp_132480;gene_name=Smp_132480;owner=irisadmin
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SM_V9_3 iris    mRNA    42998256        43008161        .       -
        .
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2480;owner=irisadmin@local.host;orig_id=Smp_132480.1;date_last_modif
ied=2022-07-27;Name=Smp_132480.1;product=Lysosomal aspartic
protease;date_creation=2022-07-26
SM_V9_3 iris    exon    42998256        42998705        .       -
        .       Parent=Smp_132480.1;Name=c56770e5-78dd-42b3-8a2c-
afd24260d288
SM_V9_3 iris    exon    42999416        42999653        .       -
        .       Parent=Smp_132480.1;Name=25ed6e46-5b62-45a8-b975-
c713c5b979f9
SM_V9_3 iris    exon    43002307        43002429        .       -
        .       Parent=Smp_132480.1;Name=2435fe7c-a9fc-49b9-
a721-6b0a26d0188f
SM_V9_3 iris    exon    43003829        43004028        .       -
        .       Parent=Smp_132480.1;Name=42b2985a-fb7c-4397-
a887-944435f42a80
SM_V9_3 iris    exon    43004069        43004311        .       -
        .       Parent=Smp_132480.1;Name=63abbe9c-52c0-44c1-b273-
b43c16c19fe5
SM_V9_3 iris    exon    43007941        43008161        .       -
        .       Parent=Smp_132480.1;Name=4dc98732-f192-4221-ab0a-
b8e4a37b25ff
SM_V9_3 iris    CDS     42998526        42998705        .       -
        0       Parent=Smp_132480.1
SM_V9_3 iris    CDS     42999416        42999653        .       -
        1       Parent=Smp_132480.1
SM_V9_3 iris    CDS     43002307        43002429        .       -
        1       Parent=Smp_132480.1
SM_V9_3 iris    CDS     43003829        43004028        .       -
        0       Parent=Smp_132480.1
SM_V9_3 iris    CDS     43004069        43004311        .       -
        0       Parent=Smp_132480.1
SM_V9_3 iris    CDS     43007941        43008138        .       -
        0       Parent=Smp_132480.1
SM_V9_3 Liftoff gene    43034682        43036960        .       -
        .
ID=Smp_342650;geneID=Smp_342650;previous_systematic_id=Smp_132490
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SM_V9_3 Liftoff mRNA    43034682        43036960        .       -
        .
ID=Smp_342650.1;Parent=Smp_342650;geneID=Smp_342650;product=Nucleoti
de-binding protein APL_0334
SM_V9_3 Liftoff exon    43034682        43036960        .       -
        .       Parent=Smp_342650.1
SM_V9_3 Liftoff CDS     43035134        43036939        .       -
        0       Parent=Smp_342650.1
SM_V9_3 Liftoff gene    43046954        43102101        .       +
        .
ID=Smp_342660;geneID=Smp_342660;previous_systematic_id=Smp_132500
SM_V9_3 Liftoff mRNA    43046954        43102101        .       +
        .
ID=Smp_342660.1;Parent=Smp_342660;geneID=Smp_342660;product=Ras and
EF-hand domain-containing protein
homolog;polypeptide_domain=InterPro:IPR001806,IPR002048,IPR005225,IP
R011992,IPR018247,IPR027417
Pfam:PF00071,PF13833;Ontology_term=GO:0003924,GO:0005509,GO:0005525
SM_V9_3 Liftoff exon    43046954        43050967        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43058813        43058959        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43065217        43065403        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43070320        43070546        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43071731        43071799        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43075232        43075572        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43077175        43077263        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43085974        43086316        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43088696        43088777        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43092037        43092142        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43095053        43095172        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43097733        43097809        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff exon    43101823        43102101        .       +
        .       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43050294        43050967        .       +
        0       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43058813        43058959        .       +
        1       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43065217        43065403        .       +
        1       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43070320        43070546        .       +
        0       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43071731        43071799        .       +
        1       Parent=Smp_342660.1
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SM_V9_3 Liftoff CDS     43075232        43075572        .       +
        1       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43077175        43077263        .       +
        2       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43085974        43086316        .       +
        0       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43088696        43088777        .       +
        2       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43092037        43092142        .       +
        1       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43095053        43095172        .       +
        0       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43097733        43097809        .       +
        0       Parent=Smp_342660.1
SM_V9_3 Liftoff CDS     43101823        43101925        .       +
        1       Parent=Smp_342660.1
SM_V9_3 Liftoff gene    43103315        43121120        .       -
        .
ID=Smp_342670;geneID=Smp_342670;previous_systematic_id=Smp_132510
SM_V9_3 Liftoff mRNA    43103315        43121120        .       -
        .
ID=Smp_342670.1;Parent=Smp_342670;geneID=Smp_342670;product=Breast
cancer type 1 susceptibility protein
homolog;polypeptide_domain=InterPro:IPR001357,IPR001841,IPR013083,IP
R017907 Pfam:PF13920
SM_V9_3 Liftoff exon    43103315        43103794        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43104861        43105260        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43106965        43107083        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43111157        43111253        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43112444        43112851        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43115430        43115738        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43117408        43117683        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43118628        43120559        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43120600        43120652        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43120688        43120776        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43120808        43120936        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff exon    43120973        43121120        .       -
        .       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43103649        43103794        .       -
        2       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43104861        43105260        .       -
        0       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43106965        43107083        .       -
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        2       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43111157        43111253        .       -
        0       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43112444        43112851        .       -
        0       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43115430        43115738        .       -
        0       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43117408        43117683        .       -
        0       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43118628        43120559        .       -
        0       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43120600        43120652        .       -
        2       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43120688        43120776        .       -
        1       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43120808        43120936        .       -
        1       Parent=Smp_342670.1
SM_V9_3 Liftoff CDS     43120973        43121046        .       -
        0       Parent=Smp_342670.1
SM_V9_3 iris    gene    43130464        43165870        .       +
        .
ID=Smp_342680;geneID=Smp_342680;gene_name=Smp_342680;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-07-26
SM_V9_3 iris    mRNA    43130464        43165870        .       +
        .
ID=Smp_342680.1;Parent=Smp_342680;geneID=Smp_342680;gene_name=Smp_34
2680;owner=irisadmin@local.host;orig_id=Smp_342680.1;date_last_modif
ied=2022-08-19;Name=Smp_342680.1;product=Semaphorin-1A;date_creation
=2022-07-26
SM_V9_3 iris    exon    43130464        43130757        .       +
        .       Parent=Smp_342680.1;Name=a3545a4e-
b63c-429d-9759-87e8ea7b020d
SM_V9_3 iris    exon    43130798        43131084        .       +
        .
Parent=Smp_342680.1;Name=ad990a40-44b6-4c50-8011-3f9465fdc860
SM_V9_3 iris    exon    43134537        43134895        .       +
        .       Parent=Smp_342680.1;Name=bd8e8e1f-
eb4c-469c-9e43-60409d3bac69
SM_V9_3 iris    exon    43137583        43137731        .       +
        .
Parent=Smp_342680.1;Name=54c58da9-8e94-45df-8db3-29c74e81e263
SM_V9_3 iris    exon    43141607        43142018        .       +
        .       Parent=Smp_342680.1;Name=167f91da-5f7e-4294-916c-
a2a2b65666c0
SM_V9_3 iris    exon    43145493        43145715        .       +
        .       Parent=Smp_342680.1;Name=79b77539-24bf-427d-
b19c-4edefef9ee3b
SM_V9_3 iris    exon    43149988        43150381        .       +
        .       Parent=Smp_342680.1;Name=7d41160c-
bab8-452a-8913-5653c8bb9258
SM_V9_3 iris    exon    43158989        43159063        .       +
        .       Parent=Smp_342680.1;Name=2a2750dd-98aa-4db7-
b0ef-41b098bc180f
SM_V9_3 iris    exon    43160359        43160441        .       +
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        .       Parent=Smp_342680.1;Name=83e1a06a-d0bd-4dd2-
a808-25b33d8f8e5e
SM_V9_3 iris    exon    43165208        43165870        .       +
        .       Parent=Smp_342680.1;Name=979a2c21-
dab3-4074-8a67-6ab661f10ee0
SM_V9_3 iris    CDS     43130591        43130757        .       +
        0       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43130798        43131084        .       +
        1       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43134537        43134895        .       +
        2       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43137583        43137731        .       +
        0       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43141607        43142018        .       +
        1       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43145493        43145715        .       +
        0       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43149988        43150381        .       +
        2       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43158989        43159063        .       +
        1       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43160359        43160441        .       +
        1       Parent=Smp_342680.1
SM_V9_3 iris    CDS     43165208        43165656        .       +
        2       Parent=Smp_342680.1
SM_V9_3 Liftoff gene    43233544        43248718        .       +
        .       ID=Smp_018870;geneID=Smp_018870
SM_V9_3 Liftoff mRNA    43233544        43248718        .       +
        .
ID=Smp_018870.1;Parent=Smp_018870;geneID=Smp_018870;product=NAD/
NADP-dependent betaine aldehyde
dehydrogenase;polypeptide_domain=InterPro:IPR032770 Pfam:PF15057
SM_V9_3 Liftoff exon    43233544        43233996        .       +
        .       Parent=Smp_018870.1
SM_V9_3 Liftoff exon    43234044        43234319        .       +
        .       Parent=Smp_018870.1
SM_V9_3 Liftoff exon    43235370        43235727        .       +
        .       Parent=Smp_018870.1
SM_V9_3 Liftoff exon    43237261        43237535        .       +
        .       Parent=Smp_018870.1
SM_V9_3 Liftoff exon    43240763        43241081        .       +
        .       Parent=Smp_018870.1
SM_V9_3 Liftoff exon    43245188        43245528        .       +
        .       Parent=Smp_018870.1
SM_V9_3 Liftoff exon    43248147        43248718        .       +
        .       Parent=Smp_018870.1
SM_V9_3 Liftoff CDS     43233826        43233996        .       +
        0       Parent=Smp_018870.1
SM_V9_3 Liftoff CDS     43234044        43234319        .       +
        0       Parent=Smp_018870.1
SM_V9_3 Liftoff CDS     43235370        43235727        .       +
        0       Parent=Smp_018870.1
SM_V9_3 Liftoff CDS     43237261        43237535        .       +
        2       Parent=Smp_018870.1
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SM_V9_3 Liftoff CDS     43240763        43241081        .       +
        0       Parent=Smp_018870.1
SM_V9_3 Liftoff CDS     43245188        43245528        .       +
        2       Parent=Smp_018870.1
SM_V9_3 Liftoff CDS     43248147        43248380        .       +
        0       Parent=Smp_018870.1
SM_V9_3 Liftoff gene    43253194        43254380        .       -
        .       ID=Smp_018880;geneID=Smp_018880
SM_V9_3 Liftoff mRNA    43253194        43254380        .       -
        .
ID=Smp_018880.1;Parent=Smp_018880;geneID=Smp_018880;product=Uncharac
terized protein yae1
SM_V9_3 Liftoff exon    43253194        43254102        .       -
        .       Parent=Smp_018880.1
SM_V9_3 Liftoff exon    43254219        43254267        .       -
        .       Parent=Smp_018880.1
SM_V9_3 Liftoff exon    43254330        43254380        .       -
        .       Parent=Smp_018880.1
SM_V9_3 Liftoff CDS     43253696        43254102        .       -
        2       Parent=Smp_018880.1
SM_V9_3 Liftoff CDS     43254219        43254267        .       -
        0       Parent=Smp_018880.1
SM_V9_3 Liftoff CDS     43254330        43254344        .       -
        0       Parent=Smp_018880.1
SM_V9_3 iris    gene    43268860        43284438        .       +
        .
ID=Smp_342690;geneID=Smp_342690;gene_name=Smp_342690;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-08-22
SM_V9_3 iris    mRNA    43268860        43284438        .       +
        .
ID=Smp_342690.1;Parent=Smp_342690;geneID=Smp_342690;gene_name=Smp_34
2690;owner=irisadmin@local.host;orig_id=Smp_342690.1;date_last_modif
ied=2022-09-07;Name=Smp_342690.1;product=Polyprenol
reductase;date_creation=2022-08-22
SM_V9_3 iris    exon    43268860        43268917        .       +
        .       Parent=Smp_342690.1;Name=61ef70a4-
c492-4b6a-9091-872a97cce2ef
SM_V9_3 iris    exon    43270580        43270773        .       +
        .
Parent=Smp_342690.1;Name=e8f4f9be-44a0-45cb-98eb-09a209a9a6dc
SM_V9_3 iris    exon    43275007        43275080        .       +
        .       Parent=Smp_342690.1;Name=bcd48adb-ffd2-4e1a-b8a3-
c156389dbebe
SM_V9_3 iris    exon    43277448        43277636        .       +
        .
Parent=Smp_342690.1;Name=7a8e084f-6c58-4022-9617-11dc8c94505e
SM_V9_3 iris    exon    43281218        43281337        .       +
        .       Parent=Smp_342690.1;Name=15110b7c-a89b-43dd-
b90c-2e36294e11c6
SM_V9_3 iris    exon    43283776        43284438        .       +
        .       Parent=Smp_342690.1;Name=a871a354-3363-4cb5-a1d0-
de17e344de01
SM_V9_3 iris    CDS     43268915        43268917        .       +
        0       Parent=Smp_342690.1
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SM_V9_3 iris    CDS     43270580        43270773        .       +
        0       Parent=Smp_342690.1
SM_V9_3 iris    CDS     43275007        43275080        .       +
        1       Parent=Smp_342690.1
SM_V9_3 iris    CDS     43277448        43277636        .       +
        2       Parent=Smp_342690.1
SM_V9_3 iris    CDS     43281218        43281337        .       +
        2       Parent=Smp_342690.1
SM_V9_3 iris    CDS     43283776        43284035        .       +
        2       Parent=Smp_342690.1
SM_V9_3 iris    mRNA    43268860        43284438        .       +
        .
ID=Smp_342690.2;Parent=Smp_342690;geneID=Smp_342690;gene_name=Smp_34
2690;owner=irisadmin@local.host;date_last_modified=2022-09-07;Name=S
mp_342690.2;date_creation=2022-09-07
SM_V9_3 iris    exon    43268860        43268917        .       +
        .       Parent=Smp_342690.2;Name=36903541-0eda-46e7-
b995-6fa8d0e60074
SM_V9_3 iris    exon    43270373        43270773        .       +
        .
Parent=Smp_342690.2;Name=704d12f0-0fe5-4a32-98ac-20d8316689ca
SM_V9_3 iris    exon    43275007        43275080        .       +
        .       Parent=Smp_342690.2;Name=0c4633b4-5911-498a-bdb2-
eff1d7c32fc0
SM_V9_3 iris    exon    43277448        43277636        .       +
        .       Parent=Smp_342690.2;Name=283f8c03-f331-4bd5-
bf7f-63ed0bfdf787
SM_V9_3 iris    exon    43281218        43281337        .       +
        .       Parent=Smp_342690.2;Name=0db22dfc-6322-4475-b6da-
ff38b088e772
SM_V9_3 iris    exon    43283776        43284438        .       +
        .       Parent=Smp_342690.2;Name=36a76473-3077-400d-b444-
a06b83a3ce91
SM_V9_3 iris    CDS     43275074        43275080        .       +
        0       Parent=Smp_342690.2
SM_V9_3 iris    CDS     43277448        43277636        .       +
        2       Parent=Smp_342690.2
SM_V9_3 iris    CDS     43281218        43281337        .       +
        2       Parent=Smp_342690.2
SM_V9_3 iris    CDS     43283776        43284035        .       +
        2       Parent=Smp_342690.2
SM_V9_3 iris    gene    43296694        43309538        .       +
        .
ID=Smp_214060;geneID=Smp_214060;gene_name=Smp_214060;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    43296694        43309538        .       +
        .
ID=Smp_214060.1;Parent=Smp_214060;geneID=Smp_214060;gene_name=Smp_21
4060;owner=irisadmin@local.host;orig_id=Smp_214060.1;date_last_modif
ied=2022-07-27;Name=Smp_214060.1;product=phosphoglycerate
kinase;date_creation=2022-07-26
SM_V9_3 iris    exon    43296694        43296789        .       +
        .       Parent=Smp_214060.1;Name=782e9aa6-2dca-4a11-a849-
ab3a8cdccefe
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SM_V9_3 iris    exon    43296831        43296881        .       +
        .
Parent=Smp_214060.1;Name=73070fd4-7e04-4ec9-818e-439f31dcebde
SM_V9_3 iris    exon    43296921        43297218        .       +
        .       Parent=Smp_214060.1;Name=0f6fb8fe-d09c-48fa-af26-
ebb8bef81e5b
SM_V9_3 iris    exon    43298448        43298551        .       +
        .       Parent=Smp_214060.1;Name=efcfbf8d-
b348-4b6c-8cd3-183f05dad6d4
SM_V9_3 iris    exon    43303650        43303769        .       +
        .       Parent=Smp_214060.1;Name=cc8db54f-
f522-49aa-82d8-2d177facf76b
SM_V9_3 iris    exon    43303917        43304031        .       +
        .
Parent=Smp_214060.1;Name=b0dde71c-3ae7-42cc-977a-49edb7778a86
SM_V9_3 iris    exon    43306062        43306241        .       +
        .       Parent=Smp_214060.1;Name=3a137ef1-7cef-4f89-92d7-
f4937db60fcd
SM_V9_3 iris    exon    43307980        43308157        .       +
        .       Parent=Smp_214060.1;Name=2b04b04d-7a01-44fd-
b731-5842f29886f7
SM_V9_3 iris    exon    43308401        43308499        .       +
        .       Parent=Smp_214060.1;Name=ceac4321-f09d-447c-
a8f3-4a09c7745611
SM_V9_3 iris    exon    43309283        43309538        .       +
        .       Parent=Smp_214060.1;Name=91810dbf-92ba-4f64-acc9-
a06ce1449f19
SM_V9_3 iris    CDS     43296728        43296789        .       +
        0       Parent=Smp_214060.1
SM_V9_3 iris    CDS     43296831        43296881        .       +
        1       Parent=Smp_214060.1
SM_V9_3 iris    CDS     43296921        43297218        .       +
        1       Parent=Smp_214060.1
SM_V9_3 iris    CDS     43298448        43298551        .       +
        0       Parent=Smp_214060.1
SM_V9_3 iris    CDS     43303650        43303769        .       +
        1       Parent=Smp_214060.1
SM_V9_3 iris    CDS     43303917        43304031        .       +
        1       Parent=Smp_214060.1
SM_V9_3 iris    CDS     43306062        43306241        .       +
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SM_V9_3 iris    CDS     43307980        43308157        .       +
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IPR013320,IPR018097,IPR032675
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        .       Parent=Smp_132540.1
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SM_V9_3 Liftoff CDS     43345124        43345232        .       -
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SM_V9_3 Liftoff CDS     43375249        43375477        .       -
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SM_V9_3 Liftoff CDS     43377820        43377989        .       -
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SM_V9_3 Liftoff CDS     43379997        43380068        .       -
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SM_V9_3 Liftoff CDS     43380801        43380872        .       -
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SM_V9_3 Liftoff CDS     43392461        43392620        .       -
        2       Parent=Smp_132540.1
SM_V9_3 Liftoff CDS     43396761        43396945        .       -
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SM_V9_3 Liftoff CDS     43401201        43401272        .       -
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SM_V9_3 Liftoff CDS     43457216        43457781        .       -
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SM_V9_3 Liftoff exon    43468120        43472205        .       +
        .       Parent=Smp_018930.1
SM_V9_3 Liftoff CDS     43471337        43471909        .       +
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SM_V9_3 Liftoff gene    43472790        43477176        .       -
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SM_V9_3 Liftoff exon    43472790        43473275        .       -
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SM_V9_3 Liftoff CDS     43475539        43475709        .       -
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SM_V9_3 iris    mRNA    43480870        43495774        .       +
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7;date_creation=2022-07-26
SM_V9_3 iris    exon    43480870        43480927        .       +
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SM_V9_3 iris    exon    43481749        43482099        .       +
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b95c-2a77b035d569
SM_V9_3 iris    exon    43482304        43482559        .       +
        .
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SM_V9_3 iris    exon    43487380        43487507        .       +
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SM_V9_3 iris    exon    43491032        43491229        .       +
        .
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SM_V9_3 iris    exon    43495053        43495774        .       +
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SM_V9_3 iris    CDS     43491032        43491229        .       +
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POC5;date_creation=2022-09-07
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SM_V9_3 iris    CDS     43509866        43510029        .       -
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SM_V9_3 iris    CDS     43511634        43511994        .       -
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SM_V9_3 iris    CDS     43514082        43514261        .       -
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SM_V9_3 iris    CDS     43516369        43516555        .       -
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        .       Parent=Smp_342700.1
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SM_V9_3 Liftoff CDS     43550280        43550465        .       +
        0       Parent=Smp_342700.1
SM_V9_3 Liftoff CDS     43553017        43553309        .       +
        0       Parent=Smp_342700.1
SM_V9_3 Liftoff CDS     43555470        43555728        .       +
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SM_V9_3 Liftoff CDS     43557734        43558468        .       +
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        .       Parent=Smp_018980.1
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SM_V9_3 Liftoff exon    43583492        43583575        .       -
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SM_V9_3 Liftoff CDS     43574338        43576703        .       -
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SM_V9_3 Liftoff CDS     43580879        43581202        .       -
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SM_V9_3 Liftoff CDS     43612993        43613119        .       -
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        .       ID=Smp_202180;geneID=Smp_202180
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SM_V9_3 Liftoff exon    43642153        43642377        .       +
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SM_V9_3 Liftoff CDS     43642153        43642377        .       +
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SM_V9_3 Liftoff mRNA    43685721        43686476        .       -
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L9;polypeptide_domain=InterPro:IPR000702,IPR002359,IPR020040
Pfam:PF00347;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
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12,GO:0019843
SM_V9_3 Liftoff exon    43685721        43685864        .       -
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SM_V9_3 Liftoff exon    43685901        43686476        .       -
        .       Parent=Smp_018990.1
SM_V9_3 Liftoff CDS     43685764        43685864        .       -
        2       Parent=Smp_018990.1
SM_V9_3 Liftoff CDS     43685901        43686360        .       -
        0       Parent=Smp_018990.1
SM_V9_3 Liftoff gene    43697660        43698954        .       +
        .       ID=Smp_326710;geneID=Smp_326710
SM_V9_3 Liftoff mRNA    43697660        43698954        .       +
        .
ID=Smp_326710.1;Parent=Smp_326710;geneID=Smp_326710;product=Ribosome
maturation factor RimP
SM_V9_3 Liftoff exon    43697660        43697746        .       +
        .       Parent=Smp_326710.1
SM_V9_3 Liftoff exon    43698638        43698954        .       +
        .       Parent=Smp_326710.1
SM_V9_3 Liftoff CDS     43697683        43697746        .       +
        0       Parent=Smp_326710.1
SM_V9_3 Liftoff CDS     43698638        43698780        .       +
        2       Parent=Smp_326710.1
SM_V9_3 Liftoff gene    43703685        43705136        .       -
        .
ID=Smp_309570;geneID=Smp_309570;previous_systematic_id=Smp_019000
SM_V9_3 Liftoff mRNA    43703685        43705136        .       -
        .
ID=Smp_309570.1;Parent=Smp_309570;geneID=Smp_309570;product=ATP-
dependent RNA helicase glh-2
SM_V9_3 Liftoff exon    43703685        43704844        .       -
        .       Parent=Smp_309570.1
SM_V9_3 Liftoff exon    43704976        43705024        .       -
        .       Parent=Smp_309570.1
SM_V9_3 Liftoff exon    43705087        43705136        .       -
        .       Parent=Smp_309570.1
SM_V9_3 Liftoff CDS     43704198        43704844        .       -
        2       Parent=Smp_309570.1
SM_V9_3 Liftoff CDS     43704976        43705024        .       -
        0       Parent=Smp_309570.1
SM_V9_3 Liftoff CDS     43705087        43705101        .       -
        0       Parent=Smp_309570.1
SM_V9_3 Liftoff gene    43706510        43707726        .       +
        .
ID=Smp_309580;geneID=Smp_309580;previous_systematic_id=Smp_019000
SM_V9_3 Liftoff mRNA    43706510        43707726        .       +
        .
ID=Smp_309580.1;Parent=Smp_309580;geneID=Smp_309580;product=Uncharac
terized membrane protein YFL067W
SM_V9_3 Liftoff exon    43706510        43706702        .       +
        .       Parent=Smp_309580.1
SM_V9_3 Liftoff exon    43706765        43706813        .       +
        .       Parent=Smp_309580.1
SM_V9_3 Liftoff exon    43706945        43707726        .       +
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        .       Parent=Smp_309580.1
SM_V9_3 Liftoff CDS     43706649        43706702        .       +
        0       Parent=Smp_309580.1
SM_V9_3 Liftoff CDS     43706765        43706813        .       +
        0       Parent=Smp_309580.1
SM_V9_3 Liftoff CDS     43706945        43707591        .       +
        2       Parent=Smp_309580.1
SM_V9_3 Liftoff gene    43717090        43718548        .       +
        .       ID=Smp_326720;geneID=Smp_326720
SM_V9_3 Liftoff mRNA    43717090        43718548        .       +
        .
ID=Smp_326720.1;Parent=Smp_326720;geneID=Smp_326720;product=Probable
LRR receptor-like serine/threonine-protein kinase At2g23950
SM_V9_3 Liftoff exon    43717090        43717138        .       +
        .       Parent=Smp_326720.1
SM_V9_3 Liftoff exon    43717185        43717248        .       +
        .       Parent=Smp_326720.1
SM_V9_3 Liftoff exon    43718323        43718548        .       +
        .       Parent=Smp_326720.1
SM_V9_3 Liftoff CDS     43717124        43717138        .       +
        0       Parent=Smp_326720.1
SM_V9_3 Liftoff CDS     43717185        43717248        .       +
        0       Parent=Smp_326720.1
SM_V9_3 Liftoff CDS     43718323        43718432        .       +
        2       Parent=Smp_326720.1
SM_V9_3 iris    gene    43719207        43728656        .       -
        .
ID=Smp_019010;geneID=Smp_019010;gene_name=Smp_019010;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    43719207        43728656        .       -
        .
ID=Smp_019010.1;Parent=Smp_019010;geneID=Smp_019010;gene_name=Smp_01
9010;owner=irisadmin@local.host;orig_id=Smp_019010.1;date_last_modif
ied=2022-08-22;Name=Smp_019010.1;product=Dipeptidyl peptidase
3;date_creation=2022-08-22
SM_V9_3 iris    exon    43719207        43720858        .       -
        .
Parent=Smp_019010.1;Name=95748a9d-16f4-41d8-8a5a-1f349f5a375c
SM_V9_3 iris    exon    43721554        43721700        .       -
        .       Parent=Smp_019010.1;Name=0702e3fd-7263-47d8-
bc72-647d3baf2dc9
SM_V9_3 iris    exon    43723276        43723570        .       -
        .       Parent=Smp_019010.1;Name=b435b514-b88e-4e18-
a12c-015e844a5744
SM_V9_3 iris    exon    43725845        43726047        .       -
        .       Parent=Smp_019010.1;Name=9110d7b2-6294-4307-
bc2a-403aee1809af
SM_V9_3 iris    exon    43726084        43727403        .       -
        .       Parent=Smp_019010.1;Name=401aa5ed-1ced-4cb2-
bc78-1f5cb8f498e2
SM_V9_3 iris    exon    43728604        43728656        .       -
        .
Parent=Smp_019010.1;Name=610734d5-7820-4c16-84c4-59311fea71e7
SM_V9_3 iris    CDS     43720547        43720858        .       -
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        0       Parent=Smp_019010.1
SM_V9_3 iris    CDS     43721554        43721700        .       -
        0       Parent=Smp_019010.1
SM_V9_3 iris    CDS     43723276        43723570        .       -
        1       Parent=Smp_019010.1
SM_V9_3 iris    CDS     43725845        43726047        .       -
        0       Parent=Smp_019010.1
SM_V9_3 iris    CDS     43726084        43727304        .       -
        0       Parent=Smp_019010.1
SM_V9_3 iris    gene    43738141        43768246        .       -
        .
ID=Smp_241840;geneID=Smp_241840;gene_name=Smp_241840;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    43738141        43768246        .       -
        .
ID=Smp_241840.1;Parent=Smp_241840;geneID=Smp_241840;gene_name=Smp_24
1840;owner=irisadmin@local.host;orig_id=Smp_241840.1;date_last_modif
ied=2022-07-27;Name=Smp_241840.1;product=Choline/ethanolamine
kinase;date_creation=2022-07-26
SM_V9_3 iris    exon    43738141        43738918        .       -
        .
Parent=Smp_241840.1;Name=81e86f36-2545-47ab-9f44-2a5a6e97775c
SM_V9_3 iris    exon    43742007        43742330        .       -
        .
Parent=Smp_241840.1;Name=22551bc5-0ed4-4765-8c02-2813eac3516a
SM_V9_3 iris    exon    43746979        43747087        .       -
        .       Parent=Smp_241840.1;Name=724e153b-47b4-43d1-
ab4b-4f2a90eb174d
SM_V9_3 iris    exon    43751009        43751096        .       -
        .       Parent=Smp_241840.1;Name=fdb9ffa2-aac9-482b-9501-
cc713f914715
SM_V9_3 iris    exon    43755512        43755579        .       -
        .
Parent=Smp_241840.1;Name=8affba50-9764-4f1a-9e94-984ec7cc88c8
SM_V9_3 iris    exon    43757042        43757367        .       -
        .       Parent=Smp_241840.1;Name=c4dc9a5b-8c45-48ac-
aa72-82e4b680f9e6
SM_V9_3 iris    exon    43760136        43760364        .       -
        .       Parent=Smp_241840.1;Name=d23f66db-bfe2-4f66-80e8-
ae2ed1f8a4eb
SM_V9_3 iris    exon    43763696        43763960        .       -
        .       Parent=Smp_241840.1;Name=326805b8-88b3-4029-
a5ed-6eb10ef0df1e
SM_V9_3 iris    exon    43768161        43768246        .       -
        .
Parent=Smp_241840.1;Name=cff5d839-30d3-4c76-95b5-2fd13a4570e4
SM_V9_3 iris    CDS     43738850        43738918        .       -
        0       Parent=Smp_241840.1
SM_V9_3 iris    CDS     43742007        43742330        .       -
        0       Parent=Smp_241840.1
SM_V9_3 iris    CDS     43746979        43747087        .       -
        1       Parent=Smp_241840.1
SM_V9_3 iris    CDS     43751009        43751096        .       -
        2       Parent=Smp_241840.1
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SM_V9_3 iris    CDS     43755512        43755579        .       -
        1       Parent=Smp_241840.1
SM_V9_3 iris    CDS     43757042        43757367        .       -
        0       Parent=Smp_241840.1
SM_V9_3 iris    CDS     43760136        43760364        .       -
        1       Parent=Smp_241840.1
SM_V9_3 iris    CDS     43763696        43763877        .       -
        0       Parent=Smp_241840.1
SM_V9_3 Liftoff gene    43785706        43795940        .       +
        .       ID=Smp_019030;geneID=Smp_019030
SM_V9_3 Liftoff mRNA    43785706        43795940        .       +
        .
ID=Smp_019030.1;Parent=Smp_019030;geneID=Smp_019030;product=Cathepsi
n C;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR000169,IPR000668,IPR014882,
IPR025660 Pfam:PF00112,PF08773;Ontology_term=GO:0006508,GO:0008234
SM_V9_3 Liftoff exon    43785706        43786486        .       +
        .       Parent=Smp_019030.1
SM_V9_3 Liftoff exon    43786525        43786622        .       +
        .       Parent=Smp_019030.1
SM_V9_3 Liftoff exon    43786659        43786819        .       +
        .       Parent=Smp_019030.1
SM_V9_3 Liftoff exon    43788516        43788704        .       +
        .       Parent=Smp_019030.1
SM_V9_3 Liftoff exon    43790190        43790452        .       +
        .       Parent=Smp_019030.1
SM_V9_3 Liftoff exon    43792746        43793041        .       +
        .       Parent=Smp_019030.1
SM_V9_3 Liftoff exon    43795436        43795940        .       +
        .       Parent=Smp_019030.1
SM_V9_3 Liftoff CDS     43786339        43786486        .       +
        0       Parent=Smp_019030.1
SM_V9_3 Liftoff CDS     43786525        43786622        .       +
        2       Parent=Smp_019030.1
SM_V9_3 Liftoff CDS     43786659        43786819        .       +
        0       Parent=Smp_019030.1
SM_V9_3 Liftoff CDS     43788516        43788704        .       +
        1       Parent=Smp_019030.1
SM_V9_3 Liftoff CDS     43790190        43790452        .       +
        1       Parent=Smp_019030.1
SM_V9_3 Liftoff CDS     43792746        43793041        .       +
        2       Parent=Smp_019030.1
SM_V9_3 Liftoff CDS     43795436        43795648        .       +
        0       Parent=Smp_019030.1
SM_V9_3 Liftoff gene    43805453        43845562        .       -
        .       ID=Smp_019040;geneID=Smp_019040
SM_V9_3 Liftoff mRNA    43805453        43845562        .       -
        .
ID=Smp_019040.1;Parent=Smp_019040;geneID=Smp_019040;product=Upstream
-binding protein 1;polypeptide_domain=InterPro:IPR007604,IPR013761
Pfam:PF04516
SM_V9_3 Liftoff exon    43805453        43805730        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43811873        43812015        .       -
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SM_V9_3 Liftoff exon    43813651        43813700        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43815231        43815321        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43817144        43817888        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43820785        43821265        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43823234        43823499        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43825299        43825436        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43829153        43829328        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43830403        43830508        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43834941        43834996        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43836372        43836490        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43837880        43837993        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff exon    43845394        43845562        .       -
        .       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43805632        43805730        .       -
        0       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43811873        43812015        .       -
        2       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43813651        43813700        .       -
        1       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43815231        43815321        .       -
        2       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43817144        43817888        .       -
        0       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43820785        43821265        .       -
        1       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43823234        43823499        .       -
        0       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43825299        43825436        .       -
        0       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43829153        43829328        .       -
        2       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43830403        43830508        .       -
        0       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43834941        43834996        .       -
        2       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43836372        43836490        .       -
        1       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43837880        43837993        .       -
        1       Parent=Smp_019040.1
SM_V9_3 Liftoff CDS     43845394        43845500        .       -
        0       Parent=Smp_019040.1
SM_V9_3 iris    gene    43845994        43847122        .       +
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ID=Smp_185180;geneID=Smp_185180;gene_name=Smp_185180;owner=irisadmin
@local.host;date_last_modified=2022-11-10;date_creation=2022-11-10
SM_V9_3 iris    mRNA    43845994        43847122        .       +
        .
ID=Smp_185180.1;Parent=Smp_185180;geneID=Smp_185180;gene_name=Smp_18
5180;owner=irisadmin@local.host;orig_id=Smp_185180.1;date_last_modif
ied=2022-11-10;Name=Smp_185180.1;product=hypothetical
protein;date_creation=2022-11-10
SM_V9_3 iris    exon    43845994        43846612        .       +
        .
Parent=Smp_185180.1;Name=a33882b1-1452-49cb-9c19-14c6391af459
SM_V9_3 iris    exon    43846614        43847122        .       +
        .       Parent=Smp_185180.1;Name=4e5af719-
d785-4ad1-83a2-557c79a5148b
SM_V9_3 iris    CDS     43845994        43846612        .       +
        0       Parent=Smp_185180.1
SM_V9_3 iris    CDS     43846614        43847122        .       +
        2       Parent=Smp_185180.1
SM_V9_3 Liftoff gene    43867386        43868007        .       +
        .
ID=Smp_019050;geneID=Smp_019050;previous_systematic_id=Smp_132580
SM_V9_3 Liftoff mRNA    43867386        43868007        .       +
        .
ID=Smp_019050.1;Parent=Smp_019050;geneID=Smp_019050;product=Tubulin-
specific chaperone A;polypeptide_domain=InterPro:IPR004226
Pfam:PF02970;Ontology_term=GO:0007021,GO:0007023,GO:0048487
SM_V9_3 Liftoff exon    43867386        43867492        .       +
        .       Parent=Smp_019050.1
SM_V9_3 Liftoff exon    43867527        43867632        .       +
        .       Parent=Smp_019050.1
SM_V9_3 Liftoff exon    43867667        43867756        .       +
        .       Parent=Smp_019050.1
SM_V9_3 Liftoff exon    43867794        43868007        .       +
        .       Parent=Smp_019050.1
SM_V9_3 Liftoff CDS     43867440        43867492        .       +
        0       Parent=Smp_019050.1
SM_V9_3 Liftoff CDS     43867527        43867632        .       +
        1       Parent=Smp_019050.1
SM_V9_3 Liftoff CDS     43867667        43867756        .       +
        0       Parent=Smp_019050.1
SM_V9_3 Liftoff CDS     43867794        43867874        .       +
        0       Parent=Smp_019050.1
SM_V9_3 iris    gene    43871698        43875418        .       -
        .
ID=Smp_019060;geneID=Smp_019060;gene_name=Smp_019060;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    43871698        43875418        .       -
        .
ID=Smp_019060.1;Parent=Smp_019060;geneID=Smp_019060;gene_name=Smp_01
9060;owner=irisadmin@local.host;orig_id=Smp_019060.2;date_last_modif
ied=2022-07-27;Name=Smp_019060.1;product=Probable Xaa-Pro
aminopeptidase pepP;date_creation=2022-07-26
SM_V9_3 iris    exon    43871698        43871976        .       -
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SM_V9_3 iris    exon    43875243        43875320        .       -
        .       Parent=Smp_019060.1;Name=0a74ee75-4579-4e9d-a01b-
b535744d0416
SM_V9_3 iris    exon    43875358        43875418        .       -
        .       Parent=Smp_019060.1;Name=e2d2b54b-3f95-49dd-
a6d0-578cde16da14
SM_V9_3 iris    CDS     43871791        43871976        .       -
        0       Parent=Smp_019060.1
SM_V9_3 iris    CDS     43875243        43875320        .       -
        0       Parent=Smp_019060.1
SM_V9_3 iris    CDS     43875358        43875360        .       -
        0       Parent=Smp_019060.1
SM_V9_3 Liftoff gene    43887005        43912471        .       +
        .       ID=Smp_132590;geneID=Smp_132590
SM_V9_3 Liftoff mRNA    43887005        43912471        .       +
        .
ID=Smp_132590.1;Parent=Smp_132590;geneID=Smp_132590;product=CCAAT/
enhancer-binding protein
zeta;polypeptide_domain=InterPro:IPR005612,IPR011989,IPR016024
Pfam:PF03914;Ontology_term=GO:0005488
SM_V9_3 Liftoff exon    43887005        43887062        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43887092        43887401        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43887437        43887618        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43887650        43887698        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43887737        43887777        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43887808        43887892        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43887925        43888218        .       +
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SM_V9_3 Liftoff exon    43890328        43890473        .       +
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SM_V9_3 Liftoff exon    43890801        43890998        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43893136        43893192        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43896624        43897146        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43898411        43898543        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43899856        43899986        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43905437        43905487        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43907169        43907246        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff exon    43909020        43909191        .       +
        .       Parent=Smp_132590.1
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SM_V9_3 Liftoff exon    43912111        43912471        .       +
        .       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43887012        43887062        .       +
        0       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43887092        43887401        .       +
        0       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43887437        43887618        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43887650        43887698        .       +
        0       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43887737        43887777        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43887808        43887892        .       +
        0       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43887925        43888218        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43890328        43890473        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43890801        43890998        .       +
        0       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43893136        43893192        .       +
        0       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43896624        43897146        .       +
        0       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43898411        43898543        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43899856        43899986        .       +
        1       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43905437        43905487        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43907169        43907246        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43909020        43909191        .       +
        2       Parent=Smp_132590.1
SM_V9_3 Liftoff CDS     43912111        43912399        .       +
        1       Parent=Smp_132590.1
SM_V9_3 Liftoff gene    43915767        43988942        .       -
        .
ID=Smp_309590;geneID=Smp_309590;previous_systematic_id=Smp_141790,Sm
p_241850,Smp_205990,Smp_246190
SM_V9_3 Liftoff mRNA    43915767        43988942        .       -
        .
ID=Smp_309590.1;Parent=Smp_309590;geneID=Smp_309590;product=Membrane
-associated guanylate kinase, WW and PDZ domain-containing protein
1;polypeptide_domain=InterPro:IPR001202,IPR001478,IPR008144,IPR00814
5,IPR020590,IPR027417 Pfam:PF00595,PF00625;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    43915767        43917974        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43921090        43921285        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43922772        43922959        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43924295        43924462        .       -
        .       Parent=Smp_309590.1
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SM_V9_3 Liftoff exon    43925405        43925615        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43927600        43927785        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43928983        43929272        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43932138        43932468        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43933599        43933777        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43939260        43939299        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43942331        43942404        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43951469        43951700        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43954687        43954953        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43956691        43956981        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43963343        43963852        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43975837        43976588        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43981665        43981784        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff exon    43982027        43988942        .       -
        .       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43917964        43917974        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43921090        43921285        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43922772        43922959        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43924295        43924462        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43925405        43925615        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43927600        43927785        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43928983        43929272        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43932138        43932468        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43933599        43933777        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43939260        43939299        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43942331        43942404        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43951469        43951700        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43954687        43954953        .       -
        0       Parent=Smp_309590.1
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SM_V9_3 Liftoff CDS     43956691        43956981        .       -
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SM_V9_3 Liftoff CDS     43963343        43963852        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43975837        43976588        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43981665        43981784        .       -
        2       Parent=Smp_309590.1
SM_V9_3 Liftoff CDS     43982027        43982600        .       -
        0       Parent=Smp_309590.1
SM_V9_3 Liftoff mRNA    43915767        43988942        .       -
        .
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1;polypeptide_domain=InterPro:IPR001202,IPR001478,IPR008144,IPR00814
5,IPR020590,IPR027417 Pfam:PF00595,PF00625;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    43915767        43916447        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43921090        43921285        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43922772        43922959        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43924295        43924462        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43925405        43925615        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43927600        43927785        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43928983        43929272        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43932138        43932468        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43933599        43933777        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43939260        43939299        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43942331        43942404        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43951469        43951700        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43954687        43954953        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43956691        43956981        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43963343        43963852        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43975837        43976588        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43981665        43981784        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff exon    43982027        43988942        .       -
        .       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43916305        43916447        .       -
        2       Parent=Smp_309590.2
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SM_V9_3 Liftoff CDS     43921090        43921285        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43922772        43922959        .       -
        2       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43924295        43924462        .       -
        2       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43925405        43925615        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43927600        43927785        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43928983        43929272        .       -
        2       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43932138        43932468        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43933599        43933777        .       -
        2       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43939260        43939299        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43942331        43942404        .       -
        2       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43951469        43951700        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43954687        43954953        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43956691        43956981        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43963343        43963852        .       -
        0       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43975837        43976588        .       -
        2       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43981665        43981784        .       -
        2       Parent=Smp_309590.2
SM_V9_3 Liftoff CDS     43982027        43982600        .       -
        0       Parent=Smp_309590.2
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        .
ID=Smp_346790;geneID=Smp_346790;gene_name=Smp_346790;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    44023233        44096917        .       -
        .
ID=Smp_346790.1;Parent=Smp_346790;geneID=Smp_346790;gene_name=Smp_34
6790;owner=irisadmin@local.host;orig_id=Smp_346790.1;date_last_modif
ied=2022-08-22;Name=Smp_346790.1;product=Hypothetical
protein;date_creation=2022-08-22
SM_V9_3 iris    exon    44023233        44026976        .       -
        .       Parent=Smp_346790.1;Name=15de41a4-99c3-454d-
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SM_V9_3 iris    exon    44096660        44096917        .       -
        .       Parent=Smp_346790.1;Name=423932a7-7594-4ba2-8f2d-
d1155b9ac708
SM_V9_3 iris    CDS     44024497        44026821        .       -
        0       Parent=Smp_346790.1
SM_V9_3 iris    gene    44249982        44390455        .       -
        .
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ID=Smp_197640;geneID=Smp_197640;gene_name=Smp_197640;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    44249982        44390455        .       -
       .
ID=Smp_197640.1;Parent=Smp_197640;geneID=Smp_197640;gene_name=Smp_19
7640;owner=irisadmin@local.host;orig_id=Smp_197640.1;date_last_modif
ied=2022-07-27;Name=Smp_197640.1;product=Sodium leak channel non-
selective protein;date_creation=2022-07-26
SM_V9_3 iris    exon    44249982        44252391        .       -
       .       Parent=Smp_197640.1;Name=a6e2d6f9-cf9c-4ce0-
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SM_V9_3 iris    exon    44258497        44258647        .       -
       .       Parent=Smp_197640.1;Name=fe14b9d5-00a0-4c90-
b3e9-95811a5b311c
SM_V9_3 iris    exon    44264010        44264182        .       -
       .       Parent=Smp_197640.1;Name=86e24b2c-de77-4280-
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       .       Parent=Smp_197640.1;Name=00ef0b3d-7c87-4abd-a2c1-
fcfdba374f3e
SM_V9_3 iris    exon    44270983        44271147        .       -
       .       Parent=Smp_197640.1;Name=f2bbbcb9-7f92-4b36-
b438-25ed3366b706
SM_V9_3 iris    exon    44272629        44272836        .       -
       .
Parent=Smp_197640.1;Name=5f7402bc-9e6d-4bba-80e8-2433b47fb54e
SM_V9_3 iris    exon    44276015        44276089        .       -
       .       Parent=Smp_197640.1;Name=112273f1-bc7d-42d4-9367-
b4fc5942a115
SM_V9_3 iris    exon    44277429        44277656        .       -
       .       Parent=Smp_197640.1;Name=e12a8bcf-d966-4bbc-
ab36-56f06b472f34
SM_V9_3 iris    exon    44282693        44282865        .       -
       .       Parent=Smp_197640.1;Name=4688a087-f3cf-4598-
a0f6-201adba2529d
SM_V9_3 iris    exon    44284071        44284164        .       -
       .       Parent=Smp_197640.1;Name=440d4814-367b-42a7-af32-
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SM_V9_3 iris    exon    44287438        44287536        .       -
       .
Parent=Smp_197640.1;Name=d293b246-2e18-4aff-9df0-308810deb266
SM_V9_3 iris    exon    44290649        44290864        .       -
       .
Parent=Smp_197640.1;Name=09681024-4442-4973-8905-657fcf81b450
SM_V9_3 iris    exon    44293623        44293727        .       -
       .
Parent=Smp_197640.1;Name=01552a64-9340-4f62-8786-1d4f966b242b
SM_V9_3 iris    exon    44296022        44296195        .       -
       .       Parent=Smp_197640.1;Name=4de59bea-f01b-41c1-80b7-
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SM_V9_3 iris    exon    44298892        44299023        .       -
       .
Parent=Smp_197640.1;Name=23a3c08c-36fe-4cca-8a96-4019da456ff9
SM_V9_3 iris    exon    44300417        44300537        .       -
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SM_V9_3 iris    exon    44301880        44302044        .       -
        .       Parent=Smp_197640.1;Name=36759ff6-a62f-4ec3-b25d-
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SM_V9_3 iris    exon    44304008        44304199        .       -
        .       Parent=Smp_197640.1;Name=7921ac1d-ce30-4fd3-a4d1-
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SM_V9_3 iris    exon    44306957        44307055        .       -
        .       Parent=Smp_197640.1;Name=c270bf7b-2b2d-4d7c-
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SM_V9_3 iris    exon    44308741        44309103        .       -
        .
Parent=Smp_197640.1;Name=56282ef9-0598-433c-8cd4-97300409d78e
SM_V9_3 iris    exon    44313179        44313252        .       -
        .       Parent=Smp_197640.1;Name=08891c98-aa84-4ac7-bd6d-
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SM_V9_3 iris    exon    44318564        44318704        .       -
        .       Parent=Smp_197640.1;Name=2d1d070b-
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SM_V9_3 iris    exon    44320900        44321043        .       -
        .       Parent=Smp_197640.1;Name=c41848be-7893-4803-b510-
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SM_V9_3 iris    exon    44323089        44323148        .       -
        .       Parent=Smp_197640.1;Name=6f49e624-ce5c-4078-82d2-
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SM_V9_3 iris    exon    44325371        44325538        .       -
        .
Parent=Smp_197640.1;Name=6996ae50-9ffa-40d1-90be-21cc626c66a7
SM_V9_3 iris    exon    44332808        44332957        .       -
        .       Parent=Smp_197640.1;Name=4b77126b-c66b-49f0-
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SM_V9_3 iris    exon    44338622        44338708        .       -
        .       Parent=Smp_197640.1;Name=1343b444-98c2-49d7-
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SM_V9_3 iris    exon    44340593        44340694        .       -
        .       Parent=Smp_197640.1;Name=36694efa-802c-4f6e-8dc1-
d1a9a6cbe166
SM_V9_3 iris    exon    44343617        44343759        .       -
        .       Parent=Smp_197640.1;Name=28c0d8c9-
fea1-4f7b-9724-768ae47305b6
SM_V9_3 iris    exon    44344729        44344877        .       -
        .       Parent=Smp_197640.1;Name=e05efeea-d774-44b6-
a2b1-16e75084c8dd
SM_V9_3 iris    exon    44352333        44352464        .       -
        .       Parent=Smp_197640.1;Name=54f219f4-d205-4ce3-98e5-
c8c1c9b6dbb0
SM_V9_3 iris    exon    44354762        44355105        .       -
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        .       Parent=Smp_197640.1;Name=dd3bef86-59fa-431f-80db-
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SM_V9_3 iris    exon    44390175        44390455        .       -
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f02e9d9724e4
SM_V9_3 iris    CDS     44250361        44252391        .       -
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SM_V9_3 iris    CDS     44258497        44258647        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44264010        44264182        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44268743        44268858        .       -
        2       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44270983        44271147        .       -
        2       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44272629        44272836        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44276015        44276089        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44277429        44277656        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44282693        44282865        .       -
        2       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44284071        44284164        .       -
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        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44290649        44290864        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44293623        44293727        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44296022        44296195        .       -
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SM_V9_3 iris    CDS     44300417        44300537        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44301880        44302044        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44304008        44304199        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44306957        44307055        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44308741        44309103        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44313179        44313252        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44315772        44315846        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44318564        44318704        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44320900        44321043        .       -
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SM_V9_3 iris    CDS     44323089        44323148        .       -
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        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44332808        44332957        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44338622        44338708        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44340593        44340694        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44343617        44343759        .       -
        2       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44344729        44344877        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44352333        44352464        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44354762        44355105        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44372466        44372655        .       -
        1       Parent=Smp_197640.1
SM_V9_3 iris    CDS     44390175        44390302        .       -
        0       Parent=Smp_197640.1
SM_V9_3 iris    gene    44394886        44448276        .       +
        .
ID=Smp_169700;geneID=Smp_169700;gene_name=Smp_169700;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    44394886        44448276        .       +
        .
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9700;owner=irisadmin@local.host;orig_id=Smp_169700.1;date_last_modif
ied=2022-07-27;Name=Smp_169700.1;product=LIM domain-containing
protein PLIM2a;date_creation=2022-07-26
SM_V9_3 iris    exon    44394886        44395905        .       +
        .
Parent=Smp_169700.1;Name=da67caf0-1fa8-4bf1-83c4-4a33103e9367
SM_V9_3 iris    exon    44401657        44401734        .       +
        .       Parent=Smp_169700.1;Name=bbcf4857-1636-4af3-8fcc-
fd189c1bbdf9
SM_V9_3 iris    exon    44411143        44411264        .       +
        .
Parent=Smp_169700.1;Name=552cc45a-8320-4904-836f-64a0411df0d4
SM_V9_3 iris    exon    44434071        44434144        .       +
        .       Parent=Smp_169700.1;Name=6bfabdba-2b5b-4314-afbf-
b34453a42baa
SM_V9_3 iris    exon    44440121        44440150        .       +
        .       Parent=Smp_169700.1;Name=5b419954-d28b-4e27-
ad65-2653c620fafa
SM_V9_3 iris    exon    44447817        44448276        .       +
        .
Parent=Smp_169700.1;Name=dfe4473e-830f-4f32-9208-43607b796f9c
SM_V9_3 iris    CDS     44394943        44395905        .       +
        0       Parent=Smp_169700.1
SM_V9_3 iris    CDS     44401657        44401734        .       +
        0       Parent=Smp_169700.1
SM_V9_3 iris    CDS     44411143        44411264        .       +
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        0       Parent=Smp_169700.1
SM_V9_3 iris    CDS     44434071        44434144        .       +
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SM_V9_3 iris    CDS     44440121        44440150        .       +
        2       Parent=Smp_169700.1
SM_V9_3 iris    CDS     44447817        44447866        .       +
        2       Parent=Smp_169700.1
SM_V9_3 Liftoff gene    44452196        44456724        .       -
        .       ID=Smp_169690;geneID=Smp_169690
SM_V9_3 Liftoff mRNA    44452196        44456724        .       -
        .
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subunit epsilon;polypeptide_domain=InterPro:IPR006822,IPR011990
Pfam:PF04733;Ontology_term=GO:0005198,GO:0005515,GO:0006890
SM_V9_3 Liftoff exon    44452196        44452369        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44452424        44452498        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44452586        44452654        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44454555        44454710        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44454796        44454931        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44456138        44456187        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44456222        44456321        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44456381        44456547        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff exon    44456583        44456724        .       -
        .       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44452316        44452369        .       -
        0       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44452424        44452498        .       -
        0       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44452586        44452654        .       -
        0       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44454555        44454710        .       -
        0       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44454796        44454931        .       -
        1       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44456138        44456187        .       -
        0       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44456222        44456321        .       -
        1       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44456381        44456547        .       -
        0       Parent=Smp_169690.1
SM_V9_3 Liftoff CDS     44456583        44456672        .       -
        0       Parent=Smp_169690.1
SM_V9_3 Liftoff gene    44519494        44520854        .       -
        .
ID=Smp_347130;geneID=Smp_347130;previous_systematic_id=Smp_202290
SM_V9_3 Liftoff mRNA    44519494        44520854        .       -
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SM_V9_3 Liftoff exon    44519494        44519829        .       -
        .       Parent=Smp_347130.1
SM_V9_3 Liftoff exon    44520297        44520854        .       -
        .       Parent=Smp_347130.1
SM_V9_3 Liftoff CDS     44519803        44519829        .       -
        0       Parent=Smp_347130.1
SM_V9_3 Liftoff CDS     44520297        44520665        .       -
        0       Parent=Smp_347130.1
SM_V9_3 Liftoff gene    44521454        44567675        .       -
        .
ID=Smp_333690;geneID=Smp_333690;previous_systematic_id=Smp_169680
SM_V9_3 Liftoff mRNA    44521454        44567675        .       -
        .
ID=Smp_333690.1;Parent=Smp_333690;geneID=Smp_333690;product=Neuropep
tide Y receptor type
2;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    44521454        44521497        .       -
        .       Parent=Smp_333690.1
SM_V9_3 Liftoff exon    44521530        44521763        .       -
        .       Parent=Smp_333690.1
SM_V9_3 Liftoff exon    44567098        44567675        .       -
        .       Parent=Smp_333690.1
SM_V9_3 Liftoff CDS     44521489        44521497        .       -
        0       Parent=Smp_333690.1
SM_V9_3 Liftoff CDS     44521530        44521763        .       -
        0       Parent=Smp_333690.1
SM_V9_3 Liftoff CDS     44567098        44567562        .       -
        0       Parent=Smp_333690.1
SM_V9_3 iris    gene    44665657        44804382        .       +
        .
ID=Smp_333700;geneID=Smp_333700;gene_name=Smp_333700;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    44665657        44804382        .       +
        .
ID=Smp_333700.1;Parent=Smp_333700;geneID=Smp_333700;gene_name=Smp_33
3700;owner=irisadmin@local.host;orig_id=Smp_333700.2;date_last_modif
ied=2022-07-27;Name=Smp_333700.1;product=GATOR complex protein
DEPDC5;date_creation=2022-07-26
SM_V9_3 iris    exon    44665657        44665712        .       +
        .       Parent=Smp_333700.1;Name=6e38433e-6e1f-4cf6-b465-
f9a8c601ad07
SM_V9_3 iris    exon    44667316        44667391        .       +
        .       Parent=Smp_333700.1;Name=e4f72d06-ab8a-4baf-a028-
c21fe321692d
SM_V9_3 iris    exon    44667439        44667567        .       +
        .       Parent=Smp_333700.1;Name=a7f72131-3d4e-4c3b-baca-
e1f265bd4387
SM_V9_3 iris    exon    44667627        44667712        .       +
        .       Parent=Smp_333700.1;Name=2aa0af38-9e7e-4c6d-
bc9a-76b2b19aeb8d
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SM_V9_3 iris    exon    44667755        44667838        .       +
        .       Parent=Smp_333700.1;Name=562374d2-
ec7a-49b3-897e-846b447646a7
SM_V9_3 iris    exon    44667885        44667934        .       +
        .       Parent=Smp_333700.1;Name=14211191-fb8d-498f-
a5b2-886ad697eae2
SM_V9_3 iris    exon    44667987        44668056        .       +
        .       Parent=Smp_333700.1;Name=d37a65c8-1460-4e2c-8554-
a6b0908e0cf0
SM_V9_3 iris    exon    44668098        44668238        .       +
        .       Parent=Smp_333700.1;Name=1cd0886b-c446-49d2-8b8d-
cce54f1f0b9d
SM_V9_3 iris    exon    44668288        44668345        .       +
        .       Parent=Smp_333700.1;Name=41931339-
a5d8-4443-8bab-652494e1b912
SM_V9_3 iris    exon    44670496        44670565        .       +
        .       Parent=Smp_333700.1;Name=e4b5f199-297a-48f3-
b1de-88f7c6ea41aa
SM_V9_3 iris    exon    44673157        44673368        .       +
        .       Parent=Smp_333700.1;Name=b58febb1-bb7d-4884-
bd59-1d7bbe977cb6
SM_V9_3 iris    exon    44677547        44677681        .       +
        .       Parent=Smp_333700.1;Name=659814e5-cfb3-4566-b22c-
dcacbb066675
SM_V9_3 iris    exon    44679403        44679464        .       +
        .       Parent=Smp_333700.1;Name=0028dbfe-0a2c-4693-b3b3-
ff05e28d7906
SM_V9_3 iris    exon    44681077        44681138        .       +
        .       Parent=Smp_333700.1;Name=cac43da3-5088-4f00-
bde6-75944c179912
SM_V9_3 iris    exon    44681195        44681258        .       +
        .       Parent=Smp_333700.1;Name=49419f91-3b34-4556-9107-
c13cb311b81a
SM_V9_3 iris    exon    44681996        44682087        .       +
        .
Parent=Smp_333700.1;Name=b2eba733-4077-40a2-9b45-7b3e13090aba
SM_V9_3 iris    exon    44684084        44685006        .       +
        .       Parent=Smp_333700.1;Name=e836bdd6-cbb7-40fb-9783-
e7c6636bd572
SM_V9_3 iris    exon    44688933        44689340        .       +
        .       Parent=Smp_333700.1;Name=5c1f716f-7871-4248-
aad7-58be09cf23ec
SM_V9_3 iris    exon    44695059        44695156        .       +
        .       Parent=Smp_333700.1;Name=e570fbe4-a7b3-47e7-bf82-
bf8ca3655ac4
SM_V9_3 iris    exon    44696341        44696516        .       +
        .       Parent=Smp_333700.1;Name=096bf9a4-9829-4ced-8c35-
a4f9ae21834e
SM_V9_3 iris    exon    44697152        44697201        .       +
        .       Parent=Smp_333700.1;Name=b86305d9-ac35-4e2b-af76-
d047d1a8ca47
SM_V9_3 iris    exon    44706980        44707495        .       +
        .       Parent=Smp_333700.1;Name=87cea286-eedc-4a7b-
afa4-50d13f7821f8
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SM_V9_3 iris    exon    44719372        44719531        .       +
        .       Parent=Smp_333700.1;Name=1c550b96-3884-4b92-
a02d-4e971a445281
SM_V9_3 iris    exon    44722928        44723015        .       +
        .       Parent=Smp_333700.1;Name=4d216656-0fb4-465f-8ee9-
e9f9334205d1
SM_V9_3 iris    exon    44725272        44725988        .       +
        .
Parent=Smp_333700.1;Name=1ac34f91-95ef-43d9-8a58-1d92d2225787
SM_V9_3 iris    exon    44763871        44763956        .       +
        .       Parent=Smp_333700.1;Name=6421df85-
c15c-4779-95b3-97a7aa018f1a
SM_V9_3 iris    exon    44765963        44766140        .       +
        .       Parent=Smp_333700.1;Name=e0bfc6b8-a2e3-4cbf-
b5f6-507736b65008
SM_V9_3 iris    exon    44772849        44772931        .       +
        .       Parent=Smp_333700.1;Name=f2d2d1c5-ebb8-4074-
b41b-4b1f4e9a007d
SM_V9_3 iris    exon    44775968        44776124        .       +
        .       Parent=Smp_333700.1;Name=a40a4604-9185-4bea-
aef9-8f266395108a
SM_V9_3 iris    exon    44779896        44780347        .       +
        .
Parent=Smp_333700.1;Name=eeb2da50-63c0-4a14-86cf-93a319eb90cc
SM_V9_3 iris    exon    44781623        44781761        .       +
        .       Parent=Smp_333700.1;Name=362adab4-de50-4f27-
af36-61ca47017eb1
SM_V9_3 iris    exon    44785274        44785490        .       +
        .       Parent=Smp_333700.1;Name=0d52599b-2cf2-4bed-ab87-
ace377083316
SM_V9_3 iris    exon    44786992        44787918        .       +
        .       Parent=Smp_333700.1;Name=6c779144-f710-4bd9-8887-
b714f6fc3ce0
SM_V9_3 iris    exon    44793009        44793178        .       +
        .       Parent=Smp_333700.1;Name=895e940c-9e2a-4669-bf35-
b6b79a772ea0
SM_V9_3 iris    exon    44797486        44797806        .       +
        .       Parent=Smp_333700.1;Name=648d4ea5-b6bf-45fd-b341-
ccd0ebb8fa6e
SM_V9_3 iris    exon    44800247        44800446        .       +
        .
Parent=Smp_333700.1;Name=a18faf40-9e74-4a04-87c5-33e268b21d29
SM_V9_3 iris    exon    44801447        44801675        .       +
        .       Parent=Smp_333700.1;Name=57caef2f-80a9-4156-
ab1a-69884be6291f
SM_V9_3 iris    exon    44803924        44804382        .       +
        .       Parent=Smp_333700.1;Name=d2cee869-4d3d-4d24-
bc06-7db2dda8b81f
SM_V9_3 iris    CDS     44667325        44667391        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44667439        44667567        .       +
        2       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44667627        44667712        .       +
        2       Parent=Smp_333700.1
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SM_V9_3 iris    CDS     44667755        44667838        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44667885        44667934        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44667987        44668056        .       +
        1       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44668098        44668238        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44668288        44668345        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44670496        44670565        .       +
        2       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44673157        44673368        .       +
        1       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44677547        44677681        .       +
        2       Parent=Smp_333700.1
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SM_V9_3 iris    CDS     44681077        44681138        .       +
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        1       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44681996        44682087        .       +
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        1       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44688933        44689340        .       +
        2       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44695059        44695156        .       +
        2       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44696341        44696516        .       +
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SM_V9_3 iris    CDS     44697152        44697201        .       +
        1       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44706980        44707495        .       +
        2       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44719372        44719531        .       +
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SM_V9_3 iris    CDS     44722928        44723015        .       +
        1       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44725272        44725988        .       +
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SM_V9_3 iris    CDS     44763871        44763956        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44765963        44766140        .       +
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SM_V9_3 iris    CDS     44772849        44772931        .       +
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SM_V9_3 iris    CDS     44775968        44776124        .       +
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SM_V9_3 iris    CDS     44779896        44780347        .       +
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SM_V9_3 iris    CDS     44785274        44785490        .       +
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SM_V9_3 iris    CDS     44793009        44793178        .       +
        2       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44797486        44797806        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44800247        44800446        .       +
        0       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44801447        44801675        .       +
        1       Parent=Smp_333700.1
SM_V9_3 iris    CDS     44803924        44804226        .       +
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        .       ID=Smp_177120;geneID=Smp_177120
SM_V9_3 Liftoff mRNA    44891843        44898612        .       -
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division cycle 7-related protein
kinase;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_3 Liftoff exon    44891843        44892509        .       -
        .       Parent=Smp_177120.1
SM_V9_3 Liftoff exon    44894575        44895149        .       -
        .       Parent=Smp_177120.1
SM_V9_3 Liftoff exon    44896030        44896171        .       -
        .       Parent=Smp_177120.1
SM_V9_3 Liftoff exon    44896208        44896350        .       -
        .       Parent=Smp_177120.1
SM_V9_3 Liftoff exon    44896398        44896491        .       -
        .       Parent=Smp_177120.1
SM_V9_3 Liftoff exon    44896533        44898612        .       -
        .       Parent=Smp_177120.1
SM_V9_3 Liftoff CDS     44892110        44892509        .       -
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SM_V9_3 Liftoff CDS     44894575        44895149        .       -
        0       Parent=Smp_177120.1
SM_V9_3 Liftoff CDS     44896030        44896171        .       -
        1       Parent=Smp_177120.1
SM_V9_3 Liftoff CDS     44896208        44896350        .       -
        0       Parent=Smp_177120.1
SM_V9_3 Liftoff CDS     44896398        44896491        .       -
        1       Parent=Smp_177120.1
SM_V9_3 Liftoff CDS     44896533        44896759        .       -
        0       Parent=Smp_177120.1
SM_V9_3 iris    gene    44910946        44919577        .       +
        .
ID=Smp_115340;geneID=Smp_115340;gene_name=Smp_115340;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    44910946        44919577        .       +
        .
ID=Smp_115340.1;Parent=Smp_115340;geneID=Smp_115340;gene_name=Smp_11
5340;owner=irisadmin@local.host;orig_id=Smp_115340.1;date_last_modif
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ied=2022-07-27;Name=Smp_115340.1;product=N-alpha-acetyltransferase
40;date_creation=2022-07-26
SM_V9_3 iris    exon    44910946        44911008        .       +
        .       Parent=Smp_115340.1;Name=28151159-
ff7e-43ee-85c3-398e9491b5aa
SM_V9_3 iris    exon    44918728        44919011        .       +
        .       Parent=Smp_115340.1;Name=77d76b14-44e0-43f0-b177-
a36fdf425927
SM_V9_3 iris    exon    44919051        44919577        .       +
        .       Parent=Smp_115340.1;Name=9bd736d3-4a65-44b5-8518-
f8cbf5e609b1
SM_V9_3 iris    CDS     44918769        44919011        .       +
        0       Parent=Smp_115340.1
SM_V9_3 iris    CDS     44919051        44919515        .       +
        0       Parent=Smp_115340.1
SM_V9_3 Liftoff gene    44927734        44938941        .       -
        .
ID=Smp_346510;geneID=Smp_346510;previous_systematic_id=Smp_177110
SM_V9_3 Liftoff mRNA    44927734        44938941        .       -
        .
ID=Smp_346510.1;Parent=Smp_346510;geneID=Smp_346510;product=Glucosam
ine 6-phosphate N-acetyltransferase
SM_V9_3 Liftoff exon    44927734        44927950        .       -
        .       Parent=Smp_346510.1
SM_V9_3 Liftoff exon    44930411        44930564        .       -
        .       Parent=Smp_346510.1
SM_V9_3 Liftoff exon    44937254        44938941        .       -
        .       Parent=Smp_346510.1
SM_V9_3 Liftoff CDS     44927890        44927950        .       -
        1       Parent=Smp_346510.1
SM_V9_3 Liftoff CDS     44930411        44930564        .       -
        2       Parent=Smp_346510.1
SM_V9_3 Liftoff CDS     44937254        44937296        .       -
        0       Parent=Smp_346510.1
SM_V9_3 iris    gene    44944319        44946358        .       +
        .
ID=Smp_177100;geneID=Smp_177100;gene_name=Smp_177100;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    44944319        44946358        .       +
        .
ID=Smp_177100.1;Parent=Smp_177100;geneID=Smp_177100;gene_name=Smp_17
7100;owner=irisadmin@local.host;orig_id=Smp_177100.1;date_last_modif
ied=2022-08-22;Name=Smp_177100.1;product=Uncharacterized protein
RP472;date_creation=2022-08-22
SM_V9_3 iris    exon    44944319        44944424        .       +
        .       Parent=Smp_177100.1;Name=fd5e7e58-c3f1-4ff4-
b35e-4bb144f9bf55
SM_V9_3 iris    exon    44945185        44945338        .       +
        .       Parent=Smp_177100.1;Name=b7f1a7b8-8d96-44cb-
a548-643c1325c75d
SM_V9_3 iris    exon    44946154        44946358        .       +
        .       Parent=Smp_177100.1;Name=2b7daf57-c319-48a6-
af9d-419b9d166f70
SM_V9_3 iris    CDS     44944328        44944424        .       +
```

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        0       Parent=Smp_177100.1
SM_V9_3 iris    CDS     44945185        44945338        .       +
        2       Parent=Smp_177100.1
SM_V9_3 iris    CDS     44946154        44946229        .       +
        1       Parent=Smp_177100.1
SM_V9_3 Liftoff gene    44952776        44957549        .       +
        .
ID=Smp_346960;geneID=Smp_346960;previous_systematic_id=Smp_171410,Sm
p_197430
SM_V9_3 Liftoff mRNA    44952776        44957549        .       +
        .
ID=Smp_346960.1;Parent=Smp_346960;geneID=Smp_346960;product=Succinat
e--CoA ligase [ADP-forming] subunit beta
SM_V9_3 Liftoff exon    44952776        44953560        .       +
        .       Parent=Smp_346960.1
SM_V9_3 Liftoff exon    44955904        44956057        .       +
        .       Parent=Smp_346960.1
SM_V9_3 Liftoff exon    44957396        44957549        .       +
        .       Parent=Smp_346960.1
SM_V9_3 Liftoff CDS     44953461        44953560        .       +
        0       Parent=Smp_346960.1
SM_V9_3 Liftoff CDS     44955904        44956057        .       +
        2       Parent=Smp_346960.1
SM_V9_3 Liftoff CDS     44957396        44957465        .       +
        1       Parent=Smp_346960.1
SM_V9_3 Liftoff gene    44991481        44994100        .       -
        .
ID=Smp_301550;geneID=Smp_301550;previous_systematic_id=Smp_108550
SM_V9_3 Liftoff mRNA    44991481        44994100        .       -
        .
ID=Smp_301550.1;Parent=Smp_301550;geneID=Smp_301550;product=Amino-
acid acetyltransferase
SM_V9_3 Liftoff exon    44991481        44991659        .       -
        .       Parent=Smp_301550.1
SM_V9_3 Liftoff exon    44992382        44992535        .       -
        .       Parent=Smp_301550.1
SM_V9_3 Liftoff exon    44992883        44994100        .       -
        .       Parent=Smp_301550.1
SM_V9_3 Liftoff CDS     44991626        44991659        .       -
        1       Parent=Smp_301550.1
SM_V9_3 Liftoff CDS     44992382        44992535        .       -
        2       Parent=Smp_301550.1
SM_V9_3 Liftoff CDS     44992883        44992994        .       -
        0       Parent=Smp_301550.1
SM_V9_3 Liftoff gene    44998285        45000762        .       +
        .
ID=Smp_326730;geneID=Smp_326730;previous_systematic_id=Smp_108550
SM_V9_3 Liftoff mRNA    44998285        45000762        .       +
        .
ID=Smp_326730.1;Parent=Smp_326730;geneID=Smp_326730;product=Amino-
acid acetyltransferase
SM_V9_3 Liftoff exon    44998285        44999309        .       +
        .       Parent=Smp_326730.1
SM_V9_3 Liftoff exon    44999658        44999811        .       +
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        .       Parent=Smp_326730.1
SM_V9_3 Liftoff exon    45000582        45000762        .       +
        .       Parent=Smp_326730.1
SM_V9_3 Liftoff CDS     44999198        44999309        .       +
        0       Parent=Smp_326730.1
SM_V9_3 Liftoff CDS     44999658        44999811        .       +
        2       Parent=Smp_326730.1
SM_V9_3 Liftoff CDS     45000582        45000615        .       +
        1       Parent=Smp_326730.1
SM_V9_3 Liftoff gene    45036731        45041490        .       -
        .       ID=Smp_202190;geneID=Smp_202190
SM_V9_3 Liftoff mRNA    45036731        45041490        .       -
        .
ID=Smp_202190.1;Parent=Smp_202190;geneID=Smp_202190;product=Protein
SON
SM_V9_3 Liftoff exon    45036731        45036910        .       -
        .       Parent=Smp_202190.1
SM_V9_3 Liftoff exon    45039048        45041490        .       -
        .       Parent=Smp_202190.1
SM_V9_3 Liftoff CDS     45036856        45036910        .       -
        1       Parent=Smp_202190.1
SM_V9_3 Liftoff CDS     45039048        45039196        .       -
        0       Parent=Smp_202190.1
SM_V9_3 Liftoff gene    45054566        45056980        .       -
        .       ID=Smp_100140;geneID=Smp_100140
SM_V9_3 Liftoff mRNA    45054566        45056980        .       -
        .
ID=Smp_100140.1;Parent=Smp_100140;geneID=Smp_100140;product=Protein
KRTCAP2 homolog;polypeptide_domain=InterPro:IPR018614 Pfam:PF09775
SM_V9_3 Liftoff exon    45054566        45054790        .       -
        .       Parent=Smp_100140.1
SM_V9_3 Liftoff exon    45056530        45056596        .       -
        .       Parent=Smp_100140.1
SM_V9_3 Liftoff exon    45056629        45056692        .       -
        .       Parent=Smp_100140.1
SM_V9_3 Liftoff exon    45056727        45056980        .       -
        .       Parent=Smp_100140.1
SM_V9_3 Liftoff CDS     45054682        45054790        .       -
        1       Parent=Smp_100140.1
SM_V9_3 Liftoff CDS     45056530        45056596        .       -
        2       Parent=Smp_100140.1
SM_V9_3 Liftoff CDS     45056629        45056692        .       -
        0       Parent=Smp_100140.1
SM_V9_3 Liftoff CDS     45056727        45056885        .       -
        0       Parent=Smp_100140.1
SM_V9_3 iris    gene    45066814        45077483        .       +
        .
ID=Smp_100130;geneID=Smp_100130;gene_name=Smp_100130;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    45066814        45077483        .       +
        .
ID=Smp_100130.1;Parent=Smp_100130;geneID=Smp_100130;gene_name=Smp_10
0130;owner=irisadmin@local.host;orig_id=Smp_100130.1;date_last_modif
ied=2022-07-27;Name=Smp_100130.1;product=CD2 antigen cytoplasmic
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tail-binding protein 2;date_creation=2022-07-26
SM_V9_3 iris    exon    45066814        45066883        .       +
        .       Parent=Smp_100130.1;Name=d4bf6e26-8da3-4867-
abef-9d024123ec52
SM_V9_3 iris    exon    45071463        45071533        .       +
        .       Parent=Smp_100130.1;Name=887521ba-44a8-46c1-
a7af-635e4c20a8ab
SM_V9_3 iris    exon    45071572        45071686        .       +
        .       Parent=Smp_100130.1;Name=d2b49ca7-a198-417f-
bbd9-62ecf3385d54
SM_V9_3 iris    exon    45071721        45071839        .       +
        .       Parent=Smp_100130.1;Name=831c08a6-45e4-4cd9-b36d-
e958412c9da3
SM_V9_3 iris    exon    45071881        45072170        .       +
        .       Parent=Smp_100130.1;Name=6ecd6a96-89a4-45e6-bab4-
ebe5c3728626
SM_V9_3 iris    exon    45073128        45073318        .       +
        .
Parent=Smp_100130.1;Name=5e8f0f0d-1525-44f4-9d03-8641440ec4e3
SM_V9_3 iris    exon    45077129        45077483        .       +
        .
Parent=Smp_100130.1;Name=5d9772c5-36e6-4fdd-97a8-7c93adf9004f
SM_V9_3 iris    CDS     45071507        45071533        .       +
        0       Parent=Smp_100130.1
SM_V9_3 iris    CDS     45071572        45071686        .       +
        0       Parent=Smp_100130.1
SM_V9_3 iris    CDS     45071721        45071839        .       +
        2       Parent=Smp_100130.1
SM_V9_3 iris    CDS     45071881        45072170        .       +
        0       Parent=Smp_100130.1
SM_V9_3 iris    CDS     45073128        45073318        .       +
        1       Parent=Smp_100130.1
SM_V9_3 iris    CDS     45077129        45077385        .       +
        2       Parent=Smp_100130.1
SM_V9_3 Liftoff gene    45081887        45108550        .       -
        .       ID=Smp_100120;geneID=Smp_100120
SM_V9_3 Liftoff mRNA    45081887        45108550        .       -
        .
ID=Smp_100120.1;Parent=Smp_100120;geneID=Smp_100120;product=ER
degradation-enhancing alpha-mannosidase-like protein
1;polypeptide_domain=InterPro:IPR001382
Pfam:PF01532;Ontology_term=GO:0004571,GO:0005509,GO:0016020
SM_V9_3 Liftoff exon    45081887        45082422        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45084624        45084794        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45088859        45088955        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45090714        45090958        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45092724        45092927        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45095015        45095106        .       -
        .       Parent=Smp_100120.1
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SM_V9_3 Liftoff exon    45098238        45098451        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45107813        45107954        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45107985        45108088        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff exon    45108123        45108550        .       -
        .       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45082303        45082422        .       -
        0       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45084624        45084794        .       -
        0       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45088859        45088955        .       -
        1       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45090714        45090958        .       -
        0       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45092724        45092927        .       -
        0       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45095015        45095106        .       -
        2       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45098238        45098451        .       -
        0       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45107813        45107954        .       -
        1       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45107985        45108088        .       -
        0       Parent=Smp_100120.1
SM_V9_3 Liftoff CDS     45108123        45108476        .       -
        0       Parent=Smp_100120.1
SM_V9_3 iris    gene    45113365        45116113        .       +
        .
ID=Smp_100110;geneID=Smp_100110;gene_name=Smp_100110;owner=irisadmin
@local.host;date_last_modified=2022-09-07;date_creation=2022-09-07
SM_V9_3 iris    mRNA    45113365        45116113        .       +
        .
ID=Smp_100110.1;Parent=Smp_100110;geneID=Smp_100110;gene_name=Smp_10
0110;owner=irisadmin@local.host;orig_id=Smp_100110.1;date_last_modif
ied=2022-09-07;Name=Smp_100110.1;product=DPH3
homolog;date_creation=2022-09-07
SM_V9_3 iris    exon    45113365        45113396        .       +
        .       Parent=Smp_100110.1;Name=18bc7d34-7688-410c-a01c-
bea7f0047ac7
SM_V9_3 iris    exon    45115574        45115744        .       +
        .
Parent=Smp_100110.1;Name=41b148ef-5e5b-4f2c-8fec-1f70e44ac374
SM_V9_3 iris    exon    45115786        45115860        .       +
        .
Parent=Smp_100110.1;Name=0e222262-8c7a-44c5-8cff-38ea0094b293
SM_V9_3 iris    exon    45115896        45116113        .       +
        .       Parent=Smp_100110.1;Name=5ba915de-
e013-4bb8-986f-0723cf366b98
SM_V9_3 iris    CDS     45115637        45115744        .       +
        0       Parent=Smp_100110.1
SM_V9_3 iris    CDS     45115786        45115860        .       +
        0       Parent=Smp_100110.1
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SM_V9_3 iris    CDS     45115896        45115949        .       +
        0       Parent=Smp_100110.1
SM_V9_3 iris    gene    45116118        45128179        .       -
        .
ID=Smp_177080;geneID=Smp_177080;gene_name=Smp_177080;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    45116118        45128179        .       -
        .
ID=Smp_177080.1;Parent=Smp_177080;geneID=Smp_177080;gene_name=Smp_17
7080;owner=irisadmin@local.host;orig_id=Smp_177080.1;date_last_modif
ied=2022-08-22;Name=Smp_177080.1;product=Alpha-1,3/1,6-
mannosyltransferase ALG2;date_creation=2022-08-22
SM_V9_3 iris    exon    45116118        45116553        .       -
        .       Parent=Smp_177080.1;Name=8b622a90-9285-4f56-
b6c6-1bb32cc57996
SM_V9_3 iris    exon    45117276        45117538        .       -
        .       Parent=Smp_177080.1;Name=9ebda5f0-fed1-45eb-
b880-3ad92527fd14
SM_V9_3 iris    exon    45120031        45120185        .       -
        .       Parent=Smp_177080.1;Name=cf4cf12f-
f4d8-4c13-9404-641748152dcc
SM_V9_3 iris    exon    45121901        45122146        .       -
        .       Parent=Smp_177080.1;Name=24c25abe-5583-49aa-
ad4b-253e4b7c5cd9
SM_V9_3 iris    exon    45124493        45124640        .       -
        .       Parent=Smp_177080.1;Name=e658fa24-
d2b8-4b53-9ab5-76afcbc91c2a
SM_V9_3 iris    exon    45124678        45125085        .       -
        .       Parent=Smp_177080.1;Name=1ff075b2-1da1-4ae7-
b501-2bcd78ebd089
SM_V9_3 iris    exon    45128107        45128179        .       -
        .       Parent=Smp_177080.1;Name=04d1376a-47cf-4d9b-
a96b-6e4716e9cd52
SM_V9_3 iris    CDS     45116415        45116553        .       -
        1       Parent=Smp_177080.1
SM_V9_3 iris    CDS     45117276        45117538        .       -
        0       Parent=Smp_177080.1
SM_V9_3 iris    CDS     45120031        45120185        .       -
        2       Parent=Smp_177080.1
SM_V9_3 iris    CDS     45121901        45122146        .       -
        2       Parent=Smp_177080.1
SM_V9_3 iris    CDS     45124493        45124640        .       -
        0       Parent=Smp_177080.1
SM_V9_3 iris    CDS     45124678        45125028        .       -
        0       Parent=Smp_177080.1
SM_V9_3 Liftoff gene    45144204        45145044        .       +
        .       ID=Smp_100090;geneID=Smp_100090
SM_V9_3 Liftoff mRNA    45144204        45145044        .       +
        .
ID=Smp_100090.1;Parent=Smp_100090;geneID=Smp_100090;product=High
mobility group protein DSP1;polypeptide_domain=InterPro:IPR009071
Pfam:PF00505,PF09011
SM_V9_3 Liftoff exon    45144204        45144423        .       +
        .       Parent=Smp_100090.1
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SM_V9_3 Liftoff exon    45144461        45144781        .       +
        .       Parent=Smp_100090.1
SM_V9_3 Liftoff exon    45144817        45145044        .       +
        .       Parent=Smp_100090.1
SM_V9_3 Liftoff CDS     45144277        45144423        .       +
        0       Parent=Smp_100090.1
SM_V9_3 Liftoff CDS     45144461        45144781        .       +
        0       Parent=Smp_100090.1
SM_V9_3 Liftoff CDS     45144817        45144879        .       +
        0       Parent=Smp_100090.1
SM_V9_3 iris    gene    45188657        45240407        .       -
        .
ID=Smp_100080;geneID=Smp_100080;gene_name=Smp_100080;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    45188657        45240407        .       -
        .
ID=Smp_100080.1;Parent=Smp_100080;geneID=Smp_100080;gene_name=Smp_10
0080;owner=irisadmin@local.host;orig_id=Smp_100080.1;date_last_modif
ied=2022-07-27;Name=Smp_100080.1;product=CD9
antigen;date_creation=2022-07-26
SM_V9_3 iris    exon    45188657        45190921        .       -
        .
Parent=Smp_100080.1;Name=a4718216-4180-4c9a-832a-6a36bd21efac
SM_V9_3 iris    exon    45227341        45227424        .       -
        .       Parent=Smp_100080.1;Name=d39f3ff1-9f7c-488c-
a01c-637d1db5bbc7
SM_V9_3 iris    exon    45233549        45233662        .       -
        .       Parent=Smp_100080.1;Name=52b5eba8-
b480-4aaa-8fe1-36dd6735e074
SM_V9_3 iris    exon    45234955        45235068        .       -
        .       Parent=Smp_100080.1;Name=374c85ae-6f3f-458a-a13d-
d5a70300f289
SM_V9_3 iris    exon    45235102        45235377        .       -
        .       Parent=Smp_100080.1;Name=544d1115-875a-4710-
a5c6-7ed08fcfb685
SM_V9_3 iris    exon    45240301        45240407        .       -
        .       Parent=Smp_100080.1;Name=31346078-073e-482e-
bddc-64adab0a9bbf
SM_V9_3 iris    CDS     45190832        45190921        .       -
        0       Parent=Smp_100080.1
SM_V9_3 iris    CDS     45227341        45227424        .       -
        0       Parent=Smp_100080.1
SM_V9_3 iris    CDS     45233549        45233662        .       -
        0       Parent=Smp_100080.1
SM_V9_3 iris    CDS     45234955        45235068        .       -
        0       Parent=Smp_100080.1
SM_V9_3 iris    CDS     45235102        45235377        .       -
        0       Parent=Smp_100080.1
SM_V9_3 iris    CDS     45240301        45240363        .       -
        0       Parent=Smp_100080.1
SM_V9_3 Liftoff gene    45256604        45263398        .       +
        .       ID=Smp_100070;geneID=Smp_100070
SM_V9_3 Liftoff mRNA    45256604        45263398        .       +
        .
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ID=Smp_100070.1;Parent=Smp_100070;geneID=Smp_100070;product=RWD
domain-containing protein
2B;polypeptide_domain=InterPro:IPR006575,IPR010541,IPR016135,IPR0173
59 Pfam:PF05773,PF06544;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    45256604        45257869        .       +
        .       Parent=Smp_100070.1
SM_V9_3 Liftoff exon    45260058        45260510        .       +
        .       Parent=Smp_100070.1
SM_V9_3 Liftoff exon    45262800        45263398        .       +
        .       Parent=Smp_100070.1
SM_V9_3 Liftoff CDS     45257705        45257869        .       +
        0       Parent=Smp_100070.1
SM_V9_3 Liftoff CDS     45260058        45260510        .       +
        0       Parent=Smp_100070.1
SM_V9_3 Liftoff CDS     45262800        45263036        .       +
        0       Parent=Smp_100070.1
SM_V9_3 Liftoff gene    45285003        45292257        .       +
        .       ID=Smp_177060;geneID=Smp_177060
SM_V9_3 Liftoff mRNA    45285003        45292257        .       +
        .
ID=Smp_177060.1;Parent=Smp_177060;geneID=Smp_177060;product=E3
ubiquitin-protein ligase
RNF139;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR025754
Pfam:PF13639,PF13705
SM_V9_3 Liftoff exon    45285003        45292257        .       +
        .       Parent=Smp_177060.1
SM_V9_3 Liftoff CDS     45289711        45291891        .       +
        0       Parent=Smp_177060.1
SM_V9_3 Liftoff mRNA    45287343        45292257        .       +
        .
ID=Smp_177060.2;Parent=Smp_177060;geneID=Smp_177060;product=E3
ubiquitin-protein ligase
RNF139;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR025754
Pfam:PF13639,PF13705
SM_V9_3 Liftoff exon    45287343        45288457        .       +
        .       Parent=Smp_177060.2
SM_V9_3 Liftoff exon    45289981        45292257        .       +
        .       Parent=Smp_177060.2
SM_V9_3 Liftoff CDS     45288425        45288457        .       +
        0       Parent=Smp_177060.2
SM_V9_3 Liftoff CDS     45289981        45291891        .       +
        0       Parent=Smp_177060.2
SM_V9_3 iris    gene    45303447        45312939        .       -
        .
ID=Smp_212720;geneID=Smp_212720;gene_name=Smp_212720;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_3 iris    mRNA    45303447        45312939        .       -
        .
ID=Smp_212720.1;Parent=Smp_212720;geneID=Smp_212720;gene_name=Smp_21
2720;owner=irisadmin@local.host;orig_id=Smp_212720.1;date_last_modif
ied=2022-11-13;Name=Smp_212720.1;product=methylmalonyl CoA
epimerase, putative;date_creation=2022-11-13
SM_V9_3 iris    exon    45303447        45303721        .       -
        .       Parent=Smp_212720.1;Name=a93aa3f7-81c0-47dc-
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a175-664cf3084949
SM_V9_3 iris    exon    45305619        45305705        .       -
        .       Parent=Smp_212720.1;Name=5731c1d5-9aa7-4235-bff0-
edae00fd2341
SM_V9_3 iris    exon    45305757        45305816        .       -
        .       Parent=Smp_212720.1;Name=7b715195-
e568-4913-9cc4-22f2b80441b8
SM_V9_3 iris    exon    45307319        45307429        .       -
        .       Parent=Smp_212720.1;Name=39b6fd54-3d78-47e4-83ee-
b80a7e13169b
SM_V9_3 iris    exon    45312889        45312939        .       -
        .       Parent=Smp_212720.1;Name=5a2ae584-56fc-45c1-
ad8b-0b9bc46a79e4
SM_V9_3 iris    CDS     45303548        45303721        .       -
        0       Parent=Smp_212720.1
SM_V9_3 iris    CDS     45305619        45305705        .       -
        0       Parent=Smp_212720.1
SM_V9_3 iris    CDS     45305757        45305816        .       -
        0       Parent=Smp_212720.1
SM_V9_3 iris    CDS     45307319        45307429        .       -
        0       Parent=Smp_212720.1
SM_V9_3 iris    CDS     45312889        45312939        .       -
        0       Parent=Smp_212720.1
SM_V9_3 iris    gene    45323687        45363329        .       -
        .
ID=Smp_212710;geneID=Smp_212710;gene_name=Smp_212710;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    45323687        45363329        .       -
        .
ID=Smp_212710.1;Parent=Smp_212710;geneID=Smp_212710;gene_name=Smp_21
2710;owner=irisadmin@local.host;orig_id=Smp_212710.2;date_last_modif
ied=2022-07-27;Name=Smp_212710.1;product=gynecophoral canal
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    45323687        45324096        .       -
        .       Parent=Smp_212710.1;Name=52733c10-e123-4784-
bbc6-5626423990af
SM_V9_3 iris    exon    45330924        45331094        .       -
        .       Parent=Smp_212710.1;Name=4aa7caaa-7125-4321-
b852-4d28f24dc4df
SM_V9_3 iris    exon    45332403        45332583        .       -
        .       Parent=Smp_212710.1;Name=8603a3c4-
be4d-4ae0-8797-6736ad23e1a9
SM_V9_3 iris    exon    45335214        45335350        .       -
        .       Parent=Smp_212710.1;Name=d02c1ccb-582e-46e5-
a950-57cf160ef5cf
SM_V9_3 iris    exon    45337039        45337256        .       -
        .       Parent=Smp_212710.1;Name=9f663bb8-4c0b-4e12-
b3c2-9b514e09262f
SM_V9_3 iris    exon    45338939        45339088        .       -
        .       Parent=Smp_212710.1;Name=75d92a04-88c1-4eb9-
af5c-6de6641e5acf
SM_V9_3 iris    exon    45342698        45342938        .       -
        .       Parent=Smp_212710.1;Name=2e418af9-47a7-440b-
b7bd-08f22b24eb1c
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SM_V9_3 iris    exon    45344905        45345117        .       -
        .       Parent=Smp_212710.1;Name=af9863c3-2d64-47ae-b2ff-
e355ccd1d457
SM_V9_3 iris    exon    45347515        45347592        .       -
        .
Parent=Smp_212710.1;Name=642dc7ae-7559-467c-9d4a-646a522dfce5
SM_V9_3 iris    exon    45348797        45348920        .       -
        .       Parent=Smp_212710.1;Name=242debe9-d744-4ce4-80b1-
e1fe10c7b70a
SM_V9_3 iris    exon    45354815        45354932        .       -
        .       Parent=Smp_212710.1;Name=d0e8ad86-145b-4ec7-
a8b7-411dda18676e
SM_V9_3 iris    exon    45356314        45356450        .       -
        .       Parent=Smp_212710.1;Name=6afa9928-2d5c-44ea-
a0b3-5bcb892303a8
SM_V9_3 iris    exon    45359144        45359236        .       -
        .       Parent=Smp_212710.1;Name=b4abe6c6-345b-48be-9534-
cea4bb84ffa2
SM_V9_3 iris    exon    45363154        45363329        .       -
        .       Parent=Smp_212710.1;Name=b42840e2-47a8-4f19-
b318-922f91a93b78
SM_V9_3 iris    CDS     45323818        45324096        .       -
        0       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45330924        45331094        .       -
        0       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45332403        45332583        .       -
        1       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45335214        45335350        .       -
        0       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45337039        45337256        .       -
        2       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45338939        45339088        .       -
        2       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45342698        45342938        .       -
        0       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45344905        45345117        .       -
        0       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45347515        45347592        .       -
        0       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45348797        45348920        .       -
        1       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45354815        45354932        .       -
        2       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45356314        45356450        .       -
        1       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45359144        45359236        .       -
        1       Parent=Smp_212710.1
SM_V9_3 iris    CDS     45363154        45363296        .       -
        0       Parent=Smp_212710.1
SM_V9_3 Liftoff gene    45372174        45374558        .       +
        .       ID=Smp_100040;geneID=Smp_100040
SM_V9_3 Liftoff mRNA    45372174        45374558        .       +
        .
ID=Smp_100040.1;Parent=Smp_100040;geneID=Smp_100040;product=Small
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integral membrane protein 14;polypeptide_domain=InterPro:IPR020309
Pfam:PF11027
SM_V9_3 Liftoff exon    45372174        45372506        .       +
        .       Parent=Smp_100040.1
SM_V9_3 Liftoff exon    45373995        45374558        .       +
        .       Parent=Smp_100040.1
SM_V9_3 Liftoff CDS     45372234        45372506        .       +
        0       Parent=Smp_100040.1
SM_V9_3 Liftoff CDS     45373995        45374027        .       +
        0       Parent=Smp_100040.1
SM_V9_3 Liftoff gene    45398353        45416918        .       -
        .       ID=Smp_100030;geneID=Smp_100030
SM_V9_3 Liftoff mRNA    45398353        45416918        .       -
        .
ID=Smp_100030.1;Parent=Smp_100030;geneID=Smp_100030;product=Ribosome
biogenesis protein BMS1
homolog;polypeptide_domain=InterPro:IPR007034,IPR012948,IPR027417
Pfam:PF04950,PF08142;Ontology_term=GO:0005634,GO:0042254
SM_V9_3 Liftoff exon    45398353        45398818        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45400828        45401105        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45402836        45403393        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45406843        45407089        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45409173        45409702        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45411384        45411452        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45412832        45413324        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45414082        45414491        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff exon    45416139        45416918        .       -
        .       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45398405        45398818        .       -
        0       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45400828        45401105        .       -
        2       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45402836        45403393        .       -
        2       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45406843        45407089        .       -
        0       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45409173        45409702        .       -
        2       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45411384        45411452        .       -
        2       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45412832        45413324        .       -
        0       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45414082        45414491        .       -
        2       Parent=Smp_100030.1
SM_V9_3 Liftoff CDS     45416139        45416808        .       -
        0       Parent=Smp_100030.1
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SM_V9_3 Liftoff gene    45427792        45432247        .       +
        .       ID=Smp_177040;geneID=Smp_177040
SM_V9_3 Liftoff mRNA    45427792        45432247        .       +
        .
ID=Smp_177040.1;Parent=Smp_177040;geneID=Smp_177040;product=GPI
mannosyltransferase 2;polypeptide_domain=InterPro:IPR007315
Pfam:PF04188;Ontology_term=GO:0004584,GO:0006506
SM_V9_3 Liftoff exon    45427792        45427882        .       +
        .       Parent=Smp_177040.1
SM_V9_3 Liftoff exon    45427921        45429108        .       +
        .       Parent=Smp_177040.1
SM_V9_3 Liftoff exon    45431193        45432247        .       +
        .       Parent=Smp_177040.1
SM_V9_3 Liftoff CDS     45427805        45427882        .       +
        0       Parent=Smp_177040.1
SM_V9_3 Liftoff CDS     45427921        45429108        .       +
        0       Parent=Smp_177040.1
SM_V9_3 Liftoff CDS     45431193        45431477        .       +
        0       Parent=Smp_177040.1
SM_V9_3 iris    gene    45435163        45520584        .       -
        .
ID=Smp_177020;geneID=Smp_177020;gene_name=Smp_177020;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    45435163        45520584        .       -
        .
ID=Smp_177020.1;Parent=Smp_177020;geneID=Smp_177020;gene_name=Smp_17
7020;owner=irisadmin@local.host;orig_id=Smp_177020.2;date_last_modif
ied=2022-07-27;Name=Smp_177020.1;product=Inactive phospholipase C-
like protein 2;date_creation=2022-07-26
SM_V9_3 iris    exon    45435163        45437529        .       -
        .       Parent=Smp_177020.1;Name=1d9b362e-86b1-4412-a685-
f62695ad592b
SM_V9_3 iris    exon    45438478        45438531        .       -
        .       Parent=Smp_177020.1;Name=2622339e-1787-4a4a-
b8d2-07f3ddfa8864
SM_V9_3 iris    exon    45442234        45442881        .       -
        .       Parent=Smp_177020.1;Name=07e694b2-0108-4e21-
b7fd-75aa508a9b3d
SM_V9_3 iris    exon    45444453        45444551        .       -
        .       Parent=Smp_177020.1;Name=e57af429-e720-4d73-9a44-
ad3a02cdb08e
SM_V9_3 iris    exon    45449162        45449265        .       -
        .
Parent=Smp_177020.1;Name=3374e9c5-55b4-4fcc-9b71-75967dc60ae4
SM_V9_3 iris    exon    45453819        45454128        .       -
        .       Parent=Smp_177020.1;Name=61623a22-05a6-454b-
a4b7-3b87a13d4153
SM_V9_3 iris    exon    45456181        45456914        .       -
        .       Parent=Smp_177020.1;Name=aed19556-4580-4ff7-93e4-
a38b1d0c76f6
SM_V9_3 iris    exon    45459458        45459557        .       -
        .       Parent=Smp_177020.1;Name=1a18626e-0a4f-4315-b8ef-
cb8abfb7c0ce
SM_V9_3 iris    exon    45462335        45462767        .       -
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        .
Parent=Smp_177020.1;Name=31603a1a-361b-4185-8a0d-1f49032a4716
SM_V9_3 iris    exon    45467767        45467887        .       -
        .       Parent=Smp_177020.1;Name=f7189de0-fd70-48e0-9684-
d116ffd244e3
SM_V9_3 iris    exon    45470147        45470232        .       -
        .       Parent=Smp_177020.1;Name=dde203ff-0037-404e-
b56f-03c61808d550
SM_V9_3 iris    exon    45473041        45473158        .       -
        .       Parent=Smp_177020.1;Name=03670870-634f-4f06-b47d-
f3b9f03b44f5
SM_V9_3 iris    exon    45473778        45473871        .       -
        .
Parent=Smp_177020.1;Name=d3658305-18e6-4de5-8b57-27110c4a3dc5
SM_V9_3 iris    exon    45475010        45475076        .       -
        .
Parent=Smp_177020.1;Name=e472be87-1db3-4836-880e-29ce38774383
SM_V9_3 iris    exon    45477505        45477614        .       -
        .
Parent=Smp_177020.1;Name=35c36aea-46c9-4412-92a7-91b07746449a
SM_V9_3 iris    exon    45483556        45483685        .       -
        .
Parent=Smp_177020.1;Name=30eb1288-3679-4e91-8b29-568400fcdc58
SM_V9_3 iris    exon    45490221        45490260        .       -
        .       Parent=Smp_177020.1;Name=85667d60-648a-4dd1-
a5fd-2f3c71c6e2f8
SM_V9_3 iris    exon    45494019        45494393        .       -
        .       Parent=Smp_177020.1;Name=de5fe60c-fa60-45ac-9c23-
db18818a229c
SM_V9_3 iris    exon    45505231        45505380        .       -
        .       Parent=Smp_177020.1;Name=c9736e63-be69-405f-
b075-3c56bafcf420
SM_V9_3 iris    exon    45520261        45520584        .       -
        .       Parent=Smp_177020.1;Name=21d60b12-7651-4cc4-
aa7e-39d0b8c26586
SM_V9_3 iris    CDS     45436504        45437529        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45438478        45438531        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45442234        45442881        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45444453        45444551        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45449162        45449265        .       -
        2       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45453819        45454128        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45456181        45456914        .       -
        2       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45459458        45459557        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45462335        45462767        .       -
        1       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45467767        45467887        .       -
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        2       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45470147        45470232        .       -
        1       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45473041        45473158        .       -
        2       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45473778        45473871        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45475010        45475076        .       -
        1       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45477505        45477614        .       -
        0       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45483556        45483685        .       -
        1       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45490221        45490260        .       -
        2       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45494019        45494393        .       -
        2       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45505231        45505380        .       -
        2       Parent=Smp_177020.1
SM_V9_3 iris    CDS     45520261        45520498        .       -
        0       Parent=Smp_177020.1
SM_V9_3 Liftoff gene    45526632        45535280        .       +
        .       ID=Smp_177010;geneID=Smp_177010
SM_V9_3 Liftoff mRNA    45526632        45535280        .       +
        .
ID=Smp_177010.1;Parent=Smp_177010;geneID=Smp_177010;product=Serine/
threonine/tyrosine-interacting-like protein
1;polypeptide_domain=InterPro:IPR000340,IPR001763,IPR020422,IPR02902
1
Pfam:PF00581,PF00782;Ontology_term=GO:0006470,GO:0008138,GO:0016311
SM_V9_3 Liftoff exon    45526632        45526749        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45526787        45526848        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45526878        45526977        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45527021        45527089        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45527135        45527202        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45528678        45528826        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45529840        45529931        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45532734        45532846        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff exon    45535009        45535280        .       +
        .       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45526647        45526749        .       +
        0       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45526787        45526848        .       +
        2       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45526878        45526977        .       +
        0       Parent=Smp_177010.1
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SM_V9_3 Liftoff CDS     45527021        45527089        .       +
        2       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45527135        45527202        .       +
        2       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45528678        45528826        .       +
        0       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45529840        45529931        .       +
        1       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45532734        45532846        .       +
        2       Parent=Smp_177010.1
SM_V9_3 Liftoff CDS     45535009        45535152        .       +
        0       Parent=Smp_177010.1
SM_V9_3 iris    gene    45553417        45626623        .       -
        .
ID=Smp_346500;geneID=Smp_346500;gene_name=Smp_346500;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    45553417        45626623        .       -
        .
ID=Smp_346500.1;Parent=Smp_346500;geneID=Smp_346500;gene_name=Smp_34
6500;owner=irisadmin@local.host;orig_id=Smp_346500.1;date_last_modif
ied=2022-07-27;Name=Smp_346500.1;product=Transmembrane protein
132E;date_creation=2022-07-26
SM_V9_3 iris    exon    45553417        45554315        .       -
        .       Parent=Smp_346500.1;Name=d45e90e7-601b-4643-8513-
c0b94ce84c52
SM_V9_3 iris    exon    45558146        45558704        .       -
        .       Parent=Smp_346500.1;Name=0e4499cc-
a39d-4038-8c70-13c7e5e32c2f
SM_V9_3 iris    exon    45561007        45562032        .       -
        .       Parent=Smp_346500.1;Name=fe511135-
d6ae-4396-98e3-77b26a93babf
SM_V9_3 iris    exon    45563388        45563990        .       -
        .       Parent=Smp_346500.1;Name=5795b1f8-
ccc3-4c7f-8d3a-1ccfcdc4754f
SM_V9_3 iris    exon    45566785        45567615        .       -
        .       Parent=Smp_346500.1;Name=904926ca-55cf-4911-9775-
b3a3b8f4e7ed
SM_V9_3 iris    exon    45569286        45569434        .       -
        .       Parent=Smp_346500.1;Name=a98f0746-cc69-4c01-
a9dd-6afc4515477b
SM_V9_3 iris    exon    45570917        45571331        .       -
        .       Parent=Smp_346500.1;Name=1bbd9869-2a96-48f9-
b916-1c24911b2ced
SM_V9_3 iris    exon    45576424        45576812        .       -
        .       Parent=Smp_346500.1;Name=c7ac5360-79a5-4634-95fa-
c2593a4674c7
SM_V9_3 iris    exon    45582091        45582647        .       -
        .
Parent=Smp_346500.1;Name=7f770f9d-643b-4c51-9d83-66111903eb1a
SM_V9_3 iris    exon    45593759        45593851        .       -
        .       Parent=Smp_346500.1;Name=b84155d4-47af-4b56-
acfe-8ba4e1186b22
SM_V9_3 iris    exon    45596684        45597075        .       -
        .       Parent=Smp_346500.1;Name=a79f22a7-e200-4f81-
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a8f9-9c3747b2592a
SM_V9_3 iris    exon    45607845        45608049        .       -
        .       Parent=Smp_346500.1;Name=75e0f4d8-0ad3-45c4-
a84d-16aefa7de68b
SM_V9_3 iris    exon    45609119        45609454        .       -
        .       Parent=Smp_346500.1;Name=7e2f67ee-
a8d3-4526-9653-4cba28892ade
SM_V9_3 iris    exon    45625685        45626441        .       -
        .
Parent=Smp_346500.1;Name=399515e9-40e7-477e-9d0c-5ec037d04f6f
SM_V9_3 iris    exon    45626481        45626623        .       -
        .
Parent=Smp_346500.1;Name=0ce1eb24-21e6-40a4-92a6-220bd382e136
SM_V9_3 iris    CDS     45554065        45554315        .       -
        2       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45558146        45558704        .       -
        0       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45561007        45562032        .       -
        0       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45563388        45563990        .       -
        0       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45566785        45567615        .       -
        0       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45569286        45569434        .       -
        2       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45570917        45571331        .       -
        0       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45576424        45576812        .       -
        2       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45582091        45582647        .       -
        1       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45593759        45593851        .       -
        1       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45596684        45597075        .       -
        0       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45607845        45608049        .       -
        1       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45609119        45609454        .       -
        1       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45625685        45626441        .       -
        2       Parent=Smp_346500.1
SM_V9_3 iris    CDS     45626481        45626532        .       -
        0       Parent=Smp_346500.1
SM_V9_3 iris    gene    45633632        45660289        .       +
        .
ID=Smp_337010;geneID=Smp_337010;gene_name=Smp_337010;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    45633632        45660289        .       +
        .
ID=Smp_337010.1;Parent=Smp_337010;geneID=Smp_337010;gene_name=Smp_33
7010;owner=irisadmin@local.host;orig_id=Smp_337010.1;date_last_modif
ied=2022-07-27;Name=Smp_337010.1;product=Serine/threonine-protein
kinase B-raf;date_creation=2022-07-26
SM_V9_3 iris    exon    45633632        45633806        .       +
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        .
Parent=Smp_337010.1;Name=f4900405-290b-40be-8c1c-416dd4cb9d6e
SM_V9_3 iris    exon    45635121        45635282        .       +
        .       Parent=Smp_337010.1;Name=5009ebef-abb0-4b2f-ab64-
c0e7374e2b4d
SM_V9_3 iris    exon    45635993        45636627        .       +
        .       Parent=Smp_337010.1;Name=2724ca03-fa52-404b-b39a-
d7720e1a8d97
SM_V9_3 iris    exon    45637492        45637658        .       +
        .
Parent=Smp_337010.1;Name=6513072e-460c-4f38-8f77-1583fae976e1
SM_V9_3 iris    exon    45637714        45637837        .       +
        .       Parent=Smp_337010.1;Name=b5009623-5744-4486-
ae25-1772cdbb5a2f
SM_V9_3 iris    exon    45638751        45639087        .       +
        .       Parent=Smp_337010.1;Name=f8346b19-5466-48e5-832a-
ffeee0629ae9
SM_V9_3 iris    exon    45640808        45640865        .       +
        .
Parent=Smp_337010.1;Name=7fe273fb-8c41-4efe-9f01-9fb96ef76e7a
SM_V9_3 iris    exon    45644288        45644424        .       +
        .
Parent=Smp_337010.1;Name=55cb1060-4034-456f-859b-2f9539ed3d40
SM_V9_3 iris    exon    45648018        45648208        .       +
        .       Parent=Smp_337010.1;Name=bc8e593b-481e-4863-
ae1b-661d8e504207
SM_V9_3 iris    exon    45649913        45650089        .       +
        .       Parent=Smp_337010.1;Name=8e0bdbb4-ee46-4bed-ab54-
dc19e5a51638
SM_V9_3 iris    exon    45654733        45654892        .       +
        .       Parent=Smp_337010.1;Name=fb0bfdb1-ff28-411a-
a98d-7f4f91979007
SM_V9_3 iris    exon    45655243        45655509        .       +
        .       Parent=Smp_337010.1;Name=1db5bfbb-dfe3-46f3-
b25f-6cf3791c62bd
SM_V9_3 iris    exon    45658744        45659348        .       +
        .       Parent=Smp_337010.1;Name=bc2269c4-8bc1-42a1-
b13f-2ba4b24e1f5b
SM_V9_3 iris    exon    45659632        45660289        .       +
        .
Parent=Smp_337010.1;Name=98b647ef-5e7b-4f70-8b7b-314f8dd99fc7
SM_V9_3 iris    CDS     45635214        45635282        .       +
        0       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45635993        45636627        .       +
        0       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45637492        45637658        .       +
        1       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45637714        45637837        .       +
        2       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45638751        45639087        .       +
        1       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45640808        45640865        .       +
        0       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45644288        45644424        .       +
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        2       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45648018        45648208        .       +
        0       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45649913        45650089        .       +
        1       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45654733        45654892        .       +
        1       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45655243        45655509        .       +
        0       Parent=Smp_337010.1
SM_V9_3 iris    CDS     45658744        45659340        .       +
        0       Parent=Smp_337010.1
SM_V9_3 Liftoff gene    45665204        45682678        .       -
        .       ID=Smp_176980;geneID=Smp_176980
SM_V9_3 Liftoff mRNA    45665204        45682678        .       -
        .
ID=Smp_176980.1;Parent=Smp_176980;geneID=Smp_176980;product=Arrestin
red cell isoform
1;polypeptide_domain=InterPro:IPR000698,IPR011021,IPR011022,IPR01475
3,IPR014756 Pfam:PF00339,PF02752;Ontology_term=GO:0007165
SM_V9_3 Liftoff exon    45665204        45665668        .       -
        .       Parent=Smp_176980.1
SM_V9_3 Liftoff exon    45668849        45669121        .       -
        .       Parent=Smp_176980.1
SM_V9_3 Liftoff exon    45677181        45677444        .       -
        .       Parent=Smp_176980.1
SM_V9_3 Liftoff exon    45679442        45679576        .       -
        .       Parent=Smp_176980.1
SM_V9_3 Liftoff exon    45682296        45682678        .       -
        .       Parent=Smp_176980.1
SM_V9_3 Liftoff CDS     45665471        45665668        .       -
        0       Parent=Smp_176980.1
SM_V9_3 Liftoff CDS     45668849        45669121        .       -
        0       Parent=Smp_176980.1
SM_V9_3 Liftoff CDS     45677181        45677444        .       -
        0       Parent=Smp_176980.1
SM_V9_3 Liftoff CDS     45679442        45679576        .       -
        0       Parent=Smp_176980.1
SM_V9_3 Liftoff CDS     45682296        45682604        .       -
        0       Parent=Smp_176980.1
SM_V9_3 iris    gene    45685068        45713665        .       -
        .
ID=Smp_346490;geneID=Smp_346490;gene_name=Smp_346490;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    45685068        45713665        .       -
        .
ID=Smp_346490.1;Parent=Smp_346490;geneID=Smp_346490;gene_name=Smp_34
6490;owner=irisadmin@local.host;orig_id=Smp_346490.1;date_last_modif
ied=2022-08-22;Name=Smp_346490.1;product=Serine/threonine-protein
kinase Nek4;date_creation=2022-08-22
SM_V9_3 iris    exon    45685068        45685562        .       -
        .       Parent=Smp_346490.1;Name=eb3decc1-3cda-4d85-
b02e-8890d546f441
SM_V9_3 iris    exon    45688502        45688586        .       -
        .       Parent=Smp_346490.1;Name=c9aac19b-d487-4ee8-
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a1db-82ba7e0a9c1e
SM_V9_3 iris    exon    45690455        45690512        .       -
        .       Parent=Smp_346490.1;Name=c166b313-c9e6-44e4-a185-
a1e38da32250
SM_V9_3 iris    exon    45692972        45693177        .       -
        .       Parent=Smp_346490.1;Name=65d2f4ef-
e8d6-4f8e-8831-3596d044b635
SM_V9_3 iris    exon    45696396        45696589        .       -
        .       Parent=Smp_346490.1;Name=10a3e02e-f27e-406a-
ac01-7d18b4befee6
SM_V9_3 iris    exon    45699637        45700007        .       -
        .       Parent=Smp_346490.1;Name=4340070e-10b3-4f65-
aaa8-2b99e121cc18
SM_V9_3 iris    exon    45707109        45707334        .       -
        .       Parent=Smp_346490.1;Name=a15e24bd-c433-4388-
a96b-656fc103b96e
SM_V9_3 iris    exon    45711350        45711503        .       -
        .       Parent=Smp_346490.1;Name=d59a5c84-
f060-42e4-8ef7-6103a8aaf68f
SM_V9_3 iris    exon    45712626        45712783        .       -
        .       Parent=Smp_346490.1;Name=ab7eee34-1067-48ee-9d65-
fe5958f65573
SM_V9_3 iris    exon    45712820        45712927        .       -
        .
Parent=Smp_346490.1;Name=12f49448-6140-46a8-85d8-63bcbed529f0
SM_V9_3 iris    exon    45712956        45713052        .       -
        .
Parent=Smp_346490.1;Name=de3af4da-62d3-4b35-886e-78309d4207e4
SM_V9_3 iris    exon    45713087        45713187        .       -
        .       Parent=Smp_346490.1;Name=1b62642d-e0bb-432d-8ddb-
b48b09ab2f29
SM_V9_3 iris    exon    45713223        45713486        .       -
        .       Parent=Smp_346490.1;Name=4908a1ae-ef5f-4134-
a911-51bb6f5611da
SM_V9_3 iris    exon    45713525        45713596        .       -
        .       Parent=Smp_346490.1;Name=0abda1dd-
a64b-4594-9291-14157210caff
SM_V9_3 iris    exon    45713629        45713665        .       -
        .       Parent=Smp_346490.1;Name=e91430f5-
d4da-4640-9ba0-6f4824b10838
SM_V9_3 iris    CDS     45685452        45685562        .       -
        0       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45688502        45688586        .       -
        1       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45690455        45690512        .       -
        2       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45692972        45693177        .       -
        1       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45696396        45696589        .       -
        0       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45699637        45700007        .       -
        2       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45707109        45707334        .       -
        0       Parent=Smp_346490.1
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SM_V9_3 iris    CDS     45711350        45711503        .       -
        1       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45712626        45712783        .       -
        0       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45712820        45712927        .       -
        0       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45712956        45713052        .       -
        1       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45713087        45713187        .       -
        0       Parent=Smp_346490.1
SM_V9_3 iris    CDS     45713223        45713336        .       -
        0       Parent=Smp_346490.1
SM_V9_3 Liftoff gene    45730382        45752600        .       +
        .       ID=Smp_099930;geneID=Smp_099930
SM_V9_3 Liftoff mRNA    45730382        45752600        .       +
        .
ID=Smp_099930.1;Parent=Smp_099930;geneID=Smp_099930;product=F-box/WD
repeat-containing protein
11;polypeptide_domain=InterPro:IPR001680,IPR001810,IPR015943,IPR0179
86,IPR019775,IPR020472,IPR021977
Pfam:PF00400,PF12125;Ontology_term=GO:0005515,GO:0046983
SM_V9_3 Liftoff exon    45730382        45730490        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff exon    45733880        45734153        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff exon    45738655        45739334        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff exon    45742175        45742519        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff exon    45744447        45744638        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff exon    45748241        45748387        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff exon    45748499        45748728        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff exon    45751678        45752600        .       +
        .       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45730419        45730490        .       +
        0       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45733880        45734153        .       +
        0       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45738655        45739334        .       +
        2       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45742175        45742519        .       +
        0       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45744447        45744638        .       +
        0       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45748241        45748387        .       +
        0       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45748499        45748728        .       +
        0       Parent=Smp_099930.1
SM_V9_3 Liftoff CDS     45751678        45752272        .       +
        1       Parent=Smp_099930.1
SM_V9_3 Liftoff gene    46229730        46249504        .       +
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        .       ID=Smp_326740;geneID=Smp_326740
SM_V9_3 Liftoff mRNA    46229730        46249504        .       +
        .
ID=Smp_326740.1;Parent=Smp_326740;geneID=Smp_326740;product=ELKS/
Rab6-interacting/CAST family member 1
SM_V9_3 Liftoff exon    46229730        46232517        .       +
        .       Parent=Smp_326740.1
SM_V9_3 Liftoff exon    46234082        46234195        .       +
        .       Parent=Smp_326740.1
SM_V9_3 Liftoff exon    46235245        46235325        .       +
        .       Parent=Smp_326740.1
SM_V9_3 Liftoff exon    46239673        46239822        .       +
        .       Parent=Smp_326740.1
SM_V9_3 Liftoff exon    46242234        46242373        .       +
        .       Parent=Smp_326740.1
SM_V9_3 Liftoff exon    46246457        46246604        .       +
        .       Parent=Smp_326740.1
SM_V9_3 Liftoff exon    46248886        46249504        .       +
        .       Parent=Smp_326740.1
SM_V9_3 Liftoff CDS     46232218        46232517        .       +
        0       Parent=Smp_326740.1
SM_V9_3 Liftoff CDS     46234082        46234195        .       +
        0       Parent=Smp_326740.1
SM_V9_3 Liftoff CDS     46235245        46235325        .       +
        0       Parent=Smp_326740.1
SM_V9_3 Liftoff CDS     46239673        46239822        .       +
        0       Parent=Smp_326740.1
SM_V9_3 Liftoff CDS     46242234        46242373        .       +
        0       Parent=Smp_326740.1
SM_V9_3 Liftoff CDS     46246457        46246604        .       +
        1       Parent=Smp_326740.1
SM_V9_3 Liftoff CDS     46248886        46248933        .       +
        0       Parent=Smp_326740.1
SM_V9_3 Liftoff gene    46260728        46267851        .       +
        .
ID=Smp_331940;geneID=Smp_331940;previous_systematic_id=Smp_205620
SM_V9_3 Liftoff mRNA    46260728        46267851        .       +
        .
ID=Smp_331940.1;Parent=Smp_331940;geneID=Smp_331940;product=Mitochon
drial protein import protein
ZIM17;polypeptide_domain=InterPro:IPR007853
Pfam:PF05180;Ontology_term=GO:0008270
SM_V9_3 Liftoff exon    46260728        46266328        .       +
        .       Parent=Smp_331940.1
SM_V9_3 Liftoff exon    46266375        46266508        .       +
        .       Parent=Smp_331940.1
SM_V9_3 Liftoff exon    46266551        46267851        .       +
        .       Parent=Smp_331940.1
SM_V9_3 Liftoff CDS     46266047        46266328        .       +
        0       Parent=Smp_331940.1
SM_V9_3 Liftoff CDS     46266375        46266508        .       +
        0       Parent=Smp_331940.1
SM_V9_3 Liftoff CDS     46266551        46266602        .       +
        1       Parent=Smp_331940.1
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SM_V9_3 iris    gene    46269331        46285869        .       -
        .
ID=Smp_309670;geneID=Smp_309670;gene_name=Smp_309670;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    46269331        46285869        .       -
        .
ID=Smp_309670.1;Parent=Smp_309670;geneID=Smp_309670;gene_name=Smp_30
9670;owner=irisadmin@local.host;orig_id=Smp_309670.1;date_last_modif
ied=2022-07-27;Name=Smp_309670.1;product=tRNA (guanine(26)-N(2))-
dimethyltransferase;date_creation=2022-07-26
SM_V9_3 iris    exon    46269331        46269509        .       -
        .
Parent=Smp_309670.1;Name=5c2585be-9fb3-4b2b-88cb-8bca69587215
SM_V9_3 iris    exon    46271636        46272055        .       -
        .       Parent=Smp_309670.1;Name=d2a1cde4-2402-485a-8de3-
f0e7e72faee8
SM_V9_3 iris    exon    46276129        46276321        .       -
        .       Parent=Smp_309670.1;Name=380b2287-82e6-43ab-
a8ac-90b0f887f915
SM_V9_3 iris    exon    46278759        46279023        .       -
        .
Parent=Smp_309670.1;Name=b88576c1-6ca1-4f08-8943-3323c61a61bb
SM_V9_3 iris    exon    46281032        46281217        .       -
        .       Parent=Smp_309670.1;Name=b22473ca-97a3-48ee-
a380-43291a8ced1f
SM_V9_3 iris    exon    46283612        46283804        .       -
        .       Parent=Smp_309670.1;Name=4d972291-bf12-4140-
b5e7-418b11d5ca19
SM_V9_3 iris    exon    46285319        46285559        .       -
        .       Parent=Smp_309670.1;Name=f58b8d85-2a0b-4347-9857-
f54c04423a7f
SM_V9_3 iris    exon    46285601        46285744        .       -
        .
Parent=Smp_309670.1;Name=01602e50-6dde-43f8-804c-518fbde90ec0
SM_V9_3 iris    exon    46285779        46285869        .       -
        .
Parent=Smp_309670.1;Name=eb45b0bb-455a-471f-9753-4e42507ed5e4
SM_V9_3 iris    CDS     46269440        46269509        .       -
        1       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46271636        46272055        .       -
        1       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46276129        46276321        .       -
        2       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46278759        46279023        .       -
        0       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46281032        46281217        .       -
        0       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46283612        46283804        .       -
        1       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46285319        46285559        .       -
        2       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46285601        46285744        .       -
        2       Parent=Smp_309670.1
SM_V9_3 iris    CDS     46285779        46285851        .       -
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        0       Parent=Smp_309670.1
SM_V9_3 Liftoff gene    46292348        46311172        .       +
        .
ID=Smp_309680;geneID=Smp_309680;previous_systematic_id=Smp_165910
SM_V9_3 Liftoff mRNA    46292348        46311172        .       +
        .
ID=Smp_309680.1;Parent=Smp_309680;geneID=Smp_309680;product=Coiled-
coil domain-containing protein 137
SM_V9_3 Liftoff exon    46292348        46305358        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff exon    46305414        46305560        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff exon    46305621        46305728        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff exon    46305771        46305922        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff exon    46305968        46306026        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff exon    46306065        46306141        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff exon    46306181        46306283        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff exon    46311040        46311172        .       +
        .       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46305343        46305358        .       +
        0       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46305414        46305560        .       +
        2       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46305621        46305728        .       +
        2       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46305771        46305922        .       +
        2       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46305968        46306026        .       +
        0       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46306065        46306141        .       +
        1       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46306181        46306283        .       +
        2       Parent=Smp_309680.1
SM_V9_3 Liftoff CDS     46311040        46311055        .       +
        1       Parent=Smp_309680.1
SM_V9_3 iris    gene    46361947        46380909        .       -
        .
ID=Smp_309690;geneID=Smp_309690;gene_name=Smp_309690;owner=irisadmin
@local.host;date_last_modified=2022-09-08;date_creation=2022-09-08
SM_V9_3 iris    mRNA    46361947        46380909        .       -
        .
ID=Smp_309690.1;Parent=Smp_309690;geneID=Smp_309690;gene_name=Smp_30
9690;owner=irisadmin@local.host;orig_id=Smp_309690.1;date_last_modif
ied=2022-09-08;Name=Smp_309690.1;product=Coiled-coil domain-
containing protein 137;date_creation=2022-09-08
SM_V9_3 iris    exon    46361947        46362104        .       -
        .       Parent=Smp_309690.1;Name=44077cac-8cee-477a-8911-
c1ca2e08ef6f
SM_V9_3 iris    exon    46366861        46366963        .       -
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        .       Parent=Smp_309690.1;Name=374822aa-d6a3-4e39-
a489-39c2b546eb13
SM_V9_3 iris    exon    46367003        46367079        .       -
        .
Parent=Smp_309690.1;Name=7aa608d8-27b7-44b3-8f0d-39205968c377
SM_V9_3 iris    exon    46367118        46367176        .       -
        .       Parent=Smp_309690.1;Name=d251ae39-436c-461d-bf1d-
c91648c77b02
SM_V9_3 iris    exon    46367222        46367313        .       -
        .       Parent=Smp_309690.1;Name=563217c5-1bb6-4f8c-
b79b-85006a9747d1
SM_V9_3 iris    exon    46367356        46367373        .       -
        .
Parent=Smp_309690.1;Name=d69ac4e7-7d59-409a-8235-3fea5ba3e90f
SM_V9_3 iris    exon    46367416        46367523        .       -
        .       Parent=Smp_309690.1;Name=b3b358fc-f65b-4836-a1fc-
f9cb58a52bd8
SM_V9_3 iris    exon    46367584        46367730        .       -
        .
Parent=Smp_309690.1;Name=86b2cc34-7379-47cb-8061-362a0e4f1744
SM_V9_3 iris    exon    46367786        46367872        .       -
        .       Parent=Smp_309690.1;Name=b5b7c76b-bdf3-4833-8118-
c58951b6e231
SM_V9_3 iris    exon    46380855        46380909        .       -
        .       Parent=Smp_309690.1;Name=febcac8e-2b23-4969-854c-
e1d4ac7cf549
SM_V9_3 iris    CDS     46362089        46362104        .       -
        1       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46366861        46366963        .       -
        2       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46367003        46367079        .       -
        1       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46367118        46367176        .       -
        0       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46367222        46367313        .       -
        2       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46367356        46367373        .       -
        2       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46367416        46367523        .       -
        2       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46367584        46367730        .       -
        2       Parent=Smp_309690.1
SM_V9_3 iris    CDS     46367786        46367801        .       -
        0       Parent=Smp_309690.1
SM_V9_3 iris    gene    46403623        46420159        .       +
        .
ID=Smp_309660;geneID=Smp_309660;gene_name=Smp_309660;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    46403623        46420159        .       +
        .
ID=Smp_309660.1;Parent=Smp_309660;geneID=Smp_309660;gene_name=Smp_30
9660;owner=irisadmin@local.host;orig_id=Smp_309660.1;date_last_modif
ied=2022-08-22;Name=Smp_309660.1;product=tRNA (guanine(26)-N(2))-
dimethyltransferase;date_creation=2022-08-22
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SM_V9_3 iris    exon    46403623        46403891        .       +
        .       Parent=Smp_309660.1;Name=259195a3-3cf8-4a7d-adba-
f8f926c3fea3
SM_V9_3 iris    exon    46403933        46404173        .       +
        .
Parent=Smp_309660.1;Name=33c7a074-6443-4fbf-90f6-8b01787e413e
SM_V9_3 iris    exon    46405688        46405880        .       +
        .       Parent=Smp_309660.1;Name=7ab4efe9-
ca5d-442b-8afb-30fe0390c7c5
SM_V9_3 iris    exon    46408275        46408460        .       +
        .       Parent=Smp_309660.1;Name=837b51a9-dfc3-4e04-
b6d9-168f91e95aa5
SM_V9_3 iris    exon    46410468        46410732        .       +
        .
Parent=Smp_309660.1;Name=0a47f2c7-8fc1-40bf-8a8c-00e4fdc32bfe
SM_V9_3 iris    exon    46413170        46413362        .       +
        .       Parent=Smp_309660.1;Name=cadd7fb5-789f-4f34-b383-
efbd9e298e06
SM_V9_3 iris    exon    46417435        46417854        .       +
        .       Parent=Smp_309660.1;Name=78f14d90-9644-49f2-9e16-
abda51c1f7e4
SM_V9_3 iris    exon    46419981        46420159        .       +
        .       Parent=Smp_309660.1;Name=305787a7-8016-45ca-8fd8-
d5c84380c0b3
SM_V9_3 iris    CDS     46403663        46403891        .       +
        0       Parent=Smp_309660.1
SM_V9_3 iris    CDS     46403933        46404173        .       +
        2       Parent=Smp_309660.1
SM_V9_3 iris    CDS     46405688        46405880        .       +
        1       Parent=Smp_309660.1
SM_V9_3 iris    CDS     46408275        46408460        .       +
        0       Parent=Smp_309660.1
SM_V9_3 iris    CDS     46410468        46410732        .       +
        0       Parent=Smp_309660.1
SM_V9_3 iris    CDS     46413170        46413362        .       +
        2       Parent=Smp_309660.1
SM_V9_3 iris    CDS     46417435        46417854        .       +
        1       Parent=Smp_309660.1
SM_V9_3 iris    CDS     46419981        46420050        .       +
        1       Parent=Smp_309660.1
SM_V9_3 Liftoff gene    46421475        46422610        .       -
        .       ID=Smp_202400;geneID=Smp_202400
SM_V9_3 Liftoff mRNA    46421475        46422610        .       -
        .
ID=Smp_202400.1;Parent=Smp_202400;geneID=Smp_202400;product=Cytokine
sis protein sepH
SM_V9_3 Liftoff exon    46421475        46422610        .       -
        .       Parent=Smp_202400.1
SM_V9_3 Liftoff CDS     46421524        46422480        .       -
        0       Parent=Smp_202400.1
SM_V9_3 iris    gene    46423563        46426524        .       -
        .
ID=Smp_117390;geneID=Smp_117390;gene_name=Smp_117390;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
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SM_V9_3 iris    mRNA    46423563        46426524        .       -
       .
ID=Smp_117390.1;Parent=Smp_117390;geneID=Smp_117390;gene_name=Smp_11
7390;owner=irisadmin@local.host;orig_id=Smp_117390.2;date_last_modif
ied=2022-07-27;Name=Smp_117390.1;product=DNL-type zinc finger
protein;date_creation=2022-07-26
SM_V9_3 iris    exon    46423563        46423754        .       -
       .
Parent=Smp_117390.1;Name=7993771f-75d8-47a1-8110-9c46c195c6d8
SM_V9_3 iris    exon    46424827        46425039        .       -
       .       Parent=Smp_117390.1;Name=ca165abc-815c-4de7-8300-
d02e1e0ae9f2
SM_V9_3 iris    exon    46425086        46425446        .       -
       .
Parent=Smp_117390.1;Name=93ffd97b-4106-424e-811d-17cbaf420bfe
SM_V9_3 iris    exon    46426479        46426524        .       -
       .
Parent=Smp_117390.1;Name=0f31221a-88c3-4f20-8333-8f9dc64b78e8
SM_V9_3 iris    CDS     46423611        46423754        .       -
       0       Parent=Smp_117390.1
SM_V9_3 iris    CDS     46424827        46425039        .       -
       0       Parent=Smp_117390.1
SM_V9_3 iris    CDS     46425086        46425367        .       -
       0       Parent=Smp_117390.1
SM_V9_3 iris    gene    46433121        46539556        .       -
       .
ID=Smp_333720;geneID=Smp_333720;gene_name=Smp_333720;owner=irisadmin
@local.host;date_last_modified=2022-08-22;date_creation=2022-08-22
SM_V9_3 iris    mRNA    46433121        46539556        .       -
       .
ID=Smp_333720.1;Parent=Smp_333720;geneID=Smp_333720;gene_name=Smp_33
3720;owner=irisadmin@local.host;orig_id=Smp_333720.1;date_last_modif
ied=2022-08-22;Name=Smp_333720.1;product=ELKS/Rab6-interacting/CAST
family member 1;date_creation=2022-08-22
SM_V9_3 iris    exon    46433121        46433490        .       -
       .       Parent=Smp_333720.1;Name=bcbdde1d-c8df-45ae-
b726-589911dd6bef
SM_V9_3 iris    exon    46435775        46435922        .       -
       .       Parent=Smp_333720.1;Name=0267c901-f192-4eb6-
b153-5c48a7f96f2c
SM_V9_3 iris    exon    46439995        46440134        .       -
       .       Parent=Smp_333720.1;Name=0dec3cbd-7d53-4a39-
aaf2-3212985dd635
SM_V9_3 iris    exon    46442546        46442695        .       -
       .       Parent=Smp_333720.1;Name=f0229bf8-d7dc-4b66-9a76-
b741f92f529b
SM_V9_3 iris    exon    46447037        46447117        .       -
       .       Parent=Smp_333720.1;Name=fede6886-
d56f-4239-8771-419521ec748e
SM_V9_3 iris    exon    46448170        46448283        .       -
       .       Parent=Smp_333720.1;Name=cfd6cbd0-3728-4b93-a8bb-
a8dcb9aa72d8
SM_V9_3 iris    exon    46449847        46450209        .       -
       .       Parent=Smp_333720.1;Name=1e0d237e-
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b077-4fd3-8f66-861426811ddb
SM_V9_3 iris    exon    46452540        46452632        .       -
        .       Parent=Smp_333720.1;Name=6b5e6d0d-fdb1-4ad6-8db3-
e1691ca66a12
SM_V9_3 iris    exon    46458194        46458298        .       -
        .       Parent=Smp_333720.1;Name=779fec74-7101-43cc-9c0d-
ff40721761b4
SM_V9_3 iris    exon    46461506        46461598        .       -
        .       Parent=Smp_333720.1;Name=ac4f5862-c2cc-4e01-aafb-
bdb470c511be
SM_V9_3 iris    exon    46463393        46463746        .       -
        .       Parent=Smp_333720.1;Name=86a91598-1ccd-43c4-a63f-
d1b62ccb0628
SM_V9_3 iris    exon    46464877        46465071        .       -
        .       Parent=Smp_333720.1;Name=c231c7e9-e225-4ee3-840d-
ab5aefca4c86
SM_V9_3 iris    exon    46466897        46467124        .       -
        .       Parent=Smp_333720.1;Name=e4a65d74-64b9-4fc4-
ab37-687c3688a015
SM_V9_3 iris    exon    46468483        46468563        .       -
        .       Parent=Smp_333720.1;Name=cbbb7190-5f9d-479a-
ac05-98fdd41bb141
SM_V9_3 iris    exon    46471220        46471348        .       -
        .       Parent=Smp_333720.1;Name=08fc64d8-83b5-49b5-
ad87-2cd72855d389
SM_V9_3 iris    exon    46474280        46474399        .       -
        .
Parent=Smp_333720.1;Name=68ef94ff-93ed-40d7-86de-14e45a19dc28
SM_V9_3 iris    exon    46476602        46476751        .       -
        .
Parent=Smp_333720.1;Name=7c83ecea-735f-44df-8ff0-24f9eb1d7e83
SM_V9_3 iris    exon    46477581        46477706        .       -
        .
Parent=Smp_333720.1;Name=ef32036c-0509-41dc-8733-96fd8fe05ed3
SM_V9_3 iris    exon    46480624        46480740        .       -
        .
Parent=Smp_333720.1;Name=f3832bb5-418c-468d-83e9-592941c6a5c9
SM_V9_3 iris    exon    46481983        46482108        .       -
        .       Parent=Smp_333720.1;Name=5825d089-7cdb-43f6-a13a-
a689c8ac6597
SM_V9_3 iris    exon    46484556        46484684        .       -
        .
Parent=Smp_333720.1;Name=68523462-38ea-41dc-98f5-6d23f427a488
SM_V9_3 iris    exon    46487093        46487197        .       -
        .       Parent=Smp_333720.1;Name=cbf6c02f-31b8-46cc-b212-
be1f75ff50b1
SM_V9_3 iris    exon    46488903        46489031        .       -
        .       Parent=Smp_333720.1;Name=c60b1f7c-7686-4c38-843c-
e80418fa31d7
SM_V9_3 iris    exon    46490849        46490929        .       -
        .       Parent=Smp_333720.1;Name=5f51292b-658d-4e16-
a234-1d74c9b7be1e
SM_V9_3 iris    exon    46493514        46493711        .       -
        .       Parent=Smp_333720.1;Name=ba6dcabc-ffcf-4e1a-a071-
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c670dd188772
SM_V9_3 iris    exon    46494710        46494838        .       -
        .       Parent=Smp_333720.1;Name=783be30b-98f0-485b-9d4d-
e4736de68043
SM_V9_3 iris    exon    46494960        46495265        .       -
        .       Parent=Smp_333720.1;Name=b74c09ee-831c-419e-
b23c-308913bf407a
SM_V9_3 iris    exon    46496956        46497084        .       -
        .       Parent=Smp_333720.1;Name=b2ba9543-72a2-4cd0-8e3f-
ac0c434e1e73
SM_V9_3 iris    exon    46498519        46498647        .       -
        .       Parent=Smp_333720.1;Name=4fd92f95-32df-49a2-ac43-
b705f27f2396
SM_V9_3 iris    exon    46500394        46500525        .       -
        .       Parent=Smp_333720.1;Name=93e5c67d-55a1-4a4b-
b503-3e893bb21830
SM_V9_3 iris    exon    46503347        46503482        .       -
        .       Parent=Smp_333720.1;Name=e78c6392-e576-44ea-a698-
ed81e250512d
SM_V9_3 iris    exon    46506929        46507110        .       -
        .
Parent=Smp_333720.1;Name=971dfa05-61d0-4c11-9630-82b537696653
SM_V9_3 iris    exon    46509931        46510195        .       -
        .       Parent=Smp_333720.1;Name=5da9da4a-6a1a-4c2a-9e19-
f9e0169a5f7a
SM_V9_3 iris    exon    46511174        46511328        .       -
        .       Parent=Smp_333720.1;Name=c2eb729b-3470-4e02-
ba7c-3045df41a7c0
SM_V9_3 iris    exon    46512889        46513056        .       -
        .       Parent=Smp_333720.1;Name=09b103d3-3b42-4037-9e07-
eb8ac1feb4c9
SM_V9_3 iris    exon    46514173        46514340        .       -
        .       Parent=Smp_333720.1;Name=a15f15a5-
fd27-41e9-9724-86e1ce0ceb23
SM_V9_3 iris    exon    46517933        46518103        .       -
        .       Parent=Smp_333720.1;Name=5029a622-c480-42c7-
b1e2-201535cde325
SM_V9_3 iris    exon    46523323        46523430        .       -
        .       Parent=Smp_333720.1;Name=0dc78b4b-73d0-4e47-bd03-
e269a0621395
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        .       Parent=Smp_333720.1;Name=e363027a-
f3d7-44c8-9290-2e1d170704ce
SM_V9_3 iris    exon    46535250        46536200        .       -
        .       Parent=Smp_333720.1;Name=cedcbc74-9379-44f5-95ea-
c79b5a775d76
SM_V9_3 iris    exon    46539502        46539556        .       -
        .       Parent=Smp_333720.1;Name=b33d2719-46cf-4f37-b858-
af3b8271969e
SM_V9_3 iris    CDS     46433443        46433490        .       -
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SM_V9_3 iris    CDS     46435775        46435922        .       -
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SM_V9_3 iris    CDS     46439995        46440134        .       -
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SM_V9_3 iris    CDS     46442546        46442695        .       -
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SM_V9_3 iris    CDS     46447037        46447117        .       -
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SM_V9_3 iris    CDS     46461506        46461598        .       -
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SM_V9_3 iris    CDS     46463393        46463746        .       -
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SM_V9_3 iris    CDS     46464877        46465071        .       -
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SM_V9_3 iris    CDS     46468483        46468563        .       -
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        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46476602        46476751        .       -
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SM_V9_3 iris    CDS     46477581        46477706        .       -
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SM_V9_3 iris    CDS     46480624        46480740        .       -
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SM_V9_3 iris    CDS     46481983        46482108        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46484556        46484684        .       -
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SM_V9_3 iris    CDS     46487093        46487197        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46488903        46489031        .       -
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SM_V9_3 iris    CDS     46490849        46490929        .       -
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SM_V9_3 iris    CDS     46493514        46493711        .       -
        0       Parent=Smp_333720.1
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SM_V9_3 iris    CDS     46494960        46495265        .       -
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SM_V9_3 iris    CDS     46498519        46498647        .       -
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SM_V9_3 iris    CDS     46500394        46500525        .       -
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SM_V9_3 iris    CDS     46503347        46503482        .       -
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SM_V9_3 iris    CDS     46506929        46507110        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46509931        46510195        .       -
        1       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46511174        46511328        .       -
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SM_V9_3 iris    CDS     46512889        46513056        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46514173        46514340        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46517933        46518103        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46523323        46523430        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46531035        46531538        .       -
        0       Parent=Smp_333720.1
SM_V9_3 iris    CDS     46535250        46536161        .       -
        0       Parent=Smp_333720.1
SM_V9_3 Liftoff gene    46546228        46553302        .       +
        .       ID=Smp_165870;geneID=Smp_165870
SM_V9_3 Liftoff mRNA    46546228        46553302        .       +
        .
ID=Smp_165870.1;Parent=Smp_165870;geneID=Smp_165870;product=U2 small
nuclear ribonucleoprotein
B'';polypeptide_domain=InterPro:IPR003887,IPR011015 Pfam:PF03020
SM_V9_3 Liftoff exon    46546228        46546357        .       +
        .       Parent=Smp_165870.1
SM_V9_3 Liftoff exon    46546392        46546512        .       +
        .       Parent=Smp_165870.1
SM_V9_3 Liftoff exon    46546543        46546611        .       +
        .       Parent=Smp_165870.1
SM_V9_3 Liftoff exon    46551240        46551577        .       +
        .       Parent=Smp_165870.1
SM_V9_3 Liftoff exon    46552972        46553302        .       +
        .       Parent=Smp_165870.1
SM_V9_3 Liftoff CDS     46546285        46546357        .       +
        0       Parent=Smp_165870.1
SM_V9_3 Liftoff CDS     46546392        46546512        .       +
        2       Parent=Smp_165870.1
SM_V9_3 Liftoff CDS     46546543        46546611        .       +
        1       Parent=Smp_165870.1
SM_V9_3 Liftoff CDS     46551240        46551577        .       +
        1       Parent=Smp_165870.1
SM_V9_3 Liftoff CDS     46552972        46553135        .       +
        2       Parent=Smp_165870.1
SM_V9_3 Liftoff gene    46554559        46561664        .       -
        .       ID=Smp_326750;geneID=Smp_326750
SM_V9_3 Liftoff mRNA    46554559        46561664        .       -
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dehydrogenase [ubiquinone] 1 alpha subcomplex subunit
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6;polypeptide_domain=InterPro:IPR008011,IPR016488 Pfam:PF05347
SM_V9_3 Liftoff exon    46554559        46554751        .       -
        .       Parent=Smp_326750.1
SM_V9_3 Liftoff exon    46554792        46561664        .       -
        .       Parent=Smp_326750.1
SM_V9_3 Liftoff CDS     46554620        46554751        .       -
        0       Parent=Smp_326750.1
SM_V9_3 Liftoff CDS     46554792        46555025        .       -
        0       Parent=Smp_326750.1
SM_V9_3 iris    gene    46566859        46641482        .       -
        .
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@local.host;date_last_modified=2022-08-23;date_creation=2022-08-22
SM_V9_3 iris    mRNA    46566859        46641482        .       -
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ID=Smp_179360.1;Parent=Smp_179360;geneID=Smp_179360;gene_name=Smp_17
9360;owner=irisadmin@local.host;orig_id=Smp_179360.1;date_last_modif
ied=2022-08-23;Name=Smp_179360.1;product=Sortilin;date_creation=2022
-08-22
SM_V9_3 iris    exon    46566859        46567476        .       -
        .
Parent=Smp_179360.1;Name=5e040973-7d76-4727-9074-01a6dfe5ea37
SM_V9_3 iris    exon    46568334        46569081        .       -
        .       Parent=Smp_179360.1;Name=053b0c76-f4ca-4565-bc0b-
f8bbfc614744
SM_V9_3 iris    exon    46572494        46572728        .       -
        .
Parent=Smp_179360.1;Name=c5277950-444c-4823-8422-2d6cd6fef8f1
SM_V9_3 iris    exon    46578551        46578625        .       -
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ba6d-016efbf0d443
SM_V9_3 iris    exon    46585578        46585689        .       -
        .       Parent=Smp_179360.1;Name=99f0f348-cc8e-47f9-
bf1d-78c8cdfa8820
SM_V9_3 iris    exon    46597643        46598345        .       -
        .       Parent=Smp_179360.1;Name=b44c61ed-4913-45fd-
bff5-017abff831ed
SM_V9_3 iris    exon    46604461        46604640        .       -
        .       Parent=Smp_179360.1;Name=93b6da61-0dfd-4f79-
ad36-713286ff8d29
SM_V9_3 iris    exon    46610080        46610654        .       -
        .
Parent=Smp_179360.1;Name=a366a940-4d20-44aa-993d-62a74704ef17
SM_V9_3 iris    exon    46629800        46629860        .       -
        .
Parent=Smp_179360.1;Name=8460e784-7006-48aa-8e52-5526b324c497
SM_V9_3 iris    exon    46639150        46639457        .       -
        .       Parent=Smp_179360.1;Name=16da630f-2574-425e-
b170-19173e283f8f
SM_V9_3 iris    exon    46640511        46640575        .       -
        .       Parent=Smp_179360.1;Name=e5e1db4b-5c58-4c3a-
b1ba-77693eaeab4a
SM_V9_3 iris    exon    46640611        46640681        .       -
        .       Parent=Smp_179360.1;Name=f1e3b42f-31ca-4d57-a971-
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e2a297a2ca95
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        .       Parent=Smp_179360.1;Name=9d9317c6-f84a-42e6-
b019-5efe5e4c65ee
SM_V9_3 iris    exon    46640933        46641044        .       -
        .       Parent=Smp_179360.1;Name=57451dd6-62ab-4a09-9e78-
d480a917e751
SM_V9_3 iris    exon    46641075        46641142        .       -
        .       Parent=Smp_179360.1;Name=b0dec5f1-6523-43c7-
aafe-402b7203abec
SM_V9_3 iris    exon    46641176        46641238        .       -
        .
Parent=Smp_179360.1;Name=53a7fea7-6a7a-42c7-87ab-74f91ad1cf1d
SM_V9_3 iris    exon    46641268        46641482        .       -
        .       Parent=Smp_179360.1;Name=a0abcc0e-c8d8-40b4-9fb2-
b638fcbdcdec
SM_V9_3 iris    CDS     46567289        46567476        .       -
        2       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46568334        46569081        .       -
        0       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46572494        46572728        .       -
        1       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46578551        46578625        .       -
        1       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46585578        46585689        .       -
        2       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46597643        46598345        .       -
        0       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46604461        46604640        .       -
        0       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46610080        46610654        .       -
        2       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46629800        46629860        .       -
        0       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46639150        46639457        .       -
        2       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46640511        46640575        .       -
        1       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46640611        46640681        .       -
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SM_V9_3 iris    CDS     46640719        46640895        .       -
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SM_V9_3 iris    CDS     46640933        46641044        .       -
        1       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46641075        46641142        .       -
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SM_V9_3 iris    CDS     46641176        46641238        .       -
        0       Parent=Smp_179360.1
SM_V9_3 iris    CDS     46641268        46641423        .       -
        0       Parent=Smp_179360.1
SM_V9_3 Liftoff gene    46682113        46704886        .       +
        .       ID=Smp_017420;geneID=Smp_017420
SM_V9_3 Liftoff mRNA    46682113        46704886        .       +
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gated hydrogen channel 1
SM_V9_3 Liftoff exon    46682113        46687747        .       +
        .       Parent=Smp_017420.1
SM_V9_3 Liftoff exon    46694788        46695151        .       +
        .       Parent=Smp_017420.1
SM_V9_3 Liftoff exon    46704337        46704886        .       +
        .       Parent=Smp_017420.1
SM_V9_3 Liftoff CDS     46687526        46687747        .       +
        0       Parent=Smp_017420.1
SM_V9_3 Liftoff CDS     46694788        46695151        .       +
        0       Parent=Smp_017420.1
SM_V9_3 Liftoff CDS     46704337        46704590        .       +
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SM_V9_3 iris    gene    46770396        46773195        .       +
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    46770396        46773195        .       +
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ID=Smp_134100.1;Parent=Smp_134100;geneID=Smp_134100;gene_name=Smp_13
4100;owner=irisadmin@local.host;orig_id=Smp_134100.1;date_last_modif
ied=2022-07-27;Name=Smp_134100.1;product=Octopamine receptor
beta-1R;date_creation=2022-07-26
SM_V9_3 iris    exon    46770396        46773195        .       +
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SM_V9_3 iris    CDS     46770493        46772088        .       +
        0       Parent=Smp_134100.1
SM_V9_3 iris    gene    46814021        46845045        .       -
        .
ID=Smp_022130;geneID=Smp_022130;gene_name=Smp_022130;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    46814021        46845045        .       -
        .
ID=Smp_022130.1;Parent=Smp_022130;geneID=Smp_022130;gene_name=Smp_02
2130;owner=irisadmin@local.host;orig_id=Smp_022130.1;date_last_modif
ied=2022-07-27;Name=Smp_022130.1;product=TBC1 domain family member
22B;date_creation=2022-07-26
SM_V9_3 iris    exon    46814021        46815392        .       -
        .
Parent=Smp_022130.1;Name=347f03ad-7265-4ded-8a3c-6ce7435372d9
SM_V9_3 iris    exon    46816631        46816947        .       -
        .
Parent=Smp_022130.1;Name=0fdc2360-6663-44de-919e-3546344b7b31
SM_V9_3 iris    exon    46823663        46823698        .       -
        .
Parent=Smp_022130.1;Name=b957da60-3dfe-4d00-86bc-37040f1889a3
SM_V9_3 iris    exon    46828103        46828223        .       -
        .       Parent=Smp_022130.1;Name=7f49bc1f-04a3-43b7-a624-
f3270aba1d3d
SM_V9_3 iris    exon    46830503        46830688        .       -
        .       Parent=Smp_022130.1;Name=84a783da-ac21-49da-a85d-
de5c2d1188b9
SM_V9_3 iris    exon    46832050        46832120        .       -
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        .       Parent=Smp_022130.1;Name=88ea2d5e-6025-4bc8-
ba11-5ce4b18ff45c
SM_V9_3 iris    exon    46836939        46837125        .       -
        .       Parent=Smp_022130.1;Name=b0ddffbb-1233-4f01-8fa3-
c426dfc27ae3
SM_V9_3 iris    exon    46844712        46844797        .       -
        .       Parent=Smp_022130.1;Name=ab84b0e3-7b6e-4ffa-
b071-8a78783830d4
SM_V9_3 iris    exon    46844831        46845045        .       -
        .       Parent=Smp_022130.1;Name=6b916173-
c57f-4dde-9207-0d7b1af961ec
SM_V9_3 iris    CDS     46815147        46815392        .       -
        0       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46816631        46816947        .       -
        2       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46823663        46823698        .       -
        2       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46828103        46828223        .       -
        0       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46830503        46830688        .       -
        0       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46832050        46832120        .       -
        2       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46836939        46837125        .       -
        0       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46844712        46844797        .       -
        2       Parent=Smp_022130.1
SM_V9_3 iris    CDS     46844831        46844933        .       -
        0       Parent=Smp_022130.1
SM_V9_3 Liftoff gene    46850783        46864330        .       +
        .       ID=Smp_022140;geneID=Smp_022140
SM_V9_3 Liftoff mRNA    46850783        46864330        .       +
        .
ID=Smp_022140.1;Parent=Smp_022140;geneID=Smp_022140;product=Serine/
threonine-protein kinase
RIO1;polypeptide_domain=InterPro:IPR000687,IPR011009,IPR017407,IPR01
8935 Pfam:PF01163;Ontology_term=GO:0004674,GO:0005524
SM_V9_3 Liftoff exon    46850783        46851125        .       +
        .       Parent=Smp_022140.1
SM_V9_3 Liftoff exon    46853042        46853529        .       +
        .       Parent=Smp_022140.1
SM_V9_3 Liftoff exon    46863469        46864330        .       +
        .       Parent=Smp_022140.1
SM_V9_3 Liftoff CDS     46850837        46851125        .       +
        0       Parent=Smp_022140.1
SM_V9_3 Liftoff CDS     46853042        46853529        .       +
        2       Parent=Smp_022140.1
SM_V9_3 Liftoff CDS     46863469        46864104        .       +
        0       Parent=Smp_022140.1
SM_V9_3 iris    gene    46865665        46875821        .       -
        .
ID=Smp_213440;geneID=Smp_213440;gene_name=Smp_213440;owner=irisadmin
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SM_V9_3 iris    mRNA    46865665        46875821        .       -
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protein 1;date_creation=2022-07-26
SM_V9_3 iris    exon    46865665        46866509        .       -
        .       Parent=Smp_213440.1;Name=557cee03-c472-441a-
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SM_V9_3 iris    exon    46869251        46869391        .       -
        .       Parent=Smp_213440.1;Name=2e607ed2-56bd-402e-
ad82-2d3f07bf2dba
SM_V9_3 iris    exon    46875696        46875821        .       -
        .       Parent=Smp_213440.1;Name=7973cdf0-4ad2-4372-
a45c-2696247ba9a9
SM_V9_3 iris    CDS     46865789        46866508        .       -
        0       Parent=Smp_213440.1
SM_V9_3 Liftoff gene    46886881        46914949        .       -
        .
ID=Smp_333730;geneID=Smp_333730;previous_systematic_id=Smp_022150,Sm
p_199310,Smp_213430
SM_V9_3 Liftoff mRNA    46886881        46914949        .       -
        .
ID=Smp_333730.1;Parent=Smp_333730;geneID=Smp_333730;product=Hypothet
ical protein
SM_V9_3 Liftoff exon    46886881        46888502        .       -
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SM_V9_3 Liftoff exon    46894892        46895068        .       -
        .       Parent=Smp_333730.1
SM_V9_3 Liftoff exon    46914762        46914949        .       -
        .       Parent=Smp_333730.1
SM_V9_3 Liftoff CDS     46887232        46888502        .       -
        2       Parent=Smp_333730.1
SM_V9_3 Liftoff CDS     46894892        46895068        .       -
        2       Parent=Smp_333730.1
SM_V9_3 Liftoff CDS     46914762        46914894        .       -
        0       Parent=Smp_333730.1
SM_V9_3 Liftoff gene    46924691        46958659        .       +
        .
ID=Smp_342860;geneID=Smp_342860;previous_systematic_id=Smp_134110
SM_V9_3 Liftoff mRNA    46924691        46958659        .       +
        .
ID=Smp_342860.1;Parent=Smp_342860;geneID=Smp_342860;product=Voltage-
gated hydrogen channel 1;polypeptide_domain=InterPro:IPR005821
Pfam:PF00520;Ontology_term=GO:0005216,GO:0006811,GO:0016020,GO:00550
85
SM_V9_3 Liftoff exon    46924691        46943753        .       +
        .       Parent=Smp_342860.1
SM_V9_3 Liftoff exon    46951686        46952043        .       +
        .       Parent=Smp_342860.1
SM_V9_3 Liftoff exon    46954502        46954522        .       +
        .       Parent=Smp_342860.1
SM_V9_3 Liftoff exon    46958554        46958659        .       +
        .       Parent=Smp_342860.1
SM_V9_3 Liftoff CDS     46943439        46943753        .       +
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        0       Parent=Smp_342860.1
SM_V9_3 Liftoff CDS     46951686        46952043        .       +
        0       Parent=Smp_342860.1
SM_V9_3 Liftoff CDS     46954502        46954522        .       +
        2       Parent=Smp_342860.1
SM_V9_3 Liftoff CDS     46958554        46958591        .       +
        2       Parent=Smp_342860.1
SM_V9_3 iris    gene    46958494        46974114        .       -
        .
ID=Smp_022170;geneID=Smp_022170;gene_name=Smp_022170;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    46958494        46974114        .       -
        .
ID=Smp_022170.1;Parent=Smp_022170;geneID=Smp_022170;gene_name=Smp_02
2170;owner=irisadmin@local.host;orig_id=Smp_022170.1;date_last_modif
ied=2022-08-23;Name=Smp_022170.1;product=Tropomyosin A
(Fragment);date_creation=2022-08-23
SM_V9_3 iris    exon    46958494        46959104        .       -
        .       Parent=Smp_022170.1;Name=671ff82a-2859-4800-
aa82-3049cce2c07f
SM_V9_3 iris    exon    46960702        46960771        .       -
        .       Parent=Smp_022170.1;Name=988915b0-333d-4c6a-985b-
ac4dba995ee6
SM_V9_3 iris    exon    46967244        46967306        .       -
        .       Parent=Smp_022170.1;Name=3418d7fc-d9f0-4ebd-
aca1-3345184b5d23
SM_V9_3 iris    exon    46969189        46969264        .       -
        .       Parent=Smp_022170.1;Name=f1accc07-9e84-40f1-9817-
ca6f2b13e822
SM_V9_3 iris    exon    46969298        46969368        .       -
        .       Parent=Smp_022170.1;Name=ca024422-14f2-4359-bfaf-
e294d8030df4
SM_V9_3 iris    exon    46969401        46969518        .       -
        .       Parent=Smp_022170.1;Name=c39e7032-
a505-4af5-9101-17a60631ef54
SM_V9_3 iris    exon    46969550        46969683        .       -
        .       Parent=Smp_022170.1;Name=8ecc98ce-1775-4d1c-
a45e-061f09a73227
SM_V9_3 iris    exon    46969717        46970084        .       -
        .       Parent=Smp_022170.1;Name=ebe3b93c-751a-4842-
a48e-8fdf295382e9
SM_V9_3 iris    exon    46974060        46974114        .       -
        .       Parent=Smp_022170.1;Name=47137323-8a3d-406d-b2b6-
f63fa2b23ece
SM_V9_3 iris    CDS     46959022        46959104        .       -
        2       Parent=Smp_022170.1
SM_V9_3 iris    CDS     46960702        46960771        .       -
        0       Parent=Smp_022170.1
SM_V9_3 iris    CDS     46967244        46967306        .       -
        0       Parent=Smp_022170.1
SM_V9_3 iris    CDS     46969189        46969264        .       -
        1       Parent=Smp_022170.1
SM_V9_3 iris    CDS     46969298        46969368        .       -
        0       Parent=Smp_022170.1
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SM_V9_3 iris    CDS     46969401        46969518        .       -
        1       Parent=Smp_022170.1
SM_V9_3 iris    CDS     46969550        46969683        .       -
        0       Parent=Smp_022170.1
SM_V9_3 iris    CDS     46969717        46969839        .       -
        0       Parent=Smp_022170.1
SM_V9_3 Liftoff gene    47001983        47071997        .       +
        .
ID=Smp_342870;geneID=Smp_342870;previous_systematic_id=Smp_134120
SM_V9_3 Liftoff mRNA    47001983        47071997        .       +
        .
ID=Smp_342870.1;Parent=Smp_342870;geneID=Smp_342870;product=Sacsin;p
olypeptide_domain=InterPro:IPR003594
SM_V9_3 Liftoff exon    47001983        47002178        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47002217        47002384        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47003544        47003918        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47004992        47005121        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47006621        47006787        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47007213        47007426        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47008746        47008990        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47011023        47011205        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47017853        47017983        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47019992        47020236        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47023155        47023439        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47023969        47024048        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47026811        47027254        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47029109        47029318        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47030685        47030997        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47032257        47032636        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47035200        47035412        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47037344        47037467        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47039726        47039841        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47041797        47042243        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47043757        47044054        .       +
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        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47045556        47045864        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47047051        47047713        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47048990        47049362        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47052280        47052706        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47055273        47056064        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47057680        47058069        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47059810        47060208        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47063007        47063294        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47064558        47064889        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47067125        47067552        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47070074        47070460        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff exon    47071420        47071997        .       +
        .       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47002005        47002178        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47002217        47002384        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47003544        47003918        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47004992        47005121        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47006621        47006787        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47007213        47007426        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47008746        47008990        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47011023        47011205        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47017853        47017983        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47019992        47020236        .       +
        1       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47023155        47023439        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47023969        47024048        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47026811        47027254        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47029109        47029318        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47030685        47030997        .       +
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        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47032257        47032636        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47035200        47035412        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47037344        47037467        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47039726        47039841        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47041797        47042243        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47043757        47044054        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47045556        47045864        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47047051        47047713        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47048990        47049362        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47052280        47052706        .       +
        1       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47055273        47056064        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47057680        47058069        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47059810        47060208        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47063007        47063294        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47064558        47064889        .       +
        0       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47067125        47067552        .       +
        1       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47070074        47070460        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff CDS     47071420        47071877        .       +
        2       Parent=Smp_342870.1
SM_V9_3 Liftoff gene    47077405        47077755        .       +
        .       ID=Smp_200230;geneID=Smp_200230
SM_V9_3 Liftoff mRNA    47077405        47077755        .       +
        .
ID=Smp_200230.1;Parent=Smp_200230;geneID=Smp_200230;product=Kelch
repeat and BTB domain-containing protein 4
SM_V9_3 Liftoff exon    47077405        47077755        .       +
        .       Parent=Smp_200230.1
SM_V9_3 Liftoff CDS     47077405        47077755        .       +
        0       Parent=Smp_200230.1
SM_V9_3 Liftoff gene    47080858        47090716        .       +
        .
ID=Smp_196220;geneID=Smp_196220;previous_systematic_id=Smp_134130
SM_V9_3 Liftoff mRNA    47080858        47090716        .       +
        .
ID=Smp_196220.1;Parent=Smp_196220;geneID=Smp_196220;product=E3
ubiquitin-protein ligase
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Hakai;polypeptide_domain=InterPro:IPR001841,IPR017907
SM_V9_3 Liftoff exon    47080858        47081851        .       +
        .       Parent=Smp_196220.1
SM_V9_3 Liftoff exon    47083573        47083659        .       +
        .       Parent=Smp_196220.1
SM_V9_3 Liftoff exon    47083707        47083768        .       +
        .       Parent=Smp_196220.1
SM_V9_3 Liftoff exon    47085210        47086191        .       +
        .       Parent=Smp_196220.1
SM_V9_3 Liftoff exon    47090433        47090716        .       +
        .       Parent=Smp_196220.1
SM_V9_3 Liftoff CDS     47081366        47081851        .       +
        0       Parent=Smp_196220.1
SM_V9_3 Liftoff CDS     47083573        47083659        .       +
        0       Parent=Smp_196220.1
SM_V9_3 Liftoff CDS     47083707        47083768        .       +
        0       Parent=Smp_196220.1
SM_V9_3 Liftoff CDS     47085210        47086191        .       +
        1       Parent=Smp_196220.1
SM_V9_3 Liftoff CDS     47090433        47090606        .       +
        0       Parent=Smp_196220.1
SM_V9_3 iris    gene    47165270        47251301        .       +
        .
ID=Smp_333740;geneID=Smp_333740;gene_name=Smp_333740;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    47165270        47251301        .       +
        .
ID=Smp_333740.1;Parent=Smp_333740;geneID=Smp_333740;gene_name=Smp_33
3740;owner=irisadmin@local.host;orig_id=Smp_333740.1;date_last_modif
ied=2022-08-23;Name=Smp_333740.1;product=Protocadherin-9;date_creati
on=2022-08-23
SM_V9_3 iris    exon    47165270        47166501        .       +
        .
Parent=Smp_333740.1;Name=396d7e4e-93b2-4c8e-8e61-0fbd221fb0dc
SM_V9_3 iris    exon    47206631        47206973        .       +
        .
Parent=Smp_333740.1;Name=b06ea865-4a58-4ec5-8a2c-98d16ef37ec2
SM_V9_3 iris    exon    47211042        47212118        .       +
        .       Parent=Smp_333740.1;Name=4d1b0297-3ff3-4491-
bbdf-4ba2fa2d1c2d
SM_V9_3 iris    exon    47217240        47217350        .       +
        .       Parent=Smp_333740.1;Name=024a0a5d-a0c9-45a8-98af-
f40c9ed08bc8
SM_V9_3 iris    exon    47220207        47220394        .       +
        .
Parent=Smp_333740.1;Name=abc529f3-4b10-4eb1-9394-3cb284d1a8e9
SM_V9_3 iris    exon    47221489        47221667        .       +
        .       Parent=Smp_333740.1;Name=83ce2758-0cb3-4400-a83d-
def4ae6a95ab
SM_V9_3 iris    exon    47231859        47232169        .       +
        .       Parent=Smp_333740.1;Name=a5069c90-25a0-4dec-
a4d8-70414b5c238e
SM_V9_3 iris    exon    47234011        47234241        .       +
        .       Parent=Smp_333740.1;Name=283d9cd6-
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c8a6-4f9b-9227-1f5ecb7e2ce6
SM_V9_3 iris    exon    47239582        47240994        .       +
        .       Parent=Smp_333740.1;Name=289c20d4-
e58d-4371-8881-6199296a17b9
SM_V9_3 iris    exon    47248240        47248303        .       +
        .       Parent=Smp_333740.1;Name=0deab9ac-8780-437f-
b9cb-6e91397c7c90
SM_V9_3 iris    exon    47250105        47251301        .       +
        .       Parent=Smp_333740.1;Name=d37ed060-71e4-404e-91cf-
da3085f9e238
SM_V9_3 iris    CDS     47165447        47166501        .       +
        0       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47206631        47206973        .       +
        1       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47211042        47212118        .       +
        0       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47217240        47217350        .       +
        0       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47220207        47220394        .       +
        0       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47221489        47221667        .       +
        1       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47231859        47232169        .       +
        2       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47234011        47234241        .       +
        0       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47239582        47240994        .       +
        0       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47248240        47248303        .       +
        0       Parent=Smp_333740.1
SM_V9_3 iris    CDS     47250105        47250697        .       +
        2       Parent=Smp_333740.1
SM_V9_3 Liftoff gene    47262728        47279181        .       +
        .       ID=Smp_326760;geneID=Smp_326760
SM_V9_3 Liftoff mRNA    47262728        47279181        .       +
        .
ID=Smp_326760.1;Parent=Smp_326760;geneID=Smp_326760;product=X-linked
retinitis pigmentosa GTPase regulator
SM_V9_3 Liftoff exon    47262728        47263333        .       +
        .       Parent=Smp_326760.1
SM_V9_3 Liftoff exon    47278564        47279181        .       +
        .       Parent=Smp_326760.1
SM_V9_3 Liftoff CDS     47263048        47263333        .       +
        0       Parent=Smp_326760.1
SM_V9_3 Liftoff CDS     47278564        47278697        .       +
        2       Parent=Smp_326760.1
SM_V9_3 iris    gene    47292083        47305837        .       +
        .
ID=Smp_055340;geneID=Smp_055340;gene_name=Smp_055340;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    47292083        47305837        .       +
        .
ID=Smp_055340.1;Parent=Smp_055340;geneID=Smp_055340;gene_name=Smp_05
5340;owner=irisadmin@local.host;orig_id=Smp_055340.1;date_last_modif
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ied=2022-08-23;Name=Smp_055340.1;product=Protein lin-9
homolog;date_creation=2022-08-23
SM_V9_3 iris    exon    47292083        47292155        .       +
        .       Parent=Smp_055340.1;Name=0bd6ffe9-8559-4ead-
a9fa-488bc6316c4f
SM_V9_3 iris    exon    47292191        47292237        .       +
        .       Parent=Smp_055340.1;Name=3918c4a5-a981-4029-
ad86-7b5e892133d3
SM_V9_3 iris    exon    47292274        47292420        .       +
        .       Parent=Smp_055340.1;Name=cdc391c6-
c0f6-43a4-9019-2fe06814662c
SM_V9_3 iris    exon    47292451        47292608        .       +
        .       Parent=Smp_055340.1;Name=88a56acc-287a-4d08-bd5f-
a67ce268a26e
SM_V9_3 iris    exon    47292639        47292932        .       +
        .
Parent=Smp_055340.1;Name=0bb0d328-0ecc-4622-87d3-283c0cda2eb2
SM_V9_3 iris    exon    47294591        47294831        .       +
        .
Parent=Smp_055340.1;Name=f3231f7f-9858-45a1-8b05-5f75b6f3c7c9
SM_V9_3 iris    exon    47295798        47296160        .       +
        .
Parent=Smp_055340.1;Name=90688dad-8d46-41e9-8e15-9f35d937a266
SM_V9_3 iris    exon    47297019        47297099        .       +
        .       Parent=Smp_055340.1;Name=6cbb9bc5-
a115-442b-9fac-30b420cde9e7
SM_V9_3 iris    exon    47297150        47297275        .       +
        .       Parent=Smp_055340.1;Name=8ddc312a-56ac-48f5-b674-
c29578f402b0
SM_V9_3 iris    exon    47300690        47300794        .       +
        .       Parent=Smp_055340.1;Name=aae5ceff-25f6-4d84-a386-
d8dbbb19a7cd
SM_V9_3 iris    exon    47303296        47303462        .       +
        .
Parent=Smp_055340.1;Name=0bf63afb-9826-4f5f-91e1-5520ed9062a3
SM_V9_3 iris    exon    47305403        47305837        .       +
        .
Parent=Smp_055340.1;Name=08d107fc-0f9a-4809-955c-002e21c03f65
SM_V9_3 iris    CDS     47292134        47292155        .       +
        0       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47292191        47292237        .       +
        2       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47292274        47292420        .       +
        0       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47292451        47292608        .       +
        0       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47292639        47292932        .       +
        1       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47294591        47294831        .       +
        1       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47295798        47296160        .       +
        0       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47297019        47297099        .       +
        0       Parent=Smp_055340.1
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SM_V9_3 iris    CDS     47297150        47297275        .       +
        0       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47300690        47300794        .       +
        0       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47303296        47303462        .       +
        0       Parent=Smp_055340.1
SM_V9_3 iris    CDS     47305403        47305517        .       +
        1       Parent=Smp_055340.1
SM_V9_3 Liftoff gene    47310878        47333144        .       +
        .       ID=Smp_151600;geneID=Smp_151600
SM_V9_3 Liftoff mRNA    47310878        47333144        .       +
        .
ID=Smp_151600.1;Parent=Smp_151600;geneID=Smp_151600;product=neuronal
calcium sensor 2;evidence=Inferred by
Curator;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499,PF13833;Ontology_term=GO:0005509
SM_V9_3 Liftoff exon    47310878        47311542        .       +
        .       Parent=Smp_151600.1
SM_V9_3 Liftoff exon    47322041        47322196        .       +
        .       Parent=Smp_151600.1
SM_V9_3 Liftoff exon    47327263        47327379        .       +
        .       Parent=Smp_151600.1
SM_V9_3 Liftoff exon    47332746        47333144        .       +
        .       Parent=Smp_151600.1
SM_V9_3 Liftoff CDS     47311432        47311542        .       +
        0       Parent=Smp_151600.1
SM_V9_3 Liftoff CDS     47322041        47322196        .       +
        0       Parent=Smp_151600.1
SM_V9_3 Liftoff CDS     47327263        47327379        .       +
        0       Parent=Smp_151600.1
SM_V9_3 Liftoff CDS     47332746        47332934        .       +
        0       Parent=Smp_151600.1
SM_V9_3 iris    gene    47336072        47349213        .       -
        .
ID=Smp_055310;geneID=Smp_055310;gene_name=Smp_055310;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    47336072        47349213        .       -
        .
ID=Smp_055310.1;Parent=Smp_055310;geneID=Smp_055310;gene_name=Smp_05
5310;owner=irisadmin@local.host;orig_id=Smp_055310.1;date_last_modif
ied=2022-07-27;Name=Smp_055310.1;product=N-lysine methyltransferase
KMT5A;date_creation=2022-07-26
SM_V9_3 iris    exon    47336072        47336902        .       -
        .       Parent=Smp_055310.1;Name=06c5ae52-a4bf-45db-80a2-
e165aeaccfdf
SM_V9_3 iris    exon    47339112        47339266        .       -
        .       Parent=Smp_055310.1;Name=80debabf-519b-45c6-991c-
ec2caca5392f
SM_V9_3 iris    exon    47341546        47341721        .       -
        .       Parent=Smp_055310.1;Name=05dbccc5-238b-4f58-8a87-
bab584c04d8b
SM_V9_3 iris    exon    47342838        47342897        .       -
        .       Parent=Smp_055310.1;Name=425929e6-2b01-4f43-bcee-
aa9a755c1c54
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SM_V9_3 iris    exon    47344843        47345146        .       -
        .
Parent=Smp_055310.1;Name=5644c578-8f87-4c8b-8118-9bf202f05679
SM_V9_3 iris    exon    47348705        47349213        .       -
        .       Parent=Smp_055310.1;Name=df51dde7-1bbc-4fac-9c20-
c16fc19a4dd1
SM_V9_3 iris    CDS     47336829        47336902        .       -
        2       Parent=Smp_055310.1
SM_V9_3 iris    CDS     47339112        47339266        .       -
        1       Parent=Smp_055310.1
SM_V9_3 iris    CDS     47341546        47341721        .       -
        0       Parent=Smp_055310.1
SM_V9_3 iris    CDS     47342838        47342897        .       -
        0       Parent=Smp_055310.1
SM_V9_3 iris    CDS     47344843        47345146        .       -
        1       Parent=Smp_055310.1
SM_V9_3 iris    CDS     47348705        47349165        .       -
        0       Parent=Smp_055310.1
SM_V9_3 iris    gene    47355544        47383624        .       +
        .
ID=Smp_151590;geneID=Smp_151590;gene_name=Smp_151590;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    47355544        47383624        .       +
        .
ID=Smp_151590.1;Parent=Smp_151590;geneID=Smp_151590;gene_name=Smp_15
1590;owner=irisadmin@local.host;orig_id=Smp_151590.1;date_last_modif
ied=2022-08-23;Name=Smp_151590.1;product=STE20-like serine/
threonine-protein kinase;date_creation=2022-08-23
SM_V9_3 iris    exon    47355544        47355693        .       +
        .       Parent=Smp_151590.1;Name=f4db0035-7a8a-4e7a-
a7d4-978cc7a019ae
SM_V9_3 iris    exon    47355728        47355856        .       +
        .       Parent=Smp_151590.1;Name=4bf1e0de-
bd01-4099-8c60-837d16c08aa4
SM_V9_3 iris    exon    47364011        47364470        .       +
        .
Parent=Smp_151590.1;Name=5b9855bf-149c-4e1c-87c9-2cd3a4c5f8ec
SM_V9_3 iris    exon    47375077        47375681        .       +
        .
Parent=Smp_151590.1;Name=a8710c43-590d-42bf-8c6c-7e47670521e4
SM_V9_3 iris    exon    47379230        47379460        .       +
        .       Parent=Smp_151590.1;Name=00a2c241-de11-4972-93d1-
c473608c4ca4
SM_V9_3 iris    exon    47383031        47383624        .       +
        .       Parent=Smp_151590.1;Name=c20dbeab-158c-4c8e-b0ee-
bcb930ee8290
SM_V9_3 iris    CDS     47355592        47355693        .       +
        0       Parent=Smp_151590.1
SM_V9_3 iris    CDS     47355728        47355856        .       +
        0       Parent=Smp_151590.1
SM_V9_3 iris    CDS     47364011        47364470        .       +
        0       Parent=Smp_151590.1
SM_V9_3 iris    CDS     47375077        47375681        .       +
        2       Parent=Smp_151590.1
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SM_V9_3 iris    CDS     47379230        47379460        .       +
        0       Parent=Smp_151590.1
SM_V9_3 iris    CDS     47383031        47383381        .       +
        0       Parent=Smp_151590.1
SM_V9_3 Liftoff gene    47404252        47411934        .       -
        .       ID=Smp_151580;geneID=Smp_151580
SM_V9_3 Liftoff mRNA    47404252        47411934        .       -
        .
ID=Smp_151580.1;Parent=Smp_151580;geneID=Smp_151580;product=Na(+)/
H(+) exchange regulatory cofactor NHE-
RF2;polypeptide_domain=InterPro:IPR001478
Pfam:PF00595;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    47404252        47411070        .       -
        .       Parent=Smp_151580.1
SM_V9_3 Liftoff exon    47411459        47411616        .       -
        .       Parent=Smp_151580.1
SM_V9_3 Liftoff exon    47411653        47411934        .       -
        .       Parent=Smp_151580.1
SM_V9_3 Liftoff CDS     47410861        47411070        .       -
        0       Parent=Smp_151580.1
SM_V9_3 Liftoff CDS     47411459        47411616        .       -
        2       Parent=Smp_151580.1
SM_V9_3 Liftoff CDS     47411653        47411860        .       -
        0       Parent=Smp_151580.1
SM_V9_3 Liftoff gene    47416383        47436185        .       +
        .       ID=Smp_151570;geneID=Smp_151570
SM_V9_3 Liftoff mRNA    47416383        47436185        .       +
        .
ID=Smp_151570.1;Parent=Smp_151570;geneID=Smp_151570;product=Tetratri
copeptide repeat protein
29;polypeptide_domain=InterPro:IPR011990;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    47416383        47416444        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff exon    47416479        47416646        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff exon    47418600        47419105        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff exon    47424960        47425199        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff exon    47427096        47427181        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff exon    47428945        47429036        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff exon    47432206        47432597        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff exon    47435933        47436185        .       +
        .       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47416410        47416444        .       +
        0       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47416479        47416646        .       +
        1       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47418600        47419105        .       +
        1       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47424960        47425199        .       +
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        2       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47427096        47427181        .       +
        2       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47428945        47429036        .       +
        0       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47432206        47432597        .       +
        1       Parent=Smp_151570.1
SM_V9_3 Liftoff CDS     47435933        47436000        .       +
        2       Parent=Smp_151570.1
SM_V9_3 Liftoff gene    47438014        47454635        .       -
        .       ID=Smp_151560;geneID=Smp_151560
SM_V9_3 Liftoff mRNA    47438014        47454635        .       -
        .
ID=Smp_151560.1;Parent=Smp_151560;geneID=Smp_151560;product=DNA
helicase
MCM9;polypeptide_domain=InterPro:IPR001208,IPR003593,IPR012340,IPR02
7417,IPR031327,IPR033762
Pfam:PF00493,PF17207;Ontology_term=GO:0003677,GO:0005524,GO:0006270
SM_V9_3 Liftoff exon    47438014        47438941        .       -
        .       Parent=Smp_151560.1
SM_V9_3 Liftoff exon    47441150        47441404        .       -
        .       Parent=Smp_151560.1
SM_V9_3 Liftoff exon    47449582        47450156        .       -
        .       Parent=Smp_151560.1
SM_V9_3 Liftoff exon    47451854        47454635        .       -
        .       Parent=Smp_151560.1
SM_V9_3 Liftoff CDS     47438066        47438941        .       -
        0       Parent=Smp_151560.1
SM_V9_3 Liftoff CDS     47441150        47441404        .       -
        0       Parent=Smp_151560.1
SM_V9_3 Liftoff CDS     47449582        47450156        .       -
        2       Parent=Smp_151560.1
SM_V9_3 Liftoff CDS     47451854        47452877        .       -
        0       Parent=Smp_151560.1
SM_V9_3 Liftoff gene    47529743        47529955        .       -
        .       ID=Smp_200670;geneID=Smp_200670
SM_V9_3 Liftoff mRNA    47529743        47529955        .       -
        .
ID=Smp_200670.1;Parent=Smp_200670;geneID=Smp_200670;product=Genome
polyprotein
SM_V9_3 Liftoff exon    47529743        47529955        .       -
        .       Parent=Smp_200670.1
SM_V9_3 Liftoff CDS     47529743        47529955        .       -
        0       Parent=Smp_200670.1
SM_V9_3 iris    gene    47577769        47595034        .       -
        .
ID=Smp_309720;geneID=Smp_309720;gene_name=Smp_309720;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    47577769        47595034        .       -
        .
ID=Smp_309720.1;Parent=Smp_309720;geneID=Smp_309720;gene_name=Smp_30
9720;owner=irisadmin@local.host;orig_id=Smp_309720.1;date_last_modif
ied=2022-07-27;Name=Smp_309720.1;product=Ankyrin repeat domain-
containing protein 12;date_creation=2022-07-26
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SM_V9_3 iris    exon    47577769        47578705        .       -
        .
Parent=Smp_309720.1;Name=111fe8a3-10ed-4805-9383-196ad4c32947
SM_V9_3 iris    exon    47579555        47579641        .       -
        .       Parent=Smp_309720.1;Name=3855acb1-
eb77-451c-990a-81843e239c60
SM_V9_3 iris    exon    47581234        47581389        .       -
        .       Parent=Smp_309720.1;Name=b8dff9a7-82b1-4ade-84d3-
f1688d2bf35c
SM_V9_3 iris    exon    47581931        47582026        .       -
        .       Parent=Smp_309720.1;Name=ce9fe1bc-c4b8-42d1-
b61c-7a723fc646b1
SM_V9_3 iris    exon    47583745        47583873        .       -
        .
Parent=Smp_309720.1;Name=edae26fe-4581-407f-82b3-06009b6358db
SM_V9_3 iris    exon    47584207        47584982        .       -
        .       Parent=Smp_309720.1;Name=1da80100-02a0-4824-
b1b3-924fc36d6fb0
SM_V9_3 iris    exon    47585835        47585916        .       -
        .
Parent=Smp_309720.1;Name=8d262ea3-694f-499e-8cad-255fbabc85c7
SM_V9_3 iris    exon    47586490        47587293        .       -
        .
Parent=Smp_309720.1;Name=d545b179-70fa-4e46-8af1-105034d18eae
SM_V9_3 iris    exon    47589246        47590084        .       -
        .       Parent=Smp_309720.1;Name=bd571c24-
ae4c-4f0b-8ad1-1d19e2ae5e22
SM_V9_3 iris    exon    47592376        47592784        .       -
        .       Parent=Smp_309720.1;Name=ce0af77a-e208-4820-b0d8-
c40220ec2f9f
SM_V9_3 iris    exon    47594223        47594476        .       -
        .       Parent=Smp_309720.1;Name=85bb3fc0-
d1b9-4268-9ec3-1ce3d2fed3a3
SM_V9_3 iris    exon    47594897        47595034        .       -
        .       Parent=Smp_309720.1;Name=88b89caf-7765-4e99-
a2f0-42367def41a3
SM_V9_3 iris    CDS     47578316        47578705        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47579555        47579641        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47581234        47581389        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47581931        47582026        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47583745        47583873        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47584207        47584982        .       -
        2       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47585835        47585916        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47586490        47587293        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47589246        47590084        .       -
        2       Parent=Smp_309720.1
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SM_V9_3 iris    CDS     47592376        47592784        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47594223        47594476        .       -
        2       Parent=Smp_309720.1
SM_V9_3 iris    CDS     47594897        47594939        .       -
        0       Parent=Smp_309720.1
SM_V9_3 iris    gene    47607456        47630056        .       +
        .
ID=Smp_309710;geneID=Smp_309710;gene_name=Smp_309710;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    47607456        47630056        .       +
        .
ID=Smp_309710.1;Parent=Smp_309710;geneID=Smp_309710;gene_name=Smp_30
9710;owner=irisadmin@local.host;orig_id=Smp_309710.2;date_last_modif
ied=2022-07-27;Name=Smp_309710.1;product=Ankyrin repeat domain-
containing protein 11;date_creation=2022-07-26
SM_V9_3 iris    exon    47607456        47607515        .       +
        .       Parent=Smp_309710.1;Name=e15d131b-
d09f-4128-806a-95d992f7380f
SM_V9_3 iris    exon    47611021        47611158        .       +
        .
Parent=Smp_309710.1;Name=b7e8c08a-9cf3-4996-8739-4ca1df489142
SM_V9_3 iris    exon    47611579        47611832        .       +
        .
Parent=Smp_309710.1;Name=3a829916-5bfa-4759-8dac-534aef39d8fc
SM_V9_3 iris    exon    47613271        47613679        .       +
        .       Parent=Smp_309710.1;Name=ce095e21-8368-44b8-
bcb7-1a29cb27d12b
SM_V9_3 iris    exon    47615971        47616809        .       +
        .       Parent=Smp_309710.1;Name=39d6f5bf-9230-4e5e-
af71-924d827dbc06
SM_V9_3 iris    exon    47620535        47621338        .       +
        .       Parent=Smp_309710.1;Name=d2b2a379-8254-4d60-
b715-79571010199c
SM_V9_3 iris    exon    47621912        47621993        .       +
        .
Parent=Smp_309710.1;Name=cf64770f-4bc8-4a3c-98b9-397287987ae1
SM_V9_3 iris    exon    47622846        47623621        .       +
        .       Parent=Smp_309710.1;Name=39215627-f7a7-40ef-
adf2-22471c46d821
SM_V9_3 iris    exon    47623955        47624083        .       +
        .       Parent=Smp_309710.1;Name=2284ebf3-5e27-4197-8661-
dda70d612aab
SM_V9_3 iris    exon    47625802        47625897        .       +
        .       Parent=Smp_309710.1;Name=355b5980-
b878-428f-9540-9336011c696d
SM_V9_3 iris    exon    47626439        47626594        .       +
        .       Parent=Smp_309710.1;Name=6a82714d-f82d-46ed-9023-
fbf923aea582
SM_V9_3 iris    exon    47628187        47628273        .       +
        .       Parent=Smp_309710.1;Name=ada2f3b9-e5e7-4840-
b915-8d861c6b3959
SM_V9_3 iris    exon    47629113        47630056        .       +
        .       Parent=Smp_309710.1;Name=aa0d57df-0f5b-43d6-a9dc-
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cfc2bd933cf1
SM_V9_3 iris    CDS     47611116        47611158        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47611579        47611832        .       +
        2       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47613271        47613679        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47615971        47616809        .       +
        2       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47620535        47621338        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47621912        47621993        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47622846        47623621        .       +
        2       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47623955        47624083        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47625802        47625897        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47626439        47626594        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47628187        47628273        .       +
        0       Parent=Smp_309710.1
SM_V9_3 iris    CDS     47629113        47629502        .       +
        0       Parent=Smp_309710.1
SM_V9_3 Liftoff gene    47643886        47653500        .       +
        .
ID=Smp_309730;geneID=Smp_309730;previous_systematic_id=Smp_126430
SM_V9_3 Liftoff mRNA    47643886        47653500        .       +
        .
ID=Smp_309730.2;Parent=Smp_309730;geneID=Smp_309730;product=Lys-
gingipain W83
SM_V9_3 Liftoff exon    47643886        47643935        .       +
        .       Parent=Smp_309730.2
SM_V9_3 Liftoff exon    47653219        47653500        .       +
        .       Parent=Smp_309730.2
SM_V9_3 Liftoff CDS     47643930        47643935        .       +
        0       Parent=Smp_309730.2
SM_V9_3 Liftoff CDS     47653219        47653461        .       +
        0       Parent=Smp_309730.2
SM_V9_3 Liftoff mRNA    47649066        47653500        .       +
        .
ID=Smp_309730.1;Parent=Smp_309730;geneID=Smp_309730;product=Lys-
gingipain W83
SM_V9_3 Liftoff exon    47649066        47649208        .       +
        .       Parent=Smp_309730.1
SM_V9_3 Liftoff exon    47653219        47653500        .       +
        .       Parent=Smp_309730.1
SM_V9_3 Liftoff CDS     47649206        47649208        .       +
        0       Parent=Smp_309730.1
SM_V9_3 Liftoff CDS     47653219        47653461        .       +
        0       Parent=Smp_309730.1
SM_V9_3 Liftoff gene    47658586        47659002        .       +
        .
```

```
ID=Smp_309740;geneID=Smp_309740;previous_systematic_id=Smp_126430
SM_V9_3 Liftoff mRNA    47658586        47659002        .       +
        .
ID=Smp_309740.1;Parent=Smp_309740;geneID=Smp_309740;product=Protein
msta, isoform A
SM_V9_3 Liftoff exon    47658586        47659002        .       +
        .       Parent=Smp_309740.1
SM_V9_3 Liftoff CDS     47658640        47658903        .       +
        0       Parent=Smp_309740.1
SM_V9_3 Liftoff gene    47719306        47722082        .       +
        .       ID=Smp_126420;geneID=Smp_126420
SM_V9_3 Liftoff mRNA    47719306        47722082        .       +
        .
ID=Smp_126420.1;Parent=Smp_126420;geneID=Smp_126420;product=Protocad
herin gamma-A11
SM_V9_3 Liftoff exon    47719306        47722082        .       +
        .       Parent=Smp_126420.1
SM_V9_3 Liftoff CDS     47719494        47721272        .       +
        0       Parent=Smp_126420.1
SM_V9_3 Liftoff gene    47793816        47801009        .       +
        .
ID=Smp_342230;geneID=Smp_342230;previous_systematic_id=Smp_126400
SM_V9_3 Liftoff mRNA    47793816        47801009        .       +
        .
ID=Smp_342230.1;Parent=Smp_342230;geneID=Smp_342230;product=Sulfate
adenylyltransferase subunit 2
SM_V9_3 Liftoff exon    47793816        47794264        .       +
        .       Parent=Smp_342230.1
SM_V9_3 Liftoff exon    47800524        47801009        .       +
        .       Parent=Smp_342230.1
SM_V9_3 Liftoff CDS     47793894        47794264        .       +
        0       Parent=Smp_342230.1
SM_V9_3 Liftoff CDS     47800524        47800755        .       +
        1       Parent=Smp_342230.1
SM_V9_3 Liftoff gene    47806056        47808100        .       +
        .       ID=Smp_007900;geneID=Smp_007900
SM_V9_3 Liftoff mRNA    47806056        47808100        .       +
        .
ID=Smp_007900.1;Parent=Smp_007900;geneID=Smp_007900;product=60S
ribosomal protein
L23;polypeptide_domain=InterPro:IPR000218,IPR019972
Pfam:PF00238;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_3 Liftoff exon    47806056        47806112        .       +
        .       Parent=Smp_007900.1
SM_V9_3 Liftoff exon    47806197        47806523        .       +
        .       Parent=Smp_007900.1
SM_V9_3 Liftoff exon    47807979        47808100        .       +
        .       Parent=Smp_007900.1
SM_V9_3 Liftoff CDS     47806100        47806112        .       +
        0       Parent=Smp_007900.1
SM_V9_3 Liftoff CDS     47806197        47806523        .       +
        2       Parent=Smp_007900.1
SM_V9_3 Liftoff CDS     47807979        47808061        .       +
        2       Parent=Smp_007900.1
```

```
SM_V9_3 Liftoff gene    47810121        47813481        .       -
        .       ID=Smp_007890;geneID=Smp_007890
SM_V9_3 Liftoff mRNA    47810121        47813481        .       -
        .
ID=Smp_007890.1;Parent=Smp_007890;geneID=Smp_007890;product=DNA-
directed RNA polymerase III subunit
RPC9;polypeptide_domain=InterPro:IPR005574,IPR006590,IPR010997
Pfam:PF03874;Ontology_term=GO:0000166,GO:0003824,GO:0003899,GO:00063
51,GO:0044237
SM_V9_3 Liftoff exon    47810121        47810323        .       -
        .       Parent=Smp_007890.1
SM_V9_3 Liftoff exon    47813034        47813481        .       -
        .       Parent=Smp_007890.1
SM_V9_3 Liftoff CDS     47810177        47810323        .       -
        0       Parent=Smp_007890.1
SM_V9_3 Liftoff CDS     47813034        47813309        .       -
        0       Parent=Smp_007890.1
SM_V9_3 iris    gene    47826317        47865955        .       +
        .
ID=Smp_196810;geneID=Smp_196810;gene_name=Smp_196810;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    47826317        47865955        .       +
        .
ID=Smp_196810.1;Parent=Smp_196810;geneID=Smp_196810;gene_name=Smp_19
6810;owner=irisadmin@local.host;orig_id=Smp_196810.1;date_last_modif
ied=2022-07-27;Name=Smp_196810.1;product=Dihydropyrimidinase-related
protein 5;date_creation=2022-07-26
SM_V9_3 iris    exon    47826317        47826680        .       +
        .       Parent=Smp_196810.1;Name=557b6917-2ac2-412a-a162-
aced49080186
SM_V9_3 iris    exon    47843617        47843705        .       +
        .
Parent=Smp_196810.1;Name=0cf5683c-2ce3-4b3c-995a-35dcaf19d330
SM_V9_3 iris    exon    47845139        47845320        .       +
        .
Parent=Smp_196810.1;Name=3ea4a91c-3824-4ed4-94a9-20f515cf967a
SM_V9_3 iris    exon    47846339        47846526        .       +
        .       Parent=Smp_196810.1;Name=59beb26c-8d65-4d70-
a4bc-3900f0047fb4
SM_V9_3 iris    exon    47847598        47847771        .       +
        .       Parent=Smp_196810.1;Name=4386fcf8-9c42-42a6-
bc78-33311da2e7f8
SM_V9_3 iris    exon    47851046        47851234        .       +
        .
Parent=Smp_196810.1;Name=754a8f81-2ad6-444b-9c72-844d852a7b1d
SM_V9_3 iris    exon    47856477        47856623        .       +
        .       Parent=Smp_196810.1;Name=d4c6ae78-d6a8-44d1-
b8b6-5ad36612ffcf
SM_V9_3 iris    exon    47859769        47860122        .       +
        .       Parent=Smp_196810.1;Name=41cb111b-589f-4c8c-82e1-
b9df1dcf24f7
SM_V9_3 iris    exon    47863488        47863716        .       +
        .
Parent=Smp_196810.1;Name=d3d3b6ec-7ed7-43a2-9eb8-545194b3518f
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SM_V9_3 iris    exon    47865686        47865955        .       +
        .       Parent=Smp_196810.1;Name=943c486e-7250-4630-9f77-
ef72663bd546
SM_V9_3 iris    CDS     47826495        47826680        .       +
        0       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47843617        47843705        .       +
        0       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47845139        47845320        .       +
        1       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47846339        47846526        .       +
        2       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47847598        47847771        .       +
        0       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47851046        47851234        .       +
        0       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47856477        47856623        .       +
        0       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47859769        47860122        .       +
        0       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47863488        47863716        .       +
        0       Parent=Smp_196810.1
SM_V9_3 iris    CDS     47865686        47865768        .       +
        2       Parent=Smp_196810.1
SM_V9_3 Liftoff gene    47865969        47877012        .       -
        .       ID=Smp_172700;geneID=Smp_172700
SM_V9_3 Liftoff mRNA    47865969        47877012        .       -
        .
ID=Smp_172700.1;Parent=Smp_172700;geneID=Smp_172700;product=Cyclin-
dependent kinase
6;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_3 Liftoff exon    47865969        47868187        .       -
        .       Parent=Smp_172700.1
SM_V9_3 Liftoff exon    47872671        47873492        .       -
        .       Parent=Smp_172700.1
SM_V9_3 Liftoff exon    47874959        47875097        .       -
        .       Parent=Smp_172700.1
SM_V9_3 Liftoff exon    47875146        47875477        .       -
        .       Parent=Smp_172700.1
SM_V9_3 Liftoff exon    47876553        47876688        .       -
        .       Parent=Smp_172700.1
SM_V9_3 Liftoff exon    47876724        47877012        .       -
        .       Parent=Smp_172700.1
SM_V9_3 Liftoff CDS     47866943        47868187        .       -
        0       Parent=Smp_172700.1
SM_V9_3 Liftoff CDS     47872671        47873492        .       -
        0       Parent=Smp_172700.1
SM_V9_3 Liftoff CDS     47874959        47875097        .       -
        1       Parent=Smp_172700.1
SM_V9_3 Liftoff CDS     47875146        47875477        .       -
        0       Parent=Smp_172700.1
SM_V9_3 Liftoff CDS     47876553        47876688        .       -
        1       Parent=Smp_172700.1
SM_V9_3 Liftoff CDS     47876724        47876950        .       -
```

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        0       Parent=Smp_172700.1
SM_V9_3 iris    gene    47885944        47887924        .       +
        .
ID=Smp_092490;geneID=Smp_092490;gene_name=Smp_092490;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    47885944        47887924        .       +
        .
ID=Smp_092490.1;Parent=Smp_092490;geneID=Smp_092490;gene_name=Smp_09
2490;owner=irisadmin@local.host;orig_id=Smp_092490.1;date_last_modif
ied=2022-07-27;Name=Smp_092490.1;product=NADH dehydrogenase
[ubiquinone] iron-sulfur protein 7,
mitochondrial;date_creation=2022-07-26
SM_V9_3 iris    exon    47885944        47886051        .       +
        .
Parent=Smp_092490.1;Name=c6c4e354-0b70-4f32-9ac5-0c05674f353b
SM_V9_3 iris    exon    47886085        47886214        .       +
        .       Parent=Smp_092490.1;Name=b458bd05-f472-46cb-8519-
efaa6f759821
SM_V9_3 iris    exon    47886247        47886562        .       +
        .       Parent=Smp_092490.1;Name=83a67f90-d138-4762-ac01-
f45258d77de8
SM_V9_3 iris    exon    47887626        47887924        .       +
        .       Parent=Smp_092490.1;Name=5048a4d5-4a90-49e3-
ac84-968330754a9d
SM_V9_3 iris    CDS     47885972        47886051        .       +
        0       Parent=Smp_092490.1
SM_V9_3 iris    CDS     47886085        47886214        .       +
        1       Parent=Smp_092490.1
SM_V9_3 iris    CDS     47886247        47886562        .       +
        0       Parent=Smp_092490.1
SM_V9_3 iris    CDS     47887626        47887723        .       +
        2       Parent=Smp_092490.1
SM_V9_3 Liftoff gene    47891225        47898570        .       -
        .       ID=Smp_092500;geneID=Smp_092500
SM_V9_3 Liftoff mRNA    47891225        47898570        .       -
        .
ID=Smp_092500.1;Parent=Smp_092500;geneID=Smp_092500;product=Thioredo
xin domain-containing protein
17;polypeptide_domain=InterPro:IPR010357,IPR012336 Pfam:PF06110
SM_V9_3 Liftoff exon    47891225        47891927        .       -
        .       Parent=Smp_092500.1
SM_V9_3 Liftoff exon    47893506        47893587        .       -
        .       Parent=Smp_092500.1
SM_V9_3 Liftoff exon    47896447        47896528        .       -
        .       Parent=Smp_092500.1
SM_V9_3 Liftoff exon    47898320        47898570        .       -
        .       Parent=Smp_092500.1
SM_V9_3 Liftoff CDS     47891838        47891927        .       -
        0       Parent=Smp_092500.1
SM_V9_3 Liftoff CDS     47893506        47893587        .       -
        1       Parent=Smp_092500.1
SM_V9_3 Liftoff CDS     47896447        47896528        .       -
        2       Parent=Smp_092500.1
SM_V9_3 Liftoff CDS     47898320        47898470        .       -
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        0       Parent=Smp_092500.1
SM_V9_3 Liftoff gene    47902891        47953720        .       -
        .
ID=Smp_001180;geneID=Smp_001180;previous_systematic_id=Smp_122720
SM_V9_3 Liftoff mRNA    47902891        47953720        .       -
        .
ID=Smp_001180.1;Parent=Smp_001180;geneID=Smp_001180;product=Helicase
ARIP4;polypeptide_domain=InterPro:IPR000330,IPR001650,IPR014001,IPR0
27417 Pfam:PF00176,PF00271;Ontology_term=GO:0005524
SM_V9_3 Liftoff exon    47902891        47906237        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47914098        47914151        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47918728        47918915        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47921237        47921451        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47924009        47924218        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47926067        47926250        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47929252        47929348        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47930904        47931594        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47935946        47936257        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47939235        47939640        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47939742        47939856        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47944951        47945146        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47946384        47946791        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47948260        47948457        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47949643        47949846        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47951035        47951411        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47953168        47953301        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47953339        47953483        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff exon    47953518        47953720        .       -
        .       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47904169        47906237        .       -
        2       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47914098        47914151        .       -
        2       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47918728        47918915        .       -
        1       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47921237        47921451        .       -
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        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47924009        47924218        .       -
        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47926067        47926250        .       -
        1       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47929252        47929348        .       -
        2       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47930904        47931594        .       -
        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47935946        47936257        .       -
        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47939235        47939640        .       -
        1       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47939742        47939856        .       -
        2       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47944951        47945146        .       -
        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47946384        47946791        .       -
        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47948260        47948457        .       -
        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47949643        47949846        .       -
        0       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47951035        47951411        .       -
        2       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47953168        47953301        .       -
        1       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47953339        47953483        .       -
        2       Parent=Smp_001180.1
SM_V9_3 Liftoff CDS     47953518        47953542        .       -
        0       Parent=Smp_001180.1
SM_V9_3 iris    gene    47969167        48001850        .       -
        .
ID=Smp_001170;geneID=Smp_001170;gene_name=Smp_001170;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    47969167        48001850        .       -
        .
ID=Smp_001170.1;Parent=Smp_001170;geneID=Smp_001170;gene_name=Smp_00
1170;owner=irisadmin@local.host;orig_id=Smp_001170.1;date_last_modif
ied=2022-07-27;Name=Smp_001170.1;product=Eukaryotic translation
initiation factor 3 subunit A;date_creation=2022-07-26
SM_V9_3 iris    exon    47969167        47969617        .       -
        .       Parent=Smp_001170.1;Name=e8ce8789-1162-4c62-9575-
acfb1119ba24
SM_V9_3 iris    exon    47971805        47971849        .       -
        .       Parent=Smp_001170.1;Name=16f4ca65-401e-4b78-bad9-
f27f968ee49f
SM_V9_3 iris    exon    47975279        47975338        .       -
        .       Parent=Smp_001170.1;Name=2c6275bf-c980-4f1f-a4c9-
b5ff963409e6
SM_V9_3 iris    exon    47976376        47976426        .       -
        .       Parent=Smp_001170.1;Name=759a5a19-866c-4978-8377-
fc1cefa811c9
SM_V9_3 iris    exon    47978156        47978219        .       -
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        .       Parent=Smp_001170.1;Name=ca320619-da0f-49aa-a049-
b59c2503b36b
SM_V9_3 iris    exon    47981427        47981507        .       -
        .
Parent=Smp_001170.1;Name=686677ad-893b-42da-8e11-8882252814f8
SM_V9_3 iris    exon    47981620        47981694        .       -
        .       Parent=Smp_001170.1;Name=83891a6e-63c7-4a5b-
bc12-0e0cbfdb413c
SM_V9_3 iris    exon    47981797        47981859        .       -
        .       Parent=Smp_001170.1;Name=4aed7460-d6a9-4c8f-
b4bb-40a62b170b9d
SM_V9_3 iris    exon    47983976        47984053        .       -
        .
Parent=Smp_001170.1;Name=bec3a7ca-00c4-4d29-9bec-5c9949955d63
SM_V9_3 iris    exon    47984156        47984212        .       -
        .
Parent=Smp_001170.1;Name=9bfc890e-9f28-4192-8408-22c86b7b21c8
SM_V9_3 iris    exon    47986283        47986363        .       -
        .       Parent=Smp_001170.1;Name=dd276bda-8072-457c-
b9d4-7aea9b93b16a
SM_V9_3 iris    exon    47987272        47987506        .       -
        .       Parent=Smp_001170.1;Name=caa09db0-4a2a-4cac-
bd76-3ae9a5ac4427
SM_V9_3 iris    exon    47990366        47990620        .       -
        .       Parent=Smp_001170.1;Name=e4a0d621-56c2-4e35-8d28-
a9181076be61
SM_V9_3 iris    exon    47992865        47993122        .       -
        .       Parent=Smp_001170.1;Name=4ca4826a-614d-4f35-ba8b-
f23c7d600e46
SM_V9_3 iris    exon    47993224        47993460        .       -
        .       Parent=Smp_001170.1;Name=a498f98f-c01b-48a0-89f5-
ecebb1a7ec4b
SM_V9_3 iris    exon    47995772        47996220        .       -
        .       Parent=Smp_001170.1;Name=9edebb38-87d1-4737-9bf8-
f549a47dbd13
SM_V9_3 iris    exon    47996267        47996747        .       -
        .       Parent=Smp_001170.1;Name=7284996a-d6ff-4226-8c8e-
fe3df4a603b0
SM_V9_3 iris    exon    47996801        47996859        .       -
        .       Parent=Smp_001170.1;Name=ee56198c-
f197-4684-8f48-1be0a211ac91
SM_V9_3 iris    exon    47996904        47997067        .       -
        .       Parent=Smp_001170.1;Name=a5739aea-5211-4b50-bf2d-
bb1416ffd3cf
SM_V9_3 iris    exon    47998522        47998658        .       -
        .       Parent=Smp_001170.1;Name=0d13e00f-
ace3-4c71-9391-791231564aae
SM_V9_3 iris    exon    47998711        47998901        .       -
        .       Parent=Smp_001170.1;Name=8e79f500-5061-40e0-ac3d-
d4240252ee60
SM_V9_3 iris    exon    48001740        48001850        .       -
        .       Parent=Smp_001170.1;Name=4833268c-55a5-4c0a-9ed4-
f08c12c6d879
SM_V9_3 iris    CDS     47969590        47969617        .       -
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SM_V9_3 iris    CDS     47971805        47971849        .       -
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SM_V9_3 iris    CDS     47975279        47975338        .       -
        1       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47976376        47976426        .       -
        1       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47978156        47978219        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47981427        47981507        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47981620        47981694        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47981797        47981859        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47983976        47984053        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47984156        47984212        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47986283        47986363        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47987272        47987506        .       -
        0       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47990366        47990620        .       -
        0       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47992865        47993122        .       -
        0       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47993224        47993460        .       -
        0       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47995772        47996220        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47996267        47996747        .       -
        0       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47996801        47996859        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47996904        47997067        .       -
        1       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47998522        47998658        .       -
        0       Parent=Smp_001170.1
SM_V9_3 iris    CDS     47998711        47998901        .       -
        2       Parent=Smp_001170.1
SM_V9_3 iris    CDS     48001740        48001791        .       -
        0       Parent=Smp_001170.1
SM_V9_3 Liftoff gene    48010387        48028150        .       -
        .       ID=Smp_001160;geneID=Smp_001160
SM_V9_3 Liftoff mRNA    48010387        48028150        .       -
        .
ID=Smp_001160.1;Parent=Smp_001160;geneID=Smp_001160;product=Sperm-
associated antigen 16
protein;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IP
R019775,IPR020472 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_3 Liftoff exon    48010387        48010633        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48012458        48012901        .       -
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SM_V9_3 Liftoff exon    48014075        48014425        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48020249        48020438        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48023779        48023918        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48025322        48025667        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48027408        48027515        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48027559        48027851        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48027886        48028025        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff exon    48028065        48028150        .       -
        .       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48010523        48010633        .       -
        0       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48012458        48012901        .       -
        0       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48014075        48014425        .       -
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SM_V9_3 Liftoff CDS     48020249        48020438        .       -
        1       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48023779        48023918        .       -
        0       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48025322        48025667        .       -
        1       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48027408        48027515        .       -
        1       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48027559        48027851        .       -
        0       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48027886        48028025        .       -
        2       Parent=Smp_001160.1
SM_V9_3 Liftoff CDS     48028065        48028098        .       -
        0       Parent=Smp_001160.1
SM_V9_3 Liftoff gene    48044518        48051020        .       -
        .
ID=Smp_340050;geneID=Smp_340050;previous_systematic_id=Smp_001150,Sm
p_122690
SM_V9_3 Liftoff mRNA    48044518        48051020        .       -
        .
ID=Smp_340050.1;Parent=Smp_340050;geneID=Smp_340050;product=Protein
lunapark;polypeptide_domain=InterPro:IPR019273 Pfam:PF10058
SM_V9_3 Liftoff exon    48044518        48045373        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48047964        48048191        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48050189        48050303        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48050339        48050431        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48050468        48050508        .       -
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        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48050544        48050602        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48050635        48050822        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48050857        48050901        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff exon    48050937        48051020        .       -
        .       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48045033        48045373        .       -
        2       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48047964        48048191        .       -
        2       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48050189        48050303        .       -
        0       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48050339        48050431        .       -
        0       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48050468        48050508        .       -
        2       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48050544        48050602        .       -
        1       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48050635        48050822        .       -
        0       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48050857        48050901        .       -
        0       Parent=Smp_340050.1
SM_V9_3 Liftoff CDS     48050937        48050975        .       -
        0       Parent=Smp_340050.1
SM_V9_3 iris    gene    48058467        48136393        .       +
        .
ID=Smp_122680;geneID=Smp_122680;gene_name=Smp_122680;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    48058467        48136393        .       +
        .
ID=Smp_122680.1;Parent=Smp_122680;geneID=Smp_122680;gene_name=Smp_12
2680;owner=irisadmin@local.host;orig_id=Smp_122680.1;date_last_modif
ied=2022-07-27;Name=Smp_122680.1;product=Rho GTPase-activating
protein 26;date_creation=2022-07-26
SM_V9_3 iris    exon    48058467        48058666        .       +
        .       Parent=Smp_122680.1;Name=a12bdb48-a384-4f81-8a21-
f86098644657
SM_V9_3 iris    exon    48071729        48071821        .       +
        .       Parent=Smp_122680.1;Name=3e48151a-
d8ab-4539-96c3-0b709129a582
SM_V9_3 iris    exon    48071877        48071974        .       +
        .       Parent=Smp_122680.1;Name=06d360b8-20e1-438c-8e25-
b8f34962e7f1
SM_V9_3 iris    exon    48077065        48077133        .       +
        .       Parent=Smp_122680.1;Name=eb52e145-80bc-48d6-9cfb-
e3e98e8af608
SM_V9_3 iris    exon    48083184        48083276        .       +
        .       Parent=Smp_122680.1;Name=ddd4f08d-0d7f-440f-
a73b-202284f90c72
SM_V9_3 iris    exon    48084529        48084639        .       +
        .       Parent=Smp_122680.1;Name=c70d46d0-
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ab4b-46fa-81a6-4de5d118c263
SM_V9_3 iris    exon    48097423        48097527        .       +
        .
Parent=Smp_122680.1;Name=fb8fce3c-418f-455c-8fc3-2e85b7f714f0
SM_V9_3 iris    exon    48098602        48098737        .       +
        .       Parent=Smp_122680.1;Name=1a1bfbac-8e69-40f5-b1a9-
a927c64d64bd
SM_V9_3 iris    exon    48101803        48101903        .       +
        .       Parent=Smp_122680.1;Name=1f5a73dc-
a6ff-41cc-8ed1-00403289223b
SM_V9_3 iris    exon    48102895        48103007        .       +
        .       Parent=Smp_122680.1;Name=ed5ee3a6-
c1bd-4a2a-8353-6004a5e4d905
SM_V9_3 iris    exon    48106086        48106164        .       +
        .
Parent=Smp_122680.1;Name=8e5426b1-9eb9-494f-93e3-51ecf967e019
SM_V9_3 iris    exon    48107888        48107930        .       +
        .       Parent=Smp_122680.1;Name=0d529f04-
dea4-4ec2-9c97-85ee9b57db04
SM_V9_3 iris    exon    48111135        48111197        .       +
        .       Parent=Smp_122680.1;Name=02659492-c079-4821-
b9ad-85fb46216212
SM_V9_3 iris    exon    48113735        48113809        .       +
        .       Parent=Smp_122680.1;Name=2fa0ea8a-
e1b0-4615-9169-82a0636f77d2
SM_V9_3 iris    exon    48117948        48118085        .       +
        .       Parent=Smp_122680.1;Name=00464406-
c1ad-4198-87cd-360040778c3a
SM_V9_3 iris    exon    48121452        48121554        .       +
        .       Parent=Smp_122680.1;Name=9d71173f-d635-41f2-962a-
ee097c30d095
SM_V9_3 iris    exon    48124103        48124539        .       +
        .       Parent=Smp_122680.1;Name=78ee1a89-
fe3f-4bac-98d8-787a8621e9d1
SM_V9_3 iris    exon    48127767        48127782        .       +
        .
Parent=Smp_122680.1;Name=fd034858-1ec6-4bf9-8db0-4d0914b2947b
SM_V9_3 iris    exon    48133100        48133465        .       +
        .       Parent=Smp_122680.1;Name=5133d5c3-8ace-4f73-
af1b-962b87284216
SM_V9_3 iris    exon    48134863        48135142        .       +
        .       Parent=Smp_122680.1;Name=2ac8f235-8240-4fdf-a967-
d431de828892
SM_V9_3 iris    exon    48135779        48136393        .       +
        .       Parent=Smp_122680.1;Name=f59c0e06-b7f9-4b98-b2a2-
a48144522ed7
SM_V9_3 iris    CDS     48058510        48058666        .       +
        0       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48071729        48071821        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48071877        48071974        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48077065        48077133        .       +
        0       Parent=Smp_122680.1
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SM_V9_3 iris    CDS     48083184        48083276        .       +
        0       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48084529        48084639        .       +
        0       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48097423        48097527        .       +
        0       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48098602        48098737        .       +
        0       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48101803        48101903        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48102895        48103007        .       +
        0       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48106086        48106164        .       +
        1       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48107888        48107930        .       +
        0       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48111135        48111197        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48113735        48113809        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48117948        48118085        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48121452        48121554        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48124103        48124539        .       +
        1       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48127767        48127782        .       +
        2       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48133100        48133465        .       +
        1       Parent=Smp_122680.1
SM_V9_3 iris    CDS     48134863        48135112        .       +
        1       Parent=Smp_122680.1
SM_V9_3 Liftoff gene    48149714        48153307        .       +
        .       ID=Smp_001120;geneID=Smp_001120
SM_V9_3 Liftoff mRNA    48149714        48153307        .       +
        .
ID=Smp_001120.1;Parent=Smp_001120;geneID=Smp_001120;product=39S
ribosomal protein L50,
mitochondrial;polypeptide_domain=InterPro:IPR018305
Pfam:PF10501;Ontology_term=GO:0005739
SM_V9_3 Liftoff exon    48149714        48149758        .       +
        .       Parent=Smp_001120.1
SM_V9_3 Liftoff exon    48150669        48150778        .       +
        .       Parent=Smp_001120.1
SM_V9_3 Liftoff exon    48150842        48150995        .       +
        .       Parent=Smp_001120.1
SM_V9_3 Liftoff exon    48152853        48153307        .       +
        .       Parent=Smp_001120.1
SM_V9_3 Liftoff CDS     48149735        48149758        .       +
        0       Parent=Smp_001120.1
SM_V9_3 Liftoff CDS     48150669        48150778        .       +
        0       Parent=Smp_001120.1
SM_V9_3 Liftoff CDS     48150842        48150995        .       +
        1       Parent=Smp_001120.1
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SM_V9_3 Liftoff CDS     48152853        48153200        .       +
        0       Parent=Smp_001120.1
SM_V9_3 iris    gene    48154604        48155633        .       +
        .
ID=Smp_326770;geneID=Smp_326770;gene_name=Smp_326770;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    48154604        48154969        .       +
        .
ID=Smp_326770.2;Parent=Smp_326770;geneID=Smp_326770;gene_name=Smp_32
6770;owner=irisadmin@local.host;orig_id=Smp_326770.1;date_last_modif
ied=2022-07-27;Name=Smp_326770.2;product=Envelope protein
F13;date_creation=2022-07-26
SM_V9_3 iris    exon    48154604        48154757        .       +
        .
Parent=Smp_326770.2;Name=629c4199-33e7-4cc5-875e-8e94aeccc33f
SM_V9_3 iris    exon    48154793        48154969        .       +
        .       Parent=Smp_326770.2;Name=045de3f5-
c82a-4985-9f6c-963007de0869
SM_V9_3 iris    CDS     48154666        48154757        .       +
        0       Parent=Smp_326770.2
SM_V9_3 iris    CDS     48154793        48154946        .       +
        1       Parent=Smp_326770.2
SM_V9_3 iris    mRNA    48154604        48155633        .       +
        .
ID=Smp_326770.1;Parent=Smp_326770;geneID=Smp_326770;gene_name=Smp_32
6770;owner=irisadmin@local.host;orig_id=Smp_326770.2;date_last_modif
ied=2022-07-27;Name=Smp_326770.1;product=Movement and silencing
protein TGBp1;date_creation=2022-07-26
SM_V9_3 iris    exon    48154604        48154757        .       +
        .       Parent=Smp_326770.1;Name=47af4031-85d0-4516-
bd26-3712f5859d71
SM_V9_3 iris    exon    48155427        48155633        .       +
        .       Parent=Smp_326770.1;Name=81f8f221-a482-43e3-a4a8-
f52b47dda78f
SM_V9_3 iris    CDS     48154666        48154757        .       +
        0       Parent=Smp_326770.1
SM_V9_3 iris    CDS     48155427        48155454        .       +
        1       Parent=Smp_326770.1
SM_V9_3 Liftoff gene    48159945        48251510        .       -
        .       ID=Smp_001100;geneID=Smp_001100
SM_V9_3 Liftoff mRNA    48159945        48251510        .       -
        .
ID=Smp_001100.1;Parent=Smp_001100;geneID=Smp_001100;product=Fibrilli
n-3;polypeptide_domain=InterPro:IPR000152,IPR000742,IPR001881,IPR009
030,IPR013032,IPR017878,IPR018097
Pfam:PF00008,PF12661;Ontology_term=GO:0005509
SM_V9_3 Liftoff exon    48159945        48160565        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48169995        48170180        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48171078        48171167        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48178136        48178351        .       -
        .       Parent=Smp_001100.1
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SM_V9_3 Liftoff exon    48184520        48184600        .       -
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SM_V9_3 Liftoff exon    48189458        48189595        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48190817        48190957        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48192674        48192805        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48195717        48195866        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48206159        48206281        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48207405        48207466        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48209366        48209435        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48211109        48211321        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48213189        48213278        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48221282        48221425        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48232748        48232827        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff exon    48251118        48251510        .       -
        .       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48160486        48160565        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48169995        48170180        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48171078        48171167        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48178136        48178351        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48184520        48184600        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48189458        48189595        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48190817        48190957        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48192674        48192805        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48195717        48195866        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48206159        48206281        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48207405        48207466        .       -
        1       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48209366        48209435        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48211109        48211321        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48213189        48213278        .       -
        2       Parent=Smp_001100.1
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SM_V9_3 Liftoff CDS     48221282        48221425        .       -
        2       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48232748        48232827        .       -
        1       Parent=Smp_001100.1
SM_V9_3 Liftoff CDS     48251118        48251194        .       -
        0       Parent=Smp_001100.1
SM_V9_3 iris    gene    48266175        48290749        .       -
        .
ID=Smp_001095;geneID=Smp_001095;gene_name=Smp_001095;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_3 iris    mRNA    48266175        48290749        .       -
        .
ID=Smp_001095.1;Parent=Smp_001095;geneID=Smp_001095;gene_name=Smp_00
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ied=2022-11-13;Name=Smp_001095.1;product=Tudor domain-containing
protein 3;date_creation=2022-11-13
SM_V9_3 iris    exon    48266175        48266705        .       -
        .       Parent=Smp_001095.1;Name=09e99a81-
feee-4efd-9bda-1ef1c0535b68
SM_V9_3 iris    exon    48268258        48268657        .       -
        .       Parent=Smp_001095.1;Name=6fe1b6f1-6666-492f-
ac49-42e312e09bbf
SM_V9_3 iris    exon    48270908        48271226        .       -
        .       Parent=Smp_001095.1;Name=fa31b9bf-bb48-4246-
a477-8741e551c829
SM_V9_3 iris    exon    48274272        48274530        .       -
        .       Parent=Smp_001095.1;Name=22e9b5fb-2ef3-4c4e-be1f-
dda52e892143
SM_V9_3 iris    exon    48277290        48277431        .       -
        .       Parent=Smp_001095.1;Name=801a0671-c0b2-418e-
b172-1faa463df985
SM_V9_3 iris    exon    48279722        48279863        .       -
        .
Parent=Smp_001095.1;Name=69ab05c7-1fdd-46a9-93a0-78fb7642353b
SM_V9_3 iris    exon    48281713        48281897        .       -
        .       Parent=Smp_001095.1;Name=228bcc41-04a4-4ba1-80d3-
fc93adef99b9
SM_V9_3 iris    exon    48283910        48283966        .       -
        .       Parent=Smp_001095.1;Name=674538f8-e25c-41af-ad48-
be74e54a1fa3
SM_V9_3 iris    exon    48287319        48287403        .       -
        .       Parent=Smp_001095.1;Name=199032ab-8ee1-4b6d-
a903-06a9fdbd9886
SM_V9_3 iris    exon    48290718        48290749        .       -
        .       Parent=Smp_001095.1;Name=5bc3126f-4d8c-4bda-9015-
cc1feb334b63
SM_V9_3 iris    CDS     48266413        48266705        .       -
        2       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48268258        48268657        .       -
        0       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48270908        48271226        .       -
        1       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48274272        48274530        .       -
        2       Parent=Smp_001095.1
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SM_V9_3 iris    CDS     48277290        48277431        .       -
        0       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48279722        48279863        .       -
        1       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48281713        48281897        .       -
        0       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48283910        48283966        .       -
        0       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48287319        48287403        .       -
        1       Parent=Smp_001095.1
SM_V9_3 iris    CDS     48290718        48290749        .       -
        0       Parent=Smp_001095.1
SM_V9_3 Liftoff gene    48290837        48329340        .       -
        .       ID=Smp_001090;geneID=Smp_001090
SM_V9_3 Liftoff mRNA    48290837        48329340        .       -
        .
ID=Smp_001090.1;Parent=Smp_001090;geneID=Smp_001090;product=Nuclear
pore complex protein Nup107;polypeptide_domain=InterPro:IPR007252
Pfam:PF04121;Ontology_term=GO:0005643,GO:0006810
SM_V9_3 Liftoff exon    48290837        48291150        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48292731        48293168        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48294915        48295115        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48297411        48297539        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48299456        48299880        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48301923        48302061        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48308292        48308488        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48309976        48310330        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48312463        48312648        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48314413        48314643        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48316136        48316249        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48317378        48317450        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48319250        48319341        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48321616        48321687        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48324101        48324233        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48324274        48324421        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48324467        48324530        .       -
        .       Parent=Smp_001090.1
SM_V9_3 Liftoff exon    48324574        48329340        .       -
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        .       Parent=Smp_001090.1
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SM_V9_3 Liftoff CDS     48292731        48293168        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48294915        48295115        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48297411        48297539        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48299456        48299880        .       -
        2       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48301923        48302061        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48308292        48308488        .       -
        2       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48309976        48310330        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48312463        48312648        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48314413        48314643        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48316136        48316249        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48317378        48317450        .       -
        1       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48319250        48319341        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48321616        48321687        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48324101        48324233        .       -
        1       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48324274        48324421        .       -
        2       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48324467        48324530        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff CDS     48324574        48324609        .       -
        0       Parent=Smp_001090.1
SM_V9_3 Liftoff gene    48342487        48343164        .       +
        .       ID=Smp_001080;geneID=Smp_001080
SM_V9_3 Liftoff mRNA    48342487        48343164        .       +
        .
ID=Smp_001080.1;Parent=Smp_001080;geneID=Smp_001080;product=RIIa
domain-containing protein 1
SM_V9_3 Liftoff exon    48342487        48342651        .       +
        .       Parent=Smp_001080.1
SM_V9_3 Liftoff exon    48342685        48342761        .       +
        .       Parent=Smp_001080.1
SM_V9_3 Liftoff exon    48342797        48342843        .       +
        .       Parent=Smp_001080.1
SM_V9_3 Liftoff exon    48342873        48343164        .       +
        .       Parent=Smp_001080.1
SM_V9_3 Liftoff CDS     48342523        48342651        .       +
        0       Parent=Smp_001080.1
SM_V9_3 Liftoff CDS     48342685        48342761        .       +
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        0       Parent=Smp_001080.1
SM_V9_3 Liftoff CDS     48342797        48342843        .       +
        1       Parent=Smp_001080.1
SM_V9_3 Liftoff CDS     48342873        48342997        .       +
        2       Parent=Smp_001080.1
SM_V9_3 iris    gene    48347891        48412933        .       -
        .
ID=Smp_001070;geneID=Smp_001070;gene_name=Smp_001070;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    48347891        48412933        .       -
        .
ID=Smp_001070.1;Parent=Smp_001070;geneID=Smp_001070;gene_name=Smp_00
1070;owner=irisadmin@local.host;orig_id=Smp_001070.1;date_last_modif
ied=2022-07-27;Name=Smp_001070.1;product=2-oxoglutarate receptor
1;date_creation=2022-07-26
SM_V9_3 iris    exon    48347891        48349193        .       -
        .       Parent=Smp_001070.1;Name=Smp_001070.1-CDS
SM_V9_3 iris    exon    48412019        48412933        .       -
        .       Parent=Smp_001070.1;Name=7bdebe4d-0d2b-4b69-bdbf-
b5000a41d540
SM_V9_3 iris    CDS     48348376        48349193        .       -
        2       Parent=Smp_001070.1
SM_V9_3 iris    CDS     48412019        48412748        .       -
        0       Parent=Smp_001070.1
SM_V9_3 iris    gene    48436567        48454574        .       +
        .
ID=Smp_122630;geneID=Smp_122630;gene_name=Smp_122630;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    48436567        48454574        .       +
        .
ID=Smp_122630.1;Parent=Smp_122630;geneID=Smp_122630;gene_name=Smp_12
2630;owner=irisadmin@local.host;orig_id=Smp_122630.1;date_last_modif
ied=2022-07-27;Name=Smp_122630.1;product=MEG-1;date_creation=2022-07
-26
SM_V9_3 iris    exon    48436567        48436717        .       +
        .       Parent=Smp_122630.1;Name=1bd51296-cb12-48d4-9154-
c3efdb3db6ac
SM_V9_3 iris    exon    48438524        48438540        .       +
        .       Parent=Smp_122630.1;Name=28f47ca3-2464-4841-bbc3-
aa20791c7cc8
SM_V9_3 iris    exon    48439751        48439789        .       +
        .       Parent=Smp_122630.1;Name=2ea8c045-c6f7-4c89-
b0ca-0e2c1bc3246c
SM_V9_3 iris    exon    48439883        48439933        .       +
        .       Parent=Smp_122630.1;Name=bd1ba037-6de7-4928-98ae-
b760940f4921
SM_V9_3 iris    exon    48442627        48442644        .       +
        .       Parent=Smp_122630.1;Name=2cf09b53-95aa-48b6-
b073-753dd047b810
SM_V9_3 iris    exon    48443096        48443113        .       +
        .       Parent=Smp_122630.1;Name=22f70e21-0cf9-4427-9bf9-
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SM_V9_3 iris    exon    48443940        48443960        .       +
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Parent=Smp_122630.1;Name=a4d54fbc-63df-42a2-9e63-46c35ba70baa
SM_V9_3 iris    exon    48445027        48445047        .       +
        .       Parent=Smp_122630.1;Name=2b756bf1-
b807-4a43-8d47-3ff91bd471e3
SM_V9_3 iris    exon    48445909        48445929        .       +
        .       Parent=Smp_122630.1;Name=e4d2eb46-5c6b-4442-
b019-6a0218197729
SM_V9_3 iris    exon    48447910        48447924        .       +
        .       Parent=Smp_122630.1;Name=0d2295e1-348d-402c-8637-
c526bdce10db
SM_V9_3 iris    exon    48450193        48450213        .       +
        .       Parent=Smp_122630.1;Name=851a6232-02c2-40fe-a5ae-
e23c2265cdbb
SM_V9_3 iris    exon    48450908        48450928        .       +
        .       Parent=Smp_122630.1;Name=363e0151-dfb9-4a24-bc92-
a2006b990397
SM_V9_3 iris    exon    48452152        48452202        .       +
        .       Parent=Smp_122630.1;Name=2b7a94ac-2db8-4a29-aa32-
f7ca20acff08
SM_V9_3 iris    exon    48452946        48452993        .       +
        .       Parent=Smp_122630.1;Name=c3465053-c828-495b-b1cd-
b22f13435c5f
SM_V9_3 iris    exon    48454523        48454574        .       +
        .       Parent=Smp_122630.1;Name=60383607-1591-4857-a4dd-
f68f27f928c9
SM_V9_3 iris    CDS     48436615        48436717        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48438524        48438540        .       +
        2       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48439751        48439789        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48439883        48439933        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48442627        48442644        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48443096        48443113        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48443940        48443960        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48445027        48445047        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48445909        48445929        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48447910        48447924        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48450193        48450213        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48450908        48450928        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48452152        48452202        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48452946        48452993        .       +
        0       Parent=Smp_122630.1
SM_V9_3 iris    CDS     48454523        48454525        .       +
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        0       Parent=Smp_122630.1
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        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    48465555        48489143        .       -
        .
ID=Smp_326790.1;Parent=Smp_326790;geneID=Smp_326790;gene_name=Smp_32
6790;owner=irisadmin@local.host;orig_id=Smp_326790.1;date_last_modif
ied=2022-07-27;Name=Smp_326790.1;product=MEG-1;date_creation=2022-07
-26
SM_V9_3 iris    exon    48465555        48465666        .       -
        .       Parent=Smp_326790.1;Name=0736a014-51bb-4e30-
b12c-676916addf12
SM_V9_3 iris    exon    48466757        48466804        .       -
        .
Parent=Smp_326790.1;Name=77a46ff7-8c14-4878-945e-849d4aaa4d28
SM_V9_3 iris    exon    48468200        48468253        .       -
        .       Parent=Smp_326790.1;Name=c31c3428-67fc-4e95-
b00b-718b3bb938ce
SM_V9_3 iris    exon    48470201        48470221        .       -
        .       Parent=Smp_326790.1;Name=b048d830-e713-497c-a962-
a0af97e2de0c
SM_V9_3 iris    exon    48471539        48471559        .       -
        .       Parent=Smp_326790.1;Name=d94dc3f5-a4da-4270-abc4-
e907eecc54a6
SM_V9_3 iris    exon    48473857        48473871        .       -
        .
Parent=Smp_326790.1;Name=0aade4ed-79e0-4265-8a24-4b8d9ac871bf
SM_V9_3 iris    exon    48478425        48478445        .       -
        .       Parent=Smp_326790.1;Name=87711480-8442-45e7-aee8-
d41b8de14cc4
SM_V9_3 iris    exon    48480516        48480536        .       -
        .       Parent=Smp_326790.1;Name=2db123b5-c2b8-4d4c-9d9b-
b77fe242d120
SM_V9_3 iris    exon    48481509        48481529        .       -
        .       Parent=Smp_326790.1;Name=e2015149-
c0a1-4f2e-8c5a-051e7ff1d42f
SM_V9_3 iris    exon    48482747        48482761        .       -
        .       Parent=Smp_326790.1;Name=650f505e-
b0bf-4553-94f2-23862cbd3d33
SM_V9_3 iris    exon    48483443        48483470        .       -
        .
Parent=Smp_326790.1;Name=bb1def37-32a7-4ad2-9ebd-8f4ebce295e5
SM_V9_3 iris    exon    48483584        48483594        .       -
        .       Parent=Smp_326790.1;Name=f4642c62-14a6-400d-
ad27-1301e4eeac4a
SM_V9_3 iris    exon    48484191        48484208        .       -
        .
Parent=Smp_326790.1;Name=42c397a9-7514-4465-9ac4-1ca28dbfd7eb
SM_V9_3 iris    exon    48484776        48484793        .       -
        .       Parent=Smp_326790.1;Name=5d4170a5-9ec7-4afa-
ab13-6558400fbc27
SM_V9_3 iris    exon    48485691        48485741        .       -
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Parent=Smp_326790.1;Name=d406bd2d-4243-4e9e-8332-6eede6d345e7
SM_V9_3 iris    exon    48485868        48485906        .       -
        .       Parent=Smp_326790.1;Name=6a062610-06df-443a-
bb72-4f84d291baee
SM_V9_3 iris    exon    48487149        48487165        .       -
        .       Parent=Smp_326790.1;Name=ef3e4666-
d249-41c3-8153-8e38e34a2a64
SM_V9_3 iris    exon    48488997        48489143        .       -
        .       Parent=Smp_326790.1;Name=b2b991c5-ca66-4e93-
ae64-891a1c2a041c
SM_V9_3 iris    CDS     48465628        48465666        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48466757        48466804        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48468200        48468253        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48470201        48470221        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48471539        48471559        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48473857        48473871        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48478425        48478445        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48480516        48480536        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48481509        48481529        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48482747        48482761        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48483443        48483470        .       -
        1       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48483584        48483594        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48484191        48484208        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48484776        48484793        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48485691        48485741        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48485868        48485906        .       -
        0       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48487149        48487165        .       -
        2       Parent=Smp_326790.1
SM_V9_3 iris    CDS     48488997        48489099        .       -
        0       Parent=Smp_326790.1
SM_V9_3 Liftoff gene    48492207        48513249        .       +
        .
ID=Smp_340040;geneID=Smp_340040;previous_systematic_id=Smp_001050
SM_V9_3 Liftoff mRNA    48492207        48513249        .       +
        .
ID=Smp_340040.1;Parent=Smp_340040;geneID=Smp_340040;product=Cyclic
nucleotide-binding domain-containing protein
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2;polypeptide_domain=InterPro:IPR000595,IPR014710,IPR018488,IPR01849
0 Pfam:PF00027
SM_V9_3 Liftoff exon    48492207        48493151        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48495653        48495720        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48498021        48498147        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48500451        48500629        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48500953        48501026        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48501975        48502063        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48503681        48503910        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48505584        48505773        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48509262        48509351        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48511924        48512067        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff exon    48513058        48513249        .       +
        .       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48492270        48493151        .       +
        0       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48495653        48495720        .       +
        0       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48498021        48498147        .       +
        1       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48500451        48500629        .       +
        0       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48500953        48501026        .       +
        1       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48501975        48502063        .       +
        2       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48503681        48503910        .       +
        0       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48505584        48505773        .       +
        1       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48509262        48509351        .       +
        0       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48511924        48512067        .       +
        0       Parent=Smp_340040.1
SM_V9_3 Liftoff CDS     48513058        48513180        .       +
        0       Parent=Smp_340040.1
SM_V9_3 Liftoff gene    48524240        48548576        .       +
        .       ID=Smp_001040;geneID=Smp_001040
SM_V9_3 Liftoff mRNA    48524240        48548576        .       +
        .
ID=Smp_001040.1;Parent=Smp_001040;geneID=Smp_001040;product=Kinesin
heavy
chain;polypeptide_domain=InterPro:IPR001752,IPR019821,IPR027417
Pfam:PF00225;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:00080
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17
SM_V9_3 Liftoff exon    48524240        48524500        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48524538        48524699        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48524733        48524837        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48524870        48524918        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48524953        48525008        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48525048        48525135        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48525945        48526174        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48526968        48527262        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48531321        48531485        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48533266        48533513        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48534769        48535056        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48538813        48539004        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48541151        48541443        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48543468        48543702        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48544962        48545282        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff exon    48546792        48548576        .       +
        .       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48524381        48524500        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48524538        48524699        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48524733        48524837        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48524870        48524918        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48524953        48525008        .       +
        2       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48525048        48525135        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48525945        48526174        .       +
        2       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48526968        48527262        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48531321        48531485        .       +
        2       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48533266        48533513        .       +
        2       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48534769        48535056        .       +
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        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48538813        48539004        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48541151        48541443        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48543468        48543702        .       +
        1       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48544962        48545282        .       +
        0       Parent=Smp_001040.1
SM_V9_3 Liftoff CDS     48546792        48547067        .       +
        0       Parent=Smp_001040.1
SM_V9_3 iris    gene    48575767        48621300        .       -
        .
ID=Smp_001030;geneID=Smp_001030;gene_name=Smp_001030;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    48575767        48621300        .       -
        .
ID=Smp_001030.1;Parent=Smp_001030;geneID=Smp_001030;gene_name=Smp_00
1030;owner=irisadmin@local.host;orig_id=Smp_001030.1;date_last_modif
ied=2022-07-27;Name=Smp_001030.1;product=5'-AMP-activated protein
kinase subunit gamma-1;date_creation=2022-07-26
SM_V9_3 iris    exon    48575767        48576591        .       -
        .       Parent=Smp_001030.1;Name=1f8cbdc2-
f189-4803-9ddd-61a765d8bb31
SM_V9_3 iris    exon    48578958        48579032        .       -
        .
Parent=Smp_001030.1;Name=dbc765fc-1823-48d6-9e1e-80ad75132d92
SM_V9_3 iris    exon    48591064        48591135        .       -
        .       Parent=Smp_001030.1;Name=cfd8c728-35ab-4d54-aa08-
dc805278e09e
SM_V9_3 iris    exon    48594785        48594988        .       -
        .       Parent=Smp_001030.1;Name=66546c3d-7ad8-4930-
ae89-014f5efc818d
SM_V9_3 iris    exon    48602748        48602926        .       -
        .       Parent=Smp_001030.1;Name=98019db9-f3f8-4c4b-816f-
a2c3722bf8c5
SM_V9_3 iris    exon    48615659        48615845        .       -
        .       Parent=Smp_001030.1;Name=e4a572fc-
f3b0-4cf4-9309-6fa124faafd0
SM_V9_3 iris    exon    48615939        48616039        .       -
        .       Parent=Smp_001030.1;Name=72060247-
f7df-460f-87c5-886a8a22a0b1
SM_V9_3 iris    exon    48617480        48617522        .       -
        .       Parent=Smp_001030.1;Name=c9ab132c-1d3e-43ad-a530-
d35248323a65
SM_V9_3 iris    exon    48621148        48621300        .       -
        .
Parent=Smp_001030.1;Name=ffb78a4a-2a88-4baf-9449-294d107d77e8
SM_V9_3 iris    CDS     48576478        48576591        .       -
        0       Parent=Smp_001030.1
SM_V9_3 iris    CDS     48578958        48579032        .       -
        0       Parent=Smp_001030.1
SM_V9_3 iris    CDS     48591064        48591135        .       -
        0       Parent=Smp_001030.1
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SM_V9_3 iris    CDS     48594785        48594988        .       -
        0       Parent=Smp_001030.1
SM_V9_3 iris    CDS     48602748        48602926        .       -
        2       Parent=Smp_001030.1
SM_V9_3 iris    CDS     48615659        48615845        .       -
        0       Parent=Smp_001030.1
SM_V9_3 iris    CDS     48615939        48616039        .       -
        2       Parent=Smp_001030.1
SM_V9_3 iris    CDS     48617480        48617522        .       -
        0       Parent=Smp_001030.1
SM_V9_3 iris    CDS     48621148        48621234        .       -
        0       Parent=Smp_001030.1
SM_V9_3 iris    gene    48632758        48653289        .       +
        .
ID=Smp_001020;geneID=Smp_001020;gene_name=Smp_001020;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    48632758        48653289        .       +
        .
ID=Smp_001020.1;Parent=Smp_001020;geneID=Smp_001020;gene_name=Smp_00
1020;owner=irisadmin@local.host;orig_id=Smp_001020.1;date_last_modif
ied=2022-07-27;Name=Smp_001020.1;product=Adenine DNA
glycosylase;date_creation=2022-07-26
SM_V9_3 iris    exon    48632758        48632802        .       +
        .       Parent=Smp_001020.1;Name=08b7b5f1-0266-4df9-a9c4-
df45b1441b2a
SM_V9_3 iris    exon    48632846        48632945        .       +
        .
Parent=Smp_001020.1;Name=b1406e90-64ae-4f2d-8719-796d085b09a3
SM_V9_3 iris    exon    48632997        48633033        .       +
        .       Parent=Smp_001020.1;Name=b9a65f8c-d1f5-4ade-
b8b0-31b3f8ccb6e0
SM_V9_3 iris    exon    48633088        48633161        .       +
        .
Parent=Smp_001020.1;Name=57737f52-73f8-456e-867c-7923b9484d7f
SM_V9_3 iris    exon    48633213        48633254        .       +
        .
Parent=Smp_001020.1;Name=9aac872e-9612-45ff-88c9-88afddef5bc6
SM_V9_3 iris    exon    48633303        48633374        .       +
        .
Parent=Smp_001020.1;Name=5ee533a1-4146-4180-8efe-4f91febc7830
SM_V9_3 iris    exon    48633428        48633541        .       +
        .       Parent=Smp_001020.1;Name=f6567111-ffbd-414a-9ae0-
fee35acf35ce
SM_V9_3 iris    exon    48636169        48636417        .       +
        .       Parent=Smp_001020.1;Name=6e3c159d-8d4b-464c-9b68-
a5791619aeda
SM_V9_3 iris    exon    48636660        48636742        .       +
        .       Parent=Smp_001020.1;Name=23c46a96-9f6c-4bb5-
ac34-2669cfada887
SM_V9_3 iris    exon    48641328        48641470        .       +
        .       Parent=Smp_001020.1;Name=6e76e986-d8c7-4fdd-8f45-
ae08bcc1a4db
SM_V9_3 iris    exon    48643100        48643275        .       +
        .       Parent=Smp_001020.1;Name=b00b9331-cc7c-4bfd-a18d-
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c78e91f96044
SM_V9_3 iris    exon    48645354        48645569        .       +
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d4c653ef0b4a
SM_V9_3 iris    exon    48646590        48646634        .       +
        .       Parent=Smp_001020.1;Name=e2585a70-ecf6-4e9f-9a0f-
d880bf6ce69b
SM_V9_3 iris    exon    48651678        48652162        .       +
        .
Parent=Smp_001020.1;Name=ba356c1d-6edd-4c2a-9ee8-91cdcde13005
SM_V9_3 iris    exon    48652806        48653289        .       +
        .
Parent=Smp_001020.1;Name=cfb542cd-6352-4947-9a9f-8adb451d9d3c
SM_V9_3 iris    CDS     48632798        48632802        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48632846        48632945        .       +
        1       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48632997        48633033        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48633088        48633161        .       +
        2       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48633213        48633254        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48633303        48633374        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48633428        48633541        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48636169        48636417        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48636660        48636742        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48641328        48641470        .       +
        1       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48643100        48643275        .       +
        2       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48645354        48645569        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48646590        48646634        .       +
        0       Parent=Smp_001020.1
SM_V9_3 iris    CDS     48651678        48651770        .       +
        0       Parent=Smp_001020.1
SM_V9_3 Liftoff gene    48664086        48664980        .       +
        .       ID=Smp_200240;geneID=Smp_200240
SM_V9_3 Liftoff mRNA    48664086        48664980        .       +
        .
ID=Smp_200240.1;Parent=Smp_200240;geneID=Smp_200240;product=Universa
l stress protein MSMEG_3950/
MSMEI_3859;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
SM_V9_3 Liftoff exon    48664086        48664980        .       +
        .       Parent=Smp_200240.1
SM_V9_3 Liftoff CDS     48664125        48664649        .       +
        0       Parent=Smp_200240.1
SM_V9_3 Liftoff gene    48686993        48687932        .       -
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        .       ID=Smp_001000;geneID=Smp_001000
SM_V9_3 Liftoff mRNA    48686993        48687932        .       -
        .
ID=Smp_001000.1;Parent=Smp_001000;geneID=Smp_001000;product=Universa
l stress protein MSMEG_3950/
MSMEI_3859;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
SM_V9_3 Liftoff exon    48686993        48687932        .       -
        .       Parent=Smp_001000.1
SM_V9_3 Liftoff CDS     48687369        48687893        .       -
        0       Parent=Smp_001000.1
SM_V9_3 iris    gene    48704689        48744563        .       -
        .
ID=Smp_000990;geneID=Smp_000990;gene_name=Smp_000990;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    48704689        48744563        .       -
        .
ID=Smp_000990.1;Parent=Smp_000990;geneID=Smp_000990;gene_name=Smp_00
0990;owner=irisadmin@local.host;orig_id=Smp_000990.1;date_last_modif
ied=2022-08-23;Name=Smp_000990.1;product=Exocyst complex component
1;date_creation=2022-08-23
SM_V9_3 iris    exon    48704689        48705263        .       -
        .
Parent=Smp_000990.1;Name=dfae9376-96f9-44f1-9c2c-85704b3b9ea2
SM_V9_3 iris    exon    48707202        48707273        .       -
        .
Parent=Smp_000990.1;Name=0fc2edd0-9d97-4a25-9872-37282fb9ce8c
SM_V9_3 iris    exon    48712104        48712226        .       -
        .
Parent=Smp_000990.1;Name=2464dafc-619c-47f4-91a9-47be97e04127
SM_V9_3 iris    exon    48714856        48715001        .       -
        .
Parent=Smp_000990.1;Name=9b598310-7cfd-425d-9b42-07fb8ffb4d0e
SM_V9_3 iris    exon    48717057        48717294        .       -
        .       Parent=Smp_000990.1;Name=93febafe-730d-43fd-ad86-
aa9a50038a93
SM_V9_3 iris    exon    48718394        48718801        .       -
        .       Parent=Smp_000990.1;Name=4102a531-
cc7f-49d7-97e8-389bf6bfc1ab
SM_V9_3 iris    exon    48720969        48721076        .       -
        .
Parent=Smp_000990.1;Name=90c95d28-9b22-4ebb-83da-246914f05a7c
SM_V9_3 iris    exon    48721620        48721717        .       -
        .
Parent=Smp_000990.1;Name=39e75fd8-92f6-4956-8b54-8b67d423df64
SM_V9_3 iris    exon    48723341        48723440        .       -
        .       Parent=Smp_000990.1;Name=b45d6726-2558-4ad1-9aff-
ca3f14b5c431
SM_V9_3 iris    exon    48724588        48724946        .       -
        .       Parent=Smp_000990.1;Name=f7bdfe31-29fc-4b8a-
bacb-90cb97e75197
SM_V9_3 iris    exon    48735732        48735966        .       -
        .
Parent=Smp_000990.1;Name=3bb906aa-956a-463a-9994-10429129fe9d
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SM_V9_3 iris    exon    48737421        48737546        .       -
        .       Parent=Smp_000990.1;Name=1fa303d1-5fac-406c-
b4b6-164a3259b9ce
SM_V9_3 iris    exon    48738358        48738605        .       -
        .       Parent=Smp_000990.1;Name=06f49b1d-9e42-4a9e-a999-
ce6252136270
SM_V9_3 iris    exon    48739801        48739975        .       -
        .       Parent=Smp_000990.1;Name=d1bf9e1f-b8ac-44ca-
adab-3a60772b18b7
SM_V9_3 iris    exon    48743881        48744047        .       -
        .
Parent=Smp_000990.1;Name=3c73811e-68ad-48f9-94f0-0842c3984c11
SM_V9_3 iris    exon    48744084        48744325        .       -
        .
Parent=Smp_000990.1;Name=b842f062-5408-41fa-83a5-918173d125e0
SM_V9_3 iris    exon    48744374        48744563        .       -
        .       Parent=Smp_000990.1;Name=ae76803d-f319-4c9d-
b791-451f0a8423a2
SM_V9_3 iris    CDS     48705111        48705263        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48707202        48707273        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48712104        48712226        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48714856        48715001        .       -
        2       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48717057        48717294        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48718394        48718801        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48720969        48721076        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48721620        48721717        .       -
        2       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48723341        48723440        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48724588        48724946        .       -
        2       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48735732        48735966        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48737421        48737546        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48738358        48738605        .       -
        2       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48739801        48739975        .       -
        0       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48743881        48744047        .       -
        2       Parent=Smp_000990.1
SM_V9_3 iris    CDS     48744084        48744210        .       -
        0       Parent=Smp_000990.1
SM_V9_3 Liftoff gene    48744737        48746041        .       +
        .       ID=Smp_000980;geneID=Smp_000980
SM_V9_3 Liftoff mRNA    48744737        48746041        .       +
        .
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ID=Smp_000980.1;Parent=Smp_000980;geneID=Smp_000980;product=High
mobility group protein DSP1;polypeptide_domain=InterPro:IPR009071
Pfam:PF00505,PF09011
SM_V9_3 Liftoff exon    48744737        48745098        .       +
        .       Parent=Smp_000980.1
SM_V9_3 Liftoff exon    48745143        48745469        .       +
        .       Parent=Smp_000980.1
SM_V9_3 Liftoff exon    48745562        48746041        .       +
        .       Parent=Smp_000980.1
SM_V9_3 Liftoff CDS     48744946        48745098        .       +
        0       Parent=Smp_000980.1
SM_V9_3 Liftoff CDS     48745143        48745469        .       +
        0       Parent=Smp_000980.1
SM_V9_3 Liftoff CDS     48745562        48745762        .       +
        0       Parent=Smp_000980.1
SM_V9_3 iris    gene    48803940        48807032        .       +
        .
ID=Smp_000950;geneID=Smp_000950;gene_name=Smp_000950;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-23
SM_V9_3 iris    mRNA    48803940        48807032        .       +
        .
ID=Smp_000950.1;Parent=Smp_000950;geneID=Smp_000950;gene_name=Smp_00
0950;owner=irisadmin@local.host;orig_id=Smp_000950.1;date_last_modif
ied=2022-08-23;Name=Smp_000950.1;product=Putative
nucleotidyltransferase MAB21L1;date_creation=2022-08-23
SM_V9_3 iris    exon    48803940        48807032        .       +
        .
Parent=Smp_000950.1;Name=a63a0650-9c44-4ac1-87a4-556e6e127292
SM_V9_3 iris    CDS     48804768        48806459        .       +
        0       Parent=Smp_000950.1
SM_V9_3 Liftoff gene    48823204        48861903        .       -
        .
ID=Smp_341890;geneID=Smp_341890;previous_systematic_id=Smp_000920,Sm
p_122550
SM_V9_3 Liftoff mRNA    48823204        48861903        .       -
        .
ID=Smp_341890.1;Parent=Smp_341890;geneID=Smp_341890;product=GTP-
binding protein 2;polypeptide_domain=InterPro:IPR000795,IPR027417
Pfam:PF00009;Ontology_term=GO:0003924,GO:0005525
SM_V9_3 Liftoff exon    48823204        48825183        .       -
        .       Parent=Smp_341890.1
SM_V9_3 Liftoff exon    48832354        48833157        .       -
        .       Parent=Smp_341890.1
SM_V9_3 Liftoff exon    48835156        48835585        .       -
        .       Parent=Smp_341890.1
SM_V9_3 Liftoff exon    48839021        48839406        .       -
        .       Parent=Smp_341890.1
SM_V9_3 Liftoff exon    48844832        48845083        .       -
        .       Parent=Smp_341890.1
SM_V9_3 Liftoff exon    48859120        48859428        .       -
        .       Parent=Smp_341890.1
SM_V9_3 Liftoff exon    48861396        48861903        .       -
        .       Parent=Smp_341890.1
SM_V9_3 Liftoff CDS     48824365        48825183        .       -
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        0       Parent=Smp_341890.1
SM_V9_3 Liftoff CDS     48832354        48833157        .       -
        0       Parent=Smp_341890.1
SM_V9_3 Liftoff CDS     48835156        48835585        .       -
        1       Parent=Smp_341890.1
SM_V9_3 Liftoff CDS     48839021        48839406        .       -
        0       Parent=Smp_341890.1
SM_V9_3 Liftoff CDS     48844832        48845083        .       -
        0       Parent=Smp_341890.1
SM_V9_3 Liftoff CDS     48859120        48859428        .       -
        0       Parent=Smp_341890.1
SM_V9_3 Liftoff CDS     48861396        48861707        .       -
        0       Parent=Smp_341890.1
SM_V9_3 Liftoff gene    48866789        48896593        .       -
        .       ID=Smp_000910;geneID=Smp_000910
SM_V9_3 Liftoff mRNA    48866789        48896593        .       -
        .
ID=Smp_000910.1;Parent=Smp_000910;geneID=Smp_000910;product=Axonemal
84 kDa protein;polypeptide_domain=InterPro:IPR023247,IPR031826
Pfam:PF15927
SM_V9_3 Liftoff exon    48866789        48867026        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48867498        48867599        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48868970        48869125        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48871074        48871110        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48871178        48871557        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48875493        48875690        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48878028        48878217        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48882950        48883034        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48886169        48886372        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48887787        48887880        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48890999        48891087        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48891128        48891282        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48892170        48892285        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48892323        48892403        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48892444        48892584        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48892629        48892733        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48896341        48896432        .       -
        .       Parent=Smp_000910.1
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SM_V9_3 Liftoff exon    48896465        48896519        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff exon    48896554        48896593        .       -
        .       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48866889        48867026        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48867498        48867599        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48868970        48869125        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48871074        48871110        .       -
        1       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48871178        48871557        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48875493        48875690        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48878028        48878217        .       -
        1       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48882950        48883034        .       -
        2       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48886169        48886372        .       -
        2       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48887787        48887880        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48890999        48891087        .       -
        2       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48891128        48891282        .       -
        1       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48892170        48892285        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48892323        48892403        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48892444        48892584        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48892629        48892733        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48896341        48896432        .       -
        2       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48896465        48896519        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff CDS     48896554        48896556        .       -
        0       Parent=Smp_000910.1
SM_V9_3 Liftoff gene    48980791        48982893        .       -
        .       ID=Smp_000900;geneID=Smp_000900
SM_V9_3 Liftoff mRNA    48980791        48982893        .       -
        .
ID=Smp_000900.1;Parent=Smp_000900;geneID=Smp_000900;product=Cholecys
tokinin receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_3 Liftoff exon    48980791        48982893        .       -
        .       Parent=Smp_000900.1
SM_V9_3 Liftoff CDS     48981260        48982825        .       -
        0       Parent=Smp_000900.1
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SM_V9_3 Liftoff gene    49073465        49085133        .       -
        .
ID=Smp_340030;geneID=Smp_340030;previous_systematic_id=Smp_000890
SM_V9_3 Liftoff mRNA    49073465        49085133        .       -
        .
ID=Smp_340030.1;Parent=Smp_340030;geneID=Smp_340030;product=Nucleopo
rin NUP53;polypeptide_domain=InterPro:IPR000504,IPR007846
Pfam:PF05172;Ontology_term=GO:0003676
SM_V9_3 Liftoff exon    49073465        49073783        .       -
        .       Parent=Smp_340030.1
SM_V9_3 Liftoff exon    49074844        49075200        .       -
        .       Parent=Smp_340030.1
SM_V9_3 Liftoff exon    49077617        49077745        .       -
        .       Parent=Smp_340030.1
SM_V9_3 Liftoff exon    49079177        49079246        .       -
        .       Parent=Smp_340030.1
SM_V9_3 Liftoff exon    49080919        49080972        .       -
        .       Parent=Smp_340030.1
SM_V9_3 Liftoff exon    49081976        49082394        .       -
        .       Parent=Smp_340030.1
SM_V9_3 Liftoff exon    49083726        49085133        .       -
        .       Parent=Smp_340030.1
SM_V9_3 Liftoff CDS     49073718        49073783        .       -
        0       Parent=Smp_340030.1
SM_V9_3 Liftoff CDS     49074844        49075200        .       -
        0       Parent=Smp_340030.1
SM_V9_3 Liftoff CDS     49077617        49077745        .       -
        0       Parent=Smp_340030.1
SM_V9_3 Liftoff CDS     49079177        49079246        .       -
        1       Parent=Smp_340030.1
SM_V9_3 Liftoff CDS     49080919        49080972        .       -
        1       Parent=Smp_340030.1
SM_V9_3 Liftoff CDS     49081976        49082394        .       -
        0       Parent=Smp_340030.1
SM_V9_3 Liftoff CDS     49083726        49083953        .       -
        0       Parent=Smp_340030.1
SM_V9_3 Liftoff gene    49098457        49099111        .       +
        .       ID=Smp_000880;geneID=Smp_000880
SM_V9_3 Liftoff mRNA    49098457        49099111        .       +
        .
ID=Smp_000880.1;Parent=Smp_000880;geneID=Smp_000880;product=ATP
synthase lipid-binding protein-like
protein;polypeptide_domain=InterPro:IPR000454,IPR002379,IPR020537
Pfam:PF00137;Ontology_term=GO:0015078,GO:0015986,GO:0015991,GO:00331
77,GO:0045263
SM_V9_3 Liftoff exon    49098457        49099111        .       +
        .       Parent=Smp_000880.1
SM_V9_3 Liftoff CDS     49098603        49098968        .       +
        0       Parent=Smp_000880.1
SM_V9_3 iris    gene    49118560        49160757        .       -
        .
ID=Smp_000870;geneID=Smp_000870;gene_name=Smp_000870;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    49118560        49160757        .       -
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        .
ID=Smp_000870.1;Parent=Smp_000870;geneID=Smp_000870;gene_name=Smp_00
0870;owner=irisadmin@local.host;orig_id=Smp_000870.4;date_last_modif
ied=2022-07-27;Name=Smp_000870.1;product=FYVE, RhoGEF and PH domain-
containing protein 4;date_creation=2022-07-26
SM_V9_3 iris    exon    49118560        49119318        .       -
        .       Parent=Smp_000870.1;Name=23e40c9b-9df0-4611-a882-
ba6b0066cf35
SM_V9_3 iris    exon    49121907        49122931        .       -
        .
Parent=Smp_000870.1;Name=80608439-6b25-445e-8830-1521e6ff3482
SM_V9_3 iris    exon    49125201        49125209        .       -
        .       Parent=Smp_000870.1;Name=135de261-c1f7-4b5c-
a4dd-6b6570da8faf
SM_V9_3 iris    exon    49130801        49130956        .       -
        .
Parent=Smp_000870.1;Name=c5da1df1-334f-4ad5-951f-6662662401ec
SM_V9_3 iris    exon    49140519        49140656        .       -
        .       Parent=Smp_000870.1;Name=c2514c6d-2ab0-4412-
ae2a-8453bedb9983
SM_V9_3 iris    exon    49145945        49146038        .       -
        .       Parent=Smp_000870.1;Name=27514b5d-be17-479e-a484-
fb64021eb345
SM_V9_3 iris    exon    49155252        49155340        .       -
        .       Parent=Smp_000870.1;Name=c2418445-eafe-4dd1-a9f4-
acbb3cf805af
SM_V9_3 iris    exon    49156895        49156981        .       -
        .       Parent=Smp_000870.1;Name=4a6339ff-c2c4-40d9-bd69-
ef5f98c4826e
SM_V9_3 iris    exon    49157917        49158069        .       -
        .       Parent=Smp_000870.1;Name=da960aa8-49d6-44ef-93e3-
b9d6a620ba72
SM_V9_3 iris    exon    49158567        49158625        .       -
        .       Parent=Smp_000870.1;Name=8d3553ca-1ab0-4eed-
b0ed-05e8f077bb8b
SM_V9_3 iris    exon    49158670        49158720        .       -
        .       Parent=Smp_000870.1;Name=4f454bb3-f057-4dc3-
ba86-43b78460349f
SM_V9_3 iris    exon    49158765        49158861        .       -
        .       Parent=Smp_000870.1;Name=d61eb025-
bc4b-40c7-951a-66c9e218c095
SM_V9_3 iris    exon    49159858        49160148        .       -
        .       Parent=Smp_000870.1;Name=677fcc18-862d-45ef-
b067-96e3f99d55b8
SM_V9_3 iris    exon    49160188        49160600        .       -
        .       Parent=Smp_000870.1;Name=3f035aff-103b-4c85-bb2f-
ee7776a410f8
SM_V9_3 iris    exon    49160654        49160757        .       -
        .
Parent=Smp_000870.1;Name=23762518-2298-489d-8e97-0ce86861e71e
SM_V9_3 iris    CDS     49119258        49119318        .       -
        1       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49121907        49122931        .       -
        0       Parent=Smp_000870.1
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SM_V9_3 iris    CDS     49125201        49125209        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49130801        49130956        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49140519        49140656        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49145945        49146038        .       -
        1       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49155252        49155340        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49156895        49156981        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49157917        49158069        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49158567        49158625        .       -
        2       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49158670        49158720        .       -
        2       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49158765        49158861        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49159858        49160148        .       -
        0       Parent=Smp_000870.1
SM_V9_3 iris    CDS     49160188        49160544        .       -
        0       Parent=Smp_000870.1
SM_V9_3 Liftoff gene    49175156        49185264        .       +
        .       ID=Smp_000850;geneID=Smp_000850
SM_V9_3 Liftoff mRNA    49175156        49185264        .       +
        .
ID=Smp_000850.1;Parent=Smp_000850;geneID=Smp_000850;product=DnaJ
homolog subfamily C member
5;polypeptide_domain=InterPro:IPR001623,IPR018253 Pfam:PF00226
SM_V9_3 Liftoff exon    49175156        49175268        .       +
        .       Parent=Smp_000850.1
SM_V9_3 Liftoff exon    49175304        49175385        .       +
        .       Parent=Smp_000850.1
SM_V9_3 Liftoff exon    49175417        49175473        .       +
        .       Parent=Smp_000850.1
SM_V9_3 Liftoff exon    49175509        49175661        .       +
        .       Parent=Smp_000850.1
SM_V9_3 Liftoff exon    49181138        49181251        .       +
        .       Parent=Smp_000850.1
SM_V9_3 Liftoff exon    49184386        49185264        .       +
        .       Parent=Smp_000850.1
SM_V9_3 Liftoff CDS     49175210        49175268        .       +
        0       Parent=Smp_000850.1
SM_V9_3 Liftoff CDS     49175304        49175385        .       +
        1       Parent=Smp_000850.1
SM_V9_3 Liftoff CDS     49175417        49175473        .       +
        0       Parent=Smp_000850.1
SM_V9_3 Liftoff CDS     49175509        49175661        .       +
        0       Parent=Smp_000850.1
SM_V9_3 Liftoff CDS     49181138        49181251        .       +
        0       Parent=Smp_000850.1
SM_V9_3 Liftoff CDS     49184386        49184520        .       +
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        0       Parent=Smp_000850.1
SM_V9_3 iris    gene    49224553        49241153        .       -
        .
ID=Smp_326800;geneID=Smp_326800;gene_name=Smp_326800;owner=irisadmin
@local.host;date_last_modified=2022-09-08;date_creation=2022-09-08
SM_V9_3 iris    mRNA    49224553        49241153        .       -
        .
ID=Smp_326800.1;Parent=Smp_326800;geneID=Smp_326800;gene_name=Smp_32
6800;owner=irisadmin@local.host;orig_id=Smp_326800.1;date_last_modif
ied=2022-09-08;Name=Smp_326800.1;product=Uncharacterized fimbrial
chaperone YhcA;date_creation=2022-09-08
SM_V9_3 iris    exon    49224553        49224885        .       -
        .       Parent=Smp_326800.1;Name=7dd7d7a4-5e67-4402-
bcf1-099d4c021021
SM_V9_3 iris    exon    49240892        49241153        .       -
        .       Parent=Smp_326800.1;Name=ab9f17f7-774d-4ebf-a92e-
fe3c23205771
SM_V9_3 iris    CDS     49224662        49224811        .       -
        0       Parent=Smp_326800.1
SM_V9_3 Liftoff gene    49232987        49256736        .       +
        .       ID=Smp_000830;geneID=Smp_000830
SM_V9_3 Liftoff mRNA    49232987        49256736        .       +
        .
ID=Smp_000830.1;Parent=Smp_000830;geneID=Smp_000830;product=homeobox
protein smox-3;evidence=Traceable Author
Statement;literature=PMID:1356008;polypeptide_domain=InterPro:IPR001
356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_3 Liftoff exon    49232987        49234624        .       +
        .       Parent=Smp_000830.1
SM_V9_3 Liftoff exon    49252583        49253136        .       +
        .       Parent=Smp_000830.1
SM_V9_3 Liftoff exon    49255833        49256736        .       +
        .       Parent=Smp_000830.1
SM_V9_3 Liftoff CDS     49233205        49234624        .       +
        0       Parent=Smp_000830.1
SM_V9_3 Liftoff CDS     49252583        49253136        .       +
        2       Parent=Smp_000830.1
SM_V9_3 Liftoff CDS     49255833        49256564        .       +
        0       Parent=Smp_000830.1
SM_V9_3 Liftoff gene    49265857        49266642        .       +
        .       ID=Smp_326810;geneID=Smp_326810
SM_V9_3 Liftoff mRNA    49265857        49266642        .       +
        .
ID=Smp_326810.1;Parent=Smp_326810;geneID=Smp_326810;product=Zinc
finger CCCH domain-containing protein 7B
SM_V9_3 Liftoff exon    49265857        49266642        .       +
        .       Parent=Smp_326810.1
SM_V9_3 Liftoff CDS     49265991        49266479        .       +
        0       Parent=Smp_326810.1
SM_V9_3 Liftoff gene    49272775        49273492        .       +
        .       ID=Smp_000820;geneID=Smp_000820
SM_V9_3 Liftoff mRNA    49272775        49273492        .       +
        .
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ID=Smp_000820.1;Parent=Smp_000820;geneID=Smp_000820;product=DNA
polymerase alpha catalytic subunit
SM_V9_3 Liftoff exon    49272775        49273492        .       +
        .       Parent=Smp_000820.1
SM_V9_3 Liftoff CDS     49272862        49273239        .       +
        0       Parent=Smp_000820.1
SM_V9_3 Liftoff mRNA    49272775        49273492        .       +
        .
ID=Smp_000820.2;Parent=Smp_000820;geneID=Smp_000820;product=UPF0753
protein Nham_4323
SM_V9_3 Liftoff exon    49272775        49273101        .       +
        .       Parent=Smp_000820.2
SM_V9_3 Liftoff exon    49273134        49273492        .       +
        .       Parent=Smp_000820.2
SM_V9_3 Liftoff CDS     49272862        49273101        .       +
        0       Parent=Smp_000820.2
SM_V9_3 Liftoff CDS     49273134        49273166        .       +
        0       Parent=Smp_000820.2
SM_V9_3 Liftoff gene    49280905        49281538        .       +
        .       ID=Smp_114660;geneID=Smp_114660
SM_V9_3 Liftoff mRNA    49280905        49281538        .       +
        .
ID=Smp_114660.1;Parent=Smp_114660;geneID=Smp_114660;product=Elongato
r complex protein 1
SM_V9_3 Liftoff exon    49280905        49281538        .       +
        .       Parent=Smp_114660.1
SM_V9_3 Liftoff CDS     49280932        49281264        .       +
        0       Parent=Smp_114660.1
SM_V9_3 Liftoff gene    49283172        49303831        .       -
        .       ID=Smp_122500;geneID=Smp_122500
SM_V9_3 Liftoff mRNA    49283172        49303831        .       -
        .
ID=Smp_122500.1;Parent=Smp_122500;geneID=Smp_122500;product=NADH-
ubiquinone oxidoreductase chain 5
SM_V9_3 Liftoff exon    49283172        49283372        .       -
        .       Parent=Smp_122500.1
SM_V9_3 Liftoff exon    49285372        49285417        .       -
        .       Parent=Smp_122500.1
SM_V9_3 Liftoff exon    49286868        49303831        .       -
        .       Parent=Smp_122500.1
SM_V9_3 Liftoff CDS     49283323        49283372        .       -
        2       Parent=Smp_122500.1
SM_V9_3 Liftoff CDS     49285372        49285417        .       -
        0       Parent=Smp_122500.1
SM_V9_3 Liftoff CDS     49286868        49287134        .       -
        0       Parent=Smp_122500.1
SM_V9_3 iris    gene    49315895        49320694        .       +
        .
ID=Smp_000810;geneID=Smp_000810;gene_name=Smp_000810;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    49315895        49320694        .       +
        .
ID=Smp_000810.1;Parent=Smp_000810;geneID=Smp_000810;gene_name=Smp_00
0810;owner=irisadmin@local.host;orig_id=Smp_000810.1;date_last_modif
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ied=2022-07-27;Name=Smp_000810.1;product=Putative deoxyribonuclease
TATDN1;date_creation=2022-07-26
SM_V9_3 iris    exon    49315895        49315993        .       +
        .       Parent=Smp_000810.1;Name=72125c1f-b9e6-4632-8c93-
cc5c6cc6cb37
SM_V9_3 iris    exon    49316030        49316255        .       +
        .       Parent=Smp_000810.1;Name=9510c85a-9041-4cba-
b1c9-49a337f8d916
SM_V9_3 iris    exon    49316293        49316488        .       +
        .       Parent=Smp_000810.1;Name=78190d30-796c-4c08-9221-
e0f69c57d4d9
SM_V9_3 iris    exon    49316523        49316802        .       +
        .       Parent=Smp_000810.1;Name=fd68b5bd-03a8-4b31-
a095-38bc007a7cbe
SM_V9_3 iris    exon    49318939        49319017        .       +
        .       Parent=Smp_000810.1;Name=020ac68c-684a-496f-90f7-
f2423516a293
SM_V9_3 iris    exon    49319054        49320694        .       +
        .       Parent=Smp_000810.1;Name=04025d51-014a-4cde-94bc-
d49e0f6b30b9
SM_V9_3 iris    CDS     49316108        49316255        .       +
        0       Parent=Smp_000810.1
SM_V9_3 iris    CDS     49316293        49316488        .       +
        2       Parent=Smp_000810.1
SM_V9_3 iris    CDS     49316523        49316802        .       +
        1       Parent=Smp_000810.1
SM_V9_3 iris    CDS     49318939        49319017        .       +
        0       Parent=Smp_000810.1
SM_V9_3 iris    CDS     49319054        49319253        .       +
        2       Parent=Smp_000810.1
SM_V9_3 Liftoff gene    49322216        49325571        .       -
        .       ID=Smp_122490;geneID=Smp_122490
SM_V9_3 Liftoff mRNA    49322216        49325571        .       -
        .
ID=Smp_122490.1;Parent=Smp_122490;geneID=Smp_122490;product=39S
ribosomal protein L32,
mitochondrial;polypeptide_domain=InterPro:IPR011332;Ontology_term=GO
:0006412
SM_V9_3 Liftoff exon    49322216        49322604        .       -
        .       Parent=Smp_122490.1
SM_V9_3 Liftoff exon    49325177        49325260        .       -
        .       Parent=Smp_122490.1
SM_V9_3 Liftoff exon    49325297        49325446        .       -
        .       Parent=Smp_122490.1
SM_V9_3 Liftoff exon    49325480        49325571        .       -
        .       Parent=Smp_122490.1
SM_V9_3 Liftoff CDS     49322387        49322604        .       -
        2       Parent=Smp_122490.1
SM_V9_3 Liftoff CDS     49325177        49325260        .       -
        2       Parent=Smp_122490.1
SM_V9_3 Liftoff CDS     49325297        49325446        .       -
        2       Parent=Smp_122490.1
SM_V9_3 Liftoff CDS     49325480        49325534        .       -
        0       Parent=Smp_122490.1
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SM_V9_3 Liftoff gene    49340745        49436327        .       +
        .       ID=Smp_000790;geneID=Smp_000790
SM_V9_3 Liftoff mRNA    49340745        49436327        .       +
        .
ID=Smp_000790.1;Parent=Smp_000790;geneID=Smp_000790;product=Actin-
binding LIM protein
1;polypeptide_domain=InterPro:IPR001781,IPR003128
Pfam:PF00412,PF02209;Ontology_term=GO:0003779,GO:0007010
SM_V9_3 Liftoff exon    49340745        49340841        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49349034        49349129        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49349181        49349364        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49351919        49352364        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49354776        49354810        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49384066        49384687        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49388628        49388672        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49392614        49392628        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49411346        49411534        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49411691        49411884        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49413659        49413794        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49415662        49415772        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49417593        49417652        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49427832        49428164        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49430140        49430498        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49432606        49432677        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff exon    49433723        49436327        .       +
        .       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49340838        49340841        .       +
        0       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49349034        49349129        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49349181        49349364        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49351919        49352364        .       +
        1       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49354776        49354810        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49384066        49384687        .       +
        0       Parent=Smp_000790.1
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SM_V9_3 Liftoff CDS     49388628        49388672        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49392614        49392628        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49411346        49411534        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49411691        49411884        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49413659        49413794        .       +
        0       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49415662        49415772        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49417593        49417652        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49427832        49428164        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49430140        49430498        .       +
        2       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49432606        49432677        .       +
        0       Parent=Smp_000790.1
SM_V9_3 Liftoff CDS     49433723        49433836        .       +
        0       Parent=Smp_000790.1
SM_V9_3 Liftoff mRNA    49340745        49436327        .       +
        .
ID=Smp_000790.2;Parent=Smp_000790;geneID=Smp_000790;product=Actin-
binding LIM protein
1;polypeptide_domain=InterPro:IPR001781,IPR003128
Pfam:PF00412,PF02209;Ontology_term=GO:0003779,GO:0007010
SM_V9_3 Liftoff exon    49340745        49340841        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49349034        49349129        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49349181        49349364        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49351919        49352364        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49354776        49354810        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49384066        49384687        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49388628        49388672        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49392614        49392628        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49411346        49411534        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49411691        49411884        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49413659        49413794        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49415662        49415772        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49427832        49428164        .       +
        .       Parent=Smp_000790.2
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SM_V9_3 Liftoff exon    49430140        49430498        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49432606        49432677        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff exon    49433723        49436327        .       +
        .       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49340838        49340841        .       +
        0       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49349034        49349129        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49349181        49349364        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49351919        49352364        .       +
        1       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49354776        49354810        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49384066        49384687        .       +
        0       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49388628        49388672        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49392614        49392628        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49411346        49411534        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49411691        49411884        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49413659        49413794        .       +
        0       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49415662        49415772        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49427832        49428164        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49430140        49430498        .       +
        2       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49432606        49432677        .       +
        0       Parent=Smp_000790.2
SM_V9_3 Liftoff CDS     49433723        49433836        .       +
        0       Parent=Smp_000790.2
SM_V9_3 Liftoff gene    49462210        49463310        .       +
        .       ID=Smp_000770;geneID=Smp_000770
SM_V9_3 Liftoff mRNA    49462210        49463310        .       +
        .
ID=Smp_000770.1;Parent=Smp_000770;geneID=Smp_000770;product=Phosphol
ipid-transporting ATPase IB
SM_V9_3 Liftoff exon    49462210        49462371        .       +
        .       Parent=Smp_000770.1
SM_V9_3 Liftoff exon    49463257        49463310        .       +
        .       Parent=Smp_000770.1
SM_V9_3 Liftoff CDS     49462210        49462371        .       +
        0       Parent=Smp_000770.1
SM_V9_3 Liftoff CDS     49463257        49463310        .       +
        0       Parent=Smp_000770.1
SM_V9_3 Liftoff gene    49475530        49545781        .       +
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ID=Smp_000755;geneID=Smp_000755;previous_systematic_id=Smp_000750,Sm
p_000760
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       .
ID=Smp_000755.1;Parent=Smp_000755;geneID=Smp_000755;product=Membrane
metallo-endopeptidase-like
1;polypeptide_domain=InterPro:IPR008753,IPR018497,IPR024079
Pfam:PF01431,PF05649;Ontology_term=GO:0004222,GO:0006508,GO:0008237
SM_V9_3 Liftoff exon    49475530        49476686        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49493894        49493938        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49503256        49503390        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49512291        49512523        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49523050        49523257        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49524098        49524196        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49528072        49528149        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49531743        49532037        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49534354        49534490        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49536305        49536388        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49540439        49540543        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49541907        49541986        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff exon    49545404        49545781        .       +
        .       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49475652        49476686        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49493894        49493938        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49503256        49503390        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49512291        49512523        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49523050        49523257        .       +
        1       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49524098        49524196        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49528072        49528149        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49531743        49532037        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49534354        49534490        .       +
        2       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49536305        49536388        .       +
        0       Parent=Smp_000755.1
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SM_V9_3 Liftoff CDS     49540439        49540543        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49541907        49541986        .       +
        0       Parent=Smp_000755.1
SM_V9_3 Liftoff CDS     49545404        49545506        .       +
        1       Parent=Smp_000755.1
SM_V9_3 Liftoff gene    49550692        49556626        .       -
        .       ID=Smp_000740;geneID=Smp_000740
SM_V9_3 Liftoff mRNA    49550692        49556626        .       -
        .
ID=Smp_000740.1;Parent=Smp_000740;geneID=Smp_000740;product=26s
proteasome non-atpase regulatory subunit 4 (26s proteasomeregulatory
subunit s5a);evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR002035,IPR003903
Pfam:PF02809,PF13519
SM_V9_3 Liftoff exon    49550692        49551281        .       -
        .       Parent=Smp_000740.1
SM_V9_3 Liftoff exon    49554994        49555205        .       -
        .       Parent=Smp_000740.1
SM_V9_3 Liftoff exon    49555739        49556120        .       -
        .       Parent=Smp_000740.1
SM_V9_3 Liftoff exon    49556159        49556498        .       -
        .       Parent=Smp_000740.1
SM_V9_3 Liftoff exon    49556538        49556626        .       -
        .       Parent=Smp_000740.1
SM_V9_3 Liftoff CDS     49550979        49551281        .       -
        0       Parent=Smp_000740.1
SM_V9_3 Liftoff CDS     49554994        49555205        .       -
        2       Parent=Smp_000740.1
SM_V9_3 Liftoff CDS     49555739        49556120        .       -
        0       Parent=Smp_000740.1
SM_V9_3 Liftoff CDS     49556159        49556498        .       -
        1       Parent=Smp_000740.1
SM_V9_3 Liftoff CDS     49556538        49556563        .       -
        0       Parent=Smp_000740.1
SM_V9_3 Liftoff gene    49575160        49589398        .       +
        .       ID=Smp_194170;geneID=Smp_194170
SM_V9_3 Liftoff mRNA    49575160        49589398        .       +
        .
ID=Smp_194170.1;Parent=Smp_194170;geneID=Smp_194170;product=NADH
dehydrogenase [ubiquinone] 1 alpha subcomplex subunit
5;polypeptide_domain=InterPro:IPR006806
Pfam:PF04716;Ontology_term=GO:0005743,GO:0016651,GO:0022904
SM_V9_3 Liftoff exon    49575160        49588112        .       +
        .       Parent=Smp_194170.1
SM_V9_3 Liftoff exon    49588155        49588199        .       +
        .       Parent=Smp_194170.1
SM_V9_3 Liftoff exon    49588239        49588355        .       +
        .       Parent=Smp_194170.1
SM_V9_3 Liftoff exon    49588401        49588466        .       +
        .       Parent=Smp_194170.1
SM_V9_3 Liftoff exon    49589107        49589398        .       +
        .       Parent=Smp_194170.1
SM_V9_3 Liftoff CDS     49588095        49588112        .       +
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        0       Parent=Smp_194170.1
SM_V9_3 Liftoff CDS     49588155        49588199        .       +
        0       Parent=Smp_194170.1
SM_V9_3 Liftoff CDS     49588239        49588355        .       +
        0       Parent=Smp_194170.1
SM_V9_3 Liftoff CDS     49588401        49588466        .       +
        0       Parent=Smp_194170.1
SM_V9_3 Liftoff CDS     49589107        49589208        .       +
        0       Parent=Smp_194170.1
SM_V9_3 iris    gene    49620186        49631926        .       -
        .
ID=Smp_335930;geneID=Smp_335930;gene_name=Smp_335930;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-26
SM_V9_3 iris    mRNA    49620186        49631926        .       -
        .
ID=Smp_335930.1;Parent=Smp_335930;geneID=Smp_335930;gene_name=Smp_33
5930;owner=irisadmin@local.host;orig_id=Smp_335930.1;date_last_modif
ied=2022-07-27;Name=Smp_335930.1;product=Endoglycoceramidase;date_cr
eation=2022-07-26
SM_V9_3 iris    exon    49620186        49620647        .       -
        .       Parent=Smp_335930.1;Name=e5c7050c-425a-42f3-aa92-
c4e5ad67e5b1
SM_V9_3 iris    exon    49622799        49623023        .       -
        .       Parent=Smp_335930.1;Name=a3b5ffe0-cd4b-497a-8858-
b47e8072a2de
SM_V9_3 iris    exon    49625215        49625406        .       -
        .       Parent=Smp_335930.1;Name=c137cebb-9195-4cac-
b0f5-3a7b90f8bfe0
SM_V9_3 iris    exon    49625457        49625497        .       -
        .       Parent=Smp_335930.1;Name=24a82728-95dc-4ba1-b695-
aeea1fcdf1c9
SM_V9_3 iris    exon    49631002        49631926        .       -
        .       Parent=Smp_335930.1;Name=44ab4510-7c47-48be-adc6-
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SM_V9_3 iris    CDS     49620318        49620647        .       -
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SM_V9_3 iris    CDS     49622799        49623023        .       -
        0       Parent=Smp_335930.1
SM_V9_3 iris    CDS     49625215        49625406        .       -
        0       Parent=Smp_335930.1
SM_V9_3 iris    CDS     49625457        49625497        .       -
        2       Parent=Smp_335930.1
SM_V9_3 iris    CDS     49631002        49631671        .       -
        0       Parent=Smp_335930.1
SM_V9_3 Liftoff gene    49752355        49764146        .       -
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ID=Smp_346760;geneID=Smp_346760;previous_systematic_id=Smp_188780
SM_V9_3 Liftoff mRNA    49752355        49764146        .       -
        .
ID=Smp_346760.1;Parent=Smp_346760;geneID=Smp_346760;product=Protein-
L-isoaspartate O-methyltransferase
SM_V9_3 Liftoff exon    49752355        49764146        .       -
        .       Parent=Smp_346760.1
SM_V9_3 Liftoff CDS     49756351        49756518        .       -
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        0       Parent=Smp_346760.1
SM_V9_3 Liftoff gene    49786040        49787526        .       -
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SM_V9_3 Liftoff mRNA    49786040        49787526        .       -
        .
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        .       Parent=Smp_326830.1
SM_V9_3 Liftoff exon    49787388        49787526        .       -
        .       Parent=Smp_326830.1
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        1       Parent=Smp_326830.1
SM_V9_3 Liftoff CDS     49787388        49787464        .       -
        0       Parent=Smp_326830.1
SM_V9_4 Liftoff gene    68606   71218   .       -       .
ID=Smp_192050;geneID=Smp_192050
SM_V9_4 Liftoff mRNA    68606   71218   .       -       .
ID=Smp_192050.1;Parent=Smp_192050;geneID=Smp_192050;product=Uncharac
terized protein YkuO
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Parent=Smp_192050.1
SM_V9_4 Liftoff exon    69573   69623   .       -       .
Parent=Smp_192050.1
SM_V9_4 Liftoff exon    70630   70728   .       -       .
Parent=Smp_192050.1
SM_V9_4 Liftoff exon    71023   71092   .       -       .
Parent=Smp_192050.1
SM_V9_4 Liftoff exon    71150   71218   .       -       .
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SM_V9_4 Liftoff CDS     70630   70728   .       -       2
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SM_V9_4 Liftoff CDS     71023   71092   .       -       0
Parent=Smp_192050.1
SM_V9_4 Liftoff CDS     71150   71218   .       -       0
Parent=Smp_192050.1
SM_V9_4 iris    gene    101686  114742  .       +       .
ID=Smp_335780;geneID=Smp_335780;gene_name=Smp_335780;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_4 iris    mRNA    101686  114742  .       +       .
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ied=2022-08-15;Name=Smp_335780.1;product=Endoglycoceramidase;date_cr
eation=2022-08-15
SM_V9_4 iris    exon    101686  102601  .       +       .
Parent=Smp_335780.1;Name=Smp_335780.1-CDS
SM_V9_4 iris    exon    102640  102745  .       +       .
Parent=Smp_335780.1;Name=fe2a34e0-c880-432f-8cc7-6e0a14f4a43c
SM_V9_4 iris    exon    108103  108386  .       +       .
Parent=Smp_335780.1;Name=f00ef16e-14ed-43bd-97aa-0b676782888b
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SM_V9_4 iris    exon    114334  114742  .       +       .
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Parent=Smp_335780.1
SM_V9_4 iris    CDS     108103  108386  .       +       2
Parent=Smp_335780.1
SM_V9_4 iris    CDS     114334  114444  .       +       0
Parent=Smp_335780.1
SM_V9_4 iris    gene    116030  121350  .       +       .
ID=Smp_335785;geneID=Smp_335785;gene_name=Smp_335785;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-29
SM_V9_4 iris    mRNA    116030  121350  .       +       .
ID=Smp_335785.1;Parent=Smp_335785;geneID=Smp_335785;gene_name=Smp_33
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ied=2022-08-15;Name=Smp_335785.1;date_creation=2022-07-29
SM_V9_4 iris    exon    116030  116113  .       +       .
Parent=Smp_335785.1;Name=25c74001-435c-41a2-9882-3b62267119c2
SM_V9_4 iris    exon    117974  117994  .       +       .
Parent=Smp_335785.1;Name=64fa5155-77c9-4a2a-9dc7-0400dd5bc379
SM_V9_4 iris    exon    118456  118477  .       +       .
Parent=Smp_335785.1;Name=ed3b25dd-d22c-4166-8de2-b92d0863ceb3
SM_V9_4 iris    exon    119195  119224  .       +       .
Parent=Smp_335785.1;Name=081c0f6c-5960-4a58-befa-f3344aa607ec
SM_V9_4 iris    exon    119995  120012  .       +       .
Parent=Smp_335785.1;Name=ad17c8e3-b954-44dd-98c8-77360a0dae12
SM_V9_4 iris    exon    121150  121350  .       +       .
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SM_V9_4 iris    CDS     116062  116113  .       +       0
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SM_V9_4 iris    CDS     117974  117994  .       +       2
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SM_V9_4 iris    CDS     118456  118477  .       +       2
Parent=Smp_335785.1
SM_V9_4 iris    CDS     119195  119210  .       +       1
Parent=Smp_335785.1
SM_V9_4 Liftoff gene    201116  206422  .       +       .
ID=Smp_180620;geneID=Smp_180620
SM_V9_4 Liftoff mRNA    201116  206422  .       +       .
ID=Smp_180620.1;Parent=Smp_180620;geneID=Smp_180620;product=MEG-17;l
iterature=PMID:20606017
SM_V9_4 Liftoff exon    201116  201215  .       +       .
Parent=Smp_180620.1
SM_V9_4 Liftoff exon    201683  201692  .       +       .
Parent=Smp_180620.1
SM_V9_4 Liftoff exon    202028  202033  .       +       .
Parent=Smp_180620.1
SM_V9_4 Liftoff exon    202192  202197  .       +       .
Parent=Smp_180620.1
SM_V9_4 Liftoff exon    203088  203108  .       +       .
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SM_V9_4 Liftoff exon    203571  203592  .       +       .
Parent=Smp_180620.1
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SM_V9_4 Liftoff exon    204310  204339  .       +       .
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SM_V9_4 Liftoff exon    205110  205127  .       +       .
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SM_V9_4 Liftoff exon    205842  205847  .       +       .
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SM_V9_4 Liftoff exon    206265  206422  .       +       .
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Parent=Smp_180620.1
SM_V9_4 Liftoff CDS     201683  201692  .       +       2
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SM_V9_4 Liftoff CDS     203088  203108  .       +       1
Parent=Smp_180620.1
SM_V9_4 Liftoff CDS     203571  203592  .       +       1
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SM_V9_4 Liftoff CDS     205842  205847  .       +       0
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SM_V9_4 Liftoff CDS     206265  206282  .       +       0
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ID=Smp_328930.1;Parent=Smp_328930;geneID=Smp_328930;gene_name=Smp_32
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ied=2022-08-01;Name=Smp_328930.1;product=Uronate
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SM_V9_4 iris    exon    226956  227145  .       -       .
Parent=Smp_328930.1;Name=8b297b84-284a-4707-8ea9-7e77484a925d
SM_V9_4 iris    exon    229165  229440  .       -       .
Parent=Smp_328930.1;Name=f0c61640-31f0-405e-924f-99c20e1b52bb
SM_V9_4 iris    CDS     227138  227145  .       -       2
Parent=Smp_328930.1
SM_V9_4 iris    CDS     229165  229399  .       -       0
Parent=Smp_328930.1
SM_V9_4 Liftoff gene    255074  279541  .       -       .
ID=Smp_308060;geneID=Smp_308060;previous_systematic_id=Smp_180630,Sm
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SM_V9_4 Liftoff exon    255074  277131  .       -       .
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SM_V9_4 Liftoff exon    277163  277264  .       -       .
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SM_V9_4 Liftoff exon    277296  277410  .       -       .
Parent=Smp_308060.1
SM_V9_4 Liftoff exon    277445  277527  .       -       .
Parent=Smp_308060.1
SM_V9_4 Liftoff exon    277568  279541  .       -       .
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SM_V9_4 Liftoff CDS     277163  277264  .       -       0
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SM_V9_4 Liftoff CDS     277296  277410  .       -       1
Parent=Smp_308060.1
SM_V9_4 Liftoff CDS     277445  277527  .       -       0
Parent=Smp_308060.1
SM_V9_4 Liftoff CDS     277568  277642  .       -       0
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SM_V9_4 Liftoff exon    261742  278057  .       -       .
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SM_V9_4 Liftoff CDS     259263  259391  .       -       0
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SM_V9_4 Liftoff CDS     259512  259613  .       -       0
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SM_V9_4 Liftoff CDS     261117  261200  .       -       0
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SM_V9_4 Liftoff CDS     261742  261777  .       -       0
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SM_V9_4 Liftoff mRNA    255076  278057  .       -       .
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SM_V9_4 Liftoff exon    255076  263511  .       -       .
Parent=Smp_308060.3
SM_V9_4 Liftoff exon    267759  267877  .       -       .
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SM_V9_4 Liftoff exon    268867  268906  .       -       .
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SM_V9_4 Liftoff exon    277296  277410  .       -       .
Parent=Smp_308060.3
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SM_V9_4 Liftoff exon    277445  277527  .       -       .
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Parent=Smp_308060.3
SM_V9_4 Liftoff CDS     268867  268906  .       -       0
Parent=Smp_308060.3
SM_V9_4 Liftoff CDS     277296  277410  .       -       1
Parent=Smp_308060.3
SM_V9_4 Liftoff CDS     277445  277527  .       -       0
Parent=Smp_308060.3
SM_V9_4 Liftoff CDS     277568  277642  .       -       0
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ID=Smp_328940;geneID=Smp_328940;gene_name=Smp_328940;owner=irisadmin
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ID=Smp_328940.1;Parent=Smp_328940;geneID=Smp_328940;gene_name=Smp_32
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SM_V9_4 iris    exon    301881  302093  .       -       .
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SM_V9_4 iris    exon    302152  302300  .       -       .
Parent=Smp_328940.1;Name=78b85723-21fd-45dd-bc4a-67c927e0f067
SM_V9_4 iris    exon    302330  302380  .       -       .
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SM_V9_4 iris    exon    302414  302537  .       -       .
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SM_V9_4 iris    exon    302575  302670  .       -       .
Parent=Smp_328940.1;Name=e3958e63-6043-42ac-9827-a4c8d4d32461
SM_V9_4 iris    exon    302704  302963  .       -       .
Parent=Smp_328940.1;Name=444cfaf7-c579-4850-b991-154e7db300b9
SM_V9_4 iris    exon    303003  303074  .       -       .
Parent=Smp_328940.1;Name=a397440f-0baa-417a-ba54-398b5eabe084
SM_V9_4 iris    exon    314870  314920  .       -       .
Parent=Smp_328940.1;Name=d09519c6-53c3-4d0e-bb07-8d54b149cbe1
SM_V9_4 iris    exon    314954  315077  .       -       .
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SM_V9_4 iris    exon    315244  315371  .       -       .
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SM_V9_4 iris    CDS     302290  302300  .       -       2
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SM_V9_4 iris    CDS     302704  302963  .       -       2
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SM_V9_4 iris    CDS     314870  314920  .       -       2
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SM_V9_4 iris    CDS     314954  315077  .       -       0
Parent=Smp_328940.1
SM_V9_4 iris    CDS     315115  315207  .       -       0
Parent=Smp_328940.1
SM_V9_4 iris    gene    319299  355358  .       +       .
ID=Smp_346860;geneID=Smp_346860;gene_name=Smp_346860;owner=irisadmin
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SM_V9_4 iris    mRNA    319299  330038  .       +       .
ID=Smp_346860.1;Parent=Smp_346860;geneID=Smp_346860;gene_name=Smp_34
6860;owner=irisadmin@local.host;orig_id=Smp_346860.2;date_last_modif
ied=2022-07-25;Name=Smp_346860.1;date_creation=2022-07-25
SM_V9_4 iris    exon    319299  319449  .       +       .
Parent=Smp_346860.1;Name=12304810-0528-4406-8f9b-8e86daa6e58a
SM_V9_4 iris    exon    319489  320038  .       +       .
Parent=Smp_346860.1;Name=2dc073d5-a6a9-4b1c-bd79-f8c8f24f914d
SM_V9_4 iris    exon    320072  320195  .       +       .
Parent=Smp_346860.1;Name=45ab078b-457a-466f-9528-97830a95478e
SM_V9_4 iris    exon    320233  320300  .       +       .
Parent=Smp_346860.1;Name=784751c9-e988-4d7d-b40f-776169df93dc
SM_V9_4 iris    exon    320359  320606  .       +       .
Parent=Smp_346860.1;Name=9a369c93-7152-4e9a-9eb2-dff36e46607b
SM_V9_4 iris    exon    324624  324689  .       +       .
Parent=Smp_346860.1;Name=36d59886-0369-4078-94fa-0cf4a47b074e
SM_V9_4 iris    exon    327213  327425  .       +       .
Parent=Smp_346860.1;Name=e60fca4d-9f94-4604-8c30-105b975d0e2e
SM_V9_4 iris    exon    328359  328914  .       +       .
Parent=Smp_346860.1;Name=d3de4b89-a217-4bd7-840a-942f55033c7c
SM_V9_4 iris    exon    329368  329558  .       +       .
Parent=Smp_346860.1;Name=ad62c119-713f-465e-a2eb-6881d192f49f
SM_V9_4 iris    exon    329603  329678  .       +       .
Parent=Smp_346860.1;Name=Smp_346860.1-CDS
SM_V9_4 iris    exon    329717  330038  .       +       .
Parent=Smp_346860.1;Name=30a6cf85-487f-48a9-8336-4fb6133fd501
SM_V9_4 iris    CDS     329618  329678  .       +       0
Parent=Smp_346860.1
SM_V9_4 iris    CDS     329717  329886  .       +       2
Parent=Smp_346860.1
SM_V9_4 iris    gene    347004  355328  .       -       .
ID=Smp_349650;geneID=Smp_349650;gene_name=Smp_349650;owner=irisadmin
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9650;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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SM_V9_4 iris    exon    347004  347357  .       -       .
Parent=Smp_349650.1;Name=Smp_349650.1-CDS
SM_V9_4 iris    exon    347408  347536  .       -       .
Parent=Smp_349650.1;Name=81a0dc62-9d3b-4817-9f4d-5272979b4982
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SM_V9_4 iris    exon    348073  348201  .       -       .
Parent=Smp_349650.1;Name=f3e4e820-74fd-41d4-88bb-1dd71f8020b4
SM_V9_4 iris    exon    348979  349112  .       -       .
Parent=Smp_349650.1;Name=1577bca6-22fb-4a93-8d8c-a210aad699af
SM_V9_4 iris    exon    350002  350079  .       -       .
Parent=Smp_349650.1;Name=a4df37e2-c78c-4ad7-9b73-62ba3ca53b74
SM_V9_4 iris    exon    351539  351605  .       -       .
Parent=Smp_349650.1;Name=f91218fa-b921-47a2-8080-23e2d197b594
SM_V9_4 iris    exon    352299  352363  .       -       .
Parent=Smp_349650.1;Name=8631136c-b0b7-45ff-ba8b-a876ed87b0be
SM_V9_4 iris    exon    353352  353402  .       -       .
Parent=Smp_349650.1;Name=29b9b10d-9859-4357-948d-a32a2fa633e4
SM_V9_4 iris    exon    354452  354550  .       -       .
Parent=Smp_349650.1;Name=0d898183-7000-4eeb-bc96-0ade5c8b48a2
SM_V9_4 iris    exon    354817  354886  .       -       .
Parent=Smp_349650.1;Name=ff618c41-5d87-4dbf-9e68-18080708a3b8
SM_V9_4 iris    exon    354944  355036  .       -       .
Parent=Smp_349650.1;Name=927ad7c2-c457-4f8a-a503-b96eab86e68d
SM_V9_4 iris    exon    355074  355200  .       -       .
Parent=Smp_349650.1;Name=3ef19acd-318f-44c9-9a60-0778940edb1a
SM_V9_4 iris    exon    355302  355328  .       -       .
Parent=Smp_349650.1;Name=3010af9c-efe9-44a4-a1ea-04705370fdaf
SM_V9_4 iris    CDS     347205  347357  .       -       0
Parent=Smp_349650.1
SM_V9_4 iris    CDS     347408  347536  .       -       0
Parent=Smp_349650.1
SM_V9_4 iris    CDS     348073  348201  .       -       0
Parent=Smp_349650.1
SM_V9_4 iris    CDS     348979  349112  .       -       2
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SM_V9_4 iris    CDS     350002  350079  .       -       2
Parent=Smp_349650.1
SM_V9_4 iris    CDS     351539  351605  .       -       0
Parent=Smp_349650.1
SM_V9_4 iris    CDS     352299  352363  .       -       2
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SM_V9_4 iris    CDS     353352  353402  .       -       2
Parent=Smp_349650.1
SM_V9_4 iris    CDS     354452  354550  .       -       2
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SM_V9_4 iris    CDS     354817  354886  .       -       0
Parent=Smp_349650.1
SM_V9_4 iris    CDS     354944  355036  .       -       0
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SM_V9_4 iris    CDS     355302  355306  .       -       0
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SM_V9_4 iris    gene    480028  582101  .       -       .
ID=Smp_192040;geneID=Smp_192040;gene_name=Smp_192040;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_4 iris    gene    480683  489953  .       -       .
ID=Smp_349670;geneID=Smp_349670;gene_name=Smp_349670;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-29
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ID=Smp_349670.1;Parent=Smp_349670;geneID=Smp_349670;gene_name=Smp_34
9670;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349670.1;date_creation=2022-07-29
SM_V9_4 iris    exon    480683  481037  .       -       .
Parent=Smp_349670.1;Name=Smp_349670.1-CDS
SM_V9_4 iris    exon    481992  482140  .       -       .
Parent=Smp_349670.1;Name=7667f0ff-6478-4586-8368-f6fb4f4603ca
SM_V9_4 iris    exon    485086  485163  .       -       .
Parent=Smp_349670.1;Name=fb28533e-e6f5-4ee5-8e7b-bc90033956ea
SM_V9_4 iris    exon    486183  486249  .       -       .
Parent=Smp_349670.1;Name=d333d87a-0fb3-4df1-8816-78712042366d
SM_V9_4 iris    exon    486937  487001  .       -       .
Parent=Smp_349670.1;Name=6ddbf887-a7b4-416f-91d5-afaab0e5c9a3
SM_V9_4 iris    exon    487987  488037  .       -       .
Parent=Smp_349670.1;Name=0a7c58a7-9cec-47e0-a8ed-eb853c386f85
SM_V9_4 iris    exon    489083  489181  .       -       .
Parent=Smp_349670.1;Name=8e6d461f-0511-492f-8377-506281b4b6b5
SM_V9_4 iris    exon    489455  489524  .       -       .
Parent=Smp_349670.1;Name=24e63025-7156-446f-b867-9cf3c2015c7a
SM_V9_4 iris    exon    489582  489674  .       -       .
Parent=Smp_349670.1;Name=bf38e573-15c4-4877-988e-9fff5b61c989
SM_V9_4 iris    exon    489712  489841  .       -       .
Parent=Smp_349670.1;Name=2ca14158-f479-4b32-a7a2-29c039b1bf6a
SM_V9_4 iris    exon    489925  489953  .       -       .
Parent=Smp_349670.1;Name=15de3126-c8bb-43ac-89c6-b2c9e08dae0d
SM_V9_4 iris    CDS     480885  481037  .       -       0
Parent=Smp_349670.1
SM_V9_4 iris    CDS     481992  482140  .       -       2
Parent=Smp_349670.1
SM_V9_4 iris    CDS     485086  485163  .       -       2
Parent=Smp_349670.1
SM_V9_4 iris    CDS     486183  486249  .       -       0
Parent=Smp_349670.1
SM_V9_4 iris    CDS     486937  487001  .       -       2
Parent=Smp_349670.1
SM_V9_4 iris    CDS     487987  488037  .       -       2
Parent=Smp_349670.1
SM_V9_4 iris    CDS     489083  489181  .       -       2
Parent=Smp_349670.1
SM_V9_4 iris    CDS     489455  489524  .       -       0
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SM_V9_4 iris    CDS     489582  489674  .       -       0
Parent=Smp_349670.1
SM_V9_4 iris    CDS     489712  489841  .       -       1
Parent=Smp_349670.1
SM_V9_4 iris    CDS     489925  489929  .       -       0
Parent=Smp_349670.1
SM_V9_4 iris    mRNA    574428  582101  .       -       .
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2040;owner=irisadmin@local.host;orig_id=Smp_192040.1;date_last_modif
ied=2022-08-01;Name=Smp_192040.1;product=Mycophenolic acid acyl-
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SM_V9_4 iris    exon    574428  574783  .       -       .
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Parent=Smp_192040.1;Name=Smp_192040.1-CDS
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Parent=Smp_192040.1;Name=a564d6af-e6a1-4adb-a0cf-4bdf1eebf9b1
SM_V9_4 iris    exon    576493  576570  .       -       .
Parent=Smp_192040.1;Name=fe63fd69-c890-4142-b62b-0bcf3f1a6273
SM_V9_4 iris    exon    578327  578335  .       -       .
Parent=Smp_192040.1;Name=30b790bb-2450-47d3-a59a-7080d422be01
SM_V9_4 iris    exon    578338  578392  .       -       .
Parent=Smp_192040.1;Name=9430ee51-34c5-406c-834e-7555fce7eb15
SM_V9_4 iris    exon    579086  579150  .       -       .
Parent=Smp_192040.1;Name=54dee5ee-598a-4dcd-b083-f4c231fc6000
SM_V9_4 iris    exon    580136  580186  .       -       .
Parent=Smp_192040.1;Name=807eb2eb-af12-4d99-9cb0-0826e0e4b6e9
SM_V9_4 iris    exon    581232  581330  .       -       .
Parent=Smp_192040.1;Name=0f4c25de-11a8-412c-89cc-c57e172fed55
SM_V9_4 iris    exon    581604  581673  .       -       .
Parent=Smp_192040.1;Name=78e37139-f34f-4433-ac50-386cb6d5a6f7
SM_V9_4 iris    exon    581731  581823  .       -       .
Parent=Smp_192040.1;Name=e64953c1-f68a-4225-8491-7febf5def61a
SM_V9_4 iris    exon    581861  581990  .       -       .
Parent=Smp_192040.1;Name=20b66d5e-8f4a-41d9-bb63-79867c943d92
SM_V9_4 iris    exon    582074  582101  .       -       .
Parent=Smp_192040.1;Name=cf312c92-3124-40c6-a331-2a03ed72c04b
SM_V9_4 iris    CDS     574631  574783  .       -       0
Parent=Smp_192040.1
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Parent=Smp_192040.1
SM_V9_4 iris    CDS     576493  576570  .       -       2
Parent=Smp_192040.1
SM_V9_4 iris    CDS     578327  578335  .       -       2
Parent=Smp_192040.1
SM_V9_4 iris    CDS     578338  578392  .       -       0
Parent=Smp_192040.1
SM_V9_4 iris    CDS     579086  579150  .       -       2
Parent=Smp_192040.1
SM_V9_4 iris    CDS     580136  580186  .       -       2
Parent=Smp_192040.1
SM_V9_4 iris    CDS     581232  581330  .       -       2
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SM_V9_4 iris    CDS     581604  581673  .       -       0
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SM_V9_4 iris    CDS     581731  581823  .       -       0
Parent=Smp_192040.1
SM_V9_4 iris    CDS     581861  581990  .       -       1
Parent=Smp_192040.1
SM_V9_4 iris    CDS     582074  582078  .       -       0
Parent=Smp_192040.1
SM_V9_4 Liftoff gene    767751  770152  .       -       .
ID=Smp_328950;geneID=Smp_328950
SM_V9_4 Liftoff mRNA    767751  770152  .       -       .
ID=Smp_328950.1;Parent=Smp_328950;geneID=Smp_328950;product=ADP,ATP
carrier protein 5
SM_V9_4 Liftoff exon    767751  770152  .       -       .
Parent=Smp_328950.1
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SM_V9_4 Liftoff CDS     767853  768008  .       -       0
Parent=Smp_328950.1
SM_V9_4 iris    gene    788369  801811  .       -       .
ID=Smp_349680;geneID=Smp_349680;gene_name=Smp_349680;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-29
SM_V9_4 iris    mRNA    788369  801811  .       -       .
ID=Smp_349680.1;Parent=Smp_349680;geneID=Smp_349680;gene_name=Smp_34
9680;owner=irisadmin@local.host;orig_id=Smp_337060.1;date_last_modif
ied=2022-08-02;Name=Smp_349680.1;date_creation=2022-07-29
SM_V9_4 iris    exon    788369  789027  .       -       .
Parent=Smp_349680.1;Name=Smp_349680.1-CDS
SM_V9_4 iris    exon    790142  790260  .       -       .
Parent=Smp_349680.1;Name=855768d4-e22d-4dbd-bf0f-2b126724b396
SM_V9_4 iris    exon    792914  793055  .       -       .
Parent=Smp_349680.1;Name=ed737623-1245-4bb1-a36d-d528b4a56e73
SM_V9_4 iris    exon    794140  794273  .       -       .
Parent=Smp_349680.1;Name=4d103f43-4442-4e66-9dc2-e1f34a578d18
SM_V9_4 iris    exon    795328  795408  .       -       .
Parent=Smp_349680.1;Name=a3c16925-2142-46a5-a593-d009a8d51fff
SM_V9_4 iris    exon    796830  796905  .       -       .
Parent=Smp_349680.1;Name=86e18f51-8693-4023-b545-e691e04a3294
SM_V9_4 iris    exon    797768  797832  .       -       .
Parent=Smp_349680.1;Name=1b5d24dc-3ef4-4b13-b166-4134a7d60e02
SM_V9_4 iris    exon    799192  799236  .       -       .
Parent=Smp_349680.1;Name=01ff976f-9247-4ed5-833a-b806adc775e2
SM_V9_4 iris    exon    800592  800684  .       -       .
Parent=Smp_349680.1;Name=b5043d9f-9ca5-4d56-acba-b57163556a44
SM_V9_4 iris    exon    801290  801359  .       -       .
Parent=Smp_349680.1;Name=c32dedf2-3399-4af9-97ff-9d75a17a6c9d
SM_V9_4 iris    exon    801417  801506  .       -       .
Parent=Smp_349680.1;Name=dfb16d46-6be9-4bf8-abcb-e9ebbddbe082
SM_V9_4 iris    exon    801545  801689  .       -       .
Parent=Smp_349680.1;Name=11e66605-e6b0-4355-ac29-7060d472138d
SM_V9_4 iris    exon    801780  801811  .       -       .
Parent=Smp_349680.1;Name=b5e82d59-643f-409c-80c4-a0caca0a5e0e
SM_V9_4 iris    CDS     788926  789027  .       -       0
Parent=Smp_349680.1
SM_V9_4 iris    CDS     790142  790260  .       -       2
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Parent=Smp_349680.1
SM_V9_4 iris    CDS     794140  794273  .       -       2
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SM_V9_4 iris    CDS     795328  795408  .       -       2
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SM_V9_4 iris    CDS     796830  796905  .       -       0
Parent=Smp_349680.1
SM_V9_4 iris    CDS     797768  797832  .       -       2
Parent=Smp_349680.1
SM_V9_4 iris    CDS     799192  799236  .       -       2
Parent=Smp_349680.1
SM_V9_4 iris    CDS     800592  800684  .       -       2
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SM_V9_4 iris    CDS     801290  801359  .       -       0
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Parent=Smp_349680.1
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Parent=Smp_349680.1
SM_V9_4 iris    CDS     801780  801784  .       -       0
Parent=Smp_349680.1
SM_V9_4 Liftoff gene    818056  845730  .       +       .
ID=Smp_337060;geneID=Smp_337060;previous_systematic_id=Smp_142220
SM_V9_4 Liftoff mRNA    818056  845730  .       +       .
ID=Smp_337060.1;Parent=Smp_337060;geneID=Smp_337060;product=APOBEC1
complementation
factor;polypeptide_domain=InterPro:IPR000504,IPR006535
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    818056  826535  .       +       .
Parent=Smp_337060.1
SM_V9_4 Liftoff exon    830430  830610  .       +       .
Parent=Smp_337060.1
SM_V9_4 Liftoff exon    835221  836046  .       +       .
Parent=Smp_337060.1
SM_V9_4 Liftoff exon    837668  837821  .       +       .
Parent=Smp_337060.1
SM_V9_4 Liftoff exon    841193  841306  .       +       .
Parent=Smp_337060.1
SM_V9_4 Liftoff exon    844180  845730  .       +       .
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SM_V9_4 Liftoff CDS     825822  826535  .       +       0
Parent=Smp_337060.1
SM_V9_4 Liftoff CDS     830430  830610  .       +       0
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SM_V9_4 Liftoff CDS     835221  836046  .       +       2
Parent=Smp_337060.1
SM_V9_4 Liftoff CDS     837668  837821  .       +       1
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SM_V9_4 Liftoff CDS     841193  841306  .       +       0
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SM_V9_4 Liftoff CDS     844180  845706  .       +       0
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SM_V9_4 Liftoff gene    852614  871107  .       -       .
ID=Smp_037230;geneID=Smp_037230;previous_systematic_id=Smp_195040
SM_V9_4 Liftoff mRNA    852614  871107  .       -       .
ID=Smp_037230.1;Parent=Smp_037230;geneID=Smp_037230;product=fimbrin;
evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR001589,IPR001715
Pfam:PF00307;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    852614  853636  .       -       .
Parent=Smp_037230.1
SM_V9_4 Liftoff exon    856968  857927  .       -       .
Parent=Smp_037230.1
SM_V9_4 Liftoff exon    866749  867018  .       -       .
Parent=Smp_037230.1
SM_V9_4 Liftoff exon    870383  871107  .       -       .
Parent=Smp_037230.1
SM_V9_4 Liftoff CDS     853193  853636  .       -       0
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Parent=Smp_037230.1
SM_V9_4 Liftoff CDS     856968  857927  .       -       0
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SM_V9_4 Liftoff CDS     870383  870664  .       -       0
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SM_V9_4 Liftoff gene    881576  930107  .       +       .
ID=Smp_142210;geneID=Smp_142210
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ID=Smp_142210.1;Parent=Smp_142210;geneID=Smp_142210;product=Vacuolar
protein sorting-associated protein 18
homolog;polypeptide_domain=InterPro:IPR007810,IPR011990,IPR013083
Pfam:PF05131;Ontology_term=GO:0005515
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SM_V9_4 Liftoff exon    881793  881902  .       +       .
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SM_V9_4 Liftoff exon    885319  885467  .       +       .
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SM_V9_4 Liftoff exon    886683  886847  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    888471  888840  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    891409  891510  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    894219  894757  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    900387  900448  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    903088  903769  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    906433  906526  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    910254  910437  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    913135  913544  .       +       .
Parent=Smp_142210.1
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Parent=Smp_142210.1
SM_V9_4 Liftoff exon    916966  917047  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    919932  920059  .       +       .
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SM_V9_4 Liftoff exon    923960  924081  .       +       .
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SM_V9_4 Liftoff exon    926363  926480  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    928113  928208  .       +       .
Parent=Smp_142210.1
SM_V9_4 Liftoff exon    929634  930107  .       +       .
Parent=Smp_142210.1
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SM_V9_4 Liftoff CDS     881616  881654  .       +       0
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SM_V9_4 Liftoff CDS     881793  881902  .       +       1
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     885319  885467  .       +       2
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SM_V9_4 Liftoff CDS     886683  886847  .       +       0
Parent=Smp_142210.1
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SM_V9_4 Liftoff CDS     891409  891510  .       +       2
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     894219  894757  .       +       2
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     900387  900448  .       +       0
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     903088  903769  .       +       1
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     906433  906526  .       +       0
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     910254  910437  .       +       2
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     913135  913544  .       +       1
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     915260  915384  .       +       2
Parent=Smp_142210.1
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Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     919932  920059  .       +       2
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     923960  924081  .       +       0
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     926363  926480  .       +       1
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     928113  928208  .       +       0
Parent=Smp_142210.1
SM_V9_4 Liftoff CDS     929634  929759  .       +       0
Parent=Smp_142210.1
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ID=Smp_242690;geneID=Smp_242690;previous_systematic_id=Smp_032710,Sm
p_150710
SM_V9_4 Liftoff mRNA    932079  970332  .       -       .
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suppressor of Ras
2;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR002219,IPR00827
1,IPR011009,IPR017441,IPR025561
Pfam:PF07714,PF13543;Ontology_term=GO:0004672,GO:0005524,GO:0006468,
GO:0035556
SM_V9_4 Liftoff exon    932079  933221  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    936372  936498  .       -       .
Parent=Smp_242690.1
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SM_V9_4 Liftoff exon    938264  938407  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    939717  939940  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    940487  940771  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    943470  943535  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    944656  944695  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    948289  948370  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    951904  952291  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    956455  956546  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    961064  961158  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    964517  964618  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    965504  965573  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    967550  968888  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    968930  969070  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff exon    969106  970332  .       -       .
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     933057  933221  .       -       0
Parent=Smp_242690.1
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Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     938264  938407  .       -       1
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     939717  939940  .       -       0
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     940487  940771  .       -       0
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     943470  943535  .       -       0
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     944656  944695  .       -       1
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SM_V9_4 Liftoff CDS     948289  948370  .       -       2
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     951904  952291  .       -       0
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     956455  956546  .       -       2
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SM_V9_4 Liftoff CDS     961064  961158  .       -       1
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SM_V9_4 Liftoff CDS     964517  964618  .       -       1
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     965504  965573  .       -       2
Parent=Smp_242690.1
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SM_V9_4 Liftoff CDS     967550  968888  .       -       0
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     968930  969070  .       -       0
Parent=Smp_242690.1
SM_V9_4 Liftoff CDS     969106  969261  .       -       0
Parent=Smp_242690.1
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ID=Smp_150700;geneID=Smp_150700
SM_V9_4 Liftoff mRNA    992924  1014824 .       -       .
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dehydrogenase [NADP(
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SM_V9_4 Liftoff exon    995541  995623  .       -       .
Parent=Smp_150700.1
SM_V9_4 Liftoff exon    999422  999578  .       -       .
Parent=Smp_150700.1
SM_V9_4 Liftoff exon    1004353 1004576 .       -       .
Parent=Smp_150700.1
SM_V9_4 Liftoff exon    1006727 1006804 .       -       .
Parent=Smp_150700.1
SM_V9_4 Liftoff exon    1007987 1008103 .       -       .
Parent=Smp_150700.1
SM_V9_4 Liftoff exon    1009337 1009504 .       -       .
Parent=Smp_150700.1
SM_V9_4 Liftoff exon    1009543 1014824 .       -       .
Parent=Smp_150700.1
SM_V9_4 Liftoff CDS     993023  993065  .       -       1
Parent=Smp_150700.1
SM_V9_4 Liftoff CDS     995541  995623  .       -       0
Parent=Smp_150700.1
SM_V9_4 Liftoff CDS     999422  999578  .       -       1
Parent=Smp_150700.1
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Parent=Smp_150700.1
SM_V9_4 Liftoff CDS     1006727 1006804 .       -       0
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SM_V9_4 Liftoff CDS     1009543 1009605 .       -       0
Parent=Smp_150700.1
SM_V9_4 Liftoff gene    1031006 1031337 .       -       .
ID=Smp_337520;geneID=Smp_337520
SM_V9_4 Liftoff mRNA    1031006 1031337 .       -       .
ID=Smp_337520.1;Parent=Smp_337520;geneID=Smp_337520;product=Probable
arginine--tRNA ligase, mitochondrial
SM_V9_4 Liftoff exon    1031006 1031145 .       -       .
Parent=Smp_337520.1
SM_V9_4 Liftoff exon    1031188 1031337 .       -       .
Parent=Smp_337520.1
SM_V9_4 Liftoff CDS     1031015 1031145 .       -       2
Parent=Smp_337520.1
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SM_V9_4 Liftoff CDS     1031188 1031269 .       -       0
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ation-associated protein
2G4;polypeptide_domain=InterPro:IPR000994,IPR004545,IPR011991
Pfam:PF00557
SM_V9_4 Liftoff exon    1133326 1133515 .       +       .
Parent=Smp_150690.1
SM_V9_4 Liftoff exon    1133557 1133685 .       +       .
Parent=Smp_150690.1
SM_V9_4 Liftoff exon    1133718 1133829 .       +       .
Parent=Smp_150690.1
SM_V9_4 Liftoff exon    1133863 1133932 .       +       .
Parent=Smp_150690.1
SM_V9_4 Liftoff exon    1133967 1134059 .       +       .
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SM_V9_4 Liftoff exon    1134195 1134431 .       +       .
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SM_V9_4 Liftoff exon    1134467 1134518 .       +       .
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SM_V9_4 Liftoff exon    1134559 1134653 .       +       .
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SM_V9_4 Liftoff exon    1134686 1134813 .       +       .
Parent=Smp_150690.1
SM_V9_4 Liftoff exon    1134849 1134976 .       +       .
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SM_V9_4 Liftoff CDS     1133428 1133515 .       +       0
Parent=Smp_150690.1
SM_V9_4 Liftoff CDS     1133557 1133685 .       +       2
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SM_V9_4 Liftoff CDS     1133863 1133932 .       +       1
Parent=Smp_150690.1
SM_V9_4 Liftoff CDS     1133967 1134059 .       +       0
Parent=Smp_150690.1
SM_V9_4 Liftoff CDS     1134097 1134160 .       +       0
Parent=Smp_150690.1
SM_V9_4 Liftoff CDS     1134195 1134431 .       +       2
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SM_V9_4 Liftoff CDS     1134467 1134518 .       +       2
Parent=Smp_150690.1
SM_V9_4 Liftoff CDS     1134559 1134653 .       +       1
Parent=Smp_150690.1
SM_V9_4 Liftoff CDS     1134686 1134813 .       +       2
Parent=Smp_150690.1
SM_V9_4 Liftoff CDS     1134849 1134932 .       +       0
Parent=Smp_150690.1
SM_V9_4 iris    gene    1156486 1169690 .       +       .
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ID=Smp_150680;geneID=Smp_150680;gene_name=Smp_150680;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_4 iris    mRNA    1156486 1169690 .       +       .
ID=Smp_150680.1;Parent=Smp_150680;geneID=Smp_150680;gene_name=Smp_15
0680;owner=irisadmin@local.host;orig_id=Smp_150680.1;date_last_modif
ied=2022-08-30;Name=Smp_150680.1;product=Tryptophan--tRNA ligase,
mitochondrial;date_creation=2022-08-30
SM_V9_4 iris    exon    1156486 1156551 .       +       .
Parent=Smp_150680.1;Name=5e34bb66-a81c-4357-8606-253d97265773
SM_V9_4 iris    exon    1158812 1159237 .       +       .
Parent=Smp_150680.1;Name=720f1146-088a-45c4-b37b-bc86d7887018
SM_V9_4 iris    exon    1161846 1162151 .       +       .
Parent=Smp_150680.1;Name=2411c2ae-c7dd-4f4b-8f7d-354ce388a0a6
SM_V9_4 iris    exon    1166201 1166401 .       +       .
Parent=Smp_150680.1;Name=ebcc5f92-5b99-481a-ac0b-56e72b861a1b
SM_V9_4 iris    exon    1169312 1169690 .       +       .
Parent=Smp_150680.1;Name=51273d7a-bc7d-4d7c-b33d-c71402b2e81c
SM_V9_4 iris    CDS     1158812 1159237 .       +       0
Parent=Smp_150680.1
SM_V9_4 iris    CDS     1161846 1162151 .       +       0
Parent=Smp_150680.1
SM_V9_4 iris    CDS     1166201 1166401 .       +       0
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SM_V9_4 iris    CDS     1169312 1169593 .       +       0
Parent=Smp_150680.1
SM_V9_4 Liftoff gene    1181471 1189292 .       -       .
ID=Smp_053230;geneID=Smp_053230
SM_V9_4 Liftoff mRNA    1181471 1189292 .       -       .
ID=Smp_053230.1;Parent=Smp_053230;geneID=Smp_053230;product=NADH-
cytochrome b5 reductase
1;polypeptide_domain=InterPro:IPR001433,IPR001709,IPR001834,IPR00833
3,IPR017927,IPR017938
Pfam:PF00175,PF00970;Ontology_term=GO:0016491,GO:0055114
SM_V9_4 Liftoff exon    1181471 1181844 .       -       .
Parent=Smp_053230.1
SM_V9_4 Liftoff exon    1183233 1183332 .       -       .
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SM_V9_4 Liftoff exon    1188683 1188789 .       -       .
Parent=Smp_053230.1
SM_V9_4 Liftoff exon    1188828 1188900 .       -       .
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SM_V9_4 Liftoff exon    1188934 1189071 .       -       .
Parent=Smp_053230.1
SM_V9_4 Liftoff exon    1189109 1189292 .       -       .
Parent=Smp_053230.1
SM_V9_4 Liftoff CDS     1181672 1181844 .       -       2
Parent=Smp_053230.1
SM_V9_4 Liftoff CDS     1183233 1183332 .       -       0
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SM_V9_4 Liftoff CDS     1184446 1184615 .       -       2
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Parent=Smp_053230.1
SM_V9_4 Liftoff CDS     1186614 1186743 .       -       0
Parent=Smp_053230.1
SM_V9_4 Liftoff CDS     1188683 1188789 .       -       2
Parent=Smp_053230.1
SM_V9_4 Liftoff CDS     1188828 1188900 .       -       0
Parent=Smp_053230.1
SM_V9_4 Liftoff CDS     1188934 1189071 .       -       0
Parent=Smp_053230.1
SM_V9_4 Liftoff CDS     1189109 1189132 .       -       0
Parent=Smp_053230.1
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ID=Smp_053220;geneID=Smp_053220;gene_name=Smp_053220;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-09-04
SM_V9_4 iris    mRNA    1205610 1222209 .       +       .
ID=Smp_053220.1;Parent=Smp_053220;geneID=Smp_053220;gene_name=Smp_05
3220;owner=irisadmin@local.host;orig_id=Smp_053220.1;date_last_modif
ied=2022-09-04;Name=Smp_053220.1;product=Aldo-keto reductase family
1 member B10;date_creation=2022-09-04
SM_V9_4 iris    exon    1205610 1205752 .       +       .
Parent=Smp_053220.1;Name=cb9a3cc5-5aae-41d2-a2ec-3229ddeca442
SM_V9_4 iris    exon    1209211 1209280 .       +       .
Parent=Smp_053220.1;Name=07ed31e6-c00d-4aca-943f-ba83405c95c3
SM_V9_4 iris    exon    1209319 1209486 .       +       .
Parent=Smp_053220.1;Name=9b2235cc-1ddc-41c9-8648-7bba0e0b00b3
SM_V9_4 iris    exon    1209524 1209640 .       +       .
Parent=Smp_053220.1;Name=b1d85969-5a7b-43bb-98b8-0cc5e689823c
SM_V9_4 iris    exon    1209677 1209754 .       +       .
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SM_V9_4 iris    exon    1211810 1212033 .       +       .
Parent=Smp_053220.1;Name=a6fe8824-224e-439e-a6e5-d2f8c927532a
SM_V9_4 iris    exon    1218429 1218585 .       +       .
Parent=Smp_053220.1;Name=d19562b3-8e5a-449d-ad81-987c261b0b6e
SM_V9_4 iris    exon    1219938 1220020 .       +       .
Parent=Smp_053220.1;Name=39280687-6914-46a2-b81b-46462d3e7343
SM_V9_4 iris    exon    1222053 1222209 .       +       .
Parent=Smp_053220.1;Name=64507728-4f60-49cf-877a-379c88d1fe6d
SM_V9_4 iris    CDS     1209218 1209280 .       +       0
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SM_V9_4 iris    CDS     1209677 1209754 .       +       0
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SM_V9_4 iris    CDS     1211810 1212033 .       +       0
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SM_V9_4 iris    CDS     1218429 1218585 .       +       1
Parent=Smp_053220.1
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ID=Smp_347930.1;Parent=Smp_347930;geneID=Smp_347930;product=SH3
domain-binding protein 5-like;polypeptide_domain=InterPro:IPR007940
Pfam:PF05276;Ontology_term=GO:0035556
SM_V9_4 Liftoff exon    1235160 1237236 .       +       .
Parent=Smp_347930.1
SM_V9_4 Liftoff exon    1237291 1237353 .       +       .
Parent=Smp_347930.1
SM_V9_4 Liftoff exon    1237400 1237687 .       +       .
Parent=Smp_347930.1
SM_V9_4 Liftoff exon    1240250 1240380 .       +       .
Parent=Smp_347930.1
SM_V9_4 Liftoff exon    1243984 1244026 .       +       .
Parent=Smp_347930.1
SM_V9_4 Liftoff exon    1254399 1254875 .       +       .
Parent=Smp_347930.1
SM_V9_4 Liftoff exon    1258220 1259217 .       +       .
Parent=Smp_347930.1
SM_V9_4 Liftoff CDS     1237180 1237236 .       +       0
Parent=Smp_347930.1
SM_V9_4 Liftoff CDS     1237291 1237353 .       +       0
Parent=Smp_347930.1
SM_V9_4 Liftoff CDS     1237400 1237687 .       +       0
Parent=Smp_347930.1
SM_V9_4 Liftoff CDS     1240250 1240380 .       +       0
Parent=Smp_347930.1
SM_V9_4 Liftoff CDS     1243984 1244026 .       +       1
Parent=Smp_347930.1
SM_V9_4 Liftoff CDS     1254399 1254875 .       +       0
Parent=Smp_347930.1
SM_V9_4 Liftoff CDS     1258220 1258612 .       +       0
Parent=Smp_347930.1
SM_V9_4 Liftoff mRNA    1235177 1259217 .       +       .
ID=Smp_347930.2;Parent=Smp_347930;geneID=Smp_347930;product=SH3
domain-binding protein 5-like;polypeptide_domain=InterPro:IPR007940
Pfam:PF05276;Ontology_term=GO:0035556
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Parent=Smp_347930.2
SM_V9_4 Liftoff exon    1237291 1237353 .       +       .
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SM_V9_4 Liftoff exon    1237400 1237687 .       +       .
Parent=Smp_347930.2
SM_V9_4 Liftoff exon    1240250 1240380 .       +       .
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SM_V9_4 Liftoff exon    1243984 1244026 .       +       .
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SM_V9_4 Liftoff exon    1254399 1254875 .       +       .
Parent=Smp_347930.2
SM_V9_4 Liftoff exon    1258220 1259217 .       +       .
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SM_V9_4 Liftoff CDS     1237180 1237236 .       +       0
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SM_V9_4 Liftoff CDS     1237291 1237353 .       +       0
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SM_V9_4 Liftoff CDS     1240250 1240380 .       +       0
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SM_V9_4 Liftoff CDS     1243984 1244026 .       +       1
Parent=Smp_347930.2
SM_V9_4 Liftoff CDS     1254399 1254875 .       +       0
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Parent=Smp_347930.2
SM_V9_4 Liftoff gene    1266260 1269432 .       +       .
ID=Smp_328980;geneID=Smp_328980
SM_V9_4 Liftoff mRNA    1266260 1269432 .       +       .
ID=Smp_328980.1;Parent=Smp_328980;geneID=Smp_328980;product=Cystatin
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SM_V9_4 Liftoff exon    1266260 1266490 .       +       .
Parent=Smp_328980.1
SM_V9_4 Liftoff exon    1266546 1266659 .       +       .
Parent=Smp_328980.1
SM_V9_4 Liftoff exon    1269225 1269432 .       +       .
Parent=Smp_328980.1
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Parent=Smp_328980.1
SM_V9_4 Liftoff CDS     1266546 1266659 .       +       0
Parent=Smp_328980.1
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SM_V9_4 Liftoff exon    1340828 1340905 .       +       .
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SM_V9_4 iris    mRNA    1559970 1568454 .       +       .
ID=Smp_053160.1;Parent=Smp_053160;geneID=Smp_053160;gene_name=Smp_05
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SM_V9_4 iris    exon    1559970 1560163 .       +       .
Parent=Smp_053160.1;Name=5e3f8518-eaee-4488-b50d-b161a013a5ce
SM_V9_4 iris    exon    1560204 1560295 .       +       .
Parent=Smp_053160.1;Name=c5743509-fff2-4df4-bd0a-d76585a091b9
SM_V9_4 iris    exon    1560329 1560411 .       +       .
Parent=Smp_053160.1;Name=8527af65-4915-4cc7-8aef-8d414db23a3e
SM_V9_4 iris    exon    1560444 1560559 .       +       .
Parent=Smp_053160.1;Name=1c225a89-61e9-4b84-bab7-8a0c254ef301
SM_V9_4 iris    exon    1561758 1562104 .       +       .
Parent=Smp_053160.1;Name=773b1fa2-6cf5-4799-9f62-5c4fa6fe8b1a
SM_V9_4 iris    exon    1565175 1565288 .       +       .
Parent=Smp_053160.1;Name=9dfb13d6-2d78-418d-9109-0409fd843088
SM_V9_4 iris    exon    1567697 1568454 .       +       .
Parent=Smp_053160.1;Name=5e9c272b-064e-422a-8736-203afd2f040d
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Parent=Smp_053160.1
SM_V9_4 iris    CDS     1560204 1560295 .       +       2
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SM_V9_4 iris    exon    1572662 1572928 .       -       .
Parent=Smp_333990.1;Name=a34c7326-d064-4fb2-a3dc-21aa02074469
SM_V9_4 iris    exon    1574803 1575100 .       -       .
Parent=Smp_333990.1;Name=741f5d02-0cd2-4213-9cd1-cb20ee99128e
SM_V9_4 iris    exon    1575680 1575945 .       -       .
Parent=Smp_333990.1;Name=4ed0d961-88a7-40cb-a527-5028af5f9fcf
SM_V9_4 iris    exon    1584194 1584649 .       -       .
Parent=Smp_333990.1;Name=2014021f-54da-46c2-88af-0a9a8b3cdde8
SM_V9_4 iris    exon    1586998 1587159 .       -       .
Parent=Smp_333990.1;Name=43717ea4-6c63-4f57-9230-fe01d955c9a7
SM_V9_4 iris    exon    1589350 1589430 .       -       .
Parent=Smp_333990.1;Name=f5548c5b-f3fc-4685-9662-5d48da2c8239
SM_V9_4 iris    exon    1603248 1603319 .       -       .
Parent=Smp_333990.1;Name=988e26f4-215d-45cd-877d-59cbc324bf88
SM_V9_4 iris    exon    1603718 1603736 .       -       .
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SM_V9_4 iris    CDS     1572705 1572928 .       -       2
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Parent=Smp_333990.1
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Parent=Smp_333990.1
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ID=Smp_053140;geneID=Smp_053140
SM_V9_4 Liftoff mRNA    1613865 1621196 .       -       .
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12
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Parent=Smp_053130.1
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Parent=Smp_053130.1
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Parent=Smp_053130.1
SM_V9_4 Liftoff CDS     1631217 1631957 .       +       0
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SM_V9_4 iris    gene    1638455 1655114 .       +       .
ID=Smp_053120;geneID=Smp_053120;gene_name=Smp_053120;owner=irisadmin
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SM_V9_4 iris    exon    1642381 1642529 .       +       .
Parent=Smp_053120.1;Name=b1002272-9894-41a5-a5ec-286b248d5c76
SM_V9_4 iris    exon    1645447 1645647 .       +       .
Parent=Smp_053120.1;Name=20775946-bc7f-4ca8-9aa8-43f619e25a71
SM_V9_4 iris    exon    1649834 1650043 .       +       .
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SM_V9_4 iris    exon    1652429 1652744 .       +       .
Parent=Smp_053120.1;Name=4d679335-525c-4a92-9f34-d00f13503bee
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Parent=Smp_053120.1;Name=fb4d5630-f686-4daf-a152-e98f0486f7d6
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SM_V9_4 iris    CDS     1652429 1652744 .       +       1
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SM_V9_4 iris    CDS     1654890 1654979 .       +       0
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ID=Smp_150610;geneID=Smp_150610
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ID=Smp_150610.1;Parent=Smp_150610;geneID=Smp_150610;product=39S
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ID=Smp_086910;geneID=Smp_086910;gene_name=Smp_086910;owner=irisadmin
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16;date_creation=2022-07-29
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SM_V9_4 iris    exon    1740409 1740508 .       +       .
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SM_V9_4 iris    exon    1744997 1745358 .       -       .
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SM_V9_4 iris    exon    1746816 1746949 .       -       .
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Parent=Smp_328990.1
SM_V9_4 iris    CDS     1746816 1746848 .       -       0
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SM_V9_4 Liftoff exon    1756228 1756421 .       +       .
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ID=Smp_214070;geneID=Smp_214070
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ID=Smp_214070.1;Parent=Smp_214070;geneID=Smp_214070;product=LEM
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Parent=Smp_214070.1
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Parent=Smp_214070.1
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Parent=Smp_214070.1
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ID=Smp_242680;geneID=Smp_242680;gene_name=Smp_242680;owner=irisadmin
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ID=Smp_242680.1;Parent=Smp_242680;geneID=Smp_242680;gene_name=Smp_24
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SM_V9_4 iris    exon    1776941 1777013 .       +       .
Parent=Smp_242680.1;Name=e1cff3fa-24a8-4416-8d22-b79ef64d8ff7
SM_V9_4 iris    exon    1777060 1777134 .       +       .
Parent=Smp_242680.1;Name=bcfdb8d4-fad1-4c4c-ac31-e790f5ec0d18
SM_V9_4 iris    exon    1777734 1777992 .       +       .
Parent=Smp_242680.1;Name=daf0138d-f536-4d62-b27d-212457b949bd
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Parent=Smp_242680.1;Name=2b759c64-ff2e-4ad2-809a-97ebb863a499
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Parent=Smp_242680.1;Name=2cbd2c6a-b472-4ca2-b3a0-2414ca635456
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Parent=Smp_242680.1;Name=4338c58b-59a5-4c79-b1cb-3a8a2798cc85
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Parent=Smp_242680.1
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Parent=Smp_242680.1
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Parent=Smp_242680.1
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2022-08-01
SM_V9_4 iris    exon    2721374 2721715 .       -       .
Parent=Smp_335400.1;Name=18ab8fdb-c166-41e1-9e09-e4e5242b3d28
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ID=Smp_349700.1;Parent=Smp_349700;geneID=Smp_349700;gene_name=Smp_34
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SM_V9_4 iris    exon    2915778 2915805 .       +       .
Parent=Smp_349700.1;Name=Smp_349700.1-CDS
SM_V9_4 iris    exon    2915889 2916033 .       +       .
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SM_V9_4 iris    exon    2916221 2916290 .       +       .
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Parent=Smp_349700.1;Name=c9dd95ad-8317-421f-8330-736444b8fe96
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Parent=Smp_349700.1;Name=d1ab4602-61bf-4869-a643-caa72ed13b46
SM_V9_4 iris    exon    2921330 2921398 .       +       .
Parent=Smp_349700.1;Name=66d55a7e-31b0-456b-bb65-f1733bbeaf75
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SM_V9_4 Liftoff CDS     2930923 2930945 .       -       2
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ID=Smp_320890;geneID=Smp_320890
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Ts;polypeptide_domain=InterPro:IPR018502;Ontology_term=GO:0005509,GO
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SM_V9_4 Liftoff exon    2967956 2968160 .       -       .
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SM_V9_4 Liftoff CDS     2968044 2968160 .       -       0
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ID=Smp_349710.1;Parent=Smp_349710;geneID=Smp_349710;gene_name=Smp_34
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SM_V9_4 iris    exon    2973552 2973906 .       -       .
Parent=Smp_349710.1;Name=Smp_349710.1-CDS
SM_V9_4 iris    exon    2974005 2974085 .       -       .
Parent=Smp_349710.1;Name=221ac171-9ae6-48e7-b910-5b6458c40c46
SM_V9_4 iris    exon    2974863 2975011 .       -       .
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SM_V9_4 iris    exon    2975891 2975968 .       -       .
Parent=Smp_349710.1;Name=3a0c427a-d591-44db-9aaf-b8df46082cba
SM_V9_4 iris    exon    2977747 2977813 .       -       .
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SM_V9_4 iris    exon    2978792 2978856 .       -       .
Parent=Smp_349710.1;Name=8ea2799a-a56a-4962-8453-bcbeda836dcb
SM_V9_4 iris    exon    2979841 2979891 .       -       .
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SM_V9_4 iris    exon    2980934 2981056 .       -       .
Parent=Smp_349710.1;Name=623fa852-ddd8-4bbf-94c4-9f9d31e7ff58
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Parent=Smp_349710.1;Name=b04d714d-2975-4683-9b4d-13c09f5c9d37
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ID=Smp_350220;geneID=Smp_350220;gene_name=Smp_350220;owner=irisadmin
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ID=Smp_350220.1;Parent=Smp_350220;geneID=Smp_350220;gene_name=Smp_35
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SM_V9_4 iris    exon    3075563 3075591 .       +       .
Parent=Smp_350220.1;Name=Smp_350220.1-CDS
SM_V9_4 iris    exon    3075675 3075819 .       +       .
Parent=Smp_350220.1;Name=8f569097-9667-4ecc-b285-09bfcb369bca
SM_V9_4 iris    exon    3075857 3075949 .       +       .
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Parent=Smp_350220.1;Name=a52e60ae-65b2-4c28-bc31-af02f362d9e0
SM_V9_4 iris    exon    3076347 3076445 .       +       .
Parent=Smp_350220.1;Name=d6716406-fd9f-4ad5-86b8-8a1fe39a8e67
SM_V9_4 iris    exon    3077498 3077548 .       +       .
Parent=Smp_350220.1;Name=7e081f39-5549-495a-8314-e46f60e1407b
SM_V9_4 iris    exon    3078534 3078598 .       +       .
Parent=Smp_350220.1;Name=df4d7ea5-d3d6-4c37-be22-b0b9c99d89a4
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Parent=Smp_350220.1;Name=93491d9d-5af7-4484-9452-a52047e3581b
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Parent=Smp_350220.1;Name=4f1f6a90-65ab-4e98-af40-30683ea376dd
SM_V9_4 iris    exon    3082471 3082619 .       +       .
Parent=Smp_350220.1;Name=f9b16da6-5bd8-4111-8365-389a517b006b
SM_V9_4 iris    exon    3083398 3083526 .       +       .
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SM_V9_4 iris    exon    3083577 3083930 .       +       .
Parent=Smp_350220.1;Name=e384eb7a-0674-4f2a-93ea-ec9d41c5da4f
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SM_V9_4 iris    CDS     3079691 3079757 .       +       0
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ID=Smp_350230.1;Parent=Smp_350230;geneID=Smp_350230;gene_name=Smp_35
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Parent=Smp_350230.1;Name=c45fcadd-c845-49cb-b149-1d7ec719f655
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SM_V9_4 iris    exon    3151646 3151775 .       -       .
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SM_V9_4 iris    CDS     3144515 3144540 .       -       2
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Parent=Smp_329040.1
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Parent=Smp_329040.1
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pseudouridine synthase B
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SM_V9_4 Liftoff CDS     3306766 3306782 .       -       0
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Parent=Smp_329050.2
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ID=Smp_182600;geneID=Smp_182600
SM_V9_4 Liftoff mRNA    3355569 3355793 .       +       .
ID=Smp_182600.1;Parent=Smp_182600;geneID=Smp_182600;product=Ribosoma
l large subunit pseudouridine synthase
A;polypeptide_domain=InterPro:IPR008042 Pfam:PF05380
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Parent=Smp_182600.1
SM_V9_4 Liftoff CDS     3355569 3355793 .       +       0
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Parent=Smp_349740.1;Name=Smp_349740.1-CDS
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ID=Smp_316700.1;Parent=Smp_316700;geneID=Smp_316700;gene_name=Smp_31
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85
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SM_V9_4 iris    exon    4061786 4061848 .       -       .
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SM_V9_4 iris    exon    4061978 4062005 .       -       .
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ID=Smp_334010.1;Parent=Smp_334010;geneID=Smp_334010;product=5'-AMP-
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Parent=Smp_334010.1
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SM_V9_4 iris    exon    4153716 4154268 .       -       .
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CMGC Group, MAPK family, ERK subfamily;date_creation=2022-07-25
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SM_V9_4 iris    exon    4187146 4187249 .       +       .
Parent=Smp_142050.1;Name=faa3c55a-dbeb-43d7-86e9-ae26d05d478b
SM_V9_4 iris    exon    4187286 4187371 .       +       .
Parent=Smp_142050.1;Name=14f8584f-fc4e-4c8c-9360-1849d5bbacbb
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Parent=Smp_142050.1;Name=571ac153-7e43-4934-a5d1-c37c0f6cd98b
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SM_V9_4 iris    exon    4243107 4243185 .       +       .
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Parent=Smp_036920.1
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Pfam:PF00584;Ontology_term=GO:0006605,GO:0006886,GO:0015031,GO:00154
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ID=Smp_036950;geneID=Smp_036950
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Parent=Smp_036950.1
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Parent=Smp_036990.1;Name=d9f74e2f-283d-4a2c-9cd3-9dc96def12d8
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SM_V9_4 iris    exon    4465190 4465256 .       -       .
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Parent=Smp_142090.1;Name=ea8257b7-cc76-4400-9758-3d55049bbd6b
SM_V9_4 iris    exon    4669254 4669348 .       +       .
Parent=Smp_142090.1;Name=48a348a6-7a6d-4b04-9875-859db9cceebe
SM_V9_4 iris    exon    4671329 4671524 .       +       .
Parent=Smp_142090.1;Name=c94775ff-45af-4f06-b436-7d5de698b404
SM_V9_4 iris    exon    4674455 4674572 .       +       .
Parent=Smp_142090.1;Name=9befa8af-f492-4015-a577-e335187136b7
SM_V9_4 iris    exon    4675421 4675614 .       +       .
Parent=Smp_142090.1;Name=5580bc0e-86f0-4455-b48e-3e4e7f781e3d
SM_V9_4 iris    exon    4681408 4681524 .       +       .
Parent=Smp_142090.1;Name=e0b96285-1a50-4f72-9d7c-bf940130e2a7
SM_V9_4 iris    exon    4685055 4685192 .       +       .
Parent=Smp_142090.1;Name=fc88a880-bf35-4ffa-80a2-0141de336acd
SM_V9_4 iris    exon    4687759 4687898 .       +       .
Parent=Smp_142090.1;Name=d3b3acac-da2c-4929-ab16-8194b8db4d17
SM_V9_4 iris    exon    4691269 4691872 .       +       .
Parent=Smp_142090.1;Name=db08ae67-9a19-4361-9d34-c91ee399d6cd
SM_V9_4 iris    exon    4694379 4694948 .       +       .
Parent=Smp_142090.1;Name=a5583b10-316e-4602-8ba0-542a9da637f0
SM_V9_4 iris    exon    4695705 4695792 .       +       .
Parent=Smp_142090.1;Name=b5639166-1d14-4255-b4c8-8f1a7a05b678
SM_V9_4 iris    exon    4697650 4698029 .       +       .
Parent=Smp_142090.1;Name=39ababd6-3d5c-44b0-a0a0-6caf58da5534
SM_V9_4 iris    exon    4700695 4700769 .       +       .
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Parent=Smp_142090.1;Name=0d4deee5-4db9-4b65-b92c-68bccda0697a
SM_V9_4 iris    exon    4703895 4704803 .       +       .
Parent=Smp_142090.1;Name=9c6ddd82-27d7-4fec-a2ba-09eea73c5670
SM_V9_4 iris    CDS     4668027 4668140 .       +       0
Parent=Smp_142090.1
SM_V9_4 iris    CDS     4668197 4668247 .       +       0
Parent=Smp_142090.1
SM_V9_4 iris    CDS     4669254 4669348 .       +       0
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SM_V9_4 iris    CDS     4671329 4671524 .       +       1
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SM_V9_4 iris    CDS     4674455 4674572 .       +       0
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SM_V9_4 iris    CDS     4695705 4695792 .       +       0
Parent=Smp_142090.1
SM_V9_4 iris    CDS     4697650 4698029 .       +       2
Parent=Smp_142090.1
SM_V9_4 iris    CDS     4700695 4700769 .       +       0
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SM_V9_4 iris    CDS     4703895 4703996 .       +       0
Parent=Smp_142090.1
SM_V9_4 Liftoff gene    4707409 4707738 .       +       .
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SM_V9_4 Liftoff mRNA    4707409 4707738 .       +       .
ID=Smp_178170.1;Parent=Smp_178170;geneID=Smp_178170;product=Protein
hu-li tai shao
SM_V9_4 Liftoff exon    4707409 4707738 .       +       .
Parent=Smp_178170.1
SM_V9_4 Liftoff CDS     4707409 4707738 .       +       0
Parent=Smp_178170.1
SM_V9_4 Liftoff gene    4766497 4766682 .       +       .
ID=Smp_201290;geneID=Smp_201290
SM_V9_4 Liftoff mRNA    4766497 4766682 .       +       .
ID=Smp_201290.1;Parent=Smp_201290;geneID=Smp_201290;product=J
protein JJJ2
SM_V9_4 Liftoff exon    4766497 4766682 .       +       .
Parent=Smp_201290.1
SM_V9_4 Liftoff CDS     4766497 4766682 .       +       0
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Parent=Smp_201290.1
SM_V9_4 iris    gene    4775700 4785231 .       +       .
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SM_V9_4 iris    mRNA    4775700 4785231 .       +       .
ID=Smp_344900.1;Parent=Smp_344900;geneID=Smp_344900;gene_name=Smp_34
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SM_V9_4 iris    exon    4775700 4775736 .       +       .
Parent=Smp_344900.1;Name=d21c768e-98cb-4fd9-bb84-7b0cddb71056
SM_V9_4 iris    exon    4778172 4778390 .       +       .
Parent=Smp_344900.1;Name=63b8bcbf-747f-4222-858f-c9a5c2718f11
SM_V9_4 iris    exon    4779858 4779969 .       +       .
Parent=Smp_344900.1;Name=926acb1a-1d2e-46ed-af3c-6777438d2fba
SM_V9_4 iris    exon    4780022 4780075 .       +       .
Parent=Smp_344900.1;Name=c0a75c9c-99f1-4bcb-b0e7-d4ed892553fc
SM_V9_4 iris    exon    4780185 4780348 .       +       .
Parent=Smp_344900.1;Name=6ef7f3b6-3022-4dca-a0bf-237d3ffc25e2
SM_V9_4 iris    exon    4780963 4781021 .       +       .
Parent=Smp_344900.1;Name=8e7bef07-ead5-47fe-8476-a4597434ae1e
SM_V9_4 iris    exon    4783198 4783916 .       +       .
Parent=Smp_344900.1;Name=cbb0cbac-3d8f-48af-8d27-1266ac29892a
SM_V9_4 iris    exon    4784880 4785231 .       +       .
Parent=Smp_344900.1;Name=6b6c90c1-3c7d-4950-805c-19cca8012445
SM_V9_4 iris    CDS     4778229 4778390 .       +       0
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Parent=Smp_344900.1
SM_V9_4 iris    CDS     4780185 4780348 .       +       2
Parent=Smp_344900.1
SM_V9_4 iris    CDS     4780963 4781021 .       +       0
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ID=Smp_334030;geneID=Smp_334030;gene_name=Smp_334030;owner=irisadmin
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SM_V9_4 iris    mRNA    4805081 4885119 .       -       .
ID=Smp_334030.1;Parent=Smp_334030;geneID=Smp_334030;gene_name=Smp_33
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ied=2022-07-25;Name=Smp_334030.1;product=Hypothetical
protein;date_creation=2022-07-25
SM_V9_4 iris    exon    4805081 4805853 .       -       .
Parent=Smp_334030.1;Name=45cc54db-5570-4e1c-b9d8-26c38ee08371
SM_V9_4 iris    exon    4809331 4809837 .       -       .
Parent=Smp_334030.1;Name=9ea7e9c5-4b6b-4ef8-abe7-ddbde94afcc3
SM_V9_4 iris    exon    4815290 4815574 .       -       .
Parent=Smp_334030.1;Name=482fcd1a-bcca-44bd-8e8e-b5a108a6d69b
SM_V9_4 iris    exon    4819019 4819345 .       -       .
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Parent=Smp_334030.1;Name=0ad66a9e-8481-450c-af68-3a2b49ed5f11
SM_V9_4 iris    exon    4821971 4822093 .       -       .
Parent=Smp_334030.1;Name=1f36b176-8ea9-43a5-aeb2-a9c6355f1ccb
SM_V9_4 iris    exon    4826483 4826815 .       -       .
Parent=Smp_334030.1;Name=f3ff4ff9-2d7e-4254-8d17-633f84ba6633
SM_V9_4 iris    exon    4838451 4838627 .       -       .
Parent=Smp_334030.1;Name=6295f237-df6f-4727-b2a9-7a68076b6603
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Parent=Smp_334030.1;Name=673ce195-d00c-4a1a-87c5-b0026ae7ae98
SM_V9_4 iris    exon    4885090 4885119 .       -       .
Parent=Smp_334030.1;Name=a7cd4c16-a778-4df0-b4e2-3d0852ab1d10
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Parent=Smp_334030.1
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SM_V9_4 iris    CDS     4870119 4871553 .       -       0
Parent=Smp_334030.1
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ID=Smp_334030.2;Parent=Smp_334030;geneID=Smp_334030;gene_name=Smp_33
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Parent=Smp_334030.2;Name=1828679a-b3ca-4786-a5b9-eee05b3e21fc
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Parent=Smp_334030.2;Name=fc197f73-2c2f-4499-a951-c85c4fc83116
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Parent=Smp_334030.2;Name=7d5b1031-bb54-4de0-b288-1a60577b9357
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Parent=Smp_334030.2;Name=8322f45e-9912-4cb9-95c4-7e0d348ae8e2
SM_V9_4 iris    exon    4821971 4822093 .       -       .
Parent=Smp_334030.2;Name=1a49b7b9-f923-4438-b320-ff691828aba7
SM_V9_4 iris    exon    4826483 4826815 .       -       .
Parent=Smp_334030.2;Name=7e46ddd6-c4b4-4271-8240-69c8a8e654e9
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Parent=Smp_334030.2;Name=4a420701-37db-4a29-be99-872716012919
SM_V9_4 iris    exon    4850055 4852355 .       -       .
Parent=Smp_334030.2;Name=b52097bb-58b0-439f-97fb-79bd1f647a9e
SM_V9_4 iris    exon    4856558 4856615 .       -       .
Parent=Smp_334030.2;Name=494fc006-40f6-470b-a6a8-86286851cc86
SM_V9_4 iris    exon    4859093 4859767 .       -       .
Parent=Smp_334030.2;Name=fa4d5d68-6b3f-42ef-9cc9-8c24092864ce
SM_V9_4 iris    exon    4870119 4871644 .       -       .
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Parent=Smp_334030.2
SM_V9_4 iris    CDS     4809331 4809837 .       -       2
Parent=Smp_334030.2
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Parent=Smp_334030.2
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Parent=Smp_334030.2
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Parent=Smp_334030.2
SM_V9_4 iris    CDS     4826483 4826815 .       -       2
Parent=Smp_334030.2
SM_V9_4 iris    CDS     4838451 4838627 .       -       2
Parent=Smp_334030.2
SM_V9_4 iris    CDS     4850055 4852047 .       -       0
Parent=Smp_334030.2
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ID=Smp_158110;geneID=Smp_158110
SM_V9_4 Liftoff mRNA    4835271 4836680 .       +       .
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,IPR019479,IPR024706
Pfam:PF00578,PF10417;Ontology_term=GO:0016209,GO:0016491,GO:0045454,
GO:0051920,GO:0055114
SM_V9_4 Liftoff exon    4835271 4835541 .       +       .
Parent=Smp_158110.1
SM_V9_4 Liftoff exon    4835625 4835864 .       +       .
Parent=Smp_158110.1
SM_V9_4 Liftoff exon    4836408 4836680 .       +       .
Parent=Smp_158110.1
SM_V9_4 Liftoff CDS     4835414 4835541 .       +       0
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SM_V9_4 Liftoff CDS     4835625 4835864 .       +       1
Parent=Smp_158110.1
SM_V9_4 Liftoff CDS     4836408 4836624 .       +       1
Parent=Smp_158110.1
SM_V9_4 Liftoff mRNA    4835271 4836680 .       +       .
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peroxidase;polypeptide_domain=InterPro:IPR000866,IPR012336,IPR013766
,IPR024706
Pfam:PF00578;Ontology_term=GO:0016209,GO:0016491,GO:0045454,GO:00551
14
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Parent=Smp_158110.2
SM_V9_4 Liftoff exon    4835625 4836680 .       +       .
Parent=Smp_158110.2
SM_V9_4 Liftoff CDS     4835414 4835541 .       +       0
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ID=Smp_066480.1;Parent=Smp_066480;geneID=Smp_066480;product=Probable
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mitochondrial;polypeptide_domain=InterPro:IPR000307,IPR023803
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12
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Parent=Smp_066480.1
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Parent=Smp_066480.1
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Parent=Smp_066480.1
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Parent=Smp_066480.1
SM_V9_4 Liftoff CDS     4903887 4904169 .       -       1
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SM_V9_4 Liftoff exon    4958926 4960874 .       -       .
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SM_V9_4 Liftoff CDS     4921864 4922095 .       -       1
Parent=Smp_344910.1
SM_V9_4 Liftoff CDS     4924906 4924999 .       -       2
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Parent=Smp_344910.1
SM_V9_4 Liftoff CDS     4949132 4949260 .       -       2
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ID=Smp_345540;geneID=Smp_345540;gene_name=Smp_345540;owner=irisadmin
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SM_V9_4 iris    mRNA    4984738 4999898 .       +       .
ID=Smp_345540.1;Parent=Smp_345540;geneID=Smp_345540;gene_name=Smp_34
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Parent=Smp_345540.1;Name=b7019ff2-3e5e-4180-a0c3-df4ae72238b6
SM_V9_4 iris    exon    4985848 4985983 .       +       .
Parent=Smp_345540.1;Name=ca0ec14b-162f-479d-b9af-32a1f3af4626
SM_V9_4 iris    exon    4986037 4986240 .       +       .
Parent=Smp_345540.1;Name=898259c9-463c-4a9c-a6d9-2bbf8a2f01c2
SM_V9_4 iris    exon    4986293 4986494 .       +       .
Parent=Smp_345540.1;Name=a53100d9-9e10-4108-8416-a49fc33df063
SM_V9_4 iris    exon    4986547 4986616 .       +       .
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SM_V9_4 iris    exon    4986676 4986754 .       +       .
Parent=Smp_345540.1;Name=addc4252-b08b-43ad-a8f4-b747e3ba8676
SM_V9_4 iris    exon    4986812 4986873 .       +       .
Parent=Smp_345540.1;Name=60f11f75-0dc4-4fa5-9588-84264a676d8e
SM_V9_4 iris    exon    4986921 4986961 .       +       .
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SM_V9_4 iris    exon    4993594 4993773 .       +       .
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SM_V9_4 iris    CDS     4986921 4986961 .       +       0
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Parent=Smp_345540.1
SM_V9_4 Liftoff gene    5009688 5010602 .       +       .
ID=Smp_079000;geneID=Smp_079000
SM_V9_4 Liftoff mRNA    5009688 5010602 .       +       .
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Pfam:PF03357;Ontology_term=GO:0007034
SM_V9_4 Liftoff exon    5009688 5010132 .       +       .
Parent=Smp_079000.1
SM_V9_4 Liftoff exon    5010170 5010602 .       +       .
Parent=Smp_079000.1
SM_V9_4 Liftoff CDS     5009752 5010132 .       +       0
Parent=Smp_079000.1
SM_V9_4 Liftoff CDS     5010170 5010379 .       +       0
Parent=Smp_079000.1
SM_V9_4 Liftoff gene    5018411 5018698 .       -       .
ID=Smp_164700;geneID=Smp_164700
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ID=Smp_164700.1;Parent=Smp_164700;geneID=Smp_164700;product=Putative
uncharacterized protein RC0841
SM_V9_4 Liftoff exon    5018411 5018698 .       -       .
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SM_V9_4 Liftoff CDS     5018411 5018698 .       -       0
Parent=Smp_164700.1
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SM_V9_4 Liftoff gene    5035728 5058331 .       +       .
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R014710,IPR018488,IPR018490
Pfam:PF00027,PF02197;Ontology_term=GO:0001932,GO:0005952,GO:0008603
SM_V9_4 Liftoff exon    5035728 5058331 .       +       .
Parent=Smp_079010.1
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ID=Smp_164710;geneID=Smp_164710
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n modification-related protein eaf3
SM_V9_4 Liftoff exon    5076379 5076648 .       +       .
Parent=Smp_164710.1
SM_V9_4 Liftoff CDS     5076379 5076648 .       +       0
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SM_V9_4 iris    gene    5111238 5144622 .       +       .
ID=Smp_345550;geneID=Smp_345550;gene_name=Smp_345550;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
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771;date_creation=2022-07-25
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SM_V9_4 iris    exon    5117642 5118084 .       +       .
Parent=Smp_345550.1;Name=1e01c2a9-bde2-402f-993d-d2b72b42ab30
SM_V9_4 iris    exon    5119683 5119788 .       +       .
Parent=Smp_345550.1;Name=aaf5e710-a60f-4f25-9afd-256618859bf8
SM_V9_4 iris    exon    5122275 5122745 .       +       .
Parent=Smp_345550.1;Name=05cea33b-2966-45c1-9caf-6913e0ea8e0b
SM_V9_4 iris    exon    5123548 5123907 .       +       .
Parent=Smp_345550.1;Name=8b2c71cd-da34-482d-a1e2-65eec41453c2
SM_V9_4 iris    exon    5126964 5127464 .       +       .
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SM_V9_4 iris    exon    5130369 5130623 .       +       .
Parent=Smp_345550.1;Name=b4d399e5-9572-4283-8367-a4c69274fc5c
SM_V9_4 iris    exon    5133384 5133491 .       +       .
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SM_V9_4 iris    exon    5139803 5140174 .       +       .
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SM_V9_4 iris    exon    5141625 5144622 .       +       .
Parent=Smp_345550.1;Name=3d75c293-f1a5-4371-80c5-91226158c2a4
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SM_V9_4 iris    CDS     5117642 5118084 .       +       0
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SM_V9_4 iris    CDS     5126964 5127464 .       +       0
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SM_V9_4 iris    CDS     5133384 5133491 .       +       0
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Parent=Smp_164730.1
SM_V9_4 Liftoff CDS     5157316 5158830 .       -       0
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Pfam:PF01749;Ontology_term=GO:0005634,GO:0005737,GO:0006606,GO:00085
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SM_V9_4 Liftoff exon    5229948 5230406 .       +       .
Parent=Smp_168490.1
SM_V9_4 Liftoff CDS     5229948 5230406 .       +       0
Parent=Smp_168490.1
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ID=Smp_197180;geneID=Smp_197180
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Pfam:PF05918;Ontology_term=GO:0005488
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SM_V9_4 Liftoff CDS     5283494 5283766 .       -       0
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SM_V9_4 Liftoff CDS     5283806 5283880 .       -       0
Parent=Smp_197180.1
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3;polypeptide_domain=InterPro:IPR000717,IPR011990,IPR011991,IPR01358
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SM_V9_4 Liftoff CDS     5298570 5298704 .       +       0
Parent=Smp_085310.1
SM_V9_4 Liftoff CDS     5299306 5299482 .       +       0
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12
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SM_V9_4 Liftoff exon    5311263 5311354 .       -       .
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SM_V9_4 Liftoff CDS     5311263 5311274 .       -       0
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Parent=Smp_085290.1
SM_V9_4 Liftoff CDS     5340491 5340604 .       -       0
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Parent=Smp_168460.1
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SM_V9_4 Liftoff CDS     5352577 5352924 .       +       0
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SM_V9_4 Liftoff CDS     5357009 5357106 .       +       1
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SM_V9_4 Liftoff CDS     5358381 5358469 .       +       2
Parent=Smp_168460.1
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ID=Smp_336080;geneID=Smp_336080;gene_name=Smp_336080;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    5378791 5392429 .       +       .
ID=Smp_336080.1;Parent=Smp_336080;geneID=Smp_336080;gene_name=Smp_33
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ied=2022-07-25;Name=Smp_336080.1;product=Glycoprotein-N-
acetylgalactosamine 3-beta-galactosyltransferase
1;date_creation=2022-07-25
SM_V9_4 iris    exon    5378791 5378867 .       +       .
Parent=Smp_336080.1;Name=14c68eb1-c8ee-47f3-973e-9987ff4b285a
SM_V9_4 iris    exon    5381778 5381967 .       +       .
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SM_V9_4 iris    CDS     5388917 5389058 .       +       0
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ID=Smp_168450.1;Parent=Smp_168450;geneID=Smp_168450;product=Glycopro
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1;polypeptide_domain=InterPro:IPR003378
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SM_V9_4 Liftoff exon    5408825 5408998 .       -       .
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82
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SM_V9_4 Liftoff CDS     6170598 6170721 .       +       2
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SM_V9_4 Liftoff CDS     6171394 6171604 .       +       1
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SM_V9_4 iris    exon    6199446 6199503 .       +       .
Parent=Smp_086460.1;Name=2ea194a9-0c8c-4ecb-8573-775acdc3f065
SM_V9_4 iris    exon    6199557 6200041 .       +       .
Parent=Smp_086460.1;Name=b3ca3b10-da85-46e4-a733-83e417522ab5
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SM_V9_4 iris    exon    6237620 6237784 .       +       .
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SM_V9_4 iris    CDS     6258434 6258516 .       +       2
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SM_V9_4 Liftoff exon    6680405 6680567 .       -       .
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SM_V9_4 Liftoff CDS     6635000 6635245 .       -       0
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SM_V9_4 Liftoff CDS     6636993 6637546 .       -       2
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Parent=Smp_343450.1
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SM_V9_4 Liftoff CDS     6659526 6660023 .       -       2
Parent=Smp_343450.1
SM_V9_4 Liftoff CDS     6662959 6663051 .       -       2
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SM_V9_4 Liftoff CDS     6665329 6665587 .       -       0
Parent=Smp_343450.1
SM_V9_4 Liftoff CDS     6669020 6669233 .       -       1
Parent=Smp_343450.1
SM_V9_4 Liftoff CDS     6673628 6673848 .       -       0
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SM_V9_4 Liftoff gene    6710847 6728981 .       +       .
ID=Smp_340700;geneID=Smp_340700;previous_systematic_id=Smp_036090
SM_V9_4 Liftoff mRNA    6710847 6728981 .       +       .
ID=Smp_340700.1;Parent=Smp_340700;geneID=Smp_340700;product=Ankyrin
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2;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF13637;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    6710847 6710958 .       +       .
Parent=Smp_340700.1
SM_V9_4 Liftoff exon    6710992 6711182 .       +       .
Parent=Smp_340700.1
SM_V9_4 Liftoff exon    6711216 6711383 .       +       .
Parent=Smp_340700.1
SM_V9_4 Liftoff exon    6718068 6718256 .       +       .
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SM_V9_4 Liftoff exon 6719377 6719600 . + .
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SM_V9_4 Liftoff exon 6721672 6721954 . + .
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SM_V9_4 Liftoff exon 6724919 6725034 . + .
Parent=Smp_340700.1
SM_V9_4 Liftoff exon 6725496 6725981 . + .
Parent=Smp_340700.1
SM_V9_4 Liftoff exon 6726627 6728981 . + .
Parent=Smp_340700.1
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Parent=Smp_340700.1
SM_V9_4 Liftoff CDS 6710992 6711182 . + 2
Parent=Smp_340700.1
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SM_V9_4 Liftoff CDS 6718068 6718256 . + 0
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SM_V9_4 Liftoff CDS 6719377 6719600 . + 0
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Parent=Smp_340700.1
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ID=Smp_343440;geneID=Smp_343440;previous_systematic_id=Smp_141590
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R014768,IPR016024
Pfam:PF06367,PF06371;Ontology_term=GO:0003779,GO:0005488,GO:0016043,
GO:0017048,GO:0030036
SM_V9_4 Liftoff exon 6747797 6748087 . + .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon 6748121 6748195 . + .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon 6748230 6748306 . + .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon 6748337 6748417 . + .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon 6748449 6748594 . + .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon 6748639 6748778 . + .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon 6748815 6748891 . + .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon 6750492 6750678 . + .
Parent=Smp_343440.1

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SM_V9_4 Liftoff exon    6752438 6752548 .       +       .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon    6754666 6754854 .       +       .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon    6757152 6757746 .       +       .
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SM_V9_4 Liftoff exon    6760845 6761319 .       +       .
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SM_V9_4 Liftoff exon    6762909 6763052 .       +       .
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SM_V9_4 Liftoff exon    6777795 6778011 .       +       .
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SM_V9_4 Liftoff exon    6779562 6779917 .       +       .
Parent=Smp_343440.1
SM_V9_4 Liftoff exon    6784410 6784538 .       +       .
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SM_V9_4 Liftoff CDS     6748639 6748778 .       +       2
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SM_V9_4 Liftoff CDS     6758821 6759298 .       +       2
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SM_V9_4 Liftoff CDS     6777795 6778011 .       +       0
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SM_V9_4 Liftoff CDS     6779562 6779917 .       +       2
Parent=Smp_343440.1
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SM_V9_4 Liftoff CDS     6784410 6784538 .       +       0
Parent=Smp_343440.1
SM_V9_4 Liftoff CDS     6786477 6786567 .       +       0
Parent=Smp_343440.1
SM_V9_4 Liftoff CDS     6788810 6788871 .       +       2
Parent=Smp_343440.1
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ID=Smp_036060;geneID=Smp_036060
SM_V9_4 Liftoff mRNA    6794538 6799313 .       -       .
ID=Smp_036060.1;Parent=Smp_036060;geneID=Smp_036060;product=Arginine
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SM_V9_4 Liftoff exon    6794538 6795869 .       -       .
Parent=Smp_036060.1
SM_V9_4 Liftoff exon    6795905 6799313 .       -       .
Parent=Smp_036060.1
SM_V9_4 Liftoff CDS     6794910 6795869 .       -       0
Parent=Smp_036060.1
SM_V9_4 Liftoff CDS     6795905 6796117 .       -       0
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ID=Smp_141580;geneID=Smp_141580
SM_V9_4 Liftoff mRNA    6808707 6833071 .       +       .
ID=Smp_141580.1;Parent=Smp_141580;geneID=Smp_141580;product=Serine/
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2;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_4 Liftoff exon    6808707 6813951 .       +       .
Parent=Smp_141580.1
SM_V9_4 Liftoff exon    6814368 6814439 .       +       .
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SM_V9_4 Liftoff exon    6818755 6819504 .       +       .
Parent=Smp_141580.1
SM_V9_4 Liftoff exon    6819678 6819814 .       +       .
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SM_V9_4 Liftoff exon    6823780 6824026 .       +       .
Parent=Smp_141580.1
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Parent=Smp_141580.1
SM_V9_4 Liftoff exon    6827873 6827962 .       +       .
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SM_V9_4 Liftoff exon    6832418 6833071 .       +       .
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SM_V9_4 Liftoff CDS     6813001 6813951 .       +       0
Parent=Smp_141580.1
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SM_V9_4 Liftoff CDS     6814368 6814439 .       +       0
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SM_V9_4 Liftoff CDS     6818755 6819504 .       +       0
Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6819678 6819814 .       +       0
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Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6823780 6824026 .       +       1
Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6825554 6825645 .       +       0
Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6827873 6827962 .       +       1
Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6828911 6829080 .       +       1
Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6829726 6829976 .       +       2
Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6830647 6830754 .       +       0
Parent=Smp_141580.1
SM_V9_4 Liftoff CDS     6831503 6831600 .       +       0
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SM_V9_4 Liftoff CDS     6832418 6832730 .       +       1
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SM_V9_4 Liftoff mRNA    6841177 6861698 .       +       .
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7;polypeptide_domain=InterPro:IPR003280,IPR013099
Pfam:PF07885;Ontology_term=GO:0005267,GO:0016020,GO:0071805
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SM_V9_4 Liftoff exon    6847662 6847948 .       +       .
Parent=Smp_141570.1
SM_V9_4 Liftoff exon    6858526 6858780 .       +       .
Parent=Smp_141570.1
SM_V9_4 Liftoff exon    6860908 6861698 .       +       .
Parent=Smp_141570.1
SM_V9_4 Liftoff CDS     6841217 6841739 .       +       0
Parent=Smp_141570.1
SM_V9_4 Liftoff CDS     6847662 6847948 .       +       2
Parent=Smp_141570.1
SM_V9_4 Liftoff CDS     6858526 6858780 .       +       0
Parent=Smp_141570.1
SM_V9_4 Liftoff CDS     6860908 6861312 .       +       0
Parent=Smp_141570.1
SM_V9_4 Liftoff gene    6865358 6879143 .       -       .
ID=Smp_093450;geneID=Smp_093450
SM_V9_4 Liftoff mRNA    6865358 6879143 .       -       .
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Parent=Smp_093450.1
SM_V9_4 Liftoff exon    6870291 6870342 .       -       .
Parent=Smp_093450.1
SM_V9_4 Liftoff exon    6871978 6872156 .       -       .
Parent=Smp_093450.1
SM_V9_4 Liftoff exon    6873429 6873760 .       -       .
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SM_V9_4 Liftoff exon    6874145 6874478 .       -       .
Parent=Smp_093450.1
SM_V9_4 Liftoff exon    6874516 6874587 .       -       .
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SM_V9_4 Liftoff exon    6874621 6874747 .       -       .
Parent=Smp_093450.1
SM_V9_4 Liftoff exon    6878873 6879143 .       -       .
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6865673 6865815 .       -       2
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6869000 6869426 .       -       0
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6870291 6870342 .       -       1
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6871978 6872156 .       -       0
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6873429 6873760 .       -       2
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6874145 6874478 .       -       0
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6874516 6874587 .       -       0
Parent=Smp_093450.1
SM_V9_4 Liftoff CDS     6874621 6874747 .       -       1
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ID=Smp_329100;geneID=Smp_329100
SM_V9_4 Liftoff mRNA    6883155 6884427 .       +       .
ID=Smp_329100.1;Parent=Smp_329100;geneID=Smp_329100;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    6883155 6883297 .       +       .
Parent=Smp_329100.1
SM_V9_4 Liftoff exon    6883345 6883421 .       +       .
Parent=Smp_329100.1
SM_V9_4 Liftoff exon    6883454 6884427 .       +       .
Parent=Smp_329100.1
SM_V9_4 Liftoff CDS     6883255 6883297 .       +       0
Parent=Smp_329100.1
SM_V9_4 Liftoff CDS     6883345 6883421 .       +       2
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SM_V9_4 Liftoff CDS     6883454 6883525 .       +       0
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ID=Smp_036020;geneID=Smp_036020;note=psid:Smp_191690
SM_V9_4 Liftoff mRNA    6899220 7007904 .       +       .
ID=Smp_036020.1;Parent=Smp_036020;geneID=Smp_036020;product=Hypothet
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protein;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR007110,IP
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Parent=Smp_036020.1
SM_V9_4 Liftoff exon    6954854 6955114 .       +       .
Parent=Smp_036020.1
SM_V9_4 Liftoff exon    6959552 6959620 .       +       .
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SM_V9_4 Liftoff exon    6974788 6975294 .       +       .
Parent=Smp_036020.1
SM_V9_4 Liftoff exon    6996652 6996773 .       +       .
Parent=Smp_036020.1
SM_V9_4 Liftoff exon    6999390 6999810 .       +       .
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Parent=Smp_036020.1
SM_V9_4 Liftoff CDS     6954854 6955114 .       +       2
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SM_V9_4 Liftoff CDS     6974788 6975294 .       +       2
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SM_V9_4 Liftoff CDS     6996652 6996773 .       +       2
Parent=Smp_036020.1
SM_V9_4 Liftoff CDS     6999390 6999810 .       +       0
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SM_V9_4 Liftoff CDS     7004881 7005699 .       +       2
Parent=Smp_036020.1
SM_V9_4 Liftoff CDS     7006620 7006663 .       +       2
Parent=Smp_036020.1
SM_V9_4 Liftoff mRNA    6899220 7007904 .       +       .
ID=Smp_036020.2;Parent=Smp_036020;geneID=Smp_036020;product=Hypothet
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protein;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR007110,IP
R013783
SM_V9_4 Liftoff exon    6899220 6929932 .       +       .
Parent=Smp_036020.2
SM_V9_4 Liftoff exon    6954854 6955114 .       +       .
Parent=Smp_036020.2
SM_V9_4 Liftoff exon    6959552 6959620 .       +       .
Parent=Smp_036020.2
SM_V9_4 Liftoff exon    6974788 6975294 .       +       .
Parent=Smp_036020.2
SM_V9_4 Liftoff exon    6996652 6996773 .       +       .
Parent=Smp_036020.2
SM_V9_4 Liftoff exon    6999390 6999810 .       +       .
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Parent=Smp_036020.2
SM_V9_4 Liftoff CDS     6954854 6955114 .       +       2
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SM_V9_4 Liftoff CDS     6959552 6959620 .       +       2
Parent=Smp_036020.2
SM_V9_4 Liftoff CDS     6974788 6975294 .       +       2
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SM_V9_4 Liftoff CDS     6996652 6996773 .       +       2
Parent=Smp_036020.2
SM_V9_4 Liftoff CDS     6999390 6999810 .       +       0
Parent=Smp_036020.2
SM_V9_4 Liftoff CDS     7004881 7005905 .       +       2
Parent=Smp_036020.2
SM_V9_4 Liftoff gene    7028068 7041361 .       -       .
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ID=Smp_008620;geneID=Smp_008620
SM_V9_4 Liftoff mRNA    7051890 7097153 .       +       .
ID=Smp_008620.1;Parent=Smp_008620;geneID=Smp_008620;product=Inactive
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Parent=Smp_008620.1
SM_V9_4 Liftoff exon    7055543 7055566 .       +       .
Parent=Smp_008620.1
SM_V9_4 Liftoff exon    7055614 7055755 .       +       .
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SM_V9_4 Liftoff exon    7060563 7060625 .       +       .
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SM_V9_4 Liftoff exon    7061089 7061229 .       +       .
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SM_V9_4 Liftoff exon    7062761 7063121 .       +       .
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SM_V9_4 Liftoff exon    7075529 7075819 .       +       .
Parent=Smp_008620.1
SM_V9_4 Liftoff exon    7079931 7080294 .       +       .
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SM_V9_4 Liftoff CDS     7060563 7060625 .       +       0
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SM_V9_4 Liftoff CDS     7079931 7080294 .       +       1
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SM_V9_4 Liftoff CDS     7084603 7084779 .       +       0
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SM_V9_4 Liftoff CDS     7085620 7085720 .       +       0
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SM_V9_4 Liftoff CDS     7086781 7086928 .       +       1
Parent=Smp_008620.1
SM_V9_4 Liftoff CDS     7096469 7097131 .       +       0
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SM_V9_4 Liftoff mRNA    7103814 7120285 .       -       .
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Parent=Smp_008610.1
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Parent=Smp_008610.1
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Parent=Smp_008610.1
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SM_V9_4 Liftoff CDS     7115990 7116190 .       -       2
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Parent=Smp_008610.1
SM_V9_4 Liftoff CDS     7119785 7120026 .       -       1
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SM_V9_4 Liftoff CDS     7120059 7120204 .       -       0
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ID=Smp_126760;geneID=Smp_126760;gene_name=Smp_126760;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    7124876 7180641 .       -       .
ID=Smp_126760.1;Parent=Smp_126760;geneID=Smp_126760;gene_name=Smp_12
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complex subunit 4;date_creation=2022-07-25
SM_V9_4 iris    exon    7124876 7125944 .       -       .
Parent=Smp_126760.1;Name=604e0237-298f-47bc-b91e-fbdd3d8fdc9f
SM_V9_4 iris    exon    7128364 7129143 .       -       .
Parent=Smp_126760.1;Name=ef944b86-37d5-42b5-b9f2-2eda479f282a
SM_V9_4 iris    exon    7129819 7129959 .       -       .
Parent=Smp_126760.1;Name=e0fb3d83-bfd7-47c1-9922-297ef332b6c7
SM_V9_4 iris    exon    7133529 7134292 .       -       .
Parent=Smp_126760.1;Name=f3e4ebf0-dbb0-4455-9202-abc2632456cc
SM_V9_4 iris    exon    7137238 7138004 .       -       .
Parent=Smp_126760.1;Name=82bd5c06-99b8-4344-9a8f-aaddca7c05dd
SM_V9_4 iris    exon    7143329 7144662 .       -       .
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Parent=Smp_126760.1;Name=a0d5e80d-649a-4e3f-9d08-f9bcbaba9ff6
SM_V9_4 iris    exon    7145764 7146371 .       -       .
Parent=Smp_126760.1;Name=2df58bae-194c-41ea-ba2b-a0ac38f4f761
SM_V9_4 iris    exon    7148486 7149601 .       -       .
Parent=Smp_126760.1;Name=0b8917a6-0399-422f-84f4-ac8c48e41eba
SM_V9_4 iris    exon    7153070 7153621 .       -       .
Parent=Smp_126760.1;Name=da8b2639-a786-4920-9975-daf7515366a2
SM_V9_4 iris    exon    7157285 7157465 .       -       .
Parent=Smp_126760.1;Name=baf6683a-13d0-40ac-ac39-fdf221b20d39
SM_V9_4 iris    exon    7158723 7159343 .       -       .
Parent=Smp_126760.1;Name=d1887768-f45f-478f-b517-2c8d6a7f6dc7
SM_V9_4 iris    exon    7161308 7161466 .       -       .
Parent=Smp_126760.1;Name=d8512b9a-e208-453d-9b3f-53e15e2a989f
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Parent=Smp_126760.1;Name=2ddece66-153a-433b-83d9-0f425e2b409e
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SM_V9_4 iris    exon    7166682 7166828 .       -       .
Parent=Smp_126760.1;Name=609af78a-16ac-4f52-8a3b-b2214b1b24fb
SM_V9_4 iris    exon    7169013 7169057 .       -       .
Parent=Smp_126760.1;Name=e7d58b5c-c919-442a-b36a-4e05a471ea70
SM_V9_4 iris    exon    7173258 7173374 .       -       .
Parent=Smp_126760.1;Name=7282cd6b-e262-4f60-b908-2c9f7134b5da
SM_V9_4 iris    exon    7177381 7177521 .       -       .
Parent=Smp_126760.1;Name=abcd688a-47ed-403c-b9a0-36068ab166b0
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Parent=Smp_126760.1;Name=7b158f54-e813-4c29-8804-3f37199112c8
SM_V9_4 iris    CDS     7125525 7125944 .       -       0
Parent=Smp_126760.1
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Parent=Smp_126760.1
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Parent=Smp_126760.1
SM_V9_4 iris    CDS     7133529 7134292 .       -       2
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7137238 7138004 .       -       1
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7143329 7144662 .       -       0
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7145764 7146371 .       -       2
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7148486 7149601 .       -       2
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7153070 7153621 .       -       2
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7157285 7157465 .       -       0
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7158723 7159343 .       -       0
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7161308 7161466 .       -       0
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7163554 7163799 .       -       0
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7164607 7164670 .       -       1
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SM_V9_4 iris    CDS     7166682 7166828 .       -       1
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7169013 7169057 .       -       1
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SM_V9_4 iris    CDS     7173258 7173374 .       -       1
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7177381 7177521 .       -       1
Parent=Smp_126760.1
SM_V9_4 iris    CDS     7180293 7180474 .       -       0
Parent=Smp_126760.1
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ID=Smp_126750;geneID=Smp_126750;previous_systematic_id=Smp_008590
SM_V9_4 Liftoff mRNA    7181711 7185351 .       -       .
ID=Smp_126750.1;Parent=Smp_126750;geneID=Smp_126750;product=Lysoplas
malogenase-like protein
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Pfam:PF07947;Ontology_term=GO:0016021
SM_V9_4 Liftoff exon    7181711 7182736 .       -       .
Parent=Smp_126750.1
SM_V9_4 Liftoff exon    7185249 7185351 .       -       .
Parent=Smp_126750.1
SM_V9_4 Liftoff CDS     7182032 7182736 .       -       0
Parent=Smp_126750.1
SM_V9_4 Liftoff CDS     7185249 7185284 .       -       0
Parent=Smp_126750.1
SM_V9_4 Liftoff gene    7195139 7201151 .       -       .
ID=Smp_008580;geneID=Smp_008580
SM_V9_4 Liftoff mRNA    7195139 7201151 .       -       .
ID=Smp_008580.1;Parent=Smp_008580;geneID=Smp_008580;product=UDP-N-
acetylglucosamine transporter;polypeptide_domain=InterPro:IPR007271
Pfam:PF04142;Ontology_term=GO:0000139,GO:0005351,GO:0008643,GO:00160
21
SM_V9_4 Liftoff exon    7195139 7196209 .       -       .
Parent=Smp_008580.1
SM_V9_4 Liftoff exon    7199772 7200106 .       -       .
Parent=Smp_008580.1
SM_V9_4 Liftoff exon    7200145 7201151 .       -       .
Parent=Smp_008580.1
SM_V9_4 Liftoff CDS     7195490 7196209 .       -       0
Parent=Smp_008580.1
SM_V9_4 Liftoff CDS     7199772 7200106 .       -       2
Parent=Smp_008580.1
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ID=Smp_126740;geneID=Smp_126740;gene_name=Smp_126740;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    7213385 7258709 .       +       .
ID=Smp_126740.1;Parent=Smp_126740;geneID=Smp_126740;gene_name=Smp_12
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ied=2022-07-25;Name=Smp_126740.1;product=SCY1-like protein
2;date_creation=2022-07-25
SM_V9_4 iris    exon    7213385 7213418 .       +       .
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Parent=Smp_126740.1;Name=60f43659-e5fe-4f7a-aacb-8ccc465f786d
SM_V9_4 iris    exon    7215316 7215471 .       +       .
Parent=Smp_126740.1;Name=c7ad6d4a-d9e3-4c82-b4ef-3d65639b70fd
SM_V9_4 iris    exon    7215510 7215809 .       +       .
Parent=Smp_126740.1;Name=019f499e-d023-426b-ba27-708679c4bef4
SM_V9_4 iris    exon    7217389 7217631 .       +       .
Parent=Smp_126740.1;Name=51e78e6a-81f5-4585-bdd0-cd78db3bdf62
SM_V9_4 iris    exon    7221890 7222015 .       +       .
Parent=Smp_126740.1;Name=ee91ddb8-5560-4468-b5ff-ed8bd1a41feb
SM_V9_4 iris    exon    7228625 7228726 .       +       .
Parent=Smp_126740.1;Name=12312781-325e-4637-b816-258101ed5a1d
SM_V9_4 iris    exon    7231115 7231240 .       +       .
Parent=Smp_126740.1;Name=5f0d37d4-78a8-4ae9-adbd-5c0b65c83dcf
SM_V9_4 iris    exon    7233350 7233526 .       +       .
Parent=Smp_126740.1;Name=ed302b2e-7569-4865-ba02-b849c2cbe418
SM_V9_4 iris    exon    7240210 7240332 .       +       .
Parent=Smp_126740.1;Name=19fc6d97-fb99-47cd-a84e-de506c60cac7
SM_V9_4 iris    exon    7244603 7244716 .       +       .
Parent=Smp_126740.1;Name=dac5c561-707e-482a-bfbb-16efc9481132
SM_V9_4 iris    exon    7250899 7251031 .       +       .
Parent=Smp_126740.1;Name=31c4d005-c6ad-43e6-bd9b-b9946a57badb
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Parent=Smp_126740.1;Name=85174fe4-3499-4bd7-a6a2-111e45a4c46f
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Parent=Smp_126740.1;Name=67e996b9-2c0b-4700-ac4b-1f01bf67a488
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SM_V9_4 iris    CDS     7228625 7228726 .       +       0
Parent=Smp_126740.1
SM_V9_4 iris    CDS     7231115 7231240 .       +       0
Parent=Smp_126740.1
SM_V9_4 iris    CDS     7233350 7233526 .       +       0
Parent=Smp_126740.1
SM_V9_4 iris    CDS     7240210 7240332 .       +       0
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Parent=Smp_126740.1
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Parent=Smp_126740.1
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shock protein 60;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR001844,IPR002423,IPR018370,
IPR027409,IPR027413
Pfam:PF00118;Ontology_term=GO:0005524,GO:0005737,GO:0006457,GO:00420
26
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Parent=Smp_008545.1
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Parent=Smp_008545.1
SM_V9_4 Liftoff exon    7262729 7263149 .       -       .
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SM_V9_4 Liftoff exon    7263225 7263587 .       -       .
Parent=Smp_008545.1
SM_V9_4 Liftoff exon    7263622 7264311 .       -       .
Parent=Smp_008545.1
SM_V9_4 Liftoff CDS     7260753 7260908 .       -       0
Parent=Smp_008545.1
SM_V9_4 Liftoff CDS     7260983 7261161 .       -       2
Parent=Smp_008545.1
SM_V9_4 Liftoff CDS     7262729 7263149 .       -       0
Parent=Smp_008545.1
SM_V9_4 Liftoff CDS     7263225 7263587 .       -       0
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SM_V9_4 Liftoff CDS     7263622 7264221 .       -       0
Parent=Smp_008545.1
SM_V9_4 Liftoff gene    7300729 7320787 .       +       .
ID=Smp_312440;geneID=Smp_312440;previous_systematic_id=Smp_050390
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ID=Smp_312440.1;Parent=Smp_312440;geneID=Smp_312440;product=aldehyde
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Statement;polypeptide_domain=InterPro:IPR015590,IPR016161,IPR016162,
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Pfam:PF00171;Ontology_term=GO:0008152,GO:0016491,GO:0055114
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Parent=Smp_312440.1
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SM_V9_4 Liftoff exon    7304568 7304889 .       +       .
Parent=Smp_312440.1
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SM_V9_4 Liftoff exon    7311803 7312125 .       +       .
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SM_V9_4 Liftoff exon    7319360 7319434 .       +       .
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Parent=Smp_312440.1
SM_V9_4 Liftoff CDS     7305205 7305414 .       +       2
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SM_V9_4 Liftoff CDS     7308481 7308665 .       +       2
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SM_V9_4 Liftoff CDS     7311803 7312125 .       +       0
Parent=Smp_312440.1
SM_V9_4 Liftoff CDS     7319360 7319434 .       +       1
Parent=Smp_312440.1
SM_V9_4 Liftoff CDS     7320604 7320676 .       +       1
Parent=Smp_312440.1
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ID=Smp_329110;geneID=Smp_329110
SM_V9_4 Liftoff mRNA    7351315 7383248 .       -       .
ID=Smp_329110.2;Parent=Smp_329110;geneID=Smp_329110;product=Mitogen-
activated protein kinase kinase kinase
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1
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005515,GO:0005524,GO:00064
68
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Parent=Smp_329110.2
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Parent=Smp_329110.2
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SM_V9_4 Liftoff exon    7362982 7363429 .       -       .
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SM_V9_4 Liftoff exon    7365776 7366051 .       -       .
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Parent=Smp_329110.2
SM_V9_4 Liftoff CDS     7356370 7358014 .       -       0
Parent=Smp_329110.2
SM_V9_4 Liftoff CDS     7359815 7360452 .       -       2
Parent=Smp_329110.2
SM_V9_4 Liftoff CDS     7362982 7363429 .       -       0
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SM_V9_4 Liftoff CDS     7643863 7644487 .       +       0
Parent=Smp_149070.1
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SM_V9_4 Liftoff CDS     7645673 7645896 .       +       2
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SM_V9_4 Liftoff CDS     7647666 7647899 .       +       0
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SM_V9_4 Liftoff CDS     7650176 7650583 .       +       0
Parent=Smp_149070.1
SM_V9_4 Liftoff gene    7656832 7691906 .       +       .
ID=Smp_344150;geneID=Smp_344150;previous_systematic_id=Smp_149060,Sm
p_198220
SM_V9_4 Liftoff mRNA    7656832 7691906 .       +       .
ID=Smp_344150.1;Parent=Smp_344150;geneID=Smp_344150;product=Girdin
SM_V9_4 Liftoff exon    7656832 7657197 .       +       .
Parent=Smp_344150.1
SM_V9_4 Liftoff exon    7686846 7687313 .       +       .
Parent=Smp_344150.1
SM_V9_4 Liftoff exon    7687523 7687957 .       +       .
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SM_V9_4 Liftoff exon    7690695 7691906 .       +       .
Parent=Smp_344150.1
SM_V9_4 Liftoff CDS     7656948 7657197 .       +       0
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SM_V9_4 Liftoff CDS     7686846 7687313 .       +       2
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Parent=Smp_344150.1
SM_V9_4 Liftoff gene    7694248 7721292 .       -       .
ID=Smp_026030;geneID=Smp_026030;previous_systematic_id=Smp_050310
SM_V9_4 Liftoff mRNA    7694248 7721292 .       -       .
ID=Smp_026030.1;Parent=Smp_026030;geneID=Smp_026030;product=DNA
repair and recombination protein
RAD54B;polypeptide_domain=InterPro:IPR000330,IPR001650,IPR014001,IPR
027417 Pfam:PF00176,PF00271;Ontology_term=GO:0005524
SM_V9_4 Liftoff exon    7694248 7694979 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7696975 7697205 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7699314 7699420 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7701467 7701596 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7702140 7702427 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7704371 7704669 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7707372 7707747 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7710737 7710895 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7711715 7711795 .       -       .
Parent=Smp_026030.1
SM_V9_4 Liftoff exon    7711900 7712029 .       -       .
Parent=Smp_026030.1
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SM_V9_4 Liftoff exon    7712922 7713103 .       -       .
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SM_V9_4 Liftoff exon    7718353 7718374 .       -       .
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SM_V9_4 Liftoff exon    7718415 7721292 .       -       .
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SM_V9_4 Liftoff CDS     7699314 7699420 .       -       2
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SM_V9_4 Liftoff CDS     7718415 7718624 .       -       0
Parent=Smp_026030.1
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ID=Smp_149050;geneID=Smp_149050;gene_name=Smp_149050;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    7729812 7752129 .       +       .
ID=Smp_149050.1;Parent=Smp_149050;geneID=Smp_149050;gene_name=Smp_14
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ied=2022-07-25;Name=Smp_149050.1;product=Endoplasmic reticulum
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Parent=Smp_149050.1;Name=75518b1f-7344-44e5-8d1e-2eb2108cb9c7
SM_V9_4 iris    exon    7729963 7730140 .       +       .
Parent=Smp_149050.1;Name=fbea6be2-bc28-45be-b88d-e70b5e9ea863
SM_V9_4 iris    exon    7730176 7730418 .       +       .
Parent=Smp_149050.1;Name=af15a78f-f3a0-48fe-b9ff-e4cb61f7dc3a
SM_V9_4 iris    exon    7730453 7730495 .       +       .
Parent=Smp_149050.1;Name=9812ca3d-45cf-4fb1-94ef-8d41f185d781
SM_V9_4 iris    exon    7730531 7730565 .       +       .
Parent=Smp_149050.1;Name=f4f2e730-17ff-44f4-9769-bef99ea70500
SM_V9_4 iris    exon    7730598 7730825 .       +       .
Parent=Smp_149050.1;Name=5b81dadc-5771-4aa6-ae0c-e15ae7d5f6e2
SM_V9_4 iris    exon    7733261 7733425 .       +       .
Parent=Smp_149050.1;Name=5a13fbb5-aa0e-4bf1-a0c0-a7dc208328ce
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Parent=Smp_149050.1;Name=19bdc9f5-2edb-4712-b7cb-f175d62189fe
SM_V9_4 iris    exon    7746161 7746238 .       +       .
Parent=Smp_149050.1;Name=670f9d55-ed80-4ee3-8ee2-8f20dca8e3a5
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Parent=Smp_149050.1;Name=af5fae87-035c-40f3-86ce-d0703b76783b
SM_V9_4 iris    exon    7751530 7752129 .       +       .
Parent=Smp_149050.1;Name=8a3fdb7e-3e99-4602-a202-f8c5b1ca10b7
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Parent=Smp_149050.1
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ID=Smp_050280;geneID=Smp_050280
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L31;polypeptide_domain=InterPro:IPR000054,IPR020052,IPR023621
Pfam:PF01198;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
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Parent=Smp_050280.1
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Parent=Smp_050280.1
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Parent=Smp_050280.1
SM_V9_4 Liftoff CDS     7763306 7763477 .       +       1
Parent=Smp_050280.1
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ID=Smp_050270;geneID=Smp_050270;gene_name=Smp_050270;owner=irisadmin
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22-11-11
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SM_V9_4 iris    exon    7824186 7824399 .       -       .
Parent=Smp_050270.1;Name=ca091f49-b798-4168-9cb0-1f258f5d815a
SM_V9_4 iris    exon    7826595 7827790 .       -       .
Parent=Smp_050270.1;Name=ff7eb6e0-bac4-4f58-ac90-0c9601112ada
SM_V9_4 iris    CDS     7775615 7775857 .       -       0
Parent=Smp_050270.1
SM_V9_4 iris    CDS     7824186 7824399 .       -       1
Parent=Smp_050270.1
SM_V9_4 iris    CDS     7826595 7827583 .       -       0
Parent=Smp_050270.1
SM_V9_4 iris    gene    7868710 7918314 .       +       .
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ID=Smp_149040.1;Parent=Smp_149040;geneID=Smp_149040;gene_name=Smp_14
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kinase regulatory subunit alpha-00001;date_creation=2022-07-25
SM_V9_4 iris    exon    7868710 7868753 .       +       .
Parent=Smp_149040.1;Name=80bd45e2-cb34-4189-af3d-0e710f10f716
SM_V9_4 iris    exon    7870114 7870303 .       +       .
Parent=Smp_149040.1;Name=84b14498-76d9-4578-a805-17a1b02790d1
SM_V9_4 iris    exon    7870341 7870499 .       +       .
Parent=Smp_149040.1;Name=4e0bbdf3-a130-4230-8505-d3faf2ee0603
SM_V9_4 iris    exon    7870534 7870750 .       +       .
Parent=Smp_149040.1;Name=369d00fd-5b22-4b86-87df-88df4ff7fb23
SM_V9_4 iris    exon    7870784 7870866 .       +       .
Parent=Smp_149040.1;Name=13a6029b-1bb5-43ae-b79f-90f05431df46
SM_V9_4 iris    exon    7870903 7870983 .       +       .
Parent=Smp_149040.1;Name=89ca1b46-c3b4-47c7-8d78-e46b203189ff
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SM_V9_4 iris    exon    7874819 7875035 .       +       .
Parent=Smp_149040.1;Name=0381acd7-26b1-4b73-b41c-20718cd414fd
SM_V9_4 iris    exon    7876885 7877166 .       +       .
Parent=Smp_149040.1;Name=7c181308-4c58-42ed-a959-f1beb939f955
SM_V9_4 iris    exon    7878884 7879061 .       +       .
Parent=Smp_149040.1;Name=b586cae1-ab49-4df3-9586-f88a133a12f0
SM_V9_4 iris    exon    7881921 7882030 .       +       .
Parent=Smp_149040.1;Name=8cf90139-cbf6-4406-8d61-f2933334ccad
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SM_V9_4 iris    exon    7888376 7888448 .       +       .
Parent=Smp_149040.1;Name=44ac0efa-86a1-406b-a5d1-2499a2fc59b6
SM_V9_4 iris    exon    7891813 7891886 .       +       .
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Parent=Smp_149040.1;Name=2ce93935-efeb-4261-be6c-1f462676336e
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SM_V9_4 iris    exon    7895612 7896132 .       +       .
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SM_V9_4 iris    exon    7899541 7899789 .       +       .
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Parent=Smp_149040.1;Name=fdb563da-7cb0-4ef7-86db-0524ae7a726d
SM_V9_4 iris    exon    7907922 7907950 .       +       .
Parent=Smp_149040.1;Name=e828b2a7-69d2-46ec-bb5c-16d96f6330ca
SM_V9_4 iris    exon    7913561 7913893 .       +       .
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SM_V9_4 iris    CDS     7870241 7870303 .       +       0
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SM_V9_4 iris    CDS     7876885 7877166 .       +       0
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SM_V9_4 iris    CDS     7878884 7879061 .       +       0
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SM_V9_4 iris    CDS     7881921 7882030 .       +       2
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SM_V9_4 iris    CDS     7884609 7884759 .       +       0
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SM_V9_4 iris    CDS     7895612 7896132 .       +       2
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SM_V9_4 iris    CDS     7899541 7899789 .       +       0
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Parent=Smp_149040.1
SM_V9_4 iris    CDS     7907922 7907950 .       +       2
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SM_V9_4 iris    CDS     7915846 7916055 .       +       0
Parent=Smp_149040.1
SM_V9_4 iris    CDS     7917253 7917531 .       +       0
Parent=Smp_149040.1
SM_V9_4 Liftoff gene    7919673 7923596 .       -       .
ID=Smp_050250;geneID=Smp_050250
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ID=Smp_050250.1;Parent=Smp_050250;geneID=Smp_050250;product=Aminoacy
l tRNA synthase complex-interacting multifunctional protein 2
SM_V9_4 Liftoff exon    7919673 7923596 .       -       .
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ID=Smp_149030;geneID=Smp_149030;gene_name=Smp_149030;owner=irisadmin
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Parent=Smp_149030.1;Name=4d1e7204-7934-4a90-917b-59ede0dad7ad
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Parent=Smp_149030.1;Name=09939d16-d46b-4e5b-9739-f03036ec41c2
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SM_V9_4 iris    exon    7960097 7960175 .       -       .
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SM_V9_4 iris    exon    7963865 7963937 .       -       .
Parent=Smp_149030.1;Name=6867b30e-f5ca-4c86-8afb-1783bc7d4b4c
SM_V9_4 iris    exon    7963975 7964025 .       -       .
Parent=Smp_149030.1;Name=0d025d7d-7bc2-4ef7-b609-4450ecf8ddf4
SM_V9_4 iris    exon    7964060 7964314 .       -       .
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Parent=Smp_149030.1
SM_V9_4 iris    CDS     7963975 7964025 .       -       1
Parent=Smp_149030.1
SM_V9_4 iris    CDS     7964060 7964130 .       -       0
Parent=Smp_149030.1
SM_V9_4 iris    gene    7972467 7984480 .       +       .
ID=Smp_248160;geneID=Smp_248160;gene_name=Smp_248160;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    7972467 7984480 .       +       .
ID=Smp_248160.1;Parent=Smp_248160;geneID=Smp_248160;gene_name=Smp_24
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Parent=Smp_248160.1;Name=78111131-0900-4889-a378-c74f664b7c0b
SM_V9_4 iris    exon    7972760 7972958 .       +       .
Parent=Smp_248160.1;Name=118ff894-c149-405a-9b31-8a08b8c4bac8
SM_V9_4 iris    exon    7976111 7976189 .       +       .
Parent=Smp_248160.1;Name=eab4bea8-0794-4aa8-a772-43bf24994b27
SM_V9_4 iris    exon    7976232 7976334 .       +       .
Parent=Smp_248160.1;Name=baef437f-c801-4a9a-9a92-346f3887a57b
SM_V9_4 iris    exon    7976368 7976663 .       +       .
Parent=Smp_248160.1;Name=4f4e2d21-6922-43c9-9cd4-fea8f2d2cefb
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Parent=Smp_248160.1;Name=9c6b5cd3-9acc-4bbe-8c04-6eddde7c640d
SM_V9_4 iris    exon    7977697 7977836 .       +       .
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SM_V9_4 iris    CDS     7976368 7976663 .       +       2
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SM_V9_4 iris    CDS     7980495 7980620 .       +       2
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ID=Smp_248150;geneID=Smp_248150;previous_systematic_id=Smp_149020
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ID=Smp_248150.2;Parent=Smp_248150;geneID=Smp_248150;product=D-
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oxidase;polypeptide_domain=InterPro:IPR016166,IPR016169;Ontology_ter
m=GO:0003824,GO:0016614,GO:0050660,GO:0055114
SM_V9_4 Liftoff exon    8008920 8009938 .       +       .
Parent=Smp_248150.2
SM_V9_4 Liftoff exon    8011713 8012342 .       +       .
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SM_V9_4 Liftoff exon    8014150 8014464 .       +       .
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SM_V9_4 Liftoff exon    8018364 8018978 .       +       .
Parent=Smp_248150.2
SM_V9_4 Liftoff CDS     8009117 8009938 .       +       0
Parent=Smp_248150.2
SM_V9_4 Liftoff CDS     8011713 8012342 .       +       0
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SM_V9_4 Liftoff CDS     8014150 8014464 .       +       0
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Parent=Smp_248150.2
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ID=Smp_248150.1;Parent=Smp_248150;geneID=Smp_248150;product=D-
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Parent=Smp_248150.1
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ID=Smp_050220;geneID=Smp_050220
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ID=Smp_050220.1;Parent=Smp_050220;geneID=Smp_050220;product=Putative
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Pfam:PF05835;Ontology_term=GO:0006836,GO:0019905
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SM_V9_4 Liftoff CDS     8034346 8034487 .       +       0
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SM_V9_4 Liftoff CDS     8035991 8036088 .       +       2
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56,GO:0016020
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Parent=Smp_149010.1
SM_V9_4 Liftoff exon    8059328 8059502 .       -       .
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SM_V9_4 Liftoff CDS     8069122 8069476 .       -       0
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SM_V9_4 Liftoff CDS     8074651 8076179 .       -       2
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ID=Smp_149000;geneID=Smp_149000
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SM_V9_4 Liftoff exon    8158894 8158976 .       -       .
Parent=Smp_149000.1
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Parent=Smp_248180.1
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ID=Smp_248170;geneID=Smp_248170;gene_name=Smp_248170;owner=irisadmin
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58;date_creation=2022-07-25
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Parent=Smp_248170.1
SM_V9_4 iris    CDS     8183289 8183490 .       +       0
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SM_V9_4 iris    CDS     8183522 8183656 .       +       2
Parent=Smp_248170.1
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Parent=Smp_248170.1
SM_V9_4 iris    CDS     8184295 8184381 .       +       0
Parent=Smp_248170.1
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ID=Smp_202770;geneID=Smp_202770
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Parent=Smp_202770.1
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3 Pfam:PF13923,PF16207
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SM_V9_4 Liftoff CDS     8323887 8324056 .       +       2
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SM_V9_4 iris    exon    8351427 8351950 .       -       .
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SM_V9_4 iris    CDS     8349657 8350778 .       -       0
Parent=Smp_148980.1
SM_V9_4 iris    CDS     8351427 8351950 .       -       2
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SM_V9_4 iris    CDS     8358141 8358780 .       -       1
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SM_V9_4 iris    CDS     8360314 8360624 .       -       0
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SM_V9_4 iris    gene    8364727 8371198 .       -       .
ID=Smp_050130;geneID=Smp_050130;gene_name=Smp_050130;owner=irisadmin
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SM_V9_4 iris    mRNA    8364727 8371198 .       -       .
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ID=Smp_148970;geneID=Smp_148970;gene_name=Smp_148970;owner=irisadmin
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SM_V9_4 iris    exon    8379820 8379878 .       +       .
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SM_V9_4 iris    exon    8379919 8379981 .       +       .
Parent=Smp_148970.1;Name=3fe4967f-5fe0-45b8-8891-eac9ff49e638
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SM_V9_4 iris    exon    8380195 8380332 .       +       .
Parent=Smp_148970.1;Name=6acd41c8-d90f-47b8-a0f8-637feb7429b6
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SM_V9_4 iris    CDS     8380024 8380129 .       +       1
Parent=Smp_148970.1
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SM_V9_4 iris    CDS     8383117 8383227 .       +       0
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SM_V9_4 iris    gene    8383932 8392590 .       -       .
ID=Smp_050110;geneID=Smp_050110;gene_name=Smp_050110;owner=irisadmin
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Parent=Smp_050110.1;Name=b642e055-3006-4e45-bfb1-3798f2c559e5
SM_V9_4 iris    exon    8385019 8385146 .       -       .
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Parent=Smp_050110.1;Name=acc1fff6-e892-492e-bd2d-4bcc660084e9
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Parent=Smp_050080.1
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Parent=Smp_198190.1;Name=bea5072f-9d15-4f4d-90bb-cdf57a0ed265
SM_V9_4 iris    exon    8455017 8455088 .       +       .
Parent=Smp_198190.1;Name=84bccf74-11d5-499a-b637-baac7a9f4d0f
SM_V9_4 iris    exon    8455129 8455258 .       +       .
Parent=Smp_198190.1;Name=2dcee257-f811-4773-8e94-1f552b769c59
SM_V9_4 iris    exon    8455288 8455417 .       +       .
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Parent=Smp_198190.1;Name=01c6b73d-75be-4641-9d00-d9537b237994
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Parent=Smp_198190.1;Name=6365a738-11f8-4138-b7f1-30a9284c18af
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SM_V9_4 Liftoff mRNA    8479140 8525317 .       +       .
ID=Smp_148940.1;Parent=Smp_148940;geneID=Smp_148940;product=Sorting
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PR016137 Pfam:PF00787,PF08628;Ontology_term=GO:0035091
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Parent=Smp_148940.1
SM_V9_4 Liftoff exon    8484742 8484883 .       +       .
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SM_V9_4 Liftoff exon    8486336 8486430 .       +       .
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SM_V9_4 Liftoff exon    8486521 8486623 .       +       .
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SM_V9_4 Liftoff exon    8505373 8505413 .       +       .
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SM_V9_4 Liftoff exon    8507641 8507713 .       +       .
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SM_V9_4 Liftoff exon    8509223 8509359 .       +       .
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SM_V9_4 Liftoff CDS     8534737 8535079 .       -       0
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Parent=Smp_172090.1
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SM_V9_4 Liftoff CDS     8546570 8547298 .       +       0
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Parent=Smp_049990.1;Name=17920bec-3499-45a2-b1af-02c5c90b24a2
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SM_V9_4 iris    exon    8572479 8572679 .       -       .
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SM_V9_4 iris    exon    8576836 8576884 .       -       .
Parent=Smp_049990.1;Name=cac6b5a4-1192-4fb2-8635-c29e396c830e
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SM_V9_4 iris    exon    8577738 8577875 .       -       .
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SM_V9_4 iris    exon    8577910 8578036 .       -       .
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ID=Smp_049910;geneID=Smp_049910;gene_name=Smp_049910;owner=irisadmin
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ID=Smp_148790;geneID=Smp_148790;gene_name=Smp_148790;owner=irisadmin
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Parent=Smp_329130.1
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SM_V9_4 iris    exon    9938162 9938279 .       -       .
Parent=Smp_092320.1;Name=7b22f71a-1437-4db9-a768-dcea9fdb9505
SM_V9_4 iris    exon    9946801 9947470 .       -       .
Parent=Smp_092320.1;Name=276e9261-ee84-4f0a-a560-7301c1a30f47
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Parent=Smp_092320.1
SM_V9_4 iris    CDS     9946801 9947470 .       -       0
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SM_V9_4 iris    CDS     9951307 9951576 .       -       0
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SM_V9_4 iris    CDS     9953902 9954030 .       -       0
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        .       Parent=Smp_172580.1
SM_V9_4 Liftoff exon    10038902        10039049        .       -
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        .       Parent=Smp_172590.1
SM_V9_4 Liftoff exon    10050495        10050650        .       +
        .       Parent=Smp_172590.1
SM_V9_4 Liftoff exon    10051808        10051899        .       +
        .       Parent=Smp_172590.1
SM_V9_4 Liftoff exon    10052491        10052584        .       +
        .       Parent=Smp_172590.1
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        .       Parent=Smp_172590.1
SM_V9_4 Liftoff exon    10062408        10062627        .       +
        .       Parent=Smp_172590.1
SM_V9_4 Liftoff exon    10066696        10066782        .       +
        .       Parent=Smp_172590.1
SM_V9_4 Liftoff exon    10068733        10069555        .       +
        .       Parent=Smp_172590.1
SM_V9_4 Liftoff CDS     10042637        10042933        .       +
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        0       Parent=Smp_172590.1
SM_V9_4 Liftoff CDS     10051808        10051899        .       +
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SM_V9_4 Liftoff CDS     10052491        10052584        .       +
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SM_V9_4 Liftoff CDS     10062408        10062627        .       +
        1       Parent=Smp_172590.1
SM_V9_4 Liftoff CDS     10066696        10066782        .       +
        0       Parent=Smp_172590.1
SM_V9_4 Liftoff CDS     10068733        10068933        .       +
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R009045,IPR028992
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SM_V9_4 Liftoff exon    10076698        10077790        .       -
        .       Parent=Smp_346130.1
SM_V9_4 Liftoff exon    10116196        10117149        .       -
        .       Parent=Smp_346130.1
SM_V9_4 Liftoff CDS     10072167        10073065        .       -
        2       Parent=Smp_346130.1
SM_V9_4 Liftoff CDS     10076698        10077790        .       -
        0       Parent=Smp_346130.1
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        0       Parent=Smp_346130.1
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        .       ID=Smp_172610;geneID=Smp_172610
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        .       Parent=Smp_172610.1
SM_V9_4 Liftoff exon    10162585        10162930        .       -
        .       Parent=Smp_172610.1
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SM_V9_4 Liftoff exon    10169681        10169725        .       -
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SM_V9_4 Liftoff CDS     10160291        10160664        .       -
        1       Parent=Smp_172610.1
SM_V9_4 Liftoff CDS     10162585        10162930        .       -
        2       Parent=Smp_172610.1
SM_V9_4 Liftoff CDS     10165222        10165290        .       -
        2       Parent=Smp_172610.1
SM_V9_4 Liftoff CDS     10169681        10169725        .       -
        2       Parent=Smp_172610.1
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        0       Parent=Smp_172610.1
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        0       Parent=Smp_172610.1
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        .
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complex subunit 11;date_creation=2022-07-25
SM_V9_4 iris    exon    10190683        10190717        .       +
        .       Parent=Smp_213490.1;Name=c7e0a9e0-ceb5-4287-8293-
fa4050caa4c9
SM_V9_4 iris    exon    10190750        10190798        .       +
        .       Parent=Smp_213490.1;Name=bb7e52b8-7f67-4a52-84cb-
b731131a4d8c
SM_V9_4 iris    exon    10193831        10193896        .       +
        .       Parent=Smp_213490.1;Name=9bb6b241-2c13-41b7-
aa73-4f0986a7e205
SM_V9_4 iris    exon    10194852        10194957        .       +
        .       Parent=Smp_213490.1;Name=1accede2-6840-4f13-9097-
c957c4bc8e71
SM_V9_4 iris    exon    10195000        10195137        .       +
        .
Parent=Smp_213490.1;Name=6b778c86-5b85-46a5-835e-6229f762c5dc
SM_V9_4 iris    exon    10195186        10195269        .       +
        .       Parent=Smp_213490.1;Name=c43074cc-e634-43cf-9d14-
fdb5a4208b90
SM_V9_4 iris    exon    10195326        10195382        .       +
        .       Parent=Smp_213490.1;Name=c8b017cb-ef7a-4540-
a305-5458675e8bc3
SM_V9_4 iris    exon    10195479        10195597        .       +
        .       Parent=Smp_213490.1;Name=6f3aca9c-8f49-4a6a-
a82f-7e46de7de3b0
SM_V9_4 iris    exon    10196316        10196688        .       +
```

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        .
Parent=Smp_213490.1;Name=7a206351-88ad-401c-9024-30bc5015fe6d
SM_V9_4 iris    exon    10198409        10198531        .       +
        .       Parent=Smp_213490.1;Name=103c2fba-4049-4c20-baf2-
c24ff64c04d2
SM_V9_4 iris    exon    10203661        10203740        .       +
        .       Parent=Smp_213490.1;Name=bbf76db4-4263-4ded-
ba79-5984c981f354
SM_V9_4 iris    exon    10206383        10206614        .       +
        .       Parent=Smp_213490.1;Name=d0bdf237-2332-4322-acf1-
ab8c0b571048
SM_V9_4 iris    exon    10207576        10207877        .       +
        .       Parent=Smp_213490.1;Name=11b1c93d-713a-431e-
a3ba-46c80234284b
SM_V9_4 iris    CDS     10193859        10193896        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10194852        10194957        .       +
        1       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10195000        10195137        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10195186        10195269        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10195326        10195382        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10195479        10195597        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10196316        10196688        .       +
        1       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10198409        10198531        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10203661        10203740        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10206383        10206614        .       +
        1       Parent=Smp_213490.1
SM_V9_4 iris    CDS     10207576        10207803        .       +
        0       Parent=Smp_213490.1
SM_V9_4 iris    gene    10211773        10256750        .       +
        .
ID=Smp_213480;geneID=Smp_213480;gene_name=Smp_213480;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10211773        10256750        .       +
        .
ID=Smp_213480.1;Parent=Smp_213480;geneID=Smp_213480;gene_name=Smp_21
3480;owner=irisadmin@local.host;orig_id=Smp_213480.1;date_last_modif
ied=2022-07-25;Name=Smp_213480.1;product=MutS protein homolog
4;date_creation=2022-07-25
SM_V9_4 iris    exon    10211773        10211818        .       +
        .       Parent=Smp_213480.1;Name=ef5657d4-4c08-426a-9e83-
fda63e20d657
SM_V9_4 iris    exon    10213986        10214201        .       +
        .       Parent=Smp_213480.1;Name=10538c05-497a-4b56-
be54-4a10123c4c1f
SM_V9_4 iris    exon    10217678        10217826        .       +
        .       Parent=Smp_213480.1;Name=e08161f9-24e7-4fd5-bbd4-
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a6b23fd96b54
SM_V9_4 iris    exon    10219085        10219211        .       +
        .
Parent=Smp_213480.1;Name=b12466de-551d-45b5-8efc-40af886494c6
SM_V9_4 iris    exon    10221632        10221698        .       +
        .       Parent=Smp_213480.1;Name=9cdaf4ed-226c-41c9-
af29-5c135f39f5af
SM_V9_4 iris    exon    10224497        10224618        .       +
        .
Parent=Smp_213480.1;Name=9da19295-1927-4fda-9d0a-04ed71c4534c
SM_V9_4 iris    exon    10226309        10226452        .       +
        .       Parent=Smp_213480.1;Name=79306cc6-ea40-437e-
bb27-0946e76d7b95
SM_V9_4 iris    exon    10227815        10227891        .       +
        .
Parent=Smp_213480.1;Name=2f04bd9a-4182-47a6-9dac-1ae57b1b6843
SM_V9_4 iris    exon    10227989        10228113        .       +
        .
Parent=Smp_213480.1;Name=4d50ac73-9490-4bf5-9a81-15956ddd2641
SM_V9_4 iris    exon    10228158        10228515        .       +
        .
Parent=Smp_213480.1;Name=5d33f70e-67c2-4091-9ffe-02b96306b21f
SM_V9_4 iris    exon    10230986        10231105        .       +
        .       Parent=Smp_213480.1;Name=c7547cba-971d-40a5-
a8d7-03c92395bfc6
SM_V9_4 iris    exon    10231171        10231237        .       +
        .
Parent=Smp_213480.1;Name=b2a4f2b4-0db0-4799-8cd7-331bad1725a1
SM_V9_4 iris    exon    10235226        10235641        .       +
        .       Parent=Smp_213480.1;Name=8f3b9066-8175-4586-
bcd7-3b17443bfc96
SM_V9_4 iris    exon    10237181        10237193        .       +
        .       Parent=Smp_213480.1;Name=b34a4611-c662-49c0-b2a0-
e13d438a3a21
SM_V9_4 iris    exon    10239087        10239132        .       +
        .       Parent=Smp_213480.1;Name=1a5c1bb7-
b536-4264-9b55-76ae10978130
SM_V9_4 iris    exon    10239783        10239919        .       +
        .       Parent=Smp_213480.1;Name=19000419-9644-4f01-b6ad-
e19d2bac9707
SM_V9_4 iris    exon    10241184        10241278        .       +
        .       Parent=Smp_213480.1;Name=a0013b87-
f968-4488-9748-11e64c727689
SM_V9_4 iris    exon    10241331        10241378        .       +
        .       Parent=Smp_213480.1;Name=b9604ec5-bd36-4955-be6d-
dc1810719ab3
SM_V9_4 iris    exon    10243101        10243268        .       +
        .
Parent=Smp_213480.1;Name=0390c5aa-0fb5-4f13-833f-9c7486b678b7
SM_V9_4 iris    exon    10245074        10245146        .       +
        .       Parent=Smp_213480.1;Name=3ea95f08-9cf1-45d4-b304-
c8940938fc22
SM_V9_4 iris    exon    10247651        10247715        .       +
        .
```

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Parent=Smp_213480.1;Name=9ce2bb3f-2bd5-4f51-8da7-2380a7092928
SM_V9_4 iris    exon    10250218        10250288        .       +
        .
Parent=Smp_213480.1;Name=3fbd4113-129b-4f3a-93c5-57dcd9cb9993
SM_V9_4 iris    exon    10252784        10253070        .       +
        .       Parent=Smp_213480.1;Name=228149ce-896b-46ff-9231-
ee27a72022b4
SM_V9_4 iris    exon    10255719        10255921        .       +
        .       Parent=Smp_213480.1;Name=c508fe5f-
acf9-4e4f-8498-333e407f9ca2
SM_V9_4 iris    exon    10256290        10256750        .       +
        .       Parent=Smp_213480.1;Name=e1a89f6b-9463-4cc6-9f22-
cef2cec828bd
SM_V9_4 iris    CDS     10213988        10214201        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10217678        10217826        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10219085        10219211        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10221632        10221698        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10224497        10224618        .       +
        1       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10226309        10226452        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10227815        10227891        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10227989        10228113        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10228158        10228515        .       +
        1       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10230986        10231105        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10231171        10231237        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10235226        10235641        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10237181        10237193        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10239087        10239132        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10239783        10239919        .       +
        1       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10241184        10241278        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10241331        10241378        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10243101        10243268        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10245074        10245146        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10247651        10247715        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10250218        10250288        .       +
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        0       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10252784        10253070        .       +
        1       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10255719        10255921        .       +
        2       Parent=Smp_213480.1
SM_V9_4 iris    CDS     10256290        10256604        .       +
        0       Parent=Smp_213480.1
SM_V9_4 iris    gene    10261284        10262076        .       -
        .
ID=Smp_092380;geneID=Smp_092380;gene_name=Smp_092380;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10261284        10262076        .       -
        .
ID=Smp_092380.1;Parent=Smp_092380;geneID=Smp_092380;gene_name=Smp_09
2380;owner=irisadmin@local.host;orig_id=Smp_092380.1;date_last_modif
ied=2022-07-25;Name=Smp_092380.1;product=Protein BUD31
homolog;date_creation=2022-07-25
SM_V9_4 iris    exon    10261284        10261787        .       -
        .       Parent=Smp_092380.1;Name=d3ff1c4d-
b360-4393-8581-4009f87c71a1
SM_V9_4 iris    exon    10261823        10262076        .       -
        .
Parent=Smp_092380.1;Name=ad353c71-4a99-47fe-837d-94470507f8a7
SM_V9_4 iris    CDS     10261569        10261787        .       -
        0       Parent=Smp_092380.1
SM_V9_4 iris    CDS     10261823        10262038        .       -
        0       Parent=Smp_092380.1
SM_V9_4 iris    gene    10271370        10288977        .       +
        .
ID=Smp_346140;geneID=Smp_346140;gene_name=Smp_346140 ;owner=irisadmi
n@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10271370        10288977        .       +
        .
ID=Smp_346140.1;Parent=Smp_346140;geneID=Smp_346140;gene_name=Smp_34
6140 ;owner=irisadmin@local.host;orig_id=Smp_092380.1;date_last_modi
fied=2022-07-25;Name=Smp_346140.1;product=Formate--tetrahydrofolate
ligase;date_creation=2022-07-25
SM_V9_4 iris    exon    10271370        10271405        .       +
        .
Parent=Smp_346140.1;Name=055d76e3-0e64-404b-8fce-32b1560d7e9e
SM_V9_4 iris    exon    10287128        10287177        .       +
        .       Parent=Smp_346140.1;Name=Smp_346140.1-CDS
SM_V9_4 iris    exon    10288564        10288977        .       +
        .       Parent=Smp_346140.1;Name=af63dcfc-8e9b-4455-
ba6a-344f7b415cbc
SM_V9_4 iris    CDS     10287135        10287177        .       +
        0       Parent=Smp_346140.1
SM_V9_4 iris    CDS     10288564        10288808        .       +
        2       Parent=Smp_346140.1
SM_V9_4 iris    gene    10290097        10322717        .       -
        .
ID=Smp_341560;geneID=Smp_341560;gene_name=Smp_341560;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10290097        10322717        .       -
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        .
ID=Smp_341560.1;Parent=Smp_341560;geneID=Smp_341560;gene_name=Smp_34
1560;owner=irisadmin@local.host;orig_id=Smp_341560.1;date_last_modif
ied=2022-07-25;Name=Smp_341560.1;product=N-acetyl-D-glucosamine
kinase;date_creation=2022-07-25
SM_V9_4 iris    exon    10290097        10290548        .       -
        .       Parent=Smp_341560.1;Name=a7b5ba0d-2cd0-4354-aa68-
fd43770e7c82
SM_V9_4 iris    exon    10291985        10292063        .       -
        .       Parent=Smp_341560.1;Name=f134eeda-fc0a-4511-8443-
c4bb7189686d
SM_V9_4 iris    exon    10302620        10302717        .       -
        .       Parent=Smp_341560.1;Name=dca6fa87-aae6-459a-ad49-
dae7d12ab92a
SM_V9_4 iris    exon    10305300        10305500        .       -
        .
Parent=Smp_341560.1;Name=5d735ffe-0a28-4922-9ee4-60db8acaa9fa
SM_V9_4 iris    exon    10307705        10307815        .       -
        .       Parent=Smp_341560.1;Name=228bc51a-82ec-4dfc-a45f-
d2b45c289f12
SM_V9_4 iris    exon    10308554        10308695        .       -
        .
Parent=Smp_341560.1;Name=07316822-7ed3-476d-89c2-58c4f70ee161
SM_V9_4 iris    exon    10318150        10318248        .       -
        .       Parent=Smp_341560.1;Name=243a2240-7f13-4825-80c8-
ecb272e65319
SM_V9_4 iris    exon    10319016        10319100        .       -
        .       Parent=Smp_341560.1;Name=258bef2a-d078-4c3d-
a97d-6596abd67314
SM_V9_4 iris    exon    10320269        10320444        .       -
        .       Parent=Smp_341560.1;Name=2ebc6772-18a5-40dc-b350-
c7379a311c72
SM_V9_4 iris    exon    10322651        10322717        .       -
        .
Parent=Smp_341560.1;Name=a72c082c-1e7d-4f6b-9996-2c0882c747ae
SM_V9_4 iris    CDS     10290364        10290548        .       -
        2       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10291985        10292063        .       -
        0       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10302620        10302717        .       -
        2       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10305300        10305500        .       -
        2       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10307705        10307815        .       -
        2       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10308554        10308695        .       -
        0       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10318150        10318248        .       -
        0       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10319016        10319100        .       -
        1       Parent=Smp_341560.1
SM_V9_4 iris    CDS     10320269        10320297        .       -
        0       Parent=Smp_341560.1
SM_V9_4 iris    gene    10327061        10356619        .       -
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        .
ID=Smp_172640;geneID=Smp_172640;gene_name=Smp_172640;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10327061        10356619        .       -
        .
ID=Smp_172640.1;Parent=Smp_172640;geneID=Smp_172640;gene_name=Smp_17
2640;owner=irisadmin@local.host;orig_id=Smp_172640.1;date_last_modif
ied=2022-07-25;Name=Smp_172640.1;product=Guanine nucleotide-binding
protein G(s) subunit alpha;date_creation=2022-07-25
SM_V9_4 iris    exon    10327061        10327515        .       -
        .       Parent=Smp_172640.1;Name=68290e0e-e2e3-42ae-9407-
f177bcc7aebe
SM_V9_4 iris    exon    10329208        10329422        .       -
        .       Parent=Smp_172640.1;Name=7c36f6dc-
cb02-4196-8617-9fbfef85502b
SM_V9_4 iris    exon    10330302        10330918        .       -
        .       Parent=Smp_172640.1;Name=c4a094ae-09d0-429d-
be5e-310b2a469b2c
SM_V9_4 iris    exon    10332716        10332802        .       -
        .       Parent=Smp_172640.1;Name=6166c163-2d2d-4719-
aa10-0777b45a1018
SM_V9_4 iris    exon    10333823        10333911        .       -
        .
Parent=Smp_172640.1;Name=b468f658-16cc-438a-90cb-4d9c480f88d6
SM_V9_4 iris    exon    10336731        10336785        .       -
        .       Parent=Smp_172640.1;Name=c24c41ff-2301-4b1f-
b46a-2cd15c8c110b
SM_V9_4 iris    exon    10338835        10338932        .       -
        .       Parent=Smp_172640.1;Name=57891ce0-23e1-478d-a7a3-
f5ba8612a29f
SM_V9_4 iris    exon    10340775        10340888        .       -
        .       Parent=Smp_172640.1;Name=f2369146-4852-4260-
a7f1-317956f90a5d
SM_V9_4 iris    exon    10345643        10345697        .       -
        .       Parent=Smp_172640.1;Name=d6b3826b-9ac2-4620-a424-
bf331d67776f
SM_V9_4 iris    exon    10348114        10348186        .       -
        .
Parent=Smp_172640.1;Name=c4143f3f-5f1c-42e0-9131-98d29c84697e
SM_V9_4 iris    exon    10356165        10356619        .       -
        .
Parent=Smp_172640.1;Name=baba3b02-25b1-4b18-9909-1dd53b2c3d2f
SM_V9_4 iris    CDS     10327363        10327515        .       -
        0       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10329208        10329422        .       -
        2       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10330302        10330918        .       -
        1       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10332716        10332802        .       -
        1       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10333823        10333911        .       -
        0       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10336731        10336785        .       -
        1       Parent=Smp_172640.1
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SM_V9_4 iris    CDS     10338835        10338932        .       -
        0       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10340775        10340888        .       -
        0       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10345643        10345697        .       -
        1       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10348114        10348186        .       -
        2       Parent=Smp_172640.1
SM_V9_4 iris    CDS     10356165        10356321        .       -
        0       Parent=Smp_172640.1
SM_V9_4 iris    gene    10364323        10444770        .       +
        .
ID=Smp_316340;geneID=Smp_316340;gene_name=Smp_316340;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10364323        10444770        .       +
        .
ID=Smp_316340.1;Parent=Smp_316340;geneID=Smp_316340;gene_name=Smp_31
6340;owner=irisadmin@local.host;orig_id=Smp_316340.4;date_last_modif
ied=2022-07-25;Name=Smp_316340.1;product=Ribonuclease
Y;date_creation=2022-07-25
SM_V9_4 iris    exon    10364323        10364353        .       +
        .       Parent=Smp_316340.1;Name=2d739b4d-b0a0-4795-
a89d-897204291339
SM_V9_4 iris    exon    10367570        10367626        .       +
        .       Parent=Smp_316340.1;Name=bf45ba25-05b2-44a8-a75d-
c89723ae2533
SM_V9_4 iris    exon    10372478        10372557        .       +
        .
Parent=Smp_316340.1;Name=86ac39e9-6cfe-4352-8144-64d49bccc80d
SM_V9_4 iris    exon    10378297        10378341        .       +
        .       Parent=Smp_316340.1;Name=8fc83da8-
ab89-428f-9d9e-7a34fabf550d
SM_V9_4 iris    exon    10381687        10381883        .       +
        .       Parent=Smp_316340.1;Name=96aa5537-ab41-4c26-
a430-8ac784136ca8
SM_V9_4 iris    exon    10387732        10388000        .       +
        .
Parent=Smp_316340.1;Name=27e38759-0679-48dc-9a53-0014a832a109
SM_V9_4 iris    exon    10390849        10390971        .       +
        .
Parent=Smp_316340.1;Name=929dbb36-0033-41f4-9077-065e99094689
SM_V9_4 iris    exon    10406552        10406669        .       +
        .       Parent=Smp_316340.1;Name=9dcf817f-3bdf-4c97-a0ae-
dc08721d0d2b
SM_V9_4 iris    exon    10409342        10409632        .       +
        .       Parent=Smp_316340.1;Name=83ffa993-94a0-41e3-
bb52-91b9cc505960
SM_V9_4 iris    exon    10416369        10416475        .       +
        .       Parent=Smp_316340.1;Name=83e218d4-21dd-4f52-bf51-
d8cfd30cecba
SM_V9_4 iris    exon    10418091        10418298        .       +
        .       Parent=Smp_316340.1;Name=70bfc895-1265-4a03-a4b1-
edae40daba62
SM_V9_4 iris    exon    10419248        10419637        .       +
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        .       Parent=Smp_316340.1;Name=98fe5420-1179-40da-
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SM_V9_4 iris    exon    10421384        10421524        .       +
        .       Parent=Smp_316340.1;Name=0a2d0194-b5fa-48c8-
a94c-92971f68c997
SM_V9_4 iris    exon    10430693        10430745        .       +
        .
Parent=Smp_316340.1;Name=94ea2bc1-752d-46e3-8c32-13236940556a
SM_V9_4 iris    exon    10433827        10434258        .       +
        .       Parent=Smp_316340.1;Name=1aa77bbe-
ef14-4e98-9c77-525305c87adc
SM_V9_4 iris    exon    10437622        10438081        .       +
        .       Parent=Smp_316340.1;Name=23c5007c-012f-4c2b-
b133-31a8d494e2ea
SM_V9_4 iris    exon    10439896        10440263        .       +
        .       Parent=Smp_316340.1;Name=37319645-2d8e-48d6-
aa4d-991c25b5fb45
SM_V9_4 iris    exon    10441622        10441639        .       +
        .       Parent=Smp_316340.1;Name=ffc718be-33c5-40fb-91fa-
ba7e84f9cada
SM_V9_4 iris    exon    10443351        10444770        .       +
        .       Parent=Smp_316340.1;Name=3f2d5baf-235a-41fb-a4bd-
cdb2ee745721
SM_V9_4 iris    CDS     10367615        10367626        .       +
        0       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10372478        10372557        .       +
        0       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10378297        10378341        .       +
        1       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10381687        10381883        .       +
        1       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10387732        10388000        .       +
        2       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10390849        10390971        .       +
        0       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10406552        10406669        .       +
        0       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10409342        10409632        .       +
        2       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10416369        10416475        .       +
        2       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10418091        10418298        .       +
        0       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10419248        10419637        .       +
        2       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10421384        10421524        .       +
        2       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10430693        10430745        .       +
        2       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10433827        10434258        .       +
        0       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10437622        10438081        .       +
        0       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10439896        10440263        .       +
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        2       Parent=Smp_316340.1
SM_V9_4 iris    CDS     10441622        10441639        .       +
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SM_V9_4 iris    CDS     10443351        10443581        .       +
        0       Parent=Smp_316340.1
SM_V9_4 Liftoff gene    10457196        10461866        .       +
        .
ID=Smp_312640;geneID=Smp_312640;previous_systematic_id=Smp_172560
SM_V9_4 Liftoff mRNA    10457196        10461866        .       +
        .
ID=Smp_312640.1;Parent=Smp_312640;geneID=Smp_312640;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    10457196        10457756        .       +
        .       Parent=Smp_312640.1
SM_V9_4 Liftoff exon    10461552        10461866        .       +
        .       Parent=Smp_312640.1
SM_V9_4 Liftoff CDS     10457269        10457756        .       +
        0       Parent=Smp_312640.1
SM_V9_4 Liftoff CDS     10461552        10461816        .       +
        1       Parent=Smp_312640.1
SM_V9_4 iris    gene    10471016        10475834        .       +
        .
ID=Smp_312660;geneID=Smp_312660;gene_name=Smp_312660;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10471016        10475834        .       +
        .
ID=Smp_312660.1;Parent=Smp_312660;geneID=Smp_312660;gene_name=Smp_31
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ied=2022-07-25;Name=Smp_312660.1;product=Ankyrin repeat and SOCS box
protein 3;date_creation=2022-07-25
SM_V9_4 iris    exon    10471016        10473334        .       +
        .       Parent=Smp_312660.1;Name=0a806d23-0bcd-4c50-
bf69-90737929ede5
SM_V9_4 iris    exon    10473367        10473510        .       +
        .       Parent=Smp_312660.1;Name=65df24c5-99bb-4378-95a5-
b53fb917102e
SM_V9_4 iris    exon    10473552        10473734        .       +
        .       Parent=Smp_312660.1;Name=ea3f9954-2eec-4499-
a681-4295caca0910
SM_V9_4 iris    exon    10474428        10475834        .       +
        .       Parent=Smp_312660.1;Name=3b432865-a3c3-40db-
b2a6-20b28917c8b2
SM_V9_4 iris    CDS     10473215        10473334        .       +
        0       Parent=Smp_312660.1
SM_V9_4 iris    CDS     10473367        10473510        .       +
        0       Parent=Smp_312660.1
SM_V9_4 iris    CDS     10473552        10473734        .       +
        0       Parent=Smp_312660.1
SM_V9_4 iris    CDS     10474428        10475726        .       +
        0       Parent=Smp_312660.1
SM_V9_4 Liftoff gene    10476491        10479773        .       -
        .       ID=Smp_092280;geneID=Smp_092280
SM_V9_4 Liftoff mRNA    10476491        10479773        .       -
        .
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me subunit alpha
type-3;polypeptide_domain=InterPro:IPR000426,IPR001353,IPR023332,IPR
029055
Pfam:PF00227,PF10584;Ontology_term=GO:0004175,GO:0004298,GO:0005839,
GO:0006511,GO:0019773,GO:0051603
SM_V9_4 Liftoff exon    10476491        10476641        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff exon    10476680        10476747        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff exon    10477881        10477993        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff exon    10479116        10479259        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff exon    10479291        10479392        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff exon    10479427        10479550        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff exon    10479588        10479670        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff exon    10479704        10479773        .       -
        .       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10476532        10476641        .       -
        2       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10476680        10476747        .       -
        1       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10477881        10477993        .       -
        0       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10479116        10479259        .       -
        0       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10479291        10479392        .       -
        0       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10479427        10479550        .       -
        1       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10479588        10479670        .       -
        0       Parent=Smp_092280.1
SM_V9_4 Liftoff CDS     10479704        10479724        .       -
        0       Parent=Smp_092280.1
SM_V9_4 Liftoff gene    10498746        10519741        .       +
        .
ID=Smp_346120;geneID=Smp_346120;previous_systematic_id=Smp_172550
SM_V9_4 Liftoff mRNA    10498746        10519741        .       +
        .
ID=Smp_346120.1;Parent=Smp_346120;geneID=Smp_346120;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    10498746        10501242        .       +
        .       Parent=Smp_346120.1
SM_V9_4 Liftoff exon    10512683        10512910        .       +
        .       Parent=Smp_346120.1
SM_V9_4 Liftoff exon    10518275        10518748        .       +
        .       Parent=Smp_346120.1
SM_V9_4 Liftoff exon    10519566        10519741        .       +
        .       Parent=Smp_346120.1
SM_V9_4 Liftoff CDS     10501239        10501242        .       +
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        0       Parent=Smp_346120.1
SM_V9_4 Liftoff CDS     10512683        10512910        .       +
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SM_V9_4 Liftoff CDS     10518275        10518748        .       +
        2       Parent=Smp_346120.1
SM_V9_4 Liftoff CDS     10519566        10519594        .       +
        2       Parent=Smp_346120.1
SM_V9_4 iris    gene    10527656        10564880        .       +
        .
ID=Smp_172540;geneID=Smp_172540;gene_name=Smp_172540;owner=irisadmin
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SM_V9_4 iris    mRNA    10527656        10564880        .       +
        .
ID=Smp_172540.1;Parent=Smp_172540;geneID=Smp_172540;gene_name=Smp_17
2540;owner=irisadmin@local.host;orig_id=Smp_172540.1;date_last_modif
ied=2022-07-25;Name=Smp_172540.1;product=GATOR complex protein
MIOS;date_creation=2022-07-25
SM_V9_4 iris    exon    10527656        10527987        .       +
        .       Parent=Smp_172540.1;Name=bf7baccb-509a-4aa8-
b90f-496497e74a65
SM_V9_4 iris    exon    10528036        10528109        .       +
        .       Parent=Smp_172540.1;Name=5dfae8e2-
f5b4-4e2f-83ab-807a21bfd362
SM_V9_4 iris    exon    10528143        10528243        .       +
        .       Parent=Smp_172540.1;Name=b2b0ad54-6627-42d1-a8ad-
b27c2cb967c8
SM_V9_4 iris    exon    10528281        10528336        .       +
        .       Parent=Smp_172540.1;Name=8254443e-21b7-4f93-b37f-
bbb389952dab
SM_V9_4 iris    exon    10528372        10528434        .       +
        .       Parent=Smp_172540.1;Name=85ece970-
f4ef-4720-8e07-984eb8d1da13
SM_V9_4 iris    exon    10529229        10529519        .       +
        .       Parent=Smp_172540.1;Name=cb11a21e-e7fc-4665-
a577-4f81baa93d74
SM_V9_4 iris    exon    10530117        10530209        .       +
        .
Parent=Smp_172540.1;Name=7a2b5e7e-46b5-45a8-92fb-8dcfa78cf98e
SM_V9_4 iris    exon    10531009        10531103        .       +
        .       Parent=Smp_172540.1;Name=21810007-
df41-41e2-9338-86fadd5de9a6
SM_V9_4 iris    exon    10532066        10532107        .       +
        .       Parent=Smp_172540.1;Name=e9eb7129-78bd-43c6-a7ee-
efd12b421a46
SM_V9_4 iris    exon    10534132        10534187        .       +
        .       Parent=Smp_172540.1;Name=5b2a994e-cae6-4a46-
bdec-1061fe2e4b75
SM_V9_4 iris    exon    10536698        10536819        .       +
        .       Parent=Smp_172540.1;Name=0e06482d-31d0-4cb2-
a64a-9e29583c385a
SM_V9_4 iris    exon    10538444        10538568        .       +
        .       Parent=Smp_172540.1;Name=3cd7177f-c558-4c24-8e95-
f64409d9a78d
SM_V9_4 iris    exon    10539692        10540054        .       +
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        .       Parent=Smp_172540.1;Name=22f42035-3424-44b2-
b2aa-51dbbd2ee79d
SM_V9_4 iris    exon    10541063        10541135        .       +
        .       Parent=Smp_172540.1;Name=420df5ba-66cd-4aeb-9f6f-
e56ef9fc9847
SM_V9_4 iris    exon    10542181        10542222        .       +
        .       Parent=Smp_172540.1;Name=8325c07c-f263-48f7-ac54-
a44186754efa
SM_V9_4 iris    exon    10543206        10543431        .       +
        .       Parent=Smp_172540.1;Name=db739be1-1765-4cab-87bd-
d4719590a09c
SM_V9_4 iris    exon    10545918        10545989        .       +
        .       Parent=Smp_172540.1;Name=07bf22da-132b-4eb0-b2e4-
c10e0353164a
SM_V9_4 iris    exon    10547301        10547398        .       +
        .       Parent=Smp_172540.1;Name=0344ec4b-6d3b-48e8-aa29-
d646f2c76373
SM_V9_4 iris    exon    10550334        10550500        .       +
        .       Parent=Smp_172540.1;Name=2e5b2e95-71ae-4284-b721-
be70e93ecb52
SM_V9_4 iris    exon    10552004        10552069        .       +
        .
Parent=Smp_172540.1;Name=bce84ca8-4562-4706-8948-343f8919afbf
SM_V9_4 iris    exon    10555726        10556153        .       +
        .       Parent=Smp_172540.1;Name=9578259d-7327-42be-ba35-
fc5746035af9
SM_V9_4 iris    exon    10559370        10559685        .       +
        .       Parent=Smp_172540.1;Name=71f967fd-
d087-476f-8a03-5b271bb646c5
SM_V9_4 iris    exon    10562293        10562771        .       +
        .       Parent=Smp_172540.1;Name=96898cdf-b0a4-435c-
af5a-09985f746a51
SM_V9_4 iris    exon    10564274        10564880        .       +
        .       Parent=Smp_172540.1;Name=6af576e3-62d2-482e-
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SM_V9_4 iris    CDS     10527858        10527987        .       +
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SM_V9_4 iris    CDS     10528036        10528109        .       +
        2       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10528143        10528243        .       +
        0       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10528281        10528336        .       +
        1       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10528372        10528434        .       +
        2       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10529229        10529519        .       +
        2       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10530117        10530209        .       +
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SM_V9_4 iris    CDS     10531009        10531103        .       +
        2       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10532066        10532107        .       +
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SM_V9_4 iris    CDS     10534132        10534187        .       +
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        0       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10536698        10536819        .       +
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SM_V9_4 iris    CDS     10538444        10538568        .       +
        2       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10539692        10540054        .       +
        0       Parent=Smp_172540.1
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        0       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10542181        10542222        .       +
        2       Parent=Smp_172540.1
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        2       Parent=Smp_172540.1
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        1       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10547301        10547398        .       +
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SM_V9_4 iris    CDS     10550334        10550500        .       +
        2       Parent=Smp_172540.1
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        0       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10559370        10559685        .       +
        1       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10562293        10562771        .       +
        0       Parent=Smp_172540.1
SM_V9_4 iris    CDS     10564274        10564580        .       +
        1       Parent=Smp_172540.1
SM_V9_4 Liftoff gene    10586766        10592877        .       +
        .       ID=Smp_158810;geneID=Smp_158810
SM_V9_4 Liftoff mRNA    10586766        10592877        .       +
        .
ID=Smp_158810.1;Parent=Smp_158810;geneID=Smp_158810;product=Proteaso
me assembly chaperone 1;polypeptide_domain=InterPro:IPR016565
Pfam:PF16094;Ontology_term=GO:0005783,GO:0043248
SM_V9_4 Liftoff exon    10586766        10592877        .       +
        .       Parent=Smp_158810.1
SM_V9_4 Liftoff CDS     10591888        10592772        .       +
        0       Parent=Smp_158810.1
SM_V9_4 iris    gene    10599283        10696254        .       -
        .
ID=Smp_344980;geneID=Smp_344980;gene_name=Smp_344980;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10599283        10696254        .       -
        .
ID=Smp_344980.1;Parent=Smp_344980;geneID=Smp_344980;gene_name=Smp_34
4980;owner=irisadmin@local.host;orig_id=Smp_344980.1;date_last_modif
ied=2022-07-25;Name=Smp_344980.1;product=Myotubularin-related
protein 13;date_creation=2022-07-25
SM_V9_4 iris    exon    10599283        10600026        .       -
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Parent=Smp_344980.1;Name=2f145caf-740f-4f42-8d86-8908e21d7d95
SM_V9_4 iris    exon    10603682        10604063        .       -
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SM_V9_4 iris    exon    10604947        10605353        .       -
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eb2fd2ff928e
SM_V9_4 iris    exon    10606664        10607956        .       -
        .       Parent=Smp_344980.1;Name=c1d3d43a-77fc-42b0-ad3d-
ca37c8dccf3a
SM_V9_4 iris    exon    10610161        10610334        .       -
        .
Parent=Smp_344980.1;Name=5e5691b0-892c-4486-808f-8549a3f6d586
SM_V9_4 iris    exon    10612232        10612729        .       -
        .       Parent=Smp_344980.1;Name=4e79785f-9c07-4ce0-b628-
df92e516473d
SM_V9_4 iris    exon    10615242        10615781        .       -
        .
Parent=Smp_344980.1;Name=7e9aca23-5af8-4415-9409-1690fc4bfdd9
SM_V9_4 iris    exon    10621614        10621858        .       -
        .       Parent=Smp_344980.1;Name=f02db6e1-ea17-4233-
b182-36c0693b28f1
SM_V9_4 iris    exon    10633451        10633759        .       -
        .       Parent=Smp_344980.1;Name=acf12f9d-
fb7e-4114-9c47-9ddc6058f70d
SM_V9_4 iris    exon    10634329        10634515        .       -
        .       Parent=Smp_344980.1;Name=dc5727a0-e353-4439-
b9a6-714bb62f4ecf
SM_V9_4 iris    exon    10638927        10639342        .       -
        .       Parent=Smp_344980.1;Name=d973f322-34b9-49e3-
a6ba-34fbb598f9b2
SM_V9_4 iris    exon    10640436        10640539        .       -
        .       Parent=Smp_344980.1;Name=afa5d168-11f2-41b7-a355-
d900ed72ffb7
SM_V9_4 iris    exon    10641351        10641972        .       -
        .       Parent=Smp_344980.1;Name=33b1586b-6e05-43f5-
bdd7-935a74830fcb
SM_V9_4 iris    exon    10643454        10643790        .       -
        .       Parent=Smp_344980.1;Name=1570043b-5c45-495c-b770-
ef111c50043c
SM_V9_4 iris    exon    10645546        10645619        .       -
        .       Parent=Smp_344980.1;Name=63a482c4-5fb9-45eb-9d23-
f9d1bf873527
SM_V9_4 iris    exon    10650634        10650791        .       -
        .       Parent=Smp_344980.1;Name=c2a557c2-f320-492c-
b667-00ae0b8c491b
SM_V9_4 iris    exon    10656656        10657197        .       -
        .       Parent=Smp_344980.1;Name=d6567b3a-7e5d-4689-
b460-701fb34d5706
SM_V9_4 iris    exon    10658945        10659298        .       -
        .       Parent=Smp_344980.1;Name=27f9fe82-dea1-4376-
a911-7ab40ba1fcf6
SM_V9_4 iris    exon    10662207        10662500        .       -
        .       Parent=Smp_344980.1;Name=790c995d-d87e-46bf-9535-
e5285f662638
SM_V9_4 iris    exon    10665372        10665528        .       -
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        .       Parent=Smp_344980.1;Name=f41e28c0-9c52-4689-
b828-52c8495dce16
SM_V9_4 iris    exon    10668417        10668559        .       -
        .       Parent=Smp_344980.1;Name=c1c7b5e5-b15b-4cab-
a49a-8238d932ad75
SM_V9_4 iris    exon    10668774        10669088        .       -
        .       Parent=Smp_344980.1;Name=7d89e739-9b72-4018-
bbe7-10dfd478e555
SM_V9_4 iris    exon    10673147        10673341        .       -
        .       Parent=Smp_344980.1;Name=85fc3038-d903-414a-a9a3-
f3e0b916ea71
SM_V9_4 iris    exon    10675355        10675468        .       -
        .       Parent=Smp_344980.1;Name=ac9f8c20-0f6f-46f2-bcd2-
c8fcc9fcdfac
SM_V9_4 iris    exon    10681572        10681680        .       -
        .       Parent=Smp_344980.1;Name=ea102f6f-11c6-46f9-9144-
e4ffebc6b5dc
SM_V9_4 iris    exon    10683443        10683575        .       -
        .       Parent=Smp_344980.1;Name=ddacd6e5-b411-44bd-
a1b4-15ea782fbb91
SM_V9_4 iris    exon    10685734        10685850        .       -
        .       Parent=Smp_344980.1;Name=d1f2e4a1-2a13-4f33-
bf85-56e4b84556b3
SM_V9_4 iris    exon    10689907        10690012        .       -
        .       Parent=Smp_344980.1;Name=87f003ac-b0a1-4c83-
b576-773bfb0f42d1
SM_V9_4 iris    exon    10693241        10693765        .       -
        .       Parent=Smp_344980.1;Name=57d48c3b-6691-4f05-8963-
d4d9968f0d83
SM_V9_4 iris    exon    10693814        10693899        .       -
        .       Parent=Smp_344980.1;Name=3e131af2-5860-4d8c-b712-
debcd353f42f
SM_V9_4 iris    exon    10696198        10696254        .       -
        .       Parent=Smp_344980.1;Name=1b9ee5c8-15f6-43be-b3ff-
ab5c7cbe647f
SM_V9_4 iris    CDS     10599934        10600026        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10603682        10604063        .       -
        1       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10604947        10605353        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10606664        10607956        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10610161        10610334        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10612232        10612729        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10615242        10615781        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10621614        10621858        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10633451        10633759        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10634329        10634515        .       -
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        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10638927        10639342        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10640436        10640539        .       -
        1       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10641351        10641972        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10643454        10643790        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10645546        10645619        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10650634        10650791        .       -
        1       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10656656        10657197        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10658945        10659298        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10662207        10662500        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10665372        10665528        .       -
        1       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10668417        10668559        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10668774        10669088        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10673147        10673341        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10675355        10675468        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10681572        10681680        .       -
        1       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10683443        10683575        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10685734        10685850        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10689907        10690012        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10693241        10693765        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10693814        10693899        .       -
        2       Parent=Smp_344980.1
SM_V9_4 iris    CDS     10696198        10696252        .       -
        0       Parent=Smp_344980.1
SM_V9_4 iris    gene    10711756        10751271        .       +
        .
ID=Smp_344990;geneID=Smp_344990;gene_name=Smp_344990;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10711756        10751271        .       +
        .
ID=Smp_344990.1;Parent=Smp_344990;geneID=Smp_344990;gene_name=Smp_34
4990;owner=irisadmin@local.host;orig_id=Smp_344990.1;date_last_modif
ied=2022-07-25;Name=Smp_344990.1;product=Trafficking protein
particle complex subunit 10;date_creation=2022-07-25
SM_V9_4 iris    exon    10711756        10711904        .       +
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        .       Parent=Smp_344990.1;Name=5d5eea61-a6b5-439c-8123-
f888ce0ef971
SM_V9_4 iris    exon    10712861        10713014        .       +
        .       Parent=Smp_344990.1;Name=502ff7fb-4762-4c41-
a4b5-0162dd47e30b
SM_V9_4 iris    exon    10714804        10715045        .       +
        .       Parent=Smp_344990.1;Name=5f1c44b2-7278-41df-
b5b4-6c5ac8589e15
SM_V9_4 iris    exon    10718182        10718378        .       +
        .       Parent=Smp_344990.1;Name=886621ac-dcad-4268-8c44-
f0484c2befae
SM_V9_4 iris    exon    10720438        10720639        .       +
        .       Parent=Smp_344990.1;Name=a6dd2b8d-a3a5-4d62-a6a2-
f0e668cc836e
SM_V9_4 iris    exon    10722786        10722897        .       +
        .       Parent=Smp_344990.1;Name=4de83429-
cafe-4e00-8c7a-5fb810aeb75d
SM_V9_4 iris    exon    10724071        10724345        .       +
        .
Parent=Smp_344990.1;Name=b92db547-935f-45e3-9d8c-7a0728077701
SM_V9_4 iris    exon    10725620        10726536        .       +
        .       Parent=Smp_344990.1;Name=aadd7579-8327-4e24-a96b-
a86109d2abec
SM_V9_4 iris    exon    10729741        10729917        .       +
        .       Parent=Smp_344990.1;Name=17e49ea0-1e4a-41bf-
aa24-251b2ffe1baa
SM_V9_4 iris    exon    10732982        10733329        .       +
        .       Parent=Smp_344990.1;Name=ffc05bfc-e177-495e-a8cc-
a814f1451188
SM_V9_4 iris    exon    10735354        10735994        .       +
        .
Parent=Smp_344990.1;Name=5ef2d4e7-8843-44cd-9215-1224fbfc3f40
SM_V9_4 iris    exon    10740756        10740985        .       +
        .       Parent=Smp_344990.1;Name=044effc3-37b6-4f2b-
a09e-36f33a74a21b
SM_V9_4 iris    exon    10742733        10742985        .       +
        .       Parent=Smp_344990.1;Name=4573a6d0-1221-41a0-
aa7f-30363d586e81
SM_V9_4 iris    exon    10744453        10744985        .       +
        .       Parent=Smp_344990.1;Name=933c477d-1094-4e01-956a-
d4507233559f
SM_V9_4 iris    exon    10746453        10746553        .       +
        .       Parent=Smp_344990.1;Name=29edb443-
b036-48cb-9d7f-3b091538c6e7
SM_V9_4 iris    exon    10748664        10749051        .       +
        .       Parent=Smp_344990.1;Name=4555ed09-25e7-41d9-
b49e-9eb4854fe805
SM_V9_4 iris    exon    10750667        10751271        .       +
        .       Parent=Smp_344990.1;Name=80aa442c-a359-4f53-
b8fb-66396809dc32
SM_V9_4 iris    CDS     10712984        10713014        .       +
        0       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10714804        10715045        .       +
        2       Parent=Smp_344990.1
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SM_V9_4 iris    CDS     10718182        10718378        .       +
        0       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10720438        10720639        .       +
        1       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10722786        10722897        .       +
        0       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10724071        10724345        .       +
        2       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10725620        10726536        .       +
        0       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10729741        10729917        .       +
        1       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10732982        10733329        .       +
        1       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10735354        10735994        .       +
        1       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10740756        10740985        .       +
        2       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10742733        10742985        .       +
        0       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10744453        10744985        .       +
        2       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10746453        10746553        .       +
        0       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10748664        10749051        .       +
        1       Parent=Smp_344990.1
SM_V9_4 iris    CDS     10750667        10750861        .       +
        0       Parent=Smp_344990.1
SM_V9_4 Liftoff gene    10752695        10771652        .       -
        .       ID=Smp_158840;geneID=Smp_158840
SM_V9_4 Liftoff mRNA    10752695        10771652        .       -
        .
ID=Smp_158840.1;Parent=Smp_158840;geneID=Smp_158840;product=Digestiv
e organ expansion factor
homolog;polypeptide_domain=InterPro:IPR010678,IPR027417
Pfam:PF06862;Ontology_term=GO:0005634
SM_V9_4 Liftoff exon    10752695        10752899        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10754739        10754837        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10756705        10756876        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10759117        10759530        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10761473        10761738        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10763952        10764084        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10767045        10767268        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10768972        10769028        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10769075        10769157        .       -
        .       Parent=Smp_158840.1
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SM_V9_4 Liftoff exon    10769203        10769265        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10769312        10769380        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10769419        10769498        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff exon    10769537        10771652        .       -
        .       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10752716        10752899        .       -
        1       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10754739        10754837        .       -
        1       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10756705        10756876        .       -
        2       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10759117        10759530        .       -
        2       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10761473        10761738        .       -
        1       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10763952        10764084        .       -
        2       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10767045        10767268        .       -
        1       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10768972        10769028        .       -
        1       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10769075        10769157        .       -
        0       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10769203        10769265        .       -
        0       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10769312        10769380        .       -
        0       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10769419        10769498        .       -
        2       Parent=Smp_158840.1
SM_V9_4 Liftoff CDS     10769537        10769567        .       -
        0       Parent=Smp_158840.1
SM_V9_4 Liftoff gene    10779176        10789925        .       +
        .       ID=Smp_158860;geneID=Smp_158860
SM_V9_4 Liftoff mRNA    10779176        10789925        .       +
        .
ID=Smp_158860.1;Parent=Smp_158860;geneID=Smp_158860;product=RNA-
binding protein
48;polypeptide_domain=InterPro:IPR000504;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    10779176        10781555        .       +
        .       Parent=Smp_158860.1
SM_V9_4 Liftoff exon    10781657        10781802        .       +
        .       Parent=Smp_158860.1
SM_V9_4 Liftoff exon    10783182        10783560        .       +
        .       Parent=Smp_158860.1
SM_V9_4 Liftoff exon    10784978        10785319        .       +
        .       Parent=Smp_158860.1
SM_V9_4 Liftoff exon    10787215        10789925        .       +
        .       Parent=Smp_158860.1
SM_V9_4 Liftoff CDS     10781230        10781555        .       +
        0       Parent=Smp_158860.1
SM_V9_4 Liftoff CDS     10781657        10781802        .       +
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        1       Parent=Smp_158860.1
SM_V9_4 Liftoff CDS     10783182        10783560        .       +
        2       Parent=Smp_158860.1
SM_V9_4 Liftoff CDS     10784978        10785319        .       +
        1       Parent=Smp_158860.1
SM_V9_4 Liftoff CDS     10787215        10787281        .       +
        1       Parent=Smp_158860.1
SM_V9_4 Liftoff mRNA    10779176        10789925        .       +
        .
ID=Smp_158860.2;Parent=Smp_158860;geneID=Smp_158860;product=RNA-
binding protein 48
SM_V9_4 Liftoff exon    10779176        10781802        .       +
        .       Parent=Smp_158860.2
SM_V9_4 Liftoff exon    10783182        10783560        .       +
        .       Parent=Smp_158860.2
SM_V9_4 Liftoff exon    10784978        10785319        .       +
        .       Parent=Smp_158860.2
SM_V9_4 Liftoff exon    10787215        10789925        .       +
        .       Parent=Smp_158860.2
SM_V9_4 Liftoff CDS     10781646        10781802        .       +
        0       Parent=Smp_158860.2
SM_V9_4 Liftoff CDS     10783182        10783560        .       +
        2       Parent=Smp_158860.2
SM_V9_4 Liftoff CDS     10784978        10785319        .       +
        1       Parent=Smp_158860.2
SM_V9_4 Liftoff CDS     10787215        10787281        .       +
        1       Parent=Smp_158860.2
SM_V9_4 Liftoff gene    10808911        10850072        .       +
        .
ID=Smp_334050;geneID=Smp_334050;previous_systematic_id=Smp_158870,Sm
p_158880
SM_V9_4 Liftoff mRNA    10808911        10850072        .       +
        .
ID=Smp_334050.1;Parent=Smp_334050;geneID=Smp_334050;product=Protocad
herin-11 X-
linked;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_4 Liftoff exon    10808911        10809102        .       +
        .       Parent=Smp_334050.1
SM_V9_4 Liftoff exon    10816131        10819625        .       +
        .       Parent=Smp_334050.1
SM_V9_4 Liftoff exon    10835319        10835947        .       +
        .       Parent=Smp_334050.1
SM_V9_4 Liftoff exon    10846493        10846619        .       +
        .       Parent=Smp_334050.1
SM_V9_4 Liftoff exon    10848753        10850072        .       +
        .       Parent=Smp_334050.1
SM_V9_4 Liftoff CDS     10809096        10809102        .       +
        0       Parent=Smp_334050.1
SM_V9_4 Liftoff CDS     10816131        10819625        .       +
        2       Parent=Smp_334050.1
SM_V9_4 Liftoff CDS     10835319        10835947        .       +
        2       Parent=Smp_334050.1
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SM_V9_4 Liftoff CDS     10846493        10846619        .       +
        0       Parent=Smp_334050.1
SM_V9_4 Liftoff CDS     10848753        10849834        .       +
        2       Parent=Smp_334050.1
SM_V9_4 iris    gene    10881743        10898217        .       -
        .
ID=Smp_158890;geneID=Smp_158890;gene_name=Smp_158890;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10881743        10898217        .       -
        .
ID=Smp_158890.1;Parent=Smp_158890;geneID=Smp_158890;gene_name=Smp_15
8890;owner=irisadmin@local.host;orig_id=Smp_158890.1;date_last_modif
ied=2022-07-25;Name=Smp_158890.1;product=MEG-16;date_creation=2022-0
7-25
SM_V9_4 iris    exon    10881743        10881902        .       -
        .       Parent=Smp_158890.1;Name=248143c5-fbf9-4cd4-b88d-
abee477e12e9
SM_V9_4 iris    exon    10882823        10882835        .       -
        .
Parent=Smp_158890.1;Name=2c18ee36-0cdb-4f77-89df-5601cb4b1b29
SM_V9_4 iris    exon    10885168        10885224        .       -
        .       Parent=Smp_158890.1;Name=ccc5af3d-7b98-477f-a768-
fef2ea9c6885
SM_V9_4 iris    exon    10885839        10885868        .       -
        .       Parent=Smp_158890.1;Name=11b1c4ec-9ff9-4f7f-
aa19-9219683cb8d7
SM_V9_4 iris    exon    10886831        10886866        .       -
        .       Parent=Smp_158890.1;Name=146ce3c0-55ee-44b4-
a709-6da83766d411
SM_V9_4 iris    exon    10888739        10888768        .       -
        .       Parent=Smp_158890.1;Name=e22985ce-
bba1-4ea9-80e7-695d430cac32
SM_V9_4 iris    exon    10890683        10890691        .       -
        .       Parent=Smp_158890.1;Name=071ca54a-
aaa4-4bea-8491-7512366896c5
SM_V9_4 iris    exon    10892115        10892162        .       -
        .       Parent=Smp_158890.1;Name=3e23cd56-dc06-4335-a503-
b49c8c52126d
SM_V9_4 iris    exon    10892734        10892763        .       -
        .       Parent=Smp_158890.1;Name=21e261b9-24de-4ee4-
a076-9a922c5479e5
SM_V9_4 iris    exon    10894689        10894709        .       -
        .       Parent=Smp_158890.1;Name=d0f75406-9cf8-4b8b-
b10c-8ac0ebc38f1a
SM_V9_4 iris    exon    10898112        10898217        .       -
        .       Parent=Smp_158890.1;Name=24f7a8b8-a83b-4122-b23d-
bceadfa69942
SM_V9_4 iris    CDS     10881890        10881902        .       -
        1       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10882823        10882835        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10885168        10885224        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10885839        10885868        .       -
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        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10886831        10886866        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10888739        10888768        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10890683        10890691        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10892115        10892162        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10892734        10892763        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10894689        10894709        .       -
        2       Parent=Smp_158890.1
SM_V9_4 iris    CDS     10898112        10898169        .       -
        0       Parent=Smp_158890.1
SM_V9_4 Liftoff gene    10905395        10907097        .       -
        .       ID=Smp_067780;geneID=Smp_067780
SM_V9_4 Liftoff mRNA    10905395        10907097        .       -
        .
ID=Smp_067780.1;Parent=Smp_067780;geneID=Smp_067780;product=Protein
transport protein SFT2;polypeptide_domain=InterPro:IPR007305
Pfam:PF04178;Ontology_term=GO:0016192
SM_V9_4 Liftoff exon    10905395        10907097        .       -
        .       Parent=Smp_067780.1
SM_V9_4 Liftoff CDS     10905608        10906279        .       -
        0       Parent=Smp_067780.1
SM_V9_4 iris    gene    10923261        10943949        .       +
        .
ID=Smp_345000;geneID=Smp_345000;gene_name=Smp_345000;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10923261        10943949        .       +
        .
ID=Smp_345000.1;Parent=Smp_345000;geneID=Smp_345000;gene_name=Smp_34
5000;owner=irisadmin@local.host;orig_id=Smp_345000.1;date_last_modif
ied=2022-07-25;Name=Smp_345000.1;product=Pre-mRNA-processing ATP-
dependent RNA helicase PRP5;date_creation=2022-07-25
SM_V9_4 iris    exon    10923261        10923298        .       +
        .       Parent=Smp_345000.1;Name=045bc3af-8fc3-4e05-
b0bc-1110923df2d9
SM_V9_4 iris    exon    10927453        10928876        .       +
        .       Parent=Smp_345000.1;Name=20668a1a-c104-43ca-
acda-15bb9e9e3f19
SM_V9_4 iris    exon    10934514        10934735        .       +
        .
Parent=Smp_345000.1;Name=029e56f8-45a7-46da-8bc6-5e2709a80d48
SM_V9_4 iris    exon    10935851        10935979        .       +
        .
Parent=Smp_345000.1;Name=9cad7713-626d-477e-8225-3ea5745b80d4
SM_V9_4 iris    exon    10936658        10936924        .       +
        .       Parent=Smp_345000.1;Name=ce0853e0-f8e8-464b-
a7aa-77a9eac33dc2
SM_V9_4 iris    exon    10938623        10938860        .       +
        .       Parent=Smp_345000.1;Name=7d186ccc-d2da-41e2-
a685-89d5b1713366
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SM_V9_4 iris    exon    10942054        10942221        .       +
        .
Parent=Smp_345000.1;Name=4533eb7c-5612-4f5e-923c-839d282dce48
SM_V9_4 iris    exon    10942712        10943949        .       +
        .       Parent=Smp_345000.1;Name=fb6f3137-
d2bb-43f5-8685-714d90e82d90
SM_V9_4 iris    CDS     10923283        10923298        .       +
        0       Parent=Smp_345000.1
SM_V9_4 iris    CDS     10927453        10928876        .       +
        2       Parent=Smp_345000.1
SM_V9_4 iris    CDS     10934514        10934735        .       +
        0       Parent=Smp_345000.1
SM_V9_4 iris    CDS     10935851        10935979        .       +
        0       Parent=Smp_345000.1
SM_V9_4 iris    CDS     10936658        10936924        .       +
        0       Parent=Smp_345000.1
SM_V9_4 iris    CDS     10938623        10938860        .       +
        0       Parent=Smp_345000.1
SM_V9_4 iris    CDS     10942054        10942221        .       +
        2       Parent=Smp_345000.1
SM_V9_4 iris    CDS     10942712        10943406        .       +
        2       Parent=Smp_345000.1
SM_V9_4 Liftoff gene    10977900        10978807        .       -
        .
ID=Smp_341080;geneID=Smp_341080;previous_systematic_id=Smp_067800
SM_V9_4 Liftoff mRNA    10977900        10978807        .       -
        .
ID=Smp_341080.1;Parent=Smp_341080;geneID=Smp_341080;product=DNA
ligase
SM_V9_4 Liftoff exon    10977900        10978807        .       -
        .       Parent=Smp_341080.1
SM_V9_4 Liftoff CDS     10977980        10978228        .       -
        0       Parent=Smp_341080.1
SM_V9_4 iris    gene    10997575        11003357        .       -
        .
ID=Smp_067810;geneID=Smp_067810;gene_name=Smp_067810;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    10997575        11003357        .       -
        .
ID=Smp_067810.1;Parent=Smp_067810;geneID=Smp_067810;gene_name=Smp_06
7810;owner=irisadmin@local.host;orig_id=Smp_067810.1;date_last_modif
ied=2022-07-25;Name=Smp_067810.1;product=Casein kinase I isoform
alpha;date_creation=2022-07-25
SM_V9_4 iris    exon    10997575        10998746        .       -
        .       Parent=Smp_067810.1;Name=b6cf803d-35dc-41f3-9746-
ef02495bbc3b
SM_V9_4 iris    exon    11002473        11002620        .       -
        .       Parent=Smp_067810.1;Name=1de96142-
ba32-4826-93d9-7da3d23c5ca2
SM_V9_4 iris    exon    11002654        11002950        .       -
        .       Parent=Smp_067810.1;Name=3813f3bb-f3af-4a2b-
b8d3-6a972c97c244
SM_V9_4 iris    exon    11002984        11003090        .       -
        .       Parent=Smp_067810.1;Name=7375900c-3dec-421d-
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b203-0ce176088dd5
SM_V9_4 iris    exon    11003210        11003357        .       -
        .       Parent=Smp_067810.1;Name=00757013-e152-4792-
b22d-55c681d2b956
SM_V9_4 iris    CDS     10998342        10998746        .       -
        0       Parent=Smp_067810.1
SM_V9_4 iris    CDS     11002473        11002620        .       -
        1       Parent=Smp_067810.1
SM_V9_4 iris    CDS     11002654        11002950        .       -
        1       Parent=Smp_067810.1
SM_V9_4 iris    CDS     11002984        11003090        .       -
        0       Parent=Smp_067810.1
SM_V9_4 iris    CDS     11003210        11003335        .       -
        0       Parent=Smp_067810.1
SM_V9_4 Liftoff gene    11009331        11009942        .       +
        .       ID=Smp_158910;geneID=Smp_158910
SM_V9_4 Liftoff mRNA    11009331        11009942        .       +
        .
ID=Smp_158910.1;Parent=Smp_158910;geneID=Smp_158910;product=Cyclin-
dependent kinases regulatory subunit
2;polypeptide_domain=InterPro:IPR000789
Pfam:PF01111;Ontology_term=GO:0007049,GO:0016538
SM_V9_4 Liftoff exon    11009331        11009482        .       +
        .       Parent=Smp_158910.1
SM_V9_4 Liftoff exon    11009526        11009942        .       +
        .       Parent=Smp_158910.1
SM_V9_4 Liftoff CDS     11009427        11009482        .       +
        0       Parent=Smp_158910.1
SM_V9_4 Liftoff CDS     11009526        11009757        .       +
        1       Parent=Smp_158910.1
SM_V9_4 Liftoff gene    11011471        11014068        .       +
        .       ID=Smp_329150;geneID=Smp_329150
SM_V9_4 Liftoff mRNA    11011471        11014068        .       +
        .
ID=Smp_329150.1;Parent=Smp_329150;geneID=Smp_329150;product=Putative
poly(A) polymerase catalytic subunit
SM_V9_4 Liftoff exon    11011471        11011685        .       +
        .       Parent=Smp_329150.1
SM_V9_4 Liftoff exon    11011728        11014068        .       +
        .       Parent=Smp_329150.1
SM_V9_4 Liftoff CDS     11011594        11011685        .       +
        0       Parent=Smp_329150.1
SM_V9_4 Liftoff CDS     11011728        11011842        .       +
        1       Parent=Smp_329150.1
SM_V9_4 Liftoff gene    11030241        11051699        .       +
        .
ID=Smp_334060;geneID=Smp_334060;previous_systematic_id=Smp_213460,Sm
p_213470
SM_V9_4 Liftoff mRNA    11030241        11051699        .       +
        .
ID=Smp_334060.1;Parent=Smp_334060;geneID=Smp_334060;product=Lamin-
B2;polypeptide_domain=InterPro:IPR001322,IPR001664
Pfam:PF00038;Ontology_term=GO:0005198,GO:0005882
SM_V9_4 Liftoff exon    11030241        11030306        .       +
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        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11030872        11031113        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11032765        11033007        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11034088        11034237        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11035170        11035337        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11039476        11039828        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11042533        11042944        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11043097        11043216        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11045194        11045343        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11047139        11047450        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11049480        11049512        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff exon    11050315        11051699        .       +
        .       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11030288        11030306        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11030872        11031113        .       +
        2       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11032765        11033007        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11034088        11034237        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11035170        11035337        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11039476        11039828        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11042533        11042944        .       +
        1       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11043097        11043216        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11045194        11045343        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11047139        11047450        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11049480        11049512        .       +
        0       Parent=Smp_334060.1
SM_V9_4 Liftoff CDS     11050315        11050332        .       +
        0       Parent=Smp_334060.1
SM_V9_4 iris    gene    11053621        11061301        .       +
        .
ID=Smp_213450;geneID=Smp_213450;gene_name=Smp_213450;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    11053621        11061301        .       +
        .
ID=Smp_213450.1;Parent=Smp_213450;geneID=Smp_213450;gene_name=Smp_21
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3450;owner=irisadmin@local.host;orig_id=Smp_213450.1;date_last_modif
ied=2022-07-25;Name=Smp_213450.1;product=Uracil-DNA
glycosylase;date_creation=2022-07-25
SM_V9_4 iris    exon    11053621        11053816        .       +
        .
Parent=Smp_213450.1;Name=82d4868f-0f98-43d3-9392-043e17f67de4
SM_V9_4 iris    exon    11055304        11055611        .       +
        .       Parent=Smp_213450.1;Name=87756fa7-1d47-430b-9c85-
c36f1c22778d
SM_V9_4 iris    exon    11058358        11058714        .       +
        .
Parent=Smp_213450.1;Name=74e9b1e6-6b4d-47a3-9980-000914f0330a
SM_V9_4 iris    exon    11060945        11061301        .       +
        .       Parent=Smp_213450.1;Name=0bfea5be-7539-4775-9058-
ad84a81cfad0
SM_V9_4 iris    CDS     11053621        11053816        .       +
        0       Parent=Smp_213450.1
SM_V9_4 iris    CDS     11055304        11055611        .       +
        2       Parent=Smp_213450.1
SM_V9_4 iris    CDS     11058358        11058714        .       +
        0       Parent=Smp_213450.1
SM_V9_4 iris    CDS     11060945        11061148        .       +
        0       Parent=Smp_213450.1
SM_V9_4 Liftoff gene    11078381        11078957        .       +
        .       ID=Smp_329170;geneID=Smp_329170
SM_V9_4 Liftoff mRNA    11078381        11078957        .       +
        .
ID=Smp_329170.1;Parent=Smp_329170;geneID=Smp_329170;product=Phosphoe
nolpyruvate carboxylase
SM_V9_4 Liftoff exon    11078381        11078957        .       +
        .       Parent=Smp_329170.1
SM_V9_4 Liftoff CDS     11078613        11078795        .       +
        0       Parent=Smp_329170.1
SM_V9_4 Liftoff gene    11082742        11098927        .       -
        .
ID=Smp_345010;geneID=Smp_345010;previous_systematic_id=Smp_158930
SM_V9_4 Liftoff mRNA    11082742        11098927        .       -
        .
ID=Smp_345010.1;Parent=Smp_345010;geneID=Smp_345010;product=Putative
protein
FAM47C;polypeptide_domain=InterPro:IPR000253,IPR008984,IPR017956,IPR
029334 Pfam:PF00498,PF15276;Ontology_term=GO:0003677,GO:0005515
SM_V9_4 Liftoff exon    11082742        11090873        .       -
        .       Parent=Smp_345010.1
SM_V9_4 Liftoff exon    11098477        11098693        .       -
        .       Parent=Smp_345010.1
SM_V9_4 Liftoff exon    11098730        11098927        .       -
        .       Parent=Smp_345010.1
SM_V9_4 Liftoff CDS     11084694        11090873        .       -
        0       Parent=Smp_345010.1
SM_V9_4 Liftoff CDS     11098477        11098693        .       -
        1       Parent=Smp_345010.1
SM_V9_4 Liftoff CDS     11098730        11098821        .       -
        0       Parent=Smp_345010.1
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SM_V9_4 Liftoff gene    11105417        11105659        .       +
        .       ID=Smp_158940;geneID=Smp_158940
SM_V9_4 Liftoff mRNA    11105417        11105659        .       +
        .
ID=Smp_158940.1;Parent=Smp_158940;geneID=Smp_158940;product=Trigger
factor
SM_V9_4 Liftoff exon    11105417        11105659        .       +
        .       Parent=Smp_158940.1
SM_V9_4 Liftoff CDS     11105417        11105659        .       +
        0       Parent=Smp_158940.1
SM_V9_4 Liftoff gene    11112381        11124390        .       +
        .       ID=Smp_202630;geneID=Smp_202630
SM_V9_4 Liftoff mRNA    11112381        11124390        .       +
        .
ID=Smp_202630.1;Parent=Smp_202630;geneID=Smp_202630;product=Protein
quiver;polypeptide_domain=InterPro:IPR031424
Pfam:PF17064;Ontology_term=GO:0030431,GO:0032222,GO:0034235,GO:19038
18
SM_V9_4 Liftoff exon    11112381        11112449        .       +
        .       Parent=Smp_202630.1
SM_V9_4 Liftoff exon    11112486        11112545        .       +
        .       Parent=Smp_202630.1
SM_V9_4 Liftoff exon    11119861        11120004        .       +
        .       Parent=Smp_202630.1
SM_V9_4 Liftoff exon    11122928        11124390        .       +
        .       Parent=Smp_202630.1
SM_V9_4 Liftoff CDS     11112422        11112449        .       +
        0       Parent=Smp_202630.1
SM_V9_4 Liftoff CDS     11112486        11112545        .       +
        2       Parent=Smp_202630.1
SM_V9_4 Liftoff CDS     11119861        11120004        .       +
        2       Parent=Smp_202630.1
SM_V9_4 Liftoff CDS     11122928        11123178        .       +
        2       Parent=Smp_202630.1
SM_V9_4 iris    gene    11162581        11241515        .       +
        .
ID=Smp_336720;geneID=Smp_336720;gene_name=Smp_336720;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    11162581        11241515        .       +
        .
ID=Smp_336720.1;Parent=Smp_336720;geneID=Smp_336720;gene_name=Smp_33
6720;owner=irisadmin@local.host;orig_id=Smp_336720.1;date_last_modif
ied=2022-07-25;Name=Smp_336720.1;product=Hypothetical
protein;date_creation=2022-07-25
SM_V9_4 iris    exon    11162581        11162891        .       +
        .       Parent=Smp_336720.1;Name=d431d994-
c58f-4f96-85ae-1c7e8a1d95c1
SM_V9_4 iris    exon    11186451        11187060        .       +
        .       Parent=Smp_336720.1;Name=88fd254d-2ce6-4c29-
a763-5b2904d25daf
SM_V9_4 iris    exon    11196876        11196949        .       +
        .       Parent=Smp_336720.1;Name=700a99d2-8967-40a2-ba66-
ba4ba25f72bc
SM_V9_4 iris    exon    11199715        11199795        .       +
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        .       Parent=Smp_336720.1;Name=8ae4abd6-c04b-4232-
bc50-118928fd490a
SM_V9_4 iris    exon    11201580        11201671        .       +
        .       Parent=Smp_336720.1;Name=f6ede14e-dc3d-4457-
aabb-115fcd71b2f5
SM_V9_4 iris    exon    11203384        11203495        .       +
        .
Parent=Smp_336720.1;Name=c165c3e2-4a05-4a41-86bb-0485b520a705
SM_V9_4 iris    exon    11213828        11213928        .       +
        .       Parent=Smp_336720.1;Name=cb8f42d5-365e-48e8-b1c6-
b2f7ebef913e
SM_V9_4 iris    exon    11215335        11215560        .       +
        .       Parent=Smp_336720.1;Name=79a05127-d3b8-4814-9bdd-
e04679e94e18
SM_V9_4 iris    exon    11219113        11219220        .       +
        .       Parent=Smp_336720.1;Name=07f4caf6-e550-4b31-
ae46-2ac30b725a05
SM_V9_4 iris    exon    11223178        11223442        .       +
        .       Parent=Smp_336720.1;Name=900b2e6d-7610-412d-
a9ef-2ac8090dcf40
SM_V9_4 iris    exon    11226706        11226797        .       +
        .       Parent=Smp_336720.1;Name=f65ac661-ef25-45ab-a996-
a9d459adab61
SM_V9_4 iris    exon    11229054        11229173        .       +
        .       Parent=Smp_336720.1;Name=796d1a37-45b0-4246-
b654-16f7cb8d1d47
SM_V9_4 iris    exon    11233088        11233450        .       +
        .
Parent=Smp_336720.1;Name=6bc62fbb-2bb7-475a-8087-5dcbb29ff305
SM_V9_4 iris    exon    11234363        11234469        .       +
        .       Parent=Smp_336720.1;Name=19770dfd-0b42-44b3-
b51c-91e7c03e59b2
SM_V9_4 iris    exon    11236052        11236235        .       +
        .       Parent=Smp_336720.1;Name=9dcddc94-d9e6-467b-be93-
db2e29a3f4a6
SM_V9_4 iris    exon    11240760        11241515        .       +
        .       Parent=Smp_336720.1;Name=768bd9ca-5c8f-4887-
a2c9-7ce9c0d31010
SM_V9_4 iris    CDS     11162867        11162891        .       +
        0       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11186451        11187060        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11196876        11196949        .       +
        1       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11199715        11199795        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11201580        11201671        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11203384        11203495        .       +
        0       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11213828        11213928        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11215335        11215560        .       +
        0       Parent=Smp_336720.1
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SM_V9_4 iris    CDS     11219113        11219220        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11223178        11223442        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11226706        11226797        .       +
        1       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11229054        11229173        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11233088        11233450        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11234363        11234469        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11236052        11236235        .       +
        0       Parent=Smp_336720.1
SM_V9_4 iris    CDS     11240760        11241088        .       +
        2       Parent=Smp_336720.1
SM_V9_4 iris    gene    11244840        11321091        .       -
        .
ID=Smp_317420;geneID=Smp_317420;gene_name=Smp_317420;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    11244840        11321091        .       -
        .
ID=Smp_317420.1;Parent=Smp_317420;geneID=Smp_317420;gene_name=Smp_31
7420;owner=irisadmin@local.host;orig_id=Smp_317420.1;date_last_modif
ied=2022-07-25;Name=Smp_317420.1;product=Filamin-
A;date_creation=2022-07-25
SM_V9_4 iris    exon    11244840        11245726        .       -
        .       Parent=Smp_317420.1;Name=1878609d-6aa9-435d-9bd0-
d48deb0b7a3b
SM_V9_4 iris    exon    11247898        11248132        .       -
        .       Parent=Smp_317420.1;Name=105f1e1f-0ed7-43a3-
b7a5-37d78e29b6ff
SM_V9_4 iris    exon    11248859        11249064        .       -
        .
Parent=Smp_317420.1;Name=a35f0935-5826-444b-90c5-50f1cab412ca
SM_V9_4 iris    exon    11250248        11250590        .       -
        .       Parent=Smp_317420.1;Name=474b81be-5482-478a-a2c7-
a876d2b3f512
SM_V9_4 iris    exon    11250931        11251152        .       -
        .
Parent=Smp_317420.1;Name=11cf3c4d-6859-461d-8a39-0f64b94c7996
SM_V9_4 iris    exon    11253968        11254158        .       -
        .       Parent=Smp_317420.1;Name=1e87b00b-
d847-4034-83be-68e7e42510df
SM_V9_4 iris    exon    11255617        11255781        .       -
        .       Parent=Smp_317420.1;Name=2249cf35-f5e8-45c0-
a803-24424e43ffe3
SM_V9_4 iris    exon    11260178        11260459        .       -
        .       Parent=Smp_317420.1;Name=b0848427-
b5af-4231-8d52-7ed3dc8a4dc3
SM_V9_4 iris    exon    11262931        11263134        .       -
        .       Parent=Smp_317420.1;Name=1c3a1d41-
ddd4-4801-9a21-7a7ad51c4fbf
SM_V9_4 iris    exon    11264478        11264636        .       -
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        .       Parent=Smp_317420.1;Name=d5a97c98-1ac0-4d2f-aaaa-
e94f93d20441
SM_V9_4 iris    exon    11268359        11268532        .       -
        .       Parent=Smp_317420.1;Name=e4a43c5c-8966-4f77-976e-
cd131846430a
SM_V9_4 iris    exon    11269576        11269881        .       -
        .
Parent=Smp_317420.1;Name=521e3915-740f-4c14-9734-2fd172833493
SM_V9_4 iris    exon    11272343        11272412        .       -
        .       Parent=Smp_317420.1;Name=e2fa9df7-dd01-4a44-
ad09-3d9d4710304c
SM_V9_4 iris    exon    11274133        11274165        .       -
        .       Parent=Smp_317420.1;Name=ea5e731e-ee3e-45d4-b2ce-
f2cb87f2af6e
SM_V9_4 iris    exon    11275187        11275452        .       -
        .       Parent=Smp_317420.1;Name=11810b7d-7cf5-4a2a-a0ba-
b03b282f0aa3
SM_V9_4 iris    exon    11275556        11275820        .       -
        .       Parent=Smp_317420.1;Name=6f1c0cf1-
b5dd-4737-927b-67eeb1c02a4e
SM_V9_4 iris    exon    11276548        11276877        .       -
        .
Parent=Smp_317420.1;Name=a84942ab-6d64-4e2f-858a-4525bf7c14d8
SM_V9_4 iris    exon    11277346        11277494        .       -
        .       Parent=Smp_317420.1;Name=272958f3-9f52-4d05-
aca3-355e41e06cd8
SM_V9_4 iris    exon    11278798        11279130        .       -
        .       Parent=Smp_317420.1;Name=531ee573-
fdd4-4534-803c-17aaf8254f16
SM_V9_4 iris    exon    11280817        11280990        .       -
        .       Parent=Smp_317420.1;Name=e0fcf4ab-02bd-4f35-
a5b8-8cf1cc61143b
SM_V9_4 iris    exon    11286921        11287293        .       -
        .       Parent=Smp_317420.1;Name=db8b6271-
d030-4939-92c5-5a4f07e5f5ea
SM_V9_4 iris    exon    11287377        11287664        .       -
        .       Parent=Smp_317420.1;Name=745a84c0-1e4d-4b0a-bb7d-
fe2a9ead4752
SM_V9_4 iris    exon    11288576        11288769        .       -
        .
Parent=Smp_317420.1;Name=4c24fdab-835f-4fd9-8601-620d35a5246a
SM_V9_4 iris    exon    11291011        11291131        .       -
        .       Parent=Smp_317420.1;Name=e6759670-
f759-4bdd-8fe1-78bd8d77e1e9
SM_V9_4 iris    exon    11296228        11296364        .       -
        .       Parent=Smp_317420.1;Name=20f6bbb8-b80a-4b92-
b84c-5219f9b6d2c5
SM_V9_4 iris    exon    11298045        11298185        .       -
        .       Parent=Smp_317420.1;Name=f2504b11-
dc30-413e-9271-775ac1bc9796
SM_V9_4 iris    exon    11299445        11299648        .       -
        .       Parent=Smp_317420.1;Name=5d3f0a6a-fa44-4baf-
a411-955338d4a2ff
SM_V9_4 iris    exon    11300696        11300939        .       -
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        .       Parent=Smp_317420.1;Name=3066a6ab-
bd32-48d3-9fc2-1d926c59b385
SM_V9_4 iris    exon    11301472        11301590        .       -
        .       Parent=Smp_317420.1;Name=6919b2ac-66e2-4df5-9407-
d241afb02437
SM_V9_4 iris    exon    11302712        11303105        .       -
        .       Parent=Smp_317420.1;Name=5f13e237-02e3-4598-8863-
a6c598e7b732
SM_V9_4 iris    exon    11303740        11303855        .       -
        .       Parent=Smp_317420.1;Name=c0e3acbf-57f3-4f82-ac25-
be3b57006c59
SM_V9_4 iris    exon    11303893        11304287        .       -
        .       Parent=Smp_317420.1;Name=35860351-5b8b-4cd0-
af5a-46357268ba6b
SM_V9_4 iris    exon    11320849        11321091        .       -
        .       Parent=Smp_317420.1;Name=e946a3fd-3b8a-4890-
b41e-2d7772ce1acb
SM_V9_4 iris    CDS     11245539        11245726        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11247898        11248132        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11248859        11249064        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11250248        11250590        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11250931        11251152        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11253968        11254158        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11255617        11255781        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11260178        11260459        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11262931        11263134        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11264478        11264636        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11268359        11268532        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11269576        11269881        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11272343        11272412        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11274133        11274165        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11275187        11275452        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11275556        11275820        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11276548        11276877        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11277346        11277494        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11278798        11279130        .       -
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        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11280817        11280990        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11286921        11287293        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11287377        11287664        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11288576        11288769        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11291011        11291131        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11296228        11296364        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11298045        11298185        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11299445        11299648        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11300696        11300939        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11301472        11301590        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11302712        11303105        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11303740        11303855        .       -
        2       Parent=Smp_317420.1
SM_V9_4 iris    CDS     11303893        11304244        .       -
        0       Parent=Smp_317420.1
SM_V9_4 iris    gene    11346735        11367220        .       -
        .
ID=Smp_312720;geneID=Smp_312720;gene_name=Smp_312720;owner=irisadmin
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SM_V9_4 iris    mRNA    11346735        11367220        .       -
        .
ID=Smp_312720.1;Parent=Smp_312720;geneID=Smp_312720;gene_name=Smp_31
2720;owner=irisadmin@local.host;orig_id=Smp_312720.1;date_last_modif
ied=2022-07-25;Name=Smp_312720.1;product=Sugar transporter
ERD6;date_creation=2022-07-25
SM_V9_4 iris    exon    11346735        11347610        .       -
        .       Parent=Smp_312720.1;Name=ec3a4301-e2fc-4385-
b80b-87d5501d9b19
SM_V9_4 iris    exon    11357307        11357684        .       -
        .
Parent=Smp_312720.1;Name=4909bcb9-834f-4245-8400-0ea4f070f87d
SM_V9_4 iris    exon    11362442        11363004        .       -
        .       Parent=Smp_312720.1;Name=51aa5d16-83e0-4ebb-9618-
de0c037ee4aa
SM_V9_4 iris    exon    11364172        11364277        .       -
        .       Parent=Smp_312720.1;Name=a2e03c03-f104-45a6-acec-
f8184210d7d7
SM_V9_4 iris    exon    11367169        11367220        .       -
        .       Parent=Smp_312720.1;Name=18da5dfc-6256-4021-9dc2-
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SM_V9_4 iris    CDS     11347299        11347610        .       -
        0       Parent=Smp_312720.1
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SM_V9_4 iris    CDS     11357307        11357684        .       -
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SM_V9_4 iris    CDS     11362442        11363004        .       -
        2       Parent=Smp_312720.1
SM_V9_4 iris    CDS     11364172        11364232        .       -
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SM_V9_4 Liftoff gene    11369734        11406384        .       -
        .
ID=Smp_312730;geneID=Smp_312730;previous_systematic_id=Smp_156040
SM_V9_4 Liftoff mRNA    11369734        11406384        .       -
        .
ID=Smp_312730.1;Parent=Smp_312730;geneID=Smp_312730;product=Centroso
mal protein of 135 kDa
SM_V9_4 Liftoff exon    11369734        11370181        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11374584        11374912        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11375942        11376031        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11377425        11377655        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11380849        11381032        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11383022        11383200        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11384304        11384452        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11384909        11385047        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11386661        11386777        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11388204        11388545        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11389788        11389853        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11391125        11391214        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11392191        11392522        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11398376        11398457        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11399478        11399819        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11402629        11402783        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11403628        11403795        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff exon    11403828        11406384        .       -
        .       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11369893        11370181        .       -
        1       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11374584        11374912        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11375942        11376031        .       -
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        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11377425        11377655        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11380849        11381032        .       -
        1       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11383022        11383200        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11384304        11384452        .       -
        2       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11384909        11385047        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11386661        11386777        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11388204        11388545        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11389788        11389853        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11391125        11391214        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11392191        11392522        .       -
        2       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11398376        11398457        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11399478        11399819        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11402629        11402783        .       -
        2       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11403628        11403795        .       -
        2       Parent=Smp_312730.1
SM_V9_4 Liftoff CDS     11403828        11404140        .       -
        0       Parent=Smp_312730.1
SM_V9_4 Liftoff gene    11418790        11420350        .       +
        .       ID=Smp_156050;geneID=Smp_156050
SM_V9_4 Liftoff mRNA    11418790        11420350        .       +
        .
ID=Smp_156050.1;Parent=Smp_156050;geneID=Smp_156050;product=Lipopoly
saccharide core galacturonosyltransferase RgtA
SM_V9_4 Liftoff exon    11418790        11419116        .       +
        .       Parent=Smp_156050.1
SM_V9_4 Liftoff exon    11419923        11420350        .       +
        .       Parent=Smp_156050.1
SM_V9_4 Liftoff CDS     11418832        11419116        .       +
        0       Parent=Smp_156050.1
SM_V9_4 Liftoff CDS     11419923        11419946        .       +
        0       Parent=Smp_156050.1
SM_V9_4 iris    gene    11423281        11434353        .       -
        .
ID=Smp_350350;geneID=Smp_350350;gene_name=Smp_350350;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_4 iris    mRNA    11423281        11434353        .       -
        .
ID=Smp_350350.1;Parent=Smp_350350;geneID=Smp_350350;gene_name=Smp_35
0350;owner=irisadmin@local.host;date_last_modified=2022-09-05;Name=S
mp_350350.1;date_creation=2022-09-05
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SM_V9_4 iris    exon    11423281        11423412        .       -
        .       Parent=Smp_350350.1;Name=Smp_350350.1-CDS
SM_V9_4 iris    exon    11424791        11424890        .       -
        .
Parent=Smp_350350.1;Name=af176125-5ccd-4e72-9385-90f1337e7d08
SM_V9_4 iris    exon    11427948        11428038        .       -
        .       Parent=Smp_350350.1;Name=9e519ee1-b8f1-4c06-b793-
dbf8a0715283
SM_V9_4 iris    exon    11434342        11434353        .       -
        .       Parent=Smp_350350.1;Name=38e30282-df12-4d6c-9861-
d0f8aa1b0c7d
SM_V9_4 iris    CDS     11423370        11423412        .       -
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SM_V9_4 iris    CDS     11424791        11424890        .       -
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SM_V9_4 iris    CDS     11427948        11428038        .       -
        0       Parent=Smp_350350.1
SM_V9_4 iris    CDS     11434342        11434344        .       -
        0       Parent=Smp_350350.1
SM_V9_4 iris    gene    11431527        11455214        .       -
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ID=Smp_156060;geneID=Smp_156060;gene_name=Smp_156060;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_4 iris    mRNA    11431527        11455214        .       -
        .
ID=Smp_156060.1;Parent=Smp_156060;geneID=Smp_156060;gene_name=Smp_15
6060;owner=irisadmin@local.host;orig_id=Smp_156060.1;date_last_modif
ied=2022-09-05;Name=Smp_156060.1;product=Pre-mRNA-splicing factor
ATP-dependent RNA helicase PRP16;date_creation=2022-09-05
SM_V9_4 iris    exon    11431527        11431714        .       -
        .       Parent=Smp_156060.1;Name=4a12ec16-5430-406c-b7a3-
a0ea29393544
SM_V9_4 iris    exon    11432710        11432856        .       -
        .       Parent=Smp_156060.1;Name=39f00257-17b9-4dcf-
af17-1afe7c33cd96
SM_V9_4 iris    exon    11434415        11434608        .       -
        .       Parent=Smp_156060.1;Name=a221c0a4-f538-4afd-a632-
b3d7066a8d21
SM_V9_4 iris    exon    11436257        11436760        .       -
        .       Parent=Smp_156060.1;Name=fd6602c0-9a46-4205-
bc99-7448ac4a6f73
SM_V9_4 iris    exon    11437426        11437588        .       -
        .       Parent=Smp_156060.1;Name=6befa3e9-73b5-484e-8387-
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SM_V9_4 iris    exon    11439674        11439821        .       -
        .       Parent=Smp_156060.1;Name=761db5a4-6c1e-459d-
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SM_V9_4 iris    exon    11441825        11441980        .       -
        .       Parent=Smp_156060.1;Name=9a02bc08-2934-4823-
b378-470acb0665a5
SM_V9_4 iris    exon    11443427        11443489        .       -
        .       Parent=Smp_156060.1;Name=2c6e0ae0-7e20-4a1f-
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SM_V9_4 iris    exon    11444574        11444787        .       -
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        .       Parent=Smp_156060.1;Name=b7c3a8b7-90de-4ede-
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SM_V9_4 iris    exon    11446386        11446748        .       -
        .       Parent=Smp_156060.1;Name=32d21d8c-8ca4-45ca-90c4-
df8a71e3a167
SM_V9_4 iris    exon    11447449        11447784        .       -
        .       Parent=Smp_156060.1;Name=301e0545-
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SM_V9_4 iris    exon    11449198        11449490        .       -
        .       Parent=Smp_156060.1;Name=f183118d-709f-4d30-8c09-
eacf159b5513
SM_V9_4 iris    exon    11450753        11451313        .       -
        .       Parent=Smp_156060.1;Name=24d4edaf-4479-478e-
b1f3-435526b54359
SM_V9_4 iris    exon    11452122        11452297        .       -
        .       Parent=Smp_156060.1;Name=a9154c6c-2e3e-4611-
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SM_V9_4 iris    exon    11452336        11452645        .       -
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Parent=Smp_156060.1;Name=24d0882b-72ff-4c3e-8ce4-1e96ecb0a1fa
SM_V9_4 iris    exon    11455186        11455214        .       -
        .       Parent=Smp_156060.1;Name=c0fe27d6-19e1-4777-9af3-
a8d474147a37
SM_V9_4 iris    CDS     11431633        11431714        .       -
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SM_V9_4 iris    CDS     11432710        11432856        .       -
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SM_V9_4 iris    CDS     11434415        11434608        .       -
        0       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11436257        11436760        .       -
        0       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11437426        11437588        .       -
        1       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11439674        11439821        .       -
        2       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11441825        11441980        .       -
        2       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11443427        11443489        .       -
        2       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11444574        11444787        .       -
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SM_V9_4 iris    CDS     11447449        11447784        .       -
        0       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11449198        11449490        .       -
        2       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11450753        11451313        .       -
        2       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11452122        11452297        .       -
        1       Parent=Smp_156060.1
SM_V9_4 iris    CDS     11452336        11452535        .       -
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SM_V9_4 Liftoff gene    11463028        11463718        .       +
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        .
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subunit;polypeptide_domain=InterPro:IPR000245,IPR002379,IPR011555
Pfam:PF00137;Ontology_term=GO:0015078,GO:0015991,GO:0033177,GO:00331
79
SM_V9_4 Liftoff exon    11463028        11463136        .       +
        .       Parent=Smp_062890.1
SM_V9_4 Liftoff exon    11463174        11463357        .       +
        .       Parent=Smp_062890.1
SM_V9_4 Liftoff exon    11463391        11463718        .       +
        .       Parent=Smp_062890.1
SM_V9_4 Liftoff CDS     11463067        11463136        .       +
        0       Parent=Smp_062890.1
SM_V9_4 Liftoff CDS     11463174        11463357        .       +
        2       Parent=Smp_062890.1
SM_V9_4 Liftoff CDS     11463391        11463595        .       +
        1       Parent=Smp_062890.1
SM_V9_4 Liftoff mRNA    11463028        11463718        .       +
        .
ID=Smp_062890.2;Parent=Smp_062890;geneID=Smp_062890;product=V-type
proton ATPase 16 kDa proteolipid
subunit;polypeptide_domain=InterPro:IPR000245,IPR002379,IPR011555
Pfam:PF00137;Ontology_term=GO:0015078,GO:0015991,GO:0033177,GO:00331
79
SM_V9_4 Liftoff exon    11463028        11463357        .       +
        .       Parent=Smp_062890.2
SM_V9_4 Liftoff exon    11463391        11463718        .       +
        .       Parent=Smp_062890.2
SM_V9_4 Liftoff CDS     11463251        11463357        .       +
        0       Parent=Smp_062890.2
SM_V9_4 Liftoff CDS     11463391        11463595        .       +
        1       Parent=Smp_062890.2
SM_V9_4 Liftoff gene    11470896        11507994        .       -
        .       ID=Smp_062900;geneID=Smp_062900
SM_V9_4 Liftoff mRNA    11470896        11480434        .       -
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doxin;polypeptide_domain=InterPro:IPR000866,IPR012336,IPR013766,IPR0
19479,IPR024706
Pfam:PF00578,PF10417;Ontology_term=GO:0016209,GO:0016491,GO:0045454,
GO:0051920,GO:0055114
SM_V9_4 Liftoff exon    11470896        11471321        .       -
        .       Parent=Smp_062900.2
SM_V9_4 Liftoff exon    11476646        11476885        .       -
        .       Parent=Smp_062900.2
SM_V9_4 Liftoff exon    11479983        11480434        .       -
        .       Parent=Smp_062900.2
SM_V9_4 Liftoff CDS     11471105        11471321        .       -
        1       Parent=Smp_062900.2
SM_V9_4 Liftoff CDS     11476646        11476885        .       -
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SM_V9_4 Liftoff mRNA    11470896        11507994        .       -
        .
ID=Smp_062900.1;Parent=Smp_062900;geneID=Smp_062900;product=Centrome
re protein F
SM_V9_4 Liftoff exon    11470896        11476885        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11488250        11488397        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11489197        11489296        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11490481        11490574        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11492837        11493129        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11496146        11496241        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11498958        11499235        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11501517        11501646        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11501686        11501817        .       -
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SM_V9_4 Liftoff exon    11502621        11502983        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff exon    11507711        11507994        .       -
        .       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11476865        11476885        .       -
        0       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11488250        11488397        .       -
        1       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11489197        11489296        .       -
        2       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11490481        11490574        .       -
        0       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11492837        11493129        .       -
        2       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11496146        11496241        .       -
        2       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11498958        11499235        .       -
        1       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11501517        11501646        .       -
        2       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11501686        11501817        .       -
        2       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11502621        11502983        .       -
        2       Parent=Smp_062900.1
SM_V9_4 Liftoff CDS     11507711        11507768        .       -
        0       Parent=Smp_062900.1
SM_V9_4 Liftoff mRNA    11484402        11507994        .       -
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re protein F
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SM_V9_4 Liftoff exon    11489197        11489296        .       -
        .       Parent=Smp_062900.3
SM_V9_4 Liftoff exon    11490481        11490574        .       -
        .       Parent=Smp_062900.3
SM_V9_4 Liftoff exon    11492837        11493129        .       -
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SM_V9_4 Liftoff exon    11496146        11496241        .       -
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SM_V9_4 Liftoff exon    11498958        11499235        .       -
        .       Parent=Smp_062900.3
SM_V9_4 Liftoff exon    11501517        11501646        .       -
        .       Parent=Smp_062900.3
SM_V9_4 Liftoff exon    11501686        11501817        .       -
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SM_V9_4 Liftoff exon    11502621        11502983        .       -
        .       Parent=Smp_062900.3
SM_V9_4 Liftoff exon    11507711        11507994        .       -
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SM_V9_4 Liftoff CDS     11484457        11484630        .       -
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SM_V9_4 Liftoff CDS     11488250        11488397        .       -
        1       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11489197        11489296        .       -
        2       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11490481        11490574        .       -
        0       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11492837        11493129        .       -
        2       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11496146        11496241        .       -
        2       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11498958        11499235        .       -
        1       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11501517        11501646        .       -
        2       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11501686        11501817        .       -
        2       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11502621        11502983        .       -
        2       Parent=Smp_062900.3
SM_V9_4 Liftoff CDS     11507711        11507768        .       -
        0       Parent=Smp_062900.3
SM_V9_4 Liftoff gene    11516937        11546974        .       -
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p_196960
SM_V9_4 Liftoff mRNA    11516937        11546974        .       -
        .
ID=Smp_346930.1;Parent=Smp_346930;geneID=Smp_346930;product=tRNA:m(4
)X modification enzyme TRM13
homolog;polypeptide_domain=InterPro:IPR007871,IPR021721,IPR022776
Pfam:PF05206,PF05253,PF11722;Ontology_term=GO:0008033,GO:0008168
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SM_V9_4 Liftoff exon    11516937        11517224        .       -
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SM_V9_4 Liftoff exon    11519542        11519796        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11522978        11523020        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11524460        11524534        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11527134        11527203        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11529762        11530072        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11531166        11531339        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11543343        11543472        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11543509        11543575        .       -
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SM_V9_4 Liftoff exon    11543614        11543657        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff exon    11543699        11546974        .       -
        .       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11517050        11517224        .       -
        1       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11519542        11519796        .       -
        1       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11522978        11523020        .       -
        2       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11524460        11524534        .       -
        2       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11527134        11527203        .       -
        0       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11529762        11530072        .       -
        2       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11531166        11531339        .       -
        2       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11543343        11543472        .       -
        0       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11543509        11543575        .       -
        1       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11543614        11543657        .       -
        0       Parent=Smp_346930.1
SM_V9_4 Liftoff CDS     11543699        11543794        .       -
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homolog;polypeptide_domain=InterPro:IPR007871,IPR021721,IPR022776
Pfam:PF05206,PF05253,PF11722;Ontology_term=GO:0008033,GO:0008168
SM_V9_4 Liftoff exon    11516937        11517224        .       -
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SM_V9_4 Liftoff exon    11519542        11519796        .       -
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SM_V9_4 Liftoff exon    11522978        11523020        .       -
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SM_V9_4 Liftoff exon    11524460        11524534        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff exon    11527134        11527203        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff exon    11529762        11530063        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff exon    11531166        11531339        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff exon    11543343        11543472        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff exon    11543509        11543575        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff exon    11543614        11543657        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff exon    11543699        11546974        .       -
        .       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11517050        11517224        .       -
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SM_V9_4 Liftoff CDS     11519542        11519796        .       -
        1       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11522978        11523020        .       -
        2       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11524460        11524534        .       -
        2       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11527134        11527203        .       -
        0       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11529762        11530063        .       -
        2       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11531166        11531339        .       -
        2       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11543343        11543472        .       -
        0       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11543509        11543575        .       -
        1       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11543614        11543657        .       -
        0       Parent=Smp_346930.2
SM_V9_4 Liftoff CDS     11543699        11543794        .       -
        0       Parent=Smp_346930.2
SM_V9_4 Liftoff gene    11543827        11546964        .       -
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SM_V9_4 Liftoff mRNA    11543827        11546964        .       -
        .
ID=Smp_062830.1;Parent=Smp_062830;geneID=Smp_062830;product=Mitochon
drial intermembrane space import and assembly protein 40-B
SM_V9_4 Liftoff exon    11543827        11546964        .       -
        .       Parent=Smp_062830.1
SM_V9_4 Liftoff CDS     11543884        11544267        .       -
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SM_V9_4 Liftoff gene    11577021        11586439        .       -
        .
ID=Smp_213750;geneID=Smp_213750;previous_systematic_id=Smp_156020
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6;polypeptide_domain=InterPro:IPR003663,IPR005828,IPR005829,IPR02084
6
Pfam:PF00083;Ontology_term=GO:0005215,GO:0016020,GO:0016021,GO:00228
57,GO:0022891,GO:0055085
SM_V9_4 Liftoff exon    11577021        11578175        .       -
        .       Parent=Smp_213750.1
SM_V9_4 Liftoff exon    11581950        11582330        .       -
        .       Parent=Smp_213750.1
SM_V9_4 Liftoff exon    11583103        11583665        .       -
        .       Parent=Smp_213750.1
SM_V9_4 Liftoff exon    11585156        11586439        .       -
        .       Parent=Smp_213750.1
SM_V9_4 Liftoff CDS     11577813        11578175        .       -
        0       Parent=Smp_213750.1
SM_V9_4 Liftoff CDS     11581950        11582330        .       -
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SM_V9_4 Liftoff CDS     11583103        11583665        .       -
        2       Parent=Smp_213750.1
SM_V9_4 Liftoff CDS     11585156        11585231        .       -
        0       Parent=Smp_213750.1
SM_V9_4 Liftoff gene    11588705        11620419        .       -
        .
ID=Smp_213760;geneID=Smp_213760;previous_systematic_id=Smp_156020
SM_V9_4 Liftoff mRNA    11588705        11620419        .       -
        .
ID=Smp_213760.1;Parent=Smp_213760;geneID=Smp_213760;product=Transcri
ptional repressor NF-
X1;polypeptide_domain=InterPro:IPR000967,IPR001374,IPR001841,IPR0197
86,IPR019787
Pfam:PF01422,PF01424;Ontology_term=GO:0003676,GO:0003700,GO:0005634,
GO:0006355,GO:0008270
SM_V9_4 Liftoff exon    11588705        11589324        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11591196        11591549        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11594775        11595127        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11599924        11600227        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11602186        11602268        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11607831        11608059        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11609711        11610198        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11611856        11612079        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11613073        11613463        .       -
        .       Parent=Smp_213760.1
SM_V9_4 Liftoff exon    11616320        11620419        .       -
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        .       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11588929        11589324        .       -
        0       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11591196        11591549        .       -
        0       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11594775        11595127        .       -
        2       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11599924        11600227        .       -
        0       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11602186        11602268        .       -
        2       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11607831        11608059        .       -
        0       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11609711        11610198        .       -
        2       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11611856        11612079        .       -
        1       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11613073        11613463        .       -
        2       Parent=Smp_213760.1
SM_V9_4 Liftoff CDS     11616320        11616812        .       -
        0       Parent=Smp_213760.1
SM_V9_4 Liftoff gene    11617953        11620487        .       +
        .       ID=Smp_329200;geneID=Smp_329200
SM_V9_4 Liftoff mRNA    11617953        11620487        .       +
        .
ID=Smp_329200.1;Parent=Smp_329200;geneID=Smp_329200;product=Phosphor
ibosylformylglycinamidine synthase subunit PurL
SM_V9_4 Liftoff exon    11617953        11620487        .       +
        .       Parent=Smp_329200.1
SM_V9_4 Liftoff CDS     11618652        11618894        .       +
        0       Parent=Smp_329200.1
SM_V9_4 Liftoff gene    11640843        11641573        .       +
        .       ID=Smp_329210;geneID=Smp_329210
SM_V9_4 Liftoff mRNA    11640843        11641573        .       +
        .
ID=Smp_329210.1;Parent=Smp_329210;geneID=Smp_329210;product=Cell
division protein SepF;polypeptide_domain=InterPro:IPR018792
Pfam:PF10195
SM_V9_4 Liftoff exon    11640843        11641087        .       +
        .       Parent=Smp_329210.1
SM_V9_4 Liftoff exon    11641125        11641573        .       +
        .       Parent=Smp_329210.1
SM_V9_4 Liftoff CDS     11640892        11641087        .       +
        0       Parent=Smp_329210.1
SM_V9_4 Liftoff CDS     11641125        11641132        .       +
        2       Parent=Smp_329210.1
SM_V9_4 Liftoff gene    11643604        11653829        .       -
        .       ID=Smp_062790;geneID=Smp_062790
SM_V9_4 Liftoff mRNA    11643604        11653829        .       -
        .
ID=Smp_062790.1;Parent=Smp_062790;geneID=Smp_062790;product=GrpE
protein homolog 1,
mitochondrial;polypeptide_domain=InterPro:IPR000740,IPR009012,IPR013
805
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Pfam:PF01025;Ontology_term=GO:0000774,GO:0006457,GO:0042803,GO:00510
87
SM_V9_4 Liftoff exon    11643604        11643923        .       -
        .       Parent=Smp_062790.1
SM_V9_4 Liftoff exon    11649735        11650134        .       -
        .       Parent=Smp_062790.1
SM_V9_4 Liftoff exon    11650170        11653829        .       -
        .       Parent=Smp_062790.1
SM_V9_4 Liftoff CDS     11643726        11643923        .       -
        0       Parent=Smp_062790.1
SM_V9_4 Liftoff CDS     11649735        11650134        .       -
        1       Parent=Smp_062790.1
SM_V9_4 Liftoff CDS     11650170        11650240        .       -
        0       Parent=Smp_062790.1
SM_V9_4 Liftoff gene    11663531        11666169        .       -
        .       ID=Smp_329220;geneID=Smp_329220
SM_V9_4 Liftoff mRNA    11663531        11666169        .       -
        .
ID=Smp_329220.1;Parent=Smp_329220;geneID=Smp_329220;product=Protein
translocase subunit SecA
SM_V9_4 Liftoff exon    11663531        11666169        .       -
        .       Parent=Smp_329220.1
SM_V9_4 Liftoff CDS     11663649        11663975        .       -
        0       Parent=Smp_329220.1
SM_V9_4 iris    gene    11667471        11718899        .       -
        .
ID=Smp_156000;geneID=Smp_156000;gene_name=Smp_156000;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    11667471        11718899        .       -
        .
ID=Smp_156000.1;Parent=Smp_156000;geneID=Smp_156000;gene_name=Smp_15
6000;owner=irisadmin@local.host;orig_id=Smp_156000.1;date_last_modif
ied=2022-07-25;Name=Smp_156000.1;product=Oxysterol-binding protein-
related protein 11;date_creation=2022-07-25
SM_V9_4 iris    exon    11667471        11667818        .       -
        .       Parent=Smp_156000.1;Name=b9a9a25f-
e37e-4284-9edf-98a2634f2c46
SM_V9_4 iris    exon    11670332        11670496        .       -
        .       Parent=Smp_156000.1;Name=3648d643-ebde-429e-9985-
a53f68c99fbc
SM_V9_4 iris    exon    11671924        11672118        .       -
        .
Parent=Smp_156000.1;Name=817a4862-88a2-4ff5-8c88-4358f840b3bf
SM_V9_4 iris    exon    11675009        11675172        .       -
        .       Parent=Smp_156000.1;Name=8908f168-2ea2-4c63-
b0c4-79ae2430d254
SM_V9_4 iris    exon    11676817        11677135        .       -
        .       Parent=Smp_156000.1;Name=7204f1fd-
fa83-4a0d-8873-3246a920efda
SM_V9_4 iris    exon    11684145        11684226        .       -
        .       Parent=Smp_156000.1;Name=6c945caa-0eb5-4561-
af57-9424435002e0
SM_V9_4 iris    exon    11686645        11686730        .       -
        .       Parent=Smp_156000.1;Name=459962eb-c3ae-444e-
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a933-63a0e81dcacc
SM_V9_4 iris    exon    11689716        11689992        .       -
        .       Parent=Smp_156000.1;Name=91625d01-6d96-442c-
bf2e-4c42e9f7c676
SM_V9_4 iris    exon    11691578        11691702        .       -
        .       Parent=Smp_156000.1;Name=28be5371-90b2-4046-a066-
ba9cea8e7ba1
SM_V9_4 iris    exon    11692847        11692957        .       -
        .       Parent=Smp_156000.1;Name=8ac31d14-40df-4301-
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SM_V9_4 iris    exon    11695537        11695578        .       -
        .       Parent=Smp_156000.1;Name=56249b3a-b6a3-4cb9-ace2-
e8631de68bf8
SM_V9_4 iris    exon    11696840        11696954        .       -
        .       Parent=Smp_156000.1;Name=9b39e9f3-bbf4-4760-
a4ed-29e617f10742
SM_V9_4 iris    exon    11701229        11701301        .       -
        .       Parent=Smp_156000.1;Name=4679d849-b564-47fc-
b538-5589a0cda454
SM_V9_4 iris    exon    11702257        11702335        .       -
        .       Parent=Smp_156000.1;Name=cf0aaeda-00de-4882-
abd0-08d54c743fc1
SM_V9_4 iris    exon    11709783        11709871        .       -
        .
Parent=Smp_156000.1;Name=3ddf2802-702e-4cca-8001-0ccdfdb1989f
SM_V9_4 iris    exon    11712290        11712371        .       -
        .
Parent=Smp_156000.1;Name=b4f2f265-4713-4115-8895-0a4cb1c6a326
SM_V9_4 iris    exon    11713071        11713121        .       -
        .       Parent=Smp_156000.1;Name=f33bacbf-bcaa-41c0-b322-
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SM_V9_4 iris    exon    11713304        11713409        .       -
        .       Parent=Smp_156000.1;Name=b72a5c7b-cd53-498b-a59f-
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SM_V9_4 iris    exon    11715282        11715316        .       -
        .       Parent=Smp_156000.1;Name=b2e7e119-
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SM_V9_4 iris    exon    11717847        11717978        .       -
        .       Parent=Smp_156000.1;Name=12bd4c33-
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SM_V9_4 iris    exon    11718495        11718602        .       -
        .       Parent=Smp_156000.1;Name=ba2d75fa-289d-49cc-
bd5d-1c3fc5aea9c0
SM_V9_4 iris    exon    11718784        11718899        .       -
        .       Parent=Smp_156000.1;Name=5163a063-5cf1-459f-
b356-1df66c3f70de
SM_V9_4 iris    CDS     11667699        11667818        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11670332        11670496        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11671924        11672118        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11675009        11675172        .       -
        2       Parent=Smp_156000.1
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SM_V9_4 iris    CDS     11676817        11677135        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11684145        11684226        .       -
        1       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11686645        11686730        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11689716        11689992        .       -
        1       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11691578        11691702        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11692847        11692957        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11695537        11695578        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11696840        11696954        .       -
        1       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11701229        11701301        .       -
        2       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11702257        11702335        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11709783        11709871        .       -
        2       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11712290        11712371        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11713071        11713121        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11713304        11713409        .       -
        1       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11715282        11715316        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    CDS     11717847        11717897        .       -
        0       Parent=Smp_156000.1
SM_V9_4 iris    gene    11726163        11797729        .       -
        .
ID=Smp_170760;geneID=Smp_170760;gene_name=Smp_170760;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    11726163        11797729        .       -
        .
ID=Smp_170760.1;Parent=Smp_170760;geneID=Smp_170760;gene_name=Smp_17
0760;owner=irisadmin@local.host;orig_id=Smp_170760.1;date_last_modif
ied=2022-07-25;Name=Smp_170760.1;product=Bromodomain adjacent to
zinc finger domain protein 2A;date_creation=2022-07-25
SM_V9_4 iris    exon    11726163        11726991        .       -
        .       Parent=Smp_170760.1;Name=c4bf68f0-9136-4849-
a815-05d1bf17c7bd
SM_V9_4 iris    exon    11729879        11730022        .       -
        .       Parent=Smp_170760.1;Name=77f580c8-47f0-418d-
a7d4-71aef20c0eb8
SM_V9_4 iris    exon    11731205        11731755        .       -
        .       Parent=Smp_170760.1;Name=c97ecfaa-7e67-4479-9943-
de29de9213cc
SM_V9_4 iris    exon    11737061        11737513        .       -
        .
Parent=Smp_170760.1;Name=59473fdf-7726-43d2-89a2-4603aa7b23a0
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SM_V9_4 iris    exon    11738598        11739215        .       -
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Parent=Smp_170760.1;Name=bda5b900-159b-4d9d-8987-5f9c820c6616
SM_V9_4 iris    exon    11742367        11742953        .       -
        .       Parent=Smp_170760.1;Name=a049668c-
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SM_V9_4 iris    exon    11744319        11746483        .       -
        .       Parent=Smp_170760.1;Name=091db8cd-91f6-4ce9-8350-
c436a613a237
SM_V9_4 iris    exon    11748787        11749085        .       -
        .
Parent=Smp_170760.1;Name=e1b4c775-4efb-41e9-8220-3b9071c99f7d
SM_V9_4 iris    exon    11751120        11751262        .       -
        .       Parent=Smp_170760.1;Name=8a27633b-1e33-4a88-ae9a-
df02263daac8
SM_V9_4 iris    exon    11757272        11757383        .       -
        .       Parent=Smp_170760.1;Name=62a0a540-b379-49f1-803f-
ba18117ebcd9
SM_V9_4 iris    exon    11759371        11759439        .       -
        .       Parent=Smp_170760.1;Name=995fa180-201a-43bd-8580-
d7c73d99a3a4
SM_V9_4 iris    exon    11760965        11761075        .       -
        .       Parent=Smp_170760.1;Name=e1a9458c-1ad4-4b3e-b618-
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SM_V9_4 iris    exon    11763090        11763493        .       -
        .       Parent=Smp_170760.1;Name=e5d73538-8d66-4573-9cd5-
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SM_V9_4 iris    exon    11764748        11764862        .       -
        .       Parent=Smp_170760.1;Name=771a9e02-64c7-4336-
a927-9d166b41f77a
SM_V9_4 iris    exon    11767437        11767548        .       -
        .       Parent=Smp_170760.1;Name=9e533a54-8ce2-4677-
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SM_V9_4 iris    exon    11771750        11771813        .       -
        .       Parent=Smp_170760.1;Name=657c4736-
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SM_V9_4 iris    exon    11773012        11773465        .       -
        .       Parent=Smp_170760.1;Name=896485c0-1aa1-43fd-b5d0-
d05edc9644fa
SM_V9_4 iris    exon    11775279        11775551        .       -
        .       Parent=Smp_170760.1;Name=3d5319e5-d376-4e24-
b0b0-46675749ec9c
SM_V9_4 iris    exon    11777732        11777922        .       -
        .       Parent=Smp_170760.1;Name=d8d8ef24-566a-49c5-8c0b-
e7a603db997a
SM_V9_4 iris    exon    11778357        11778986        .       -
        .       Parent=Smp_170760.1;Name=5f754144-
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SM_V9_4 iris    exon    11781364        11781860        .       -
        .       Parent=Smp_170760.1;Name=d08539fb-506d-471a-
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SM_V9_4 iris    exon    11797424        11797729        .       -
        .
Parent=Smp_170760.1;Name=b91939cc-61c0-4bb5-841a-030e54a7caa5
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SM_V9_4 iris    CDS     11726676        11726991        .       -
        1       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11729879        11730022        .       -
        1       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11731205        11731755        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11737061        11737513        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11738598        11739215        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11742367        11742953        .       -
        2       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11744319        11746483        .       -
        1       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11748787        11749085        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11751120        11751262        .       -
        2       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11757272        11757383        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11759371        11759439        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11760965        11761075        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11763090        11763493        .       -
        2       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11764748        11764862        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11767437        11767548        .       -
        1       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11771750        11771813        .       -
        2       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11773012        11773465        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11775279        11775551        .       -
        0       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11777732        11777922        .       -
        2       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11778357        11778986        .       -
        2       Parent=Smp_170760.1
SM_V9_4 iris    CDS     11781364        11781832        .       -
        0       Parent=Smp_170760.1
SM_V9_4 Liftoff gene    11810973        11855541        .       +
        .       ID=Smp_170770;geneID=Smp_170770
SM_V9_4 Liftoff mRNA    11810973        11855541        .       +
        .
ID=Smp_170770.1;Parent=Smp_170770;geneID=Smp_170770;product=Ras and
EF-hand domain-containing protein
homolog;polypeptide_domain=InterPro:IPR001806,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_4 Liftoff exon    11810973        11811028        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11822411        11822591        .       +
        .       Parent=Smp_170770.1
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SM_V9_4 Liftoff exon    11829986        11830117        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11833289        11833379        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11835463        11835558        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11837426        11837536        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11841891        11842024        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11845005        11845202        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11847286        11847334        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11848709        11848953        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11850945        11851209        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11853184        11853260        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff exon    11855417        11855541        .       +
        .       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11811025        11811028        .       +
        0       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11822411        11822591        .       +
        2       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11829986        11830117        .       +
        1       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11833289        11833379        .       +
        1       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11835463        11835558        .       +
        0       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11837426        11837536        .       +
        0       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11841891        11842024        .       +
        0       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11845005        11845202        .       +
        1       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11847286        11847334        .       +
        1       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11848709        11848953        .       +
        0       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11850945        11851209        .       +
        1       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11853184        11853260        .       +
        0       Parent=Smp_170770.1
SM_V9_4 Liftoff CDS     11855417        11855507        .       +
        1       Parent=Smp_170770.1
SM_V9_4 Liftoff mRNA    11810973        11855541        .       +
        .
ID=Smp_170770.2;Parent=Smp_170770;geneID=Smp_170770;product=Ras and
EF-hand domain-containing protein
homolog;polypeptide_domain=InterPro:IPR001806,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
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SM_V9_4 Liftoff exon    11810973        11811028        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11822411        11822591        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11833289        11833379        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11835463        11835558        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11837426        11837536        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11841891        11842024        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11845005        11845202        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11847286        11847334        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11848709        11848953        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11850945        11851209        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11853184        11853260        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff exon    11855417        11855541        .       +
        .       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11811025        11811028        .       +
        0       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11822411        11822591        .       +
        2       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11833289        11833379        .       +
        1       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11835463        11835558        .       +
        0       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11837426        11837536        .       +
        0       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11841891        11842024        .       +
        0       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11845005        11845202        .       +
        1       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11847286        11847334        .       +
        1       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11848709        11848953        .       +
        0       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11850945        11851209        .       +
        1       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11853184        11853260        .       +
        0       Parent=Smp_170770.2
SM_V9_4 Liftoff CDS     11855417        11855507        .       +
        1       Parent=Smp_170770.2
SM_V9_4 Liftoff gene    11876093        11878888        .       +
        .
ID=Smp_345990;geneID=Smp_345990;previous_systematic_id=Smp_170780
SM_V9_4 Liftoff mRNA    11876093        11878888        .       +
        .
ID=Smp_345990.1;Parent=Smp_345990;geneID=Smp_345990;product=Hypothet
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ical protein
SM_V9_4 Liftoff exon    11876093        11878888        .       +
        .       Parent=Smp_345990.1
SM_V9_4 Liftoff CDS     11876383        11878581        .       +
        0       Parent=Smp_345990.1
SM_V9_4 Liftoff pseudogene      11884025        11888838        .
        -       .       ID=Smp_329190;geneID=Smp_329190
SM_V9_4 Liftoff transcript      11884025        11888838        .
        -       .
ID=Smp_329190.1;Parent=Smp_329190;geneID=Smp_329190
SM_V9_4 Liftoff exon    11884025        11884156        .       -
        .       Parent=Smp_329190.1
SM_V9_4 Liftoff exon    11885535        11885634        .       -
        .       Parent=Smp_329190.1
SM_V9_4 Liftoff exon    11888692        11888838        .       -
        .       Parent=Smp_329190.1
SM_V9_4 Liftoff gene    11902479        11926839        .       -
        .       ID=Smp_170790;geneID=Smp_170790
SM_V9_4 Liftoff mRNA    11902479        11926839        .       -
        .
ID=Smp_170790.1;Parent=Smp_170790;geneID=Smp_170790;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    11902479        11903012        .       -
        .       Parent=Smp_170790.1
SM_V9_4 Liftoff exon    11906443        11906653        .       -
        .       Parent=Smp_170790.1
SM_V9_4 Liftoff exon    11907705        11908254        .       -
        .       Parent=Smp_170790.1
SM_V9_4 Liftoff exon    11925947        11926839        .       -
        .       Parent=Smp_170790.1
SM_V9_4 Liftoff CDS     11902914        11903012        .       -
        0       Parent=Smp_170790.1
SM_V9_4 Liftoff CDS     11906443        11906653        .       -
        1       Parent=Smp_170790.1
SM_V9_4 Liftoff CDS     11907705        11908254        .       -
        2       Parent=Smp_170790.1
SM_V9_4 Liftoff CDS     11925947        11926388        .       -
        0       Parent=Smp_170790.1
SM_V9_4 iris    gene    11944114        11978909        .       -
        .
ID=Smp_170800;geneID=Smp_170800;gene_name=Smp_170800;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    11944114        11978909        .       -
        .
ID=Smp_170800.1;Parent=Smp_170800;geneID=Smp_170800;gene_name=Smp_17
0800;owner=irisadmin@local.host;orig_id=Smp_170800.1;date_last_modif
ied=2022-07-25;Name=Smp_170800.1;product=Cysteine--tRNA ligase,
cytoplasmic;date_creation=2022-07-25
SM_V9_4 iris    exon    11944114        11944573        .       -
        .       Parent=Smp_170800.1;Name=c649cddc-682b-478c-98e1-
dc5d21a49878
SM_V9_4 iris    exon    11946538        11946648        .       -
        .       Parent=Smp_170800.1;Name=ae95950f-5321-45ff-
aad5-203ea4fd925b
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SM_V9_4 iris    exon    11949099        11949460        .       -
        .       Parent=Smp_170800.1;Name=8477bb56-ba26-43f2-
a6e7-396aad5eb733
SM_V9_4 iris    exon    11951160        11951252        .       -
        .       Parent=Smp_170800.1;Name=90c7e2a9-
fce2-4b80-9f33-90d33a916c8a
SM_V9_4 iris    exon    11952594        11952992        .       -
        .       Parent=Smp_170800.1;Name=bec89111-30de-4ecf-8ecb-
d9625fa395dc
SM_V9_4 iris    exon    11955636        11955777        .       -
        .       Parent=Smp_170800.1;Name=de7aca67-1a14-4ce7-
bb46-5852298e273d
SM_V9_4 iris    exon    11960002        11960235        .       -
        .       Parent=Smp_170800.1;Name=82bdea5d-094c-4080-a2f1-
f1d0bb2fcb2e
SM_V9_4 iris    exon    11960977        11961331        .       -
        .       Parent=Smp_170800.1;Name=fb281b02-df7f-4371-a261-
fbf42e3d686d
SM_V9_4 iris    exon    11968098        11968186        .       -
        .       Parent=Smp_170800.1;Name=1a6693c5-c71e-4494-a4d1-
c734c0e52998
SM_V9_4 iris    exon    11969615        11969878        .       -
        .       Parent=Smp_170800.1;Name=a8b5f197-
b909-4603-95a5-64a126f96464
SM_V9_4 iris    exon    11978241        11978339        .       -
        .       Parent=Smp_170800.1;Name=b21ab797-2e36-424b-a734-
aadbea3e9dc7
SM_V9_4 iris    exon    11978381        11978477        .       -
        .       Parent=Smp_170800.1;Name=94ac1655-e715-4a5f-8859-
d7b63ea7f2d5
SM_V9_4 iris    exon    11978515        11978603        .       -
        .       Parent=Smp_170800.1;Name=10e8dcc5-e31d-4cb7-
a0fb-4afe85121211
SM_V9_4 iris    exon    11978637        11978743        .       -
        .       Parent=Smp_170800.1;Name=39409c14-f0eb-4cf9-86d7-
a097e0603e8e
SM_V9_4 iris    exon    11978785        11978909        .       -
        .       Parent=Smp_170800.1;Name=9b1edd31-bcaf-4506-
b01c-46463aa3bea5
SM_V9_4 iris    CDS     11944454        11944573        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11946538        11946648        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11949099        11949460        .       -
        2       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11951160        11951252        .       -
        2       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11952594        11952992        .       -
        2       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11955636        11955777        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11960002        11960235        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11960977        11961331        .       -
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        1       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11968098        11968186        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11969615        11969878        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11978241        11978339        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11978381        11978477        .       -
        1       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11978515        11978603        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11978637        11978743        .       -
        2       Parent=Smp_170800.1
SM_V9_4 iris    CDS     11978785        11978866        .       -
        0       Parent=Smp_170800.1
SM_V9_4 iris    gene    11999651        12025766        .       +
        .
ID=Smp_089180;geneID=Smp_089180;gene_name=Smp_089180;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    11999651        12025766        .       +
        .
ID=Smp_089180.1;Parent=Smp_089180;geneID=Smp_089180;gene_name=Smp_08
9180;owner=irisadmin@local.host;orig_id=Smp_089180.1;date_last_modif
ied=2022-07-25;Name=Smp_089180.1;product=Deubiquitinating enzyme
7;date_creation=2022-07-25
SM_V9_4 iris    exon    11999651        11999730        .       +
        .       Parent=Smp_089180.1;Name=2ab0bcc9-9c90-421d-
ad36-27358643bcfd
SM_V9_4 iris    exon    12003924        12004130        .       +
        .       Parent=Smp_089180.1;Name=30632539-bdf3-426f-943a-
ad5d01847cdc
SM_V9_4 iris    exon    12010140        12010298        .       +
        .       Parent=Smp_089180.1;Name=d9970d7c-7474-49a3-b94e-
d5c56c295717
SM_V9_4 iris    exon    12011587        12011613        .       +
        .       Parent=Smp_089180.1;Name=9adf7262-3d75-42d1-8e9d-
b9b4efb14728
SM_V9_4 iris    exon    12013078        12014307        .       +
        .       Parent=Smp_089180.1;Name=fec95029-
cde3-4ab2-864a-47b6135c3837
SM_V9_4 iris    exon    12016625        12016870        .       +
        .
Parent=Smp_089180.1;Name=e5cd9e83-2664-4c1a-8e4f-9aa7621fee96
SM_V9_4 iris    exon    12016991        12017136        .       +
        .       Parent=Smp_089180.1;Name=2b95a457-600e-4df3-82ed-
f84053a1b20b
SM_V9_4 iris    exon    12019270        12019675        .       +
        .       Parent=Smp_089180.1;Name=72969777-
dc75-467c-9c0f-08f302843aea
SM_V9_4 iris    exon    12020835        12021266        .       +
        .       Parent=Smp_089180.1;Name=63976db5-5f5b-456d-b236-
a25428be06dd
SM_V9_4 iris    exon    12022491        12022872        .       +
        .       Parent=Smp_089180.1;Name=1d4c6c08-3d83-4306-bf4e-
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c7c8ef3dc0a0
SM_V9_4 iris    exon    12024203        12025766        .       +
        .       Parent=Smp_089180.1;Name=52c44925-7b6b-4513-
b220-26ef9d9c5237
SM_V9_4 iris    CDS     12003966        12004130        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12010140        12010298        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12011587        12011613        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12013078        12014307        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12016625        12016870        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12016991        12017136        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12019270        12019675        .       +
        1       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12020835        12021266        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12022491        12022872        .       +
        0       Parent=Smp_089180.1
SM_V9_4 iris    CDS     12024203        12025248        .       +
        2       Parent=Smp_089180.1
SM_V9_4 Liftoff gene    12027804        12094147        .       -
        .
ID=Smp_170810;geneID=Smp_170810;previous_systematic_id=Smp_178830
SM_V9_4 Liftoff mRNA    12027804        12094147        .       -
        .
ID=Smp_170810.1;Parent=Smp_170810;geneID=Smp_170810;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_4 Liftoff exon    12027804        12028287        .       -
        .       Parent=Smp_170810.1
SM_V9_4 Liftoff exon    12031388        12031675        .       -
        .       Parent=Smp_170810.1
SM_V9_4 Liftoff exon    12034240        12034545        .       -
        .       Parent=Smp_170810.1
SM_V9_4 Liftoff exon    12067730        12068182        .       -
        .       Parent=Smp_170810.1
SM_V9_4 Liftoff exon    12093538        12094147        .       -
        .       Parent=Smp_170810.1
SM_V9_4 Liftoff CDS     12027880        12028287        .       -
        0       Parent=Smp_170810.1
SM_V9_4 Liftoff CDS     12031388        12031675        .       -
        0       Parent=Smp_170810.1
SM_V9_4 Liftoff CDS     12034240        12034545        .       -
        0       Parent=Smp_170810.1
SM_V9_4 Liftoff CDS     12067730        12068182        .       -
        0       Parent=Smp_170810.1
SM_V9_4 Liftoff CDS     12093538        12094074        .       -
        0       Parent=Smp_170810.1
SM_V9_4 Liftoff gene    12047963        12050607        .       -
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        .       ID=Smp_317060;geneID=Smp_317060
SM_V9_4 Liftoff mRNA    12047963        12050607        .       -
        .
ID=Smp_317060.1;Parent=Smp_317060;geneID=Smp_317060;product=Phosphol
ipase D C
SM_V9_4 Liftoff exon    12047963        12050607        .       -
        .       Parent=Smp_317060.1
SM_V9_4 Liftoff CDS     12050276        12050494        .       -
        0       Parent=Smp_317060.1
SM_V9_4 Liftoff gene    12111371        12136339        .       +
        .       ID=Smp_089200;geneID=Smp_089200
SM_V9_4 Liftoff mRNA    12111371        12136334        .       +
        .
ID=Smp_089200.1;Parent=Smp_089200;geneID=Smp_089200;product=Multidru
g resistance protein
1A;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR011527,IPR0178
71,IPR027417
Pfam:PF00005,PF00664;Ontology_term=GO:0005524,GO:0006810,GO:0016021,
GO:0016887,GO:0042626,GO:0055085
SM_V9_4 Liftoff exon    12111371        12111511        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12111556        12111831        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12113877        12114309        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12115445        12115551        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12116568        12116681        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12117655        12117762        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12118502        12118627        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12119563        12119766        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12119864        12120196        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12120805        12120936        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12121484        12121561        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12126123        12126269        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12127705        12127812        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12129327        12129404        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12129513        12129740        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12130553        12130707        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12131798        12131938        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12134372        12134603        .       +
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        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12135387        12135725        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff exon    12135875        12136334        .       +
        .       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12111482        12111511        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12111556        12111831        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12113877        12114309        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12115445        12115551        .       +
        2       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12116568        12116681        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12117655        12117762        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12118502        12118627        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12119563        12119766        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12119864        12120196        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12120805        12120936        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12121484        12121561        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12126123        12126269        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12127705        12127812        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12129327        12129404        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12129513        12129740        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12130553        12130707        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12131798        12131938        .       +
        1       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12134372        12134603        .       +
        1       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12135387        12135725        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff CDS     12135875        12136213        .       +
        0       Parent=Smp_089200.1
SM_V9_4 Liftoff mRNA    12111371        12136339        .       +
        .
ID=Smp_089200.2;Parent=Smp_089200;geneID=Smp_089200;product=Multidru
g resistance protein
1A;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR011527,IPR0178
71,IPR027417
Pfam:PF00005,PF00664;Ontology_term=GO:0005524,GO:0006810,GO:0016021,
GO:0016887,GO:0042626,GO:0055085
SM_V9_4 Liftoff exon    12111371        12114309        .       +
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        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12115445        12115551        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12116568        12116681        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12117655        12117762        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12118502        12118627        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12119563        12119766        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12119864        12120196        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12120805        12120936        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12121484        12121561        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12126123        12126269        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12127705        12127812        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12129327        12129404        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12129513        12129740        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12130553        12130707        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12131798        12131938        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12134372        12134603        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12135387        12135725        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff exon    12135875        12136339        .       +
        .       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12113973        12114309        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12115445        12115551        .       +
        2       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12116568        12116681        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12117655        12117762        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12118502        12118627        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12119563        12119766        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12119864        12120196        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12120805        12120936        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12121484        12121561        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12126123        12126269        .       +
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        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12127705        12127812        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12129327        12129404        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12129513        12129740        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12130553        12130707        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12131798        12131938        .       +
        1       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12134372        12134603        .       +
        1       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12135387        12135725        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff CDS     12135875        12136213        .       +
        0       Parent=Smp_089200.2
SM_V9_4 Liftoff gene    12158371        12162887        .       -
        .       ID=Smp_200520;geneID=Smp_200520
SM_V9_4 Liftoff mRNA    12158371        12162887        .       -
        .
ID=Smp_200520.1;Parent=Smp_200520;geneID=Smp_200520;product=Probable
methylthioribulose-1-phosphate dehydratase
SM_V9_4 Liftoff exon    12158371        12158992        .       -
        .       Parent=Smp_200520.1
SM_V9_4 Liftoff exon    12160192        12162887        .       -
        .       Parent=Smp_200520.1
SM_V9_4 Liftoff CDS     12158554        12158992        .       -
        1       Parent=Smp_200520.1
SM_V9_4 Liftoff CDS     12160192        12160733        .       -
        0       Parent=Smp_200520.1
SM_V9_4 iris    gene    12180382        12181556        .       -
        .
ID=Smp_089220;geneID=Smp_089220;gene_name=Smp_089220;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    12180382        12181556        .       -
        .
ID=Smp_089220.1;Parent=Smp_089220;geneID=Smp_089220;gene_name=Smp_08
9220;owner=irisadmin@local.host;orig_id=Smp_089220.1;date_last_modif
ied=2022-07-25;Name=Smp_089220.1;product=Regulator of microtubule
dynamics protein 1;date_creation=2022-07-25
SM_V9_4 iris    exon    12180382        12180574        .       -
        .       Parent=Smp_089220.1;Name=5565a941-a724-422d-9a8f-
a69c22108f46
SM_V9_4 iris    exon    12180615        12180748        .       -
        .
Parent=Smp_089220.1;Name=1980359c-627c-4621-9d31-9abce11f02e2
SM_V9_4 iris    exon    12180788        12180818        .       -
        .       Parent=Smp_089220.1;Name=eefe9f1b-bcbd-4d8a-
bd9b-7bba61bef9de
SM_V9_4 iris    exon    12180853        12180940        .       -
        .       Parent=Smp_089220.1;Name=b642be53-573d-4b21-
ab23-253111ad9ff1
SM_V9_4 iris    exon    12180977        12181032        .       -
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Parent=Smp_089220.1;Name=ddbb2029-9779-43f0-9750-14a725521568
SM_V9_4 iris    exon    12181067        12181153        .       -
        .       Parent=Smp_089220.1;Name=25dc5495-
a5cb-41b0-9881-5cb943a3dbcc
SM_V9_4 iris    exon    12181207        12181319        .       -
        .       Parent=Smp_089220.1;Name=1d42536c-7b8e-4db1-
abf5-746d309ed61c
SM_V9_4 iris    exon    12181355        12181556        .       -
        .       Parent=Smp_089220.1;Name=617b2f1e-
cbc3-405b-84bd-8647e9478b00
SM_V9_4 iris    CDS     12180536        12180574        .       -
        0       Parent=Smp_089220.1
SM_V9_4 iris    CDS     12180615        12180748        .       -
        2       Parent=Smp_089220.1
SM_V9_4 iris    CDS     12180788        12180818        .       -
        0       Parent=Smp_089220.1
SM_V9_4 iris    CDS     12180853        12180940        .       -
        1       Parent=Smp_089220.1
SM_V9_4 iris    CDS     12180977        12181032        .       -
        0       Parent=Smp_089220.1
SM_V9_4 iris    CDS     12181067        12181153        .       -
        0       Parent=Smp_089220.1
SM_V9_4 iris    CDS     12181207        12181319        .       -
        2       Parent=Smp_089220.1
SM_V9_4 iris    CDS     12181355        12181496        .       -
        0       Parent=Smp_089220.1
SM_V9_4 iris    gene    12194830        12202512        .       +
        .
ID=Smp_089230;geneID=Smp_089230;gene_name=Smp_089230;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    12194830        12202512        .       +
        .
ID=Smp_089230.1;Parent=Smp_089230;geneID=Smp_089230;gene_name=Smp_08
9230;owner=irisadmin@local.host;orig_id=Smp_089230.1;date_last_modif
ied=2022-07-25;Name=Smp_089230.1;product=Polycomb complex protein
BMI-1-B;date_creation=2022-07-25
SM_V9_4 iris    exon    12194830        12194878        .       +
        .       Parent=Smp_089230.1;Name=f19f3207-7cdd-444e-
a107-84b6cd218fab
SM_V9_4 iris    exon    12198383        12198819        .       +
        .       Parent=Smp_089230.1;Name=9c27c589-0f92-40c1-bbc9-
bd455f9dab7c
SM_V9_4 iris    exon    12201273        12202512        .       +
        .       Parent=Smp_089230.1;Name=11b05d58-a337-4a96-88df-
d7a5501bb27f
SM_V9_4 iris    CDS     12198522        12198819        .       +
        0       Parent=Smp_089230.1
SM_V9_4 iris    CDS     12201273        12202036        .       +
        2       Parent=Smp_089230.1
SM_V9_4 Liftoff gene    12206189        12238857        .       -
        .       ID=Smp_089240;geneID=Smp_089240
SM_V9_4 Liftoff mRNA    12206189        12238857        .       -
        .
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acetylglucosaminyltransferase;polypeptide_domain=InterPro:IPR007754
Pfam:PF05060;Ontology_term=GO:0005795,GO:0008455,GO:0009312,GO:00160
21
SM_V9_4 Liftoff exon    12206189        12206979        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12212191        12212318        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12214110        12214199        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12217032        12217101        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12224935        12225065        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12232693        12232792        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12234063        12234304        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12235846        12236097        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12237772        12237964        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff exon    12238048        12238857        .       -
        .       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12206706        12206979        .       -
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SM_V9_4 Liftoff CDS     12212191        12212318        .       -
        0       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12214110        12214199        .       -
        0       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12217032        12217101        .       -
        1       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12224935        12225065        .       -
        0       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12232693        12232792        .       -
        1       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12234063        12234304        .       -
        0       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12235846        12236097        .       -
        0       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12237772        12237964        .       -
        1       Parent=Smp_089240.1
SM_V9_4 Liftoff CDS     12238048        12238064        .       -
        0       Parent=Smp_089240.1
SM_V9_4 Liftoff gene    12266622        12301937        .       -
        .
ID=Smp_336100;geneID=Smp_336100;previous_systematic_id=Smp_170820
SM_V9_4 Liftoff mRNA    12266622        12301937        .       -
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ID=Smp_336100.1;Parent=Smp_336100;geneID=Smp_336100;product=Multidru
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71,IPR027417
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SM_V9_4 Liftoff exon    12267627        12267965        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12268795        12269026        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12270457        12270597        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12277156        12277310        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12277766        12277993        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12278088        12278165        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12281122        12281229        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12284436        12284582        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12286654        12286731        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12289065        12289193        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12289909        12290241        .       -
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SM_V9_4 Liftoff exon    12290341        12290544        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12290945        12291070        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12291575        12291682        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12294363        12294476        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12296485        12296591        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12298221        12298653        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12301377        12301652        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12301695        12301734        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff exon    12301771        12301937        .       -
        .       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12267139        12267477        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12267627        12267965        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12268795        12269026        .       -
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SM_V9_4 Liftoff CDS     12270457        12270597        .       -
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SM_V9_4 Liftoff CDS     12277156        12277310        .       -
        0       Parent=Smp_336100.1
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SM_V9_4 Liftoff CDS     12277766        12277993        .       -
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SM_V9_4 Liftoff CDS     12278088        12278165        .       -
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SM_V9_4 Liftoff CDS     12281122        12281229        .       -
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SM_V9_4 Liftoff CDS     12284436        12284582        .       -
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SM_V9_4 Liftoff CDS     12286654        12286731        .       -
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SM_V9_4 Liftoff CDS     12289065        12289193        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12289909        12290241        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12290341        12290544        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12290945        12291070        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12291575        12291682        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12294363        12294476        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12296485        12296591        .       -
        2       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12298221        12298653        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12301377        12301652        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12301695        12301734        .       -
        1       Parent=Smp_336100.1
SM_V9_4 Liftoff CDS     12301771        12301808        .       -
        0       Parent=Smp_336100.1
SM_V9_4 Liftoff gene    12310208        12311287        .       -
        .       ID=Smp_329230;geneID=Smp_329230
SM_V9_4 Liftoff mRNA    12310208        12311287        .       -
        .
ID=Smp_329230.1;Parent=Smp_329230;geneID=Smp_329230;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    12310208        12310650        .       -
        .       Parent=Smp_329230.1
SM_V9_4 Liftoff exon    12310689        12310770        .       -
        .       Parent=Smp_329230.1
SM_V9_4 Liftoff exon    12310811        12311287        .       -
        .       Parent=Smp_329230.1
SM_V9_4 Liftoff CDS     12310552        12310650        .       -
        0       Parent=Smp_329230.1
SM_V9_4 Liftoff CDS     12310689        12310770        .       -
        1       Parent=Smp_329230.1
SM_V9_4 Liftoff CDS     12310811        12310827        .       -
        0       Parent=Smp_329230.1
SM_V9_4 Liftoff gene    12387067        12391042        .       -
        .
ID=Smp_334080;geneID=Smp_334080;previous_systematic_id=Smp_143140,Sm
p_143150
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2;polypeptide_domain=InterPro:IPR000640,IPR000795,IPR004161,IPR00522
5,IPR005517,IPR009000,IPR014721,IPR020568,IPR027417,IPR031157,IPR035
647
Pfam:PF00009,PF00679,PF03144,PF03764,PF14492;Ontology_term=GO:000392
4,GO:0005525
SM_V9_4 Liftoff exon    12387067        12387330        .       -
       .       Parent=Smp_334080.1
SM_V9_4 Liftoff exon    12387365        12388142        .       -
       .       Parent=Smp_334080.1
SM_V9_4 Liftoff exon    12388179        12389332        .       -
       .       Parent=Smp_334080.1
SM_V9_4 Liftoff exon    12389366        12389789        .       -
       .       Parent=Smp_334080.1
SM_V9_4 Liftoff exon    12390976        12391042        .       -
       .       Parent=Smp_334080.1
SM_V9_4 Liftoff CDS     12387137        12387330        .       -
       2       Parent=Smp_334080.1
SM_V9_4 Liftoff CDS     12387365        12388142        .       -
       0       Parent=Smp_334080.1
SM_V9_4 Liftoff CDS     12388179        12389332        .       -
       2       Parent=Smp_334080.1
SM_V9_4 Liftoff CDS     12389366        12389789        .       -
       0       Parent=Smp_334080.1
SM_V9_4 Liftoff CDS     12390976        12390978        .       -
       0       Parent=Smp_334080.1
SM_V9_4 Liftoff gene    12396976        12418483        .       +
       .       ID=Smp_329250;geneID=Smp_329250
SM_V9_4 Liftoff mRNA    12396976        12418483        .       +
       .
ID=Smp_329250.1;Parent=Smp_329250;geneID=Smp_329250;product=Putative
protein ABIL2
SM_V9_4 Liftoff exon    12396976        12410521        .       +
       .       Parent=Smp_329250.1
SM_V9_4 Liftoff exon    12412801        12412975        .       +
       .       Parent=Smp_329250.1
SM_V9_4 Liftoff exon    12417896        12418483        .       +
       .       Parent=Smp_329250.1
SM_V9_4 Liftoff CDS     12410508        12410521        .       +
       0       Parent=Smp_329250.1
SM_V9_4 Liftoff CDS     12412801        12412975        .       +
       1       Parent=Smp_329250.1
SM_V9_4 Liftoff CDS     12417896        12418051        .       +
       0       Parent=Smp_329250.1
SM_V9_4 Liftoff gene    12458882        12459115        .       +
       .       ID=Smp_143160;geneID=Smp_143160
SM_V9_4 Liftoff mRNA    12458882        12459115        .       +
       .
ID=Smp_143160.1;Parent=Smp_143160;geneID=Smp_143160;product=Receptor
-like protein kinase BRI1-like 3
SM_V9_4 Liftoff exon    12458882        12459067        .       +
```

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        .       Parent=Smp_143160.1
SM_V9_4 Liftoff exon    12459107        12459115        .       +
        .       Parent=Smp_143160.1
SM_V9_4 Liftoff CDS     12458882        12459067        .       +
        0       Parent=Smp_143160.1
SM_V9_4 Liftoff CDS     12459107        12459115        .       +
        0       Parent=Smp_143160.1
SM_V9_4 Liftoff gene    12498566        12501368        .       +
        .       ID=Smp_038630;geneID=Smp_038630
SM_V9_4 Liftoff mRNA    12498566        12501368        .       +
        .
ID=Smp_038630.1;Parent=Smp_038630;geneID=Smp_038630;product=Mitochon
drial import inner membrane translocase subunit
Tim22;polypeptide_domain=InterPro:IPR003397 Pfam:PF02466
SM_V9_4 Liftoff exon    12498566        12500848        .       +
        .       Parent=Smp_038630.1
SM_V9_4 Liftoff exon    12500888        12501075        .       +
        .       Parent=Smp_038630.1
SM_V9_4 Liftoff exon    12501114        12501186        .       +
        .       Parent=Smp_038630.1
SM_V9_4 Liftoff exon    12501228        12501368        .       +
        .       Parent=Smp_038630.1
SM_V9_4 Liftoff CDS     12500536        12500848        .       +
        0       Parent=Smp_038630.1
SM_V9_4 Liftoff CDS     12500888        12501075        .       +
        2       Parent=Smp_038630.1
SM_V9_4 Liftoff CDS     12501114        12501186        .       +
        0       Parent=Smp_038630.1
SM_V9_4 Liftoff CDS     12501228        12501313        .       +
        2       Parent=Smp_038630.1
SM_V9_4 iris    gene    12501416        12522724        .       +
        .
ID=Smp_340730;geneID=Smp_340730;gene_name=Smp_340730;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    12501416        12522724        .       +
        .
ID=Smp_340730.1;Parent=Smp_340730;geneID=Smp_340730;gene_name=Smp_34
0730;owner=irisadmin@local.host;orig_id=Smp_340730.1;date_last_modif
ied=2022-07-25;Name=Smp_340730.1;product=Cactin;date_creation=2022-0
7-25
SM_V9_4 iris    exon    12501416        12501856        .       +
        .       Parent=Smp_340730.1;Name=48e2eae5-be2c-45f8-9217-
e60539f55d77
SM_V9_4 iris    exon    12504958        12505179        .       +
        .
Parent=Smp_340730.1;Name=dc5fbc06-3273-4d74-9f09-93f25c8f4a9a
SM_V9_4 iris    exon    12506898        12507086        .       +
        .
Parent=Smp_340730.1;Name=d9a4dc29-6e37-441d-858c-42605be027a0
SM_V9_4 iris    exon    12510330        12510524        .       +
        .       Parent=Smp_340730.1;Name=3ddc00b4-
f315-4c67-850b-9db06f45c039
SM_V9_4 iris    exon    12511757        12511996        .       +
        .       Parent=Smp_340730.1;Name=5b855b20-2180-44a9-8fc2-
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dab1fc463898
SM_V9_4 iris    exon    12515887        12516198        .       +
        .       Parent=Smp_340730.1;Name=15a91271-5eb0-4753-a9c9-
cb97d5a2628e
SM_V9_4 iris    exon    12517517        12517729        .       +
        .       Parent=Smp_340730.1;Name=93e0d027-7178-4d2c-af22-
a50d397e4725
SM_V9_4 iris    exon    12519853        12519963        .       +
        .       Parent=Smp_340730.1;Name=259b8aa2-4764-4138-81fa-
bd25da99dd3d
SM_V9_4 iris    exon    12522200        12522724        .       +
        .
Parent=Smp_340730.1;Name=aad4b9c8-0295-4a21-8231-3b0cc3f78388
SM_V9_4 iris    CDS     12501452        12501856        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12504958        12505179        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12506898        12507086        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12510330        12510524        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12511757        12511996        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12515887        12516198        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12517517        12517729        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12519853        12519963        .       +
        0       Parent=Smp_340730.1
SM_V9_4 iris    CDS     12522200        12522607        .       +
        0       Parent=Smp_340730.1
SM_V9_4 Liftoff gene    12524255        12535104        .       -
        .
ID=Smp_312760;geneID=Smp_312760;previous_systematic_id=Smp_143170
SM_V9_4 Liftoff mRNA    12524255        12535104        .       -
        .
ID=Smp_312760.1;Parent=Smp_312760;geneID=Smp_312760;product=ER
degradation-enhancing alpha-mannosidase-like protein
2;polypeptide_domain=InterPro:IPR001382
Pfam:PF01532;Ontology_term=GO:0004571,GO:0005509,GO:0016020
SM_V9_4 Liftoff exon    12524255        12525404        .       -
        .       Parent=Smp_312760.1
SM_V9_4 Liftoff exon    12527536        12527657        .       -
        .       Parent=Smp_312760.1
SM_V9_4 Liftoff exon    12528007        12528151        .       -
        .       Parent=Smp_312760.1
SM_V9_4 Liftoff exon    12529968        12530092        .       -
        .       Parent=Smp_312760.1
SM_V9_4 Liftoff exon    12533307        12533522        .       -
        .       Parent=Smp_312760.1
SM_V9_4 Liftoff exon    12534252        12534518        .       -
        .       Parent=Smp_312760.1
SM_V9_4 Liftoff exon    12534551        12534807        .       -
        .       Parent=Smp_312760.1
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SM_V9_4 Liftoff exon    12534843        12535104        .       -
        .       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12524709        12525404        .       -
        0       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12527536        12527657        .       -
        2       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12528007        12528151        .       -
        0       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12529968        12530092        .       -
        2       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12533307        12533522        .       -
        2       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12534252        12534518        .       -
        2       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12534551        12534807        .       -
        1       Parent=Smp_312760.1
SM_V9_4 Liftoff CDS     12534843        12534925        .       -
        0       Parent=Smp_312760.1
SM_V9_4 iris    gene    12543948        12567832        .       -
        .
ID=Smp_312770;geneID=Smp_312770;gene_name=Smp_312770;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    12543948        12567832        .       -
        .
ID=Smp_312770.1;Parent=Smp_312770;geneID=Smp_312770;gene_name=Smp_31
2770;owner=irisadmin@local.host;orig_id=Smp_312770.2;date_last_modif
ied=2022-07-25;Name=Smp_312770.1;product=Ras-related protein Ral-
A;date_creation=2022-07-25
SM_V9_4 iris    exon    12543948        12545127        .       -
        .       Parent=Smp_312770.1;Name=943c9a54-fe22-4442-
a757-1fe3550add24
SM_V9_4 iris    exon    12546430        12546605        .       -
        .       Parent=Smp_312770.1;Name=a15aecd6-354f-4c3c-9339-
d7b1f4a9a7b1
SM_V9_4 iris    exon    12550090        12550201        .       -
        .       Parent=Smp_312770.1;Name=0d51ea6d-9f05-455c-
bd27-1f0e89a18951
SM_V9_4 iris    exon    12561932        12562028        .       -
        .
Parent=Smp_312770.1;Name=b718a149-95b3-4b30-980c-3e189e9b0af3
SM_V9_4 iris    exon    12562072        12562243        .       -
        .       Parent=Smp_312770.1;Name=3c6df6e6-2265-4556-
b58d-1d0ea937f577
SM_V9_4 iris    exon    12562281        12562420        .       -
        .       Parent=Smp_312770.1;Name=d1b50be7-fb4e-4f82-9210-
ebadb2455d04
SM_V9_4 iris    exon    12567396        12567832        .       -
        .       Parent=Smp_312770.1;Name=a1943814-6fac-438b-
bf37-1ed32f742ae9
SM_V9_4 iris    CDS     12545117        12545127        .       -
        2       Parent=Smp_312770.1
SM_V9_4 iris    CDS     12546430        12546605        .       -
        1       Parent=Smp_312770.1
SM_V9_4 iris    CDS     12550090        12550201        .       -
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        2       Parent=Smp_312770.1
SM_V9_4 iris    CDS     12561932        12562028        .       -
        0       Parent=Smp_312770.1
SM_V9_4 iris    CDS     12562072        12562164        .       -
        0       Parent=Smp_312770.1
SM_V9_4 Liftoff gene    12636708        12656962        .       -
        .
ID=Smp_343590;geneID=Smp_343590;previous_systematic_id=Smp_143180
SM_V9_4 Liftoff mRNA    12636708        12656962        .       -
        .
ID=Smp_343590.1;Parent=Smp_343590;geneID=Smp_343590;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:00036
76
SM_V9_4 Liftoff exon    12636708        12638145        .       -
        .       Parent=Smp_343590.1
SM_V9_4 Liftoff exon    12651331        12656962        .       -
        .       Parent=Smp_343590.1
SM_V9_4 Liftoff CDS     12638128        12638145        .       -
        0       Parent=Smp_343590.1
SM_V9_4 Liftoff CDS     12651331        12656400        .       -
        0       Parent=Smp_343590.1
SM_V9_4 Liftoff gene    12724736        12731510        .       +
        .       ID=Smp_038680;geneID=Smp_038680
SM_V9_4 Liftoff mRNA    12724736        12731510        .       +
        .
ID=Smp_038680.1;Parent=Smp_038680;geneID=Smp_038680;product=Probable
small nuclear ribonucleoprotein
G;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR034098
Pfam:PF01423;Ontology_term=GO:0000387,GO:0005681
SM_V9_4 Liftoff exon    12724736        12724892        .       +
        .       Parent=Smp_038680.1
SM_V9_4 Liftoff exon    12724935        12724957        .       +
        .       Parent=Smp_038680.1
SM_V9_4 Liftoff exon    12731193        12731510        .       +
        .       Parent=Smp_038680.1
SM_V9_4 Liftoff CDS     12724861        12724892        .       +
        0       Parent=Smp_038680.1
SM_V9_4 Liftoff CDS     12724935        12724957        .       +
        1       Parent=Smp_038680.1
SM_V9_4 Liftoff CDS     12731193        12731368        .       +
        2       Parent=Smp_038680.1
SM_V9_4 Liftoff gene    12752876        12774790        .       +
        .       ID=Smp_143190;geneID=Smp_143190
SM_V9_4 Liftoff mRNA    12752876        12774790        .       +
        .
ID=Smp_143190.1;Parent=Smp_143190;geneID=Smp_143190;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001275
Pfam:PF00751;Ontology_term=GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    12752876        12754324        .       +
        .       Parent=Smp_143190.1
SM_V9_4 Liftoff exon    12756425        12757341        .       +
        .       Parent=Smp_143190.1
SM_V9_4 Liftoff exon    12760173        12774790        .       +
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        .       Parent=Smp_143190.1
SM_V9_4 Liftoff CDS     12753579        12754324        .       +
        0       Parent=Smp_143190.1
SM_V9_4 Liftoff CDS     12756425        12757341        .       +
        1       Parent=Smp_143190.1
SM_V9_4 Liftoff CDS     12760173        12762346        .       +
        2       Parent=Smp_143190.1
SM_V9_4 iris    gene    12789446        12796994        .       +
        .
ID=Smp_038700;geneID=Smp_038700;gene_name=Smp_038700;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    12789446        12796994        .       +
        .
ID=Smp_038700.1;Parent=Smp_038700;geneID=Smp_038700;gene_name=Smp_03
8700;owner=irisadmin@local.host;orig_id=Smp_038700.1;date_last_modif
ied=2022-07-25;Name=Smp_038700.1;product=RING finger protein
10;date_creation=2022-07-25
SM_V9_4 iris    exon    12789446        12789709        .       +
        .       Parent=Smp_038700.1;Name=4e379cd9-4ebf-4aa0-8223-
d4b00f159ff1
SM_V9_4 iris    exon    12789744        12789957        .       +
        .       Parent=Smp_038700.1;Name=eb3eb277-f71b-475a-acb5-
a9e8753a24e3
SM_V9_4 iris    exon    12789993        12790268        .       +
        .       Parent=Smp_038700.1;Name=23f718c2-ba24-40c9-839e-
ca96ddd1c8d5
SM_V9_4 iris    exon    12790302        12790693        .       +
        .
Parent=Smp_038700.1;Name=cc9067a8-2c4b-481c-9831-0592bdd5f8bd
SM_V9_4 iris    exon    12790726        12790859        .       +
        .       Parent=Smp_038700.1;Name=1a8f4b31-4314-4182-98e2-
a9da17a93449
SM_V9_4 iris    exon    12792257        12792476        .       +
        .       Parent=Smp_038700.1;Name=1fde422f-81a1-4492-
a1e0-3bb277466eae
SM_V9_4 iris    exon    12795859        12795906        .       +
        .       Parent=Smp_038700.1;Name=d3e2f090-d6d0-4a35-99c1-
dac20e59278c
SM_V9_4 iris    exon    12795944        12796035        .       +
        .       Parent=Smp_038700.1;Name=98427c19-
f4a3-428d-8a2a-8e3e2552d393
SM_V9_4 iris    exon    12796656        12796994        .       +
        .       Parent=Smp_038700.1;Name=5fa876a3-
fa57-4188-8e9c-7d3ee922d1d1
SM_V9_4 iris    CDS     12789646        12789709        .       +
        0       Parent=Smp_038700.1
SM_V9_4 iris    CDS     12789744        12789957        .       +
        2       Parent=Smp_038700.1
SM_V9_4 iris    CDS     12789993        12790268        .       +
        1       Parent=Smp_038700.1
SM_V9_4 iris    CDS     12790302        12790693        .       +
        1       Parent=Smp_038700.1
SM_V9_4 iris    CDS     12790726        12790859        .       +
        2       Parent=Smp_038700.1
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SM_V9_4 iris    CDS     12792257        12792476        .       +
        0       Parent=Smp_038700.1
SM_V9_4 iris    CDS     12795859        12795906        .       +
        2       Parent=Smp_038700.1
SM_V9_4 iris    CDS     12795944        12796035        .       +
        2       Parent=Smp_038700.1
SM_V9_4 iris    CDS     12796656        12796799        .       +
        0       Parent=Smp_038700.1
SM_V9_4 iris    gene    12796940        12816002        .       -
        .
ID=Smp_038710;geneID=Smp_038710;gene_name=Smp_038710;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    12796940        12816002        .       -
        .
ID=Smp_038710.1;Parent=Smp_038710;geneID=Smp_038710;gene_name=Smp_03
8710;owner=irisadmin@local.host;orig_id=Smp_038710.1;date_last_modif
ied=2022-07-25;Name=Smp_038710.1;product=RAC serine/threonine-
protein kinase;date_creation=2022-07-25
SM_V9_4 iris    exon    12796940        12797394        .       -
        .       Parent=Smp_038710.1;Name=0af0ce17-f841-4e0a-
ac15-85d7146f771e
SM_V9_4 iris    exon    12797799        12797961        .       -
        .       Parent=Smp_038710.1;Name=1fb1c7ff-628d-4236-af76-
c03aac8477eb
SM_V9_4 iris    exon    12803924        12804114        .       -
        .       Parent=Smp_038710.1;Name=ff5c69a0-3f2d-4d68-9c4f-
adc812fc2569
SM_V9_4 iris    exon    12806622        12806733        .       -
        .       Parent=Smp_038710.1;Name=0c2afd91-ba74-4b0e-
a70c-361c3eff6ac1
SM_V9_4 iris    exon    12810647        12810758        .       -
        .       Parent=Smp_038710.1;Name=6eca4018-5098-408b-896a-
c5fa013d76e6
SM_V9_4 iris    exon    12814936        12815231        .       -
        .       Parent=Smp_038710.1;Name=066f31d4-ae73-4a7b-
a6f0-4ba6cdb2d3d1
SM_V9_4 iris    exon    12815264        12815533        .       -
        .       Parent=Smp_038710.1;Name=e1370e06-5a00-4812-
afc8-3eda42c9ce20
SM_V9_4 iris    exon    12815570        12815767        .       -
        .       Parent=Smp_038710.1;Name=054af738-
eb94-4263-8fa1-7e71802a231f
SM_V9_4 iris    exon    12815814        12816002        .       -
        .
Parent=Smp_038710.1;Name=cfdc7086-8956-4845-8a50-47654ea8a9f8
SM_V9_4 iris    CDS     12797350        12797394        .       -
        0       Parent=Smp_038710.1
SM_V9_4 iris    CDS     12797799        12797961        .       -
        1       Parent=Smp_038710.1
SM_V9_4 iris    CDS     12803924        12804114        .       -
        0       Parent=Smp_038710.1
SM_V9_4 iris    CDS     12806622        12806733        .       -
        1       Parent=Smp_038710.1
SM_V9_4 iris    CDS     12810647        12810758        .       -
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        2       Parent=Smp_038710.1
SM_V9_4 iris    CDS     12814936        12815231        .       -
        1       Parent=Smp_038710.1
SM_V9_4 iris    CDS     12815264        12815533        .       -
        1       Parent=Smp_038710.1
SM_V9_4 iris    CDS     12815570        12815640        .       -
        0       Parent=Smp_038710.1
SM_V9_4 Liftoff gene    12820431        12821013        .       +
        .       ID=Smp_143210;geneID=Smp_143210
SM_V9_4 Liftoff mRNA    12820431        12821013        .       +
        .
ID=Smp_143210.1;Parent=Smp_143210;geneID=Smp_143210;product=GMP
synthase [glutamine-hydrolyzing]
SM_V9_4 Liftoff exon    12820431        12820527        .       +
        .       Parent=Smp_143210.1
SM_V9_4 Liftoff exon    12820796        12821013        .       +
        .       Parent=Smp_143210.1
SM_V9_4 Liftoff CDS     12820431        12820527        .       +
        0       Parent=Smp_143210.1
SM_V9_4 Liftoff CDS     12820796        12821013        .       +
        2       Parent=Smp_143210.1
SM_V9_4 iris    gene    12825336        12832274        .       +
        .
ID=Smp_143220;geneID=Smp_143220;gene_name=Smp_143220;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    12825336        12832274        .       +
        .
ID=Smp_143220.1;Parent=Smp_143220;geneID=Smp_143220;gene_name=Smp_14
3220;owner=irisadmin@local.host;orig_id=Smp_143220.1;date_last_modif
ied=2022-07-25;Name=Smp_143220.1;product=Protein
FAM221B;date_creation=2022-07-25
SM_V9_4 iris    exon    12825336        12825410        .       +
        .       Parent=Smp_143220.1;Name=258f0716-442f-495e-b05d-
a13760794ab4
SM_V9_4 iris    exon    12825448        12825526        .       +
        .       Parent=Smp_143220.1;Name=85ee762d-6d5e-49a6-833e-
df079c2b1bc8
SM_V9_4 iris    exon    12825565        12825755        .       +
        .
Parent=Smp_143220.1;Name=ad438285-71a0-47eb-8eb6-8a6d11ac3953
SM_V9_4 iris    exon    12827327        12827527        .       +
        .
Parent=Smp_143220.1;Name=7fe1f12d-1547-442e-8bee-0ec4f078fc17
SM_V9_4 iris    exon    12829018        12829315        .       +
        .
Parent=Smp_143220.1;Name=bde596fe-5bb2-4427-9a40-3585570589d6
SM_V9_4 iris    exon    12831060        12832274        .       +
        .
Parent=Smp_143220.1;Name=34972782-6daf-40a1-8502-8fbed0a4be5f
SM_V9_4 iris    CDS     12825366        12825410        .       +
        0       Parent=Smp_143220.1
SM_V9_4 iris    CDS     12825448        12825526        .       +
        0       Parent=Smp_143220.1
SM_V9_4 iris    CDS     12825565        12825755        .       +
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        2       Parent=Smp_143220.1
SM_V9_4 iris    CDS     12827327        12827527        .       +
        0       Parent=Smp_143220.1
SM_V9_4 iris    CDS     12829018        12829315        .       +
        0       Parent=Smp_143220.1
SM_V9_4 iris    CDS     12831060        12831226        .       +
        2       Parent=Smp_143220.1
SM_V9_4 Liftoff gene    12854969        12894019        .       -
        .
ID=Smp_348090;geneID=Smp_348090;previous_systematic_id=Smp_334090,Sm
p_038730,Smp_182770
SM_V9_4 Liftoff mRNA    12854969        12894019        .       -
        .
ID=Smp_348090.1;Parent=Smp_348090;geneID=Smp_348090;product=Neurobla
st differentiation-associated protein AHNAK
SM_V9_4 Liftoff exon    12854969        12868312        .       -
        .       Parent=Smp_348090.1
SM_V9_4 Liftoff exon    12871987        12873736        .       -
        .       Parent=Smp_348090.1
SM_V9_4 Liftoff exon    12882943        12883347        .       -
        .       Parent=Smp_348090.1
SM_V9_4 Liftoff exon    12888416        12889051        .       -
        .       Parent=Smp_348090.1
SM_V9_4 Liftoff exon    12892136        12894019        .       -
        .       Parent=Smp_348090.1
SM_V9_4 Liftoff CDS     12868134        12868312        .       -
        2       Parent=Smp_348090.1
SM_V9_4 Liftoff CDS     12871987        12873736        .       -
        0       Parent=Smp_348090.1
SM_V9_4 Liftoff CDS     12882943        12883347        .       -
        0       Parent=Smp_348090.1
SM_V9_4 Liftoff CDS     12888416        12889051        .       -
        0       Parent=Smp_348090.1
SM_V9_4 Liftoff CDS     12892136        12893392        .       -
        0       Parent=Smp_348090.1
SM_V9_4 iris    gene    13032748        13067938        .       -
        .
ID=Smp_168520;geneID=Smp_168520;gene_name=Smp_168520;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13032748        13067938        .       -
        .
ID=Smp_168520.1;Parent=Smp_168520;geneID=Smp_168520;gene_name=Smp_16
8520;owner=irisadmin@local.host;orig_id=Smp_168520.1;date_last_modif
ied=2022-07-25;Name=Smp_168520.1;product=acetyl-CoA
synthetase;date_creation=2022-07-25
SM_V9_4 iris    exon    13032748        13034012        .       -
        .       Parent=Smp_168520.1;Name=de7700ab-4667-420f-a059-
fde66eb388f0
SM_V9_4 iris    exon    13037582        13037868        .       -
        .       Parent=Smp_168520.1;Name=f726b6ca-e1c0-45c8-aec4-
e62a84ea5399
SM_V9_4 iris    exon    13042115        13042532        .       -
        .
Parent=Smp_168520.1;Name=176d1f55-16b7-4805-9387-6d530290b410
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SM_V9_4 iris    exon    13045686        13045894        .       -
        .       Parent=Smp_168520.1;Name=eb8651d8-1c4e-4ee1-
ac8a-1419fa94dbcc
SM_V9_4 iris    exon    13047495        13047763        .       -
        .       Parent=Smp_168520.1;Name=dd90123f-fc7d-42d5-a3d3-
f09230abf383
SM_V9_4 iris    exon    13049687        13049902        .       -
        .       Parent=Smp_168520.1;Name=eab0d3f4-
c96b-401e-9a30-9b01668ebef8
SM_V9_4 iris    exon    13056162        13056349        .       -
        .       Parent=Smp_168520.1;Name=c48a9175-3379-4259-975d-
b33f4519160e
SM_V9_4 iris    exon    13058009        13058444        .       -
        .
Parent=Smp_168520.1;Name=699a8ed4-75cd-4344-861c-56ccd4b905de
SM_V9_4 iris    exon    13067804        13067938        .       -
        .       Parent=Smp_168520.1;Name=1d5e6bce-df72-480c-93b0-
dc007ce7daec
SM_V9_4 iris    CDS     13033851        13034012        .       -
        0       Parent=Smp_168520.1
SM_V9_4 iris    CDS     13037582        13037868        .       -
        2       Parent=Smp_168520.1
SM_V9_4 iris    CDS     13042115        13042532        .       -
        0       Parent=Smp_168520.1
SM_V9_4 iris    CDS     13045686        13045894        .       -
        2       Parent=Smp_168520.1
SM_V9_4 iris    CDS     13047495        13047763        .       -
        1       Parent=Smp_168520.1
SM_V9_4 iris    CDS     13049687        13049902        .       -
        1       Parent=Smp_168520.1
SM_V9_4 iris    CDS     13056162        13056349        .       -
        0       Parent=Smp_168520.1
SM_V9_4 iris    CDS     13058009        13058365        .       -
        0       Parent=Smp_168520.1
SM_V9_4 Liftoff gene    13080221        13082828        .       -
        .
ID=Smp_336110;geneID=Smp_336110;previous_systematic_id=Smp_059400
SM_V9_4 Liftoff mRNA    13080221        13082828        .       -
        .
ID=Smp_336110.1;Parent=Smp_336110;geneID=Smp_336110;product=Alpha-1D
adrenergic receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    13080221        13081624        .       -
        .       Parent=Smp_336110.1
SM_V9_4 Liftoff exon    13082211        13082828        .       -
        .       Parent=Smp_336110.1
SM_V9_4 Liftoff CDS     13081406        13081624        .       -
        0       Parent=Smp_336110.1
SM_V9_4 Liftoff CDS     13082211        13082279        .       -
        0       Parent=Smp_336110.1
SM_V9_4 Liftoff gene    13096124        13097739        .       +
        .       ID=Smp_134460;geneID=Smp_134460
SM_V9_4 Liftoff mRNA    13096124        13097739        .       +
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ID=Smp_134460.1;Parent=Smp_134460;geneID=Smp_134460;product=Octopami
ne receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    13096124        13097167        .       +
        .       Parent=Smp_134460.1
SM_V9_4 Liftoff exon    13097209        13097739        .       +
        .       Parent=Smp_134460.1
SM_V9_4 Liftoff CDS     13096124        13097167        .       +
        0       Parent=Smp_134460.1
SM_V9_4 Liftoff CDS     13097209        13097739        .       +
        0       Parent=Smp_134460.1
SM_V9_4 Liftoff gene    13111857        13165989        .       +
        .       ID=Smp_146680;geneID=Smp_146680
SM_V9_4 Liftoff mRNA    13111857        13165989        .       +
        .
ID=Smp_146680.1;Parent=Smp_146680;geneID=Smp_146680;product=Metal
transporter
CNNM2;polypeptide_domain=InterPro:IPR000644,IPR002550,IPR014710
Pfam:PF01595
SM_V9_4 Liftoff exon    13111857        13116880        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff exon    13122384        13122741        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff exon    13132314        13132457        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff exon    13138628        13138759        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff exon    13151607        13151694        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff exon    13157765        13157922        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff exon    13159440        13159634        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff exon    13163462        13165989        .       +
        .       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13115879        13116880        .       +
        0       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13122384        13122741        .       +
        0       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13132314        13132457        .       +
        2       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13138628        13138759        .       +
        2       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13151607        13151694        .       +
        2       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13157765        13157922        .       +
        1       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13159440        13159634        .       +
        2       Parent=Smp_146680.1
SM_V9_4 Liftoff CDS     13163462        13164225        .       +
        2       Parent=Smp_146680.1
SM_V9_4 iris    gene    13175160        13213848        .       -
        .
ID=Smp_211060;geneID=Smp_211060;gene_name=Smp_211060;owner=irisadmin
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@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13175160        13213848        .       -
        .
ID=Smp_211060.1;Parent=Smp_211060;geneID=Smp_211060;gene_name=Smp_21
1060;owner=irisadmin@local.host;orig_id=Smp_211060.1;date_last_modif
ied=2022-07-25;Name=Smp_211060.1;product=X-ray repair cross-
complementing protein 6;date_creation=2022-07-25
SM_V9_4 iris    exon    13175160        13175959        .       -
        .
Parent=Smp_211060.1;Name=b17c0a92-9606-4945-882e-6f14e839b08f
SM_V9_4 iris    exon    13178301        13178392        .       -
        .
Parent=Smp_211060.1;Name=59402ee4-4ac0-4b05-935d-69f00101dd82
SM_V9_4 iris    exon    13180136        13180297        .       -
        .       Parent=Smp_211060.1;Name=9328bfff-
c524-421f-8f55-3211e0d3d485
SM_V9_4 iris    exon    13182012        13182135        .       -
        .       Parent=Smp_211060.1;Name=0688fd7d-685d-421f-a0c2-
dbd45ef71a61
SM_V9_4 iris    exon    13184088        13184305        .       -
        .       Parent=Smp_211060.1;Name=e972629b-135c-4e52-8d64-
bcd1b201cedf
SM_V9_4 iris    exon    13192837        13193165        .       -
        .       Parent=Smp_211060.1;Name=2b5074c2-f537-4d9a-
a547-6951a038ee81
SM_V9_4 iris    exon    13194994        13195085        .       -
        .       Parent=Smp_211060.1;Name=833927e4-e353-4e8c-8103-
f171ab06135a
SM_V9_4 iris    exon    13197933        13198040        .       -
        .       Parent=Smp_211060.1;Name=9cd77d75-2c47-46ec-b897-
da05df40c38b
SM_V9_4 iris    exon    13200936        13201014        .       -
        .
Parent=Smp_211060.1;Name=05bc2537-1360-4716-8510-122e809f0002
SM_V9_4 iris    exon    13202788        13202951        .       -
        .
Parent=Smp_211060.1;Name=9643c5b7-3d8f-4bce-92e0-46475e0881fe
SM_V9_4 iris    exon    13206836        13206877        .       -
        .       Parent=Smp_211060.1;Name=ac2dd2e5-967a-4ba0-aba1-
e62c08f90884
SM_V9_4 iris    exon    13207772        13207987        .       -
        .       Parent=Smp_211060.1;Name=aad9d0d0-ef7e-4dcd-b497-
a3dc488449d1
SM_V9_4 iris    exon    13213484        13213848        .       -
        .       Parent=Smp_211060.1;Name=678f3b57-59ea-43d0-9a89-
a5027c6a7828
SM_V9_4 iris    CDS     13175750        13175959        .       -
        0       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13178301        13178392        .       -
        2       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13180136        13180297        .       -
        2       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13182012        13182135        .       -
        0       Parent=Smp_211060.1
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SM_V9_4 iris    CDS     13184088        13184305        .       -
        2       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13192837        13193165        .       -
        1       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13194994        13195085        .       -
        0       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13197933        13198040        .       -
        0       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13200936        13201014        .       -
        1       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13202788        13202951        .       -
        0       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13206836        13206877        .       -
        0       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13207772        13207987        .       -
        0       Parent=Smp_211060.1
SM_V9_4 iris    CDS     13213484        13213558        .       -
        0       Parent=Smp_211060.1
SM_V9_4 iris    gene    13215236        13240688        .       -
        .
ID=Smp_211050;geneID=Smp_211050;gene_name=Smp_211050;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13215236        13240688        .       -
        .
ID=Smp_211050.1;Parent=Smp_211050;geneID=Smp_211050;gene_name=Smp_21
1050;owner=irisadmin@local.host;orig_id=Smp_211050.1;date_last_modif
ied=2022-07-25;Name=Smp_211050.1;product=Acylamino-acid-releasing
enzyme;date_creation=2022-07-25
SM_V9_4 iris    exon    13215236        13215465        .       -
        .       Parent=Smp_211050.1;Name=139ffbe1-0c75-4add-97cb-
ebbeb0d7f118
SM_V9_4 iris    exon    13216102        13216473        .       -
        .
Parent=Smp_211050.1;Name=0c5c6361-1268-441c-9227-21cb43eb4b07
SM_V9_4 iris    exon    13220215        13220465        .       -
        .       Parent=Smp_211050.1;Name=a93d453e-bff6-496d-b721-
cac65addb2ae
SM_V9_4 iris    exon    13221730        13221911        .       -
        .       Parent=Smp_211050.1;Name=3ec007e0-5151-417d-a1b8-
c2c581ab19c7
SM_V9_4 iris    exon    13223637        13223961        .       -
        .       Parent=Smp_211050.1;Name=ad9524ab-7ad8-4160-
a985-857af6e2dbd7
SM_V9_4 iris    exon    13230339        13230572        .       -
        .       Parent=Smp_211050.1;Name=670d955a-
ae42-4880-83cf-01a79da5629e
SM_V9_4 iris    exon    13231586        13231880        .       -
        .       Parent=Smp_211050.1;Name=9182dcab-
d5c7-4f3a-8f52-3a1692075884
SM_V9_4 iris    exon    13234035        13234931        .       -
        .
Parent=Smp_211050.1;Name=ca239793-7138-487d-8a72-2ec7a591d41c
SM_V9_4 iris    exon    13237427        13237609        .       -
        .       Parent=Smp_211050.1;Name=e35a4044-b96b-40c9-
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aafb-5ed0fc634e89
SM_V9_4 iris    exon    13237641        13237883        .       -
        .       Parent=Smp_211050.1;Name=08271194-
ca8a-4e2f-9b43-1b5053cebf34
SM_V9_4 iris    exon    13237916        13238065        .       -
        .       Parent=Smp_211050.1;Name=83808929-48c2-4f25-
af22-9e0f818ed104
SM_V9_4 iris    exon    13238104        13238626        .       -
        .
Parent=Smp_211050.1;Name=fba2195e-90e0-4754-81f6-1586f23b7ae6
SM_V9_4 iris    exon    13240617        13240688        .       -
        .       Parent=Smp_211050.1;Name=f17f1ce6-1e59-49d9-
a828-2fe4b206ffe7
SM_V9_4 iris    CDS     13215313        13215465        .       -
        0       Parent=Smp_211050.1
SM_V9_4 iris    CDS     13216102        13216473        .       -
        0       Parent=Smp_211050.1
SM_V9_4 iris    CDS     13220215        13220465        .       -
        2       Parent=Smp_211050.1
SM_V9_4 iris    CDS     13221730        13221911        .       -
        1       Parent=Smp_211050.1
SM_V9_4 iris    CDS     13223637        13223961        .       -
        2       Parent=Smp_211050.1
SM_V9_4 iris    CDS     13230339        13230572        .       -
        2       Parent=Smp_211050.1
SM_V9_4 iris    CDS     13231586        13231880        .       -
        0       Parent=Smp_211050.1
SM_V9_4 iris    CDS     13234035        13234625        .       -
        0       Parent=Smp_211050.1
SM_V9_4 Liftoff gene    13263052        13263666        .       +
        .       ID=Smp_045510;geneID=Smp_045510
SM_V9_4 Liftoff mRNA    13263052        13263666        .       +
        .
ID=Smp_045510.1;Parent=Smp_045510;geneID=Smp_045510;product=Small
ubiquitin-related modifier
3;polypeptide_domain=InterPro:IPR000626,IPR022617,IPR029071,IPR03395
0 Pfam:PF11976;Ontology_term=GO:0005515,GO:0016925
SM_V9_4 Liftoff exon    13263052        13263123        .       +
        .       Parent=Smp_045510.1
SM_V9_4 Liftoff exon    13263194        13263313        .       +
        .       Parent=Smp_045510.1
SM_V9_4 Liftoff exon    13263351        13263422        .       +
        .       Parent=Smp_045510.1
SM_V9_4 Liftoff exon    13263459        13263666        .       +
        .       Parent=Smp_045510.1
SM_V9_4 Liftoff CDS     13263103        13263123        .       +
        0       Parent=Smp_045510.1
SM_V9_4 Liftoff CDS     13263194        13263313        .       +
        0       Parent=Smp_045510.1
SM_V9_4 Liftoff CDS     13263351        13263422        .       +
        0       Parent=Smp_045510.1
SM_V9_4 Liftoff CDS     13263459        13263518        .       +
        0       Parent=Smp_045510.1
SM_V9_4 Liftoff gene    13267580        13277308        .       -
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        .       ID=Smp_045500;geneID=Smp_045500
SM_V9_4 Liftoff mRNA    13267580        13277308        .       -
        .
ID=Smp_045500.1;Parent=Smp_045500;geneID=Smp_045500;product=Annexin
A7;polypeptide_domain=InterPro:IPR001464,IPR018252,IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13267580        13267914        .       -
        .       Parent=Smp_045500.1
SM_V9_4 Liftoff exon    13269955        13270136        .       -
        .       Parent=Smp_045500.1
SM_V9_4 Liftoff exon    13270364        13270506        .       -
        .       Parent=Smp_045500.1
SM_V9_4 Liftoff exon    13271077        13271263        .       -
        .       Parent=Smp_045500.1
SM_V9_4 Liftoff exon    13275096        13275477        .       -
        .       Parent=Smp_045500.1
SM_V9_4 Liftoff exon    13276200        13277308        .       -
        .       Parent=Smp_045500.1
SM_V9_4 Liftoff CDS     13267861        13267914        .       -
        0       Parent=Smp_045500.1
SM_V9_4 Liftoff CDS     13269955        13270136        .       -
        2       Parent=Smp_045500.1
SM_V9_4 Liftoff CDS     13270364        13270506        .       -
        1       Parent=Smp_045500.1
SM_V9_4 Liftoff CDS     13271077        13271263        .       -
        2       Parent=Smp_045500.1
SM_V9_4 Liftoff CDS     13275096        13275477        .       -
        0       Parent=Smp_045500.1
SM_V9_4 Liftoff CDS     13276200        13276889        .       -
        0       Parent=Smp_045500.1
SM_V9_4 Liftoff gene    13286592        13294694        .       +
        .       ID=Smp_045490;geneID=Smp_045490
SM_V9_4 Liftoff mRNA    13286592        13294694        .       +
        .
ID=Smp_045490.1;Parent=Smp_045490;geneID=Smp_045490;product=Annexin
A11;polypeptide_domain=InterPro:IPR001464,IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13286592        13287166        .       +
        .       Parent=Smp_045490.1
SM_V9_4 Liftoff exon    13287848        13288229        .       +
        .       Parent=Smp_045490.1
SM_V9_4 Liftoff exon    13290905        13291091        .       +
        .       Parent=Smp_045490.1
SM_V9_4 Liftoff exon    13292468        13292610        .       +
        .       Parent=Smp_045490.1
SM_V9_4 Liftoff exon    13293435        13293616        .       +
        .       Parent=Smp_045490.1
SM_V9_4 Liftoff exon    13294239        13294694        .       +
        .       Parent=Smp_045490.1
SM_V9_4 Liftoff CDS     13286708        13287166        .       +
        0       Parent=Smp_045490.1
SM_V9_4 Liftoff CDS     13287848        13288229        .       +
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SM_V9_4 Liftoff CDS     13290905        13291091        .       +
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        2       Parent=Smp_045490.1
SM_V9_4 Liftoff CDS     13292468        13292610        .       +
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SM_V9_4 Liftoff CDS     13293435        13293616        .       +
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SM_V9_4 Liftoff CDS     13294239        13294361        .       +
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SM_V9_4 Liftoff gene    13297682        13304174        .       +
        .       ID=Smp_329260;geneID=Smp_329260
SM_V9_4 Liftoff mRNA    13297682        13304174        .       +
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ID=Smp_329260.1;Parent=Smp_329260;geneID=Smp_329260;product=Annexin
A4;polypeptide_domain=InterPro:IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13297682        13298663        .       +
        .       Parent=Smp_329260.1
SM_V9_4 Liftoff exon    13300772        13300953        .       +
        .       Parent=Smp_329260.1
SM_V9_4 Liftoff exon    13303678        13304174        .       +
        .       Parent=Smp_329260.1
SM_V9_4 Liftoff CDS     13298627        13298663        .       +
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SM_V9_4 Liftoff CDS     13300772        13300953        .       +
        2       Parent=Smp_329260.1
SM_V9_4 Liftoff CDS     13303678        13303800        .       +
        0       Parent=Smp_329260.1
SM_V9_4 Liftoff gene    13319561        13334146        .       -
        .       ID=Smp_207040;geneID=Smp_207040
SM_V9_4 Liftoff mRNA    13319561        13334146        .       -
        .
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Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13319561        13319858        .       -
        .       Parent=Smp_207040.1
SM_V9_4 Liftoff exon    13322583        13322764        .       -
        .       Parent=Smp_207040.1
SM_V9_4 Liftoff exon    13324461        13324591        .       -
        .       Parent=Smp_207040.1
SM_V9_4 Liftoff exon    13325372        13325558        .       -
        .       Parent=Smp_207040.1
SM_V9_4 Liftoff exon    13329400        13329781        .       -
        .       Parent=Smp_207040.1
SM_V9_4 Liftoff exon    13331039        13334146        .       -
        .       Parent=Smp_207040.1
SM_V9_4 Liftoff CDS     13319736        13319858        .       -
        0       Parent=Smp_207040.1
SM_V9_4 Liftoff CDS     13322583        13322764        .       -
        2       Parent=Smp_207040.1
SM_V9_4 Liftoff CDS     13324461        13324591        .       -
        1       Parent=Smp_207040.1
SM_V9_4 Liftoff CDS     13325372        13325558        .       -
        2       Parent=Smp_207040.1
SM_V9_4 Liftoff CDS     13329400        13329781        .       -
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SM_V9_4 Liftoff mRNA    13319561        13334146        .       -
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Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13319561        13319858        .       -
        .       Parent=Smp_207040.2
SM_V9_4 Liftoff exon    13322583        13322764        .       -
        .       Parent=Smp_207040.2
SM_V9_4 Liftoff exon    13324461        13324591        .       -
        .       Parent=Smp_207040.2
SM_V9_4 Liftoff exon    13325372        13325558        .       -
        .       Parent=Smp_207040.2
SM_V9_4 Liftoff exon    13329400        13329781        .       -
        .       Parent=Smp_207040.2
SM_V9_4 Liftoff exon    13331039        13334146        .       -
        .       Parent=Smp_207040.2
SM_V9_4 Liftoff CDS     13319736        13319858        .       -
        0       Parent=Smp_207040.2
SM_V9_4 Liftoff CDS     13322583        13322764        .       -
        2       Parent=Smp_207040.2
SM_V9_4 Liftoff CDS     13324461        13324591        .       -
        1       Parent=Smp_207040.2
SM_V9_4 Liftoff CDS     13325372        13325558        .       -
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SM_V9_4 Liftoff CDS     13329400        13329781        .       -
        0       Parent=Smp_207040.2
SM_V9_4 Liftoff CDS     13331039        13331593        .       -
        0       Parent=Smp_207040.2
SM_V9_4 Liftoff gene    13347638        13367730        .       -
        .       ID=Smp_045550;geneID=Smp_045550
SM_V9_4 Liftoff mRNA    13347638        13367730        .       -
        .
ID=Smp_045550.1;Parent=Smp_045550;geneID=Smp_045550;product=Annexin
A7;polypeptide_domain=InterPro:IPR001464,IPR002390,IPR018252,IPR0185
02 Pfam:PF00191;Ontology_term=GO:0004859,GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13347638        13348256        .       -
        .       Parent=Smp_045550.1
SM_V9_4 Liftoff exon    13353549        13353730        .       -
        .       Parent=Smp_045550.1
SM_V9_4 Liftoff exon    13355170        13355312        .       -
        .       Parent=Smp_045550.1
SM_V9_4 Liftoff exon    13359411        13359597        .       -
        .       Parent=Smp_045550.1
SM_V9_4 Liftoff exon    13361359        13361740        .       -
        .       Parent=Smp_045550.1
SM_V9_4 Liftoff exon    13367149        13367730        .       -
        .       Parent=Smp_045550.1
SM_V9_4 Liftoff CDS     13348203        13348256        .       -
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SM_V9_4 Liftoff CDS     13353549        13353730        .       -
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SM_V9_4 Liftoff CDS     13355170        13355312        .       -
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SM_V9_4 Liftoff CDS     13359411        13359597        .       -
        2       Parent=Smp_045550.1
SM_V9_4 Liftoff CDS     13361359        13361740        .       -
        0       Parent=Smp_045550.1
SM_V9_4 Liftoff CDS     13367149        13367664        .       -
        0       Parent=Smp_045550.1
SM_V9_4 Liftoff gene    13380143        13396796        .       -
        .       ID=Smp_045560;geneID=Smp_045560
SM_V9_4 Liftoff mRNA    13380143        13396796        .       -
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ID=Smp_045560.1;Parent=Smp_045560;geneID=Smp_045560;product=Annexin
A8;polypeptide_domain=InterPro:IPR001464,IPR018252,IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13380143        13380790        .       -
        .       Parent=Smp_045560.1
SM_V9_4 Liftoff exon    13383085        13383266        .       -
        .       Parent=Smp_045560.1
SM_V9_4 Liftoff exon    13386541        13386683        .       -
        .       Parent=Smp_045560.1
SM_V9_4 Liftoff exon    13387971        13388157        .       -
        .       Parent=Smp_045560.1
SM_V9_4 Liftoff exon    13392543        13392921        .       -
        .       Parent=Smp_045560.1
SM_V9_4 Liftoff exon    13395840        13396796        .       -
        .       Parent=Smp_045560.1
SM_V9_4 Liftoff CDS     13380731        13380790        .       -
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SM_V9_4 Liftoff CDS     13383085        13383266        .       -
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SM_V9_4 Liftoff CDS     13386541        13386683        .       -
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SM_V9_4 Liftoff CDS     13387971        13388157        .       -
        2       Parent=Smp_045560.1
SM_V9_4 Liftoff CDS     13392543        13392921        .       -
        0       Parent=Smp_045560.1
SM_V9_4 Liftoff CDS     13395840        13395884        .       -
        0       Parent=Smp_045560.1
SM_V9_4 Liftoff gene    13412038        13438436        .       -
        .       ID=Smp_146690;geneID=Smp_146690
SM_V9_4 Liftoff mRNA    13412038        13438436        .       -
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ID=Smp_146690.1;Parent=Smp_146690;geneID=Smp_146690;product=Annexin
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02 Pfam:PF00191,PF13290;Ontology_term=GO:0005509,GO:0005544
SM_V9_4 Liftoff exon    13412038        13412244        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13415051        13415268        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13417352        13417494        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13419540        13419726        .       -
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SM_V9_4 Liftoff exon    13421190        13421571        .       -
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SM_V9_4 Liftoff exon    13422829        13422921        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13425286        13425495        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13427707        13427940        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13431362        13431597        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13432284        13432329        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13432824        13433040        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13434477        13434630        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff exon    13435711        13438436        .       -
        .       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13412191        13412244        .       -
        0       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13415051        13415268        .       -
        2       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13417352        13417494        .       -
        1       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13419540        13419726        .       -
        2       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13421190        13421571        .       -
        0       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13422829        13422921        .       -
        0       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13425286        13425495        .       -
        0       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13427707        13427940        .       -
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SM_V9_4 Liftoff CDS     13431362        13431597        .       -
        2       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13432284        13432329        .       -
        0       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13432824        13433040        .       -
        1       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13434477        13434630        .       -
        2       Parent=Smp_146690.1
SM_V9_4 Liftoff CDS     13435711        13435822        .       -
        0       Parent=Smp_146690.1
SM_V9_4 iris    gene    13441345        13465971        .       +
        .
ID=Smp_312820;geneID=Smp_312820;gene_name=Smp_312820;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13441345        13465971        .       +
        .
ID=Smp_312820.1;Parent=Smp_312820;geneID=Smp_312820;gene_name=Smp_31
2820;owner=irisadmin@local.host;orig_id=Smp_312820.1;date_last_modif
ied=2022-07-25;Name=Smp_312820.1;product=Probable
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palmitoyltransferase ZDHHC8;date_creation=2022-07-25
SM_V9_4 iris    exon    13441345        13441511        .       +
        .       Parent=Smp_312820.1;Name=f382783f-1ced-44c6-
a331-7d19705d4674
SM_V9_4 iris    exon    13441551        13441672        .       +
        .
Parent=Smp_312820.1;Name=7f08ac4c-731e-4d24-8a1e-31c7270f198a
SM_V9_4 iris    exon    13441706        13441866        .       +
        .       Parent=Smp_312820.1;Name=23c4eb56-4622-4a67-bb31-
bb2158207b1f
SM_V9_4 iris    exon    13441902        13442074        .       +
        .       Parent=Smp_312820.1;Name=3cc18a98-9780-4174-bab9-
ae81b78a6a3e
SM_V9_4 iris    exon    13443423        13443525        .       +
        .
Parent=Smp_312820.1;Name=d8f3a54f-3a0a-4a56-80cd-8693f226d41f
SM_V9_4 iris    exon    13446062        13446153        .       +
        .       Parent=Smp_312820.1;Name=78643f73-d88a-4100-
a814-2a698bb89828
SM_V9_4 iris    exon    13448875        13449490        .       +
        .       Parent=Smp_312820.1;Name=700b71b2-e4b7-45c8-
a7e7-446f9379a430
SM_V9_4 iris    exon    13453682        13454179        .       +
        .       Parent=Smp_312820.1;Name=21c039fc-ac57-4837-
a244-741f47d029e6
SM_V9_4 iris    exon    13458217        13458784        .       +
        .       Parent=Smp_312820.1;Name=4075a800-61a5-489f-
aeb8-59c744670ec3
SM_V9_4 iris    exon    13463467        13465971        .       +
        .       Parent=Smp_312820.1;Name=afbec94c-
d0da-44d4-8fe6-90a3c138e423
SM_V9_4 iris    CDS     13441420        13441511        .       +
        0       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13441551        13441672        .       +
        1       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13441706        13441866        .       +
        2       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13441902        13442074        .       +
        0       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13443423        13443525        .       +
        1       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13446062        13446153        .       +
        0       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13448875        13449490        .       +
        1       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13453682        13454179        .       +
        0       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13458217        13458784        .       +
        0       Parent=Smp_312820.1
SM_V9_4 iris    CDS     13463467        13463771        .       +
        2       Parent=Smp_312820.1
SM_V9_4 Liftoff gene    13546870        13550140        .       +
        .
ID=Smp_336120;geneID=Smp_336120;previous_systematic_id=Smp_109340
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SM_V9_4 Liftoff mRNA    13546870        13550140        .       +
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exoribonuclease 2
SM_V9_4 Liftoff exon    13546870        13548249        .       +
        .       Parent=Smp_336120.1
SM_V9_4 Liftoff exon    13548299        13550140        .       +
        .       Parent=Smp_336120.1
SM_V9_4 Liftoff CDS     13547698        13548249        .       +
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SM_V9_4 Liftoff CDS     13548299        13548505        .       +
        0       Parent=Smp_336120.1
SM_V9_4 Liftoff gene    13555158        13557499        .       -
        .       ID=Smp_329270;geneID=Smp_329270
SM_V9_4 Liftoff mRNA    13555158        13557499        .       -
        .
ID=Smp_329270.1;Parent=Smp_329270;geneID=Smp_329270;product=Hypothet
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SM_V9_4 Liftoff exon    13555158        13555633        .       -
        .       Parent=Smp_329270.1
SM_V9_4 Liftoff exon    13556464        13556993        .       -
        .       Parent=Smp_329270.1
SM_V9_4 Liftoff exon    13557043        13557499        .       -
        .       Parent=Smp_329270.1
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SM_V9_4 Liftoff CDS     13556464        13556993        .       -
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SM_V9_4 Liftoff CDS     13557043        13557384        .       -
        0       Parent=Smp_329270.1
SM_V9_4 Liftoff gene    13567085        13585087        .       +
        .       ID=Smp_149750;geneID=Smp_149750
SM_V9_4 Liftoff mRNA    13567085        13569274        .       +
        .
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SM_V9_4 Liftoff exon    13567085        13567546        .       +
        .       Parent=Smp_149750.2
SM_V9_4 Liftoff exon    13567596        13568125        .       +
        .       Parent=Smp_149750.2
SM_V9_4 Liftoff exon    13568824        13569274        .       +
        .       Parent=Smp_149750.2
SM_V9_4 Liftoff CDS     13567106        13567546        .       +
        0       Parent=Smp_149750.2
SM_V9_4 Liftoff CDS     13567596        13568125        .       +
        0       Parent=Smp_149750.2
SM_V9_4 Liftoff CDS     13568824        13568959        .       +
        1       Parent=Smp_149750.2
SM_V9_4 Liftoff mRNA    13567085        13585087        .       +
        .
ID=Smp_149750.1;Parent=Smp_149750;geneID=Smp_149750;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    13567085        13567546        .       +
        .       Parent=Smp_149750.1
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SM_V9_4 Liftoff exon    13567596        13568125        .       +
        .       Parent=Smp_149750.1
SM_V9_4 Liftoff exon    13584637        13585087        .       +
        .       Parent=Smp_149750.1
SM_V9_4 Liftoff CDS     13567106        13567546        .       +
        0       Parent=Smp_149750.1
SM_V9_4 Liftoff CDS     13567596        13568125        .       +
        0       Parent=Smp_149750.1
SM_V9_4 Liftoff CDS     13584637        13584772        .       +
        1       Parent=Smp_149750.1
SM_V9_4 Liftoff mRNA    13582920        13585087        .       +
        .
ID=Smp_149750.3;Parent=Smp_149750;geneID=Smp_149750;product=Pre-
mRNA-splicing factor RSE1
SM_V9_4 Liftoff exon    13582920        13583359        .       +
        .       Parent=Smp_149750.3
SM_V9_4 Liftoff exon    13583409        13583938        .       +
        .       Parent=Smp_149750.3
SM_V9_4 Liftoff exon    13584637        13585087        .       +
        .       Parent=Smp_149750.3
SM_V9_4 Liftoff CDS     13583240        13583359        .       +
        0       Parent=Smp_149750.3
SM_V9_4 Liftoff CDS     13583409        13583938        .       +
        0       Parent=Smp_149750.3
SM_V9_4 Liftoff CDS     13584637        13584772        .       +
        1       Parent=Smp_149750.3
SM_V9_4 iris    gene    13598726        13600939        .       +
        .
ID=Smp_329280;geneID=Smp_329280;gene_name=Smp_329280;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13598726        13600939        .       +
        .
ID=Smp_329280.1;Parent=Smp_329280;geneID=Smp_329280;gene_name=Smp_32
9280;owner=irisadmin@local.host;orig_id=Smp_329280.1;date_last_modif
ied=2022-07-25;Name=Smp_329280.1;product=Hypothetical
protein;date_creation=2022-07-25
SM_V9_4 iris    exon    13598726        13599186        .       +
        .       Parent=Smp_329280.1;Name=8e03ebdd-
c340-475f-943c-27df9835be95
SM_V9_4 iris    exon    13599236        13599765        .       +
        .       Parent=Smp_329280.1;Name=6c97a2e1-e0fb-4d12-b01d-
f55c8d3d5f79
SM_V9_4 iris    exon    13600464        13600939        .       +
        .
Parent=Smp_329280.1;Name=706ceb08-78d8-44ff-8b46-5cdc266acba0
SM_V9_4 iris    CDS     13598845        13599186        .       +
        0       Parent=Smp_329280.1
SM_V9_4 iris    CDS     13599236        13599765        .       +
        0       Parent=Smp_329280.1
SM_V9_4 iris    CDS     13600464        13600599        .       +
        1       Parent=Smp_329280.1
SM_V9_4 Liftoff gene    13714954        13812367        .       +
        .       ID=Smp_149770;geneID=Smp_149770
SM_V9_4 Liftoff mRNA    13714954        13812367        .       +
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        .
ID=Smp_149770.1;Parent=Smp_149770;geneID=Smp_149770;product=5-
hydroxytryptamine receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    13714954        13775400        .       +
        .       Parent=Smp_149770.1
SM_V9_4 Liftoff exon    13809223        13812367        .       +
        .       Parent=Smp_149770.1
SM_V9_4 Liftoff CDS     13775337        13775400        .       +
        0       Parent=Smp_149770.1
SM_V9_4 Liftoff CDS     13809223        13811555        .       +
        2       Parent=Smp_149770.1
SM_V9_4 iris    gene    13845547        13893941        .       -
        .
ID=Smp_334100;geneID=Smp_334100;gene_name=Smp_334100;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13845547        13893941        .       -
        .
ID=Smp_334100.1;Parent=Smp_334100;geneID=Smp_334100;gene_name=Smp_33
4100;owner=irisadmin@local.host;orig_id=Smp_334100.1;date_last_modif
ied=2022-07-25;Name=Smp_334100.1;product=UPF0668 protein
C10orf76;date_creation=2022-07-25
SM_V9_4 iris    exon    13845547        13846547        .       -
        .       Parent=Smp_334100.1;Name=086491d9-d6af-4c2e-
afea-30237fda47ec
SM_V9_4 iris    exon    13849110        13849226        .       -
        .       Parent=Smp_334100.1;Name=2590c468-c0e4-48c6-
a69b-4a4a63f18bae
SM_V9_4 iris    exon    13853500        13853578        .       -
        .       Parent=Smp_334100.1;Name=0a625a8a-364e-4b03-9f4a-
e6dab8920bc8
SM_V9_4 iris    exon    13853720        13853798        .       -
        .       Parent=Smp_334100.1;Name=05f4bfcd-
c81b-41b0-9e97-11d1469fbcb2
SM_V9_4 iris    exon    13854698        13854824        .       -
        .
Parent=Smp_334100.1;Name=19f53618-9032-4722-95e0-3907f8f71884
SM_V9_4 iris    exon    13857285        13857367        .       -
        .       Parent=Smp_334100.1;Name=8796adc7-037a-4415-
bb87-543997e1d146
SM_V9_4 iris    exon    13859347        13859435        .       -
        .       Parent=Smp_334100.1;Name=5762778f-
f06f-4148-9702-9c42e02fccd4
SM_V9_4 iris    exon    13861112        13861172        .       -
        .       Parent=Smp_334100.1;Name=c9a5a2d3-5006-4c65-942a-
ec91c47e743b
SM_V9_4 iris    exon    13863382        13863451        .       -
        .       Parent=Smp_334100.1;Name=943804d3-36de-461e-aca2-
ecdffa901b2e
SM_V9_4 iris    exon    13866555        13866620        .       -
        .
Parent=Smp_334100.1;Name=ffd291ea-2084-41fb-9f83-33ac0aee3e58
SM_V9_4 iris    exon    13868624        13868682        .       -
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        .       Parent=Smp_334100.1;Name=128c75bd-5857-445f-9755-
ab14fe87d6b3
SM_V9_4 iris    exon    13871039        13871407        .       -
        .       Parent=Smp_334100.1;Name=5faa86bf-
d723-45ee-8d16-4368d9384c70
SM_V9_4 iris    exon    13877032        13877174        .       -
        .
Parent=Smp_334100.1;Name=3ddadd8d-8eff-474b-99d4-04c5f1a93925
SM_V9_4 iris    exon    13878998        13879044        .       -
        .       Parent=Smp_334100.1;Name=1653628e-
a5c2-485b-9b63-2cd859059af6
SM_V9_4 iris    exon    13879976        13880033        .       -
        .
Parent=Smp_334100.1;Name=2546d286-850d-41ec-931b-2c8debb4e6d8
SM_V9_4 iris    exon    13881771        13881814        .       -
        .
Parent=Smp_334100.1;Name=114e08e6-78fc-4a75-905e-5a7c7eb1c183
SM_V9_4 iris    exon    13883579        13883635        .       -
        .       Parent=Smp_334100.1;Name=27361fa2-bce1-4744-
ac01-27f6558e16d5
SM_V9_4 iris    exon    13885748        13885909        .       -
        .
Parent=Smp_334100.1;Name=bb0d1cf3-1563-40dc-8753-64f4095899ae
SM_V9_4 iris    exon    13886681        13886773        .       -
        .       Parent=Smp_334100.1;Name=4f1edca3-
a5d5-4653-98ff-900400e6704e
SM_V9_4 iris    exon    13889185        13889376        .       -
        .
Parent=Smp_334100.1;Name=c1cfd0d1-3b7e-411f-8583-23059170134a
SM_V9_4 iris    exon    13893603        13893668        .       -
        .       Parent=Smp_334100.1;Name=2359ee93-b391-4ddb-8be0-
f2a4e5e82927
SM_V9_4 iris    exon    13893703        13893941        .       -
        .       Parent=Smp_334100.1;Name=9bf33dc4-5e82-4616-
a2d4-5fd1dc65f458
SM_V9_4 iris    CDS     13846455        13846547        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13849110        13849226        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13853500        13853578        .       -
        1       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13853720        13853798        .       -
        2       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13854698        13854824        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13857285        13857367        .       -
        2       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13859347        13859435        .       -
        1       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13861112        13861172        .       -
        2       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13863382        13863451        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13866555        13866620        .       -
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        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13868624        13868682        .       -
        2       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13871039        13871407        .       -
        2       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13877032        13877174        .       -
        1       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13878998        13879044        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13879976        13880033        .       -
        1       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13881771        13881814        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13883579        13883635        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13885748        13885909        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13886681        13886773        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13889185        13889376        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13893603        13893668        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    CDS     13893703        13893858        .       -
        0       Parent=Smp_334100.1
SM_V9_4 iris    gene    13914452        13938311        .       -
        .
ID=Smp_149820;geneID=Smp_149820;gene_name=Smp_149820;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13914452        13938311        .       -
        .
ID=Smp_149820.1;Parent=Smp_149820;geneID=Smp_149820;gene_name=Smp_14
9820;owner=irisadmin@local.host;orig_id=Smp_149820.3;date_last_modif
ied=2022-07-25;Name=Smp_149820.1;product=Glycoprotein-N-
acetylgalactosamine 3-beta-galactosyltransferase
1;date_creation=2022-07-25
SM_V9_4 iris    exon    13914452        13914813        .       -
        .       Parent=Smp_149820.1;Name=2f833605-92cd-4e62-a334-
a74ca118f40e
SM_V9_4 iris    exon    13916702        13916874        .       -
        .       Parent=Smp_149820.1;Name=4c7be3ca-7b16-4e35-8591-
c127dff0e6b0
SM_V9_4 iris    exon    13919637        13919778        .       -
        .       Parent=Smp_149820.1;Name=e5978f9e-5a2c-4e82-
b7db-22b58dfe48b2
SM_V9_4 iris    exon    13922571        13922773        .       -
        .       Parent=Smp_149820.1;Name=3d2b7eb1-de02-4606-b59c-
c50e7b6a3e33
SM_V9_4 iris    exon    13927658        13927831        .       -
        .       Parent=Smp_149820.1;Name=7e548767-64b9-493a-
aa6c-91586861931e
SM_V9_4 iris    exon    13927908        13928426        .       -
        .       Parent=Smp_149820.1;Name=9b1406b0-9e18-4c49-b0b0-
fca645429641
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SM_V9_4 iris    exon    13938265        13938311        .       -
        .
Parent=Smp_149820.1;Name=ce6cf5e9-82f8-42cb-8769-47f510412157
SM_V9_4 iris    CDS     13914667        13914813        .       -
        0       Parent=Smp_149820.1
SM_V9_4 iris    CDS     13916702        13916874        .       -
        2       Parent=Smp_149820.1
SM_V9_4 iris    CDS     13919637        13919778        .       -
        0       Parent=Smp_149820.1
SM_V9_4 iris    CDS     13922571        13922773        .       -
        2       Parent=Smp_149820.1
SM_V9_4 iris    CDS     13927658        13927831        .       -
        2       Parent=Smp_149820.1
SM_V9_4 iris    CDS     13927908        13928349        .       -
        0       Parent=Smp_149820.1
SM_V9_4 iris    gene    13943734        14010440        .       +
        .
ID=Smp_334110;geneID=Smp_334110;gene_name=Smp_334110;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    13943734        14010440        .       +
        .
ID=Smp_334110.1;Parent=Smp_334110;geneID=Smp_334110;gene_name=Smp_33
4110;owner=irisadmin@local.host;orig_id=Smp_334110.1;date_last_modif
ied=2022-07-25;Name=Smp_334110.1;product=Hypothetical
protein;date_creation=2022-07-25
SM_V9_4 iris    exon    13943734        13944399        .       +
        .
Parent=Smp_334110.1;Name=6918cafa-02c2-413e-8d7c-8a0a31db1df4
SM_V9_4 iris    exon    13949963        13950091        .       +
        .
Parent=Smp_334110.1;Name=7f16976f-3a32-4121-91e3-0752fcd9c018
SM_V9_4 iris    exon    13975526        13976209        .       +
        .       Parent=Smp_334110.1;Name=70ade1b3-29c2-4bf8-860d-
e6ae42230033
SM_V9_4 iris    exon    13981890        13981932        .       +
        .       Parent=Smp_334110.1;Name=56c73099-f722-4caf-
b062-5ea454653056
SM_V9_4 iris    exon    13987643        13988651        .       +
        .       Parent=Smp_334110.1;Name=434105f3-5099-4faf-b0f7-
a164a4513a8d
SM_V9_4 iris    exon    13992664        13992833        .       +
        .       Parent=Smp_334110.1;Name=afcba397-2d14-4525-
b36b-3febe23815d8
SM_V9_4 iris    exon    14004272        14004726        .       +
        .       Parent=Smp_334110.1;Name=17e0add7-ba12-440b-b543-
e5c1438a8f74
SM_V9_4 iris    exon    14005414        14005812        .       +
        .       Parent=Smp_334110.1;Name=3044622c-006e-4a0a-
a0a5-59ad71af3644
SM_V9_4 iris    exon    14007166        14010440        .       +
        .       Parent=Smp_334110.1;Name=e148ab1f-e4d1-4b62-
bfdb-1417a28e7fd8
SM_V9_4 iris    CDS     13943929        13944399        .       +
        0       Parent=Smp_334110.1
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SM_V9_4 iris    CDS     13949963        13950091        .       +
        0       Parent=Smp_334110.1
SM_V9_4 iris    CDS     13975526        13976209        .       +
        0       Parent=Smp_334110.1
SM_V9_4 iris    CDS     13981890        13981932        .       +
        0       Parent=Smp_334110.1
SM_V9_4 iris    CDS     13987643        13988651        .       +
        2       Parent=Smp_334110.1
SM_V9_4 iris    CDS     13992664        13992833        .       +
        1       Parent=Smp_334110.1
SM_V9_4 iris    CDS     14004272        14004726        .       +
        2       Parent=Smp_334110.1
SM_V9_4 iris    CDS     14005414        14005812        .       +
        0       Parent=Smp_334110.1
SM_V9_4 iris    CDS     14007166        14008380        .       +
        0       Parent=Smp_334110.1
SM_V9_4 Liftoff gene    14094861        14134476        .       -
        .
ID=Smp_334120;geneID=Smp_334120;previous_systematic_id=Smp_149860,Sm
p_149870
SM_V9_4 Liftoff mRNA    14094861        14134476        .       -
        .
ID=Smp_334120.1;Parent=Smp_334120;geneID=Smp_334120;product=Haloacid
dehalogenase-like hydrolase domain-containing
5;polypeptide_domain=InterPro:IPR006353,IPR006357,IPR023214
Pfam:PF13344
SM_V9_4 Liftoff exon    14094861        14095499        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff exon    14096337        14096527        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff exon    14111696        14112059        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff exon    14117518        14117560        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff exon    14119253        14119343        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff exon    14126134        14126246        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff exon    14132317        14132514        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff exon    14133392        14134476        .       -
        .       Parent=Smp_334120.1
SM_V9_4 Liftoff CDS     14095315        14095499        .       -
        2       Parent=Smp_334120.1
SM_V9_4 Liftoff CDS     14096337        14096527        .       -
        1       Parent=Smp_334120.1
SM_V9_4 Liftoff CDS     14111696        14112059        .       -
        2       Parent=Smp_334120.1
SM_V9_4 Liftoff CDS     14117518        14117560        .       -
        0       Parent=Smp_334120.1
SM_V9_4 Liftoff CDS     14119253        14119343        .       -
        1       Parent=Smp_334120.1
SM_V9_4 Liftoff CDS     14126134        14126246        .       -
        0       Parent=Smp_334120.1
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SM_V9_4 Liftoff CDS     14132317        14132514        .       -
        0       Parent=Smp_334120.1
SM_V9_4 Liftoff CDS     14133392        14133490        .       -
        0       Parent=Smp_334120.1
SM_V9_4 iris    gene    14174416        14186716        .       -
        .
ID=Smp_051810;geneID=Smp_051810;gene_name=Smp_051810;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14174416        14186716        .       -
        .
ID=Smp_051810.1;Parent=Smp_051810;geneID=Smp_051810;gene_name=Smp_05
1810;owner=irisadmin@local.host;orig_id=Smp_051810.1;date_last_modif
ied=2022-07-25;Name=Smp_051810.1;product=Elongation of very long
chain fatty acids protein 4;date_creation=2022-07-25
SM_V9_4 iris    exon    14174416        14174727        .       -
        .       Parent=Smp_051810.1;Name=e03acf3a-46e4-4136-a71f-
ecd760b56199
SM_V9_4 iris    exon    14179000        14179173        .       -
        .       Parent=Smp_051810.1;Name=4e5a5079-ccd2-4bbf-80f2-
e9609110b917
SM_V9_4 iris    exon    14181141        14181440        .       -
        .
Parent=Smp_051810.1;Name=b0f6e6d2-7943-4e70-9c63-32c88c6fac21
SM_V9_4 iris    exon    14186282        14186550        .       -
        .       Parent=Smp_051810.1;Name=d344d270-bd3a-48b4-a26a-
a25a13727157
SM_V9_4 iris    exon    14186588        14186716        .       -
        .       Parent=Smp_051810.1;Name=f908b611-3755-43a5-
af26-10046af90fbe
SM_V9_4 iris    CDS     14174671        14174727        .       -
        0       Parent=Smp_051810.1
SM_V9_4 iris    CDS     14179000        14179173        .       -
        0       Parent=Smp_051810.1
SM_V9_4 iris    CDS     14181141        14181440        .       -
        0       Parent=Smp_051810.1
SM_V9_4 iris    CDS     14186282        14186550        .       -
        2       Parent=Smp_051810.1
SM_V9_4 iris    CDS     14186588        14186654        .       -
        0       Parent=Smp_051810.1
SM_V9_4 Liftoff gene    14198080        14221286        .       -
        .
ID=Smp_344250;geneID=Smp_344250;previous_systematic_id=Smp_149880
SM_V9_4 Liftoff mRNA    14198080        14221286        .       -
        .
ID=Smp_344250.1;Parent=Smp_344250;geneID=Smp_344250;product=Major
facilitator superfamily domain-containing protein
12;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690,PF13347;Ontology_term=GO:0016021,GO:0055085
SM_V9_4 Liftoff exon    14198080        14200916        .       -
        .       Parent=Smp_344250.1
SM_V9_4 Liftoff exon    14209382        14209519        .       -
        .       Parent=Smp_344250.1
SM_V9_4 Liftoff exon    14213430        14213575        .       -
        .       Parent=Smp_344250.1
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SM_V9_4 Liftoff exon    14217359        14217851        .       -
        .       Parent=Smp_344250.1
SM_V9_4 Liftoff exon    14220657        14221286        .       -
        .       Parent=Smp_344250.1
SM_V9_4 Liftoff CDS     14200503        14200916        .       -
        0       Parent=Smp_344250.1
SM_V9_4 Liftoff CDS     14209382        14209519        .       -
        0       Parent=Smp_344250.1
SM_V9_4 Liftoff CDS     14213430        14213575        .       -
        2       Parent=Smp_344250.1
SM_V9_4 Liftoff CDS     14217359        14217851        .       -
        0       Parent=Smp_344250.1
SM_V9_4 Liftoff CDS     14220657        14221244        .       -
        0       Parent=Smp_344250.1
SM_V9_4 iris    gene    14236686        14263270        .       -
        .
ID=Smp_149900;geneID=Smp_149900;gene_name=Smp_149900;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14254344        14263270        .       -
        .
ID=Smp_149900.1;Parent=Smp_149900;geneID=Smp_149900;gene_name=Smp_14
9900;owner=irisadmin@local.host;orig_id=Smp_149900.1;date_last_modif
ied=2022-07-25;Name=Smp_149900.1;product=T-complex protein 1 subunit
eta;date_creation=2022-07-25
SM_V9_4 iris    exon    14254344        14254628        .       -
        .       Parent=Smp_149900.1;Name=2443d905-
e40b-4c32-86c2-336f196e73ae
SM_V9_4 iris    exon    14255451        14255639        .       -
        .       Parent=Smp_149900.1;Name=f7cd65dc-11d5-4875-
a6bc-7b3132096cca
SM_V9_4 iris    exon    14255716        14255867        .       -
        .
Parent=Smp_149900.1;Name=c1dcebc5-52bc-4b1c-8418-2724a5924395
SM_V9_4 iris    exon    14256755        14257041        .       -
        .       Parent=Smp_149900.1;Name=ab6611c0-bd72-44db-
a6c3-0301774863bd
SM_V9_4 iris    exon    14257084        14257269        .       -
        .
Parent=Smp_149900.1;Name=bbd1b498-3c25-4bc4-9eda-199605fe0e4b
SM_V9_4 iris    exon    14260057        14260207        .       -
        .       Parent=Smp_149900.1;Name=ae0b4ced-
e3ce-4e79-8af4-36e93c85fbbd
SM_V9_4 iris    exon    14260965        14261407        .       -
        .
Parent=Smp_149900.1;Name=d90ae4d9-235b-4762-8b60-8fe33a1f4268
SM_V9_4 iris    exon    14263213        14263270        .       -
        .       Parent=Smp_149900.1;Name=b00bf426-9334-485d-
a546-05533bda35fd
SM_V9_4 iris    CDS     14254414        14254628        .       -
        2       Parent=Smp_149900.1
SM_V9_4 iris    CDS     14255451        14255639        .       -
        2       Parent=Smp_149900.1
SM_V9_4 iris    CDS     14255716        14255867        .       -
        1       Parent=Smp_149900.1
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SM_V9_4 iris    CDS     14256755        14257041        .       -
        0       Parent=Smp_149900.1
SM_V9_4 iris    CDS     14257084        14257269        .       -
        0       Parent=Smp_149900.1
SM_V9_4 iris    CDS     14260057        14260207        .       -
        1       Parent=Smp_149900.1
SM_V9_4 iris    CDS     14260965        14261407        .       -
        0       Parent=Smp_149900.1
SM_V9_4 iris    CDS     14263213        14263218        .       -
        0       Parent=Smp_149900.1
SM_V9_4 iris    gene    14269979        14365731        .       -
        .
ID=Smp_344270;geneID=Smp_344270;gene_name=Smp_344270;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14269979        14365731        .       -
        .
ID=Smp_344270.1;Parent=Smp_344270;geneID=Smp_344270;gene_name=Smp_34
4270;owner=irisadmin@local.host;orig_id=Smp_344270.1;date_last_modif
ied=2022-07-25;Name=Smp_344270.1;product=Liprin-
alpha-2;date_creation=2022-07-25
SM_V9_4 iris    exon    14269979        14272415        .       -
        .       Parent=Smp_344270.1;Name=c3099e00-
c1a3-4b5f-94e8-555bfeaf847b
SM_V9_4 iris    exon    14275304        14275680        .       -
        .       Parent=Smp_344270.1;Name=87d6cea2-810d-413c-84bf-
d3cafd3ad962
SM_V9_4 iris    exon    14280569        14280846        .       -
        .       Parent=Smp_344270.1;Name=6d9c9e88-
a4ba-4d4d-8904-2ecbfd0ca3ac
SM_V9_4 iris    exon    14281706        14281908        .       -
        .
Parent=Smp_344270.1;Name=060af85e-4bdf-4bef-897a-305c034ce46b
SM_V9_4 iris    exon    14284289        14284587        .       -
        .       Parent=Smp_344270.1;Name=15945dd1-589d-47ce-
b571-2f9258ae0ba1
SM_V9_4 iris    exon    14287384        14288414        .       -
        .       Parent=Smp_344270.1;Name=eec86582-
a006-4781-8466-159f0026c01a
SM_V9_4 iris    exon    14292302        14292585        .       -
        .
Parent=Smp_344270.1;Name=195188a2-1d18-4cb9-9034-2812d313bb72
SM_V9_4 iris    exon    14302011        14302580        .       -
        .       Parent=Smp_344270.1;Name=0be857fb-3f78-4e30-916a-
b53fa47f6fd8
SM_V9_4 iris    exon    14306860        14307405        .       -
        .       Parent=Smp_344270.1;Name=82864cd9-
cdbf-4b81-8600-8ba401c836ad
SM_V9_4 iris    exon    14312679        14312915        .       -
        .       Parent=Smp_344270.1;Name=bcdafcdd-
a5e6-434d-89e8-8b26be1e711b
SM_V9_4 iris    exon    14332422        14332495        .       -
        .       Parent=Smp_344270.1;Name=f4f691f3-15e9-4a2e-9080-
b637cc0ea952
SM_V9_4 iris    exon    14333603        14333819        .       -
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        .       Parent=Smp_344270.1;Name=39d865a7-05f4-47bc-b17c-
d6bd70b3b1aa
SM_V9_4 iris    exon    14336699        14337130        .       -
        .       Parent=Smp_344270.1;Name=b630d697-2dd5-4fc7-ac43-
e6f8489f089d
SM_V9_4 iris    exon    14339600        14339776        .       -
        .       Parent=Smp_344270.1;Name=9c448036-ffd4-4949-9199-
b125ff6dd4ae
SM_V9_4 iris    exon    14344170        14344483        .       -
        .       Parent=Smp_344270.1;Name=362aac46-4b92-4c62-a393-
ddc4b1732cd2
SM_V9_4 iris    exon    14346268        14346625        .       -
        .       Parent=Smp_344270.1;Name=b6f4ba95-969b-4f56-b81d-
fbdeb63dc319
SM_V9_4 iris    exon    14348563        14348664        .       -
        .       Parent=Smp_344270.1;Name=ed1251fc-438f-49ae-8d25-
a461aae4ff93
SM_V9_4 iris    exon    14359217        14359477        .       -
        .
Parent=Smp_344270.1;Name=d0aa0e1b-09ae-4dcb-8677-953145b32bf5
SM_V9_4 iris    exon    14365626        14365731        .       -
        .       Parent=Smp_344270.1;Name=8135001a-9319-4fbb-98d8-
bff01ae62e6e
SM_V9_4 iris    CDS     14272026        14272415        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14275304        14275680        .       -
        2       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14280569        14280846        .       -
        1       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14281706        14281908        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14284289        14284587        .       -
        2       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14287384        14288414        .       -
        1       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14292302        14292585        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14302011        14302580        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14306860        14307405        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14312679        14312915        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14332422        14332495        .       -
        2       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14333603        14333819        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14336699        14337130        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14339600        14339776        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14344170        14344483        .       -
        2       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14346268        14346625        .       -
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        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14348563        14348664        .       -
        0       Parent=Smp_344270.1
SM_V9_4 iris    CDS     14359217        14359462        .       -
        0       Parent=Smp_344270.1
SM_V9_4 Liftoff gene    14392535        14410310        .       -
        .
ID=Smp_211040;geneID=Smp_211040;previous_systematic_id=Smp_149920
SM_V9_4 Liftoff mRNA    14392535        14410310        .       -
        .
ID=Smp_211040.1;Parent=Smp_211040;geneID=Smp_211040;product=Probable
complex I intermediate-associated protein 30,
mitochondrial;polypeptide_domain=InterPro:IPR008979,IPR013857
Pfam:PF08547
SM_V9_4 Liftoff exon    14392535        14393024        .       -
        .       Parent=Smp_211040.1
SM_V9_4 Liftoff exon    14395801        14396037        .       -
        .       Parent=Smp_211040.1
SM_V9_4 Liftoff exon    14397303        14397613        .       -
        .       Parent=Smp_211040.1
SM_V9_4 Liftoff exon    14410005        14410310        .       -
        .       Parent=Smp_211040.1
SM_V9_4 Liftoff CDS     14392679        14393024        .       -
        1       Parent=Smp_211040.1
SM_V9_4 Liftoff CDS     14395801        14396037        .       -
        1       Parent=Smp_211040.1
SM_V9_4 Liftoff CDS     14397303        14397613        .       -
        0       Parent=Smp_211040.1
SM_V9_4 Liftoff CDS     14410005        14410280        .       -
        0       Parent=Smp_211040.1
SM_V9_4 Liftoff gene    14413560        14438050        .       -
        .
ID=Smp_211030;geneID=Smp_211030;previous_systematic_id=Smp_149920
SM_V9_4 Liftoff mRNA    14413560        14438050        .       -
        .
ID=Smp_211030.1;Parent=Smp_211030;geneID=Smp_211030;product=Protein
phosphatase methylesterase
1;polypeptide_domain=InterPro:IPR000073,IPR016812,IPR029058
Pfam:PF12697;Ontology_term=GO:0006482,GO:0051723
SM_V9_4 Liftoff exon    14413560        14424308        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14426467        14426531        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14428206        14428557        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14431226        14431517        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14434104        14434194        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14435133        14435218        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14437330        14437398        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14437433        14437542        .       -
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        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14437576        14437668        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14437703        14437784        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff exon    14437858        14438050        .       -
        .       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14424243        14424308        .       -
        0       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14426467        14426531        .       -
        2       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14428206        14428557        .       -
        0       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14431226        14431517        .       -
        1       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14434104        14434194        .       -
        2       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14435133        14435218        .       -
        1       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14437330        14437398        .       -
        1       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14437433        14437542        .       -
        0       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14437576        14437668        .       -
        0       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14437703        14437784        .       -
        1       Parent=Smp_211030.1
SM_V9_4 Liftoff CDS     14437858        14437916        .       -
        0       Parent=Smp_211030.1
SM_V9_4 iris    gene    14442509        14498215        .       -
        .
ID=Smp_312850;geneID=Smp_312850;gene_name=Smp_312850;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_4 iris    mRNA    14442509        14498215        .       -
        .
ID=Smp_312850.1;Parent=Smp_312850;geneID=Smp_312850;gene_name=Smp_31
2850;owner=irisadmin@local.host;orig_id=Smp_312850.1;date_last_modif
ied=2022-08-15;Name=Smp_312850.1;product=Sodium/potassium/calcium
exchanger 6, mitochondrial;date_creation=2022-08-15
SM_V9_4 iris    exon    14442509        14443620        .       -
        .       Parent=Smp_312850.1;Name=6d28d6c1-96cc-4db7-8cb1-
c9971dc7e667
SM_V9_4 iris    exon    14445163        14445311        .       -
        .       Parent=Smp_312850.1;Name=49a4455f-ae60-4ca4-
b369-9807e25c73d3
SM_V9_4 iris    exon    14447022        14447321        .       -
        .       Parent=Smp_312850.1;Name=42d759e0-
a8c8-4fc5-97bb-1c515c391e18
SM_V9_4 iris    exon    14448214        14449014        .       -
        .       Parent=Smp_312850.1;Name=f9e816b3-d5d6-4a05-
b1a7-33ede9eff0e5
SM_V9_4 iris    exon    14450254        14450334        .       -
        .       Parent=Smp_312850.1;Name=f3d4bdc4-fd8c-4f1d-a554-
ac15d99a09c6
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SM_V9_4 iris    exon    14452136        14452171        .       -
        .       Parent=Smp_312850.1;Name=f4ccb653-0d42-4290-bc6f-
c90e90456f27
SM_V9_4 iris    exon    14454296        14454712        .       -
        .       Parent=Smp_312850.1;Name=8e808cc7-ff20-4837-b1e6-
e7b3f80a331a
SM_V9_4 iris    exon    14462050        14462433        .       -
        .       Parent=Smp_312850.1;Name=4fd03743-40c7-44f6-8561-
b7ac56b08d2f
SM_V9_4 iris    exon    14463775        14463942        .       -
        .
Parent=Smp_312850.1;Name=3285f330-5d4c-444b-8daa-08b7e8a18ef4
SM_V9_4 iris    exon    14464691        14464808        .       -
        .
Parent=Smp_312850.1;Name=077ab402-9ccf-4ceb-8775-140d3d9b873d
SM_V9_4 iris    exon    14466887        14466944        .       -
        .       Parent=Smp_312850.1;Name=25fa0cbf-75ca-4d94-adb7-
facca1bea30a
SM_V9_4 iris    exon    14467477        14467529        .       -
        .       Parent=Smp_312850.1;Name=892b67e7-e4b6-4369-
a990-69f6e918054e
SM_V9_4 iris    exon    14482838        14483268        .       -
        .       Parent=Smp_312850.1;Name=f87bfae9-64bf-4256-b932-
de8a193a6f41
SM_V9_4 iris    exon    14496544        14496612        .       -
        .       Parent=Smp_312850.1;Name=d9bba7d0-edc7-43e6-
a474-809686cff0f3
SM_V9_4 iris    exon    14497982        14498215        .       -
        .       Parent=Smp_312850.1;Name=9c776b88-7b17-4fc3-
a9a3-61199bed48b0
SM_V9_4 iris    CDS     14443402        14443620        .       -
        0       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14445163        14445311        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14447022        14447321        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14448214        14449014        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14450254        14450334        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14452136        14452171        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14454296        14454712        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14462050        14462433        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14463775        14463942        .       -
        2       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14464691        14464808        .       -
        0       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14466887        14466944        .       -
        1       Parent=Smp_312850.1
SM_V9_4 iris    CDS     14467477        14467529        .       -
        0       Parent=Smp_312850.1
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SM_V9_4 iris    CDS     14482838        14483161        .       -
        0       Parent=Smp_312850.1
SM_V9_4 Liftoff gene    14508337        14520190        .       -
        .
ID=Smp_312860;geneID=Smp_312860;previous_systematic_id=Smp_149930
SM_V9_4 Liftoff mRNA    14508337        14520190        .       -
        .
ID=Smp_312860.1;Parent=Smp_312860;geneID=Smp_312860;product=Zinc
finger protein
445;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    14508337        14508810        .       -
        .       Parent=Smp_312860.1
SM_V9_4 Liftoff exon    14509853        14511115        .       -
        .       Parent=Smp_312860.1
SM_V9_4 Liftoff exon    14520112        14520190        .       -
        .       Parent=Smp_312860.1
SM_V9_4 Liftoff CDS     14508376        14508810        .       -
        0       Parent=Smp_312860.1
SM_V9_4 Liftoff CDS     14509853        14511115        .       -
        0       Parent=Smp_312860.1
SM_V9_4 Liftoff CDS     14520112        14520162        .       -
        0       Parent=Smp_312860.1
SM_V9_4 Liftoff gene    14554433        14556066        .       -
        .       ID=Smp_051920;geneID=Smp_051920
SM_V9_4 Liftoff mRNA    14554433        14556066        .       -
        .
ID=Smp_051920.1;Parent=Smp_051920;geneID=Smp_051920;product=nanos
2;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR024161 Pfam:PF05741
SM_V9_4 Liftoff exon    14554433        14554708        .       -
        .       Parent=Smp_051920.1
SM_V9_4 Liftoff exon    14554807        14554951        .       -
        .       Parent=Smp_051920.1
SM_V9_4 Liftoff exon    14554989        14555142        .       -
        .       Parent=Smp_051920.1
SM_V9_4 Liftoff exon    14555247        14555378        .       -
        .       Parent=Smp_051920.1
SM_V9_4 Liftoff exon    14555451        14555588        .       -
        .       Parent=Smp_051920.1
SM_V9_4 Liftoff exon    14555672        14555848        .       -
        .       Parent=Smp_051920.1
SM_V9_4 Liftoff exon    14555898        14556066        .       -
        .       Parent=Smp_051920.1
SM_V9_4 Liftoff CDS     14554586        14554708        .       -
        0       Parent=Smp_051920.1
SM_V9_4 Liftoff CDS     14554807        14554951        .       -
        1       Parent=Smp_051920.1
SM_V9_4 Liftoff CDS     14554989        14555142        .       -
        2       Parent=Smp_051920.1
SM_V9_4 Liftoff CDS     14555247        14555378        .       -
        2       Parent=Smp_051920.1
SM_V9_4 Liftoff CDS     14555451        14555588        .       -
        2       Parent=Smp_051920.1
SM_V9_4 Liftoff CDS     14555672        14555848        .       -
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        2       Parent=Smp_051920.1
SM_V9_4 Liftoff CDS     14555898        14555991        .       -
        0       Parent=Smp_051920.1
SM_V9_4 Liftoff mRNA    14554433        14556066        .       -
        .
ID=Smp_051920.2;Parent=Smp_051920;geneID=Smp_051920;product=nanos
2;evidence=Traceable Author Statement;literature=PMID:23426263
PMID:23908765
SM_V9_4 Liftoff exon    14554433        14554595        .       -
        .       Parent=Smp_051920.2
SM_V9_4 Liftoff exon    14554989        14555142        .       -
        .       Parent=Smp_051920.2
SM_V9_4 Liftoff exon    14555247        14555378        .       -
        .       Parent=Smp_051920.2
SM_V9_4 Liftoff exon    14555451        14555588        .       -
        .       Parent=Smp_051920.2
SM_V9_4 Liftoff exon    14555672        14555848        .       -
        .       Parent=Smp_051920.2
SM_V9_4 Liftoff exon    14555898        14556066        .       -
        .       Parent=Smp_051920.2
SM_V9_4 Liftoff CDS     14554586        14554595        .       -
        1       Parent=Smp_051920.2
SM_V9_4 Liftoff CDS     14554989        14555142        .       -
        2       Parent=Smp_051920.2
SM_V9_4 Liftoff CDS     14555247        14555378        .       -
        2       Parent=Smp_051920.2
SM_V9_4 Liftoff CDS     14555451        14555588        .       -
        2       Parent=Smp_051920.2
SM_V9_4 Liftoff CDS     14555672        14555848        .       -
        2       Parent=Smp_051920.2
SM_V9_4 Liftoff CDS     14555898        14555991        .       -
        0       Parent=Smp_051920.2
SM_V9_4 Liftoff gene    14589239        14602710        .       -
        .       ID=Smp_051930;geneID=Smp_051930
SM_V9_4 Liftoff mRNA    14589239        14602710        .       -
        .
ID=Smp_051930.1;Parent=Smp_051930;geneID=Smp_051930;product=Glycopro
tein-N-acetylgalactosamine 3-beta-galactosyltransferase 1
SM_V9_4 Liftoff exon    14589239        14590100        .       -
        .       Parent=Smp_051930.1
SM_V9_4 Liftoff exon    14591307        14591494        .       -
        .       Parent=Smp_051930.1
SM_V9_4 Liftoff exon    14593318        14593459        .       -
        .       Parent=Smp_051930.1
SM_V9_4 Liftoff exon    14598217        14598416        .       -
        .       Parent=Smp_051930.1
SM_V9_4 Liftoff exon    14600035        14600208        .       -
        .       Parent=Smp_051930.1
SM_V9_4 Liftoff exon    14600249        14600408        .       -
        .       Parent=Smp_051930.1
SM_V9_4 Liftoff exon    14600444        14602710        .       -
        .       Parent=Smp_051930.1
SM_V9_4 Liftoff CDS     14589936        14590100        .       -
        0       Parent=Smp_051930.1
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SM_V9_4 Liftoff CDS     14591307        14591494        .       -
        2       Parent=Smp_051930.1
SM_V9_4 Liftoff CDS     14593318        14593459        .       -
        0       Parent=Smp_051930.1
SM_V9_4 Liftoff CDS     14598217        14598416        .       -
        2       Parent=Smp_051930.1
SM_V9_4 Liftoff CDS     14600035        14600208        .       -
        2       Parent=Smp_051930.1
SM_V9_4 Liftoff CDS     14600249        14600408        .       -
        0       Parent=Smp_051930.1
SM_V9_4 Liftoff CDS     14600444        14600488        .       -
        0       Parent=Smp_051930.1
SM_V9_4 iris    gene    14619274        14630775        .       +
        .
ID=Smp_149950;geneID=Smp_149950;gene_name=Smp_149950;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14619274        14630775        .       +
        .
ID=Smp_149950.1;Parent=Smp_149950;geneID=Smp_149950;gene_name=Smp_14
9950;owner=irisadmin@local.host;orig_id=Smp_149950.3;date_last_modif
ied=2022-07-25;Name=Smp_149950.1;product=Bifunctional coenzyme A
synthase;date_creation=2022-07-25
SM_V9_4 iris    exon    14619274        14619303        .       +
        .
Parent=Smp_149950.1;Name=f2151a8b-0d9a-4fae-84ba-80cd1e61faa7
SM_V9_4 iris    exon    14621758        14621958        .       +
        .       Parent=Smp_149950.1;Name=1bd31b0c-8934-48b3-
a805-167f279e66f3
SM_V9_4 iris    exon    14622000        14622174        .       +
        .       Parent=Smp_149950.1;Name=c951c41c-0ed1-4639-
b556-09154f608f90
SM_V9_4 iris    exon    14623327        14623709        .       +
        .       Parent=Smp_149950.1;Name=6a71c664-7d28-42d0-9a20-
f554d61c3461
SM_V9_4 iris    exon    14625930        14626015        .       +
        .
Parent=Smp_149950.1;Name=2b095aeb-3c1d-4001-9a4d-1d033a950b46
SM_V9_4 iris    exon    14628029        14628289        .       +
        .       Parent=Smp_149950.1;Name=298d88d1-
c915-47fa-9f98-0d7f995ce12d
SM_V9_4 iris    exon    14629394        14629691        .       +
        .       Parent=Smp_149950.1;Name=54d71996-bf2b-4c99-
b971-215b0e18a893
SM_V9_4 iris    exon    14630305        14630775        .       +
        .       Parent=Smp_149950.1;Name=343c92c3-579f-4739-8cdb-
fd246be85ca5
SM_V9_4 iris    CDS     14621779        14621958        .       +
        0       Parent=Smp_149950.1
SM_V9_4 iris    CDS     14622000        14622174        .       +
        0       Parent=Smp_149950.1
SM_V9_4 iris    CDS     14623327        14623709        .       +
        2       Parent=Smp_149950.1
SM_V9_4 iris    CDS     14625930        14626015        .       +
        0       Parent=Smp_149950.1
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SM_V9_4 iris    CDS     14628029        14628289        .       +
        1       Parent=Smp_149950.1
SM_V9_4 iris    CDS     14629394        14629691        .       +
        1       Parent=Smp_149950.1
SM_V9_4 iris    CDS     14630305        14630598        .       +
        0       Parent=Smp_149950.1
SM_V9_4 Liftoff gene    14633915        14642440        .       -
        .       ID=Smp_149960;geneID=Smp_149960
SM_V9_4 Liftoff mRNA    14633915        14642440        .       -
        .
ID=Smp_149960.1;Parent=Smp_149960;geneID=Smp_149960;product=Autophag
y-related protein 9A;polypeptide_domain=InterPro:IPR007241
Pfam:PF04109
SM_V9_4 Liftoff exon    14633915        14637457        .       -
        .       Parent=Smp_149960.1
SM_V9_4 Liftoff exon    14642207        14642440        .       -
        .       Parent=Smp_149960.1
SM_V9_4 Liftoff CDS     14634356        14637457        .       -
        0       Parent=Smp_149960.1
SM_V9_4 Liftoff CDS     14642207        14642389        .       -
        0       Parent=Smp_149960.1
SM_V9_4 Liftoff gene    14644182        14658805        .       -
        .
ID=Smp_344280;geneID=Smp_344280;previous_systematic_id=Smp_149970
SM_V9_4 Liftoff mRNA    14644182        14658805        .       -
        .
ID=Smp_344280.1;Parent=Smp_344280;geneID=Smp_344280;product=F-box/
FBD/LRR-repeat protein At5g44980
SM_V9_4 Liftoff exon    14644182        14644561        .       -
        .       Parent=Smp_344280.1
SM_V9_4 Liftoff exon    14646113        14646270        .       -
        .       Parent=Smp_344280.1
SM_V9_4 Liftoff exon    14647787        14647928        .       -
        .       Parent=Smp_344280.1
SM_V9_4 Liftoff exon    14650964        14651016        .       -
        .       Parent=Smp_344280.1
SM_V9_4 Liftoff exon    14651897        14658805        .       -
        .       Parent=Smp_344280.1
SM_V9_4 Liftoff CDS     14644277        14644561        .       -
        0       Parent=Smp_344280.1
SM_V9_4 Liftoff CDS     14646113        14646270        .       -
        2       Parent=Smp_344280.1
SM_V9_4 Liftoff CDS     14647787        14647928        .       -
        0       Parent=Smp_344280.1
SM_V9_4 Liftoff CDS     14650964        14651016        .       -
        2       Parent=Smp_344280.1
SM_V9_4 Liftoff CDS     14651897        14651984        .       -
        0       Parent=Smp_344280.1
SM_V9_4 Liftoff gene    14665184        14711759        .       +
        .       ID=Smp_149980;geneID=Smp_149980
SM_V9_4 Liftoff mRNA    14665184        14711759        .       +
        .
ID=Smp_149980.1;Parent=Smp_149980;geneID=Smp_149980;product=Soluble
guanylate cyclase
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88E;polypeptide_domain=InterPro:IPR001054,IPR011644,IPR011645,IPR024
096,IPR029787
Pfam:PF00211,PF07700,PF07701;Ontology_term=GO:0004383,GO:0006182,GO:
0009190,GO:0016849,GO:0020037,GO:0035556
SM_V9_4 Liftoff exon    14665184        14666099        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14675118        14675387        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14680769        14680823        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14682666        14682795        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14691367        14691496        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14691989        14692135        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14695954        14696100        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14701075        14701237        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14705936        14706033        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14708378        14708470        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff exon    14711185        14711759        .       +
        .       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14665611        14666099        .       +
        0       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14675118        14675387        .       +
        0       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14680769        14680823        .       +
        0       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14682666        14682795        .       +
        2       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14691367        14691496        .       +
        1       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14691989        14692135        .       +
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SM_V9_4 Liftoff CDS     14695954        14696100        .       +
        0       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14701075        14701237        .       +
        0       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14705936        14706033        .       +
        2       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14708378        14708470        .       +
        0       Parent=Smp_149980.1
SM_V9_4 Liftoff CDS     14711185        14711505        .       +
        0       Parent=Smp_149980.1
SM_V9_4 iris    gene    14719465        14802110        .       -
        .
ID=Smp_315730;geneID=Smp_315730;gene_name=Smp_315730;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14719465        14757714        .       -
        .
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ID=Smp_315730.2;Parent=Smp_315730;geneID=Smp_315730;gene_name=Smp_31
5730;owner=irisadmin@local.host;orig_id=Smp_315730.4;date_last_modif
ied=2022-07-25;Name=Smp_315730.2;product=Hillarin;date_creation=2022
-07-25
SM_V9_4 iris    exon    14719465        14721222        .       -
        .       Parent=Smp_315730.2;Name=f3c0434b-
b8c6-4519-937b-0d039859fb8c
SM_V9_4 iris    exon    14722282        14722536        .       -
        .       Parent=Smp_315730.2;Name=bb656a75-6eb3-4582-a0aa-
a55cb7d71afb
SM_V9_4 iris    exon    14724570        14724866        .       -
        .       Parent=Smp_315730.2;Name=bea95dc2-fdad-46db-
a81e-677c777bdf82
SM_V9_4 iris    exon    14726840        14727125        .       -
        .       Parent=Smp_315730.2;Name=62f4be9c-
cef6-4358-9a83-05e8da9ac28f
SM_V9_4 iris    exon    14728720        14728931        .       -
        .       Parent=Smp_315730.2;Name=0c0782d1-3251-4291-8292-
b3350b1dbd69
SM_V9_4 iris    exon    14733186        14733489        .       -
        .       Parent=Smp_315730.2;Name=4efcbf93-1c45-4283-
a5ea-69c5ea64916e
SM_V9_4 iris    exon    14736035        14736297        .       -
        .
Parent=Smp_315730.2;Name=543c4e70-35c6-4450-8eda-7b52af53a945
SM_V9_4 iris    exon    14737143        14737456        .       -
        .       Parent=Smp_315730.2;Name=de758a67-4cab-4427-
a516-3eae5bbe280f
SM_V9_4 iris    exon    14743203        14743290        .       -
        .       Parent=Smp_315730.2;Name=d7e2c569-b5d7-4139-a49b-
f53ab2bb2acd
SM_V9_4 iris    exon    14750733        14750848        .       -
        .       Parent=Smp_315730.2;Name=6019d16e-09e3-4827-
ab4d-407c8765d479
SM_V9_4 iris    exon    14757521        14757714        .       -
        .       Parent=Smp_315730.2;Name=c2f0d577-f03a-4dca-8ca5-
e5c4834c0c2f
SM_V9_4 iris    CDS     14720722        14721222        .       -
        0       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14722282        14722536        .       -
        0       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14724570        14724866        .       -
        0       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14726840        14727125        .       -
        1       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14728720        14728931        .       -
        0       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14733186        14733489        .       -
        1       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14736035        14736297        .       -
        0       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14737143        14737456        .       -
        2       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14743203        14743290        .       -
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        0       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14750733        14750848        .       -
        2       Parent=Smp_315730.2
SM_V9_4 iris    CDS     14757521        14757620        .       -
        0       Parent=Smp_315730.2
SM_V9_4 iris    mRNA    14719465        14802110        .       -
        .
ID=Smp_315730.1;Parent=Smp_315730;geneID=Smp_315730;gene_name=Smp_31
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ied=2022-07-25;Name=Smp_315730.1;product=Hillarin;date_creation=2022
-07-25
SM_V9_4 iris    exon    14719465        14721222        .       -
        .       Parent=Smp_315730.1;Name=bb8befb6-cf18-49a2-959c-
ece948911556
SM_V9_4 iris    exon    14722282        14722536        .       -
        .       Parent=Smp_315730.1;Name=fd00eae0-638a-4d12-
a4b8-1ffabafb6647
SM_V9_4 iris    exon    14724570        14724866        .       -
        .
Parent=Smp_315730.1;Name=6c9d73e7-66d6-4159-9fae-420344abe651
SM_V9_4 iris    exon    14726840        14727125        .       -
        .       Parent=Smp_315730.1;Name=1bf3d68a-0538-46b9-9b85-
e46c5e54a1f2
SM_V9_4 iris    exon    14728720        14728931        .       -
        .       Parent=Smp_315730.1;Name=5b37d764-00a5-44c9-81b7-
aa7a637cfe94
SM_V9_4 iris    exon    14733186        14733489        .       -
        .       Parent=Smp_315730.1;Name=b1cb8c1c-0239-40c1-bbe7-
e8aba94f6dcd
SM_V9_4 iris    exon    14736035        14736297        .       -
        .       Parent=Smp_315730.1;Name=0dc3ca58-
ac69-4745-9476-949f070714c6
SM_V9_4 iris    exon    14737143        14737456        .       -
        .       Parent=Smp_315730.1;Name=8f8f90db-
a455-4330-9160-6b9f26b792d5
SM_V9_4 iris    exon    14743203        14743290        .       -
        .       Parent=Smp_315730.1;Name=7f6978c4-
bb47-45f2-853e-1061f1803aa3
SM_V9_4 iris    exon    14750733        14750848        .       -
        .       Parent=Smp_315730.1;Name=fe0c3f83-
bd41-42af-8a8f-6a1a8b61dd03
SM_V9_4 iris    exon    14768572        14768647        .       -
        .       Parent=Smp_315730.1;Name=83116616-fceb-4163-8e76-
c93436eb2868
SM_V9_4 iris    exon    14782595        14782783        .       -
        .
Parent=Smp_315730.1;Name=8348176e-070a-4f10-9b20-4fcdc9882661
SM_V9_4 iris    exon    14786585        14786952        .       -
        .       Parent=Smp_315730.1;Name=0b08de3c-29b3-49b5-90e5-
a7da7100b550
SM_V9_4 iris    exon    14797273        14797675        .       -
        .       Parent=Smp_315730.1;Name=b1686804-2447-4d11-
bdd5-7ee48111e5d5
SM_V9_4 iris    exon    14798755        14799165        .       -
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        .       Parent=Smp_315730.1;Name=c0a2b566-390d-4bc5-
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SM_V9_4 iris    exon    14801175        14801412        .       -
        .       Parent=Smp_315730.1;Name=7723027c-e90b-408c-a996-
a05e676a1f32
SM_V9_4 iris    exon    14801444        14801670        .       -
        .       Parent=Smp_315730.1;Name=c83c0fa6-55cb-4bd0-9050-
c361752fa04f
SM_V9_4 iris    exon    14801898        14802110        .       -
        .       Parent=Smp_315730.1;Name=574d2752-2e4e-47b6-abff-
b25750152242
SM_V9_4 iris    CDS     14720722        14721222        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14722282        14722536        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14724570        14724866        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14726840        14727125        .       -
        1       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14728720        14728931        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14733186        14733489        .       -
        1       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14736035        14736297        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14737143        14737456        .       -
        2       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14743203        14743290        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14750733        14750848        .       -
        2       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14768572        14768647        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14782595        14782783        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14786585        14786952        .       -
        2       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14797273        14797675        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14798755        14799165        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14801175        14801412        .       -
        1       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14801444        14801670        .       -
        0       Parent=Smp_315730.1
SM_V9_4 iris    CDS     14801898        14802038        .       -
        0       Parent=Smp_315730.1
SM_V9_4 Liftoff gene    14810169        14811014        .       -
        .       ID=Smp_150000;geneID=Smp_150000
SM_V9_4 Liftoff mRNA    14810169        14811014        .       -
        .
ID=Smp_150000.1;Parent=Smp_150000;geneID=Smp_150000;product=Vacuolar
protein sorting-associated protein 13B
SM_V9_4 Liftoff exon    14810169        14811014        .       -
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        .       Parent=Smp_150000.1
SM_V9_4 Liftoff CDS     14810169        14811014        .       -
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SM_V9_4 iris    gene    14814867        14821387        .       +
        .
ID=Smp_344290;geneID=Smp_344290;gene_name=Smp_344290;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14814867        14821387        .       +
        .
ID=Smp_344290.1;Parent=Smp_344290;geneID=Smp_344290;gene_name=Smp_34
4290;owner=irisadmin@local.host;orig_id=Smp_344290.1;date_last_modif
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2;date_creation=2022-07-25
SM_V9_4 iris    exon    14814867        14815002        .       +
        .       Parent=Smp_344290.1;Name=9b9007ef-
b415-4495-9e66-65faf832fe33
SM_V9_4 iris    exon    14816819        14816896        .       +
        .       Parent=Smp_344290.1;Name=eee7ef12-acc3-4c0a-ba77-
cbefb6bb398e
SM_V9_4 iris    exon    14816939        14816972        .       +
        .       Parent=Smp_344290.1;Name=48966765-
c984-4474-873e-6550937a1404
SM_V9_4 iris    exon    14817005        14817117        .       +
        .       Parent=Smp_344290.1;Name=10aafe1b-d552-426f-9465-
b83a214bfa1b
SM_V9_4 iris    exon    14817154        14817279        .       +
        .       Parent=Smp_344290.1;Name=70830e56-cc20-4760-
ae5f-4b3201887ef2
SM_V9_4 iris    exon    14817322        14817406        .       +
        .
Parent=Smp_344290.1;Name=c10ddcd6-21f0-4432-9c43-36dc2be4b273
SM_V9_4 iris    exon    14818467        14818738        .       +
        .       Parent=Smp_344290.1;Name=98f7a4c5-
ea3a-4592-8f0c-7f411baba0d7
SM_V9_4 iris    exon    14819952        14820302        .       +
        .       Parent=Smp_344290.1;Name=6e6b53e4-fd85-49d9-853a-
bc8669c1cd2e
SM_V9_4 iris    exon    14821291        14821387        .       +
        .
Parent=Smp_344290.1;Name=4795f007-1fac-4cda-92c9-1fd3d881cdc8
SM_V9_4 iris    CDS     14816831        14816896        .       +
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SM_V9_4 iris    CDS     14816939        14816972        .       +
        0       Parent=Smp_344290.1
SM_V9_4 iris    CDS     14817005        14817117        .       +
        2       Parent=Smp_344290.1
SM_V9_4 iris    CDS     14817154        14817279        .       +
        0       Parent=Smp_344290.1
SM_V9_4 iris    CDS     14817322        14817406        .       +
        0       Parent=Smp_344290.1
SM_V9_4 iris    CDS     14818467        14818738        .       +
        2       Parent=Smp_344290.1
SM_V9_4 iris    CDS     14819952        14820302        .       +
        0       Parent=Smp_344290.1
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SM_V9_4 iris    CDS     14821291        14821359        .       +
        0       Parent=Smp_344290.1
SM_V9_4 iris    gene    14822331        14843763        .       -
        .
ID=Smp_150020;geneID=Smp_150020;gene_name=Smp_150020;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14822331        14843763        .       -
        .
ID=Smp_150020.1;Parent=Smp_150020;geneID=Smp_150020;gene_name=Smp_15
0020;owner=irisadmin@local.host;orig_id=Smp_150020.1;date_last_modif
ied=2022-07-25;Name=Smp_150020.1;product=Protein Fe65
homolog;date_creation=2022-07-25
SM_V9_4 iris    exon    14822331        14822628        .       -
        .       Parent=Smp_150020.1;Name=157f6603-
cf40-4b81-841e-5064c3402091
SM_V9_4 iris    exon    14823710        14823811        .       -
        .       Parent=Smp_150020.1;Name=1447eae6-a5e2-4135-94e7-
e4172829cadb
SM_V9_4 iris    exon    14826355        14826463        .       -
        .       Parent=Smp_150020.1;Name=23c1ba77-3285-4512-b623-
f7e037e5c1b4
SM_V9_4 iris    exon    14828703        14828779        .       -
        .
Parent=Smp_150020.1;Name=83529e84-2755-4e6e-87a2-8c05b2337026
SM_V9_4 iris    exon    14832790        14832893        .       -
        .       Parent=Smp_150020.1;Name=dcccd80c-
cb1e-4a8f-81e6-4a02ca45e1cd
SM_V9_4 iris    exon    14834363        14834450        .       -
        .       Parent=Smp_150020.1;Name=2d084a6c-16a0-4e8a-ad34-
a428c488a3cc
SM_V9_4 iris    exon    14843594        14843763        .       -
        .
Parent=Smp_150020.1;Name=84c74922-1822-426c-861d-33b7501f066f
SM_V9_4 iris    CDS     14822419        14822628        .       -
        0       Parent=Smp_150020.1
SM_V9_4 iris    CDS     14823710        14823811        .       -
        0       Parent=Smp_150020.1
SM_V9_4 iris    CDS     14826355        14826463        .       -
        1       Parent=Smp_150020.1
SM_V9_4 iris    CDS     14828703        14828779        .       -
        0       Parent=Smp_150020.1
SM_V9_4 iris    CDS     14832790        14832893        .       -
        2       Parent=Smp_150020.1
SM_V9_4 iris    CDS     14834363        14834438        .       -
        0       Parent=Smp_150020.1
SM_V9_4 iris    gene    14980737        14982067        .       -
        .
ID=Smp_150030;geneID=Smp_150030;gene_name=Smp_150030;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    14980737        14982067        .       -
        .
ID=Smp_150030.1;Parent=Smp_150030;geneID=Smp_150030;gene_name=Smp_15
0030;owner=irisadmin@local.host;orig_id=Smp_150030.2;date_last_modif
ied=2022-07-25;Name=Smp_150030.1;product=Hypothetical
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protein;date_creation=2022-07-25
SM_V9_4 iris    exon    14980737        14982067        .       -
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SM_V9_4 iris    CDS     14980921        14981898        .       -
        0       Parent=Smp_150030.1
SM_V9_4 iris    gene    15001845        15008958        .       -
        .
ID=Smp_150040;geneID=Smp_150040;gene_name=Smp_150040;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    15001845        15008958        .       -
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ID=Smp_150040.1;Parent=Smp_150040;geneID=Smp_150040;gene_name=Smp_15
0040;owner=irisadmin@local.host;orig_id=Smp_150040.1;date_last_modif
ied=2022-07-25;Name=Smp_150040.1;product=Cyclin-dependent kinase
7;date_creation=2022-07-25
SM_V9_4 iris    exon    15001845        15002498        .       -
        .       Parent=Smp_150040.1;Name=95cab903-a676-43d7-
abbc-9a11c006fcf0
SM_V9_4 iris    exon    15003115        15003438        .       -
        .
Parent=Smp_150040.1;Name=1bb7fcb1-9272-4256-8d05-865895801325
SM_V9_4 iris    exon    15004666        15004899        .       -
        .       Parent=Smp_150040.1;Name=11c91d7c-2230-4482-b4dd-
c12ed93abf7e
SM_V9_4 iris    exon    15008823        15008958        .       -
        .       Parent=Smp_150040.1;Name=4c2a4ac5-5f60-4f7d-8e1d-
a43c553cd353
SM_V9_4 iris    CDS     15001986        15002498        .       -
        0       Parent=Smp_150040.1
SM_V9_4 iris    CDS     15003115        15003438        .       -
        0       Parent=Smp_150040.1
SM_V9_4 iris    CDS     15004666        15004899        .       -
        0       Parent=Smp_150040.1
SM_V9_4 iris    CDS     15008823        15008957        .       -
        0       Parent=Smp_150040.1
SM_V9_4 Liftoff gene    15009693        15043855        .       -
        .
ID=Smp_312870;geneID=Smp_312870;previous_systematic_id=Smp_150050
SM_V9_4 Liftoff mRNA    15009693        15043855        .       -
        .
ID=Smp_312870.3;Parent=Smp_312870;geneID=Smp_312870;product=General
transcription factor 3C polypeptide
4;polypeptide_domain=InterPro:IPR024764 Pfam:PF12660
SM_V9_4 Liftoff exon    15009693        15009922        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15011503        15011595        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15011992        15012042        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15013850        15014188        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15015660        15015768        .       -
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SM_V9_4 Liftoff exon    15015902        15015947        .       -
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        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15017673        15017941        .       -
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SM_V9_4 Liftoff exon    15018281        15018338        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15019003        15019123        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15021942        15022025        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15023442        15023718        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15025787        15025878        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15028413        15028522        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15029494        15029807        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15036385        15036489        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15039346        15039421        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15040511        15040643        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15040688        15040829        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff exon    15041515        15043855        .       -
        .       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15009840        15009922        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15011503        15011595        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15011992        15012042        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15013850        15014188        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15015660        15015768        .       -
        0       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15015902        15015947        .       -
        1       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15017673        15017941        .       -
        0       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15018281        15018338        .       -
        1       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15019003        15019123        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15021942        15022025        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15023442        15023718        .       -
        0       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15025787        15025878        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15028413        15028522        .       -
        1       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15029494        15029807        .       -
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        0       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15036385        15036489        .       -
        0       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15039346        15039421        .       -
        1       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15040511        15040643        .       -
        2       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15040688        15040829        .       -
        0       Parent=Smp_312870.3
SM_V9_4 Liftoff CDS     15041515        15041649        .       -
        0       Parent=Smp_312870.3
SM_V9_4 Liftoff mRNA    15013178        15043853        .       -
        .
ID=Smp_312870.1;Parent=Smp_312870;geneID=Smp_312870;product=General
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SM_V9_4 Liftoff exon    15013178        15014188        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15015660        15015768        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15015902        15015947        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15017673        15017941        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15018281        15018338        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15019003        15019123        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15021942        15022025        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15023442        15023718        .       -
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SM_V9_4 Liftoff exon    15025787        15025878        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15028413        15028522        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15029494        15029807        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15036385        15036489        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15039346        15039421        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15040511        15040643        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15040688        15040829        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff exon    15041515        15043853        .       -
        .       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15013815        15014188        .       -
        2       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15015660        15015768        .       -
        0       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15015902        15015947        .       -
        1       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15017673        15017941        .       -
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        0       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15018281        15018338        .       -
        1       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15019003        15019123        .       -
        2       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15021942        15022025        .       -
        2       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15023442        15023718        .       -
        0       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15025787        15025878        .       -
        2       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15028413        15028522        .       -
        1       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15029494        15029807        .       -
        0       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15036385        15036489        .       -
        0       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15039346        15039421        .       -
        1       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15040511        15040643        .       -
        2       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15040688        15040829        .       -
        0       Parent=Smp_312870.1
SM_V9_4 Liftoff CDS     15041515        15041649        .       -
        0       Parent=Smp_312870.1
SM_V9_4 Liftoff mRNA    15013178        15043853        .       -
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ID=Smp_312870.2;Parent=Smp_312870;geneID=Smp_312870;product=General
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4;polypeptide_domain=InterPro:IPR024761 Pfam:PF12657
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SM_V9_4 Liftoff exon    15018281        15018338        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15019003        15019123        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15021942        15022025        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15023442        15023718        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15025787        15025878        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15028413        15028522        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15029494        15029807        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15036385        15036489        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15039346        15039421        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15040511        15040643        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff exon    15040688        15040829        .       -
        .       Parent=Smp_312870.2
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SM_V9_4 Liftoff exon    15041515        15043853        .       -
        .       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15015912        15015947        .       -
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SM_V9_4 Liftoff CDS     15018281        15018338        .       -
        1       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15019003        15019123        .       -
        2       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15021942        15022025        .       -
        2       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15023442        15023718        .       -
        0       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15025787        15025878        .       -
        2       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15028413        15028522        .       -
        1       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15029494        15029807        .       -
        0       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15036385        15036489        .       -
        0       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15039346        15039421        .       -
        1       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15040511        15040643        .       -
        2       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15040688        15040829        .       -
        0       Parent=Smp_312870.2
SM_V9_4 Liftoff CDS     15041515        15041649        .       -
        0       Parent=Smp_312870.2
SM_V9_4 iris    gene    15047931        15078668        .       -
        .
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@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    15047931        15078668        .       -
        .
ID=Smp_312880.1;Parent=Smp_312880;geneID=Smp_312880;gene_name=Smp_31
2880;owner=irisadmin@local.host;orig_id=Smp_312880.1;date_last_modif
ied=2022-07-25;Name=Smp_312880.1;product=TBC1 domain family member
9;date_creation=2022-07-25
SM_V9_4 iris    exon    15047931        15049664        .       -
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Parent=Smp_312880.1;Name=1eeabee1-5af8-4a2e-9e4c-71d7e3acda6b
SM_V9_4 iris    exon    15050494        15050988        .       -
        .       Parent=Smp_312880.1;Name=91bba1fc-a58d-45af-
be7d-5566d92b1d17
SM_V9_4 iris    exon    15052212        15052442        .       -
        .       Parent=Smp_312880.1;Name=bb496547-1a58-4e41-
b455-05a3db20e529
SM_V9_4 iris    exon    15053975        15054310        .       -
        .       Parent=Smp_312880.1;Name=9969f285-ee49-4ca4-b5ce-
a6d8510e8aba
SM_V9_4 iris    exon    15056631        15056691        .       -
        .       Parent=Smp_312880.1;Name=c57806d7-0881-495f-
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SM_V9_4 iris    exon    15058139        15058508        .       -
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Parent=Smp_312880.1;Name=91fda2d0-0944-411d-99e3-5d6e6ae0f43e
SM_V9_4 iris    exon    15062845        15063034        .       -
        .       Parent=Smp_312880.1;Name=26facb95-99ae-4778-b9d9-
ec6e2f44eae8
SM_V9_4 iris    exon    15065172        15065398        .       -
        .       Parent=Smp_312880.1;Name=7208b0b3-62e2-49e8-8945-
bae97a2af261
SM_V9_4 iris    exon    15067603        15067709        .       -
        .       Parent=Smp_312880.1;Name=e20b6d80-7cc3-40a0-8520-
c9542a29d2cf
SM_V9_4 iris    exon    15069807        15069886        .       -
        .       Parent=Smp_312880.1;Name=11958a1c-7593-4180-
a58b-8f976ca06f4d
SM_V9_4 iris    exon    15071594        15071704        .       -
        .       Parent=Smp_312880.1;Name=795c30ee-2624-4c7c-
a43b-80535daed9c6
SM_V9_4 iris    exon    15073338        15073539        .       -
        .       Parent=Smp_312880.1;Name=c5125e4e-499e-497d-
a49f-83bdfa6cebf5
SM_V9_4 iris    exon    15074924        15074980        .       -
        .       Parent=Smp_312880.1;Name=a952034b-9b02-4f3f-
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SM_V9_4 iris    exon    15076649        15076725        .       -
        .       Parent=Smp_312880.1;Name=740f86d3-
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SM_V9_4 iris    exon    15078156        15078209        .       -
        .       Parent=Smp_312880.1;Name=20801000-6311-4bd6-
b9c7-019f5672936f
SM_V9_4 iris    exon    15078246        15078373        .       -
        .
Parent=Smp_312880.1;Name=b1ebe92d-23e7-4862-8e64-3ab4d3ed394e
SM_V9_4 iris    exon    15078411        15078478        .       -
        .       Parent=Smp_312880.1;Name=e1e6bfb3-
a43b-4cc3-85b2-0fe338641e37
SM_V9_4 iris    exon    15078512        15078668        .       -
        .       Parent=Smp_312880.1;Name=8987c956-836f-483c-96be-
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SM_V9_4 iris    CDS     15049323        15049664        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15050494        15050988        .       -
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SM_V9_4 iris    CDS     15052212        15052442        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15053975        15054310        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15056631        15056691        .       -
        1       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15058139        15058508        .       -
        2       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15062845        15063034        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15065172        15065398        .       -
        2       Parent=Smp_312880.1
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SM_V9_4 iris    CDS     15067603        15067709        .       -
        1       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15069807        15069886        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15071594        15071704        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15073338        15073539        .       -
        1       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15074924        15074980        .       -
        1       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15076649        15076725        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15078156        15078209        .       -
        0       Parent=Smp_312880.1
SM_V9_4 iris    CDS     15078246        15078326        .       -
        0       Parent=Smp_312880.1
SM_V9_4 Liftoff gene    15168286        15182193        .       -
        .
ID=Smp_334130;geneID=Smp_334130;previous_systematic_id=Smp_150060,Sm
p_176770,Smp_198120
SM_V9_4 Liftoff mRNA    15168286        15182193        .       -
        .
ID=Smp_334130.1;Parent=Smp_334130;geneID=Smp_334130;product=Tripparti
te motif-containing protein
2;polypeptide_domain=InterPro:IPR001258,IPR011042,IPR013017,IPR01378
3,IPR014756,IPR015943,IPR017868
Pfam:PF01436;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    15168286        15169328        .       -
        .       Parent=Smp_334130.1
SM_V9_4 Liftoff exon    15171737        15172285        .       -
        .       Parent=Smp_334130.1
SM_V9_4 Liftoff exon    15180711        15182193        .       -
        .       Parent=Smp_334130.1
SM_V9_4 Liftoff CDS     15169143        15169328        .       -
        0       Parent=Smp_334130.1
SM_V9_4 Liftoff CDS     15171737        15172285        .       -
        0       Parent=Smp_334130.1
SM_V9_4 Liftoff CDS     15180711        15182030        .       -
        0       Parent=Smp_334130.1
SM_V9_4 Liftoff gene    15182287        15201510        .       +
        .       ID=Smp_052060;geneID=Smp_052060
SM_V9_4 Liftoff mRNA    15182287        15201510        .       +
        .
ID=Smp_052060.1;Parent=Smp_052060;geneID=Smp_052060;product=Succinat
e--CoA ligase [ADP/GDP-forming] subunit alpha,
mitochondrial;polypeptide_domain=InterPro:IPR003781,IPR005810,IPR005
811,IPR016040,IPR016102,IPR017440,IPR033847
Pfam:PF00549,PF02629;Ontology_term=GO:0003824,GO:0008152,GO:0048037
SM_V9_4 Liftoff exon    15182287        15186189        .       +
        .       Parent=Smp_052060.1
SM_V9_4 Liftoff exon    15193113        15193271        .       +
        .       Parent=Smp_052060.1
SM_V9_4 Liftoff exon    15195755        15195934        .       +
        .       Parent=Smp_052060.1
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SM_V9_4 Liftoff exon    15197549        15197737        .       +
        .       Parent=Smp_052060.1
SM_V9_4 Liftoff exon    15200950        15201510        .       +
        .       Parent=Smp_052060.1
SM_V9_4 Liftoff CDS     15185701        15186189        .       +
        0       Parent=Smp_052060.1
SM_V9_4 Liftoff CDS     15193113        15193271        .       +
        0       Parent=Smp_052060.1
SM_V9_4 Liftoff CDS     15195755        15195934        .       +
        0       Parent=Smp_052060.1
SM_V9_4 Liftoff CDS     15197549        15197737        .       +
        0       Parent=Smp_052060.1
SM_V9_4 Liftoff CDS     15200950        15200976        .       +
        0       Parent=Smp_052060.1
SM_V9_4 Liftoff gene    15210867        15219033        .       -
        .       ID=Smp_150070;geneID=Smp_150070
SM_V9_4 Liftoff mRNA    15210867        15219033        .       -
        .
ID=Smp_150070.1;Parent=Smp_150070;geneID=Smp_150070;product=F-box
only protein
8;polypeptide_domain=InterPro:IPR000904,IPR001810,IPR023394
Pfam:PF01369,PF12937;Ontology_term=GO:0005086,GO:0005515,GO:0032012
SM_V9_4 Liftoff exon    15210867        15211761        .       -
        .       Parent=Smp_150070.1
SM_V9_4 Liftoff exon    15218040        15218233        .       -
        .       Parent=Smp_150070.1
SM_V9_4 Liftoff exon    15218267        15218385        .       -
        .       Parent=Smp_150070.1
SM_V9_4 Liftoff exon    15218415        15218544        .       -
        .       Parent=Smp_150070.1
SM_V9_4 Liftoff exon    15218574        15218742        .       -
        .       Parent=Smp_150070.1
SM_V9_4 Liftoff exon    15218777        15219033        .       -
        .       Parent=Smp_150070.1
SM_V9_4 Liftoff CDS     15211490        15211761        .       -
        2       Parent=Smp_150070.1
SM_V9_4 Liftoff CDS     15218040        15218233        .       -
        1       Parent=Smp_150070.1
SM_V9_4 Liftoff CDS     15218267        15218385        .       -
        0       Parent=Smp_150070.1
SM_V9_4 Liftoff CDS     15218415        15218544        .       -
        1       Parent=Smp_150070.1
SM_V9_4 Liftoff CDS     15218574        15218742        .       -
        2       Parent=Smp_150070.1
SM_V9_4 Liftoff CDS     15218777        15218819        .       -
        0       Parent=Smp_150070.1
SM_V9_4 Liftoff gene    15231540        15265052        .       +
        .       ID=Smp_150080;geneID=Smp_150080
SM_V9_4 Liftoff mRNA    15231540        15265052        .       +
        .
ID=Smp_150080.1;Parent=Smp_150080;geneID=Smp_150080;product=Protein
groucho;polypeptide_domain=InterPro:IPR001680,IPR005617,IPR009146,IP
R015943,IPR017986,IPR019775
Pfam:PF00400,PF03920;Ontology_term=GO:0005515,GO:0005634,GO:0006355
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SM_V9_4 Liftoff exon    15231540        15231658        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15231699        15231796        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15231828        15231936        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15231969        15232031        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15232066        15232140        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15232175        15232255        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15235726        15236583        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15244571        15245065        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15245874        15245933        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15246765        15247251        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15249074        15249282        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15255424        15255485        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15257980        15258319        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15260037        15260188        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15261537        15261969        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff exon    15263265        15265052        .       +
        .       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15231638        15231658        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15231699        15231796        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15231828        15231936        .       +
        1       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15231969        15232031        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15232066        15232140        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15232175        15232255        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15235726        15236583        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15244571        15245065        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15245874        15245933        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15246765        15247251        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15249074        15249282        .       +
        2       Parent=Smp_150080.1
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SM_V9_4 Liftoff CDS     15255424        15255485        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15257980        15258319        .       +
        1       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15260037        15260188        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15261537        15261969        .       +
        1       Parent=Smp_150080.1
SM_V9_4 Liftoff CDS     15263265        15263372        .       +
        0       Parent=Smp_150080.1
SM_V9_4 Liftoff mRNA    15231540        15265052        .       +
        .
ID=Smp_150080.2;Parent=Smp_150080;geneID=Smp_150080;product=Protein
groucho;polypeptide_domain=InterPro:IPR001680,IPR005617,IPR009146,IP
R015943,IPR017986,IPR019775
Pfam:PF00400,PF03920;Ontology_term=GO:0005515,GO:0005634,GO:0006355
SM_V9_4 Liftoff exon    15231540        15231658        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15231699        15231796        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15231828        15231936        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15231969        15232031        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15232066        15232140        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15232181        15232255        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15235726        15236583        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15244571        15245065        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15245874        15245933        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15246765        15247251        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15249074        15249282        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15255424        15255485        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15257980        15258319        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15260037        15260188        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15261537        15261969        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff exon    15263265        15265052        .       +
        .       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15231638        15231658        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15231699        15231796        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15231828        15231936        .       +
        1       Parent=Smp_150080.2
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SM_V9_4 Liftoff CDS     15231969        15232031        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15232066        15232140        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15232181        15232255        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15235726        15236583        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15244571        15245065        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15245874        15245933        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15246765        15247251        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15249074        15249282        .       +
        2       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15255424        15255485        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15257980        15258319        .       +
        1       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15260037        15260188        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15261537        15261969        .       +
        1       Parent=Smp_150080.2
SM_V9_4 Liftoff CDS     15263265        15263372        .       +
        0       Parent=Smp_150080.2
SM_V9_4 Liftoff mRNA    15231540        15265052        .       +
        .
ID=Smp_150080.3;Parent=Smp_150080;geneID=Smp_150080;product=Protein
groucho;polypeptide_domain=InterPro:IPR001680,IPR005617,IPR009146,IP
R015943,IPR017986,IPR019775
Pfam:PF00400,PF03920;Ontology_term=GO:0005515,GO:0005634,GO:0006355
SM_V9_4 Liftoff exon    15231540        15231658        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15231699        15231796        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15231828        15231936        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15231969        15232031        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15232066        15232140        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15232175        15232255        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15235726        15236583        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15244571        15245065        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15246765        15247251        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15249074        15249282        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15255424        15255485        .       +
        .       Parent=Smp_150080.3
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SM_V9_4 Liftoff exon    15257980        15258319        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15260037        15260188        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15261537        15261969        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff exon    15263265        15265052        .       +
        .       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15231638        15231658        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15231699        15231796        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15231828        15231936        .       +
        1       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15231969        15232031        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15232066        15232140        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15232175        15232255        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15235726        15236583        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15244571        15245065        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15246765        15247251        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15249074        15249282        .       +
        2       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15255424        15255485        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15257980        15258319        .       +
        1       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15260037        15260188        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15261537        15261969        .       +
        1       Parent=Smp_150080.3
SM_V9_4 Liftoff CDS     15263265        15263372        .       +
        0       Parent=Smp_150080.3
SM_V9_4 Liftoff gene    15279051        15279704        .       -
        .       ID=Smp_329300;geneID=Smp_329300
SM_V9_4 Liftoff mRNA    15279051        15279704        .       -
        .
ID=Smp_329300.1;Parent=Smp_329300;geneID=Smp_329300;product=Structur
al polyprotein
SM_V9_4 Liftoff exon    15279051        15279369        .       -
        .       Parent=Smp_329300.1
SM_V9_4 Liftoff exon    15279413        15279704        .       -
        .       Parent=Smp_329300.1
SM_V9_4 Liftoff CDS     15279294        15279369        .       -
        1       Parent=Smp_329300.1
SM_V9_4 Liftoff CDS     15279413        15279510        .       -
        0       Parent=Smp_329300.1
SM_V9_4 Liftoff gene    15289711        15321016        .       -
        .       ID=Smp_150090;geneID=Smp_150090
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SM_V9_4 Liftoff mRNA    15289711        15321016        .       -
        .
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oxylate transporter
14;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_4 Liftoff exon    15289711        15290332        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15291645        15291770        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15294489        15294674        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15295845        15296753        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15299364        15299490        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15303001        15303410        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15305597        15305740        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15312780        15312972        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff exon    15320739        15321016        .       -
        .       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15290115        15290332        .       -
        2       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15291645        15291770        .       -
        2       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15294489        15294674        .       -
        2       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15295845        15296753        .       -
        2       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15299364        15299490        .       -
        0       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15303001        15303410        .       -
        2       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15305597        15305740        .       -
        2       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15312780        15312972        .       -
        0       Parent=Smp_150090.1
SM_V9_4 Liftoff CDS     15320739        15320825        .       -
        0       Parent=Smp_150090.1
SM_V9_4 Liftoff mRNA    15289711        15321016        .       -
        .
ID=Smp_150090.2;Parent=Smp_150090;geneID=Smp_150090;product=Monocarb
oxylate transporter 14;polypeptide_domain=InterPro:IPR020846
SM_V9_4 Liftoff exon    15289711        15290332        .       -
        .       Parent=Smp_150090.2
SM_V9_4 Liftoff exon    15291645        15291770        .       -
        .       Parent=Smp_150090.2
SM_V9_4 Liftoff exon    15294489        15294674        .       -
        .       Parent=Smp_150090.2
SM_V9_4 Liftoff exon    15295845        15296753        .       -
        .       Parent=Smp_150090.2
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SM_V9_4 Liftoff exon    15299364        15299490        .       -
        .       Parent=Smp_150090.2
SM_V9_4 Liftoff exon    15303001        15303410        .       -
        .       Parent=Smp_150090.2
SM_V9_4 Liftoff exon    15312780        15312972        .       -
        .       Parent=Smp_150090.2
SM_V9_4 Liftoff exon    15320739        15321016        .       -
        .       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15290115        15290332        .       -
        2       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15291645        15291770        .       -
        2       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15294489        15294674        .       -
        2       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15295845        15296753        .       -
        2       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15299364        15299490        .       -
        0       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15303001        15303410        .       -
        2       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15312780        15312972        .       -
        0       Parent=Smp_150090.2
SM_V9_4 Liftoff CDS     15320739        15320825        .       -
        0       Parent=Smp_150090.2
SM_V9_4 Liftoff mRNA    15289711        15321016        .       -
        .
ID=Smp_150090.3;Parent=Smp_150090;geneID=Smp_150090;product=Monocarb
oxylate transporter
14;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_4 Liftoff exon    15289711        15290332        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15291645        15291770        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15294489        15294674        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15295845        15296753        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15298657        15298788        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15299364        15299490        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15303001        15303410        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15305597        15305740        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15312780        15312972        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff exon    15320739        15321016        .       -
        .       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15290115        15290332        .       -
        2       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15291645        15291770        .       -
        2       Parent=Smp_150090.3
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SM_V9_4 Liftoff CDS     15294489        15294674        .       -
        2       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15295845        15296753        .       -
        2       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15298657        15298788        .       -
        2       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15299364        15299490        .       -
        0       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15303001        15303410        .       -
        2       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15305597        15305740        .       -
        2       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15312780        15312972        .       -
        0       Parent=Smp_150090.3
SM_V9_4 Liftoff CDS     15320739        15320825        .       -
        0       Parent=Smp_150090.3
SM_V9_4 iris    gene    15326401        15340466        .       -
        .
ID=Smp_052140;geneID=Smp_052140;gene_name=Smp_052140;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    15326401        15340466        .       -
        .
ID=Smp_052140.1;Parent=Smp_052140;geneID=Smp_052140;gene_name=Smp_05
2140;owner=irisadmin@local.host;orig_id=Smp_052140.1;date_last_modif
ied=2022-07-25;Name=Smp_052140.1;product=G patch domain and KOW
motifs-containing protein;date_creation=2022-07-25
SM_V9_4 iris    exon    15326401        15326647        .       -
        .       Parent=Smp_052140.1;Name=ddbc5e6a-6f88-4302-ab72-
bb5e23cb6e96
SM_V9_4 iris    exon    15329951        15330036        .       -
        .       Parent=Smp_052140.1;Name=38405778-13ad-480b-
bdce-8a8a1230a0a0
SM_V9_4 iris    exon    15330091        15330157        .       -
        .       Parent=Smp_052140.1;Name=2582d6c3-0a78-4cf3-9595-
c1ae08f4b26b
SM_V9_4 iris    exon    15330213        15330318        .       -
        .       Parent=Smp_052140.1;Name=45845a05-0eb4-45c8-9895-
eb340e9e143f
SM_V9_4 iris    exon    15332515        15332689        .       -
        .       Parent=Smp_052140.1;Name=9765cb09-1649-4262-b6c1-
f67125b77da3
SM_V9_4 iris    exon    15334250        15334382        .       -
        .       Parent=Smp_052140.1;Name=b212f239-216f-4d99-
a2b1-4454ccff0b61
SM_V9_4 iris    exon    15339625        15339793        .       -
        .       Parent=Smp_052140.1;Name=0b963eb3-5f04-4554-8e91-
aeba96d169d7
SM_V9_4 iris    exon    15339827        15339927        .       -
        .       Parent=Smp_052140.1;Name=31b987e3-ad95-4869-990b-
f44f9afa90be
SM_V9_4 iris    exon    15339960        15340048        .       -
        .       Parent=Smp_052140.1;Name=700b2235-
cefa-4f8b-831f-73eeffbe3022
SM_V9_4 iris    exon    15340082        15340227        .       -
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        .
Parent=Smp_052140.1;Name=5db7b36f-3ac5-4d66-8af0-490db2f795e1
SM_V9_4 iris    exon    15340263        15340466        .       -
        .       Parent=Smp_052140.1;Name=6e562784-
c034-47cc-9d4d-94e59512817c
SM_V9_4 iris    CDS     15326525        15326647        .       -
        0       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15329951        15330036        .       -
        2       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15330091        15330157        .       -
        0       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15330213        15330318        .       -
        1       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15332515        15332689        .       -
        2       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15334250        15334382        .       -
        0       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15339625        15339793        .       -
        1       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15339827        15339927        .       -
        0       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15339960        15340048        .       -
        2       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15340082        15340227        .       -
        1       Parent=Smp_052140.1
SM_V9_4 iris    CDS     15340263        15340417        .       -
        0       Parent=Smp_052140.1
SM_V9_4 Liftoff gene    15344990        15347093        .       +
        .       ID=Smp_052150;geneID=Smp_052150
SM_V9_4 Liftoff mRNA    15344990        15347093        .       +
        .
ID=Smp_052150.1;Parent=Smp_052150;geneID=Smp_052150;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR027996 Pfam:PF14970
SM_V9_4 Liftoff exon    15344990        15347093        .       +
        .       Parent=Smp_052150.1
SM_V9_4 Liftoff CDS     15345014        15346258        .       +
        0       Parent=Smp_052150.1
SM_V9_4 Liftoff gene    15347180        15364283        .       +
        .       ID=Smp_052160;geneID=Smp_052160
SM_V9_4 Liftoff mRNA    15347180        15364283        .       +
        .
ID=Smp_052160.1;Parent=Smp_052160;geneID=Smp_052160;product=Bifuncti
onal protein GlmU
SM_V9_4 Liftoff exon    15347180        15349298        .       +
        .       Parent=Smp_052160.1
SM_V9_4 Liftoff exon    15350347        15350586        .       +
        .       Parent=Smp_052160.1
SM_V9_4 Liftoff exon    15353014        15353457        .       +
        .       Parent=Smp_052160.1
SM_V9_4 Liftoff exon    15353870        15353963        .       +
        .       Parent=Smp_052160.1
SM_V9_4 Liftoff exon    15355537        15355744        .       +
        .       Parent=Smp_052160.1
SM_V9_4 Liftoff exon    15357216        15357294        .       +
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        .       Parent=Smp_052160.1
SM_V9_4 Liftoff exon    15363369        15364283        .       +
        .       Parent=Smp_052160.1
SM_V9_4 Liftoff CDS     15349101        15349298        .       +
        0       Parent=Smp_052160.1
SM_V9_4 Liftoff CDS     15350347        15350586        .       +
        0       Parent=Smp_052160.1
SM_V9_4 Liftoff CDS     15353014        15353457        .       +
        0       Parent=Smp_052160.1
SM_V9_4 Liftoff CDS     15353870        15353963        .       +
        0       Parent=Smp_052160.1
SM_V9_4 Liftoff CDS     15355537        15355744        .       +
        2       Parent=Smp_052160.1
SM_V9_4 Liftoff CDS     15357216        15357294        .       +
        1       Parent=Smp_052160.1
SM_V9_4 Liftoff CDS     15363369        15364004        .       +
        0       Parent=Smp_052160.1
SM_V9_4 Liftoff gene    15373420        15400432        .       +
        .
ID=Smp_312900;geneID=Smp_312900;previous_systematic_id=Smp_150100,Sm
p_150110
SM_V9_4 Liftoff mRNA    15373420        15400432        .       +
        .
ID=Smp_312900.1;Parent=Smp_312900;geneID=Smp_312900;product=C-
terminal-binding protein
1;polypeptide_domain=InterPro:IPR006612,IPR016040
Pfam:PF05485;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    15373420        15375783        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15376313        15377777        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15384185        15384348        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15385789        15385933        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15391698        15392030        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15394380        15394652        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15396601        15396732        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15397900        15398178        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff exon    15399409        15400432        .       +
        .       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15375625        15375783        .       +
        0       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15376313        15377777        .       +
        0       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15384185        15384348        .       +
        2       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15385789        15385933        .       +
        0       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15391698        15392030        .       +
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        2       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15394380        15394652        .       +
        2       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15396601        15396732        .       +
        2       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15397900        15398178        .       +
        2       Parent=Smp_312900.1
SM_V9_4 Liftoff CDS     15399409        15399500        .       +
        2       Parent=Smp_312900.1
SM_V9_4 iris    gene    15421821        15426696        .       -
        .
ID=Smp_150120;geneID=Smp_150120;gene_name=Smp_150120;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    15421821        15426696        .       -
        .
ID=Smp_150120.1;Parent=Smp_150120;geneID=Smp_150120;gene_name=Smp_15
0120;owner=irisadmin@local.host;orig_id=Smp_150120.1;date_last_modif
ied=2022-07-25;Name=Smp_150120.1;product=IQ domain-containing
protein C;date_creation=2022-07-25
SM_V9_4 iris    exon    15421821        15422829        .       -
        .       Parent=Smp_150120.1;Name=ac440a68-fb06-456d-
b338-5186a99dc0c7
SM_V9_4 iris    exon    15422868        15423059        .       -
        .       Parent=Smp_150120.1;Name=f4e11c02-c358-49dc-85f5-
f7788fa3e5cf
SM_V9_4 iris    exon    15426583        15426696        .       -
        .       Parent=Smp_150120.1;Name=f403223e-1d05-42ba-8639-
faea04f0d44c
SM_V9_4 iris    CDS     15422492        15422829        .       -
        2       Parent=Smp_150120.1
SM_V9_4 iris    CDS     15422868        15422886        .       -
        0       Parent=Smp_150120.1
SM_V9_4 Liftoff gene    15432320        15438431        .       +
        .
ID=Smp_301730;geneID=Smp_301730;previous_systematic_id=Smp_150130
SM_V9_4 Liftoff mRNA    15432320        15438431        .       +
        .
ID=Smp_301730.1;Parent=Smp_301730;geneID=Smp_301730;product=Short
coiled-coil protein;polypeptide_domain=InterPro:IPR019357
Pfam:PF10224
SM_V9_4 Liftoff exon    15432320        15436518        .       +
        .       Parent=Smp_301730.1
SM_V9_4 Liftoff exon    15437678        15438431        .       +
        .       Parent=Smp_301730.1
SM_V9_4 Liftoff CDS     15436396        15436518        .       +
        0       Parent=Smp_301730.1
SM_V9_4 Liftoff CDS     15437678        15437878        .       +
        0       Parent=Smp_301730.1
SM_V9_4 iris    gene    15533707        15598766        .       -
        .
ID=Smp_150140;geneID=Smp_150140;gene_name=Smp_150140;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    15533707        15598766        .       -
        .
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ID=Smp_150140.1;Parent=Smp_150140;geneID=Smp_150140;gene_name=Smp_15
0140;owner=irisadmin@local.host;orig_id=Smp_150140.1;date_last_modif
ied=2022-07-25;Name=Smp_150140.1;product=RNA-binding motif, single-
stranded-interacting protein 3;date_creation=2022-07-25
SM_V9_4 iris    exon    15533707        15535956        .       -
        .       Parent=Smp_150140.1;Name=bcb3cc81-5576-4c03-b0dc-
ce6e6b5233fe
SM_V9_4 iris    exon    15542545        15543167        .       -
        .       Parent=Smp_150140.1;Name=f228b218-c362-474f-
b061-7310fc7a70df
SM_V9_4 iris    exon    15544608        15544755        .       -
        .
Parent=Smp_150140.1;Name=fcded080-3ec2-4de5-9bfc-3ee6b650117d
SM_V9_4 iris    exon    15545885        15546038        .       -
        .       Parent=Smp_150140.1;Name=379510f5-360d-4d87-
b1da-21a8a639e2ba
SM_V9_4 iris    exon    15550575        15550672        .       -
        .       Parent=Smp_150140.1;Name=b0e73809-93f6-48c2-983c-
f8f68350b21d
SM_V9_4 iris    exon    15553444        15553573        .       -
        .       Parent=Smp_150140.1;Name=bef57b19-2ad7-48be-
bc7b-418fe4e4f226
SM_V9_4 iris    exon    15554843        15556302        .       -
        .       Parent=Smp_150140.1;Name=2ea84d3d-
b549-4766-8de2-96c9f5b3ab50
SM_V9_4 iris    exon    15565425        15565499        .       -
        .       Parent=Smp_150140.1;Name=49007378-0718-47d0-8966-
bbbf473f809e
SM_V9_4 iris    exon    15572618        15573582        .       -
        .       Parent=Smp_150140.1;Name=edc4d1b8-b915-4083-
a4f7-52acc0133b86
SM_V9_4 iris    exon    15576477        15576844        .       -
        .       Parent=Smp_150140.1;Name=8ca323bd-a82e-441f-
a5da-945a8b1cf0ec
SM_V9_4 iris    exon    15597402        15598766        .       -
        .
Parent=Smp_150140.1;Name=a4b67c40-800c-4c72-9a78-58402212e1a1
SM_V9_4 iris    CDS     15535892        15535956        .       -
        2       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15542545        15543167        .       -
        1       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15544608        15544755        .       -
        2       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15545885        15546038        .       -
        0       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15550575        15550672        .       -
        2       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15553444        15553573        .       -
        0       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15554843        15556302        .       -
        2       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15565425        15565499        .       -
        2       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15572618        15573582        .       -
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        1       Parent=Smp_150140.1
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        0       Parent=Smp_150140.1
SM_V9_4 iris    CDS     15597402        15598238        .       -
        0       Parent=Smp_150140.1
SM_V9_4 Liftoff gene    15725123        15744338        .       +
        .       ID=Smp_052230;geneID=Smp_052230
SM_V9_4 Liftoff mRNA    15725123        15744338        .       +
        .
ID=Smp_052230.1;Parent=Smp_052230;geneID=Smp_052230;product=Papilin;
polypeptide_domain=InterPro:IPR002223
Pfam:PF00014;Ontology_term=GO:0004867
SM_V9_4 Liftoff exon    15725123        15734282        .       +
        .       Parent=Smp_052230.1
SM_V9_4 Liftoff exon    15736212        15736739        .       +
        .       Parent=Smp_052230.1
SM_V9_4 Liftoff exon    15739577        15740007        .       +
        .       Parent=Smp_052230.1
SM_V9_4 Liftoff exon    15742243        15742396        .       +
        .       Parent=Smp_052230.1
SM_V9_4 Liftoff exon    15743546        15744338        .       +
        .       Parent=Smp_052230.1
SM_V9_4 Liftoff CDS     15734237        15734282        .       +
        0       Parent=Smp_052230.1
SM_V9_4 Liftoff CDS     15736212        15736739        .       +
        2       Parent=Smp_052230.1
SM_V9_4 Liftoff CDS     15739577        15740007        .       +
        2       Parent=Smp_052230.1
SM_V9_4 Liftoff CDS     15742243        15742396        .       +
        0       Parent=Smp_052230.1
SM_V9_4 Liftoff CDS     15743546        15743742        .       +
        2       Parent=Smp_052230.1
SM_V9_4 Liftoff gene    15746666        15748839        .       -
        .       ID=Smp_150150;geneID=Smp_150150
SM_V9_4 Liftoff mRNA    15746666        15748839        .       -
        .
ID=Smp_150150.1;Parent=Smp_150150;geneID=Smp_150150;product=Outer
capsid protein P8
SM_V9_4 Liftoff exon    15746666        15748839        .       -
        .       Parent=Smp_150150.1
SM_V9_4 Liftoff CDS     15747066        15748559        .       -
        0       Parent=Smp_150150.1
SM_V9_4 iris    gene    15756123        15761136        .       +
        .
ID=Smp_150160;geneID=Smp_150160;gene_name=Smp_150160;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    15756123        15761136        .       +
        .
ID=Smp_150160.1;Parent=Smp_150160;geneID=Smp_150160;gene_name=Smp_15
0160;owner=irisadmin@local.host;orig_id=Smp_150160.1;date_last_modif
ied=2022-07-25;Name=Smp_150160.1;product=Geranylgeranyl transferase
type-2 subunit beta;date_creation=2022-07-25
SM_V9_4 iris    exon    15756123        15756547        .       +
        .       Parent=Smp_150160.1;Name=4e5c550d-8081-4afc-99fd-
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c645cdc3028d
SM_V9_4 iris    exon    15758654        15759006        .       +
        .       Parent=Smp_150160.1;Name=40223b39-15af-4392-
aeee-451920a7447a
SM_V9_4 iris    exon    15760486        15761136        .       +
        .       Parent=Smp_150160.1;Name=200ba5db-feca-4939-
b2f4-22bda13ca551
SM_V9_4 iris    CDS     15756179        15756547        .       +
        0       Parent=Smp_150160.1
SM_V9_4 iris    CDS     15758654        15759006        .       +
        0       Parent=Smp_150160.1
SM_V9_4 iris    CDS     15760486        15760840        .       +
        1       Parent=Smp_150160.1
SM_V9_4 Liftoff gene    15762930        15846954        .       -
        .
ID=Smp_334140;geneID=Smp_334140;previous_systematic_id=Smp_052250,Sm
p_150170
SM_V9_4 Liftoff mRNA    15762930        15846954        .       -
        .
ID=Smp_334140.1;Parent=Smp_334140;geneID=Smp_334140;product=Ras-
associated and pleckstrin homology domains-containing protein
1;polypeptide_domain=InterPro:IPR000159,IPR001849,IPR011993,IPR02907
1 Pfam:PF00169;Ontology_term=GO:0007165
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SM_V9_4 Liftoff exon    15766805        15766915        .       -
        .       Parent=Smp_334140.1
SM_V9_4 Liftoff exon    15768122        15768274        .       -
        .       Parent=Smp_334140.1
SM_V9_4 Liftoff exon    15770120        15770179        .       -
        .       Parent=Smp_334140.1
SM_V9_4 Liftoff exon    15775438        15775559        .       -
        .       Parent=Smp_334140.1
SM_V9_4 Liftoff exon    15776974        15777133        .       -
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SM_V9_4 Liftoff exon    15787573        15787641        .       -
        .       Parent=Smp_334140.1
SM_V9_4 Liftoff exon    15788177        15788632        .       -
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SM_V9_4 Liftoff exon    15798300        15798400        .       -
        .       Parent=Smp_334140.1
SM_V9_4 Liftoff exon    15821824        15822277        .       -
        .       Parent=Smp_334140.1
SM_V9_4 Liftoff exon    15846272        15846954        .       -
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SM_V9_4 Liftoff CDS     15764063        15764548        .       -
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2;polypeptide_domain=InterPro:IPR000836,IPR005946,IPR029057,IPR02909
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SM_V9_4 Liftoff exon    15911745        15911995        .       -
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SM_V9_4 Liftoff exon    15912732        15912985        .       -
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        2       Parent=Smp_052280.1
SM_V9_4 Liftoff CDS     15913020        15913245        .       -
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3783 Pfam:PF13927
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        .       Parent=Smp_052290.1
SM_V9_4 Liftoff exon    15926503        15926980        .       -
        .       Parent=Smp_052290.1
SM_V9_4 Liftoff exon    15931192        15931310        .       -
        .       Parent=Smp_052290.1
SM_V9_4 Liftoff exon    15933883        15934167        .       -
        .       Parent=Smp_052290.1
SM_V9_4 Liftoff exon    15935374        15935430        .       -
        .       Parent=Smp_052290.1
SM_V9_4 Liftoff exon    15941486        15941848        .       -
        .       Parent=Smp_052290.1
SM_V9_4 Liftoff exon    15974944        15987889        .       -
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SM_V9_4 Liftoff CDS     15923399        15924348        .       -
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SM_V9_4 Liftoff CDS     15926503        15926980        .       -
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SM_V9_4 Liftoff CDS     15933883        15934167        .       -
        2       Parent=Smp_052290.1
SM_V9_4 Liftoff CDS     15935374        15935430        .       -
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SM_V9_4 Liftoff CDS     15941486        15941848        .       -
        2       Parent=Smp_052290.1
SM_V9_4 Liftoff CDS     15974944        15975019        .       -
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SM_V9_4 iris    gene    16102090        16172959        .       -
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SM_V9_4 iris    mRNA    16102090        16172959        .       -
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2910;owner=irisadmin@local.host;orig_id=Smp_312910.1;date_last_modif
ied=2022-07-25;Name=Smp_312910.1;product=Hypothetical
protein;date_creation=2022-07-25
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SM_V9_4 iris    exon    16108428        16108604        .       -
        .
Parent=Smp_312910.1;Name=ea830f89-1bba-415e-88e9-4ff8f1857d6d
SM_V9_4 iris    exon    16119911        16120236        .       -
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bd21-2ea0043cb469
SM_V9_4 iris    exon    16123641        16124329        .       -
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SM_V9_4 iris    exon    16145016        16145417        .       -
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SM_V9_4 iris    exon    16156116        16156202        .       -
        .       Parent=Smp_312910.1;Name=c9e527f7-282d-48fc-9835-
f675a42ec145
SM_V9_4 iris    exon    16165493        16167653        .       -
        .       Parent=Smp_312910.1;Name=51543dcf-8b7f-49bd-a400-
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SM_V9_4 iris    exon    16169207        16169468        .       -
        .       Parent=Smp_312910.1;Name=8101d586-6941-4cbd-
ba3b-0806007f9c8e
SM_V9_4 iris    exon    16172880        16172959        .       -
        .
Parent=Smp_312910.1;Name=04a386a8-0b4e-4860-9b30-93534647a2c1
SM_V9_4 iris    CDS     16102899        16103277        .       -
        1       Parent=Smp_312910.1
SM_V9_4 iris    CDS     16108428        16108604        .       -
        1       Parent=Smp_312910.1
SM_V9_4 iris    CDS     16119911        16120236        .       -
        0       Parent=Smp_312910.1
SM_V9_4 iris    CDS     16123641        16124329        .       -
        2       Parent=Smp_312910.1
SM_V9_4 iris    CDS     16145016        16145417        .       -
        2       Parent=Smp_312910.1
SM_V9_4 iris    CDS     16156116        16156202        .       -
        2       Parent=Smp_312910.1
SM_V9_4 iris    CDS     16165493        16167653        .       -
        0       Parent=Smp_312910.1
SM_V9_4 iris    CDS     16169207        16169461        .       -
        0       Parent=Smp_312910.1
SM_V9_4 iris    gene    16183665        16187042        .       +
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ied=2022-07-25;Name=Smp_104860.1;product=Ribonuclease P protein
subunit p30;date_creation=2022-07-25
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        .       Parent=Smp_104860.1;Name=4cdd7da6-d57b-46b5-acd4-
b8fd4e225bad
SM_V9_4 iris    exon    16185659        16187042        .       +
        .       Parent=Smp_104860.1;Name=adf747c4-f20d-476e-
b6c9-3696f5f6f416
SM_V9_4 iris    CDS     16185733        16186719        .       +
        0       Parent=Smp_104860.1
SM_V9_4 iris    gene    16187050        16198781        .       -
        .
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@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    16187050        16198781        .       -
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ied=2022-07-25;Name=Smp_104870.1;product=Pleiotropic regulator
1;date_creation=2022-07-25
SM_V9_4 iris    exon    16187050        16187179        .       -
        .       Parent=Smp_104870.1;Name=212b5b3c-f795-40ea-
bed4-1096ef60130f
SM_V9_4 iris    exon    16188190        16188383        .       -
        .
Parent=Smp_104870.1;Name=78e9610a-5b31-47d0-8eb6-4bec6ab8f837
SM_V9_4 iris    exon    16188551        16188690        .       -
        .       Parent=Smp_104870.1;Name=5454be95-
f3f7-4e62-97c2-613871af28ee
SM_V9_4 iris    exon    16189164        16189354        .       -
        .       Parent=Smp_104870.1;Name=94e6f237-
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SM_V9_4 iris    exon    16195458        16195580        .       -
        .       Parent=Smp_104870.1;Name=2a74bd99-ea2b-429b-
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SM_V9_4 iris    exon    16195619        16195768        .       -
        .       Parent=Smp_104870.1;Name=9430884a-6a48-4731-
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SM_V9_4 iris    exon    16195809        16195901        .       -
        .       Parent=Smp_104870.1;Name=3d167f03-d852-42a1-
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SM_V9_4 iris    exon    16195940        16196057        .       -
        .       Parent=Smp_104870.1;Name=5a0be023-092c-4e77-
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SM_V9_4 iris    exon    16196094        16196151        .       -
        .
Parent=Smp_104870.1;Name=d6f35c8e-5c81-478b-8108-90cf8f81570d
SM_V9_4 iris    exon    16196182        16196270        .       -
        .       Parent=Smp_104870.1;Name=6fb2bd61-406c-4af5-884c-
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SM_V9_4 iris    exon    16196305        16196411        .       -
        .
Parent=Smp_104870.1;Name=adb2638b-8bfa-4069-88f4-5a4abe11b5d5
SM_V9_4 iris    exon    16196452        16196471        .       -
        .       Parent=Smp_104870.1;Name=90836465-8a14-46cc-
a385-885f726b5230
SM_V9_4 iris    exon    16198721        16198781        .       -
        .       Parent=Smp_104870.1;Name=b88902d5-60f3-4deb-b13f-
bd1561524865
SM_V9_4 iris    CDS     16187120        16187179        .       -
        0       Parent=Smp_104870.1
SM_V9_4 iris    CDS     16188190        16188383        .       -
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SM_V9_4 iris    CDS     16188551        16188690        .       -
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SM_V9_4 iris    CDS     16189164        16189354        .       -
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SM_V9_4 iris    CDS     16196094        16196151        .       -
        2       Parent=Smp_104870.1
SM_V9_4 iris    CDS     16196182        16196270        .       -
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SM_V9_4 iris    CDS     16196305        16196411        .       -
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SM_V9_4 iris    CDS     16196452        16196457        .       -
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        .
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p_180730
SM_V9_4 Liftoff mRNA    16244263        16319001        .       +
        .
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2;polypeptide_domain=InterPro:IPR003599,IPR007110,IPR013783
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SM_V9_4 Liftoff exon    16262703        16263373        .       +
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SM_V9_4 Liftoff exon    16285579        16285927        .       +
        .       Parent=Smp_334150.1
SM_V9_4 Liftoff exon    16290142        16290180        .       +
        .       Parent=Smp_334150.1
SM_V9_4 Liftoff exon    16307816        16308286        .       +
        .       Parent=Smp_334150.1
SM_V9_4 Liftoff exon    16313234        16313428        .       +
        .       Parent=Smp_334150.1
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SM_V9_4 Liftoff CDS     16244979        16245072        .       +
        0       Parent=Smp_334150.1
SM_V9_4 Liftoff CDS     16262703        16263373        .       +
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SM_V9_4 Liftoff CDS     16285579        16285927        .       +
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SM_V9_4 Liftoff CDS     16290142        16290180        .       +
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SM_V9_4 Liftoff CDS     16307816        16308286        .       +
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SM_V9_4 Liftoff CDS     16313234        16313428        .       +
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        .       Parent=Smp_120640.1
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        .       Parent=Smp_120640.1
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        .       Parent=Smp_120640.1
SM_V9_4 Liftoff exon    16356753        16356856        .       -
        .       Parent=Smp_120640.1
SM_V9_4 Liftoff exon    16356903        16356977        .       -
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SM_V9_4 Liftoff exon    16357020        16357100        .       -
        .       Parent=Smp_120640.1
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SM_V9_4 Liftoff CDS     16351774        16352026        .       -
        2       Parent=Smp_120640.1
SM_V9_4 Liftoff CDS     16355941        16356354        .       -
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SM_V9_4 Liftoff CDS     16356357        16356473        .       -
        2       Parent=Smp_120640.1
SM_V9_4 Liftoff CDS     16356512        16356717        .       -
        1       Parent=Smp_120640.1
SM_V9_4 Liftoff CDS     16356753        16356856        .       -
        0       Parent=Smp_120640.1
SM_V9_4 Liftoff CDS     16356903        16356977        .       -
        0       Parent=Smp_120640.1
SM_V9_4 Liftoff CDS     16357020        16357100        .       -
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SM_V9_4 Liftoff CDS     16357135        16357194        .       -
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SM_V9_4 iris    gene    16371856        16397086        .       -
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SM_V9_4 iris    mRNA    16371856        16397086        .       -
        .
ID=Smp_346830.1;Parent=Smp_346830;geneID=Smp_346830;gene_name=Smp_34
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protein;date_creation=2022-07-25
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SM_V9_4 iris    exon    16379418        16379846        .       -
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SM_V9_4 iris    exon    16381612        16381730        .       -
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SM_V9_4 iris    exon    16388612        16388735        .       -
        .
Parent=Smp_346830.1;Name=518e55f0-64be-4d1d-95eb-1e3af7639a50
SM_V9_4 iris    exon    16390852        16391444        .       -
        .       Parent=Smp_346830.1;Name=20f23d95-8e6c-438d-95e5-
e58b21a84080
SM_V9_4 iris    exon    16395017        16395095        .       -
        .       Parent=Smp_346830.1;Name=9fb388af-e82e-4b13-a828-
f04d58923f57
SM_V9_4 iris    exon    16396998        16397086        .       -
        .       Parent=Smp_346830.1;Name=867f00ff-a4e4-4056-a4c6-
c823e3bd7874
SM_V9_4 iris    CDS     16373190        16373438        .       -
        0       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16374027        16374313        .       -
        2       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16377565        16378204        .       -
        0       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16379418        16379846        .       -
        0       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16381612        16381730        .       -
        2       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16383969        16383993        .       -
        0       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16385451        16385557        .       -
        2       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16388612        16388735        .       -
        0       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16390852        16391444        .       -
        2       Parent=Smp_346830.1
SM_V9_4 iris    CDS     16395017        16395059        .       -
        0       Parent=Smp_346830.1
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SM_V9_4 Liftoff gene    16422533        16423120        .       +
        .       ID=Smp_119920;geneID=Smp_119920
SM_V9_4 Liftoff mRNA    16422533        16423120        .       +
        .
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ribosomal protein
S16;polypeptide_domain=InterPro:IPR000754,IPR014721,IPR020568,IPR020
574 Pfam:PF00380;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_4 Liftoff exon    16422533        16422663        .       +
        .       Parent=Smp_119920.1
SM_V9_4 Liftoff exon    16422699        16423120        .       +
        .       Parent=Smp_119920.1
SM_V9_4 Liftoff CDS     16422601        16422663        .       +
        0       Parent=Smp_119920.1
SM_V9_4 Liftoff CDS     16422699        16423091        .       +
        0       Parent=Smp_119920.1
SM_V9_4 Liftoff gene    16425766        16443332        .       -
        .
ID=Smp_334160;geneID=Smp_334160;previous_systematic_id=Smp_119910,Sm
p_149260,Smp_193330
SM_V9_4 Liftoff mRNA    16425766        16443332        .       -
        .
ID=Smp_334160.1;Parent=Smp_334160;geneID=Smp_334160;product=Kinesin-
like protein
KIF11;polypeptide_domain=InterPro:IPR001752,IPR019821,IPR025901,IPR0
27417
Pfam:PF00225,PF13931;Ontology_term=GO:0003777,GO:0005524,GO:0007018,
GO:0008017
SM_V9_4 Liftoff exon    16425766        16426086        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16427792        16427833        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16428253        16428615        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16428710        16429174        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16430377        16430430        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16431192        16431356        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16431666        16431925        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16434444        16434765        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16437052        16437196        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16441235        16441530        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16442197        16442736        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16442772        16442913        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff exon    16442947        16443156        .       -
        .       Parent=Smp_334160.1
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SM_V9_4 Liftoff exon    16443194        16443332        .       -
        .       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16425961        16426086        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16427792        16427833        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16428253        16428615        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16428710        16429174        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16430377        16430430        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16431192        16431356        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16431666        16431925        .       -
        2       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16434444        16434765        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16437052        16437196        .       -
        1       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16441235        16441530        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16442197        16442736        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16442772        16442913        .       -
        1       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16442947        16443156        .       -
        1       Parent=Smp_334160.1
SM_V9_4 Liftoff CDS     16443194        16443243        .       -
        0       Parent=Smp_334160.1
SM_V9_4 Liftoff mRNA    16425766        16443332        .       -
        .
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KIF11;polypeptide_domain=InterPro:IPR001752,IPR019821,IPR025901,IPR0
27417
Pfam:PF00225,PF13931;Ontology_term=GO:0003777,GO:0005524,GO:0007018,
GO:0008017
SM_V9_4 Liftoff exon    16425766        16426086        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16427792        16427833        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16428253        16428615        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16428710        16429174        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16430377        16430430        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16431192        16431356        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16431666        16431925        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16434444        16434765        .       -
        .       Parent=Smp_334160.2
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SM_V9_4 Liftoff exon    16437052        16437196        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16439135        16439430        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16441175        16441199        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16441235        16441530        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16442197        16442736        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16442772        16442913        .       -
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SM_V9_4 Liftoff exon    16442947        16443156        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff exon    16443194        16443332        .       -
        .       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16425961        16426086        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16427792        16427833        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16428253        16428615        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16428710        16429174        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16430377        16430430        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16431192        16431356        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16431666        16431925        .       -
        2       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16434444        16434765        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16437052        16437196        .       -
        1       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16439135        16439430        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16441175        16441199        .       -
        1       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16441235        16441530        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16442197        16442736        .       -
        0       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16442772        16442913        .       -
        1       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16442947        16443156        .       -
        1       Parent=Smp_334160.2
SM_V9_4 Liftoff CDS     16443194        16443243        .       -
        0       Parent=Smp_334160.2
SM_V9_4 iris    gene    16450094        16495738        .       -
        .
ID=Smp_312920;geneID=Smp_312920;gene_name=Smp_312920;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    16450094        16495738        .       -
        .
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ID=Smp_312920.1;Parent=Smp_312920;geneID=Smp_312920;gene_name=Smp_31
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ied=2022-07-25;Name=Smp_312920.1;product=Extended
synaptotagmin-2;date_creation=2022-07-25
SM_V9_4 iris    exon    16450094        16450585        .       -
        .       Parent=Smp_312920.1;Name=d06221d1-3f19-4052-8840-
dda217073c90
SM_V9_4 iris    exon    16452171        16452332        .       -
        .       Parent=Smp_312920.1;Name=11ae3f44-
a36e-4ef5-9cc4-3eafed0851e6
SM_V9_4 iris    exon    16456157        16456297        .       -
        .       Parent=Smp_312920.1;Name=9c10ec22-b2d8-48db-82c2-
ffb9a8cded4d
SM_V9_4 iris    exon    16459170        16459357        .       -
        .       Parent=Smp_312920.1;Name=53ab2bd1-de2e-4df5-
a945-56678d78b4a0
SM_V9_4 iris    exon    16460860        16461033        .       -
        .       Parent=Smp_312920.1;Name=c1185e3d-0f47-427d-a667-
ce2bf7e6add7
SM_V9_4 iris    exon    16466300        16466452        .       -
        .       Parent=Smp_312920.1;Name=f7b90b51-80a2-4017-
b79a-0b4072019f09
SM_V9_4 iris    exon    16467392        16467531        .       -
        .
Parent=Smp_312920.1;Name=b60e70df-9603-4d93-9f49-35630492de9a
SM_V9_4 iris    exon    16467534        16467549        .       -
        .
Parent=Smp_312920.1;Name=c452a1e7-4747-4553-982c-49fc9c0c9f6d
SM_V9_4 iris    exon    16469240        16469335        .       -
        .       Parent=Smp_312920.1;Name=bd325334-c77e-4452-9519-
e30d65046449
SM_V9_4 iris    exon    16476031        16476120        .       -
        .
Parent=Smp_312920.1;Name=ad13481f-849c-4eea-9fa6-75fdf2143319
SM_V9_4 iris    exon    16478898        16478946        .       -
        .       Parent=Smp_312920.1;Name=93635eab-fce1-4180-9287-
cb4dd73d2aec
SM_V9_4 iris    exon    16481350        16481435        .       -
        .       Parent=Smp_312920.1;Name=215a8a4c-9cf2-4711-
b82c-6ee80401bbf3
SM_V9_4 iris    exon    16486793        16486863        .       -
        .       Parent=Smp_312920.1;Name=0ff78997-b540-49b5-99d2-
cf37017e4aa6
SM_V9_4 iris    exon    16488014        16488113        .       -
        .       Parent=Smp_312920.1;Name=2852b4f6-30ba-43c3-9c1d-
a5f20a47f2f0
SM_V9_4 iris    exon    16488778        16488898        .       -
        .       Parent=Smp_312920.1;Name=caa4bf76-428d-4d6e-bce5-
e3e4fecc818c
SM_V9_4 iris    exon    16490920        16490975        .       -
        .       Parent=Smp_312920.1;Name=19b7e295-1b88-48bb-a93a-
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SM_V9_4 iris    exon    16492977        16493066        .       -
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Parent=Smp_312920.1;Name=ec6f415e-27e1-45c4-9688-4308d82bb2a6
SM_V9_4 iris    exon    16494934        16495000        .       -
        .
Parent=Smp_312920.1;Name=b3fec77c-483b-4776-9e41-8c6fbbb74e0a
SM_V9_4 iris    exon    16495032        16495111        .       -
        .       Parent=Smp_312920.1;Name=75afd3ce-ba17-4819-bd9b-
bace5be721d9
SM_V9_4 iris    exon    16495145        16495282        .       -
        .       Parent=Smp_312920.1;Name=adf55ddb-eb57-4a8c-a2c6-
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SM_V9_4 iris    exon    16495316        16495357        .       -
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Parent=Smp_312920.1;Name=833e346f-9385-402d-9964-883002cf265b
SM_V9_4 iris    exon    16495407        16495738        .       -
        .       Parent=Smp_312920.1;Name=2927cc43-
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SM_V9_4 iris    CDS     16450552        16450585        .       -
        1       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16452171        16452332        .       -
        1       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16456157        16456297        .       -
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SM_V9_4 iris    CDS     16459170        16459357        .       -
        0       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16460860        16461033        .       -
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SM_V9_4 iris    CDS     16466300        16466452        .       -
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SM_V9_4 iris    CDS     16467392        16467531        .       -
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SM_V9_4 iris    CDS     16467534        16467549        .       -
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SM_V9_4 iris    CDS     16469240        16469335        .       -
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SM_V9_4 iris    CDS     16476031        16476120        .       -
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SM_V9_4 iris    CDS     16481350        16481435        .       -
        0       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16486793        16486863        .       -
        2       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16488014        16488113        .       -
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SM_V9_4 iris    CDS     16488778        16488898        .       -
        1       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16490920        16490975        .       -
        0       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16492977        16493066        .       -
        0       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16494934        16495000        .       -
        1       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16495032        16495111        .       -
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SM_V9_4 iris    CDS     16495145        16495282        .       -
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        0       Parent=Smp_312920.1
SM_V9_4 iris    CDS     16495407        16495700        .       -
        0       Parent=Smp_312920.1
SM_V9_4 iris    gene    16575932        16609877        .       +
        .
ID=Smp_344180;geneID=Smp_344180;gene_name=Smp_344180;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    16575932        16609877        .       +
        .
ID=Smp_344180.1;Parent=Smp_344180;geneID=Smp_344180;gene_name=Smp_34
4180;owner=irisadmin@local.host;orig_id=Smp_344180.1;date_last_modif
ied=2022-07-24;Name=Smp_344180.1;product=Dickkopf-related protein
3;date_creation=2022-07-24
SM_V9_4 iris    exon    16575932        16576095        .       +
        .
Parent=Smp_344180.1;Name=077cf8dd-483c-459e-8969-594cfe37980e
SM_V9_4 iris    exon    16583934        16584400        .       +
        .       Parent=Smp_344180.1;Name=3f1ef9e9-96d2-478b-926e-
a28701a09309
SM_V9_4 iris    exon    16585704        16585955        .       +
        .       Parent=Smp_344180.1;Name=a8ef24f2-9a54-468d-
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SM_V9_4 iris    exon    16589005        16589317        .       +
        .       Parent=Smp_344180.1;Name=99333846-682f-4932-9301-
bfd69e36b570
SM_V9_4 iris    exon    16592021        16592160        .       +
        .       Parent=Smp_344180.1;Name=2f5d2cc6-42b3-4355-9ddb-
b629b8717471
SM_V9_4 iris    exon    16595280        16595537        .       +
        .       Parent=Smp_344180.1;Name=bc71a5a1-
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SM_V9_4 iris    exon    16597799        16598132        .       +
        .
Parent=Smp_344180.1;Name=dee7a03b-14a7-4d07-9b42-83697330b13a
SM_V9_4 iris    exon    16599599        16599816        .       +
        .       Parent=Smp_344180.1;Name=22c781a2-2e6c-4ccc-
bc49-7c62fb5f819d
SM_V9_4 iris    exon    16601281        16601334        .       +
        .
Parent=Smp_344180.1;Name=305b10f1-7b03-45f8-9923-6bd2f9f8f07e
SM_V9_4 iris    exon    16605070        16605438        .       +
        .       Parent=Smp_344180.1;Name=bc0d7999-aed1-4603-9d7d-
e12e055f308f
SM_V9_4 iris    exon    16606770        16607093        .       +
        .
Parent=Smp_344180.1;Name=75e87b96-85a4-4098-9e58-96a2c56536b3
SM_V9_4 iris    exon    16608358        16609877        .       +
        .       Parent=Smp_344180.1;Name=e24065f1-4006-44aa-819f-
b4d33e946a71
SM_V9_4 iris    CDS     16584037        16584400        .       +
        0       Parent=Smp_344180.1
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        2       Parent=Smp_344180.1
SM_V9_4 iris    CDS     16592021        16592160        .       +
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SM_V9_4 iris    CDS     16595280        16595537        .       +
        2       Parent=Smp_344180.1
SM_V9_4 iris    CDS     16597799        16598132        .       +
        2       Parent=Smp_344180.1
SM_V9_4 iris    CDS     16599599        16599816        .       +
        1       Parent=Smp_344180.1
SM_V9_4 iris    CDS     16601281        16601334        .       +
        2       Parent=Smp_344180.1
SM_V9_4 iris    CDS     16605070        16605438        .       +
        2       Parent=Smp_344180.1
SM_V9_4 iris    CDS     16606770        16607093        .       +
        2       Parent=Smp_344180.1
SM_V9_4 iris    CDS     16608358        16608368        .       +
        2       Parent=Smp_344180.1
SM_V9_4 iris    gene    16678886        16772708        .       -
        .
ID=Smp_315840;geneID=Smp_315840;gene_name=Smp_315840;owner=irisadmin
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SM_V9_4 iris    mRNA    16678886        16772708        .       -
        .
ID=Smp_315840.1;Parent=Smp_315840;geneID=Smp_315840;gene_name=Smp_31
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substrate of 220 kDa;date_creation=2022-07-24
SM_V9_4 iris    exon    16678886        16682092        .       -
        .       Parent=Smp_315840.1;Name=30dc54bc-ffcf-4277-aef9-
b5eb33cf499c
SM_V9_4 iris    exon    16683409        16683734        .       -
        .       Parent=Smp_315840.1;Name=85e824fa-753e-4c46-b9bf-
e72108c885d7
SM_V9_4 iris    exon    16686714        16686897        .       -
        .       Parent=Smp_315840.1;Name=57b6b8d0-d9b8-4dc6-
a97b-46d7c4c9a918
SM_V9_4 iris    exon    16690375        16690571        .       -
        .       Parent=Smp_315840.1;Name=dc600bd2-cc92-4fd2-9624-
e232584db65c
SM_V9_4 iris    exon    16694869        16695124        .       -
        .       Parent=Smp_315840.1;Name=168da56c-f229-4a7c-
ad2c-53360ec3d0ab
SM_V9_4 iris    exon    16698970        16699299        .       -
        .       Parent=Smp_315840.1;Name=978d705b-68cb-4838-
a8db-2b0016f72c06
SM_V9_4 iris    exon    16713276        16713910        .       -
        .       Parent=Smp_315840.1;Name=4a34d22f-7415-44bb-
a0d1-0eefdf870966
SM_V9_4 iris    exon    16716793        16716935        .       -
        .       Parent=Smp_315840.1;Name=ff4756d5-6efb-4e42-
bee2-2f289afee873
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SM_V9_4 iris    exon    16720249        16720399        .       -
        .       Parent=Smp_315840.1;Name=0dfb7081-
b7f6-42b6-8ac4-83b98bd45b84
SM_V9_4 iris    exon    16743790        16743969        .       -
        .       Parent=Smp_315840.1;Name=fb85b6c5-5ee8-40b5-
ab51-6ec32b01b187
SM_V9_4 iris    exon    16746948        16747115        .       -
        .       Parent=Smp_315840.1;Name=1b6b76b4-3852-4c7a-bf5f-
efc51f6ff730
SM_V9_4 iris    exon    16749812        16750224        .       -
        .       Parent=Smp_315840.1;Name=f7396856-b874-4a6f-
a8b6-33a241ddc9fc
SM_V9_4 iris    exon    16772148        16772708        .       -
        .       Parent=Smp_315840.1;Name=2dca5f89-0971-4a14-
b93d-3c82b73d377f
SM_V9_4 iris    CDS     16679924        16682092        .       -
        0       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16683409        16683734        .       -
        2       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16686714        16686897        .       -
        0       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16690375        16690571        .       -
        2       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16694869        16695124        .       -
        0       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16698970        16699299        .       -
        0       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16713276        16713910        .       -
        2       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16716793        16716935        .       -
        1       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16720249        16720399        .       -
        2       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16743790        16743969        .       -
        2       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16746948        16747115        .       -
        2       Parent=Smp_315840.1
SM_V9_4 iris    CDS     16749812        16749959        .       -
        0       Parent=Smp_315840.1
SM_V9_4 iris    gene    16848593        16863668        .       -
        .
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@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    16848593        16863668        .       -
        .
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0700;owner=irisadmin@local.host;orig_id=Smp_050700.1;date_last_modif
ied=2022-07-24;Name=Smp_050700.1;product=39S ribosomal protein L38,
mitochondrial;date_creation=2022-07-24
SM_V9_4 iris    exon    16848593        16849062        .       -
        .       Parent=Smp_050700.1;Name=983a94b8-33f4-42df-
aa20-0e32337aa1b7
SM_V9_4 iris    exon    16849865        16850001        .       -
        .       Parent=Smp_050700.1;Name=d2659ef4-3ce2-4c82-8d20-
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e7573e961252
SM_V9_4 iris    exon    16851281        16851457        .       -
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c8027fb07c98
SM_V9_4 iris    exon    16852594        16852721        .       -
        .
Parent=Smp_050700.1;Name=22fa951a-44da-48d6-99d7-9a33b391ecc4
SM_V9_4 iris    exon    16855378        16855772        .       -
        .       Parent=Smp_050700.1;Name=aa544d07-3b35-4b35-
a4cc-24c3020aebba
SM_V9_4 iris    exon    16857616        16857883        .       -
        .       Parent=Smp_050700.1;Name=77f4b694-608a-4491-
bc3b-9ddef11d8e8e
SM_V9_4 iris    exon    16863564        16863668        .       -
        .       Parent=Smp_050700.1;Name=c5446f75-c1f8-4ef5-
bac4-3f2593cf02c2
SM_V9_4 iris    CDS     16848671        16849062        .       -
        2       Parent=Smp_050700.1
SM_V9_4 iris    CDS     16849865        16850001        .       -
        1       Parent=Smp_050700.1
SM_V9_4 iris    CDS     16851281        16851457        .       -
        1       Parent=Smp_050700.1
SM_V9_4 iris    CDS     16852594        16852721        .       -
        0       Parent=Smp_050700.1
SM_V9_4 iris    CDS     16855378        16855772        .       -
        2       Parent=Smp_050700.1
SM_V9_4 iris    CDS     16857616        16857787        .       -
        0       Parent=Smp_050700.1
SM_V9_4 iris    gene    16869932        16888570        .       +
        .
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SM_V9_4 iris    mRNA    16869932        16888570        .       +
        .
ID=Smp_149300.1;Parent=Smp_149300;geneID=Smp_149300;gene_name=Smp_14
9300;owner=irisadmin@local.host;orig_id=Smp_149300.1;date_last_modif
ied=2022-07-24;Name=Smp_149300.1;product=Protein
SWAP;date_creation=2022-07-24
SM_V9_4 iris    exon    16869932        16870112        .       +
        .       Parent=Smp_149300.1;Name=7a686af0-2541-4e59-
af7e-0d6a6da8d189
SM_V9_4 iris    exon    16872014        16872180        .       +
        .       Parent=Smp_149300.1;Name=95892a3b-90df-42aa-
ae46-5fde9b1cbe96
SM_V9_4 iris    exon    16872628        16872747        .       +
        .       Parent=Smp_149300.1;Name=89b61ee1-2a98-4917-
bffc-34384c536408
SM_V9_4 iris    exon    16873477        16873808        .       +
        .       Parent=Smp_149300.1;Name=e3e2999b-067a-4e08-
b420-94a1aeaa74b0
SM_V9_4 iris    exon    16877839        16877939        .       +
        .
Parent=Smp_149300.1;Name=c4c6cf5e-8382-4f5f-9f0d-0394c23822b9
SM_V9_4 iris    exon    16883501        16884016        .       +
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        .       Parent=Smp_149300.1;Name=cf7e44a4-8d06-4c7d-8f08-
d871c90c9f9c
SM_V9_4 iris    exon    16885389        16885720        .       +
        .       Parent=Smp_149300.1;Name=0fda9c2f-
ef99-49df-9f8d-088b837ccc8f
SM_V9_4 iris    exon    16886709        16887335        .       +
        .       Parent=Smp_149300.1;Name=26807c9a-
a221-4852-99c5-4e186d68a799
SM_V9_4 iris    exon    16887486        16887817        .       +
        .       Parent=Smp_149300.1;Name=7e6a6b0d-3c37-4fbe-8487-
c511dfc3b589
SM_V9_4 iris    exon    16887979        16888570        .       +
        .       Parent=Smp_149300.1;Name=5f611b78-f316-4d8e-
a296-697ae30ce18e
SM_V9_4 iris    CDS     16869970        16870112        .       +
        0       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16872014        16872180        .       +
        1       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16872628        16872747        .       +
        2       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16873477        16873808        .       +
        2       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16877839        16877939        .       +
        0       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16883501        16884016        .       +
        1       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16885389        16885720        .       +
        1       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16886709        16887335        .       +
        2       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16887486        16887817        .       +
        2       Parent=Smp_149300.1
SM_V9_4 iris    CDS     16887979        16888164        .       +
        0       Parent=Smp_149300.1
SM_V9_4 Liftoff gene    16893823        16914458        .       -
        .       ID=Smp_329330;geneID=Smp_329330
SM_V9_4 Liftoff mRNA    16893823        16914458        .       -
        .
ID=Smp_329330.1;Parent=Smp_329330;geneID=Smp_329330;product=Protein
S100-
G;polypeptide_domain=InterPro:IPR002048;Ontology_term=GO:0005509
SM_V9_4 Liftoff exon    16893823        16894223        .       -
        .       Parent=Smp_329330.1
SM_V9_4 Liftoff exon    16901489        16902082        .       -
        .       Parent=Smp_329330.1
SM_V9_4 Liftoff exon    16905171        16914458        .       -
        .       Parent=Smp_329330.1
SM_V9_4 Liftoff CDS     16894159        16894223        .       -
        2       Parent=Smp_329330.1
SM_V9_4 Liftoff CDS     16901489        16902082        .       -
        2       Parent=Smp_329330.1
SM_V9_4 Liftoff CDS     16905171        16905498        .       -
        0       Parent=Smp_329330.1
SM_V9_4 Liftoff mRNA    16893823        16914458        .       -
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SM_V9_4 Liftoff exon    16893823        16894223        .       -
        .       Parent=Smp_329330.2
SM_V9_4 Liftoff exon    16901489        16902082        .       -
        .       Parent=Smp_329330.2
SM_V9_4 Liftoff exon    16903683        16914458        .       -
        .       Parent=Smp_329330.2
SM_V9_4 Liftoff CDS     16894159        16894223        .       -
        2       Parent=Smp_329330.2
SM_V9_4 Liftoff CDS     16901489        16902082        .       -
        2       Parent=Smp_329330.2
SM_V9_4 Liftoff CDS     16903683        16903737        .       -
        0       Parent=Smp_329330.2
SM_V9_4 Liftoff gene    16921843        16935203        .       -
        .       ID=Smp_050730;geneID=Smp_050730
SM_V9_4 Liftoff mRNA    16921843        16935203        .       -
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ID=Smp_050730.1;Parent=Smp_050730;geneID=Smp_050730;product=Elongato
r complex protein
2;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986
Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    16921843        16922392        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16923408        16923640        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16924311        16924430        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16924819        16924908        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16926770        16926927        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16928493        16928723        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16930844        16931060        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16932557        16932895        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff exon    16933939        16935203        .       -
        .       Parent=Smp_050730.1
SM_V9_4 Liftoff CDS     16921939        16922392        .       -
        1       Parent=Smp_050730.1
SM_V9_4 Liftoff CDS     16923408        16923640        .       -
        0       Parent=Smp_050730.1
SM_V9_4 Liftoff CDS     16924311        16924430        .       -
        0       Parent=Smp_050730.1
SM_V9_4 Liftoff CDS     16924819        16924908        .       -
        0       Parent=Smp_050730.1
SM_V9_4 Liftoff CDS     16926770        16926927        .       -
        2       Parent=Smp_050730.1
SM_V9_4 Liftoff CDS     16928493        16928723        .       -
        2       Parent=Smp_050730.1
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SM_V9_4 Liftoff CDS     16930844        16931060        .       -
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SM_V9_4 Liftoff CDS     16932557        16932895        .       -
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SM_V9_4 Liftoff CDS     16933939        16934973        .       -
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SM_V9_4 iris    gene    16940413        16951466        .       -
        .
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SM_V9_4 iris    mRNA    16940413        16951466        .       -
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ID=Smp_050740.1;Parent=Smp_050740;geneID=Smp_050740;gene_name=Smp_05
0740;owner=irisadmin@local.host;orig_id=Smp_050740.1;date_last_modif
ied=2022-07-24;Name=Smp_050740.1;product=General transcription
factor 3C polypeptide 5;date_creation=2022-07-24
SM_V9_4 iris    exon    16940413        16941349        .       -
        .       Parent=Smp_050740.1;Name=7cf3855d-8fe4-41ee-
aad6-4ae22013857c
SM_V9_4 iris    exon    16943997        16944293        .       -
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aca5-093587275d53
SM_V9_4 iris    exon    16945875        16946063        .       -
        .       Parent=Smp_050740.1;Name=cf7c6154-32b9-447f-8e37-
e8063bce2120
SM_V9_4 iris    exon    16946583        16946719        .       -
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SM_V9_4 iris    exon    16947629        16947910        .       -
        .
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SM_V9_4 iris    exon    16948633        16948828        .       -
        .       Parent=Smp_050740.1;Name=799217ab-ef4f-4c9e-
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SM_V9_4 iris    exon    16951060        16951466        .       -
        .       Parent=Smp_050740.1;Name=baea1989-c1df-465c-8032-
a69e2ac98f8a
SM_V9_4 iris    CDS     16941101        16941349        .       -
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SM_V9_4 iris    CDS     16943997        16944293        .       -
        0       Parent=Smp_050740.1
SM_V9_4 iris    CDS     16945875        16946063        .       -
        0       Parent=Smp_050740.1
SM_V9_4 iris    CDS     16946583        16946719        .       -
        2       Parent=Smp_050740.1
SM_V9_4 iris    CDS     16947629        16947910        .       -
        2       Parent=Smp_050740.1
SM_V9_4 iris    CDS     16948633        16948828        .       -
        0       Parent=Smp_050740.1
SM_V9_4 iris    CDS     16951060        16951170        .       -
        0       Parent=Smp_050740.1
SM_V9_4 iris    gene    16967139        16970590        .       -
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ID=Smp_340840;geneID=Smp_340840;gene_name=Smp_340840;owner=irisadmin
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ied=2022-07-24;Name=Smp_340840.1;product=NADH-quinone oxidoreductase
subunit D;date_creation=2022-07-24
SM_V9_4 iris    exon    16967139        16967433        .       -
        .       Parent=Smp_340840.1;Name=71803a1e-5008-40d3-
b667-22fc384e4757
SM_V9_4 iris    exon    16970110        16970590        .       -
        .
Parent=Smp_340840.1;Name=bfdd2973-90ea-4c64-8923-70b58ae81af8
SM_V9_4 iris    CDS     16970236        16970577        .       -
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SM_V9_4 Liftoff gene    16972999        16976223        .       -
        .       ID=Smp_050760;geneID=Smp_050760
SM_V9_4 Liftoff mRNA    16972999        16976223        .       -
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ID=Smp_050760.1;Parent=Smp_050760;geneID=Smp_050760;product=Phosphol
ipase B
SM_V9_4 Liftoff exon    16972999        16976223        .       -
        .       Parent=Smp_050760.1
SM_V9_4 Liftoff CDS     16973361        16973672        .       -
        0       Parent=Smp_050760.1
SM_V9_4 iris    gene    16979814        17043507        .       -
        .
ID=Smp_344190;geneID=Smp_344190;gene_name=Smp_344190;owner=irisadmin
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SM_V9_4 iris    mRNA    16979814        17043507        .       -
        .
ID=Smp_344190.1;Parent=Smp_344190;geneID=Smp_344190;gene_name=Smp_34
4190;owner=irisadmin@local.host;orig_id=Smp_344190.1;date_last_modif
ied=2022-07-24;Name=Smp_344190.1;product=Lipoxygenase homology
domain-containing protein 1;date_creation=2022-07-24
SM_V9_4 iris    exon    16979814        16980093        .       -
        .       Parent=Smp_344190.1;Name=bd3c7efe-75be-49c2-
b92e-3ed8f4f76572
SM_V9_4 iris    exon    16980938        16981135        .       -
        .       Parent=Smp_344190.1;Name=a4b49747-
a0a6-41cc-91be-56c7921fb303
SM_V9_4 iris    exon    16983148        16983422        .       -
        .       Parent=Smp_344190.1;Name=56043284-66d3-4f87-a9c9-
b87b8097065a
SM_V9_4 iris    exon    16984504        16984663        .       -
        .       Parent=Smp_344190.1;Name=8cd6db99-22d4-4389-99e7-
ed40defa8c55
SM_V9_4 iris    exon    16988369        16988723        .       -
        .       Parent=Smp_344190.1;Name=821812fc-d0be-4e7a-9af3-
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SM_V9_4 iris    exon    16991248        16991402        .       -
        .       Parent=Smp_344190.1;Name=9ae49651-6116-4c70-
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SM_V9_4 iris    exon    16993765        16993930        .       -
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SM_V9_4 iris    exon    16995214        16995431        .       -
        .       Parent=Smp_344190.1;Name=b4b0b2b6-57a8-4554-b635-
a04a23f5976a
SM_V9_4 iris    exon    16996866        16997052        .       -
        .       Parent=Smp_344190.1;Name=014059ee-fd37-48f5-
a47f-9a49cd84c408
SM_V9_4 iris    exon    17001549        17001757        .       -
        .       Parent=Smp_344190.1;Name=e8623f46-fc21-4dcc-a300-
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SM_V9_4 iris    exon    17003558        17003921        .       -
        .       Parent=Smp_344190.1;Name=e0543ce1-5f5d-458a-81a8-
aa14ddadeaae
SM_V9_4 iris    exon    17005424        17005729        .       -
        .       Parent=Smp_344190.1;Name=107643a2-e497-41f8-bdf3-
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SM_V9_4 iris    exon    17008446        17008618        .       -
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be44-3ff5053b3afb
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SM_V9_4 iris    exon    17016904        17017137        .       -
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Parent=Smp_344190.1;Name=4e0e8967-92ea-4a4a-9513-75794082f8d9
SM_V9_4 iris    exon    17018453        17018633        .       -
        .       Parent=Smp_344190.1;Name=4a7e80a7-0508-44a7-
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SM_V9_4 iris    exon    17019628        17019794        .       -
        .
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SM_V9_4 iris    exon    17020963        17021155        .       -
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SM_V9_4 iris    exon    17043186        17043507        .       -
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SM_V9_4 iris    CDS     16979912        16980093        .       -
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SM_V9_4 iris    CDS     16980938        16981135        .       -
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SM_V9_4 iris    CDS     16984504        16984663        .       -
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SM_V9_4 iris    CDS     16988369        16988723        .       -
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SM_V9_4 iris    CDS     17008657        17008885        .       -
        2       Parent=Smp_344190.1
SM_V9_4 iris    CDS     17014621        17014891        .       -
        0       Parent=Smp_344190.1
SM_V9_4 iris    CDS     17016236        17016405        .       -
        2       Parent=Smp_344190.1
SM_V9_4 iris    CDS     17016904        17017137        .       -
        2       Parent=Smp_344190.1
SM_V9_4 iris    CDS     17018453        17018633        .       -
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SM_V9_4 iris    CDS     17019628        17019794        .       -
        2       Parent=Smp_344190.1
SM_V9_4 iris    CDS     17020963        17021155        .       -
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SM_V9_4 iris    CDS     17028377        17028534        .       -
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SM_V9_4 iris    CDS     17032462        17032597        .       -
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SM_V9_4 iris    CDS     17035899        17036034        .       -
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SM_V9_4 iris    CDS     17037557        17037933        .       -
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SM_V9_4 iris    CDS     17039431        17039563        .       -
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SM_V9_4 iris    CDS     17040166        17040443        .       -
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SM_V9_4 iris    CDS     17041753        17042157        .       -
        2       Parent=Smp_344190.1
SM_V9_4 iris    CDS     17042214        17042379        .       -
        0       Parent=Smp_344190.1
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SM_V9_4 iris    CDS     17043186        17043422        .       -
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xylate transport protein,
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Pfam:PF00153
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        .       Parent=Smp_149320.1
SM_V9_4 Liftoff exon    17061135        17061367        .       -
        .       Parent=Smp_149320.1
SM_V9_4 Liftoff exon    17069525        17069662        .       -
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SM_V9_4 Liftoff exon    17070117        17070202        .       -
        .       Parent=Smp_149320.1
SM_V9_4 Liftoff exon    17073537        17073747        .       -
        .       Parent=Smp_149320.1
SM_V9_4 Liftoff exon    17073786        17074523        .       -
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SM_V9_4 Liftoff CDS     17049912        17050032        .       -
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SM_V9_4 Liftoff CDS     17056585        17056658        .       -
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SM_V9_4 Liftoff CDS     17069525        17069662        .       -
        2       Parent=Smp_149320.1
SM_V9_4 Liftoff CDS     17070117        17070202        .       -
        1       Parent=Smp_149320.1
SM_V9_4 Liftoff CDS     17073537        17073747        .       -
        2       Parent=Smp_149320.1
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        0       Parent=Smp_149320.1
SM_V9_4 Liftoff mRNA    17049078        17074523        .       -
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mitochondrial;polypeptide_domain=InterPro:IPR018108,IPR023395
Pfam:PF00153
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        .       Parent=Smp_149320.2
SM_V9_4 Liftoff exon    17061135        17061367        .       -
        .       Parent=Smp_149320.2
SM_V9_4 Liftoff exon    17069525        17069662        .       -
        .       Parent=Smp_149320.2
SM_V9_4 Liftoff exon    17070117        17070202        .       -
        .       Parent=Smp_149320.2
SM_V9_4 Liftoff exon    17073537        17073747        .       -
        .       Parent=Smp_149320.2
SM_V9_4 Liftoff exon    17073786        17074523        .       -
        .       Parent=Smp_149320.2
SM_V9_4 Liftoff CDS     17049912        17050032        .       -
        1       Parent=Smp_149320.2
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        0       Parent=Smp_149320.2
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SM_V9_4 Liftoff CDS     17073537        17073747        .       -
        2       Parent=Smp_149320.2
SM_V9_4 Liftoff CDS     17073786        17073882        .       -
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SM_V9_4 Liftoff mRNA    17090730        17145043        .       -
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Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
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        .       Parent=Smp_149330.1
SM_V9_4 Liftoff exon    17100375        17100574        .       -
        .       Parent=Smp_149330.1
SM_V9_4 Liftoff exon    17103409        17104686        .       -
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SM_V9_4 Liftoff CDS     17091020        17091868        .       -
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SM_V9_4 Liftoff CDS     17098458        17099383        .       -
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SM_V9_4 Liftoff CDS     17100375        17100574        .       -
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SM_V9_4 Liftoff CDS     17103409        17104686        .       -
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SM_V9_4 Liftoff CDS     17119765        17120889        .       -
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SM_V9_4 iris    mRNA    17190060        17198953        .       -
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0820;owner=irisadmin@local.host;orig_id=Smp_050820.1;date_last_modif
ied=2022-07-24;Name=Smp_050820.1;product=Replication factor C
subunit 3;date_creation=2022-07-24
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SM_V9_4 iris    exon    17194799        17195097        .       -
        .       Parent=Smp_050820.1;Name=8089b5c3-9991-491d-b68e-
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SM_V9_4 iris    exon    17195941        17196157        .       -
        .       Parent=Smp_050820.1;Name=7e3dc344-871d-439d-a24a-
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SM_V9_4 iris    exon    17198595        17198800        .       -
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SM_V9_4 iris    CDS     17190198        17190392        .       -
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SM_V9_4 iris    CDS     17194799        17195097        .       -
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K;polypeptide_domain=InterPro:IPR000300,IPR005135
Pfam:PF03372;Ontology_term=GO:0046856
SM_V9_4 Liftoff exon    17205477        17205529        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17205569        17205676        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17205712        17205787        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17205835        17205951        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17205988        17206095        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17206128        17206195        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17206231        17206342        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17206375        17206484        .       +
        .       Parent=Smp_050830.1
SM_V9_4 Liftoff exon    17207472        17207815        .       +
        .       Parent=Smp_050830.1
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SM_V9_4 Liftoff exon    17209428        17209939        .       +
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SM_V9_4 Liftoff CDS     17205569        17205676        .       +
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SM_V9_4 Liftoff CDS     17205712        17205787        .       +
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SM_V9_4 Liftoff CDS     17205835        17205951        .       +
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SM_V9_4 Liftoff CDS     17206231        17206342        .       +
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SM_V9_4 Liftoff CDS     17207472        17207815        .       +
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SM_V9_4 Liftoff CDS     17209428        17209939        .       +
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        .       Parent=Smp_050830.2
SM_V9_4 Liftoff exon    17205835        17205951        .       +
        .       Parent=Smp_050830.2
SM_V9_4 Liftoff exon    17205988        17206095        .       +
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SM_V9_4 Liftoff exon    17206128        17206195        .       +
        .       Parent=Smp_050830.2
SM_V9_4 Liftoff exon    17206231        17206342        .       +
        .       Parent=Smp_050830.2
SM_V9_4 Liftoff exon    17206375        17206484        .       +
        .       Parent=Smp_050830.2
SM_V9_4 Liftoff exon    17207472        17207815        .       +
        .       Parent=Smp_050830.2
SM_V9_4 Liftoff exon    17209428        17209939        .       +
        .       Parent=Smp_050830.2
SM_V9_4 Liftoff exon    17215328        17215738        .       +
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SM_V9_4 Liftoff CDS     17205516        17205529        .       +
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SM_V9_4 Liftoff CDS     17205712        17205787        .       +
        1       Parent=Smp_050830.2
SM_V9_4 Liftoff CDS     17205835        17205951        .       +
        0       Parent=Smp_050830.2
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        0       Parent=Smp_050830.2
SM_V9_4 Liftoff CDS     17206128        17206195        .       +
        0       Parent=Smp_050830.2
SM_V9_4 Liftoff CDS     17206231        17206342        .       +
        1       Parent=Smp_050830.2
SM_V9_4 Liftoff CDS     17206375        17206484        .       +
        0       Parent=Smp_050830.2
SM_V9_4 Liftoff CDS     17207472        17207815        .       +
        1       Parent=Smp_050830.2
SM_V9_4 Liftoff CDS     17209428        17209939        .       +
        2       Parent=Smp_050830.2
SM_V9_4 Liftoff CDS     17215328        17215339        .       +
        0       Parent=Smp_050830.2
SM_V9_4 iris    gene    17293274        17304376        .       -
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@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17293274        17304376        .       -
        .
ID=Smp_027430.1;Parent=Smp_027430;geneID=Smp_027430;gene_name=Smp_02
7430;owner=irisadmin@local.host;orig_id=Smp_027430.1;date_last_modif
ied=2022-07-24;Name=Smp_027430.1;product=Calcium uptake protein 2,
mitochondrial;date_creation=2022-07-24
SM_V9_4 iris    exon    17293274        17294453        .       -
        .       Parent=Smp_027430.1;Name=433306a8-26fb-4fa2-
b00f-66d2a591a927
SM_V9_4 iris    exon    17301955        17302112        .       -
        .       Parent=Smp_027430.1;Name=0835f1f8-
f2db-4fcf-80c9-23ced7c53e70
SM_V9_4 iris    exon    17303110        17303218        .       -
        .       Parent=Smp_027430.1;Name=5d9b4f3a-6a09-4e4b-
aca4-4932ca0a7d77
SM_V9_4 iris    exon    17303256        17303433        .       -
        .       Parent=Smp_027430.1;Name=4a9be89d-1819-4e49-8f26-
a76b1d61f608
SM_V9_4 iris    exon    17303467        17303561        .       -
        .       Parent=Smp_027430.1;Name=41b1f8fd-69d1-47e3-
af13-30a3c5610fe2
SM_V9_4 iris    exon    17303599        17303664        .       -
        .
Parent=Smp_027430.1;Name=f55ff99e-242d-437e-9a35-4fafd25fee3b
SM_V9_4 iris    exon    17303706        17303788        .       -
        .       Parent=Smp_027430.1;Name=f9bf0512-d706-44d6-a89c-
fcd9b5a61742
SM_V9_4 iris    exon    17303824        17303976        .       -
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        .       Parent=Smp_027430.1;Name=f7acca31-77fe-43ae-8ec5-
ea0fdd98dbe9
SM_V9_4 iris    exon    17304016        17304139        .       -
        .       Parent=Smp_027430.1;Name=f51ad550-2514-401c-
ba0c-418e28096d19
SM_V9_4 iris    exon    17304188        17304376        .       -
        .       Parent=Smp_027430.1;Name=da99e603-083a-4146-858c-
d4a81bfa8168
SM_V9_4 iris    CDS     17294376        17294453        .       -
        0       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17301955        17302112        .       -
        2       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17303110        17303218        .       -
        0       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17303256        17303433        .       -
        1       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17303467        17303561        .       -
        0       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17303599        17303664        .       -
        0       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17303706        17303788        .       -
        2       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17303824        17303976        .       -
        2       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17304016        17304139        .       -
        0       Parent=Smp_027430.1
SM_V9_4 iris    CDS     17304188        17304343        .       -
        0       Parent=Smp_027430.1
SM_V9_4 Liftoff gene    17308387        17322681        .       +
        .       ID=Smp_137020;geneID=Smp_137020
SM_V9_4 Liftoff mRNA    17308387        17322681        .       +
        .
ID=Smp_137020.1;Parent=Smp_137020;geneID=Smp_137020;product=Phosphat
idylinositol transfer protein alpha
isoform;polypeptide_domain=InterPro:IPR001666,IPR023393
Pfam:PF02121;Ontology_term=GO:0005622,GO:0006810
SM_V9_4 Liftoff exon    17308387        17308451        .       +
        .       Parent=Smp_137020.1
SM_V9_4 Liftoff exon    17312529        17312847        .       +
        .       Parent=Smp_137020.1
SM_V9_4 Liftoff exon    17312880        17312957        .       +
        .       Parent=Smp_137020.1
SM_V9_4 Liftoff exon    17312995        17313162        .       +
        .       Parent=Smp_137020.1
SM_V9_4 Liftoff exon    17313211        17313306        .       +
        .       Parent=Smp_137020.1
SM_V9_4 Liftoff exon    17313368        17313490        .       +
        .       Parent=Smp_137020.1
SM_V9_4 Liftoff exon    17320325        17322681        .       +
        .       Parent=Smp_137020.1
SM_V9_4 Liftoff CDS     17308435        17308451        .       +
        0       Parent=Smp_137020.1
SM_V9_4 Liftoff CDS     17312529        17312847        .       +
        1       Parent=Smp_137020.1
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SM_V9_4 Liftoff CDS     17312880        17312957        .       +
        0       Parent=Smp_137020.1
SM_V9_4 Liftoff CDS     17312995        17313162        .       +
        0       Parent=Smp_137020.1
SM_V9_4 Liftoff CDS     17313211        17313306        .       +
        0       Parent=Smp_137020.1
SM_V9_4 Liftoff CDS     17313368        17313490        .       +
        0       Parent=Smp_137020.1
SM_V9_4 Liftoff CDS     17320325        17320369        .       +
        0       Parent=Smp_137020.1
SM_V9_4 Liftoff gene    17324820        17325370        .       -
        .
ID=Smp_343080;geneID=Smp_343080;previous_systematic_id=Smp_137030
SM_V9_4 Liftoff mRNA    17324820        17325370        .       -
        .
ID=Smp_343080.1;Parent=Smp_343080;geneID=Smp_343080;product=Uncharac
terized transcriptional regulatory protein C530.08
SM_V9_4 Liftoff exon    17324820        17325370        .       -
        .       Parent=Smp_343080.1
SM_V9_4 Liftoff CDS     17324913        17325167        .       -
        0       Parent=Smp_343080.1
SM_V9_4 iris    gene    17348335        17356590        .       -
        .
ID=Smp_027450;geneID=Smp_027450;gene_name=Smp_027450;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17348335        17356590        .       -
        .
ID=Smp_027450.1;Parent=Smp_027450;geneID=Smp_027450;gene_name=Smp_02
7450;owner=irisadmin@local.host;orig_id=Smp_027450.2;date_last_modif
ied=2022-07-24;Name=Smp_027450.1;product=Protein misato homolog
1;date_creation=2022-07-24
SM_V9_4 iris    exon    17348335        17349394        .       -
        .
Parent=Smp_027450.1;Name=ad24f166-7e22-41e2-9c66-41323cffba88
SM_V9_4 iris    exon    17351830        17352318        .       -
        .       Parent=Smp_027450.1;Name=0df69f15-
b3fd-46c5-8eb4-449ff3c8c301
SM_V9_4 iris    exon    17353684        17354200        .       -
        .       Parent=Smp_027450.1;Name=ad3079c1-d5d3-4a0c-
a94d-1ddf46506662
SM_V9_4 iris    exon    17356545        17356590        .       -
        .       Parent=Smp_027450.1;Name=f8a786bb-0dcf-49bf-
bb5e-8721b550de4e
SM_V9_4 iris    CDS     17348825        17349394        .       -
        0       Parent=Smp_027450.1
SM_V9_4 iris    CDS     17351830        17352318        .       -
        0       Parent=Smp_027450.1
SM_V9_4 iris    CDS     17353684        17354178        .       -
        0       Parent=Smp_027450.1
SM_V9_4 iris    gene    17359784        17394510        .       -
        .
ID=Smp_137040;geneID=Smp_137040;gene_name=Smp_137040;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17359784        17394510        .       -
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        .
ID=Smp_137040.1;Parent=Smp_137040;geneID=Smp_137040;gene_name=Smp_13
7040;owner=irisadmin@local.host;orig_id=Smp_137040.1;date_last_modif
ied=2022-07-24;Name=Smp_137040.1;product=Ubiquitin-protein ligase
E3B;date_creation=2022-07-24
SM_V9_4 iris    exon    17359784        17360362        .       -
        .       Parent=Smp_137040.1;Name=71830e6b-
fa07-476c-9d96-6f547f966a23
SM_V9_4 iris    exon    17360962        17361057        .       -
        .       Parent=Smp_137040.1;Name=9e6fd4a6-64db-45fc-a095-
ec4ca65c6f88
SM_V9_4 iris    exon    17362116        17362227        .       -
        .
Parent=Smp_137040.1;Name=2c385437-5d77-44d4-9971-4700215e2302
SM_V9_4 iris    exon    17363186        17363368        .       -
        .       Parent=Smp_137040.1;Name=495c61dc-79ce-4c74-
aede-69cccd9bc203
SM_V9_4 iris    exon    17364149        17364273        .       -
        .       Parent=Smp_137040.1;Name=90b49e66-5a6b-4641-
aef0-40e072b2eca1
SM_V9_4 iris    exon    17367479        17367616        .       -
        .       Parent=Smp_137040.1;Name=befcec1a-149b-4d00-
a352-4b9049406b01
SM_V9_4 iris    exon    17369853        17370059        .       -
        .       Parent=Smp_137040.1;Name=4f3f71ef-0a1b-426f-
af41-1d25dc7d3d44
SM_V9_4 iris    exon    17370974        17371051        .       -
        .       Parent=Smp_137040.1;Name=86cc79e6-f8d7-4162-bb0c-
dee2d0f0ceeb
SM_V9_4 iris    exon    17371161        17371286        .       -
        .       Parent=Smp_137040.1;Name=cb77901a-b9fc-4195-
a30c-87cddb16a6c2
SM_V9_4 iris    exon    17371335        17371434        .       -
        .       Parent=Smp_137040.1;Name=6abc8723-e5bb-4058-
a506-51ca1ccbbc23
SM_V9_4 iris    exon    17372828        17373050        .       -
        .       Parent=Smp_137040.1;Name=f7e7b4e9-7db5-4632-b681-
f863120d8229
SM_V9_4 iris    exon    17376284        17376402        .       -
        .       Parent=Smp_137040.1;Name=7bc6b9fc-43f1-4fdc-85ce-
d192e6ab4762
SM_V9_4 iris    exon    17377787        17377955        .       -
        .       Parent=Smp_137040.1;Name=3d721d4e-8b3e-420f-
a7c5-405e27873da3
SM_V9_4 iris    exon    17380267        17380805        .       -
        .       Parent=Smp_137040.1;Name=176bc359-
d436-4821-9c15-1bf59d26cfca
SM_V9_4 iris    exon    17382846        17382958        .       -
        .       Parent=Smp_137040.1;Name=b3970a36-84df-459b-
b529-44a5267abef7
SM_V9_4 iris    exon    17384810        17384874        .       -
        .       Parent=Smp_137040.1;Name=53268ec8-f322-49e7-
a87d-23d18498989e
SM_V9_4 iris    exon    17385999        17386122        .       -
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        .       Parent=Smp_137040.1;Name=4571ffc2-fd03-4e96-
b9fb-19dd14ec6c37
SM_V9_4 iris    exon    17388148        17388253        .       -
        .       Parent=Smp_137040.1;Name=8f9434f8-4e65-4472-b8f0-
dc75669070d6
SM_V9_4 iris    exon    17391583        17391665        .       -
        .       Parent=Smp_137040.1;Name=b1341e8a-98aa-49b8-9b93-
ecf85ee9d652
SM_V9_4 iris    exon    17391701        17391786        .       -
        .       Parent=Smp_137040.1;Name=c2806733-56c7-4580-
a0f4-4441671d2f51
SM_V9_4 iris    exon    17393696        17393786        .       -
        .       Parent=Smp_137040.1;Name=b3c0cbeb-
d7eb-4983-8e0d-7062244a541c
SM_V9_4 iris    exon    17393818        17393922        .       -
        .       Parent=Smp_137040.1;Name=d25990d9-a517-4533-
adbc-6fb4d4c14719
SM_V9_4 iris    exon    17393955        17394011        .       -
        .
Parent=Smp_137040.1;Name=097955e8-9bf3-4b13-825b-94df5cce17a3
SM_V9_4 iris    exon    17394055        17394119        .       -
        .
Parent=Smp_137040.1;Name=f70caff8-9ef3-4594-8d5a-775f79218621
SM_V9_4 iris    exon    17394157        17394218        .       -
        .       Parent=Smp_137040.1;Name=aff8b0d6-d8bf-4ecf-840f-
b8c5bdc8c505
SM_V9_4 iris    exon    17394254        17394303        .       -
        .       Parent=Smp_137040.1;Name=624f1b9f-8e0b-481b-
aa5a-531d26c35aae
SM_V9_4 iris    exon    17394337        17394510        .       -
        .       Parent=Smp_137040.1;Name=a9afe898-ce2a-4bd1-
a602-7086eb199381
SM_V9_4 iris    CDS     17360168        17360362        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17360962        17361057        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17362116        17362227        .       -
        1       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17363186        17363368        .       -
        1       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17364149        17364273        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17367479        17367616        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17369853        17370059        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17370974        17371051        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17371161        17371286        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17371335        17371434        .       -
        1       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17372828        17373050        .       -
        2       Parent=Smp_137040.1
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SM_V9_4 iris    CDS     17376284        17376402        .       -
        1       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17377787        17377955        .       -
        2       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17380267        17380805        .       -
        1       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17382846        17382958        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17384810        17384874        .       -
        2       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17385999        17386122        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17388148        17388253        .       -
        1       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17391583        17391665        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17391701        17391786        .       -
        2       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17393696        17393786        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17393818        17393922        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17393955        17394011        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17394055        17394119        .       -
        2       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17394157        17394218        .       -
        1       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17394254        17394303        .       -
        0       Parent=Smp_137040.1
SM_V9_4 iris    CDS     17394337        17394447        .       -
        0       Parent=Smp_137040.1
SM_V9_4 Liftoff gene    17408534        17416656        .       +
        .       ID=Smp_027480;geneID=Smp_027480
SM_V9_4 Liftoff mRNA    17408534        17416656        .       +
        .
ID=Smp_027480.1;Parent=Smp_027480;geneID=Smp_027480;product=NADH
dehydrogenase [ubiquinone] 1 alpha subcomplex subunit
8;polypeptide_domain=InterPro:IPR016680;Ontology_term=GO:0005747,GO:
0006120
SM_V9_4 Liftoff exon    17408534        17412019        .       +
        .       Parent=Smp_027480.1
SM_V9_4 Liftoff exon    17412052        17412230        .       +
        .       Parent=Smp_027480.1
SM_V9_4 Liftoff exon    17416235        17416656        .       +
        .       Parent=Smp_027480.1
SM_V9_4 Liftoff CDS     17411894        17412019        .       +
        0       Parent=Smp_027480.1
SM_V9_4 Liftoff CDS     17412052        17412230        .       +
        0       Parent=Smp_027480.1
SM_V9_4 Liftoff CDS     17416235        17416466        .       +
        1       Parent=Smp_027480.1
SM_V9_4 Liftoff gene    17437930        17439330        .       -
        .       ID=Smp_137050;geneID=Smp_137050
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SM_V9_4 Liftoff mRNA    17437930        17439330        .       -
       .
ID=Smp_137050.1;Parent=Smp_137050;geneID=Smp_137050;product=Gastrin/
cholecystokinin type B
receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    17437930        17438103        .       -
       .       Parent=Smp_137050.1
SM_V9_4 Liftoff exon    17438147        17439330        .       -
       .       Parent=Smp_137050.1
SM_V9_4 Liftoff CDS     17438048        17438103        .       -
       2       Parent=Smp_137050.1
SM_V9_4 Liftoff CDS     17438147        17439260        .       -
       0       Parent=Smp_137050.1
SM_V9_4 Liftoff gene    17461375        17467500        .       -
       .       ID=Smp_027500;geneID=Smp_027500
SM_V9_4 Liftoff mRNA    17461375        17462070        .       -
       .
ID=Smp_027500.2;Parent=Smp_027500;geneID=Smp_027500;product=Intrafla
gellar transport protein 25 homolog
SM_V9_4 Liftoff exon    17461375        17462070        .       -
       .       Parent=Smp_027500.2
SM_V9_4 Liftoff CDS     17461824        17462051        .       -
       0       Parent=Smp_027500.2
SM_V9_4 Liftoff mRNA    17461375        17467500        .       -
       .
ID=Smp_027500.1;Parent=Smp_027500;geneID=Smp_027500;product=Intrafla
gellar transport protein 25
homolog;polypeptide_domain=InterPro:IPR008979
SM_V9_4 Liftoff exon    17461375        17462018        .       -
       .       Parent=Smp_027500.1
SM_V9_4 Liftoff exon    17467267        17467500        .       -
       .       Parent=Smp_027500.1
SM_V9_4 Liftoff CDS     17461824        17462018        .       -
       0       Parent=Smp_027500.1
SM_V9_4 Liftoff CDS     17467267        17467476        .       -
       0       Parent=Smp_027500.1
SM_V9_4 iris    gene    17467600        17494495        .       +
       .
ID=Smp_307060;geneID=Smp_307060;gene_name=Smp_307060;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17467600        17494495        .       +
       .
ID=Smp_307060.1;Parent=Smp_307060;geneID=Smp_307060;gene_name=Smp_30
7060;owner=irisadmin@local.host;orig_id=Smp_307060.1;date_last_modif
ied=2022-07-24;Name=Smp_307060.1;product=Histone-lysine N-
methyltransferase NSD2;date_creation=2022-07-24
SM_V9_4 iris    exon    17467600        17467800        .       +
       .       Parent=Smp_307060.1;Name=ac6f30ac-af74-409d-9c7f-
bdb6aad0df57
SM_V9_4 iris    exon    17467836        17467981        .       +
       .
Parent=Smp_307060.1;Name=c39e0f81-8a31-4e97-8458-8ee1d3ce48ca
SM_V9_4 iris    exon    17468019        17468187        .       +
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        .       Parent=Smp_307060.1;Name=f88f5eea-f4cf-4d26-9e24-
df16668928f0
SM_V9_4 iris    exon    17468221        17468447        .       +
        .
Parent=Smp_307060.1;Name=77ea56a0-5909-48c5-9f9d-69dc07c66ff4
SM_V9_4 iris    exon    17470733        17470828        .       +
        .       Parent=Smp_307060.1;Name=2abff012-363d-422e-b44d-
a05bd764d6f8
SM_V9_4 iris    exon    17472997        17473210        .       +
        .       Parent=Smp_307060.1;Name=8624c2fb-59fe-4bcc-9afe-
ca03297b2c56
SM_V9_4 iris    exon    17474172        17474296        .       +
        .       Parent=Smp_307060.1;Name=291ac78c-984d-4984-9a0a-
da1f049e8383
SM_V9_4 iris    exon    17478556        17478776        .       +
        .       Parent=Smp_307060.1;Name=5123b70b-c57a-4c0f-
a2b4-1d681d6b7045
SM_V9_4 iris    exon    17480331        17480505        .       +
        .       Parent=Smp_307060.1;Name=2a56db69-c633-4c9e-9d13-
b3a6d40ec9eb
SM_V9_4 iris    exon    17480817        17480914        .       +
        .       Parent=Smp_307060.1;Name=cdb7e88f-5f37-4565-b5c1-
ed099c14df78
SM_V9_4 iris    exon    17482161        17482432        .       +
        .       Parent=Smp_307060.1;Name=7add6059-63cb-43d3-
ad3b-7d6d03a9db63
SM_V9_4 iris    exon    17485095        17485324        .       +
        .       Parent=Smp_307060.1;Name=652656f7-9d9a-401d-b982-
da4e0aff46ef
SM_V9_4 iris    exon    17487250        17487573        .       +
        .       Parent=Smp_307060.1;Name=23285105-4504-4546-bf0b-
ab1ae66ebd20
SM_V9_4 iris    exon    17490511        17490772        .       +
        .       Parent=Smp_307060.1;Name=324213da-b583-420d-
a4ef-1537f54a3e16
SM_V9_4 iris    exon    17491106        17491652        .       +
        .       Parent=Smp_307060.1;Name=4a25ea4d-
bbdf-4ba5-98a3-47043f5fc11d
SM_V9_4 iris    exon    17493152        17494495        .       +
        .       Parent=Smp_307060.1;Name=9d01db4e-
defb-4f42-869d-1629871a9afa
SM_V9_4 iris    CDS     17467677        17467800        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17467836        17467981        .       +
        2       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17468019        17468187        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17468221        17468447        .       +
        2       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17470733        17470828        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17472997        17473210        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17474172        17474296        .       +
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        2       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17478556        17478776        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17480331        17480505        .       +
        1       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17480817        17480914        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17482161        17482432        .       +
        1       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17485095        17485324        .       +
        2       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17487250        17487573        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17490511        17490772        .       +
        0       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17491106        17491652        .       +
        2       Parent=Smp_307060.1
SM_V9_4 iris    CDS     17493152        17494064        .       +
        1       Parent=Smp_307060.1
SM_V9_4 Liftoff gene    17496714        17498550        .       -
        .       ID=Smp_329340;geneID=Smp_329340
SM_V9_4 Liftoff mRNA    17496714        17498550        .       -
        .
ID=Smp_329340.1;Parent=Smp_329340;geneID=Smp_329340;product=NTF2-
related export protein
2;polypeptide_domain=InterPro:IPR002075,IPR018222,IPR032710
Pfam:PF02136;Ontology_term=GO:0005622,GO:0006810
SM_V9_4 Liftoff exon    17496714        17497185        .       -
        .       Parent=Smp_329340.1
SM_V9_4 Liftoff exon    17498217        17498550        .       -
        .       Parent=Smp_329340.1
SM_V9_4 Liftoff CDS     17497028        17497185        .       -
        2       Parent=Smp_329340.1
SM_V9_4 Liftoff CDS     17498217        17498478        .       -
        0       Parent=Smp_329340.1
SM_V9_4 Liftoff gene    17500335        17506430        .       -
        .
ID=Smp_312950;geneID=Smp_312950;previous_systematic_id=Smp_137070
SM_V9_4 Liftoff mRNA    17500335        17506430        .       -
        .
ID=Smp_312950.1;Parent=Smp_312950;geneID=Smp_312950;product=Transmem
brane emp24 domain-containing protein
5;polypeptide_domain=InterPro:IPR009038
Pfam:PF01105;Ontology_term=GO:0006810,GO:0016021
SM_V9_4 Liftoff exon    17500335        17500832        .       -
        .       Parent=Smp_312950.1
SM_V9_4 Liftoff exon    17501969        17502200        .       -
        .       Parent=Smp_312950.1
SM_V9_4 Liftoff exon    17505118        17505215        .       -
        .       Parent=Smp_312950.1
SM_V9_4 Liftoff exon    17505248        17506430        .       -
        .       Parent=Smp_312950.1
SM_V9_4 Liftoff CDS     17500572        17500832        .       -
        0       Parent=Smp_312950.1
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SM_V9_4 Liftoff CDS     17501969        17502200        .       -
        1       Parent=Smp_312950.1
SM_V9_4 Liftoff CDS     17505118        17505215        .       -
        0       Parent=Smp_312950.1
SM_V9_4 Liftoff CDS     17505248        17506300        .       -
        0       Parent=Smp_312950.1
SM_V9_4 Liftoff mRNA    17500335        17506430        .       -
        .
ID=Smp_312950.2;Parent=Smp_312950;geneID=Smp_312950;product=Transmem
brane emp24 domain-containing protein
5;polypeptide_domain=InterPro:IPR009038
Pfam:PF01105;Ontology_term=GO:0006810,GO:0016021
SM_V9_4 Liftoff exon    17500335        17500832        .       -
        .       Parent=Smp_312950.2
SM_V9_4 Liftoff exon    17501969        17502102        .       -
        .       Parent=Smp_312950.2
SM_V9_4 Liftoff exon    17502136        17502200        .       -
        .       Parent=Smp_312950.2
SM_V9_4 Liftoff exon    17505118        17505215        .       -
        .       Parent=Smp_312950.2
SM_V9_4 Liftoff exon    17505248        17506430        .       -
        .       Parent=Smp_312950.2
SM_V9_4 Liftoff CDS     17500572        17500832        .       -
        0       Parent=Smp_312950.2
SM_V9_4 Liftoff CDS     17501969        17502102        .       -
        2       Parent=Smp_312950.2
SM_V9_4 Liftoff CDS     17502136        17502200        .       -
        1       Parent=Smp_312950.2
SM_V9_4 Liftoff CDS     17505118        17505215        .       -
        0       Parent=Smp_312950.2
SM_V9_4 Liftoff CDS     17505248        17506300        .       -
        0       Parent=Smp_312950.2
SM_V9_4 iris    gene    17515999        17525550        .       -
        .
ID=Smp_316020;geneID=Smp_316020;gene_name=Smp_316020;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17515999        17525550        .       -
        .
ID=Smp_316020.1;Parent=Smp_316020;geneID=Smp_316020;gene_name=Smp_31
6020;owner=irisadmin@local.host;date_last_modified=2022-07-24;Name=S
mp_316020.1;product=Transmembrane emp24 domain-containing protein
5;date_creation=2022-07-24
SM_V9_4 iris    exon    17515999        17516309        .       -
        .
Parent=Smp_316020.1;Name=f8ed45bf-7766-465e-80de-1585633ffe54
SM_V9_4 iris    exon    17517341        17517602        .       -
        .       Parent=Smp_316020.1;Name=91a3876a-a916-4023-
a21b-1acb61fc57bb
SM_V9_4 iris    exon    17521087        17521318        .       -
        .       Parent=Smp_316020.1;Name=7c357d93-7fed-4c9f-92f3-
c4f29a1c5a36
SM_V9_4 iris    exon    17524236        17524333        .       -
        .       Parent=Smp_316020.1;Name=59040bbb-cb89-4e22-ad1a-
d85090d14922
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SM_V9_4 iris    exon    17524366        17525550        .       -
        .       Parent=Smp_316020.1;Name=5bbde4f1-f661-4a49-94a4-
ebda608bd9de
SM_V9_4 iris    CDS     17516152        17516309        .       -
        2       Parent=Smp_316020.1
SM_V9_4 iris    CDS     17517341        17517602        .       -
        0       Parent=Smp_316020.1
SM_V9_4 iris    CDS     17521087        17521318        .       -
        1       Parent=Smp_316020.1
SM_V9_4 iris    CDS     17524236        17524333        .       -
        0       Parent=Smp_316020.1
SM_V9_4 iris    CDS     17524366        17525427        .       -
        0       Parent=Smp_316020.1
SM_V9_4 iris    mRNA    17519458        17525550        .       -
        .
ID=Smp_316020.2;Parent=Smp_316020;geneID=Smp_316020;gene_name=Smp_31
6020;owner=irisadmin@local.host;orig_id=Smp_316020.1;date_last_modif
ied=2022-07-24;Name=Smp_316020.2;date_creation=2022-07-24
SM_V9_4 iris    exon    17519458        17519955        .       -
        .       Parent=Smp_316020.2;Name=42921ec0-1475-4214-
b449-76de3224fddc
SM_V9_4 iris    exon    17521087        17521318        .       -
        .
Parent=Smp_316020.2;Name=64ed4a27-1288-4449-8ce5-8ae67b6d3ac7
SM_V9_4 iris    exon    17524236        17524333        .       -
        .
Parent=Smp_316020.2;Name=3d25ff2a-0c9d-4123-81f1-8859c31a8a68
SM_V9_4 iris    exon    17524366        17525550        .       -
        .
Parent=Smp_316020.2;Name=94575c4d-4353-4cb3-9df3-201467298566
SM_V9_4 iris    CDS     17519695        17519955        .       -
        0       Parent=Smp_316020.2
SM_V9_4 iris    CDS     17521087        17521318        .       -
        1       Parent=Smp_316020.2
SM_V9_4 iris    CDS     17524236        17524333        .       -
        0       Parent=Smp_316020.2
SM_V9_4 iris    CDS     17524366        17525418        .       -
        0       Parent=Smp_316020.2
SM_V9_4 iris    gene    17537864        17605918        .       +
        .
ID=Smp_137080;geneID=Smp_137080;gene_name=Smp_137080;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17537864        17605918        .       +
        .
ID=Smp_137080.1;Parent=Smp_137080;geneID=Smp_137080;gene_name=Smp_13
7080;owner=irisadmin@local.host;orig_id=Smp_137080.2;date_last_modif
ied=2022-07-24;Name=Smp_137080.1;product=Bile salt export
pump;date_creation=2022-07-24
SM_V9_4 iris    exon    17537864        17537961        .       +
        .
Parent=Smp_137080.1;Name=6924b890-3c06-4c60-952e-06907fa19d4b
SM_V9_4 iris    exon    17538069        17538242        .       +
        .
Parent=Smp_137080.1;Name=b0fd6e88-1e4b-4ece-8846-6f88aab4b9e6
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SM_V9_4 iris    exon    17538275        17538311        .       +
        .       Parent=Smp_137080.1;Name=cb3661f8-
c1ac-477b-9569-3dfb42b3a87f
SM_V9_4 iris    exon    17538347        17538625        .       +
        .
Parent=Smp_137080.1;Name=f104a041-37f2-4605-8643-89838c841ef1
SM_V9_4 iris    exon    17548990        17549422        .       +
        .       Parent=Smp_137080.1;Name=e5453b06-f4ce-453f-
be7e-35fbaf571e87
SM_V9_4 iris    exon    17556669        17556775        .       +
        .
Parent=Smp_137080.1;Name=a5c0b056-0d19-4002-9293-72b8e7df530b
SM_V9_4 iris    exon    17557575        17557688        .       +
        .       Parent=Smp_137080.1;Name=d75dc2db-f493-41b0-8289-
c0fe8e84398a
SM_V9_4 iris    exon    17559351        17559458        .       +
        .       Parent=Smp_137080.1;Name=e2c2cd2f-decf-4817-9e93-
f4e848af5a79
SM_V9_4 iris    exon    17562187        17562312        .       +
        .
Parent=Smp_137080.1;Name=d75b443d-9346-4d75-8e87-836b7cbe024b
SM_V9_4 iris    exon    17564052        17564276        .       +
        .       Parent=Smp_137080.1;Name=86de127b-bdf3-4a54-b7e2-
a1af523e334c
SM_V9_4 iris    exon    17567314        17567646        .       +
        .       Parent=Smp_137080.1;Name=931b50ac-2516-4647-
a0d1-7d3caf0865c3
SM_V9_4 iris    exon    17571590        17571760        .       +
        .       Parent=Smp_137080.1;Name=f07a6fe2-5bcb-454a-
ae1e-074b97599126
SM_V9_4 iris    exon    17574204        17574260        .       +
        .       Parent=Smp_137080.1;Name=4f20934e-b643-43cb-
a660-57cd5f734cd7
SM_V9_4 iris    exon    17579279        17579410        .       +
        .       Parent=Smp_137080.1;Name=c315a6b8-be6e-4235-
bdc5-82bbc12da1ba
SM_V9_4 iris    exon    17594117        17594224        .       +
        .       Parent=Smp_137080.1;Name=57fe6f07-f3c6-4f06-b638-
dec947da491b
SM_V9_4 iris    exon    17594966        17595043        .       +
        .       Parent=Smp_137080.1;Name=22baf4e8-1c9b-494d-96cd-
eee58ff7e71b
SM_V9_4 iris    exon    17596526        17596753        .       +
        .       Parent=Smp_137080.1;Name=7061519b-c1c1-4017-8d46-
b2400ed02f33
SM_V9_4 iris    exon    17598118        17598272        .       +
        .       Parent=Smp_137080.1;Name=975c3269-7471-4cde-
b439-2d981dd79662
SM_V9_4 iris    exon    17599759        17599899        .       +
        .       Parent=Smp_137080.1;Name=6c2a817b-e5ac-4a17-9059-
a61fb07eb84d
SM_V9_4 iris    exon    17602641        17602875        .       +
        .       Parent=Smp_137080.1;Name=969915db-cecf-4435-bf1b-
d6da284d755d
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SM_V9_4 iris    exon    17604676        17605014        .       +
        .       Parent=Smp_137080.1;Name=4792630f-b54f-499a-
b66d-79a5f5ec94a6
SM_V9_4 iris    exon    17605457        17605918        .       +
        .
Parent=Smp_137080.1;Name=c0b161a8-97fb-4074-96f9-8634fbfbce04
SM_V9_4 iris    CDS     17538151        17538242        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17538275        17538311        .       +
        1       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17538347        17538625        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17548990        17549422        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17556669        17556775        .       +
        2       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17557575        17557688        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17559351        17559458        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17562187        17562312        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17564052        17564276        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17567314        17567646        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17571590        17571760        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17574204        17574260        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17579279        17579410        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17594117        17594224        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17594966        17595043        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17596526        17596753        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17598118        17598272        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17599759        17599899        .       +
        1       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17602641        17602875        .       +
        1       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17604676        17605014        .       +
        0       Parent=Smp_137080.1
SM_V9_4 iris    CDS     17605457        17605807        .       +
        0       Parent=Smp_137080.1
SM_V9_4 Liftoff gene    17605925        17611590        .       -
        .       ID=Smp_027550;geneID=Smp_027550
SM_V9_4 Liftoff mRNA    17605925        17611540        .       -
        .
ID=Smp_027550.1;Parent=Smp_027550;geneID=Smp_027550;product=Putative
RNA-binding protein
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15B;polypeptide_domain=InterPro:IPR000504,IPR010912,IPR012921,IPR016
194 Pfam:PF00076,PF07744;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    17605925        17608250        .       -
        .       Parent=Smp_027550.1
SM_V9_4 Liftoff exon    17611227        17611540        .       -
        .       Parent=Smp_027550.1
SM_V9_4 Liftoff CDS     17606153        17608250        .       -
        1       Parent=Smp_027550.1
SM_V9_4 Liftoff CDS     17611227        17611501        .       -
        0       Parent=Smp_027550.1
SM_V9_4 Liftoff mRNA    17605925        17611590        .       -
        .
ID=Smp_027550.2;Parent=Smp_027550;geneID=Smp_027550;product=Putative
RNA-binding protein
15B;polypeptide_domain=InterPro:IPR000504,IPR010912,IPR012921,IPR016
194 Pfam:PF00076,PF07744;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    17605925        17611590        .       -
        .       Parent=Smp_027550.2
SM_V9_4 Liftoff CDS     17606153        17608150        .       -
        0       Parent=Smp_027550.2
SM_V9_4 Liftoff gene    17629864        17644149        .       +
        .       ID=Smp_050570;geneID=Smp_050570
SM_V9_4 Liftoff mRNA    17629864        17644149        .       +
        .
ID=Smp_050570.1;Parent=Smp_050570;geneID=Smp_050570;product=Adenylat
e kinase isoenzyme 6;polypeptide_domain=InterPro:IPR020618,IPR027417
Pfam:PF13238;Ontology_term=GO:0004017,GO:0005524
SM_V9_4 Liftoff exon    17629864        17638127        .       +
        .       Parent=Smp_050570.1
SM_V9_4 Liftoff exon    17638163        17638318        .       +
        .       Parent=Smp_050570.1
SM_V9_4 Liftoff exon    17643835        17644149        .       +
        .       Parent=Smp_050570.1
SM_V9_4 Liftoff CDS     17637897        17638127        .       +
        0       Parent=Smp_050570.1
SM_V9_4 Liftoff CDS     17638163        17638318        .       +
        0       Parent=Smp_050570.1
SM_V9_4 Liftoff CDS     17643835        17643972        .       +
        0       Parent=Smp_050570.1
SM_V9_4 Liftoff mRNA    17629864        17644149        .       +
        .
ID=Smp_050570.2;Parent=Smp_050570;geneID=Smp_050570;product=Adenylat
e kinase isoenzyme 6;polypeptide_domain=InterPro:IPR020618,IPR027417
Pfam:PF13238;Ontology_term=GO:0004017,GO:0005524
SM_V9_4 Liftoff exon    17629864        17638127        .       +
        .       Parent=Smp_050570.2
SM_V9_4 Liftoff exon    17638163        17638285        .       +
        .       Parent=Smp_050570.2
SM_V9_4 Liftoff exon    17643835        17644149        .       +
        .       Parent=Smp_050570.2
SM_V9_4 Liftoff CDS     17637897        17638127        .       +
        0       Parent=Smp_050570.2
SM_V9_4 Liftoff CDS     17638163        17638285        .       +
        0       Parent=Smp_050570.2
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SM_V9_4 Liftoff CDS     17643835        17643972        .       +
        0       Parent=Smp_050570.2
SM_V9_4 Liftoff gene    17680627        17693510        .       -
        .       ID=Smp_137090;geneID=Smp_137090
SM_V9_4 Liftoff mRNA    17680627        17693510        .       -
        .
ID=Smp_137090.1;Parent=Smp_137090;geneID=Smp_137090;product=BRCA1-
associated RING domain protein
1;polypeptide_domain=InterPro:IPR001357,IPR001841,IPR002110,IPR01308
3,IPR017907,IPR020683 Pfam:PF12796,PF14835;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    17680627        17681246        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff exon    17682890        17683075        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff exon    17684413        17684722        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff exon    17685463        17685848        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff exon    17685945        17686382        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff exon    17686845        17687229        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff exon    17688696        17688807        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff exon    17690753        17693510        .       -
        .       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17680755        17681246        .       -
        0       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17682890        17683075        .       -
        0       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17684413        17684722        .       -
        1       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17685463        17685848        .       -
        0       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17685945        17686382        .       -
        0       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17686845        17687229        .       -
        1       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17688696        17688807        .       -
        2       Parent=Smp_137090.1
SM_V9_4 Liftoff CDS     17690753        17691068        .       -
        0       Parent=Smp_137090.1
SM_V9_4 Liftoff gene    17698821        17699072        .       +
        .       ID=Smp_137100;geneID=Smp_137100
SM_V9_4 Liftoff mRNA    17698821        17699072        .       +
        .
ID=Smp_137100.1;Parent=Smp_137100;geneID=Smp_137100;product=Aminomet
hyltransferase
SM_V9_4 Liftoff exon    17698821        17699072        .       +
        .       Parent=Smp_137100.1
SM_V9_4 Liftoff CDS     17698821        17699072        .       +
        0       Parent=Smp_137100.1
SM_V9_4 Liftoff gene    17699547        17699678        .       +
        .       ID=Smp_027580;geneID=Smp_027580
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SM_V9_4 Liftoff mRNA    17699547        17699678        .       +
        .
ID=Smp_027580.1;Parent=Smp_027580;geneID=Smp_027580;product=Dynein
assembly factor 1, axonemal
SM_V9_4 Liftoff exon    17699547        17699678        .       +
        .       Parent=Smp_027580.1
SM_V9_4 Liftoff CDS     17699547        17699678        .       +
        0       Parent=Smp_027580.1
SM_V9_4 iris    gene    17767060        17791525        .       -
        .
ID=Smp_137120;geneID=Smp_137120;gene_name=Smp_137120;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17767060        17791525        .       -
        .
ID=Smp_137120.1;Parent=Smp_137120;geneID=Smp_137120;gene_name=Smp_13
7120;owner=irisadmin@local.host;orig_id=Smp_137120.1;date_last_modif
ied=2022-07-24;Name=Smp_137120.1;product=Atherin;date_creation=2022-
07-24
SM_V9_4 iris    exon    17767060        17767786        .       -
        .       Parent=Smp_137120.1;Name=Smp_137120.1-CDS
SM_V9_4 iris    exon    17771501        17772090        .       -
        .       Parent=Smp_137120.1;Name=b7821005-d1cd-4cda-
bb53-6d67fc42270d
SM_V9_4 iris    exon    17774927        17775039        .       -
        .
Parent=Smp_137120.1;Name=d14c1afe-79c2-4ef5-91db-4fda634e3657
SM_V9_4 iris    exon    17778435        17779041        .       -
        .
Parent=Smp_137120.1;Name=53a553a1-4644-4b80-88b1-9794caef502b
SM_V9_4 iris    exon    17789586        17791525        .       -
        .       Parent=Smp_137120.1;Name=31d4d467-337f-42fb-
b4f1-45eb75276e1b
SM_V9_4 iris    CDS     17767330        17767786        .       -
        1       Parent=Smp_137120.1
SM_V9_4 iris    CDS     17771501        17772090        .       -
        0       Parent=Smp_137120.1
SM_V9_4 iris    CDS     17774927        17775039        .       -
        2       Parent=Smp_137120.1
SM_V9_4 iris    CDS     17778435        17779041        .       -
        0       Parent=Smp_137120.1
SM_V9_4 iris    CDS     17789586        17791376        .       -
        0       Parent=Smp_137120.1
SM_V9_4 iris    gene    17808257        17810038        .       -
        .
ID=Smp_027610;geneID=Smp_027610;gene_name=Smp_027610;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    17808257        17810038        .       -
        .
ID=Smp_027610.1;Parent=Smp_027610;geneID=Smp_027610;gene_name=Smp_02
7610;owner=irisadmin@local.host;orig_id=Smp_027610.1;date_last_modif
ied=2022-07-24;Name=Smp_027610.1;product=40S ribosomal protein
S3;date_creation=2022-07-24
SM_V9_4 iris    exon    17808257        17808529        .       -
        .       Parent=Smp_027610.1;Name=6c5b7375-
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d0c0-4ffc-9ac9-3f28ba607a2d
SM_V9_4 iris    exon    17808601        17808788        .       -
        .       Parent=Smp_027610.1;Name=95b07e4d-b103-4aaa-9924-
a2155ee948cf
SM_V9_4 iris    exon    17808821        17809140        .       -
        .       Parent=Smp_027610.1;Name=d6e3835b-6925-470e-
a19c-0a94b2974083
SM_V9_4 iris    exon    17809178        17809328        .       -
        .       Parent=Smp_027610.1;Name=644b43ab-27c3-40eb-8a32-
cb994456bc56
SM_V9_4 iris    exon    17810018        17810038        .       -
        .       Parent=Smp_027610.1;Name=d4047a87-58b0-4692-
be53-7ec25d8b55a8
SM_V9_4 iris    CDS     17808381        17808529        .       -
        2       Parent=Smp_027610.1
SM_V9_4 iris    CDS     17808601        17808788        .       -
        1       Parent=Smp_027610.1
SM_V9_4 iris    CDS     17808821        17809140        .       -
        0       Parent=Smp_027610.1
SM_V9_4 iris    CDS     17809178        17809213        .       -
        0       Parent=Smp_027610.1
SM_V9_4 Liftoff gene    17817445        17825545        .       +
        .
ID=Smp_343090;geneID=Smp_343090;previous_systematic_id=Smp_137130
SM_V9_4 Liftoff mRNA    17817445        17825545        .       +
        .
ID=Smp_343090.1;Parent=Smp_343090;geneID=Smp_343090;product=Uncharac
terized protein At2g39910;polypeptide_domain=InterPro:IPR011989
SM_V9_4 Liftoff exon    17817445        17823456        .       +
        .       Parent=Smp_343090.1
SM_V9_4 Liftoff exon    17825171        17825545        .       +
        .       Parent=Smp_343090.1
SM_V9_4 Liftoff CDS     17822440        17823456        .       +
        0       Parent=Smp_343090.1
SM_V9_4 Liftoff CDS     17825171        17825491        .       +
        0       Parent=Smp_343090.1
SM_V9_4 Liftoff gene    17840999        17857688        .       -
        .
ID=Smp_343100;geneID=Smp_343100;previous_systematic_id=Smp_137140
SM_V9_4 Liftoff mRNA    17840999        17857688        .       -
        .
ID=Smp_343100.1;Parent=Smp_343100;geneID=Smp_343100;product=Homeobox
protein
slou;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR02
0479 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    17840999        17843658        .       -
        .       Parent=Smp_343100.1
SM_V9_4 Liftoff exon    17856578        17857688        .       -
        .       Parent=Smp_343100.1
SM_V9_4 Liftoff CDS     17841371        17843658        .       -
        2       Parent=Smp_343100.1
SM_V9_4 Liftoff CDS     17856578        17857145        .       -
        0       Parent=Smp_343100.1
SM_V9_4 Liftoff gene    17911662        17925004        .       +
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        .
ID=Smp_343110;geneID=Smp_343110;previous_systematic_id=Smp_137150
SM_V9_4 Liftoff mRNA    17911662        17925004        .       +
        .
ID=Smp_343110.1;Parent=Smp_343110;geneID=Smp_343110;product=Beta-
mannosidase;polypeptide_domain=InterPro:IPR006102,IPR008979,IPR01378
3,IPR017853 Pfam:PF00703;Ontology_term=GO:0004553,GO:0005975
SM_V9_4 Liftoff exon    17911662        17912733        .       +
        .       Parent=Smp_343110.1
SM_V9_4 Liftoff exon    17915898        17916226        .       +
        .       Parent=Smp_343110.1
SM_V9_4 Liftoff exon    17918335        17918659        .       +
        .       Parent=Smp_343110.1
SM_V9_4 Liftoff exon    17921619        17921908        .       +
        .       Parent=Smp_343110.1
SM_V9_4 Liftoff exon    17923866        17924398        .       +
        .       Parent=Smp_343110.1
SM_V9_4 Liftoff exon    17924471        17925004        .       +
        .       Parent=Smp_343110.1
SM_V9_4 Liftoff CDS     17911681        17912733        .       +
        0       Parent=Smp_343110.1
SM_V9_4 Liftoff CDS     17915898        17916226        .       +
        0       Parent=Smp_343110.1
SM_V9_4 Liftoff CDS     17918335        17918659        .       +
        1       Parent=Smp_343110.1
SM_V9_4 Liftoff CDS     17921619        17921908        .       +
        0       Parent=Smp_343110.1
SM_V9_4 Liftoff CDS     17923866        17924398        .       +
        1       Parent=Smp_343110.1
SM_V9_4 Liftoff CDS     17924471        17924838        .       +
        2       Parent=Smp_343110.1
SM_V9_4 Liftoff gene    17927354        17962765        .       -
        .       ID=Smp_137160;geneID=Smp_137160
SM_V9_4 Liftoff mRNA    17927354        17962765        .       -
        .
ID=Smp_137160.1;Parent=Smp_137160;geneID=Smp_137160;product=Calcium-
binding mitochondrial carrier protein
Aralar2;polypeptide_domain=InterPro:IPR002048,IPR002067,IPR011992,IP
R018108,IPR023395
Pfam:PF00153,PF13202,PF13833;Ontology_term=GO:0005509,GO:0055085
SM_V9_4 Liftoff exon    17927354        17928396        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17929532        17929725        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17930986        17931216        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17932520        17932787        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17935719        17935948        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17937248        17937329        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17940280        17940373        .       -
        .       Parent=Smp_137160.1
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SM_V9_4 Liftoff exon    17942959        17943103        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17945045        17945191        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17947245        17947384        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17949535        17949650        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17950091        17950233        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17952974        17953024        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff exon    17962599        17962765        .       -
        .       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17928249        17928396        .       -
        1       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17929532        17929725        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17930986        17931216        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17932520        17932787        .       -
        1       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17935719        17935948        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17937248        17937329        .       -
        1       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17940280        17940373        .       -
        2       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17942959        17943103        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17945045        17945191        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17947245        17947384        .       -
        2       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17949535        17949650        .       -
        1       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17950091        17950233        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17952974        17953024        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff CDS     17962599        17962601        .       -
        0       Parent=Smp_137160.1
SM_V9_4 Liftoff gene    17968332        18109507        .       +
        .
ID=Smp_343120;geneID=Smp_343120;previous_systematic_id=Smp_137170
SM_V9_4 Liftoff mRNA    17968332        18109507        .       +
        .
ID=Smp_343120.1;Parent=Smp_343120;geneID=Smp_343120;product=Plasma
membrane calcium-transporting ATPase
3;polypeptide_domain=InterPro:IPR001757,IPR004014,IPR006068,IPR00640
8,IPR008250,IPR018303,IPR023214,IPR023298,IPR023299
Pfam:PF00122,PF00689,PF00690,PF08282,PF13246;Ontology_term=GO:000016
6,GO:0005388,GO:0005524,GO:0016020,GO:0016021,GO:0070588
SM_V9_4 Liftoff exon    17968332        17968748        .       +
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        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    17977536        17977709        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18006399        18006653        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18047627        18047752        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18064113        18064427        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18075567        18075782        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18078603        18078820        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18087397        18087636        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18088636        18088886        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18089669        18089814        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18093674        18094374        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18097568        18097781        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18099271        18099488        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18102700        18102807        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18103547        18103926        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff exon    18108175        18109507        .       +
        .       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     17968631        17968748        .       +
        0       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     17977536        17977709        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18006399        18006653        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18047627        18047752        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18064113        18064427        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18075567        18075782        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18078603        18078820        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18087397        18087636        .       +
        0       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18088636        18088886        .       +
        0       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18089669        18089814        .       +
        1       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18093674        18094374        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18097568        18097781        .       +
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        0       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18099271        18099488        .       +
        2       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18102700        18102807        .       +
        0       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18103547        18103926        .       +
        0       Parent=Smp_343120.1
SM_V9_4 Liftoff CDS     18108175        18108196        .       +
        1       Parent=Smp_343120.1
SM_V9_4 Liftoff gene    18016077        18017268        .       -
        .       ID=Smp_111980;geneID=Smp_111980
SM_V9_4 Liftoff mRNA    18016077        18017268        .       -
        .
ID=Smp_111980.1;Parent=Smp_111980;geneID=Smp_111980;product=Acetyl-
coenzyme A carboxylase carboxyl transferase subunit beta,
chloroplastic
SM_V9_4 Liftoff exon    18016077        18017268        .       -
        .       Parent=Smp_111980.1
SM_V9_4 Liftoff CDS     18016283        18017158        .       -
        0       Parent=Smp_111980.1
SM_V9_4 Liftoff gene    18111713        18116180        .       +
        .       ID=Smp_137180;geneID=Smp_137180
SM_V9_4 Liftoff mRNA    18111713        18116180        .       +
        .
ID=Smp_137180.1;Parent=Smp_137180;geneID=Smp_137180;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    18111713        18111956        .       +
        .       Parent=Smp_137180.1
SM_V9_4 Liftoff exon    18113299        18116180        .       +
        .       Parent=Smp_137180.1
SM_V9_4 Liftoff CDS     18111912        18111956        .       +
        0       Parent=Smp_137180.1
SM_V9_4 Liftoff CDS     18113299        18113946        .       +
        0       Parent=Smp_137180.1
SM_V9_4 iris    gene    18124084        18124928        .       -
        .
ID=Smp_137190;geneID=Smp_137190;gene_name=Smp_137190;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    18124084        18124928        .       -
        .
ID=Smp_137190.1;Parent=Smp_137190;geneID=Smp_137190;gene_name=Smp_13
7190;owner=irisadmin@local.host;orig_id=Smp_137190.1;date_last_modif
ied=2022-07-24;Name=Smp_137190.1;product=Frataxin homolog,
mitochondrial;date_creation=2022-07-24
SM_V9_4 iris    exon    18124084        18124928        .       -
        .       Parent=Smp_137190.1;Name=Smp_137190.1-CDS
SM_V9_4 iris    CDS     18124387        18124872        .       -
        0       Parent=Smp_137190.1
SM_V9_4 iris    gene    18134331        18176556        .       +
        .
ID=Smp_343130;geneID=Smp_343130;gene_name=Smp_343130;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    18134331        18176556        .       +
        .
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ID=Smp_343130.1;Parent=Smp_343130;geneID=Smp_343130;gene_name=Smp_34
3130;owner=irisadmin@local.host;orig_id=Smp_343130.1;date_last_modif
ied=2022-07-24;Name=Smp_343130.1;product=Chondroitin sulfate
proteoglycan 4;date_creation=2022-07-24
SM_V9_4 iris    exon    18134331        18134370        .       +
        .
Parent=Smp_343130.1;Name=4039599b-99fa-427d-8d92-4916646a24ec
SM_V9_4 iris    exon    18134424        18134735        .       +
        .       Parent=Smp_343130.1;Name=dcd48203-
ee26-4c79-87ee-0c7495f353fa
SM_V9_4 iris    exon    18138858        18139063        .       +
        .       Parent=Smp_343130.1;Name=0b75829d-7843-4f84-
bb87-82c024458e5e
SM_V9_4 iris    exon    18140760        18142677        .       +
        .       Parent=Smp_343130.1;Name=d6bdd274-dc2f-4b68-
be9a-1a96756a2578
SM_V9_4 iris    exon    18150832        18151365        .       +
        .       Parent=Smp_343130.1;Name=2b31841f-d95a-44ac-
b8b1-343dc04ee8a3
SM_V9_4 iris    exon    18152609        18152917        .       +
        .       Parent=Smp_343130.1;Name=353c1b88-15e6-4fe5-
a35a-1dbd7dddf1d8
SM_V9_4 iris    exon    18154354        18154664        .       +
        .       Parent=Smp_343130.1;Name=a4775bcd-08f5-44f9-8485-
a0fa0e967109
SM_V9_4 iris    exon    18155299        18155401        .       +
        .       Parent=Smp_343130.1;Name=0f435398-6739-45a5-8039-
ebd72c038629
SM_V9_4 iris    exon    18156210        18156396        .       +
        .
Parent=Smp_343130.1;Name=bb8eb917-002a-42af-8194-6a9f44ac8023
SM_V9_4 iris    exon    18162637        18162765        .       +
        .
Parent=Smp_343130.1;Name=4e4bc8c1-6fba-4358-952c-01d4949f86b0
SM_V9_4 iris    exon    18167198        18167342        .       +
        .       Parent=Smp_343130.1;Name=8501ed2f-44f9-42ce-
a315-9088d5b4c119
SM_V9_4 iris    exon    18167930        18168218        .       +
        .       Parent=Smp_343130.1;Name=cd369751-
e49a-4a7c-8fbf-33b06f5d12a3
SM_V9_4 iris    exon    18169958        18170389        .       +
        .       Parent=Smp_343130.1;Name=291b5ea4-396e-43e9-
ae20-0e0b4a025781
SM_V9_4 iris    exon    18171454        18171615        .       +
        .       Parent=Smp_343130.1;Name=981a6e9c-c89d-4177-82a0-
b65fe22b9da7
SM_V9_4 iris    exon    18173688        18176556        .       +
        .       Parent=Smp_343130.1;Name=0485a99a-f369-41bd-82bf-
e4f3c1f78d4f
SM_V9_4 iris    CDS     18134496        18134735        .       +
        0       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18138858        18139063        .       +
        0       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18140760        18142677        .       +
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SM_V9_4 iris    CDS     18150832        18151365        .       +
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SM_V9_4 iris    CDS     18152609        18152917        .       +
        0       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18154354        18154664        .       +
        0       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18155299        18155401        .       +
        1       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18156210        18156396        .       +
        0       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18162637        18162765        .       +
        2       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18167198        18167342        .       +
        2       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18167930        18168218        .       +
        1       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18169958        18170389        .       +
        0       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18171454        18171615        .       +
        0       Parent=Smp_343130.1
SM_V9_4 iris    CDS     18173688        18176252        .       +
        0       Parent=Smp_343130.1
SM_V9_4 Liftoff gene    18306991        18345247        .       -
        .       ID=Smp_137210;geneID=Smp_137210
SM_V9_4 Liftoff mRNA    18306991        18345247        .       -
        .
ID=Smp_137210.1;Parent=Smp_137210;geneID=Smp_137210;product=WD
repeat-containing protein
11;polypeptide_domain=InterPro:IPR011990,IPR015943,IPR017986;Ontolog
y_term=GO:0005515
SM_V9_4 Liftoff exon    18306991        18307694        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18308946        18309090        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18315133        18315213        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18317086        18317396        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18318864        18319192        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18320569        18320860        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18323607        18323901        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18324838        18325186        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18327576        18327710        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18331284        18331345        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18331913        18332024        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18333672        18334114        .       -
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        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18336199        18336361        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18340558        18340658        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18341617        18341913        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18342521        18342710        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18344288        18344399        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18344437        18344526        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff exon    18344564        18345247        .       -
        .       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18307552        18307694        .       -
        2       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18308946        18309090        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18315133        18315213        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18317086        18317396        .       -
        2       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18318864        18319192        .       -
        1       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18320569        18320860        .       -
        2       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18323607        18323901        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18324838        18325186        .       -
        1       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18327576        18327710        .       -
        1       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18331284        18331345        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18331913        18332024        .       -
        1       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18333672        18334114        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18336199        18336361        .       -
        1       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18340558        18340658        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18341617        18341913        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18342521        18342710        .       -
        1       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18344288        18344399        .       -
        2       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18344437        18344526        .       -
        2       Parent=Smp_137210.1
SM_V9_4 Liftoff CDS     18344564        18344570        .       -
        0       Parent=Smp_137210.1
SM_V9_4 Liftoff gene    18356671        18369160        .       +
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        .
ID=Smp_346530;geneID=Smp_346530;previous_systematic_id=Smp_177320
SM_V9_4 Liftoff mRNA    18356671        18369160        .       +
        .
ID=Smp_346530.1;Parent=Smp_346530;geneID=Smp_346530;product=Heat-
inducible transcription repressor
HrcA;polypeptide_domain=InterPro:IPR011989,IPR016024;Ontology_term=G
O:0005488
SM_V9_4 Liftoff exon    18356671        18357658        .       +
        .       Parent=Smp_346530.1
SM_V9_4 Liftoff exon    18357697        18357752        .       +
        .       Parent=Smp_346530.1
SM_V9_4 Liftoff exon    18357864        18358012        .       +
        .       Parent=Smp_346530.1
SM_V9_4 Liftoff exon    18358050        18358166        .       +
        .       Parent=Smp_346530.1
SM_V9_4 Liftoff exon    18359100        18359211        .       +
        .       Parent=Smp_346530.1
SM_V9_4 Liftoff exon    18362404        18362463        .       +
        .       Parent=Smp_346530.1
SM_V9_4 Liftoff exon    18368888        18369160        .       +
        .       Parent=Smp_346530.1
SM_V9_4 Liftoff CDS     18357649        18357658        .       +
        0       Parent=Smp_346530.1
SM_V9_4 Liftoff CDS     18357697        18357752        .       +
        2       Parent=Smp_346530.1
SM_V9_4 Liftoff CDS     18357864        18358012        .       +
        0       Parent=Smp_346530.1
SM_V9_4 Liftoff CDS     18358050        18358166        .       +
        1       Parent=Smp_346530.1
SM_V9_4 Liftoff CDS     18359100        18359211        .       +
        1       Parent=Smp_346530.1
SM_V9_4 Liftoff CDS     18362404        18362463        .       +
        0       Parent=Smp_346530.1
SM_V9_4 Liftoff CDS     18368888        18369049        .       +
        0       Parent=Smp_346530.1
SM_V9_4 Liftoff mRNA    18356671        18369160        .       +
        .
ID=Smp_346530.2;Parent=Smp_346530;geneID=Smp_346530;product=Heat-
inducible transcription repressor
HrcA;polypeptide_domain=InterPro:IPR011989,IPR016024;Ontology_term=G
O:0005488
SM_V9_4 Liftoff exon    18356671        18357658        .       +
        .       Parent=Smp_346530.2
SM_V9_4 Liftoff exon    18357697        18357752        .       +
        .       Parent=Smp_346530.2
SM_V9_4 Liftoff exon    18357864        18358012        .       +
        .       Parent=Smp_346530.2
SM_V9_4 Liftoff exon    18358050        18358166        .       +
        .       Parent=Smp_346530.2
SM_V9_4 Liftoff exon    18359100        18359211        .       +
        .       Parent=Smp_346530.2
SM_V9_4 Liftoff exon    18362404        18362463        .       +
        .       Parent=Smp_346530.2
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SM_V9_4 Liftoff exon    18368888        18369160        .       +
        .       Parent=Smp_346530.2
SM_V9_4 Liftoff CDS     18357655        18357658        .       +
        0       Parent=Smp_346530.2
SM_V9_4 Liftoff CDS     18357697        18357752        .       +
        2       Parent=Smp_346530.2
SM_V9_4 Liftoff CDS     18357864        18358012        .       +
        0       Parent=Smp_346530.2
SM_V9_4 Liftoff CDS     18358050        18358166        .       +
        1       Parent=Smp_346530.2
SM_V9_4 Liftoff CDS     18359100        18359211        .       +
        1       Parent=Smp_346530.2
SM_V9_4 Liftoff CDS     18362404        18362463        .       +
        0       Parent=Smp_346530.2
SM_V9_4 Liftoff CDS     18368888        18369049        .       +
        0       Parent=Smp_346530.2
SM_V9_4 Liftoff gene    18374361        18376406        .       +
        .
ID=Smp_343140;geneID=Smp_343140;previous_systematic_id=Smp_137220
SM_V9_4 Liftoff mRNA    18374361        18376406        .       +
        .
ID=Smp_343140.1;Parent=Smp_343140;geneID=Smp_343140;product=Achaete-
scute homolog 4;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_4 Liftoff exon    18374361        18376406        .       +
        .       Parent=Smp_343140.1
SM_V9_4 Liftoff CDS     18374439        18375380        .       +
        0       Parent=Smp_343140.1
SM_V9_4 Liftoff gene    18406503        18465657        .       -
        .
ID=Smp_312990;geneID=Smp_312990;previous_systematic_id=Smp_027750,Sm
p_137230
SM_V9_4 Liftoff mRNA    18406503        18465657        .       -
        .
ID=Smp_312990.1;Parent=Smp_312990;geneID=Smp_312990;product=Kinesin-
like protein
KIF21B;polypeptide_domain=InterPro:IPR001680,IPR001752,IPR015943,IPR
017986,IPR019775,IPR019821,IPR027417
Pfam:PF00225,PF00400;Ontology_term=GO:0003777,GO:0005515,GO:0005524,
GO:0007018,GO:0008017
SM_V9_4 Liftoff exon    18406503        18407564        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18407660        18407829        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18408100        18408321        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18409242        18409548        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18411630        18411810        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18416326        18416732        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18418595        18418726        .       -
        .       Parent=Smp_312990.1
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SM_V9_4 Liftoff exon    18419624        18419979        .       -
        .       Parent=Smp_312990.1
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        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18429599        18429656        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18432964        18433618        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18438559        18438966        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18440870        18441169        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18441306        18441649        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18442038        18442176        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18443191        18443360        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18444098        18444453        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18445499        18445710        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18447782        18447916        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18449069        18449380        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18452050        18452247        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18454185        18454316        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18459896        18459988        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18463308        18463349        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff exon    18464933        18465657        .       -
        .       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18407528        18407564        .       -
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SM_V9_4 Liftoff CDS     18407660        18407829        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18408100        18408321        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18409242        18409548        .       -
        1       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18411630        18411810        .       -
        2       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18416326        18416732        .       -
        1       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18418595        18418726        .       -
        1       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18419624        18419979        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18425667        18425706        .       -
        1       Parent=Smp_312990.1
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SM_V9_4 Liftoff CDS     18429599        18429656        .       -
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        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18438559        18438966        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18440870        18441169        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18441306        18441649        .       -
        2       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18442038        18442176        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18443191        18443360        .       -
        2       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18444098        18444453        .       -
        1       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18445499        18445710        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18447782        18447916        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18449069        18449380        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18452050        18452247        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18454185        18454316        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18459896        18459988        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18463308        18463349        .       -
        0       Parent=Smp_312990.1
SM_V9_4 Liftoff CDS     18464933        18465091        .       -
        0       Parent=Smp_312990.1
SM_V9_4 iris    gene    18483631        18496361        .       +
        .
ID=Smp_316180;geneID=Smp_316180;gene_name=Smp_316180;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    18483631        18496361        .       +
        .
ID=Smp_316180.1;Parent=Smp_316180;geneID=Smp_316180;gene_name=Smp_31
6180;owner=irisadmin@local.host;orig_id=Smp_316180.3;date_last_modif
ied=2022-07-24;Name=Smp_316180.1;product=Bifunctional arginine
demethylase and lysyl-hydroxylase JMJD6;date_creation=2022-07-24
SM_V9_4 iris    exon    18483631        18483698        .       +
        .
Parent=Smp_316180.1;Name=d65729fe-1778-41ce-8e17-1c5366f2388f
SM_V9_4 iris    exon    18485509        18485781        .       +
        .       Parent=Smp_316180.1;Name=d824e1c2-70fd-44a8-8c1a-
f251fd6d8e90
SM_V9_4 iris    exon    18485821        18485973        .       +
        .       Parent=Smp_316180.1;Name=c093cd8f-24a4-463c-bfdd-
a0bf9b6edd67
SM_V9_4 iris    exon    18486011        18486111        .       +
        .       Parent=Smp_316180.1;Name=d257676e-af28-4160-
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SM_V9_4 iris    exon    18491621        18491716        .       +
        .       Parent=Smp_316180.1;Name=43aa3258-1e7a-4530-acc7-
f5de6826f1c2
SM_V9_4 iris    exon    18493663        18493917        .       +
        .       Parent=Smp_316180.1;Name=049a4631-df4b-4aac-acb9-
dbc4cb8a3e3d
SM_V9_4 iris    exon    18494299        18494559        .       +
        .       Parent=Smp_316180.1;Name=c8db1724-d3f2-44f2-984b-
e9b61b2bc596
SM_V9_4 iris    exon    18496136        18496361        .       +
        .       Parent=Smp_316180.1;Name=f0b56b19-ad5a-4c1b-
b179-3f1a7eca68db
SM_V9_4 iris    CDS     18485509        18485781        .       +
        0       Parent=Smp_316180.1
SM_V9_4 iris    CDS     18485821        18485973        .       +
        0       Parent=Smp_316180.1
SM_V9_4 iris    CDS     18486011        18486111        .       +
        0       Parent=Smp_316180.1
SM_V9_4 iris    CDS     18491621        18491716        .       +
        1       Parent=Smp_316180.1
SM_V9_4 iris    CDS     18493663        18493917        .       +
        1       Parent=Smp_316180.1
SM_V9_4 iris    CDS     18494299        18494559        .       +
        1       Parent=Smp_316180.1
SM_V9_4 iris    CDS     18496136        18496190        .       +
        1       Parent=Smp_316180.1
SM_V9_4 iris    gene    18506243        18575655        .       +
        .
ID=Smp_337070;geneID=Smp_337070;gene_name=Smp_337070;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    18506243        18575655        .       +
        .
ID=Smp_337070.1;Parent=Smp_337070;geneID=Smp_337070;gene_name=Smp_33
7070;owner=irisadmin@local.host;orig_id=Smp_337070.1;date_last_modif
ied=2022-07-24;Name=Smp_337070.1;product=Teneurin-4;date_creation=20
22-07-24
SM_V9_4 iris    exon    18506243        18506484        .       +
        .       Parent=Smp_337070.1;Name=416078cb-
f4cb-436f-8ca6-335d0fc99f4c
SM_V9_4 iris    exon    18507659        18508035        .       +
        .
Parent=Smp_337070.1;Name=24e2abf4-09a8-4d03-9981-51391c19bac8
SM_V9_4 iris    exon    18508631        18508909        .       +
        .
Parent=Smp_337070.1;Name=78096125-3c9a-4416-8a9d-0bc81b2b3b38
SM_V9_4 iris    exon    18513767        18514090        .       +
        .       Parent=Smp_337070.1;Name=b3d6675e-
f4fd-419a-908b-320ee5f1f4fa
SM_V9_4 iris    exon    18517161        18517335        .       +
        .       Parent=Smp_337070.1;Name=a0620d39-
c7c9-4919-8c3b-1a8d0b4434d1
SM_V9_4 iris    exon    18525939        18526117        .       +
        .       Parent=Smp_337070.1;Name=1a00913a-c647-46cf-b78b-
b123517b086e
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SM_V9_4 iris    exon    18526164        18526361        .       +
        .       Parent=Smp_337070.1;Name=514ef51a-7bac-4c54-820b-
ddb5f6502060
SM_V9_4 iris    exon    18537629        18537889        .       +
        .       Parent=Smp_337070.1;Name=02050f09-c082-4829-93cd-
d8478ff40847
SM_V9_4 iris    exon    18539499        18539740        .       +
        .       Parent=Smp_337070.1;Name=d02a376d-0644-4381-
acd5-42105b34d029
SM_V9_4 iris    exon    18542013        18542211        .       +
        .       Parent=Smp_337070.1;Name=39b4d985-ca9c-4a96-87aa-
df46d72906e0
SM_V9_4 iris    exon    18542826        18543111        .       +
        .       Parent=Smp_337070.1;Name=28afce32-210f-46e3-8fae-
bb86bdef510b
SM_V9_4 iris    exon    18546896        18547059        .       +
        .       Parent=Smp_337070.1;Name=831e11da-ace0-4332-
ab31-3e5aa7c6443b
SM_V9_4 iris    exon    18550972        18551237        .       +
        .       Parent=Smp_337070.1;Name=b51ed548-1a0b-4f6a-
a6ab-19eccbc6e6e8
SM_V9_4 iris    exon    18552101        18552155        .       +
        .       Parent=Smp_337070.1;Name=832c73db-8ab1-412b-
af46-30ff128fba93
SM_V9_4 iris    exon    18553553        18553641        .       +
        .       Parent=Smp_337070.1;Name=c7939379-
ef5c-49b9-8704-39351aa8dad8
SM_V9_4 iris    exon    18557417        18557606        .       +
        .       Parent=Smp_337070.1;Name=82e207b7-b0e7-4cbc-9d1c-
edc8bfc7c9a7
SM_V9_4 iris    exon    18569174        18569381        .       +
        .       Parent=Smp_337070.1;Name=a3852ef8-da7c-4d33-
bfbd-8a8aab67f097
SM_V9_4 iris    exon    18570137        18570328        .       +
        .       Parent=Smp_337070.1;Name=ab27b228-7c95-42ee-a714-
c28d2403a54d
SM_V9_4 iris    exon    18574425        18574694        .       +
        .       Parent=Smp_337070.1;Name=159412d9-ee13-488d-
a8e3-35578e484287
SM_V9_4 iris    exon    18575409        18575655        .       +
        .       Parent=Smp_337070.1;Name=41463915-ac2a-4fb3-994c-
b469b157e2f0
SM_V9_4 iris    CDS     18506460        18506484        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18507659        18508035        .       +
        2       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18508631        18508909        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18513767        18514090        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18517161        18517335        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18525939        18526117        .       +
        2       Parent=Smp_337070.1
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SM_V9_4 iris    CDS     18526164        18526361        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18537629        18537889        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18539499        18539740        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18542013        18542211        .       +
        1       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18542826        18543111        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18546896        18547059        .       +
        2       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18550972        18551237        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18552101        18552155        .       +
        1       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18553553        18553641        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18557417        18557606        .       +
        1       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18569174        18569381        .       +
        0       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18570137        18570328        .       +
        2       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18574425        18574694        .       +
        2       Parent=Smp_337070.1
SM_V9_4 iris    CDS     18575409        18575488        .       +
        2       Parent=Smp_337070.1
SM_V9_4 Liftoff gene    18582589        18601597        .       +
        .
ID=Smp_345820;geneID=Smp_345820;previous_systematic_id=Smp_168440
SM_V9_4 Liftoff mRNA    18582589        18601597        .       +
        .
ID=Smp_345820.1;Parent=Smp_345820;geneID=Smp_345820;product=Transcri
ption factor MYB65
SM_V9_4 Liftoff exon    18582589        18588301        .       +
        .       Parent=Smp_345820.1
SM_V9_4 Liftoff exon    18592227        18592310        .       +
        .       Parent=Smp_345820.1
SM_V9_4 Liftoff exon    18594686        18594927        .       +
        .       Parent=Smp_345820.1
SM_V9_4 Liftoff exon    18598152        18601597        .       +
        .       Parent=Smp_345820.1
SM_V9_4 Liftoff CDS     18588119        18588301        .       +
        0       Parent=Smp_345820.1
SM_V9_4 Liftoff CDS     18592227        18592310        .       +
        0       Parent=Smp_345820.1
SM_V9_4 Liftoff CDS     18594686        18594927        .       +
        0       Parent=Smp_345820.1
SM_V9_4 Liftoff CDS     18598152        18598170        .       +
        1       Parent=Smp_345820.1
SM_V9_4 Liftoff gene    18605238        18606825        .       -
        .       ID=Smp_168430;geneID=Smp_168430
SM_V9_4 Liftoff mRNA    18605238        18606825        .       -
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        .
ID=Smp_168430.1;Parent=Smp_168430;geneID=Smp_168430;product=Nodulati
on protein J
SM_V9_4 Liftoff exon    18605238        18606825        .       -
        .       Parent=Smp_168430.1
SM_V9_4 Liftoff CDS     18605288        18605611        .       -
        0       Parent=Smp_168430.1
SM_V9_4 Liftoff gene    18615632        18641855        .       -
        .
ID=Smp_336130;geneID=Smp_336130;previous_systematic_id=Smp_168420
SM_V9_4 Liftoff mRNA    18615632        18641855        .       -
        .
ID=Smp_336130.1;Parent=Smp_336130;geneID=Smp_336130;product=N-(5-
amino-5-carboxypentanoyl)-L-cysteinyl-D-valine synthase
SM_V9_4 Liftoff exon    18615632        18616351        .       -
        .       Parent=Smp_336130.1
SM_V9_4 Liftoff exon    18616852        18617015        .       -
        .       Parent=Smp_336130.1
SM_V9_4 Liftoff exon    18639156        18639330        .       -
        .       Parent=Smp_336130.1
SM_V9_4 Liftoff exon    18641419        18641855        .       -
        .       Parent=Smp_336130.1
SM_V9_4 Liftoff CDS     18616295        18616351        .       -
        0       Parent=Smp_336130.1
SM_V9_4 Liftoff CDS     18616852        18617015        .       -
        2       Parent=Smp_336130.1
SM_V9_4 Liftoff CDS     18639156        18639330        .       -
        0       Parent=Smp_336130.1
SM_V9_4 Liftoff CDS     18641419        18641727        .       -
        0       Parent=Smp_336130.1
SM_V9_4 iris    gene    18648710        18719481        .       +
        .
ID=Smp_316210;geneID=Smp_316210;gene_name=Smp_316210;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    18648710        18719481        .       +
        .
ID=Smp_316210.1;Parent=Smp_316210;geneID=Smp_316210;gene_name=Smp_31
6210;owner=irisadmin@local.host;orig_id=Smp_316210.1;date_last_modif
ied=2022-07-24;Name=Smp_316210.1;product=Arginine--tRNA
ligase;date_creation=2022-07-24
SM_V9_4 iris    exon    18648710        18649070        .       +
        .       Parent=Smp_316210.1;Name=73bc61a7-bc73-4a72-a493-
fe29fffa4896
SM_V9_4 iris    exon    18651213        18651387        .       +
        .       Parent=Smp_316210.1;Name=a6414246-ad8d-4e4e-
b70c-5b2ea1ee1acc
SM_V9_4 iris    exon    18655526        18655605        .       +
        .       Parent=Smp_316210.1;Name=b337a933-afb2-491d-95fc-
c3ac991bb372
SM_V9_4 iris    exon    18655652        18655855        .       +
        .
Parent=Smp_316210.1;Name=2d111d9c-38fb-4422-951f-7d3276655e52
SM_V9_4 iris    exon    18670387        18670672        .       +
        .       Parent=Smp_316210.1;Name=316c0d15-6764-4736-ac5f-
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df97a876686d
SM_V9_4 iris    exon    18671885        18672048        .       +
        .       Parent=Smp_316210.1;Name=a87750e1-b5bc-47c2-9b5a-
ff608b856457
SM_V9_4 iris    exon    18676666        18676931        .       +
        .       Parent=Smp_316210.1;Name=9480ba01-4bec-4475-
b8fc-01b83e5762ba
SM_V9_4 iris    exon    18679894        18679951        .       +
        .
Parent=Smp_316210.1;Name=4ef17920-8ed6-4614-8776-2b92c104788a
SM_V9_4 iris    exon    18682086        18682380        .       +
        .
Parent=Smp_316210.1;Name=c3d4cc88-78fd-4e6d-93a1-0d671f483d52
SM_V9_4 iris    exon    18683916        18684156        .       +
        .
Parent=Smp_316210.1;Name=55c0f651-3e1f-4fa0-8f0c-33734ee7eda0
SM_V9_4 iris    exon    18686860        18687049        .       +
        .       Parent=Smp_316210.1;Name=e1f3e76c-e2dc-4423-8212-
fcdf545a2867
SM_V9_4 iris    exon    18699104        18699295        .       +
        .       Parent=Smp_316210.1;Name=163218de-3c27-40cb-
b38a-8a77c88cc329
SM_V9_4 iris    exon    18704328        18704597        .       +
        .       Parent=Smp_316210.1;Name=1537c817-387d-469f-89da-
ee3f692a5d78
SM_V9_4 iris    exon    18719126        18719310        .       +
        .       Parent=Smp_316210.1;Name=04988e85-2289-4ade-
b30f-60567baaaa31
SM_V9_4 iris    exon    18719360        18719481        .       +
        .
Parent=Smp_316210.1;Name=d6ccdb50-6d7a-42f3-9869-3ebf11ed2772
SM_V9_4 iris    CDS     18648762        18649070        .       +
        0       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18651213        18651387        .       +
        0       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18655526        18655605        .       +
        2       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18655652        18655855        .       +
        0       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18670387        18670672        .       +
        0       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18671885        18672048        .       +
        2       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18676666        18676931        .       +
        0       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18679894        18679951        .       +
        1       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18682086        18682380        .       +
        0       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18683916        18684156        .       +
        2       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18686860        18687049        .       +
        1       Parent=Smp_316210.1
SM_V9_4 iris    CDS     18699104        18699229        .       +
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        0       Parent=Smp_316210.1
SM_V9_4 Liftoff gene    18726850        18762504        .       +
        .
ID=Smp_316220;geneID=Smp_316220;previous_systematic_id=Smp_110560
SM_V9_4 Liftoff mRNA    18726850        18762504        .       +
        .
ID=Smp_316220.1;Parent=Smp_316220;geneID=Smp_316220;product=Putative
uncharacterized protein
YehQ;polypeptide_domain=InterPro:IPR015919;Ontology_term=GO:0005509,
GO:0016020
SM_V9_4 Liftoff exon    18726850        18728043        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18728694        18728972        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18732286        18732442        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18732481        18732608        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18734751        18734925        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18739083        18739144        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18739191        18739394        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18744324        18744584        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18752769        18752909        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18755971        18756256        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18757469        18757632        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff exon    18762205        18762504        .       +
        .       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18727651        18728043        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18728694        18728972        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18732286        18732442        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18732481        18732608        .       +
        2       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18734751        18734925        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18739083        18739144        .       +
        2       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18739191        18739394        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18744324        18744584        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18752769        18752909        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18755971        18756256        .       +
        0       Parent=Smp_316220.1
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SM_V9_4 Liftoff CDS     18757469        18757632        .       +
        2       Parent=Smp_316220.1
SM_V9_4 Liftoff CDS     18762205        18762480        .       +
        0       Parent=Smp_316220.1
SM_V9_4 Liftoff gene    18770311        18780625        .       -
        .       ID=Smp_316230;geneID=Smp_316230
SM_V9_4 Liftoff mRNA    18770311        18780625        .       -
        .
ID=Smp_316230.1;Parent=Smp_316230;geneID=Smp_316230;product=Tryptoph
an synthase alpha chain
SM_V9_4 Liftoff exon    18770311        18770557        .       -
        .       Parent=Smp_316230.1
SM_V9_4 Liftoff exon    18774466        18774735        .       -
        .       Parent=Smp_316230.1
SM_V9_4 Liftoff exon    18779769        18779960        .       -
        .       Parent=Smp_316230.1
SM_V9_4 Liftoff exon    18780560        18780625        .       -
        .       Parent=Smp_316230.1
SM_V9_4 Liftoff CDS     18770478        18770557        .       -
        2       Parent=Smp_316230.1
SM_V9_4 Liftoff CDS     18774466        18774735        .       -
        2       Parent=Smp_316230.1
SM_V9_4 Liftoff CDS     18779769        18779960        .       -
        2       Parent=Smp_316230.1
SM_V9_4 Liftoff CDS     18780560        18780572        .       -
        0       Parent=Smp_316230.1
SM_V9_4 iris    gene    18805860        18861215        .       -
        .
ID=Smp_316240;geneID=Smp_316240;gene_name=Smp_316240;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    18805860        18861215        .       -
        .
ID=Smp_316240.1;Parent=Smp_316240;geneID=Smp_316240;gene_name=Smp_31
6240;owner=irisadmin@local.host;orig_id=Smp_316240.1;date_last_modif
ied=2022-07-24;Name=Smp_316240.1;product=Pheromone-processing
carboxypeptidase KEX1;date_creation=2022-07-24
SM_V9_4 iris    exon    18805860        18806358        .       -
        .       Parent=Smp_316240.1;Name=543b0623-4be2-499a-
b4c6-5e2bb018b972
SM_V9_4 iris    exon    18806457        18806655        .       -
        .
Parent=Smp_316240.1;Name=29b0702b-814b-4b4a-8c87-7eeebdb2fb60
SM_V9_4 iris    exon    18807293        18807534        .       -
        .       Parent=Smp_316240.1;Name=153083fd-
cf94-46f8-9016-3ab3f0d95d9a
SM_V9_4 iris    exon    18816599        18816796        .       -
        .       Parent=Smp_316240.1;Name=c160eecc-a956-4190-b4e9-
fe55cf32d6a3
SM_V9_4 iris    exon    18816843        18817021        .       -
        .       Parent=Smp_316240.1;Name=2798d5b7-a4bb-4c6f-a502-
c9d352884cb4
SM_V9_4 iris    exon    18821522        18821696        .       -
        .       Parent=Smp_316240.1;Name=4e9dca5f-
bff1-4852-9132-89d5659aa28a
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SM_V9_4 iris    exon    18823841        18824164        .       -
        .
Parent=Smp_316240.1;Name=a322ba44-2a21-445d-9253-78001c5a792a
SM_V9_4 iris    exon    18827476        18827754        .       -
        .
Parent=Smp_316240.1;Name=9060bc8c-7da1-47a3-91ed-91903fa59e4c
SM_V9_4 iris    exon    18828405        18828781        .       -
        .       Parent=Smp_316240.1;Name=0f6fc112-9308-4b85-88bc-
b7edac81c08c
SM_V9_4 iris    exon    18829419        18829489        .       -
        .
Parent=Smp_316240.1;Name=b56d3642-3191-4654-9014-3b56cdda195e
SM_V9_4 iris    exon    18852789        18852978        .       -
        .       Parent=Smp_316240.1;Name=9e6c96ce-ed67-47ef-988e-
bf2349c0fb34
SM_V9_4 iris    exon    18855117        18855357        .       -
        .       Parent=Smp_316240.1;Name=8f32ca2d-
ea09-4af7-8569-287692afb684
SM_V9_4 iris    exon    18857334        18857648        .       -
        .       Parent=Smp_316240.1;Name=ee28d450-40d5-4742-
b1ca-8bcb367a4372
SM_V9_4 iris    exon    18861106        18861215        .       -
        .       Parent=Smp_316240.1;Name=8cb1e1a6-87d5-4df2-
b889-69c1535eb2e5
SM_V9_4 iris    CDS     18806341        18806358        .       -
        0       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18806457        18806655        .       -
        1       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18807293        18807534        .       -
        0       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18816599        18816796        .       -
        0       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18816843        18817021        .       -
        2       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18821522        18821696        .       -
        0       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18823841        18824164        .       -
        0       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18827476        18827754        .       -
        0       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18828405        18828781        .       -
        2       Parent=Smp_316240.1
SM_V9_4 iris    CDS     18829419        18829443        .       -
        0       Parent=Smp_316240.1
SM_V9_4 iris    non_canonical_three_prime_splice_site   18829490
        18829490        .       -       .       ID=Smp_316240.1-
non_canonical_three_prime_splice_site-18829489;Name=Smp_316240.1-
non_canonical_three_prime_splice_site-18829489
SM_V9_4 Liftoff gene    18899436        18899648        .       +
        .       ID=Smp_205780;geneID=Smp_205780
SM_V9_4 Liftoff mRNA    18899436        18899648        .       +
        .
ID=Smp_205780.1;Parent=Smp_205780;geneID=Smp_205780;product=Prokaryo
tic ubiquitin-like protein Pup
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SM_V9_4 Liftoff exon    18899436        18899648        .       +
        .       Parent=Smp_205780.1
SM_V9_4 Liftoff CDS     18899436        18899648        .       +
        0       Parent=Smp_205780.1
SM_V9_4 iris    gene    18947328        18959677        .       -
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ID=Smp_137250;geneID=Smp_137250;gene_name=Smp_137250;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    18947328        18959677        .       -
        .
ID=Smp_137250.1;Parent=Smp_137250;geneID=Smp_137250;gene_name=Smp_13
7250;owner=irisadmin@local.host;orig_id=Smp_137250.1;date_last_modif
ied=2022-07-24;Name=Smp_137250.1;product=Leukocidin-F
subunit;date_creation=2022-07-24
SM_V9_4 iris    exon    18947328        18947551        .       -
        .       Parent=Smp_137250.1;Name=c294eef9-2cc3-4dcb-927c-
bb3bfa08a129
SM_V9_4 iris    exon    18948265        18948534        .       -
        .       Parent=Smp_137250.1;Name=d9c40ceb-b6f9-4db3-9eaa-
e79523e1f055
SM_V9_4 iris    exon    18952985        18953176        .       -
        .
Parent=Smp_137250.1;Name=220dc216-1b48-4bdb-99fd-5582f700903f
SM_V9_4 iris    exon    18953936        18954143        .       -
        .       Parent=Smp_137250.1;Name=b29cb101-25aa-4f9d-ae84-
b4386370355d
SM_V9_4 iris    exon    18958735        18959677        .       -
        .       Parent=Smp_137250.1;Name=0ee014b6-beb2-4b16-878e-
a3b494eb70dd
SM_V9_4 iris    CDS     18947472        18947551        .       -
        2       Parent=Smp_137250.1
SM_V9_4 iris    CDS     18948265        18948534        .       -
        2       Parent=Smp_137250.1
SM_V9_4 iris    CDS     18952985        18953176        .       -
        2       Parent=Smp_137250.1
SM_V9_4 iris    CDS     18953936        18954143        .       -
        0       Parent=Smp_137250.1
SM_V9_4 iris    CDS     18958735        18958986        .       -
        0       Parent=Smp_137250.1
SM_V9_4 Liftoff gene    19000990        19024742        .       -
        .       ID=Smp_204920;geneID=Smp_204920
SM_V9_4 Liftoff mRNA    19000990        19024742        .       -
        .
ID=Smp_204920.1;Parent=Smp_204920;geneID=Smp_204920;product=Inhibito
r of nuclear factor kappa-B kinase subunit alpha
SM_V9_4 Liftoff exon    19000990        19001237        .       -
        .       Parent=Smp_204920.1
SM_V9_4 Liftoff exon    19005534        19005725        .       -
        .       Parent=Smp_204920.1
SM_V9_4 Liftoff exon    19006501        19006708        .       -
        .       Parent=Smp_204920.1
SM_V9_4 Liftoff exon    19022979        19024742        .       -
        .       Parent=Smp_204920.1
SM_V9_4 Liftoff CDS     19001158        19001237        .       -
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        2       Parent=Smp_204920.1
SM_V9_4 Liftoff CDS     19005534        19005725        .       -
        2       Parent=Smp_204920.1
SM_V9_4 Liftoff CDS     19006501        19006708        .       -
        0       Parent=Smp_204920.1
SM_V9_4 Liftoff CDS     19022979        19023653        .       -
        0       Parent=Smp_204920.1
SM_V9_4 iris    gene    19161079        19183749        .       -
        .
ID=Smp_340550;geneID=Smp_340550;gene_name=Smp_340550;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    19161079        19183749        .       -
        .
ID=Smp_340550.1;Parent=Smp_340550;geneID=Smp_340550;gene_name=Smp_34
0550;owner=irisadmin@local.host;orig_id=Smp_340550.1;date_last_modif
ied=2022-07-24;Name=Smp_340550.1;product=Glucose-6-phosphate 1-
epimerase;date_creation=2022-07-24
SM_V9_4 iris    exon    19161079        19161326        .       -
        .       Parent=Smp_340550.1;Name=938d197a-af08-4a91-97cb-
a576a290df96
SM_V9_4 iris    exon    19162041        19162310        .       -
        .       Parent=Smp_340550.1;Name=33277223-b379-481b-8640-
adec0d01d2d3
SM_V9_4 iris    exon    19167609        19167800        .       -
        .
Parent=Smp_340550.1;Name=9471a44a-5b0b-42fb-8431-46368f0e8f8e
SM_V9_4 iris    exon    19168560        19168767        .       -
        .       Parent=Smp_340550.1;Name=62ce88d4-d4a6-43ad-
ac4d-6297ac7af620
SM_V9_4 iris    exon    19177133        19177322        .       -
        .       Parent=Smp_340550.1;Name=66122a51-8a40-4b38-833c-
b4ea70f3e2b1
SM_V9_4 iris    exon    19179129        19179369        .       -
        .       Parent=Smp_340550.1;Name=5a000fef-631d-447a-
bc5b-7efca9877ff7
SM_V9_4 iris    exon    19181318        19183749        .       -
        .       Parent=Smp_340550.1;Name=180f747d-
c3cc-44de-8508-21be7ef0996e
SM_V9_4 iris    CDS     19161247        19161326        .       -
        2       Parent=Smp_340550.1
SM_V9_4 iris    CDS     19162041        19162310        .       -
        2       Parent=Smp_340550.1
SM_V9_4 iris    CDS     19167609        19167800        .       -
        2       Parent=Smp_340550.1
SM_V9_4 iris    CDS     19168560        19168767        .       -
        0       Parent=Smp_340550.1
SM_V9_4 iris    CDS     19177133        19177322        .       -
        1       Parent=Smp_340550.1
SM_V9_4 iris    CDS     19179129        19179369        .       -
        2       Parent=Smp_340550.1
SM_V9_4 iris    CDS     19181318        19181609        .       -
        0       Parent=Smp_340550.1
SM_V9_4 Liftoff gene    19199791        19232022        .       -
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ID=Smp_316250;geneID=Smp_316250;previous_systematic_id=Smp_193740
SM_V9_4 Liftoff mRNA    19199791        19232022        .       -
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ID=Smp_316250.1;Parent=Smp_316250;geneID=Smp_316250;product=Reelin
SM_V9_4 Liftoff exon    19199791        19199890        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19199926        19200211        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19200832        19201030        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19203259        19203500        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19208479        19208739        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19217321        19217505        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19221953        19222127        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19224272        19224595        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19227775        19228053        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19228701        19229077        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19229715        19229794        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19231554        19231605        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff exon    19231655        19232022        .       -
        .       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19199829        19199890        .       -
        2       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19199926        19200211        .       -
        0       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19200832        19201030        .       -
        1       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19203259        19203500        .       -
        0       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19208479        19208739        .       -
        0       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19217321        19217505        .       -
        2       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19221953        19222127        .       -
        0       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19224272        19224595        .       -
        0       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19227775        19228053        .       -
        0       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19228701        19229077        .       -
        2       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19229715        19229794        .       -
        1       Parent=Smp_316250.1
SM_V9_4 Liftoff CDS     19231554        19231605        .       -
        2       Parent=Smp_316250.1
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SM_V9_4 Liftoff CDS     19231655        19231712        .       -
        0       Parent=Smp_316250.1
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        .
ID=Smp_127050;geneID=Smp_127050;gene_name=Smp_127050;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    19246837        19304157        .       -
        .
ID=Smp_127050.1;Parent=Smp_127050;geneID=Smp_127050;gene_name=Smp_12
7050;owner=irisadmin@local.host;orig_id=Smp_127050.1;date_last_modif
ied=2022-07-24;Name=Smp_127050.1;product=DNA repair protein
RAD50;date_creation=2022-07-24
SM_V9_4 iris    exon    19246837        19247009        .       -
        .
Parent=Smp_127050.1;Name=6b20352d-02e1-441e-8fc6-2be3d1d064da
SM_V9_4 iris    exon    19247059        19247187        .       -
        .       Parent=Smp_127050.1;Name=756822bf-5e3a-4b9b-8221-
f6172705defc
SM_V9_4 iris    exon    19248355        19248697        .       -
        .       Parent=Smp_127050.1;Name=7cb307ce-d5f6-4b66-bf85-
b4e514178c00
SM_V9_4 iris    exon    19250266        19250351        .       -
        .       Parent=Smp_127050.1;Name=c3077ff2-9a18-45c9-9707-
c38bc8d97ab5
SM_V9_4 iris    exon    19252483        19252535        .       -
        .
Parent=Smp_127050.1;Name=d4765c27-49dd-4169-8b27-68957290e0c6
SM_V9_4 iris    exon    19253618        19253740        .       -
        .       Parent=Smp_127050.1;Name=0781506d-5160-456c-a147-
e53e91f473ac
SM_V9_4 iris    exon    19254562        19254750        .       -
        .       Parent=Smp_127050.1;Name=86bf4ace-612a-412e-9c9e-
b8f62a82fef7
SM_V9_4 iris    exon    19255975        19256181        .       -
        .
Parent=Smp_127050.1;Name=4a0e2c79-61c6-4b85-8b00-4146caa0475e
SM_V9_4 iris    exon    19256311        19256514        .       -
        .       Parent=Smp_127050.1;Name=6f8e92e1-
fcbb-43af-86ba-3f8127213fc6
SM_V9_4 iris    exon    19256603        19256714        .       -
        .       Parent=Smp_127050.1;Name=5609cbc7-be55-4172-bd72-
a41937125056
SM_V9_4 iris    exon    19257886        19257943        .       -
        .       Parent=Smp_127050.1;Name=34114823-701f-4502-a5eb-
a6e94251fcd2
SM_V9_4 iris    exon    19258497        19258650        .       -
        .       Parent=Smp_127050.1;Name=b1f94231-b403-40f6-
b7ee-019e819fcb0e
SM_V9_4 iris    exon    19260548        19260643        .       -
        .       Parent=Smp_127050.1;Name=0c9569d3-4128-4c24-851f-
d09e2479a8a5
SM_V9_4 iris    exon    19262389        19262502        .       -
        .       Parent=Smp_127050.1;Name=15cd2c5f-dd03-4f09-
a345-0dfed0d30c4f
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SM_V9_4 iris    exon    19263455        19263590        .       -
        .       Parent=Smp_127050.1;Name=b9faab96-8fdc-4aff-aa1a-
dd9d4bd6250c
SM_V9_4 iris    exon    19265127        19265252        .       -
        .       Parent=Smp_127050.1;Name=366ecfcd-c3d1-4348-
aaa9-1df671a37e83
SM_V9_4 iris    exon    19265698        19265952        .       -
        .
Parent=Smp_127050.1;Name=c6afcae5-642f-4304-9f74-46e631f09a15
SM_V9_4 iris    exon    19266081        19266179        .       -
        .       Parent=Smp_127050.1;Name=f473f553-cd8a-4388-b2b3-
c5155a33b4e7
SM_V9_4 iris    exon    19267936        19268048        .       -
        .       Parent=Smp_127050.1;Name=9b4e11c3-7bb0-4c8a-
adc8-2dc68e5474c9
SM_V9_4 iris    exon    19269843        19269944        .       -
        .       Parent=Smp_127050.1;Name=0665df2b-ec0c-4c05-9583-
bf50effc82ce
SM_V9_4 iris    exon    19271855        19271959        .       -
        .       Parent=Smp_127050.1;Name=234c49d6-6d02-49ed-
a70c-8ebb5166cb8c
SM_V9_4 iris    exon    19274061        19274170        .       -
        .
Parent=Smp_127050.1;Name=d42af526-88fb-41b7-847d-3289bcbfeb5e
SM_V9_4 iris    exon    19276030        19276096        .       -
        .       Parent=Smp_127050.1;Name=2ad9e621-d435-4255-
b0d4-422f33d431f4
SM_V9_4 iris    exon    19277875        19277976        .       -
        .       Parent=Smp_127050.1;Name=75e54ec9-bd83-420d-91f4-
e286a6004822
SM_V9_4 iris    exon    19278924        19279000        .       -
        .       Parent=Smp_127050.1;Name=7eea0cea-5fa7-44d3-a43f-
cec223c4cf0e
SM_V9_4 iris    exon    19280403        19280480        .       -
        .
Parent=Smp_127050.1;Name=58f7147a-205c-4b6b-9e16-5091963eec1d
SM_V9_4 iris    exon    19280920        19280980        .       -
        .
Parent=Smp_127050.1;Name=e4ef6e9c-72a9-4fd6-93d1-9bd3f845e59e
SM_V9_4 iris    exon    19283930        19284019        .       -
        .       Parent=Smp_127050.1;Name=98127aa8-a6e8-4fc9-b207-
df2f4911318a
SM_V9_4 iris    exon    19285509        19285577        .       -
        .       Parent=Smp_127050.1;Name=cdee6595-902b-445e-
a3d7-6af4e8367214
SM_V9_4 iris    exon    19288523        19288628        .       -
        .       Parent=Smp_127050.1;Name=8562b203-f5b1-42d4-8b0c-
f7de508e69d2
SM_V9_4 iris    exon    19289395        19289468        .       -
        .       Parent=Smp_127050.1;Name=c9539c55-0c69-4719-84da-
bed2bfbd05c5
SM_V9_4 iris    exon    19290800        19290904        .       -
        .       Parent=Smp_127050.1;Name=bdcea3f3-e08a-4954-
ac6f-19dd386c93a6
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SM_V9_4 iris    exon    19294027        19294134        .       -
        .       Parent=Smp_127050.1;Name=be831f4f-8d3e-4ec5-9b3d-
ae0cf99a3c65
SM_V9_4 iris    exon    19296111        19296197        .       -
        .       Parent=Smp_127050.1;Name=ae3673c2-0e7e-45e3-b4da-
ed3764a9481a
SM_V9_4 iris    exon    19302620        19302748        .       -
        .       Parent=Smp_127050.1;Name=9050104e-
d10f-40f8-8d64-5431327cc354
SM_V9_4 iris    exon    19304108        19304157        .       -
        .       Parent=Smp_127050.1;Name=80daf08d-385f-45ba-
a80c-150941e75115
SM_V9_4 iris    CDS     19246961        19247009        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19247059        19247187        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19248355        19248697        .       -
        2       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19250266        19250351        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19252483        19252535        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19253618        19253740        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19254562        19254750        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19255975        19256181        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19256311        19256514        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19256603        19256714        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19257886        19257943        .       -
        2       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19258497        19258650        .       -
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SM_V9_4 iris    CDS     19260548        19260643        .       -
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SM_V9_4 iris    CDS     19262389        19262502        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19263455        19263590        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19265127        19265252        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19265698        19265952        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19266081        19266179        .       -
        1       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19267936        19268048        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19269843        19269944        .       -
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SM_V9_4 iris    CDS     19271855        19271959        .       -
        0       Parent=Smp_127050.1
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SM_V9_4 iris    CDS     19274061        19274170        .       -
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SM_V9_4 iris    CDS     19276030        19276096        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19277875        19277976        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19278924        19279000        .       -
        2       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19280403        19280480        .       -
        2       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19280920        19280980        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19283930        19284019        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19285509        19285577        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19288523        19288628        .       -
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SM_V9_4 iris    CDS     19289395        19289468        .       -
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SM_V9_4 iris    CDS     19290800        19290904        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19294027        19294134        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19296111        19296197        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    CDS     19302620        19302742        .       -
        0       Parent=Smp_127050.1
SM_V9_4 iris    gene    19379921        19415010        .       -
        .
ID=Smp_342290;geneID=Smp_342290;gene_name=Smp_342290;owner=irisadmin
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SM_V9_4 iris    mRNA    19379921        19415010        .       -
        .
ID=Smp_342290.1;Parent=Smp_342290;geneID=Smp_342290;gene_name=Smp_34
2290;owner=irisadmin@local.host;orig_id=Smp_342290.1;date_last_modif
ied=2022-07-24;Name=Smp_342290.1;product=Rho GTPase-activating
protein 190;date_creation=2022-07-24
SM_V9_4 iris    exon    19379921        19380461        .       -
        .       Parent=Smp_342290.1;Name=5301c31c-5485-4b18-b374-
f2f712d1a025
SM_V9_4 iris    exon    19381596        19381758        .       -
        .
Parent=Smp_342290.1;Name=d8fb2241-4bf4-4946-93fc-6be7edb4a8e6
SM_V9_4 iris    exon    19387023        19387516        .       -
        .       Parent=Smp_342290.1;Name=3274ef5d-
e2fb-41fe-915b-24a00f9b44f6
SM_V9_4 iris    exon    19388396        19388819        .       -
        .       Parent=Smp_342290.1;Name=065d8feb-24ab-48c8-
bb5f-57ef085c5b86
SM_V9_4 iris    exon    19389885        19390067        .       -
        .
Parent=Smp_342290.1;Name=b06e3948-58b4-4165-8161-0b9f4d975f73
SM_V9_4 iris    exon    19393418        19393809        .       -
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        .       Parent=Smp_342290.1;Name=f31268ac-f01f-48ae-
af39-82aaddfb641b
SM_V9_4 iris    exon    19394698        19395202        .       -
        .       Parent=Smp_342290.1;Name=83dd304a-13b3-4f89-
b541-694c84c515a5
SM_V9_4 iris    exon    19396180        19396609        .       -
        .
Parent=Smp_342290.1;Name=ebd8b4ba-0570-46fc-88ea-787a1277e932
SM_V9_4 iris    exon    19398228        19398790        .       -
        .       Parent=Smp_342290.1;Name=1feee712-c62c-41dd-
bfdc-048a174f77f9
SM_V9_4 iris    exon    19410055        19410477        .       -
        .       Parent=Smp_342290.1;Name=344da993-86ea-4812-
a0b1-85b2b717ce62
SM_V9_4 iris    exon    19411804        19411981        .       -
        .       Parent=Smp_342290.1;Name=8a6298ec-20a7-497a-
a66f-8186ab1c3139
SM_V9_4 iris    exon    19414009        19415010        .       -
        .       Parent=Smp_342290.1;Name=d4d68e19-dc88-4f5a-b775-
d4319a24b586
SM_V9_4 iris    CDS     19380454        19380461        .       -
        2       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19381596        19381758        .       -
        0       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19387023        19387516        .       -
        2       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19388396        19388819        .       -
        0       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19389885        19390067        .       -
        0       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19393418        19393809        .       -
        2       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19394698        19395202        .       -
        0       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19396180        19396609        .       -
        1       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19398228        19398790        .       -
        0       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19410055        19410477        .       -
        0       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19411804        19411981        .       -
        1       Parent=Smp_342290.1
SM_V9_4 iris    CDS     19414009        19414847        .       -
        0       Parent=Smp_342290.1
SM_V9_4 Liftoff gene    19415104        19438385        .       +
        .       ID=Smp_127030;geneID=Smp_127030
SM_V9_4 Liftoff mRNA    19415104        19438385        .       +
        .
ID=Smp_127030.1;Parent=Smp_127030;geneID=Smp_127030;product=Leishman
olysin-like peptidase;polypeptide_domain=InterPro:IPR001577
Pfam:PF01457;Ontology_term=GO:0004222,GO:0006508,GO:0007155,GO:00160
20
SM_V9_4 Liftoff exon    19415104        19417462        .       +
        .       Parent=Smp_127030.1
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SM_V9_4 Liftoff exon    19417497        19417588        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19417625        19417748        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19417798        19417967        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19419082        19419187        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19419891        19420003        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19423073        19423184        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19430220        19430327        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19430966        19431042        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19432200        19432310        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19433620        19433908        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19435081        19435153        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19436048        19436178        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19437340        19437507        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff exon    19437899        19438385        .       +
        .       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19417217        19417462        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19417497        19417588        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19417625        19417748        .       +
        1       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19417798        19417967        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19419082        19419187        .       +
        1       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19419891        19420003        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19423073        19423184        .       +
        1       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19430220        19430327        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19430966        19431042        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19432200        19432310        .       +
        1       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19433620        19433908        .       +
        1       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19435081        19435153        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19436048        19436178        .       +
        2       Parent=Smp_127030.1
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SM_V9_4 Liftoff CDS     19437340        19437507        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff CDS     19437899        19438240        .       +
        0       Parent=Smp_127030.1
SM_V9_4 Liftoff gene    19447441        19465380        .       -
        .
ID=Smp_342280;geneID=Smp_342280;previous_systematic_id=Smp_127020
SM_V9_4 Liftoff mRNA    19447441        19465380        .       -
        .
ID=Smp_342280.1;Parent=Smp_342280;geneID=Smp_342280;product=ETS
translocation variant
4;polypeptide_domain=InterPro:IPR000418,IPR011991
Pfam:PF00178;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    19447441        19449371        .       -
        .       Parent=Smp_342280.1
SM_V9_4 Liftoff exon    19451455        19451981        .       -
        .       Parent=Smp_342280.1
SM_V9_4 Liftoff exon    19453070        19453353        .       -
        .       Parent=Smp_342280.1
SM_V9_4 Liftoff exon    19464841        19465380        .       -
        .       Parent=Smp_342280.1
SM_V9_4 Liftoff CDS     19448130        19449371        .       -
        0       Parent=Smp_342280.1
SM_V9_4 Liftoff CDS     19451455        19451981        .       -
        2       Parent=Smp_342280.1
SM_V9_4 Liftoff CDS     19453070        19453353        .       -
        1       Parent=Smp_342280.1
SM_V9_4 Liftoff CDS     19464841        19465166        .       -
        0       Parent=Smp_342280.1
SM_V9_4 iris    gene    19478344        19493988        .       +
        .
ID=Smp_009150;geneID=Smp_009150;gene_name=Smp_009150;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    19478344        19493988        .       +
        .
ID=Smp_009150.1;Parent=Smp_009150;geneID=Smp_009150;gene_name=Smp_00
9150;owner=irisadmin@local.host;orig_id=Smp_009150.1;date_last_modif
ied=2022-07-24;Name=Smp_009150.1;product=Putative 3-oxoacyl-[acyl-
carrier-protein] synthase, mitochondrial;date_creation=2022-07-24
SM_V9_4 iris    exon    19478344        19478515        .       +
        .       Parent=Smp_009150.1;Name=cfb722ff-5bf2-48f6-9b73-
fad85be8878a
SM_V9_4 iris    exon    19481381        19481513        .       +
        .       Parent=Smp_009150.1;Name=daf1c9b8-96a2-4cf9-
ac69-1a0f4363fdd4
SM_V9_4 iris    exon    19481567        19481763        .       +
        .       Parent=Smp_009150.1;Name=6b7d0bfb-e484-4d6a-8cfb-
d7433a2f11f9
SM_V9_4 iris    exon    19483379        19483606        .       +
        .
Parent=Smp_009150.1;Name=fa77fa04-7a18-4d29-83f5-0805491a1492
SM_V9_4 iris    exon    19486282        19486566        .       +
        .
Parent=Smp_009150.1;Name=2eeda89b-62fc-4f7a-9e6e-271b81670c74
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SM_V9_4 iris    exon    19487729        19487829        .       +
        .       Parent=Smp_009150.1;Name=0be47640-ae7d-49c0-
b4b7-39822730e6dd
SM_V9_4 iris    exon    19493430        19493988        .       +
        .
Parent=Smp_009150.1;Name=19f16676-9dd5-400d-923a-87a626bf0315
SM_V9_4 iris    CDS     19481467        19481513        .       +
        0       Parent=Smp_009150.1
SM_V9_4 iris    CDS     19481567        19481763        .       +
        1       Parent=Smp_009150.1
SM_V9_4 iris    CDS     19483379        19483606        .       +
        2       Parent=Smp_009150.1
SM_V9_4 iris    CDS     19486282        19486566        .       +
        2       Parent=Smp_009150.1
SM_V9_4 iris    CDS     19487729        19487829        .       +
        2       Parent=Smp_009150.1
SM_V9_4 iris    CDS     19493430        19493897        .       +
        0       Parent=Smp_009150.1
SM_V9_4 Liftoff gene    19509504        19523890        .       -
        .       ID=Smp_127010;geneID=Smp_127010
SM_V9_4 Liftoff mRNA    19509504        19512130        .       -
        .
ID=Smp_127010.2;Parent=Smp_127010;geneID=Smp_127010;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    19509504        19512130        .       -
        .       Parent=Smp_127010.2
SM_V9_4 Liftoff CDS     19510040        19510915        .       -
        0       Parent=Smp_127010.2
SM_V9_4 Liftoff mRNA    19509504        19523890        .       -
        .
ID=Smp_127010.1;Parent=Smp_127010;geneID=Smp_127010;product=CREB
binding protein;evidence=Traceable Author
Statement;literature=PMID:16427147;polypeptide_domain=InterPro:IPR00
0197,IPR000433,IPR001487,IPR003101,IPR010303,IPR011011,IPR013083,IPR
013178,IPR031162
Pfam:PF00439,PF00569,PF02135,PF02172,PF06001,PF08214;Ontology_term=G
O:0003712,GO:0004402,GO:0005515,GO:0005634,GO:0006355,GO:0008270,GO:
0016573
SM_V9_4 Liftoff exon    19509504        19510861        .       -
        .       Parent=Smp_127010.1
SM_V9_4 Liftoff exon    19513518        19515704        .       -
        .       Parent=Smp_127010.1
SM_V9_4 Liftoff exon    19518143        19519022        .       -
        .       Parent=Smp_127010.1
SM_V9_4 Liftoff exon    19519064        19519168        .       -
        .       Parent=Smp_127010.1
SM_V9_4 Liftoff exon    19519204        19519361        .       -
        .       Parent=Smp_127010.1
SM_V9_4 Liftoff exon    19519399        19520320        .       -
        .       Parent=Smp_127010.1
SM_V9_4 Liftoff exon    19520357        19523890        .       -
        .       Parent=Smp_127010.1
SM_V9_4 Liftoff CDS     19510040        19510861        .       -
        0       Parent=Smp_127010.1
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SM_V9_4 Liftoff CDS     19513518        19515704        .       -
        0       Parent=Smp_127010.1
SM_V9_4 Liftoff CDS     19518143        19519022        .       -
        1       Parent=Smp_127010.1
SM_V9_4 Liftoff CDS     19519064        19519168        .       -
        1       Parent=Smp_127010.1
SM_V9_4 Liftoff CDS     19519204        19519361        .       -
        0       Parent=Smp_127010.1
SM_V9_4 Liftoff CDS     19519399        19520320        .       -
        1       Parent=Smp_127010.1
SM_V9_4 Liftoff CDS     19520357        19520940        .       -
        0       Parent=Smp_127010.1
SM_V9_4 Liftoff mRNA    19513379        19523890        .       -
        .
ID=Smp_127010.3;Parent=Smp_127010;geneID=Smp_127010;product=CREB-
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protein;polypeptide_domain=InterPro:IPR000197,IPR000433,IPR001487,IP
R003101,IPR010303,IPR011011,IPR013083,IPR013178,IPR031162
Pfam:PF00439,PF00569,PF02135,PF02172,PF06001,PF08214;Ontology_term=G
O:0003712,GO:0004402,GO:0005515,GO:0005634,GO:0006355,GO:0008270,GO:
0016573
SM_V9_4 Liftoff exon    19513379        19515704        .       -
        .       Parent=Smp_127010.3
SM_V9_4 Liftoff exon    19518143        19519022        .       -
        .       Parent=Smp_127010.3
SM_V9_4 Liftoff exon    19519064        19519168        .       -
        .       Parent=Smp_127010.3
SM_V9_4 Liftoff exon    19519204        19519361        .       -
        .       Parent=Smp_127010.3
SM_V9_4 Liftoff exon    19519399        19520320        .       -
        .       Parent=Smp_127010.3
SM_V9_4 Liftoff exon    19520357        19523890        .       -
        .       Parent=Smp_127010.3
SM_V9_4 Liftoff CDS     19513464        19515704        .       -
        0       Parent=Smp_127010.3
SM_V9_4 Liftoff CDS     19518143        19519022        .       -
        1       Parent=Smp_127010.3
SM_V9_4 Liftoff CDS     19519064        19519168        .       -
        1       Parent=Smp_127010.3
SM_V9_4 Liftoff CDS     19519204        19519361        .       -
        0       Parent=Smp_127010.3
SM_V9_4 Liftoff CDS     19519399        19520320        .       -
        1       Parent=Smp_127010.3
SM_V9_4 Liftoff CDS     19520357        19520940        .       -
        0       Parent=Smp_127010.3
SM_V9_4 Liftoff gene    19532237        19532404        .       -
        .       ID=Smp_202480;geneID=Smp_202480
SM_V9_4 Liftoff mRNA    19532237        19532404        .       -
        .
ID=Smp_202480.1;Parent=Smp_202480;geneID=Smp_202480;product=UDP-3-O-
acylglucosamine N-acyltransferase
SM_V9_4 Liftoff exon    19532237        19532404        .       -
        .       Parent=Smp_202480.1
SM_V9_4 Liftoff CDS     19532237        19532404        .       -
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        0       Parent=Smp_202480.1
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        .
ID=Smp_346970;geneID=Smp_346970;previous_systematic_id=Smp_127000,Sm
p_197920
SM_V9_4 Liftoff mRNA    19543014        19561542        .       +
        .
ID=Smp_346970.1;Parent=Smp_346970;geneID=Smp_346970;product=Protein
OS-9;polypeptide_domain=InterPro:IPR009011,IPR012913 Pfam:PF07915
SM_V9_4 Liftoff exon    19543014        19543169        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19543204        19543368        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19543408        19543539        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19543581        19543854        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19545482        19545585        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19546829        19547075        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19555546        19555601        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19557569        19557719        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19559935        19560578        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff exon    19560932        19561542        .       +
        .       Parent=Smp_346970.1
SM_V9_4 Liftoff CDS     19543050        19543169        .       +
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SM_V9_4 Liftoff CDS     19543204        19543368        .       +
        0       Parent=Smp_346970.1
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        0       Parent=Smp_346970.1
SM_V9_4 Liftoff CDS     19543581        19543854        .       +
        0       Parent=Smp_346970.1
SM_V9_4 Liftoff CDS     19545482        19545585        .       +
        2       Parent=Smp_346970.1
SM_V9_4 Liftoff CDS     19546829        19547075        .       +
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SM_V9_4 Liftoff CDS     19555546        19555601        .       +
        2       Parent=Smp_346970.1
SM_V9_4 Liftoff CDS     19557569        19557719        .       +
        0       Parent=Smp_346970.1
SM_V9_4 Liftoff CDS     19559935        19560578        .       +
        2       Parent=Smp_346970.1
SM_V9_4 Liftoff CDS     19560932        19561006        .       +
        0       Parent=Smp_346970.1
SM_V9_4 Liftoff gene    19564292        19586490        .       -
        .       ID=Smp_126990;geneID=Smp_126990
SM_V9_4 Liftoff mRNA    19564292        19586490        .       -
        .
ID=Smp_126990.1;Parent=Smp_126990;geneID=Smp_126990;product=Synapsin
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,IPR020897,IPR020898
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GO:0008021,GO:0046872
SM_V9_4 Liftoff exon    19564292        19565341        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19567828        19568535        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19569673        19569782        .       -
        .       Parent=Smp_126990.1
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        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19572164        19572238        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19573326        19573468        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19574220        19574282        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19576308        19576397        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19578019        19578169        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19579020        19579111        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19581386        19581443        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff exon    19585718        19586490        .       -
        .       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19565143        19565341        .       -
        1       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19567828        19568535        .       -
        1       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19569673        19569782        .       -
        0       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19571192        19571294        .       -
        1       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19572164        19572238        .       -
        1       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19573326        19573468        .       -
        0       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19574220        19574282        .       -
        0       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19576308        19576397        .       -
        0       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19578019        19578169        .       -
        1       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19579020        19579111        .       -
        0       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19581386        19581443        .       -
        1       Parent=Smp_126990.1
SM_V9_4 Liftoff CDS     19585718        19586277        .       -
        0       Parent=Smp_126990.1
SM_V9_4 Liftoff gene    19643234        19661589        .       +
        .       ID=Smp_301740;geneID=Smp_301740;note=psid:Smp_197900
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SM_V9_4 Liftoff mRNA    19643234        19661589        .       +
       .
ID=Smp_301740.1;Parent=Smp_301740;geneID=Smp_301740;product=Putative
receptor protein kinase CRINKLY4
SM_V9_4 Liftoff exon    19643234        19649346        .       +
       .       Parent=Smp_301740.1
SM_V9_4 Liftoff exon    19652409        19661589        .       +
       .       Parent=Smp_301740.1
SM_V9_4 Liftoff CDS     19649324        19649346        .       +
       0       Parent=Smp_301740.1
SM_V9_4 Liftoff CDS     19652409        19652601        .       +
       1       Parent=Smp_301740.1
SM_V9_4 Liftoff gene    19674469        19680836        .       -
       .       ID=Smp_009070;geneID=Smp_009070
SM_V9_4 Liftoff mRNA    19674469        19680836        .       -
       .
ID=Smp_009070.1;Parent=Smp_009070;geneID=Smp_009070;product=Zinc
finger protein 182;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    19674469        19676578        .       -
       .       Parent=Smp_009070.1
SM_V9_4 Liftoff exon    19680061        19680836        .       -
       .       Parent=Smp_009070.1
SM_V9_4 Liftoff CDS     19675345        19676578        .       -
       1       Parent=Smp_009070.1
SM_V9_4 Liftoff CDS     19680061        19680590        .       -
       0       Parent=Smp_009070.1
SM_V9_4 Liftoff gene    19680940        19723282        .       +
       .       ID=Smp_126970;geneID=Smp_126970
SM_V9_4 Liftoff mRNA    19680940        19723282        .       +
       .
ID=Smp_126970.1;Parent=Smp_126970;geneID=Smp_126970;product=Cilia-
and flagella-associated protein
43;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_term=GO:
0005515
SM_V9_4 Liftoff exon    19680940        19681014        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19682516        19682769        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19682817        19682910        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19685358        19685525        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19687165        19687301        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19687402        19687532        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19688665        19688731        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19690243        19690757        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19693287        19693367        .       +
       .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19695388        19695536        .       +
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        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19696611        19696714        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19698793        19698936        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19699430        19699632        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19700132        19700281        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19701308        19701438        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19702732        19703119        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19703456        19703581        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19704006        19704278        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19706227        19706308        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19708314        19708405        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19709535        19710053        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19712383        19712616        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19713824        19713993        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19715021        19715321        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19716618        19716855        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19717204        19717237        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19717793        19717883        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19717933        19718013        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19719512        19719668        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff exon    19723075        19723282        .       +
        .       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19680980        19681014        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19682516        19682769        .       +
        1       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19682817        19682910        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19685358        19685525        .       +
        1       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19687165        19687301        .       +
        1       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19687402        19687532        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19688665        19688731        .       +
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        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19690243        19690757        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19693287        19693367        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19695388        19695536        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19696611        19696714        .       +
        1       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19698793        19698936        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19699430        19699632        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19700132        19700281        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19701308        19701438        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19702732        19703119        .       +
        1       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19703456        19703581        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19704006        19704278        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19706227        19706308        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19708314        19708405        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19709535        19710053        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19712383        19712616        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19713824        19713993        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19715021        19715321        .       +
        1       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19716618        19716855        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19717204        19717237        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19717793        19717883        .       +
        1       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19717933        19718013        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19719512        19719668        .       +
        0       Parent=Smp_126970.1
SM_V9_4 Liftoff CDS     19723075        19723235        .       +
        2       Parent=Smp_126970.1
SM_V9_4 Liftoff gene    19735202        19748726        .       -
        .
ID=Smp_340200;geneID=Smp_340200;previous_systematic_id=Smp_009040
SM_V9_4 Liftoff mRNA    19735202        19748726        .       -
        .
ID=Smp_340200.1;Parent=Smp_340200;geneID=Smp_340200;product=POU
domain, class 4, transcription factor
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3;polypeptide_domain=InterPro:IPR000327,IPR001356,IPR009057,IPR01098
2,IPR013087,IPR013847,IPR017970
Pfam:PF00046,PF00157;Ontology_term=GO:0003676,GO:0003677,GO:0003700,
GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    19735202        19748726        .       -
        .       Parent=Smp_340200.1
SM_V9_4 Liftoff CDS     19735640        19738612        .       -
        0       Parent=Smp_340200.1
SM_V9_4 Liftoff gene    19765500        19773304        .       +
        .       ID=Smp_009030;geneID=Smp_009030
SM_V9_4 Liftoff mRNA    19765500        19773304        .       +
        .
ID=Smp_009030.1;Parent=Smp_009030;geneID=Smp_009030;product=Ribonucl
eoside-diphosphate reductase large
subunit;polypeptide_domain=InterPro:IPR000788,IPR005144,IPR008926,IP
R013346,IPR013509
Pfam:PF00317,PF02867,PF03477;Ontology_term=GO:0004748,GO:0005524,GO:
0006260,GO:0055114
SM_V9_4 Liftoff exon    19765500        19765626        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19765661        19765749        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19767881        19768219        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19769161        19769277        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19769314        19769566        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19769667        19770018        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19770438        19770741        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19770835        19771148        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19772321        19772741        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff exon    19772888        19773304        .       +
        .       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19765560        19765626        .       +
        0       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19765661        19765749        .       +
        2       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19767881        19768219        .       +
        0       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19769161        19769277        .       +
        0       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19769314        19769566        .       +
        0       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19769667        19770018        .       +
        2       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19770438        19770741        .       +
        1       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19770835        19771148        .       +
        0       Parent=Smp_009030.1
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SM_V9_4 Liftoff CDS     19772321        19772741        .       +
        1       Parent=Smp_009030.1
SM_V9_4 Liftoff CDS     19772888        19773145        .       +
        0       Parent=Smp_009030.1
SM_V9_4 Liftoff gene    19777784        19788776        .       -
        .       ID=Smp_119310;geneID=Smp_119310
SM_V9_4 Liftoff mRNA    19777784        19788776        .       -
        .
ID=Smp_119310.1;Parent=Smp_119310;geneID=Smp_119310;product=26S
proteasome subunit RPT6;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR003960,
IPR005937,IPR027417,IPR029067
Pfam:PF00004;Ontology_term=GO:0005524,GO:0005737,GO:0016787,GO:00301
63
SM_V9_4 Liftoff exon    19777784        19778126        .       -
        .       Parent=Smp_119310.1
SM_V9_4 Liftoff exon    19787315        19787611        .       -
        .       Parent=Smp_119310.1
SM_V9_4 Liftoff exon    19787643        19787868        .       -
        .       Parent=Smp_119310.1
SM_V9_4 Liftoff exon    19787904        19788381        .       -
        .       Parent=Smp_119310.1
SM_V9_4 Liftoff exon    19788416        19788641        .       -
        .       Parent=Smp_119310.1
SM_V9_4 Liftoff exon    19788719        19788776        .       -
        .       Parent=Smp_119310.1
SM_V9_4 Liftoff CDS     19778073        19778126        .       -
        0       Parent=Smp_119310.1
SM_V9_4 Liftoff CDS     19787315        19787611        .       -
        0       Parent=Smp_119310.1
SM_V9_4 Liftoff CDS     19787643        19787868        .       -
        1       Parent=Smp_119310.1
SM_V9_4 Liftoff CDS     19787904        19788381        .       -
        2       Parent=Smp_119310.1
SM_V9_4 Liftoff CDS     19788416        19788641        .       -
        0       Parent=Smp_119310.1
SM_V9_4 Liftoff CDS     19788719        19788730        .       -
        0       Parent=Smp_119310.1
SM_V9_4 iris    gene    19807142        19828406        .       -
        .
ID=Smp_101310;geneID=Smp_101310;gene_name=Smp_101310;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    19807142        19828406        .       -
        .
ID=Smp_101310.1;Parent=Smp_101310;geneID=Smp_101310;gene_name=Smp_10
1310;owner=irisadmin@local.host;orig_id=Smp_101310.1;date_last_modif
ied=2022-07-24;Name=Smp_101310.1;product=Histone H4 transcription
factor;date_creation=2022-07-24
SM_V9_4 iris    exon    19807142        19808030        .       -
        .       Parent=Smp_101310.1;Name=84aa443b-8666-4c1b-a27f-
fe402407b8c5
SM_V9_4 iris    exon    19810176        19810517        .       -
        .       Parent=Smp_101310.1;Name=a78bcc30-aca4-4b64-
b1eb-477bdac16f3d
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SM_V9_4 iris    exon    19813221        19813415        .       -
        .       Parent=Smp_101310.1;Name=33fb1374-df40-4c9d-b5c0-
ee897ecd6171
SM_V9_4 iris    exon    19815776        19815929        .       -
        .
Parent=Smp_101310.1;Name=02464b27-9bc4-429d-8efe-0c69c4d6fb30
SM_V9_4 iris    exon    19818445        19818669        .       -
        .       Parent=Smp_101310.1;Name=fd3cbf42-ff32-4dfe-96e5-
ca3324c31f9d
SM_V9_4 iris    exon    19820267        19820572        .       -
        .
Parent=Smp_101310.1;Name=3757b7cc-6b70-4254-8b43-832af21f8b26
SM_V9_4 iris    exon    19821023        19821163        .       -
        .       Parent=Smp_101310.1;Name=71413687-607e-41e0-
a710-9ae5136a1cb5
SM_V9_4 iris    exon    19827524        19827637        .       -
        .
Parent=Smp_101310.1;Name=7dbd37f7-6746-4f87-8f77-5047891e4998
SM_V9_4 iris    exon    19828342        19828406        .       -
        .       Parent=Smp_101310.1;Name=85effdf3-860d-47cd-
bd02-0d3c1ed4f6ad
SM_V9_4 iris    CDS     19807816        19808030        .       -
        2       Parent=Smp_101310.1
SM_V9_4 iris    CDS     19810176        19810517        .       -
        2       Parent=Smp_101310.1
SM_V9_4 iris    CDS     19813221        19813415        .       -
        2       Parent=Smp_101310.1
SM_V9_4 iris    CDS     19815776        19815929        .       -
        0       Parent=Smp_101310.1
SM_V9_4 iris    CDS     19818445        19818669        .       -
        0       Parent=Smp_101310.1
SM_V9_4 iris    CDS     19820267        19820572        .       -
        0       Parent=Smp_101310.1
SM_V9_4 iris    CDS     19821023        19821148        .       -
        0       Parent=Smp_101310.1
SM_V9_4 iris    gene    19851418        19858256        .       +
        .
ID=Smp_009020;geneID=Smp_009020;gene_name=Smp_009020;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    19851418        19858256        .       +
        .
ID=Smp_009020.1;Parent=Smp_009020;geneID=Smp_009020;gene_name=Smp_00
9020;owner=irisadmin@local.host;orig_id=Smp_009020.1;date_last_modif
ied=2022-07-24;Name=Smp_009020.1;product=Zinc finger protein
Eos;date_creation=2022-07-24
SM_V9_4 iris    exon    19851418        19851576        .       +
        .       Parent=Smp_009020.1;Name=00096331-9e67-47df-
af4c-45d137f56b9f
SM_V9_4 iris    exon    19854431        19855663        .       +
        .       Parent=Smp_009020.1;Name=d63aedde-
a930-4c32-8eff-0364327dbcd4
SM_V9_4 iris    exon    19857758        19858256        .       +
        .       Parent=Smp_009020.1;Name=25971ec4-1cc3-4cab-ab2f-
abedb122407a
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SM_V9_4 iris    CDS     19854440        19855663        .       +
        0       Parent=Smp_009020.1
SM_V9_4 iris    CDS     19857758        19858159        .       +
        0       Parent=Smp_009020.1
SM_V9_4 Liftoff gene    19903801        19906016        .       -
        .       ID=Smp_202470;geneID=Smp_202470
SM_V9_4 Liftoff mRNA    19903801        19906016        .       -
        .
ID=Smp_202470.1;Parent=Smp_202470;geneID=Smp_202470;product=Dopamine
receptor 4;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    19903801        19906016        .       -
        .       Parent=Smp_202470.1
SM_V9_4 Liftoff CDS     19904238        19905929        .       -
        0       Parent=Smp_202470.1
SM_V9_4 iris    gene    19932508        19990283        .       -
        .
ID=Smp_336730;geneID=Smp_336730;gene_name=Smp_336730;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    19932508        19990283        .       -
        .
ID=Smp_336730.1;Parent=Smp_336730;geneID=Smp_336730;gene_name=Smp_33
6730;owner=irisadmin@local.host;orig_id=Smp_336730.1;date_last_modif
ied=2022-07-24;Name=Smp_336730.1;product=Hypothetical
protein;date_creation=2022-07-24
SM_V9_4 iris    exon    19932508        19933074        .       -
        .       Parent=Smp_336730.1;Name=70c3bd3d-2fb8-4dab-
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SM_V9_4 iris    exon    19942263        19943593        .       -
        .       Parent=Smp_336730.1;Name=3fd4d212-0dfb-4dd9-b74f-
bb3fb7a24cfd
SM_V9_4 iris    exon    19952176        19952319        .       -
        .       Parent=Smp_336730.1;Name=c3d25cbd-d031-4288-
a7c2-93cb9e7bed1c
SM_V9_4 iris    exon    19953562        19954260        .       -
        .       Parent=Smp_336730.1;Name=917ce74b-7ee6-461c-a6f2-
f11788d274c6
SM_V9_4 iris    exon    19955786        19956352        .       -
        .       Parent=Smp_336730.1;Name=7eed589e-9120-4a74-9e2e-
c88e60914fe2
SM_V9_4 iris    exon    19957623        19958033        .       -
        .       Parent=Smp_336730.1;Name=5b4ee003-86fb-41b8-be66-
cdf9c68521d6
SM_V9_4 iris    exon    19962978        19963128        .       -
        .       Parent=Smp_336730.1;Name=694c002b-1228-441c-
b4a3-0317bead4cba
SM_V9_4 iris    exon    19967057        19967295        .       -
        .       Parent=Smp_336730.1;Name=f184ca46-9c84-4a4e-ae50-
ef5700167f23
SM_V9_4 iris    exon    19968959        19969423        .       -
        .       Parent=Smp_336730.1;Name=fd6aefb0-a3c6-43c4-
a02c-9d18bbc429f3
SM_V9_4 iris    exon    19971960        19972298        .       -
        .       Parent=Smp_336730.1;Name=1981c3d8-8b60-4737-
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a792-69313f9b916d
SM_V9_4 iris    exon    19974021        19974401        .       -
        .       Parent=Smp_336730.1;Name=8ccf578c-393b-4d87-a31b-
b435bc5eed4c
SM_V9_4 iris    exon    19977888        19978418        .       -
        .
Parent=Smp_336730.1;Name=8f432888-4ae8-4f9b-9b3d-6a8e5c76bfa0
SM_V9_4 iris    exon    19985289        19985340        .       -
        .
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        2       Parent=Smp_336730.1
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SM_V9_4 iris    CDS     19985289        19985331        .       -
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SM_V9_4 Liftoff exon    20016484        20016585        .       -
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        .       Parent=Smp_197880.1
SM_V9_4 Liftoff exon    20026238        20026339        .       -
        .       Parent=Smp_197880.1
SM_V9_4 Liftoff exon    20026388        20026467        .       -
        .       Parent=Smp_197880.1
SM_V9_4 Liftoff exon    20027994        20028104        .       -
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SM_V9_4 Liftoff exon    20028605        20028790        .       -
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SM_V9_4 Liftoff exon    20029691        20029828        .       -
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SM_V9_4 Liftoff exon    20031441        20031629        .       -
        .       Parent=Smp_197880.1
SM_V9_4 Liftoff exon    20032047        20032429        .       -
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SM_V9_4 Liftoff exon    20033500        20033638        .       -
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        .       Parent=Smp_197880.1
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SM_V9_4 Liftoff exon    20048085        20048919        .       -
        .       Parent=Smp_197880.1
SM_V9_4 Liftoff exon    20049398        20049461        .       -
        .       Parent=Smp_197880.1
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SM_V9_4 Liftoff CDS     20019917        20020184        .       -
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SM_V9_4 Liftoff CDS     20027994        20028104        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20028605        20028790        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20029691        20029828        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20031441        20031629        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20032047        20032429        .       -
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SM_V9_4 Liftoff CDS     20033500        20033638        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20038026        20038094        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20039376        20039489        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20040705        20040790        .       -
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SM_V9_4 Liftoff CDS     20042739        20043090        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20043763        20043852        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20046188        20046280        .       -
        1       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20048085        20048919        .       -
        2       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20049398        20049461        .       -
        0       Parent=Smp_197880.1
SM_V9_4 Liftoff CDS     20050984        20051019        .       -
        0       Parent=Smp_197880.1
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SM_V9_4 Liftoff exon    20057589        20057688        .       -
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SM_V9_4 Liftoff CDS     20053815        20054065        .       -
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SM_V9_4 Liftoff CDS     20062426        20062500        .       -
        1       Parent=Smp_126920.1
SM_V9_4 Liftoff CDS     20063951        20064156        .       -
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ID=Smp_126910.1;Parent=Smp_126910;geneID=Smp_126910;gene_name=Smp_12
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ied=2022-07-24;Name=Smp_126910.1;product=Periodic tryptophan protein
2 homolog;date_creation=2022-07-24
SM_V9_4 iris    exon    20074500        20074563        .       +
        .       Parent=Smp_126910.1;Name=e3dfd45d-5291-41df-b1d6-
af29ab294306
SM_V9_4 iris    exon    20074598        20074710        .       +
        .       Parent=Smp_126910.1;Name=027516f7-5f63-44f2-87f3-
b29747121c99
SM_V9_4 iris    exon    20074748        20074842        .       +
        .       Parent=Smp_126910.1;Name=4f88f687-2146-4229-
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SM_V9_4 iris    exon    20074884        20074983        .       +
        .       Parent=Smp_126910.1;Name=634d4287-3959-462a-80c0-
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SM_V9_4 iris    exon    20075016        20075159        .       +
        .       Parent=Smp_126910.1;Name=d87fe353-99cc-4185-
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        .
Parent=Smp_126910.1;Name=1e0f9c6b-433b-475b-8c0a-6bb7e85f9744
SM_V9_4 iris    exon    20077209        20077568        .       +
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SM_V9_4 iris    exon    20082616        20082799        .       +
        .       Parent=Smp_126910.1;Name=1a24efb6-427e-4302-bb03-
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SM_V9_4 iris    exon    20083135        20083454        .       +
        .       Parent=Smp_126910.1;Name=a8e54b54-4985-4793-a9e6-
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SM_V9_4 iris    exon    20083593        20083868        .       +
        .       Parent=Smp_126910.1;Name=a2843995-43b1-4921-934d-
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SM_V9_4 iris    CDS     20074748        20074842        .       +
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        1       Parent=Smp_126910.1
SM_V9_4 iris    CDS     20075190        20075441        .       +
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SM_V9_4 iris    CDS     20076340        20076492        .       +
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SM_V9_4 iris    CDS     20077209        20077568        .       +
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SM_V9_4 iris    CDS     20079231        20079574        .       +
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SM_V9_4 iris    CDS     20082616        20082799        .       +
        2       Parent=Smp_126910.1
SM_V9_4 iris    CDS     20083135        20083454        .       +
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SM_V9_4 iris    CDS     20083593        20083868        .       +
        2       Parent=Smp_126910.1
SM_V9_4 iris    CDS     20085580        20085934        .       +
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SM_V9_4 iris    CDS     20090661        20090775        .       +
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channel 1;date_creation=2022-07-24
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SM_V9_4 iris    exon    20205689        20206403        .       +
        .       Parent=Smp_334180.1;Name=a82b505c-ae7d-4ff1-93af-
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SM_V9_4 iris    exon    20212510        20213594        .       +
        .
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SM_V9_4 iris    CDS     20137519        20137613        .       +
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SM_V9_4 iris    CDS     20151265        20151390        .       +
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SM_V9_4 iris    CDS     20157153        20157277        .       +
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SM_V9_4 iris    CDS     20195098        20195176        .       +
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SM_V9_4 iris    CDS     20197305        20197480        .       +
        2       Parent=Smp_334180.1
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        0       Parent=Smp_334180.1
SM_V9_4 iris    CDS     20205689        20206403        .       +
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ID=Smp_008900.1;Parent=Smp_008900;geneID=Smp_008900;gene_name=Smp_00
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        .       Parent=Smp_008900.1;Name=27999c79-d646-457f-9a8b-
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        .       Parent=Smp_008900.1;Name=7fc9b3e7-b725-4251-93fb-
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SM_V9_4 iris    exon    20237418        20237469        .       -
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SM_V9_4 iris    CDS     20219197        20219415        .       -
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SM_V9_4 iris    CDS     20220676        20220797        .       -
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SM_V9_4 iris    CDS     20222039        20222485        .       -
        2       Parent=Smp_008900.1
SM_V9_4 iris    CDS     20222792        20223262        .       -
        2       Parent=Smp_008900.1
SM_V9_4 iris    CDS     20224298        20224418        .       -
        0       Parent=Smp_008900.1
SM_V9_4 iris    CDS     20232374        20232727        .       -
        0       Parent=Smp_008900.1
SM_V9_4 iris    CDS     20233454        20234227        .       -
        0       Parent=Smp_008900.1
SM_V9_4 iris    CDS     20234917        20235195        .       -
        0       Parent=Smp_008900.1
SM_V9_4 iris    non_canonical_five_prime_splice_site    20236537
        20236537        .       -       .       ID=Smp_008900.1-
non_canonical_five_prime_splice_site-20236536;Name=Smp_008900.1-
non_canonical_five_prime_splice_site-20236536
SM_V9_4 Liftoff gene    20295797        20321153        .       +
        .
ID=Smp_347090;geneID=Smp_347090;previous_systematic_id=Smp_126890,Sm
p_199690
SM_V9_4 Liftoff mRNA    20295797        20321153        .       +
        .
ID=Smp_347090.1;Parent=Smp_347090;geneID=Smp_347090;product=Cardioac
celeratory peptide receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR001817,IPR017
452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0005000,GO:0007186,GO:00160
21
SM_V9_4 Liftoff exon    20295797        20296026        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff exon    20307062        20307200        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff exon    20309864        20309967        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff exon    20312811        20312916        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff exon    20313966        20314108        .       +
        .       Parent=Smp_347090.1
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SM_V9_4 Liftoff exon    20316107        20316455        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff exon    20317457        20317563        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff exon    20318336        20318433        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff exon    20318581        20321153        .       +
        .       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20295901        20296026        .       +
        0       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20307062        20307200        .       +
        0       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20309864        20309967        .       +
        2       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20312811        20312916        .       +
        0       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20313966        20314108        .       +
        2       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20316107        20316455        .       +
        0       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20317457        20317563        .       +
        2       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20318336        20318433        .       +
        0       Parent=Smp_347090.1
SM_V9_4 Liftoff CDS     20318581        20318605        .       +
        1       Parent=Smp_347090.1
SM_V9_4 iris    gene    20364170        20376807        .       +
        .
ID=Smp_346580;geneID=Smp_346580;gene_name=Smp_346580;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    20364170        20376807        .       +
        .
ID=Smp_346580.1;Parent=Smp_346580;geneID=Smp_346580;gene_name=Smp_34
6580;owner=irisadmin@local.host;orig_id=Smp_346580.1;date_last_modif
ied=2022-07-24;Name=Smp_346580.1;product=Kinesin-like protein
KIF17;date_creation=2022-07-24
SM_V9_4 iris    exon    20364170        20364413        .       +
        .       Parent=Smp_346580.1;Name=6309aeec-6824-46cc-
b440-9315826c46d4
SM_V9_4 iris    exon    20364455        20364818        .       +
        .
Parent=Smp_346580.1;Name=3bb7041b-5586-4226-8ea6-9ea61fa95c1b
SM_V9_4 iris    exon    20366039        20366249        .       +
        .       Parent=Smp_346580.1;Name=7d2ea030-c80a-4658-9902-
cee1f106ec53
SM_V9_4 iris    exon    20368216        20368494        .       +
        .       Parent=Smp_346580.1;Name=916355de-6220-4075-a89c-
ef256b6ebc99
SM_V9_4 iris    exon    20368533        20368554        .       +
        .       Parent=Smp_346580.1;Name=44b0f305-e1af-4529-
be17-1a97d5dcee74
SM_V9_4 iris    exon    20372752        20373107        .       +
        .       Parent=Smp_346580.1;Name=f3b8ade5-1d2d-4e45-9340-
d2e1cfe48231
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SM_V9_4 iris    exon    20373607        20373766        .       +
        .       Parent=Smp_346580.1;Name=9240892a-f295-4d0e-a4e7-
f85c0370b9da
SM_V9_4 iris    exon    20376068        20376215        .       +
        .       Parent=Smp_346580.1;Name=16edeeba-8f44-41b9-
a8a4-5ead9bf0c7f1
SM_V9_4 iris    exon    20376343        20376807        .       +
        .
Parent=Smp_346580.1;Name=b1966554-6199-42ff-8586-42f3d841a06e
SM_V9_4 iris    CDS     20364472        20364818        .       +
        0       Parent=Smp_346580.1
SM_V9_4 iris    CDS     20366039        20366249        .       +
        1       Parent=Smp_346580.1
SM_V9_4 iris    CDS     20368216        20368494        .       +
        0       Parent=Smp_346580.1
SM_V9_4 iris    CDS     20368533        20368554        .       +
        0       Parent=Smp_346580.1
SM_V9_4 iris    CDS     20372752        20373107        .       +
        2       Parent=Smp_346580.1
SM_V9_4 iris    CDS     20373607        20373766        .       +
        0       Parent=Smp_346580.1
SM_V9_4 iris    CDS     20376068        20376215        .       +
        2       Parent=Smp_346580.1
SM_V9_4 iris    CDS     20376343        20376370        .       +
        1       Parent=Smp_346580.1
SM_V9_4 iris    gene    20376960        20391605        .       +
        .
ID=Smp_346585;geneID=Smp_346585;gene_name=Smp_346585;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    20376960        20391605        .       +
        .
ID=Smp_346585.1;Parent=Smp_346585;geneID=Smp_346585;gene_name=Smp_34
6585;owner=irisadmin@local.host;orig_id=Smp_346580.3;date_last_modif
ied=2022-07-24;Name=Smp_346585.1;date_creation=2022-07-24
SM_V9_4 iris    exon    20376960        20377071        .       +
        .       Parent=Smp_346585.1;Name=4460fdbf-8bb4-4f52-
b7b5-1de5c5cdd282
SM_V9_4 iris    exon    20377121        20377658        .       +
        .       Parent=Smp_346585.1;Name=f0a76d60-db33-4c31-b86d-
b9adc0a1c88f
SM_V9_4 iris    exon    20379338        20379528        .       +
        .       Parent=Smp_346585.1;Name=b1032f36-4990-4351-
baec-164cfc475989
SM_V9_4 iris    exon    20384517        20384776        .       +
        .       Parent=Smp_346585.1;Name=8fe6bded-69c8-46bc-8acb-
e8c2c1492f6f
SM_V9_4 iris    exon    20391174        20391605        .       +
        .       Parent=Smp_346585.1;Name=3f2ef335-
eebf-4c24-8db5-18138a37ff6d
SM_V9_4 iris    CDS     20377548        20377658        .       +
        0       Parent=Smp_346585.1
SM_V9_4 iris    CDS     20379338        20379528        .       +
        0       Parent=Smp_346585.1
SM_V9_4 iris    CDS     20384517        20384776        .       +
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        1       Parent=Smp_346585.1
SM_V9_4 iris    CDS     20391174        20391436        .       +
        2       Parent=Smp_346585.1
SM_V9_4 Liftoff gene    20392745        20400716        .       -
        .
ID=Smp_346590;geneID=Smp_346590;previous_systematic_id=Smp_179060
SM_V9_4 Liftoff mRNA    20392745        20400716        .       -
        .
ID=Smp_346590.1;Parent=Smp_346590;geneID=Smp_346590;product=Transmem
brane protein 115
SM_V9_4 Liftoff exon    20392745        20393325        .       -
        .       Parent=Smp_346590.1
SM_V9_4 Liftoff exon    20398179        20398352        .       -
        .       Parent=Smp_346590.1
SM_V9_4 Liftoff exon    20399920        20400716        .       -
        .       Parent=Smp_346590.1
SM_V9_4 Liftoff CDS     20393106        20393325        .       -
        1       Parent=Smp_346590.1
SM_V9_4 Liftoff CDS     20398179        20398352        .       -
        1       Parent=Smp_346590.1
SM_V9_4 Liftoff CDS     20399920        20400257        .       -
        0       Parent=Smp_346590.1
SM_V9_4 Liftoff gene    20414240        20432974        .       +
        .
ID=Smp_340190;geneID=Smp_340190;previous_systematic_id=Smp_008860
SM_V9_4 Liftoff mRNA    20414240        20432974        .       +
        .
ID=Smp_340190.1;Parent=Smp_340190;geneID=Smp_340190;product=Phosphol
ipid scramblase 2;polypeptide_domain=InterPro:IPR005552,IPR025659
Pfam:PF03803
SM_V9_4 Liftoff exon    20414240        20416316        .       +
        .       Parent=Smp_340190.1
SM_V9_4 Liftoff exon    20421687        20421764        .       +
        .       Parent=Smp_340190.1
SM_V9_4 Liftoff exon    20424719        20424848        .       +
        .       Parent=Smp_340190.1
SM_V9_4 Liftoff exon    20429574        20429766        .       +
        .       Parent=Smp_340190.1
SM_V9_4 Liftoff exon    20430809        20430970        .       +
        .       Parent=Smp_340190.1
SM_V9_4 Liftoff exon    20431579        20432974        .       +
        .       Parent=Smp_340190.1
SM_V9_4 Liftoff CDS     20416220        20416316        .       +
        0       Parent=Smp_340190.1
SM_V9_4 Liftoff CDS     20421687        20421764        .       +
        2       Parent=Smp_340190.1
SM_V9_4 Liftoff CDS     20424719        20424848        .       +
        2       Parent=Smp_340190.1
SM_V9_4 Liftoff CDS     20429574        20429766        .       +
        1       Parent=Smp_340190.1
SM_V9_4 Liftoff CDS     20430809        20430970        .       +
        0       Parent=Smp_340190.1
SM_V9_4 Liftoff CDS     20431579        20431614        .       +
        0       Parent=Smp_340190.1
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SM_V9_4 Liftoff gene    20437733        20485886        .       -
        .
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SM_V9_4 Liftoff mRNA    20437733        20485886        .       -
        .
ID=Smp_313100.1;Parent=Smp_313100;geneID=Smp_313100;product=Protein
delta homolog 2;polypeptide_domain=InterPro:IPR000421,IPR008979
SM_V9_4 Liftoff exon    20437733        20438019        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20442966        20443235        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20445431        20445604        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20447280        20447448        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20448448        20448752        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20451171        20451399        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20452696        20452885        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20453619        20453874        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20456375        20456675        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20457941        20458147        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20460465        20460540        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20462176        20462441        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20463171        20463337        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20465270        20465558        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20465865        20466066        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20467957        20468198        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20471795        20472061        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20472691        20472897        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20475535        20475716        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20477447        20477609        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20478683        20479006        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20480218        20480493        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20482002        20482411        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20483730        20483806        .       -
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        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20485700        20485772        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff exon    20485815        20485886        .       -
        .       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20437946        20438019        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20442966        20443235        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20445431        20445604        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20447280        20447448        .       -
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SM_V9_4 Liftoff CDS     20448448        20448752        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20451171        20451399        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20452696        20452885        .       -
        1       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20453619        20453874        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20456375        20456675        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20457941        20458147        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20460465        20460540        .       -
        1       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20462176        20462441        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20463171        20463337        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20465270        20465558        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20465865        20466066        .       -
        1       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20467957        20468198        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20471795        20472061        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20472691        20472897        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20475535        20475716        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20477447        20477609        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20478683        20479006        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20480218        20480493        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20482002        20482411        .       -
        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20483730        20483806        .       -
        1       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20485700        20485772        .       -
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        2       Parent=Smp_313100.1
SM_V9_4 Liftoff CDS     20485815        20485836        .       -
        0       Parent=Smp_313100.1
SM_V9_4 Liftoff gene    20513498        20543521        .       -
        .
ID=Smp_313110;geneID=Smp_313110;previous_systematic_id=Smp_126880
SM_V9_4 Liftoff mRNA    20513498        20543521        .       -
        .
ID=Smp_313110.1;Parent=Smp_313110;geneID=Smp_313110;product=50S
ribosomal protein L25
SM_V9_4 Liftoff exon    20513498        20513647        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20514325        20514591        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20514689        20514862        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20516583        20516751        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20517200        20517477        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20519401        20519614        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20520687        20520888        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20522298        20522529        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20523507        20523810        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20525322        20525528        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20526423        20526495        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20527342        20527625        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20528130        20528302        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20529807        20530092        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20530603        20530810        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20532383        20532624        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20533783        20534049        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20535336        20535539        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20537429        20537610        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20538433        20538610        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20540821        20541150        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff exon    20542654        20542935        .       -
        .       Parent=Smp_313110.1
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SM_V9_4 Liftoff exon    20543128        20543521        .       -
        .       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20513580        20513647        .       -
        2       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20514325        20514591        .       -
        2       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20514689        20514862        .       -
        2       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20516583        20516751        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20517200        20517477        .       -
        2       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20519401        20519614        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20520687        20520888        .       -
        1       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20522298        20522529        .       -
        2       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20523507        20523810        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20525322        20525528        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20526423        20526495        .       -
        1       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20527342        20527625        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20528130        20528302        .       -
        2       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20529807        20530092        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20530603        20530810        .       -
        1       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20532383        20532624        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20533783        20534049        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20535336        20535539        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20537429        20537610        .       -
        2       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20538433        20538610        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20540821        20541150        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20542654        20542935        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff CDS     20543128        20543451        .       -
        0       Parent=Smp_313110.1
SM_V9_4 Liftoff gene    20590885        20593069        .       +
        .       ID=Smp_008850;geneID=Smp_008850
SM_V9_4 Liftoff mRNA    20590885        20593069        .       +
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ID=Smp_008850.1;Parent=Smp_008850;geneID=Smp_008850;product=FMRFamid
e receptor;literature=PMID:22145649
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PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
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        .       Parent=Smp_008850.1
SM_V9_4 Liftoff CDS     20590924        20592471        .       +
        0       Parent=Smp_008850.1
SM_V9_4 Liftoff gene    20715161        20715268        .       +
        .
ID=Smp_198100;geneID=Smp_198100;previous_systematic_id=Smp_029620
SM_V9_4 Liftoff mRNA    20715161        20715268        .       +
        .
ID=Smp_198100.1;Parent=Smp_198100;geneID=Smp_198100;product=Cytochro
me c biogenesis protein CcsA
SM_V9_4 Liftoff exon    20715161        20715268        .       +
        .       Parent=Smp_198100.1
SM_V9_4 Liftoff CDS     20715161        20715268        .       +
        0       Parent=Smp_198100.1
SM_V9_4 iris    gene    20785045        20821414        .       +
        .
ID=Smp_342270;geneID=Smp_342270;gene_name=Smp_342270;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    20785045        20821414        .       +
        .
ID=Smp_342270.1;Parent=Smp_342270;geneID=Smp_342270;gene_name=Smp_34
2270;owner=irisadmin@local.host;orig_id=Smp_342270.1;date_last_modif
ied=2022-07-24;Name=Smp_342270.1;product=Homeobox protein
Nkx-6.1;date_creation=2022-07-24
SM_V9_4 iris    exon    20785045        20787429        .       +
        .       Parent=Smp_342270.1;Name=30c2db94-87c5-4e22-
a6c9-90d7b2ef1f28
SM_V9_4 iris    exon    20806784        20806959        .       +
        .       Parent=Smp_342270.1;Name=6d20fa2d-9691-4f2e-9e79-
f213650eb628
SM_V9_4 iris    exon    20819438        20821414        .       +
        .
Parent=Smp_342270.1;Name=7fc17ef0-792f-4d1e-9e64-87c14f5ea24c
SM_V9_4 iris    CDS     20785692        20787429        .       +
        0       Parent=Smp_342270.1
SM_V9_4 iris    CDS     20806784        20806959        .       +
        2       Parent=Smp_342270.1
SM_V9_4 iris    CDS     20819438        20820415        .       +
        0       Parent=Smp_342270.1
SM_V9_4 iris    gene    20842165        20856488        .       +
        .
ID=Smp_008830;geneID=Smp_008830;gene_name=Smp_008830;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    20842165        20856488        .       +
        .
ID=Smp_008830.1;Parent=Smp_008830;geneID=Smp_008830;gene_name=Smp_00
8830;owner=irisadmin@local.host;orig_id=Smp_008830.1;date_last_modif
ied=2022-07-24;Name=Smp_008830.1;product=Probable global
transcription activator SNF2L1;date_creation=2022-07-24
SM_V9_4 iris    exon    20842165        20842210        .       +
        .       Parent=Smp_008830.1;Name=261b8915-6b4f-4150-
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bbe1-2c6502215c6a
SM_V9_4 iris    exon    20843497        20843547        .       +
        .       Parent=Smp_008830.1;Name=d373bf89-4562-4a3d-8b4d-
b4bb31850855
SM_V9_4 iris    exon    20846379        20846530        .       +
        .       Parent=Smp_008830.1;Name=aae8b55f-780b-44d7-
bfce-2c0d50f2354e
SM_V9_4 iris    exon    20846571        20846671        .       +
        .
Parent=Smp_008830.1;Name=62c1f03c-4bf6-4b7a-8e71-35890f594164
SM_V9_4 iris    exon    20846711        20846991        .       +
        .
Parent=Smp_008830.1;Name=3fc8f520-5996-4c08-853e-76a61fc9be00
SM_V9_4 iris    exon    20847036        20847851        .       +
        .       Parent=Smp_008830.1;Name=429359c0-fb25-4bfa-ad0f-
a61f7007aac2
SM_V9_4 iris    exon    20849372        20849657        .       +
        .       Parent=Smp_008830.1;Name=6efb0e95-b651-48f4-
beb4-66d787179c16
SM_V9_4 iris    exon    20851218        20851522        .       +
        .       Parent=Smp_008830.1;Name=24e9e422-e80b-4f23-
aada-0c10744c6ac2
SM_V9_4 iris    exon    20851704        20851897        .       +
        .       Parent=Smp_008830.1;Name=04f7e2d3-c037-46e3-90d7-
a77148c43e6a
SM_V9_4 iris    exon    20854220        20854364        .       +
        .       Parent=Smp_008830.1;Name=505b2ba4-e718-4134-
a66b-6f328e35b0e8
SM_V9_4 iris    exon    20854472        20854660        .       +
        .       Parent=Smp_008830.1;Name=e7643251-
d648-4da0-801f-3a8bb3a7beac
SM_V9_4 iris    exon    20855697        20855966        .       +
        .       Parent=Smp_008830.1;Name=cc86dde5-47ca-484f-8401-
bcec372e0a2a
SM_V9_4 iris    exon    20856101        20856488        .       +
        .       Parent=Smp_008830.1;Name=3ee466b4-1964-41e7-a453-
a62da86d8bca
SM_V9_4 iris    CDS     20843497        20843547        .       +
        0       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20846379        20846530        .       +
        0       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20846571        20846671        .       +
        1       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20846711        20846991        .       +
        2       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20847036        20847851        .       +
        0       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20849372        20849657        .       +
        0       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20851218        20851522        .       +
        2       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20851704        20851897        .       +
        0       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20854220        20854364        .       +
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        1       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20854472        20854660        .       +
        0       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20855697        20855966        .       +
        0       Parent=Smp_008830.1
SM_V9_4 iris    CDS     20856101        20856349        .       +
        0       Parent=Smp_008830.1
SM_V9_4 Liftoff gene    20858868        20873804        .       -
        .       ID=Smp_207050;geneID=Smp_207050
SM_V9_4 Liftoff mRNA    20858868        20873804        .       -
        .
ID=Smp_207050.1;Parent=Smp_207050;geneID=Smp_207050;product=TBC1
domain family member
24;polypeptide_domain=InterPro:IPR000195,IPR006571
Pfam:PF00566,PF07534
SM_V9_4 Liftoff exon    20858868        20860375        .       -
        .       Parent=Smp_207050.1
SM_V9_4 Liftoff exon    20861468        20861690        .       -
        .       Parent=Smp_207050.1
SM_V9_4 Liftoff exon    20863394        20863969        .       -
        .       Parent=Smp_207050.1
SM_V9_4 Liftoff exon    20868328        20868544        .       -
        .       Parent=Smp_207050.1
SM_V9_4 Liftoff exon    20872413        20873804        .       -
        .       Parent=Smp_207050.1
SM_V9_4 Liftoff CDS     20859660        20860375        .       -
        2       Parent=Smp_207050.1
SM_V9_4 Liftoff CDS     20861468        20861690        .       -
        0       Parent=Smp_207050.1
SM_V9_4 Liftoff CDS     20863394        20863969        .       -
        0       Parent=Smp_207050.1
SM_V9_4 Liftoff CDS     20868328        20868544        .       -
        1       Parent=Smp_207050.1
SM_V9_4 Liftoff CDS     20872413        20872429        .       -
        0       Parent=Smp_207050.1
SM_V9_4 Liftoff gene    20879075        20888782        .       +
        .
ID=Smp_347140;geneID=Smp_347140;previous_systematic_id=Smp_202500
SM_V9_4 Liftoff mRNA    20879075        20888694        .       +
        .
ID=Smp_347140.2;Parent=Smp_347140;geneID=Smp_347140;product=4-
hydroxybenzoate polyprenyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR000537,IPR030470
Pfam:PF01040;Ontology_term=GO:0016021,GO:0016765
SM_V9_4 Liftoff exon    20879075        20881555        .       +
        .       Parent=Smp_347140.2
SM_V9_4 Liftoff exon    20881591        20881676        .       +
        .       Parent=Smp_347140.2
SM_V9_4 Liftoff exon    20881732        20881865        .       +
        .       Parent=Smp_347140.2
SM_V9_4 Liftoff exon    20882064        20888694        .       +
        .       Parent=Smp_347140.2
SM_V9_4 Liftoff CDS     20881116        20881555        .       +
        0       Parent=Smp_347140.2
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SM_V9_4 Liftoff CDS     20881591        20881676        .       +
        1       Parent=Smp_347140.2
SM_V9_4 Liftoff CDS     20881732        20881865        .       +
        2       Parent=Smp_347140.2
SM_V9_4 Liftoff CDS     20882064        20882129        .       +
        0       Parent=Smp_347140.2
SM_V9_4 Liftoff mRNA    20879075        20888782        .       +
        .
ID=Smp_347140.4;Parent=Smp_347140;geneID=Smp_347140;product=4-
hydroxybenzoate polyprenyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR000537,IPR006370,IPR030
470,IPR031103
Pfam:PF01040;Ontology_term=GO:0004659,GO:0006744,GO:0016021,GO:00167
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SM_V9_4 Liftoff exon    20879075        20881555        .       +
        .       Parent=Smp_347140.4
SM_V9_4 Liftoff exon    20881591        20881676        .       +
        .       Parent=Smp_347140.4
SM_V9_4 Liftoff exon    20881732        20881865        .       +
        .       Parent=Smp_347140.4
SM_V9_4 Liftoff exon    20882268        20882456        .       +
        .       Parent=Smp_347140.4
SM_V9_4 Liftoff exon    20888529        20888782        .       +
        .       Parent=Smp_347140.4
SM_V9_4 Liftoff CDS     20881116        20881555        .       +
        0       Parent=Smp_347140.4
SM_V9_4 Liftoff CDS     20881591        20881676        .       +
        1       Parent=Smp_347140.4
SM_V9_4 Liftoff CDS     20881732        20881865        .       +
        2       Parent=Smp_347140.4
SM_V9_4 Liftoff CDS     20882268        20882456        .       +
        0       Parent=Smp_347140.4
SM_V9_4 Liftoff CDS     20888529        20888642        .       +
        0       Parent=Smp_347140.4
SM_V9_4 Liftoff mRNA    20879075        20888782        .       +
        .
ID=Smp_347140.5;Parent=Smp_347140;geneID=Smp_347140;product=4-
hydroxybenzoate polyprenyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR000537,IPR006370,IPR030
470,IPR031103
Pfam:PF01040;Ontology_term=GO:0004659,GO:0006744,GO:0016021,GO:00167
65
SM_V9_4 Liftoff exon    20879075        20881555        .       +
        .       Parent=Smp_347140.5
SM_V9_4 Liftoff exon    20881591        20881676        .       +
        .       Parent=Smp_347140.5
SM_V9_4 Liftoff exon    20882064        20882197        .       +
        .       Parent=Smp_347140.5
SM_V9_4 Liftoff exon    20882268        20882456        .       +
        .       Parent=Smp_347140.5
SM_V9_4 Liftoff exon    20888529        20888782        .       +
        .       Parent=Smp_347140.5
SM_V9_4 Liftoff CDS     20881116        20881555        .       +
        0       Parent=Smp_347140.5
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SM_V9_4 Liftoff CDS     20881591        20881676        .       +
        1       Parent=Smp_347140.5
SM_V9_4 Liftoff CDS     20882064        20882197        .       +
        2       Parent=Smp_347140.5
SM_V9_4 Liftoff CDS     20882268        20882456        .       +
        0       Parent=Smp_347140.5
SM_V9_4 Liftoff CDS     20888529        20888642        .       +
        0       Parent=Smp_347140.5
SM_V9_4 Liftoff mRNA    20879105        20888694        .       +
        .
ID=Smp_347140.3;Parent=Smp_347140;geneID=Smp_347140;product=4-
hydroxybenzoate polyprenyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR000537,IPR030470
Pfam:PF01040;Ontology_term=GO:0016021,GO:0016765
SM_V9_4 Liftoff exon    20879105        20881555        .       +
        .       Parent=Smp_347140.3
SM_V9_4 Liftoff exon    20881591        20881676        .       +
        .       Parent=Smp_347140.3
SM_V9_4 Liftoff exon    20881732        20888694        .       +
        .       Parent=Smp_347140.3
SM_V9_4 Liftoff CDS     20881116        20881555        .       +
        0       Parent=Smp_347140.3
SM_V9_4 Liftoff CDS     20881591        20881676        .       +
        1       Parent=Smp_347140.3
SM_V9_4 Liftoff CDS     20881732        20881907        .       +
        2       Parent=Smp_347140.3
SM_V9_4 Liftoff mRNA    20879124        20888680        .       +
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ID=Smp_347140.1;Parent=Smp_347140;geneID=Smp_347140;product=4-
hydroxybenzoate polyprenyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR000537,IPR006370,IPR030
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Pfam:PF01040;Ontology_term=GO:0004659,GO:0006744,GO:0016021,GO:00167
65
SM_V9_4 Liftoff exon    20879124        20881555        .       +
        .       Parent=Smp_347140.1
SM_V9_4 Liftoff exon    20881591        20881676        .       +
        .       Parent=Smp_347140.1
SM_V9_4 Liftoff exon    20881732        20881865        .       +
        .       Parent=Smp_347140.1
SM_V9_4 Liftoff exon    20882268        20882456        .       +
        .       Parent=Smp_347140.1
SM_V9_4 Liftoff exon    20888529        20888680        .       +
        .       Parent=Smp_347140.1
SM_V9_4 Liftoff CDS     20881116        20881555        .       +
        0       Parent=Smp_347140.1
SM_V9_4 Liftoff CDS     20881591        20881676        .       +
        1       Parent=Smp_347140.1
SM_V9_4 Liftoff CDS     20881732        20881865        .       +
        2       Parent=Smp_347140.1
SM_V9_4 Liftoff CDS     20882268        20882456        .       +
        0       Parent=Smp_347140.1
SM_V9_4 Liftoff CDS     20888529        20888642        .       +
        0       Parent=Smp_347140.1
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SM_V9_4 Liftoff gene    20889706        20905251        .       -
        .       ID=Smp_126860;geneID=Smp_126860
SM_V9_4 Liftoff mRNA    20889706        20905251        .       -
        .
ID=Smp_126860.1;Parent=Smp_126860;geneID=Smp_126860;product=Uncharac
terized RNA methyltransferase CTC_01941
SM_V9_4 Liftoff exon    20889706        20890488        .       -
        .       Parent=Smp_126860.1
SM_V9_4 Liftoff exon    20895479        20895604        .       -
        .       Parent=Smp_126860.1
SM_V9_4 Liftoff exon    20896886        20897010        .       -
        .       Parent=Smp_126860.1
SM_V9_4 Liftoff exon    20902067        20902240        .       -
        .       Parent=Smp_126860.1
SM_V9_4 Liftoff exon    20903517        20903704        .       -
        .       Parent=Smp_126860.1
SM_V9_4 Liftoff exon    20905035        20905112        .       -
        .       Parent=Smp_126860.1
SM_V9_4 Liftoff exon    20905154        20905251        .       -
        .       Parent=Smp_126860.1
SM_V9_4 Liftoff CDS     20890369        20890488        .       -
        0       Parent=Smp_126860.1
SM_V9_4 Liftoff CDS     20895479        20895604        .       -
        0       Parent=Smp_126860.1
SM_V9_4 Liftoff CDS     20896886        20897010        .       -
        2       Parent=Smp_126860.1
SM_V9_4 Liftoff CDS     20902067        20902240        .       -
        2       Parent=Smp_126860.1
SM_V9_4 Liftoff CDS     20903517        20903704        .       -
        1       Parent=Smp_126860.1
SM_V9_4 Liftoff CDS     20905035        20905112        .       -
        1       Parent=Smp_126860.1
SM_V9_4 Liftoff CDS     20905154        20905191        .       -
        0       Parent=Smp_126860.1
SM_V9_4 Liftoff gene    20919857        20934868        .       -
        .       ID=Smp_126850;geneID=Smp_126850
SM_V9_4 Liftoff mRNA    20919857        20934868        .       -
        .
ID=Smp_126850.1;Parent=Smp_126850;geneID=Smp_126850;product=RNA-
binding protein
5;polypeptide_domain=InterPro:IPR000467,IPR000504,IPR001876,IPR01308
7 Pfam:PF00076,PF01585;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    20919857        20920791        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20922143        20922606        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20922873        20923102        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20923979        20924095        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20924304        20924548        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20925946        20926334        .       -
        .       Parent=Smp_126850.1
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SM_V9_4 Liftoff exon    20929277        20929535        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20931671        20931794        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20931913        20932089        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20932232        20932305        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20934024        20934093        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20934126        20934188        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20934221        20934292        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20934328        20934465        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20934501        20934560        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff exon    20934594        20934868        .       -
        .       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20920574        20920791        .       -
        2       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20922143        20922606        .       -
        1       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20922873        20923102        .       -
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SM_V9_4 Liftoff CDS     20923979        20924095        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20924304        20924548        .       -
        2       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20925946        20926334        .       -
        1       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20929277        20929535        .       -
        2       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20931671        20931794        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20931913        20932089        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20932232        20932305        .       -
        2       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20934024        20934093        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20934126        20934188        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20934221        20934292        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20934328        20934465        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20934501        20934560        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff CDS     20934594        20934596        .       -
        0       Parent=Smp_126850.1
SM_V9_4 Liftoff gene    20945142        20948451        .       +
        .       ID=Smp_329410;geneID=Smp_329410
```

```
SM_V9_4 Liftoff mRNA    20945142        20948451        .       +
       .
ID=Smp_329410.1;Parent=Smp_329410;geneID=Smp_329410;product=LIM
domain-binding protein
3;polypeptide_domain=InterPro:IPR001478;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    20945142        20945445        .       +
       .       Parent=Smp_329410.1
SM_V9_4 Liftoff exon    20947909        20948451        .       +
       .       Parent=Smp_329410.1
SM_V9_4 Liftoff CDS     20945163        20945445        .       +
       0       Parent=Smp_329410.1
SM_V9_4 Liftoff CDS     20947909        20948138        .       +
       2       Parent=Smp_329410.1
SM_V9_4 Liftoff gene    20952252        20955706        .       +
       .       ID=Smp_008770;geneID=Smp_008770
SM_V9_4 Liftoff mRNA    20952252        20955706        .       +
       .
ID=Smp_008770.1;Parent=Smp_008770;geneID=Smp_008770;product=28S
ribosomal protein L42,
mitochondrial;polypeptide_domain=InterPro:IPR019346 Pfam:PF10210
SM_V9_4 Liftoff exon    20952252        20953827        .       +
       .       Parent=Smp_008770.1
SM_V9_4 Liftoff exon    20955183        20955239        .       +
       .       Parent=Smp_008770.1
SM_V9_4 Liftoff exon    20955272        20955359        .       +
       .       Parent=Smp_008770.1
SM_V9_4 Liftoff exon    20955392        20955540        .       +
       .       Parent=Smp_008770.1
SM_V9_4 Liftoff exon    20955584        20955706        .       +
       .       Parent=Smp_008770.1
SM_V9_4 Liftoff CDS     20953793        20953827        .       +
       0       Parent=Smp_008770.1
SM_V9_4 Liftoff CDS     20955183        20955239        .       +
       1       Parent=Smp_008770.1
SM_V9_4 Liftoff CDS     20955272        20955359        .       +
       1       Parent=Smp_008770.1
SM_V9_4 Liftoff CDS     20955392        20955540        .       +
       0       Parent=Smp_008770.1
SM_V9_4 Liftoff CDS     20955584        20955647        .       +
       1       Parent=Smp_008770.1
SM_V9_4 Liftoff gene    20955720        20996539        .       -
       .       ID=Smp_126840;geneID=Smp_126840
SM_V9_4 Liftoff mRNA    20955720        20996539        .       -
       .
ID=Smp_126840.1;Parent=Smp_126840;geneID=Smp_126840;product=LIM and
calponin homology domains-containing protein
1;polypeptide_domain=InterPro:IPR001781 Pfam:PF00412
SM_V9_4 Liftoff exon    20955720        20956211        .       -
       .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20957561        20957868        .       -
       .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20959196        20959347        .       -
       .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20960967        20961757        .       -
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        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20962458        20962609        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20978047        20978159        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20981058        20981113        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20982325        20982563        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20985787        20985990        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20988459        20988762        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20989953        20990247        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20990940        20991076        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff exon    20992453        20996539        .       -
        .       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20956197        20956211        .       -
        0       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20957561        20957868        .       -
        2       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20959196        20959347        .       -
        1       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20960967        20961757        .       -
        0       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20962458        20962609        .       -
        2       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20978047        20978159        .       -
        1       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20981058        20981113        .       -
        0       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20982325        20982563        .       -
        2       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20985787        20985990        .       -
        2       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20988459        20988762        .       -
        0       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20989953        20990247        .       -
        1       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20990940        20991076        .       -
        0       Parent=Smp_126840.1
SM_V9_4 Liftoff CDS     20992453        20992590        .       -
        0       Parent=Smp_126840.1
SM_V9_4 Liftoff gene    21008922        21083694        .       -
        .       ID=Smp_008710;geneID=Smp_008710
SM_V9_4 Liftoff mRNA    21008922        21083694        .       -
        .
ID=Smp_008710.1;Parent=Smp_008710;geneID=Smp_008710;product=Immunogl
obulin superfamily member
10;polypeptide_domain=InterPro:IPR000483,IPR001611,IPR003591,IPR0326
75 Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    21008922        21011068        .       -
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        .       Parent=Smp_008710.1
SM_V9_4 Liftoff exon    21013925        21083694        .       -
        .       Parent=Smp_008710.1
SM_V9_4 Liftoff CDS     21010040        21011068        .       -
        0       Parent=Smp_008710.1
SM_V9_4 Liftoff CDS     21013925        21015556        .       -
        0       Parent=Smp_008710.1
SM_V9_4 Liftoff gene    21245348        21263518        .       -
        .       ID=Smp_126820;geneID=Smp_126820
SM_V9_4 Liftoff mRNA    21245348        21263518        .       -
        .
ID=Smp_126820.1;Parent=Smp_126820;geneID=Smp_126820;product=HEAT
repeat-containing protein
4;polypeptide_domain=InterPro:IPR016024;Ontology_term=GO:0005488
SM_V9_4 Liftoff exon    21245348        21245618        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21247032        21247530        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21250063        21250251        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21252228        21252486        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21253321        21253425        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21254986        21255506        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21256949        21257098        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21258373        21258478        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21259167        21259333        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21260620        21260699        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21261569        21261621        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21262507        21262614        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff exon    21262655        21263518        .       -
        .       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21245441        21245618        .       -
        1       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21247032        21247530        .       -
        2       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21250063        21250251        .       -
        2       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21252228        21252486        .       -
        0       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21253321        21253425        .       -
        0       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21254986        21255506        .       -
        2       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21256949        21257098        .       -
        2       Parent=Smp_126820.1
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SM_V9_4 Liftoff CDS     21258373        21258478        .       -
        0       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21259167        21259333        .       -
        2       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21260620        21260699        .       -
        1       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21261569        21261621        .       -
        0       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21262507        21262614        .       -
        0       Parent=Smp_126820.1
SM_V9_4 Liftoff CDS     21262655        21262837        .       -
        0       Parent=Smp_126820.1
SM_V9_4 Liftoff gene    21275463        21281298        .       -
        .
ID=Smp_342260;geneID=Smp_342260;previous_systematic_id=Smp_126810
SM_V9_4 Liftoff mRNA    21275463        21281298        .       -
        .
ID=Smp_342260.1;Parent=Smp_342260;geneID=Smp_342260;product=Ubiquiti
n domain-containing protein
2;polypeptide_domain=InterPro:IPR029071,IPR032752
Pfam:PF16455;Ontology_term=GO:0043130
SM_V9_4 Liftoff exon    21275463        21277503        .       -
        .       Parent=Smp_342260.1
SM_V9_4 Liftoff exon    21279310        21279363        .       -
        .       Parent=Smp_342260.1
SM_V9_4 Liftoff exon    21279421        21279537        .       -
        .       Parent=Smp_342260.1
SM_V9_4 Liftoff exon    21281146        21281298        .       -
        .       Parent=Smp_342260.1
SM_V9_4 Liftoff CDS     21276791        21277503        .       -
        2       Parent=Smp_342260.1
SM_V9_4 Liftoff CDS     21279310        21279363        .       -
        2       Parent=Smp_342260.1
SM_V9_4 Liftoff CDS     21279421        21279537        .       -
        2       Parent=Smp_342260.1
SM_V9_4 Liftoff CDS     21281146        21281179        .       -
        0       Parent=Smp_342260.1
SM_V9_4 Liftoff mRNA    21275463        21281298        .       -
        .
ID=Smp_342260.2;Parent=Smp_342260;geneID=Smp_342260;product=Ubiquiti
n domain-containing protein
2;polypeptide_domain=InterPro:IPR029071,IPR032752
Pfam:PF16455;Ontology_term=GO:0043130
SM_V9_4 Liftoff exon    21275463        21277503        .       -
        .       Parent=Smp_342260.2
SM_V9_4 Liftoff exon    21279310        21279537        .       -
        .       Parent=Smp_342260.2
SM_V9_4 Liftoff exon    21281146        21281298        .       -
        .       Parent=Smp_342260.2
SM_V9_4 Liftoff CDS     21276791        21277503        .       -
        2       Parent=Smp_342260.2
SM_V9_4 Liftoff CDS     21279310        21279537        .       -
        2       Parent=Smp_342260.2
SM_V9_4 Liftoff CDS     21281146        21281179        .       -
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        0       Parent=Smp_342260.2
SM_V9_4 iris    gene    21281392        21333683        .       +
        .
ID=Smp_126800;geneID=Smp_126800;gene_name=Smp_126800;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    21281392        21333683        .       +
        .
ID=Smp_126800.1;Parent=Smp_126800;geneID=Smp_126800;gene_name=Smp_12
6800;owner=irisadmin@local.host;orig_id=Smp_126800.1;date_last_modif
ied=2022-07-24;Name=Smp_126800.1;product=Rho GTPase-activating
protein 39;date_creation=2022-07-24
SM_V9_4 iris    exon    21281392        21281506        .       +
        .
Parent=Smp_126800.1;Name=8186bad8-665f-4001-88d6-086f26ccc09b
SM_V9_4 iris    exon    21288202        21288303        .       +
        .       Parent=Smp_126800.1;Name=958931a4-a8c1-4084-
a80a-05dfd33556d5
SM_V9_4 iris    exon    21290143        21290281        .       +
        .       Parent=Smp_126800.1;Name=d328f74e-ca46-4644-
b1c0-247f980759cb
SM_V9_4 iris    exon    21294172        21294219        .       +
        .       Parent=Smp_126800.1;Name=545efcf3-468e-4f63-a733-
c5bc688c77db
SM_V9_4 iris    exon    21302201        21304232        .       +
        .       Parent=Smp_126800.1;Name=f0ea8adf-cc74-4610-aa74-
cd771c1b41e8
SM_V9_4 iris    exon    21306271        21306875        .       +
        .       Parent=Smp_126800.1;Name=66a5c770-9c63-425f-
b4ef-7cf18b9e7dd5
SM_V9_4 iris    exon    21309195        21309267        .       +
        .       Parent=Smp_126800.1;Name=b1e6e83f-
fa1b-4af6-9722-6a2ef7c83f42
SM_V9_4 iris    exon    21313234        21313381        .       +
        .
Parent=Smp_126800.1;Name=c0136f6a-80d6-4a24-908d-48ca6f6bb92d
SM_V9_4 iris    exon    21315912        21316416        .       +
        .       Parent=Smp_126800.1;Name=7c178db8-8e74-4ab3-
aaea-68a0385bd7ee
SM_V9_4 iris    exon    21318301        21318458        .       +
        .       Parent=Smp_126800.1;Name=4c7df513-4576-4321-
b30d-146d3457df0c
SM_V9_4 iris    exon    21327576        21328317        .       +
        .       Parent=Smp_126800.1;Name=1ae2ed2a-8fd8-454d-
a2f3-0b752c58ba5d
SM_V9_4 iris    exon    21331339        21333683        .       +
        .       Parent=Smp_126800.1;Name=64b78ab5-1dc5-4831-8cdf-
aa691fb10e0e
SM_V9_4 iris    CDS     21281484        21281506        .       +
        0       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21288202        21288303        .       +
        1       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21290143        21290281        .       +
        1       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21294172        21294219        .       +
```

```
        0       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21302201        21304232        .       +
        0       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21306271        21306875        .       +
        2       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21309195        21309267        .       +
        0       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21313234        21313381        .       +
        2       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21315912        21316416        .       +
        1       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21318301        21318458        .       +
        0       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21327576        21328317        .       +
        1       Parent=Smp_126800.1
SM_V9_4 iris    CDS     21331339        21331788        .       +
        0       Parent=Smp_126800.1
SM_V9_4 iris    gene    21346902        21379226        .       +
        .
ID=Smp_008660;geneID=Smp_008660;gene_name=Smp_008660;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    21346902        21379226        .       +
        .
ID=Smp_008660.1;Parent=Smp_008660;geneID=Smp_008660;gene_name=Smp_00
8660;owner=irisadmin@local.host;orig_id=Smp_008660.2;date_last_modif
ied=2022-07-24;Name=Smp_008660.1;product=Severin;date_creation=2022-
07-24
SM_V9_4 iris    exon    21346902        21347035        .       +
        .       Parent=Smp_008660.1;Name=fbf30b4a-ea13-4a78-ae3d-
e8e04f22081f
SM_V9_4 iris    exon    21347082        21347209        .       +
        .       Parent=Smp_008660.1;Name=cf8e1e76-
c325-4e93-921d-622360017240
SM_V9_4 iris    exon    21349375        21349454        .       +
        .       Parent=Smp_008660.1;Name=27740da3-b757-4af8-9e2e-
e686701d1544
SM_V9_4 iris    exon    21354925        21355065        .       +
        .       Parent=Smp_008660.1;Name=d03db6c8-
a91b-4f53-8e62-7e56e58b38a5
SM_V9_4 iris    exon    21359842        21359969        .       +
        .       Parent=Smp_008660.1;Name=251d5001-e877-4966-
a925-60fb951b0f29
SM_V9_4 iris    exon    21366735        21366957        .       +
        .
Parent=Smp_008660.1;Name=6a254da6-8cfc-41ed-9a5b-813b85766bef
SM_V9_4 iris    exon    21368237        21368323        .       +
        .       Parent=Smp_008660.1;Name=62556ac6-3c3a-4c66-bff4-
f055fd397cd0
SM_V9_4 iris    exon    21370603        21370682        .       +
        .
Parent=Smp_008660.1;Name=d91d8a4f-3d8a-4add-8ae4-14c2fda5ef29
SM_V9_4 iris    exon    21373470        21373644        .       +
        .       Parent=Smp_008660.1;Name=d87a4c94-defc-4d7a-8d6a-
dc57a50f2c17
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SM_V9_4 iris    exon    21378847        21379226        .       +
        .       Parent=Smp_008660.1;Name=bd82bce5-
d10d-41a7-9713-3526bbfab958
SM_V9_4 iris    CDS     21347122        21347209        .       +
        0       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21349375        21349454        .       +
        2       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21354925        21355065        .       +
        0       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21359842        21359969        .       +
        0       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21366735        21366957        .       +
        1       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21368237        21368323        .       +
        0       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21370603        21370682        .       +
        0       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21373470        21373644        .       +
        1       Parent=Smp_008660.1
SM_V9_4 iris    CDS     21378847        21378939        .       +
        0       Parent=Smp_008660.1
SM_V9_4 iris    gene    21391345        21393055        .       +
        .
ID=Smp_329420;geneID=Smp_329420;gene_name=Smp_329420;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    21391345        21393055        .       +
        .
ID=Smp_329420.1;Parent=Smp_329420;geneID=Smp_329420;gene_name=Smp_32
9420;owner=irisadmin@local.host;orig_id=Smp_329420.1;date_last_modif
ied=2022-07-24;Name=Smp_329420.1;product=F-box/SPRY domain-
containing protein 1;date_creation=2022-07-24
SM_V9_4 iris    exon    21391345        21393055        .       +
        .       Parent=Smp_329420.1;Name=Smp_329420.1-CDS
SM_V9_4 iris    CDS     21391468        21392562        .       +
        0       Parent=Smp_329420.1
SM_V9_4 Liftoff gene    21398301        21420351        .       -
        .       ID=Smp_329430;geneID=Smp_329430
SM_V9_4 Liftoff mRNA    21398301        21420351        .       -
        .
ID=Smp_329430.1;Parent=Smp_329430;geneID=Smp_329430;product=Severin;
polypeptide_domain=InterPro:IPR007122,IPR007123,IPR029006
Pfam:PF00626;Ontology_term=GO:0051015
SM_V9_4 Liftoff exon    21398301        21398680        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff exon    21403041        21403215        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff exon    21405361        21405440        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff exon    21406221        21406310        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff exon    21409197        21409419        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff exon    21412885        21413012        .       -
        .       Parent=Smp_329430.1
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SM_V9_4 Liftoff exon    21416406        21416546        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff exon    21419155        21419234        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff exon    21420107        21420351        .       -
        .       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21398588        21398680        .       -
        0       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21403041        21403215        .       -
        1       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21405361        21405440        .       -
        0       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21406221        21406310        .       -
        0       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21409197        21409419        .       -
        1       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21412885        21413012        .       -
        0       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21416406        21416546        .       -
        0       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21419155        21419234        .       -
        2       Parent=Smp_329430.1
SM_V9_4 Liftoff CDS     21420107        21420176        .       -
        0       Parent=Smp_329430.1
SM_V9_4 Liftoff gene    21424651        21449026        .       -
        .
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SM_V9_4 Liftoff mRNA    21424651        21449026        .       -
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ID=Smp_197860.1;Parent=Smp_197860;geneID=Smp_197860;product=Severin;
polypeptide_domain=InterPro:IPR007122,IPR007123,IPR029006
Pfam:PF00626;Ontology_term=GO:0051015
SM_V9_4 Liftoff exon    21424651        21425291        .       -
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SM_V9_4 Liftoff exon    21426139        21426313        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff exon    21428366        21428445        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff exon    21432085        21432171        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff exon    21432836        21433058        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff exon    21434985        21435112        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff exon    21438256        21438396        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff exon    21439620        21439699        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff exon    21448697        21449026        .       -
        .       Parent=Smp_197860.1
SM_V9_4 Liftoff CDS     21425172        21425291        .       -
        0       Parent=Smp_197860.1
SM_V9_4 Liftoff CDS     21426139        21426313        .       -
        1       Parent=Smp_197860.1
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SM_V9_4 Liftoff CDS     21428366        21428445        .       -
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SM_V9_4 Liftoff CDS     21432085        21432171        .       -
        0       Parent=Smp_197860.1
SM_V9_4 Liftoff CDS     21432836        21433058        .       -
        1       Parent=Smp_197860.1
SM_V9_4 Liftoff CDS     21434985        21435112        .       -
        0       Parent=Smp_197860.1
SM_V9_4 Liftoff CDS     21438256        21438396        .       -
        0       Parent=Smp_197860.1
SM_V9_4 Liftoff CDS     21439620        21439699        .       -
        2       Parent=Smp_197860.1
SM_V9_4 Liftoff CDS     21448697        21448784        .       -
        0       Parent=Smp_197860.1
SM_V9_4 Liftoff gene    21481891        21482336        .       -
        .       ID=Smp_066990;geneID=Smp_066990
SM_V9_4 Liftoff mRNA    21481891        21482336        .       -
        .
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protein homolog;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR001848,IPR005729,IPR018268,
IPR027486
Pfam:PF00338;Ontology_term=GO:0003723,GO:0003735,GO:0005622,GO:00058
40,GO:0006412,GO:0015935
SM_V9_4 Liftoff exon    21481891        21482101        .       -
        .       Parent=Smp_066990.1
SM_V9_4 Liftoff exon    21482135        21482336        .       -
        .       Parent=Smp_066990.1
SM_V9_4 Liftoff CDS     21481916        21482101        .       -
        0       Parent=Smp_066990.1
SM_V9_4 Liftoff CDS     21482135        21482302        .       -
        0       Parent=Smp_066990.1
SM_V9_4 iris    gene    21499020        21532099        .       +
        .
ID=Smp_067000;geneID=Smp_067000;gene_name=Smp_067000;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    21499020        21532099        .       +
        .
ID=Smp_067000.1;Parent=Smp_067000;geneID=Smp_067000;gene_name=Smp_06
7000;owner=irisadmin@local.host;orig_id=Smp_067000.1;date_last_modif
ied=2022-07-24;Name=Smp_067000.1;product=Hypothetical
protein;date_creation=2022-07-24
SM_V9_4 iris    exon    21499020        21499083        .       +
        .       Parent=Smp_067000.1;Name=c75a4024-
f589-4526-9b70-98599736bafa
SM_V9_4 iris    exon    21499119        21499158        .       +
        .       Parent=Smp_067000.1;Name=73075716-
d398-43b3-9c99-5e81b41a5749
SM_V9_4 iris    exon    21499278        21499476        .       +
        .
Parent=Smp_067000.1;Name=a50d5e32-463a-48b0-8173-08d2febdd858
SM_V9_4 iris    exon    21511788        21511896        .       +
        .       Parent=Smp_067000.1;Name=4846bff1-79af-4afb-
be38-298135abd7a6
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SM_V9_4 iris    exon    21516118        21516716        .       +
        .       Parent=Smp_067000.1;Name=fd026276-d975-4ba3-a0df-
ce491a71b1b9
SM_V9_4 iris    exon    21519876        21520497        .       +
        .       Parent=Smp_067000.1;Name=7c4c4c14-f59a-446a-
bd51-7d7798da1811
SM_V9_4 iris    exon    21530907        21532099        .       +
        .
Parent=Smp_067000.1;Name=ad5b04d5-0585-46f7-8a29-9935899c2378
SM_V9_4 iris    CDS     21499066        21499083        .       +
        0       Parent=Smp_067000.1
SM_V9_4 iris    CDS     21499119        21499158        .       +
        0       Parent=Smp_067000.1
SM_V9_4 iris    CDS     21499278        21499476        .       +
        2       Parent=Smp_067000.1
SM_V9_4 iris    CDS     21511788        21511896        .       +
        1       Parent=Smp_067000.1
SM_V9_4 iris    CDS     21516118        21516716        .       +
        0       Parent=Smp_067000.1
SM_V9_4 iris    CDS     21519876        21520497        .       +
        1       Parent=Smp_067000.1
SM_V9_4 iris    CDS     21530907        21530978        .       +
        0       Parent=Smp_067000.1
SM_V9_4 iris    gene    21538471        21587109        .       -
        .
ID=Smp_067010;geneID=Smp_067010;gene_name=Smp_067010;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    21538471        21587109        .       -
        .
ID=Smp_067010.1;Parent=Smp_067010;geneID=Smp_067010;gene_name=Smp_06
7010;owner=irisadmin@local.host;orig_id=Smp_067010.1;date_last_modif
ied=2022-07-24;Name=Smp_067010.1;product=RUN domain-containing
protein 1;date_creation=2022-07-24
SM_V9_4 iris    exon    21538471        21539053        .       -
        .
Parent=Smp_067010.1;Name=1bf0ba77-99b8-493d-8c26-2e802a01b917
SM_V9_4 iris    exon    21542617        21542711        .       -
        .       Parent=Smp_067010.1;Name=22dcde25-657f-4fbe-
ab59-575bad1961b0
SM_V9_4 iris    exon    21551662        21551759        .       -
        .       Parent=Smp_067010.1;Name=079b4c9e-2e49-477e-
ba0d-9ace59face82
SM_V9_4 iris    exon    21557265        21557357        .       -
        .       Parent=Smp_067010.1;Name=7987e069-
a085-45e2-8d6a-043f07aafd44
SM_V9_4 iris    exon    21558913        21559257        .       -
        .       Parent=Smp_067010.1;Name=df688fe8-c635-4ba1-8150-
c81e503736aa
SM_V9_4 iris    exon    21562784        21563295        .       -
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Parent=Smp_067010.1;Name=3949a578-5229-4777-9906-1ff080740d81
SM_V9_4 iris    exon    21564890        21565025        .       -
        .       Parent=Smp_067010.1;Name=5f4b1f79-f7bf-4498-87a5-
e7363609c468
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SM_V9_4 iris    exon    21566246        21566308        .       -
        .       Parent=Smp_067010.1;Name=15b1c5fa-dfd5-4f9a-9574-
d561eff26cee
SM_V9_4 iris    exon    21570445        21570719        .       -
        .       Parent=Smp_067010.1;Name=fe8f5386-4c75-4eb4-
b905-74cfc4d0ee7c
SM_V9_4 iris    exon    21574957        21575047        .       -
        .
Parent=Smp_067010.1;Name=97cd6989-6279-4b46-9b7f-2755a84c6505
SM_V9_4 iris    exon    21576122        21576277        .       -
        .       Parent=Smp_067010.1;Name=c05f2a6c-2e0c-42b3-
b229-2fa53c135aa2
SM_V9_4 iris    exon    21582956        21583063        .       -
        .       Parent=Smp_067010.1;Name=e2a7ca59-a399-4238-
b8d0-67e15bfa0ee7
SM_V9_4 iris    exon    21584941        21585069        .       -
        .       Parent=Smp_067010.1;Name=2ebb7ea5-859b-4865-
a033-09df81536b41
SM_V9_4 iris    exon    21586789        21587109        .       -
        .       Parent=Smp_067010.1;Name=6173015b-84af-4221-9767-
e95626b86338
SM_V9_4 iris    CDS     21538947        21539053        .       -
        2       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21542617        21542711        .       -
        1       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21551662        21551759        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21557265        21557357        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21558913        21559257        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21562784        21563295        .       -
        2       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21564890        21565025        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21566246        21566308        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21570445        21570719        .       -
        2       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21574957        21575047        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21576122        21576277        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21582956        21583063        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21584941        21585069        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    CDS     21586789        21587052        .       -
        0       Parent=Smp_067010.1
SM_V9_4 iris    gene    21594068        21639787        .       -
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SM_V9_4 iris    mRNA    21594068        21639787        .       -
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ied=2022-07-24;Name=Smp_158400.1;product=Receptor-type tyrosine-
protein phosphatase R;date_creation=2022-07-24
SM_V9_4 iris    exon    21594068        21597093        .       -
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a0ae-8a449e75decc
SM_V9_4 iris    exon    21599283        21599990        .       -
        .       Parent=Smp_158400.1;Name=a2c8c23f-
e131-42df-96ab-9cc6468cd34f
SM_V9_4 iris    exon    21607012        21607149        .       -
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Parent=Smp_158400.1;Name=035ad26d-593a-414d-8d09-478787111a34
SM_V9_4 iris    exon    21610456        21610532        .       -
        .       Parent=Smp_158400.1;Name=f885c2dd-7a4f-4eaa-9dc2-
d0bc629de807
SM_V9_4 iris    exon    21622611        21623395        .       -
        .       Parent=Smp_158400.1;Name=be1aa33d-a17c-48ea-a98a-
dfc1974c1852
SM_V9_4 iris    exon    21628346        21629235        .       -
        .
Parent=Smp_158400.1;Name=91c380ce-9435-40e5-9ec7-374753e24a0a
SM_V9_4 iris    exon    21639609        21639787        .       -
        .       Parent=Smp_158400.1;Name=dafc8cfa-e49b-48ef-
b634-5ddb26f6581e
SM_V9_4 iris    CDS     21596521        21597093        .       -
        0       Parent=Smp_158400.1
SM_V9_4 iris    CDS     21599283        21599990        .       -
        0       Parent=Smp_158400.1
SM_V9_4 iris    CDS     21607012        21607149        .       -
        0       Parent=Smp_158400.1
SM_V9_4 iris    CDS     21610456        21610532        .       -
        2       Parent=Smp_158400.1
SM_V9_4 iris    CDS     21622611        21623395        .       -
        1       Parent=Smp_158400.1
SM_V9_4 iris    CDS     21628346        21628794        .       -
        0       Parent=Smp_158400.1
SM_V9_4 Liftoff gene    21654170        21665586        .       +
        .       ID=Smp_158380;geneID=Smp_158380
SM_V9_4 Liftoff mRNA    21654170        21665586        .       +
        .
ID=Smp_158380.1;Parent=Smp_158380;geneID=Smp_158380;product=Mitochon
drial import inner membrane translocase subunit
TIM44;polypeptide_domain=InterPro:IPR007379,IPR017303,IPR032710
Pfam:PF04280;Ontology_term=GO:0030150,GO:0051087
SM_V9_4 Liftoff exon    21654170        21654269        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21654304        21654390        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21654426        21654503        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21654541        21654753        .       +
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SM_V9_4 Liftoff exon    21654786        21654846        .       +
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SM_V9_4 Liftoff exon    21654886        21654949        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21658396        21658481        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21659862        21659954        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21661210        21661334        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21663314        21663364        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21663407        21663496        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff exon    21664790        21665586        .       +
        .       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21654195        21654269        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21654304        21654390        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21654426        21654503        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21654541        21654753        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21654786        21654846        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21654886        21654949        .       +
        2       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21658396        21658481        .       +
        1       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21659862        21659954        .       +
        2       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21661210        21661334        .       +
        2       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21663314        21663364        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21663407        21663496        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff CDS     21664790        21665020        .       +
        0       Parent=Smp_158380.1
SM_V9_4 Liftoff gene    21666291        21667596        .       -
        .       ID=Smp_066970;geneID=Smp_066970
SM_V9_4 Liftoff mRNA    21666291        21667596        .       -
        .
ID=Smp_066970.1;Parent=Smp_066970;geneID=Smp_066970;product=Oxidored
uctase-like domain-containing protein
1;polypeptide_domain=InterPro:IPR019180 Pfam:PF09791
SM_V9_4 Liftoff exon    21666291        21667596        .       -
        .       Parent=Smp_066970.1
SM_V9_4 Liftoff CDS     21667092        21667478        .       -
        0       Parent=Smp_066970.1
SM_V9_4 iris    gene    21668738        21675932        .       -
        .
ID=Smp_066960;geneID=Smp_066960;gene_name=Smp_066960;owner=irisadmin
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6960;owner=irisadmin@local.host;orig_id=Smp_066960.2;date_last_modif
ied=2022-07-24;Name=Smp_066960.1;product=Geranylgeranyl transferase
type-1 subunit beta;date_creation=2022-07-24
SM_V9_4 iris    exon    21668738        21669083        .       -
        .       Parent=Smp_066960.1;Name=676d7bf3-ead2-4e72-
b3ff-210401264a7d
SM_V9_4 iris    exon    21670125        21670239        .       -
        .       Parent=Smp_066960.1;Name=2bf7fa31-55ef-4859-b53b-
c4a7526a2b2e
SM_V9_4 iris    exon    21671655        21671891        .       -
        .
Parent=Smp_066960.1;Name=9165ef8c-2149-49a4-8c0e-2334698afd4d
SM_V9_4 iris    exon    21672288        21672578        .       -
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Parent=Smp_066960.1;Name=2f1631ca-5d2f-4883-93a6-48097ad34e42
SM_V9_4 iris    exon    21675484        21675551        .       -
        .       Parent=Smp_066960.1;Name=657afc20-bca7-4e48-
b474-54bcb79cbb5d
SM_V9_4 iris    exon    21675588        21675700        .       -
        .       Parent=Smp_066960.1;Name=de442d91-8e7c-4e35-9e18-
dc36dd59b21c
SM_V9_4 iris    exon    21675737        21675932        .       -
        .       Parent=Smp_066960.1;Name=9c2fbdef-7c58-46c7-
a97b-94c5946427af
SM_V9_4 iris    CDS     21668854        21669083        .       -
        2       Parent=Smp_066960.1
SM_V9_4 iris    CDS     21670125        21670239        .       -
        0       Parent=Smp_066960.1
SM_V9_4 iris    CDS     21671655        21671891        .       -
        0       Parent=Smp_066960.1
SM_V9_4 iris    CDS     21672288        21672578        .       -
        0       Parent=Smp_066960.1
SM_V9_4 iris    CDS     21675484        21675551        .       -
        2       Parent=Smp_066960.1
SM_V9_4 iris    CDS     21675588        21675700        .       -
        1       Parent=Smp_066960.1
SM_V9_4 iris    CDS     21675737        21675840        .       -
        0       Parent=Smp_066960.1
SM_V9_4 iris    gene    21689592        21697096        .       -
        .
ID=Smp_100380;geneID=Smp_100380;gene_name=Smp_100380;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    21689592        21697096        .       -
        .
ID=Smp_100380.1;Parent=Smp_100380;geneID=Smp_100380;gene_name=Smp_10
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GINS protein PSF2;date_creation=2022-07-24
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c47b-4c42-9665-792174af3072
SM_V9_4 iris    exon    21692372        21692482        .       -
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bb982654d0c4
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SM_V9_4 iris    CDS     21690585        21690814        .       -
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SM_V9_4 iris    CDS     21692372        21692467        .       -
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SM_V9_4 iris    gene    21706780        21712714        .       +
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@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    21706780        21712714        .       +
        .
ID=Smp_066950.1;Parent=Smp_066950;geneID=Smp_066950;gene_name=Smp_06
6950;owner=irisadmin@local.host;orig_id=Smp_066950.1;date_last_modif
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1;date_creation=2022-07-24
SM_V9_4 iris    exon    21706780        21706894        .       +
        .
Parent=Smp_066950.1;Name=c98739ac-005a-4a92-8c30-0663fee8a027
SM_V9_4 iris    exon    21708333        21708647        .       +
        .       Parent=Smp_066950.1;Name=45403ba8-cc9d-44d9-
b6f3-94611e12e408
SM_V9_4 iris    exon    21708686        21709085        .       +
        .       Parent=Smp_066950.1;Name=cb3bbac2-f168-4895-a853-
ea56ab1f0d0f
SM_V9_4 iris    exon    21709289        21709471        .       +
        .       Parent=Smp_066950.1;Name=fae934ee-9f6b-4973-
bae4-89ce7d6bad59
SM_V9_4 iris    exon    21712310        21712714        .       +
        .       Parent=Smp_066950.1;Name=b4b357e9-3f1b-4427-
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SM_V9_4 iris    CDS     21708567        21708647        .       +
        0       Parent=Smp_066950.1
SM_V9_4 iris    CDS     21708686        21709085        .       +
        0       Parent=Smp_066950.1
SM_V9_4 iris    CDS     21709289        21709471        .       +
        2       Parent=Smp_066950.1
SM_V9_4 iris    CDS     21712310        21712566        .       +
        2       Parent=Smp_066950.1
SM_V9_4 Liftoff gene    21715424        21715806        .       -
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SM_V9_4 Liftoff mRNA    21715424        21715806        .       -
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Pfam:PF01779;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
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ID=Smp_066930.1;Parent=Smp_066930;geneID=Smp_066930;product=Transcri
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Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    21745860        21762616        .       +
        .       Parent=Smp_066930.1
SM_V9_4 Liftoff CDS     21759652        21762159        .       +
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        .
ID=Smp_344930.1;Parent=Smp_344930;geneID=Smp_344930;product=Tubulin
monoglycylase TTLL3;polypeptide_domain=InterPro:IPR004344,IPR013815
Pfam:PF03133;Ontology_term=GO:0003824,GO:0005524,GO:0006464
SM_V9_4 Liftoff exon    21771053        21775419        .       -
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SM_V9_4 Liftoff exon    21778944        21779217        .       -
        .       Parent=Smp_344930.1
SM_V9_4 Liftoff exon    21781087        21781237        .       -
        .       Parent=Smp_344930.1
SM_V9_4 Liftoff exon    21785521        21785626        .       -
        .       Parent=Smp_344930.1
SM_V9_4 Liftoff exon    21787567        21787680        .       -
        .       Parent=Smp_344930.1
SM_V9_4 Liftoff exon    21790499        21790739        .       -
        .       Parent=Smp_344930.1
SM_V9_4 Liftoff exon    21792470        21792618        .       -
        .       Parent=Smp_344930.1
SM_V9_4 Liftoff exon    21795394        21795455        .       -
        .       Parent=Smp_344930.1
SM_V9_4 Liftoff exon    21799799        21799923        .       -
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SM_V9_4 Liftoff exon    21803498        21803612        .       -
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SM_V9_4 Liftoff exon    21808651        21808703        .       -
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SM_V9_4 Liftoff exon    21810115        21810364        .       -
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SM_V9_4 Liftoff exon    21815182        21820886        .       -
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SM_V9_4 Liftoff CDS     21773637        21775419        .       -
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SM_V9_4 Liftoff CDS     21778944        21779217        .       -
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SM_V9_4 Liftoff CDS     21781087        21781237        .       -
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SM_V9_4 Liftoff CDS     21785521        21785626        .       -
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SM_V9_4 Liftoff CDS     21787567        21787680        .       -
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SM_V9_4 Liftoff CDS     21790499        21790739        .       -
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SM_V9_4 Liftoff CDS     21792470        21792618        .       -
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SM_V9_4 Liftoff CDS     21795394        21795455        .       -
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SM_V9_4 Liftoff CDS     21808651        21808703        .       -
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SM_V9_4 Liftoff CDS     21815182        21815347        .       -
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        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21778932        21779217        .       -
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        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21790499        21790739        .       -
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SM_V9_4 Liftoff exon    21792470        21792618        .       -
        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21795394        21795455        .       -
        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21799799        21799923        .       -
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SM_V9_4 Liftoff exon    21801951        21802220        .       -
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SM_V9_4 Liftoff exon    21803498        21803612        .       -
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SM_V9_4 Liftoff exon    21806867        21806992        .       -
        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21808651        21808703        .       -
        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21810115        21810364        .       -
        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21812286        21812779        .       -
        .       Parent=Smp_344930.2
SM_V9_4 Liftoff exon    21815182        21820886        .       -
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SM_V9_4 Liftoff CDS     21785521        21785626        .       -
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SM_V9_4 Liftoff CDS     21787567        21787680        .       -
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SM_V9_4 Liftoff CDS     21790499        21790739        .       -
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SM_V9_4 Liftoff CDS     21792470        21792618        .       -
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SM_V9_4 Liftoff CDS     21795394        21795455        .       -
        0       Parent=Smp_344930.2
SM_V9_4 Liftoff CDS     21799799        21799923        .       -
        2       Parent=Smp_344930.2
SM_V9_4 Liftoff CDS     21801951        21802220        .       -
        2       Parent=Smp_344930.2
SM_V9_4 Liftoff CDS     21803498        21803612        .       -
        0       Parent=Smp_344930.2
SM_V9_4 Liftoff CDS     21806867        21806992        .       -
        0       Parent=Smp_344930.2
SM_V9_4 Liftoff CDS     21808651        21808703        .       -
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SM_V9_4 Liftoff CDS     21810115        21810364        .       -
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SM_V9_4 Liftoff CDS     21815182        21815347        .       -
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SM_V9_4 Liftoff CDS     21830950        21831956        .       -
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        .       ID=Smp_329440;geneID=Smp_329440
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ipid-transporting ATPase ID
SM_V9_4 Liftoff exon    21864354        21864692        .       -
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        0       Parent=Smp_329440.1
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SM_V9_4 iris    mRNA    21886060        21896918        .       +
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unc-9;date_creation=2022-07-24
SM_V9_4 iris    exon    21886060        21886160        .       +
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SM_V9_4 iris    exon    21890611        21890931        .       +
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Pfam:PF03501
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        .
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alpha-7;polypeptide_domain=InterPro:IPR000413,IPR013517,IPR013519,IP
R013649,IPR018184,IPR032695
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        .       Parent=Smp_306910.1
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SM_V9_4 Liftoff exon    21955145        21955309        .       -
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        .       Parent=Smp_306910.1
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SM_V9_4 Liftoff CDS     21974328        21974419        .       -
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SM_V9_4 Liftoff CDS     21990064        21990144        .       -
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        .       ID=Smp_156630;geneID=Smp_156630
SM_V9_4 Liftoff mRNA    22009723        22074258        .       +
        .
ID=Smp_156630.1;Parent=Smp_156630;geneID=Smp_156630;product=UPF0577
protein
KIAA1324;polypeptide_domain=InterPro:IPR009011,IPR009030,IPR011641
SM_V9_4 Liftoff exon    22009723        22009883        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22009922        22010048        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22010084        22010258        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22012119        22012269        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22020148        22020502        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22027563        22027651        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22030341        22030626        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22034222        22034457        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22039277        22039344        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22040975        22041145        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22048834        22049088        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22050095        22050215        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22058499        22058590        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22059432        22059532        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22061015        22061054        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22061831        22062115        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22064941        22065090        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22066819        22067122        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff exon    22072851        22074258        .       +
        .       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22009818        22009883        .       +
        0       Parent=Smp_156630.1
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SM_V9_4 Liftoff CDS     22010084        22010258        .       +
        2       Parent=Smp_156630.1
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SM_V9_4 Liftoff CDS     22020148        22020502        .       +
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SM_V9_4 Liftoff CDS     22027563        22027651        .       +
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SM_V9_4 Liftoff CDS     22030341        22030626        .       +
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SM_V9_4 Liftoff CDS     22034222        22034457        .       +
        2       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22039277        22039344        .       +
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SM_V9_4 Liftoff CDS     22040975        22041145        .       +
        1       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22048834        22049088        .       +
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SM_V9_4 Liftoff CDS     22050095        22050215        .       +
        1       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22058499        22058590        .       +
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SM_V9_4 Liftoff CDS     22059432        22059532        .       +
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SM_V9_4 Liftoff CDS     22061015        22061054        .       +
        2       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22061831        22062115        .       +
        1       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22064941        22065090        .       +
        1       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22066819        22067122        .       +
        1       Parent=Smp_156630.1
SM_V9_4 Liftoff CDS     22072851        22072904        .       +
        0       Parent=Smp_156630.1
SM_V9_4 Liftoff gene    22113058        22172522        .       -
        .
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p_156640
SM_V9_4 Liftoff mRNA    22113058        22172522        .       -
        .
ID=Smp_313210.1;Parent=Smp_313210;geneID=Smp_313210;product=Potassiu
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2;polypeptide_domain=InterPro:IPR003131,IPR003968,IPR003974,IPR00582
1,IPR011333,IPR028325
Pfam:PF00520,PF02214;Ontology_term=GO:0005216,GO:0005249,GO:0006811,
GO:0006813,GO:0008076,GO:0016020,GO:0051260,GO:0055085
SM_V9_4 Liftoff exon    22113058        22116003        .       -
        .       Parent=Smp_313210.1
SM_V9_4 Liftoff exon    22134648        22172522        .       -
        .       Parent=Smp_313210.1
SM_V9_4 Liftoff CDS     22113862        22116003        .       -
        0       Parent=Smp_313210.1
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SM_V9_4 Liftoff CDS     22134648        22135529        .       -
        0       Parent=Smp_313210.1
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        .
ID=Smp_336740;geneID=Smp_336740;gene_name=Smp_336740;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_4 iris    mRNA    22258690        22274957        .       -
        .
ID=Smp_336740.1;Parent=Smp_336740;geneID=Smp_336740;gene_name=Smp_33
6740;owner=irisadmin@local.host;orig_id=Smp_336740.1;date_last_modif
ied=2022-09-05;Name=Smp_336740.1;product=T-box transcription factor
TBX1;date_creation=2022-09-05
SM_V9_4 iris    exon    22258690        22259788        .       -
        .       Parent=Smp_336740.1;Name=c6f46866-87f7-4c3e-
bb63-1044f87263ae
SM_V9_4 iris    exon    22263227        22263315        .       -
        .       Parent=Smp_336740.1;Name=0acd167b-9674-4a94-a2ba-
fd3940e8c734
SM_V9_4 iris    exon    22266669        22266736        .       -
        .
Parent=Smp_336740.1;Name=e4d8bf47-92ca-4930-974a-7619e59f50b1
SM_V9_4 iris    exon    22268802        22268990        .       -
        .       Parent=Smp_336740.1;Name=827e473e-
ad1c-43ec-9a06-605977eb7c0d
SM_V9_4 iris    exon    22270548        22270684        .       -
        .       Parent=Smp_336740.1;Name=95665fc9-8de2-4c8e-
bd0f-66481cf29560
SM_V9_4 iris    exon    22272285        22272421        .       -
        .       Parent=Smp_336740.1;Name=93a6b276-444f-4943-9aed-
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SM_V9_4 iris    exon    22274060        22274957        .       -
        .       Parent=Smp_336740.1;Name=25e5a831-293a-4ed6-875d-
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SM_V9_4 iris    CDS     22258998        22259788        .       -
        2       Parent=Smp_336740.1
SM_V9_4 iris    CDS     22263227        22263315        .       -
        1       Parent=Smp_336740.1
SM_V9_4 iris    CDS     22266669        22266736        .       -
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SM_V9_4 iris    CDS     22268802        22268990        .       -
        0       Parent=Smp_336740.1
SM_V9_4 iris    CDS     22270548        22270684        .       -
        2       Parent=Smp_336740.1
SM_V9_4 iris    CDS     22272285        22272421        .       -
        1       Parent=Smp_336740.1
SM_V9_4 iris    CDS     22274060        22274613        .       -
        0       Parent=Smp_336740.1
SM_V9_4 Liftoff gene    22287089        22305144        .       -
        .       ID=Smp_156670;geneID=Smp_156670
SM_V9_4 Liftoff mRNA    22287089        22305144        .       -
        .
ID=Smp_156670.1;Parent=Smp_156670;geneID=Smp_156670;product=DNA-
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RPB1;polypeptide_domain=InterPro:IPR000722,IPR006592,IPR007066,IPR00
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7073,IPR007075,IPR007080,IPR007081,IPR007083
Pfam:PF00623,PF04983,PF04990,PF04992,PF04997,PF04998,PF05000;Ontolog
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SM_V9_4 Liftoff exon    22287089        22292585        .       -
        .       Parent=Smp_156670.1
SM_V9_4 Liftoff exon    22293656        22294081        .       -
        .       Parent=Smp_156670.1
SM_V9_4 Liftoff exon    22304353        22305144        .       -
        .       Parent=Smp_156670.1
SM_V9_4 Liftoff CDS     22287378        22292585        .       -
        0       Parent=Smp_156670.1
SM_V9_4 Liftoff CDS     22293656        22294081        .       -
        0       Parent=Smp_156670.1
SM_V9_4 Liftoff CDS     22304353        22304433        .       -
        0       Parent=Smp_156670.1
SM_V9_4 Liftoff gene    22313593        22314416        .       +
        .
ID=Smp_303300;geneID=Smp_303300;previous_systematic_id=Smp_202650
SM_V9_4 Liftoff mRNA    22313593        22314416        .       +
        .
ID=Smp_303300.1;Parent=Smp_303300;geneID=Smp_303300;product=Immediat
e early response 3-interacting protein
1;polypeptide_domain=InterPro:IPR013880 Pfam:PF08571
SM_V9_4 Liftoff exon    22313593        22313777        .       +
        .       Parent=Smp_303300.1
SM_V9_4 Liftoff exon    22313811        22313906        .       +
        .       Parent=Smp_303300.1
SM_V9_4 Liftoff exon    22313943        22314416        .       +
        .       Parent=Smp_303300.1
SM_V9_4 Liftoff CDS     22313687        22313777        .       +
        0       Parent=Smp_303300.1
SM_V9_4 Liftoff CDS     22313811        22313906        .       +
        2       Parent=Smp_303300.1
SM_V9_4 Liftoff CDS     22313943        22313998        .       +
        2       Parent=Smp_303300.1
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        .       ID=Smp_064010;geneID=Smp_064010
SM_V9_4 Liftoff mRNA    22406504        22426073        .       -
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AMP-dependent transcription factor
ATF-1;polypeptide_domain=InterPro:IPR004827
Pfam:PF00170;Ontology_term=GO:0003700,GO:0006355
SM_V9_4 Liftoff exon    22406504        22412525        .       -
        .       Parent=Smp_064010.1
SM_V9_4 Liftoff exon    22414005        22414651        .       -
        .       Parent=Smp_064010.1
SM_V9_4 Liftoff exon    22417650        22426073        .       -
        .       Parent=Smp_064010.1
SM_V9_4 Liftoff CDS     22411493        22412525        .       -
        1       Parent=Smp_064010.1
SM_V9_4 Liftoff CDS     22414005        22414651        .       -
        0       Parent=Smp_064010.1
SM_V9_4 Liftoff CDS     22417650        22418444        .       -
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like 1;polypeptide_domain=InterPro:IPR003593,IPR010339,IPR027417
Pfam:PF06068;Ontology_term=GO:0003678,GO:0005524
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        .       Parent=Smp_064050.1
SM_V9_4 Liftoff exon    22449141        22449335        .       -
        .       Parent=Smp_064050.1
SM_V9_4 Liftoff exon    22453948        22454146        .       -
        .       Parent=Smp_064050.1
SM_V9_4 Liftoff exon    22456291        22456662        .       -
        .       Parent=Smp_064050.1
SM_V9_4 Liftoff exon    22456696        22456779        .       -
        .       Parent=Smp_064050.1
SM_V9_4 Liftoff exon    22456817        22456949        .       -
        .       Parent=Smp_064050.1
SM_V9_4 Liftoff exon    22457046        22457132        .       -
        .       Parent=Smp_064050.1
SM_V9_4 Liftoff exon    22457168        22457397        .       -
        .       Parent=Smp_064050.1
SM_V9_4 Liftoff CDS     22446854        22447013        .       -
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SM_V9_4 Liftoff CDS     22449141        22449335        .       -
        1       Parent=Smp_064050.1
SM_V9_4 Liftoff CDS     22453948        22454146        .       -
        2       Parent=Smp_064050.1
SM_V9_4 Liftoff CDS     22456291        22456662        .       -
        2       Parent=Smp_064050.1
SM_V9_4 Liftoff CDS     22456696        22456779        .       -
        2       Parent=Smp_064050.1
SM_V9_4 Liftoff CDS     22456817        22456949        .       -
        0       Parent=Smp_064050.1
SM_V9_4 Liftoff CDS     22457046        22457132        .       -
        0       Parent=Smp_064050.1
SM_V9_4 Liftoff CDS     22457168        22457308        .       -
        0       Parent=Smp_064050.1
SM_V9_4 Liftoff gene    22468543        22485607        .       +
        .       ID=Smp_064040;geneID=Smp_064040
SM_V9_4 Liftoff mRNA    22468543        22485607        .       +
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ID=Smp_064040.1;Parent=Smp_064040;geneID=Smp_064040;product=Serine/
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2;polypeptide_domain=InterPro:IPR000095,IPR000719,IPR008271,IPR01100
9,IPR017441,IPR033923
Pfam:PF00069,PF00786;Ontology_term=GO:0004672,GO:0004674,GO:0005524,
GO:0006468
SM_V9_4 Liftoff exon    22468543        22468887        .       +
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SM_V9_4 Liftoff exon    22468935        22469116        .       +
        .       Parent=Smp_064040.1
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SM_V9_4 Liftoff exon    22469339        22469402        .       +
        .       Parent=Smp_064040.1
SM_V9_4 Liftoff exon    22480641        22480973        .       +
        .       Parent=Smp_064040.1
SM_V9_4 Liftoff exon    22481927        22482179        .       +
        .       Parent=Smp_064040.1
SM_V9_4 Liftoff exon    22484953        22485607        .       +
        .       Parent=Smp_064040.1
SM_V9_4 Liftoff CDS     22468608        22468887        .       +
        0       Parent=Smp_064040.1
SM_V9_4 Liftoff CDS     22468935        22469116        .       +
        2       Parent=Smp_064040.1
SM_V9_4 Liftoff CDS     22469157        22469226        .       +
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SM_V9_4 Liftoff CDS     22469339        22469402        .       +
        2       Parent=Smp_064040.1
SM_V9_4 Liftoff CDS     22480641        22480973        .       +
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SM_V9_4 Liftoff CDS     22481927        22482179        .       +
        1       Parent=Smp_064040.1
SM_V9_4 Liftoff CDS     22484953        22485174        .       +
        0       Parent=Smp_064040.1
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        .       ID=Smp_064030;geneID=Smp_064030
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ID=Smp_064030.1;Parent=Smp_064030;geneID=Smp_064030;product=Uncharac
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SM_V9_4 Liftoff exon    22487976        22488198        .       -
        .       Parent=Smp_064030.1
SM_V9_4 Liftoff exon    22488242        22488527        .       -
        .       Parent=Smp_064030.1
SM_V9_4 Liftoff exon    22488564        22488789        .       -
        .       Parent=Smp_064030.1
SM_V9_4 Liftoff CDS     22485846        22485869        .       -
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SM_V9_4 Liftoff CDS     22485989        22486086        .       -
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SM_V9_4 Liftoff CDS     22487976        22488198        .       -
        0       Parent=Smp_064030.1
SM_V9_4 Liftoff CDS     22488242        22488527        .       -
        1       Parent=Smp_064030.1
SM_V9_4 Liftoff CDS     22488564        22488709        .       -
        0       Parent=Smp_064030.1
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SM_V9_4 iris    mRNA    22513411        22535999        .       -
       .
ID=Smp_064020.1;Parent=Smp_064020;geneID=Smp_064020;gene_name=Smp_06
4020;owner=irisadmin@local.host;orig_id=Smp_064020.1;date_last_modif
ied=2022-07-24;Name=Smp_064020.1;product=PAB-dependent poly(A)-
specific ribonuclease subunit PAN3;date_creation=2022-07-24
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       .
Parent=Smp_064020.1;Name=88bd9d0a-04c7-409c-8938-42cbf090a0ee
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       .       Parent=Smp_064020.1;Name=129f01c4-
d68b-4d9e-8a51-44f032913309
SM_V9_4 iris    exon    22516789        22516927        .       -
       .       Parent=Smp_064020.1;Name=bafb3a0f-2816-4d56-
a0c5-4dc06d79b27b
SM_V9_4 iris    exon    22519041        22519105        .       -
       .
Parent=Smp_064020.1;Name=51f656e8-718f-4e6d-8119-8b1dd9e7f1af
SM_V9_4 iris    exon    22521090        22521284        .       -
       .
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       .       Parent=Smp_064020.1;Name=38007639-3664-40e5-9fca-
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SM_V9_4 iris    exon    22522853        22522928        .       -
       .       Parent=Smp_064020.1;Name=a42ac55d-db8b-449e-
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SM_V9_4 iris    exon    22525026        22525176        .       -
       .       Parent=Smp_064020.1;Name=660210a7-fa4f-4650-adb7-
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SM_V9_4 iris    exon    22526725        22526862        .       -
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Parent=Smp_064020.1;Name=e63eb79a-7f08-43e4-98ce-02de3ef2fbbb
SM_V9_4 iris    exon    22528059        22528340        .       -
       .       Parent=Smp_064020.1;Name=f2a5fe05-418d-4784-
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SM_V9_4 iris    exon    22532935        22532992        .       -
       .       Parent=Smp_064020.1;Name=66a22870-
f7ad-4b60-84bc-3462c7d30b26
SM_V9_4 iris    exon    22533077        22533679        .       -
       .       Parent=Smp_064020.1;Name=f8106a05-ae17-47c8-878e-
c3d36a897611
SM_V9_4 iris    exon    22535352        22535675        .       -
       .       Parent=Smp_064020.1;Name=a421e864-ee02-4d55-8a79-
ef2aec1fe94c
SM_V9_4 iris    exon    22535735        22535999        .       -
       .
Parent=Smp_064020.1;Name=83be94c3-2ee8-4ecd-9c66-5601514823f0
SM_V9_4 iris    CDS     22515392        22515607        .       -
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SM_V9_4 iris    CDS     22519041        22519105        .       -
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SM_V9_4 iris    CDS     22521838        22521906        .       -
        0       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22522853        22522928        .       -
        1       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22525026        22525176        .       -
        2       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22526725        22526862        .       -
        2       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22528059        22528340        .       -
        2       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22532935        22532992        .       -
        0       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22533077        22533679        .       -
        0       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22535352        22535675        .       -
        0       Parent=Smp_064020.1
SM_V9_4 iris    CDS     22535735        22535833        .       -
        0       Parent=Smp_064020.1
SM_V9_4 iris    gene    22541801        22545459        .       -
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ID=Smp_317070;geneID=Smp_317070;gene_name=Smp_317070;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    22541801        22545459        .       -
        .
ID=Smp_317070.1;Parent=Smp_317070;geneID=Smp_317070;gene_name=Smp_31
7070;owner=irisadmin@local.host;orig_id=Smp_317070.1;date_last_modif
ied=2022-07-24;Name=Smp_317070.1;product=Synaptojanin-2;date_creatio
n=2022-07-24
SM_V9_4 iris    exon    22541801        22542333        .       -
        .       Parent=Smp_317070.1;Name=fd725415-7919-4a5b-80f9-
c9103274ac4f
SM_V9_4 iris    exon    22545012        22545459        .       -
        .       Parent=Smp_317070.1;Name=6cb4a91d-ee47-4c31-a1fd-
e97eceb60d00
SM_V9_4 iris    CDS     22541902        22542333        .       -
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SM_V9_4 iris    CDS     22545012        22545407        .       -
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SM_V9_4 Liftoff gene    22558823        22623037        .       +
        .
ID=Smp_334200;geneID=Smp_334200;previous_systematic_id=Smp_159660,Sm
p_159670
SM_V9_4 Liftoff mRNA    22558823        22623037        .       +
        .
ID=Smp_334200.1;Parent=Smp_334200;geneID=Smp_334200;product=Synaptoj
anin-1;polypeptide_domain=InterPro:IPR000300,IPR002013,IPR005135,IPR
015047
Pfam:PF02383,PF03372,PF08952;Ontology_term=GO:0042578,GO:0046856
SM_V9_4 Liftoff exon    22558823        22559259        .       +
        .       Parent=Smp_334200.1
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SM_V9_4 Liftoff exon    22561938        22562330        .       +
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SM_V9_4 Liftoff exon    22565412        22565681        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22571119        22571277        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22577102        22577257        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22579529        22579730        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22580808        22581382        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22589993        22590565        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22594613        22594872        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22596089        22596453        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22600110        22600647        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22621630        22621720        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff exon    22622770        22623037        .       +
        .       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22558864        22559259        .       +
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SM_V9_4 Liftoff CDS     22565412        22565681        .       +
        0       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22571119        22571277        .       +
        0       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22577102        22577257        .       +
        0       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22579529        22579730        .       +
        0       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22580808        22581382        .       +
        2       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22589993        22590565        .       +
        0       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22594613        22594872        .       +
        0       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22596089        22596453        .       +
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SM_V9_4 Liftoff CDS     22600110        22600647        .       +
        2       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22621630        22621720        .       +
        1       Parent=Smp_334200.1
SM_V9_4 Liftoff CDS     22622770        22622865        .       +
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SM_V9_4 Liftoff gene    22623041        22635369        .       -
        .
ID=Smp_069160;geneID=Smp_069160;previous_systematic_id=Smp_159680
SM_V9_4 Liftoff mRNA    22623041        22635369        .       -
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1;polypeptide_domain=InterPro:IPR002130,IPR020892,IPR029000
Pfam:PF00160;Ontology_term=GO:0000413,GO:0003755,GO:0006457
SM_V9_4 Liftoff exon    22623041        22623651        .       -
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SM_V9_4 Liftoff exon    22625050        22625436        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22625970        22626009        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22627323        22627751        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22627999        22628336        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22628840        22629208        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22629574        22629919        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22630842        22631075        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22631468        22631622        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22632863        22632947        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22634232        22634366        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22634399        22634501        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22634536        22634702        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22634737        22634824        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22634860        22635012        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22635046        22635120        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff exon    22635160        22635369        .       -
        .       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22623169        22623651        .       -
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SM_V9_4 Liftoff CDS     22625050        22625436        .       -
        0       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22625970        22626009        .       -
        1       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22627323        22627751        .       -
        1       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22627999        22628336        .       -
        0       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22628840        22629208        .       -
        0       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22629574        22629919        .       -
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SM_V9_4 Liftoff CDS     22630842        22631075        .       -
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SM_V9_4 Liftoff CDS     22634860        22635012        .       -
        2       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22635046        22635120        .       -
        2       Parent=Smp_069160.1
SM_V9_4 Liftoff CDS     22635160        22635220        .       -
        0       Parent=Smp_069160.1
SM_V9_4 Liftoff gene    22650013        22667689        .       +
        .       ID=Smp_069170;geneID=Smp_069170
SM_V9_4 Liftoff mRNA    22650013        22667689        .       +
        .
ID=Smp_069170.1;Parent=Smp_069170;geneID=Smp_069170;product=Zinc
transporter 1;polypeptide_domain=InterPro:IPR002524,IPR027470
Pfam:PF01545;Ontology_term=GO:0006812,GO:0008324,GO:0016021,GO:00550
85
SM_V9_4 Liftoff exon    22650013        22650587        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff exon    22651590        22651830        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff exon    22652389        22652551        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff exon    22654825        22654868        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff exon    22657579        22657658        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff exon    22659217        22659310        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff exon    22665204        22665292        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff exon    22666390        22667689        .       +
        .       Parent=Smp_069170.1
SM_V9_4 Liftoff CDS     22650138        22650587        .       +
        0       Parent=Smp_069170.1
SM_V9_4 Liftoff CDS     22651590        22651830        .       +
        0       Parent=Smp_069170.1
SM_V9_4 Liftoff CDS     22652389        22652551        .       +
        2       Parent=Smp_069170.1
SM_V9_4 Liftoff CDS     22654825        22654868        .       +
        1       Parent=Smp_069170.1
SM_V9_4 Liftoff CDS     22657579        22657658        .       +
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SM_V9_4 Liftoff CDS     22659217        22659310        .       +
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        0       Parent=Smp_069170.1
SM_V9_4 Liftoff CDS     22665204        22665292        .       +
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SM_V9_4 Liftoff CDS     22666390        22666650        .       +
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SM_V9_4 iris    gene    22740769        22752306        .       -
        .
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@local.host;date_last_modified=2022-07-25;date_creation=2022-07-24
SM_V9_4 iris    mRNA    22740769        22752306        .       -
        .
ID=Smp_159690.1;Parent=Smp_159690;geneID=Smp_159690;gene_name=Smp_15
9690;owner=irisadmin@local.host;orig_id=Smp_159690.1;date_last_modif
ied=2022-07-25;Name=Smp_159690.1;product=Nuclear pore complex
protein Nup85;date_creation=2022-07-24
SM_V9_4 iris    exon    22740769        22741962        .       -
        .
Parent=Smp_159690.1;Name=1b5282f1-8684-4b79-925f-5506bf5d4505
SM_V9_4 iris    exon    22743503        22743723        .       -
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ec458c03c8f9
SM_V9_4 iris    exon    22744411        22744615        .       -
        .       Parent=Smp_159690.1;Name=bd4e1598-2b7e-4bf8-b9e6-
e257b014dcdb
SM_V9_4 iris    exon    22746215        22746561        .       -
        .       Parent=Smp_159690.1;Name=64f78443-2b04-47c7-
aab5-6a6c91444c6c
SM_V9_4 iris    exon    22747445        22747772        .       -
        .
Parent=Smp_159690.1;Name=2b460648-0091-4346-8f10-2e3497cf5d61
SM_V9_4 iris    exon    22751707        22751816        .       -
        .       Parent=Smp_159690.1;Name=2d933a3d-f04c-453d-83d4-
ced2ebe061a5
SM_V9_4 iris    exon    22751845        22751915        .       -
        .       Parent=Smp_159690.1;Name=c13ff6e5-0e0a-475d-
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SM_V9_4 iris    exon    22751948        22751987        .       -
        .       Parent=Smp_159690.1;Name=68ccfd25-3daa-4f60-b40f-
cb4e34469275
SM_V9_4 iris    exon    22752024        22752306        .       -
        .       Parent=Smp_159690.1;Name=8fc4dc6b-28f5-40a3-
b13e-515fd564bc19
SM_V9_4 iris    CDS     22741102        22741962        .       -
        0       Parent=Smp_159690.1
SM_V9_4 iris    CDS     22743503        22743723        .       -
        2       Parent=Smp_159690.1
SM_V9_4 iris    CDS     22744411        22744615        .       -
        0       Parent=Smp_159690.1
SM_V9_4 iris    CDS     22746215        22746561        .       -
        2       Parent=Smp_159690.1
SM_V9_4 iris    CDS     22747445        22747772        .       -
        0       Parent=Smp_159690.1
SM_V9_4 iris    CDS     22751707        22751816        .       -
        2       Parent=Smp_159690.1
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SM_V9_4 iris    CDS     22751845        22751915        .       -
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SM_V9_4 iris    CDS     22751948        22751987        .       -
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SM_V9_4 iris    CDS     22752024        22752219        .       -
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SM_V9_4 iris    gene    22758794        22770356        .       -
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@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    22758794        22770356        .       -
        .
ID=Smp_159700.1;Parent=Smp_159700;geneID=Smp_159700;gene_name=Smp_15
9700;owner=irisadmin@local.host;orig_id=Smp_159700.1;date_last_modif
ied=2022-08-19;Name=Smp_159700.1;product=BTB/POZ domain-containing
protein kctd15;date_creation=2022-08-19
SM_V9_4 iris    exon    22758794        22760104        .       -
        .       Parent=Smp_159700.1;Name=0a52c1a4-b1b0-412b-823a-
e5858ff144d4
SM_V9_4 iris    exon    22767565        22768611        .       -
        .       Parent=Smp_159700.1;Name=fdd87799-0f08-4c75-8152-
fe321256f7b2
SM_V9_4 iris    exon    22770263        22770356        .       -
        .       Parent=Smp_159700.1;Name=d667bb54-
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SM_V9_4 iris    CDS     22759291        22760104        .       -
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SM_V9_4 iris    CDS     22767565        22768598        .       -
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        .       ID=Smp_069220;geneID=Smp_069220
SM_V9_4 Liftoff mRNA    22775479        22786615        .       +
        .
ID=Smp_069220.1;Parent=Smp_069220;geneID=Smp_069220;product=Protein
DGCR14 homolog;polypeptide_domain=InterPro:IPR019148 Pfam:PF09751
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        .       Parent=Smp_069220.1
SM_V9_4 Liftoff exon    22776544        22776676        .       +
        .       Parent=Smp_069220.1
SM_V9_4 Liftoff exon    22776714        22776862        .       +
        .       Parent=Smp_069220.1
SM_V9_4 Liftoff exon    22776901        22777152        .       +
        .       Parent=Smp_069220.1
SM_V9_4 Liftoff exon    22778335        22778660        .       +
        .       Parent=Smp_069220.1
SM_V9_4 Liftoff exon    22785932        22786615        .       +
        .       Parent=Smp_069220.1
SM_V9_4 Liftoff CDS     22775507        22775629        .       +
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SM_V9_4 Liftoff CDS     22776544        22776676        .       +
        0       Parent=Smp_069220.1
SM_V9_4 Liftoff CDS     22776714        22776862        .       +
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SM_V9_4 Liftoff CDS     22776901        22777152        .       +
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        1       Parent=Smp_069220.1
SM_V9_4 iris    gene    22849967        22856468        .       -
        .
ID=Smp_069240;geneID=Smp_069240;gene_name=Smp_069240;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    22849967        22856468        .       -
        .
ID=Smp_069240.1;Parent=Smp_069240;geneID=Smp_069240;gene_name=Smp_06
9240;owner=irisadmin@local.host;orig_id=Smp_069240.1;date_last_modif
ied=2022-07-24;Name=Smp_069240.1;product=Potassium voltage-gated
channel protein Shaker;date_creation=2022-07-24
SM_V9_4 iris    exon    22849967        22852300        .       -
        .       Parent=Smp_069240.1;Name=c4d40ae5-e9c5-42df-b134-
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SM_V9_4 iris    exon    22855999        22856468        .       -
        .       Parent=Smp_069240.1;Name=40e1bf72-f956-40fe-
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SM_V9_4 iris    CDS     22850833        22852300        .       -
        1       Parent=Smp_069240.1
SM_V9_4 iris    CDS     22855999        22856069        .       -
        0       Parent=Smp_069240.1
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        .
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SM_V9_4 Liftoff mRNA    22932410        22942785        .       -
        .
ID=Smp_345090.1;Parent=Smp_345090;geneID=Smp_345090;product=Carbonic
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Pfam:PF00194
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        .       Parent=Smp_345090.1
SM_V9_4 Liftoff exon    22934959        22935084        .       -
        .       Parent=Smp_345090.1
SM_V9_4 Liftoff exon    22938223        22938377        .       -
        .       Parent=Smp_345090.1
SM_V9_4 Liftoff exon    22939160        22939226        .       -
        .       Parent=Smp_345090.1
SM_V9_4 Liftoff exon    22940556        22940651        .       -
        .       Parent=Smp_345090.1
SM_V9_4 Liftoff exon    22941131        22941319        .       -
        .       Parent=Smp_345090.1
SM_V9_4 Liftoff exon    22942179        22942785        .       -
        .       Parent=Smp_345090.1
SM_V9_4 Liftoff CDS     22932943        22932962        .       -
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SM_V9_4 Liftoff CDS     22933871        22933910        .       -
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SM_V9_4 Liftoff CDS     22934959        22935084        .       -
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        0       Parent=Smp_345090.1
SM_V9_4 Liftoff CDS     22940556        22940651        .       -
        0       Parent=Smp_345090.1
SM_V9_4 Liftoff CDS     22941131        22941319        .       -
        0       Parent=Smp_345090.1
SM_V9_4 Liftoff CDS     22942179        22942265        .       -
        0       Parent=Smp_345090.1
SM_V9_4 Liftoff gene    22953669        22976653        .       +
        .       ID=Smp_135470;geneID=Smp_135470
SM_V9_4 Liftoff mRNA    22953669        22976653        .       +
        .
ID=Smp_135470.1;Parent=Smp_135470;geneID=Smp_135470;product=Carbonic
anhydrase-related protein 10;polypeptide_domain=InterPro:IPR001148
Pfam:PF00194
SM_V9_4 Liftoff exon    22953669        22953835        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22959586        22959669        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22963123        22963283        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22963661        22963849        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22965645        22965740        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22967455        22967521        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22969781        22969935        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22972120        22972245        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22974816        22974855        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff exon    22975602        22976653        .       +
        .       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22953784        22953835        .       +
        0       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22959586        22959669        .       +
        2       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22963123        22963283        .       +
        2       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22963661        22963849        .       +
        0       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22965645        22965740        .       +
        0       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22967455        22967521        .       +
        0       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22969781        22969935        .       +
        2       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22972120        22972245        .       +
        0       Parent=Smp_135470.1
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SM_V9_4 Liftoff CDS     22974816        22974855        .       +
        0       Parent=Smp_135470.1
SM_V9_4 Liftoff CDS     22975602        22975627        .       +
        2       Parent=Smp_135470.1
SM_V9_4 Liftoff gene    23001389        23025343        .       +
        .       ID=Smp_135480;geneID=Smp_135480
SM_V9_4 Liftoff mRNA    23001389        23025343        .       +
        .
ID=Smp_135480.1;Parent=Smp_135480;geneID=Smp_135480;product=Intrafla
gellar transport protein 88
homolog;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13174,PF13432;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    23001389        23001565        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23002212        23002517        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23004093        23004357        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23005128        23005242        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23005282        23005513        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23005558        23005628        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23007572        23007758        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23008850        23009006        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23015399        23015663        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23018140        23018251        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23019377        23019492        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23021742        23021860        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23023279        23023476        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff exon    23024417        23025343        .       +
        .       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23001428        23001565        .       +
        0       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23002212        23002517        .       +
        0       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23004093        23004357        .       +
        0       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23005128        23005242        .       +
        2       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23005282        23005513        .       +
        1       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23005558        23005628        .       +
        0       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23007572        23007758        .       +
        1       Parent=Smp_135480.1
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SM_V9_4 Liftoff CDS     23008850        23009006        .       +
        0       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23015399        23015663        .       +
        2       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23018140        23018251        .       +
        1       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23019377        23019492        .       +
        0       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23021742        23021860        .       +
        1       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23023279        23023476        .       +
        2       Parent=Smp_135480.1
SM_V9_4 Liftoff CDS     23024417        23024676        .       +
        2       Parent=Smp_135480.1
SM_V9_4 Liftoff gene    23028852        23046426        .       -
        .       ID=Smp_024580;geneID=Smp_024580
SM_V9_4 Liftoff mRNA    23028852        23046426        .       -
        .
ID=Smp_024580.1;Parent=Smp_024580;geneID=Smp_024580;product=Mannosyl
-oligosaccharide
glucosidase;polypeptide_domain=InterPro:IPR008928,IPR031335,IPR03163
1 Pfam:PF03200,PF16923;Ontology_term=GO:0003824
SM_V9_4 Liftoff exon    23028852        23029488        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff exon    23032006        23032349        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff exon    23033273        23033474        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff exon    23035078        23035458        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff exon    23036757        23037160        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff exon    23038463        23038574        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff exon    23040769        23040919        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff exon    23042329        23046426        .       -
        .       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23028973        23029488        .       -
        0       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23032006        23032349        .       -
        2       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23033273        23033474        .       -
        0       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23035078        23035458        .       -
        0       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23036757        23037160        .       -
        2       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23038463        23038574        .       -
        0       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23040769        23040919        .       -
        1       Parent=Smp_024580.1
SM_V9_4 Liftoff CDS     23042329        23042852        .       -
        0       Parent=Smp_024580.1
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SM_V9_4 Liftoff gene    23052250        23052952        .       +
        .       ID=Smp_024590;geneID=Smp_024590
SM_V9_4 Liftoff mRNA    23052250        23052952        .       +
        .
ID=Smp_024590.1;Parent=Smp_024590;geneID=Smp_024590;product=Signal
recognition particle 19 kDa
protein;polypeptide_domain=InterPro:IPR002778
Pfam:PF01922;Ontology_term=GO:0006614,GO:0008312,GO:0048500
SM_V9_4 Liftoff exon    23052250        23052497        .       +
        .       Parent=Smp_024590.1
SM_V9_4 Liftoff exon    23052536        23052630        .       +
        .       Parent=Smp_024590.1
SM_V9_4 Liftoff exon    23052666        23052952        .       +
        .       Parent=Smp_024590.1
SM_V9_4 Liftoff CDS     23052285        23052497        .       +
        0       Parent=Smp_024590.1
SM_V9_4 Liftoff CDS     23052536        23052630        .       +
        0       Parent=Smp_024590.1
SM_V9_4 Liftoff CDS     23052666        23052804        .       +
        1       Parent=Smp_024590.1
SM_V9_4 iris    gene    23056335        23106583        .       +
        .
ID=Smp_135490;geneID=Smp_135490;gene_name=Smp_135490;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    23056335        23106583        .       +
        .
ID=Smp_135490.1;Parent=Smp_135490;geneID=Smp_135490;gene_name=Smp_13
5490;owner=irisadmin@local.host;orig_id=Smp_135490.1;date_last_modif
ied=2022-07-24;Name=Smp_135490.1;product=Multidrug and toxin
extrusion protein 1;date_creation=2022-07-24
SM_V9_4 iris    exon    23056335        23056426        .       +
        .       Parent=Smp_135490.1;Name=02422339-
e528-44b4-8934-975344f8793b
SM_V9_4 iris    exon    23066665        23066746        .       +
        .       Parent=Smp_135490.1;Name=9d6c1ff2-71ae-40a0-9296-
c90d772baf4e
SM_V9_4 iris    exon    23068065        23068166        .       +
        .
Parent=Smp_135490.1;Name=0e4c68a0-3dea-45a0-99be-6576a2b8382a
SM_V9_4 iris    exon    23069387        23069455        .       +
        .       Parent=Smp_135490.1;Name=162f9531-189f-4d1f-badc-
c6b260d00855
SM_V9_4 iris    exon    23077264        23077312        .       +
        .       Parent=Smp_135490.1;Name=43f20218-576d-4ff6-
acef-1def05577ede
SM_V9_4 iris    exon    23077372        23077471        .       +
        .       Parent=Smp_135490.1;Name=60db4ae0-0533-4e65-
ab08-4d50ca9e55e5
SM_V9_4 iris    exon    23081972        23082014        .       +
        .       Parent=Smp_135490.1;Name=d9b199e0-6491-4ea6-
badf-6d5047580a51
SM_V9_4 iris    exon    23082979        23083121        .       +
        .       Parent=Smp_135490.1;Name=dadaf417-97c8-4e04-
bdb5-3291f38c5af9
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SM_V9_4 iris    exon    23084710        23084807        .       +
        .       Parent=Smp_135490.1;Name=65388680-0863-4fba-a572-
cab124c491b4
SM_V9_4 iris    exon    23090982        23091098        .       +
        .
Parent=Smp_135490.1;Name=b846513e-5b57-4853-8b33-01fd178bd564
SM_V9_4 iris    exon    23091940        23092007        .       +
        .       Parent=Smp_135490.1;Name=f8c35372-b98f-4a7e-
b5a8-20f78ffd6a8a
SM_V9_4 iris    exon    23092631        23092739        .       +
        .
Parent=Smp_135490.1;Name=318c7e4c-2674-43b3-910c-42926f931885
SM_V9_4 iris    exon    23093760        23093835        .       +
        .       Parent=Smp_135490.1;Name=f04198d3-bdbd-4e5f-
a906-686f6c9504e0
SM_V9_4 iris    exon    23095861        23095930        .       +
        .       Parent=Smp_135490.1;Name=b4587ac6-eb62-4679-b4c4-
bee5a2d22a16
SM_V9_4 iris    exon    23098708        23098840        .       +
        .       Parent=Smp_135490.1;Name=b89b63c1-0570-4b65-
ac23-54dba2242b2f
SM_V9_4 iris    exon    23102746        23102840        .       +
        .       Parent=Smp_135490.1;Name=aa2f4d5a-b4b8-413c-
b60f-1747a8e27eef
SM_V9_4 iris    exon    23103926        23104028        .       +
        .       Parent=Smp_135490.1;Name=ffcfe9f2-2b26-448b-
a548-46acbda87fba
SM_V9_4 iris    exon    23105868        23106583        .       +
        .
Parent=Smp_135490.1;Name=94ff6b68-9bb6-4043-856f-052e46f55380
SM_V9_4 iris    CDS     23056398        23056426        .       +
        0       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23066665        23066746        .       +
        1       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23068065        23068166        .       +
        0       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23069387        23069455        .       +
        0       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23077264        23077312        .       +
        0       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23077372        23077471        .       +
        2       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23081972        23082014        .       +
        1       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23082979        23083121        .       +
        0       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23084710        23084807        .       +
        1       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23090982        23091098        .       +
        2       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23091940        23092007        .       +
        2       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23092631        23092739        .       +
        0       Parent=Smp_135490.1
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SM_V9_4 iris    CDS     23093760        23093835        .       +
        2       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23095861        23095930        .       +
        1       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23098708        23098840        .       +
        0       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23102746        23102840        .       +
        2       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23103926        23104028        .       +
        0       Parent=Smp_135490.1
SM_V9_4 iris    CDS     23105868        23106217        .       +
        2       Parent=Smp_135490.1
SM_V9_4 iris    gene    23146210        23211833        .       +
        .
ID=Smp_135500;geneID=Smp_135500;gene_name=Smp_135500;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    23146210        23211833        .       +
        .
ID=Smp_135500.1;Parent=Smp_135500;geneID=Smp_135500;gene_name=Smp_13
5500;owner=irisadmin@local.host;orig_id=Smp_135500.1;date_last_modif
ied=2022-07-24;Name=Smp_135500.1;product=cGMP-dependent 3',5'-cyclic
phosphodiesterase;date_creation=2022-07-24
SM_V9_4 iris    exon    23146210        23146353        .       +
        .       Parent=Smp_135500.1;Name=d606d639-
c748-49dc-9926-01c74420b664
SM_V9_4 iris    exon    23160028        23160123        .       +
        .       Parent=Smp_135500.1;Name=8e48d2b6-1aaf-46dc-
ba39-0e79a7f05dae
SM_V9_4 iris    exon    23160559        23160638        .       +
        .       Parent=Smp_135500.1;Name=4d668122-7901-421a-
a6f1-519ebbd08ac2
SM_V9_4 iris    exon    23162350        23162471        .       +
        .       Parent=Smp_135500.1;Name=d99466c5-564e-4f6c-82bd-
a3d4da9b165f
SM_V9_4 iris    exon    23169770        23169828        .       +
        .       Parent=Smp_135500.1;Name=b25b49d6-e96f-4a5e-a71d-
db0c03ceb213
SM_V9_4 iris    exon    23171843        23171902        .       +
        .       Parent=Smp_135500.1;Name=dfef32dc-
ddc7-4811-83f4-9d2d4e441837
SM_V9_4 iris    exon    23172985        23173144        .       +
        .
Parent=Smp_135500.1;Name=61f34842-744d-4b0f-89e1-1c1acdc7098a
SM_V9_4 iris    exon    23174428        23174480        .       +
        .       Parent=Smp_135500.1;Name=0dd36098-ef12-4dd0-a235-
c7a6b441d17b
SM_V9_4 iris    exon    23175021        23175095        .       +
        .       Parent=Smp_135500.1;Name=f2a181a4-
f4df-42a4-8427-654c72936592
SM_V9_4 iris    exon    23176995        23177036        .       +
        .       Parent=Smp_135500.1;Name=045bf18e-
b0f3-438b-88bd-1cd5fe82e6bf
SM_V9_4 iris    exon    23179651        23179716        .       +
        .       Parent=Smp_135500.1;Name=b4173ef3-5fae-4b2b-9317-
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ba08b164395e
SM_V9_4 iris    exon    23180539        23180720        .       +
        .
Parent=Smp_135500.1;Name=ecf3dd90-7f65-4ba0-984c-29199b699a25
SM_V9_4 iris    exon    23182759        23182870        .       +
        .       Parent=Smp_135500.1;Name=52543f71-47a4-4b51-
b0f0-13bc5003b9bb
SM_V9_4 iris    exon    23184810        23184913        .       +
        .       Parent=Smp_135500.1;Name=95e6536a-09f1-4c86-b516-
b82b03a2848f
SM_V9_4 iris    exon    23186784        23186868        .       +
        .       Parent=Smp_135500.1;Name=156e9c8d-c9dc-4203-
b932-1422cab65df7
SM_V9_4 iris    exon    23190736        23190771        .       +
        .       Parent=Smp_135500.1;Name=1e7f19af-9591-4b43-
aed4-0b24c8fa7442
SM_V9_4 iris    exon    23192184        23192244        .       +
        .       Parent=Smp_135500.1;Name=e7d30d8b-30e9-4a33-
af20-1298cdae49d9
SM_V9_4 iris    exon    23193918        23193999        .       +
        .       Parent=Smp_135500.1;Name=73e9063a-e894-41c0-8343-
d75c1c975da7
SM_V9_4 iris    exon    23195774        23195924        .       +
        .
Parent=Smp_135500.1;Name=1b9b8846-07b2-4416-91d0-717c62ea22d5
SM_V9_4 iris    exon    23197270        23197347        .       +
        .
Parent=Smp_135500.1;Name=05aadac2-2787-4be7-9d8f-8befb96722f0
SM_V9_4 iris    exon    23199275        23199400        .       +
        .       Parent=Smp_135500.1;Name=87519280-3e1d-4de1-
b26f-6a813ba851b6
SM_V9_4 iris    exon    23202647        23202922        .       +
        .       Parent=Smp_135500.1;Name=fb1ca06d-b06b-4392-
b301-3c033506c4d4
SM_V9_4 iris    exon    23205346        23205477        .       +
        .       Parent=Smp_135500.1;Name=a2a0c02e-078f-4e00-8924-
b93c32b5b148
SM_V9_4 iris    exon    23209271        23209629        .       +
        .
Parent=Smp_135500.1;Name=36bf658e-97f1-4f62-8610-1f226e95bbde
SM_V9_4 iris    exon    23211403        23211833        .       +
        .       Parent=Smp_135500.1;Name=34b98e1d-e5e6-4172-
b4f0-93a8d5035a90
SM_V9_4 iris    CDS     23146315        23146353        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23160028        23160123        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23160559        23160638        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23162350        23162471        .       +
        1       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23169770        23169828        .       +
        2       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23171843        23171902        .       +
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        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23172985        23173144        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23174428        23174480        .       +
        2       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23175021        23175095        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23176995        23177036        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23179651        23179716        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23180539        23180720        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23182759        23182870        .       +
        1       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23184810        23184913        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23186784        23186868        .       +
        1       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23190736        23190771        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23192184        23192244        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23193918        23193999        .       +
        2       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23195774        23195924        .       +
        1       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23197270        23197347        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23199275        23199400        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23202647        23202922        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23205346        23205477        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23209271        23209629        .       +
        0       Parent=Smp_135500.1
SM_V9_4 iris    CDS     23211403        23211664        .       +
        1       Parent=Smp_135500.1
SM_V9_4 iris    gene    23250959        23266606        .       -
        .
ID=Smp_135510;geneID=Smp_135510;gene_name=Smp_135510;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    23250959        23266606        .       -
        .
ID=Smp_135510.1;Parent=Smp_135510;geneID=Smp_135510;gene_name=Smp_13
5510;owner=irisadmin@local.host;orig_id=Smp_135510.2;date_last_modif
ied=2022-07-24;Name=Smp_135510.1;product=N-acetylated-alpha-linked
acidic dipeptidase 2;date_creation=2022-07-24
SM_V9_4 iris    exon    23250959        23251380        .       -
        .       Parent=Smp_135510.1;Name=94603654-d230-450f-8133-
f835fe961626
SM_V9_4 iris    exon    23252380        23252467        .       -
        .       Parent=Smp_135510.1;Name=5e5b05b4-5d7f-4f9e-
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b5ff-74cd3593bd3a
SM_V9_4 iris    exon    23254687        23254963        .       -
        .       Parent=Smp_135510.1;Name=be554e76-6bd1-485f-
b72d-12cd6eaf5958
SM_V9_4 iris    exon    23255876        23255960        .       -
        .       Parent=Smp_135510.1;Name=a0462ad1-
d56d-4f17-9e4e-6297104fddb0
SM_V9_4 iris    exon    23257720        23258017        .       -
        .       Parent=Smp_135510.1;Name=06267d2e-
f6ab-43a2-9bf1-2968f31be8b5
SM_V9_4 iris    exon    23258641        23258867        .       -
        .       Parent=Smp_135510.1;Name=13e83bcd-4a35-407c-
bbd5-4e7d3beca74a
SM_V9_4 iris    exon    23260341        23260512        .       -
        .       Parent=Smp_135510.1;Name=1dc2252b-8ae9-4e84-
b16d-4010486e5bfb
SM_V9_4 iris    exon    23261325        23261810        .       -
        .       Parent=Smp_135510.1;Name=1f7d9220-
cb61-4f88-9cde-37cc63f93fb5
SM_V9_4 iris    exon    23264285        23264446        .       -
        .       Parent=Smp_135510.1;Name=8ff5fc84-567c-4a3c-
a09d-17f7a08c6d0d
SM_V9_4 iris    exon    23265747        23266035        .       -
        .
Parent=Smp_135510.1;Name=ca4e6e6d-5ba8-4f54-9e06-7d017a2878fd
SM_V9_4 iris    exon    23266092        23266394        .       -
        .       Parent=Smp_135510.1;Name=48e99baf-
cde0-4026-9e95-35165f76ddb3
SM_V9_4 iris    exon    23266434        23266606        .       -
        .       Parent=Smp_135510.1;Name=91ad8a0d-2322-4a69-
a20d-1363bb8a19e3
SM_V9_4 iris    CDS     23251065        23251380        .       -
        1       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23252380        23252467        .       -
        2       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23254687        23254963        .       -
        0       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23255876        23255960        .       -
        1       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23257720        23258017        .       -
        2       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23258641        23258867        .       -
        1       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23260341        23260512        .       -
        2       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23261325        23261810        .       -
        2       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23264285        23264446        .       -
        2       Parent=Smp_135510.1
SM_V9_4 iris    CDS     23265747        23265969        .       -
        0       Parent=Smp_135510.1
SM_V9_4 Liftoff gene    23290430        23303385        .       +
        .
ID=Smp_340460;geneID=Smp_340460;previous_systematic_id=Smp_024650
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SM_V9_4 Liftoff mRNA    23290430        23303385        .       +
       .
ID=Smp_340460.1;Parent=Smp_340460;geneID=Smp_340460;product=Beta-1,4
-galactosyltransferase
1;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR02904
4 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_4 Liftoff exon    23290430        23303385        .       +
       .       Parent=Smp_340460.1
SM_V9_4 Liftoff CDS     23290499        23291668        .       +
       0       Parent=Smp_340460.1
SM_V9_4 Liftoff gene    23374374        23402586        .       -
       .       ID=Smp_024660;geneID=Smp_024660
SM_V9_4 Liftoff mRNA    23374374        23402586        .       -
       .
ID=Smp_024660.1;Parent=Smp_024660;geneID=Smp_024660;product=Protein
sax-3;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR003961,IPR0
07110,IPR013098,IPR013783
Pfam:PF07679,PF13927;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    23374374        23376246        .       -
       .       Parent=Smp_024660.1
SM_V9_4 Liftoff exon    23377568        23378033        .       -
       .       Parent=Smp_024660.1
SM_V9_4 Liftoff exon    23388830        23389211        .       -
       .       Parent=Smp_024660.1
SM_V9_4 Liftoff exon    23396613        23397779        .       -
       .       Parent=Smp_024660.1
SM_V9_4 Liftoff exon    23399284        23402586        .       -
       .       Parent=Smp_024660.1
SM_V9_4 Liftoff CDS     23375562        23376246        .       -
       1       Parent=Smp_024660.1
SM_V9_4 Liftoff CDS     23377568        23378033        .       -
       2       Parent=Smp_024660.1
SM_V9_4 Liftoff CDS     23388830        23389211        .       -
       0       Parent=Smp_024660.1
SM_V9_4 Liftoff CDS     23396613        23397779        .       -
       0       Parent=Smp_024660.1
SM_V9_4 Liftoff CDS     23399284        23402211        .       -
       0       Parent=Smp_024660.1
SM_V9_4 Liftoff gene    23416263        23425284        .       +
       .
ID=Smp_340470;geneID=Smp_340470;previous_systematic_id=Smp_024670
SM_V9_4 Liftoff mRNA    23416263        23425284        .       +
       .
ID=Smp_340470.1;Parent=Smp_340470;geneID=Smp_340470;product=NAD
dependent deacetylase sirtuin 7;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR003000,IPR026590,IPR029035
Pfam:PF02146;Ontology_term=GO:0070403
SM_V9_4 Liftoff exon    23416263        23420663        .       +
       .       Parent=Smp_340470.1
SM_V9_4 Liftoff exon    23421957        23422055        .       +
       .       Parent=Smp_340470.1
SM_V9_4 Liftoff exon    23422937        23425284        .       +
       .       Parent=Smp_340470.1
SM_V9_4 Liftoff CDS     23420631        23420663        .       +
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        0       Parent=Smp_340470.1
SM_V9_4 Liftoff CDS     23421957        23422055        .       +
        0       Parent=Smp_340470.1
SM_V9_4 Liftoff CDS     23422937        23424001        .       +
        0       Parent=Smp_340470.1
SM_V9_4 iris    gene    23428363        23496029        .       -
        .
ID=Smp_248070;geneID=Smp_248070;gene_name=Smp_248070;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    23428363        23496029        .       -
        .
ID=Smp_248070.1;Parent=Smp_248070;geneID=Smp_248070;gene_name=Smp_24
8070;owner=irisadmin@local.host;orig_id=Smp_248070.1;date_last_modif
ied=2022-07-24;Name=Smp_248070.1;product=Dedicator of cytokinesis
protein 6;date_creation=2022-07-24
SM_V9_4 iris    exon    23428363        23429285        .       -
        .       Parent=Smp_248070.1;Name=4318c0f5-4da3-4b63-b55b-
c4fb372a11b0
SM_V9_4 iris    exon    23435360        23435547        .       -
        .       Parent=Smp_248070.1;Name=28ec45cd-bce7-4231-
b6d7-589b14993bbe
SM_V9_4 iris    exon    23437229        23437491        .       -
        .       Parent=Smp_248070.1;Name=3346ae91-e8cf-43fa-80de-
faaa0069b3e8
SM_V9_4 iris    exon    23439387        23439477        .       -
        .       Parent=Smp_248070.1;Name=46b2330a-3df5-4384-a990-
c0df953fd125
SM_V9_4 iris    exon    23441306        23441395        .       -
        .       Parent=Smp_248070.1;Name=87e0561e-c736-430f-9a5b-
dc8512204011
SM_V9_4 iris    exon    23443410        23443544        .       -
        .       Parent=Smp_248070.1;Name=55dd597c-159a-4244-93f6-
e9d8a44981b5
SM_V9_4 iris    exon    23444547        23445005        .       -
        .       Parent=Smp_248070.1;Name=987936aa-cef4-4d4c-b684-
aefc6f3aad84
SM_V9_4 iris    exon    23445946        23446641        .       -
        .       Parent=Smp_248070.1;Name=9b53f813-6184-48db-a8df-
e3adef4ea1dc
SM_V9_4 iris    exon    23447915        23448067        .       -
        .
Parent=Smp_248070.1;Name=02754e70-74e5-49c6-9331-28eb319b3d67
SM_V9_4 iris    exon    23449022        23449267        .       -
        .       Parent=Smp_248070.1;Name=8080ec22-8d4b-4b20-
b4e3-03deb0a963c6
SM_V9_4 iris    exon    23450289        23450611        .       -
        .       Parent=Smp_248070.1;Name=8099448e-e28a-4689-bd8d-
b9f11a10dfc8
SM_V9_4 iris    exon    23452708        23452831        .       -
        .       Parent=Smp_248070.1;Name=715f7995-baf9-4cca-bd35-
c0a1d7cffe2f
SM_V9_4 iris    exon    23454163        23454477        .       -
        .       Parent=Smp_248070.1;Name=5dd03310-
e077-43f4-8d09-0114d47e507b
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SM_V9_4 iris    exon    23456019        23456367        .       -
        .       Parent=Smp_248070.1;Name=d4d9a90a-7aab-443e-
b93e-70909062dbbc
SM_V9_4 iris    exon    23457617        23458047        .       -
        .       Parent=Smp_248070.1;Name=f63ad7fc-30a3-4e0d-bcfa-
b57441deb738
SM_V9_4 iris    exon    23459476        23459597        .       -
        .       Parent=Smp_248070.1;Name=8792d024-2c86-4fa4-
bac7-75eb40d1440c
SM_V9_4 iris    exon    23461357        23461528        .       -
        .       Parent=Smp_248070.1;Name=9d4af3b5-f82c-4ff6-a61a-
b35a166ec027
SM_V9_4 iris    exon    23463397        23463504        .       -
        .       Parent=Smp_248070.1;Name=5d341bf4-3423-4337-
a7c8-93d15a852634
SM_V9_4 iris    exon    23466126        23466223        .       -
        .
Parent=Smp_248070.1;Name=1796c13d-03a8-41c1-8003-2fe14dbdf37e
SM_V9_4 iris    exon    23466593        23466924        .       -
        .       Parent=Smp_248070.1;Name=c568b03b-fa9f-4fe8-
bd08-1c78b4e7cf4c
SM_V9_4 iris    exon    23469599        23469774        .       -
        .       Parent=Smp_248070.1;Name=5dfda820-
a9f4-4c55-8dfc-030cdf1d03a1
SM_V9_4 iris    exon    23472627        23472749        .       -
        .       Parent=Smp_248070.1;Name=5aa2cfa8-2218-4bfa-
b9d4-67841597ed71
SM_V9_4 iris    exon    23473368        23473515        .       -
        .       Parent=Smp_248070.1;Name=1b76c3b3-
a2c0-48a4-89ee-3d6f0e48b809
SM_V9_4 iris    exon    23476204        23476274        .       -
        .       Parent=Smp_248070.1;Name=635cf003-b119-4240-a793-
b4d570f8bc6b
SM_V9_4 iris    exon    23477977        23478100        .       -
        .       Parent=Smp_248070.1;Name=f24251ba-e858-4707-
b0fb-2325c8ca2fd7
SM_V9_4 iris    exon    23486346        23486905        .       -
        .       Parent=Smp_248070.1;Name=1a8e55af-d994-42b2-ab18-
b4ca2fac19eb
SM_V9_4 iris    exon    23488727        23489064        .       -
        .       Parent=Smp_248070.1;Name=1b17736a-d447-4f44-8ce5-
c1057d07a163
SM_V9_4 iris    exon    23489768        23489936        .       -
        .       Parent=Smp_248070.1;Name=079b3063-
cb29-47a4-80e4-39cdcaa00abf
SM_V9_4 iris    exon    23492818        23492883        .       -
        .       Parent=Smp_248070.1;Name=2b377e15-9a7f-4e1f-81af-
bcc37879a8ad
SM_V9_4 iris    exon    23494240        23494818        .       -
        .       Parent=Smp_248070.1;Name=e26f25fb-
ec1b-4da6-9c35-7c2de16e574a
SM_V9_4 iris    exon    23495419        23495559        .       -
        .
Parent=Smp_248070.1;Name=f306bf92-2425-46f1-909e-570df653d5ea
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SM_V9_4 iris    exon    23495594        23495681        .       -
        .       Parent=Smp_248070.1;Name=7d8a2e81-a940-4d69-
ba9c-38b20e278e08
SM_V9_4 iris    exon    23495714        23495782        .       -
        .       Parent=Smp_248070.1;Name=e4507340-ca1e-482f-
a3c5-67a96951bb68
SM_V9_4 iris    exon    23495819        23496029        .       -
        .       Parent=Smp_248070.1;Name=7158516d-
ca51-43a7-91ce-807d6f1f8c46
SM_V9_4 iris    CDS     23429093        23429285        .       -
        1       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23435360        23435547        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23437229        23437491        .       -
        2       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23439387        23439477        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23441306        23441395        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23443410        23443544        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23444547        23445005        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23445946        23446641        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23447915        23448067        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23449022        23449267        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23450289        23450611        .       -
        2       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23452708        23452831        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23454163        23454477        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23456019        23456367        .       -
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SM_V9_4 iris    CDS     23457617        23458047        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23459476        23459597        .       -
        2       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23461357        23461528        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23463397        23463504        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23466126        23466223        .       -
        2       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23466593        23466924        .       -
        1       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23469599        23469774        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23472627        23472749        .       -
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SM_V9_4 iris    CDS     23473368        23473515        .       -
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SM_V9_4 iris    CDS     23477977        23478100        .       -
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SM_V9_4 iris    CDS     23486346        23486905        .       -
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SM_V9_4 iris    CDS     23488727        23489064        .       -
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SM_V9_4 iris    CDS     23489768        23489936        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23492818        23492883        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23494240        23494818        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23495419        23495559        .       -
        0       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23495594        23495681        .       -
        1       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23495714        23495782        .       -
        1       Parent=Smp_248070.1
SM_V9_4 iris    CDS     23495819        23495913        .       -
        0       Parent=Smp_248070.1
SM_V9_4 Liftoff gene    23519990        23571464        .       -
        .
ID=Smp_211020;geneID=Smp_211020;previous_systematic_id=Smp_135520
SM_V9_4 Liftoff mRNA    23519990        23571464        .       -
        .
ID=Smp_211020.1;Parent=Smp_211020;geneID=Smp_211020;product=cell
adhesion molecule;evidence=Inferred by
Curator;polypeptide_domain=InterPro:IPR000421,IPR008979 Pfam:PF00754
SM_V9_4 Liftoff exon    23519990        23520914        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23522818        23523438        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23525152        23525344        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23529430        23529498        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23536861        23537033        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23549822        23549962        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23551533        23551671        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23556796        23556918        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23567448        23567665        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff exon    23570779        23571464        .       -
        .       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23520604        23520914        .       -
        2       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23522818        23523438        .       -
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        2       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23525152        23525344        .       -
        0       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23529430        23529498        .       -
        0       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23536861        23537033        .       -
        2       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23549822        23549962        .       -
        2       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23551533        23551671        .       -
        0       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23556796        23556918        .       -
        0       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23567448        23567665        .       -
        2       Parent=Smp_211020.1
SM_V9_4 Liftoff CDS     23570779        23570902        .       -
        0       Parent=Smp_211020.1
SM_V9_4 Liftoff mRNA    23519990        23571464        .       -
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SM_V9_4 Liftoff exon    23549822        23549962        .       -
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SM_V9_4 Liftoff exon    23551533        23551671        .       -
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protein;date_creation=2022-07-24
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aa12-1089e6c1c354
SM_V9_4 iris    exon    23601686        23602160        .       -
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SM_V9_4 Liftoff exon    23619602        23619738        .       -
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SM_V9_4 Liftoff exon    23634827        23634953        .       -
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SM_V9_4 Liftoff exon    23656970        23657080        .       -
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SM_V9_4 Liftoff exon    23659365        23659469        .       -
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SM_V9_4 iris    exon    23686496        23686970        .       -
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        .       Parent=Smp_135540.1;Name=7ff9e850-e6b6-40cf-
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SM_V9_4 iris    exon    23690565        23690645        .       -
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SM_V9_4 iris    exon    23694995        23695199        .       -
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SM_V9_4 iris    CDS     23686496        23686970        .       -
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SM_V9_4 iris    CDS     23688375        23688800        .       -
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SM_V9_4 iris    CDS     23690565        23690624        .       -
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SM_V9_4 iris    exon    23701097        23701247        .       -
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SM_V9_4 iris    exon    23703805        23703948        .       -
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SM_V9_4 iris    exon    23709864        23710006        .       -
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SM_V9_4 iris    exon    23711920        23712180        .       -
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        .       Parent=Smp_135550.1;Name=6ed49705-2477-493d-
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        .       Parent=Smp_135550.1;Name=b54c3547-3196-4848-8039-
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SM_V9_4 iris    CDS     23705710        23705858        .       -
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SM_V9_4 iris    CDS     23707370        23707510        .       -
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SM_V9_4 iris    CDS     23709864        23710006        .       -
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SM_V9_4 iris    CDS     23711920        23712180        .       -
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SM_V9_4 Liftoff exon    23730194        23730481        .       +
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SM_V9_4 Liftoff CDS     23729682        23729978        .       +
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SM_V9_4 Liftoff CDS     23730194        23730481        .       +
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SM_V9_4 Liftoff CDS     23736113        23736436        .       +
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SM_V9_4 Liftoff CDS     23737350        23737763        .       +
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SM_V9_4 Liftoff CDS     23741824        23741931        .       +
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SM_V9_4 Liftoff CDS     23743250        23744735        .       +
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SM_V9_4 Liftoff CDS     23746401        23746576        .       +
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SM_V9_4 Liftoff CDS     23747842        23748063        .       +
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        0       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23757684        23757801        .       +
        1       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23760145        23760219        .       +
        0       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23760257        23760383        .       +
        0       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23760428        23760569        .       +
        2       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23760636        23760692        .       +
        1       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23760732        23760830        .       +
        1       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23761841        23762203        .       +
        1       Parent=Smp_135570.1
SM_V9_4 Liftoff CDS     23763405        23763408        .       +
        1       Parent=Smp_135570.1
SM_V9_4 Liftoff mRNA    23754897        23770463        .       +
        .
ID=Smp_135570.2;Parent=Smp_135570;geneID=Smp_135570;product=Actin-
related protein 6;polypeptide_domain=InterPro:IPR004000 Pfam:PF00022
SM_V9_4 Liftoff exon    23754897        23757639        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23757684        23757801        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23760145        23760219        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23760257        23760383        .       +
        .       Parent=Smp_135570.2
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SM_V9_4 Liftoff exon    23760428        23760569        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23760636        23760692        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23760732        23760830        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23761841        23762203        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23768758        23768820        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff exon    23770289        23770463        .       +
        .       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23757563        23757639        .       +
        0       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23757684        23757801        .       +
        1       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23760145        23760219        .       +
        0       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23760257        23760383        .       +
        0       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23760428        23760569        .       +
        2       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23760636        23760692        .       +
        1       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23760732        23760830        .       +
        1       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23761841        23762203        .       +
        1       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23768758        23768820        .       +
        1       Parent=Smp_135570.2
SM_V9_4 Liftoff CDS     23770289        23770424        .       +
        1       Parent=Smp_135570.2
SM_V9_4 Liftoff gene    23770529        23842749        .       -
        .
ID=Smp_334210;geneID=Smp_334210;previous_systematic_id=Smp_135580,Sm
p_135590,Smp_135600
SM_V9_4 Liftoff mRNA    23770529        23842749        .       -
        .
ID=Smp_334210.1;Parent=Smp_334210;geneID=Smp_334210;product=Zinc
finger protein 714;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    23770529        23773091        .       -
        .       Parent=Smp_334210.1
SM_V9_4 Liftoff exon    23791779        23792139        .       -
        .       Parent=Smp_334210.1
SM_V9_4 Liftoff exon    23820131        23820306        .       -
        .       Parent=Smp_334210.1
SM_V9_4 Liftoff exon    23835572        23838457        .       -
        .       Parent=Smp_334210.1
SM_V9_4 Liftoff exon    23841298        23842749        .       -
        .       Parent=Smp_334210.1
SM_V9_4 Liftoff CDS     23772346        23773091        .       -
        2       Parent=Smp_334210.1
SM_V9_4 Liftoff CDS     23791779        23792139        .       -
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        0       Parent=Smp_334210.1
SM_V9_4 Liftoff CDS     23820131        23820306        .       -
        2       Parent=Smp_334210.1
SM_V9_4 Liftoff CDS     23835572        23838457        .       -
        2       Parent=Smp_334210.1
SM_V9_4 Liftoff CDS     23841298        23842564        .       -
        0       Parent=Smp_334210.1
SM_V9_4 iris    gene    23858696        24004454        .       +
        .
ID=Smp_342970;geneID=Smp_342970;gene_name=Smp_342970;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    23858696        24004454        .       +
        .
ID=Smp_342970.1;Parent=Smp_342970;geneID=Smp_342970;gene_name=Smp_34
2970;owner=irisadmin@local.host;orig_id=Smp_342970.1;date_last_modif
ied=2022-07-24;Name=Smp_342970.1;product=Fat-like cadherin-related
tumor suppressor homolog;date_creation=2022-07-24
SM_V9_4 iris    exon    23858696        23861903        .       +
        .       Parent=Smp_342970.1;Name=0c48e335-d7cf-4dc9-
bbeb-20cb773b3528
SM_V9_4 iris    exon    23863950        23864784        .       +
        .       Parent=Smp_342970.1;Name=8a2d4ca0-4006-455a-aeb2-
c72e9f2a7c0f
SM_V9_4 iris    exon    23866613        23866806        .       +
        .       Parent=Smp_342970.1;Name=94bf10e6-
f17f-4d21-847a-3fcb09db0830
SM_V9_4 iris    exon    23867577        23867763        .       +
        .       Parent=Smp_342970.1;Name=f87b2c62-50f2-4503-a780-
b83975c54df5
SM_V9_4 iris    exon    23867907        23867986        .       +
        .
Parent=Smp_342970.1;Name=ad3b0d6d-74ee-4b29-8771-646f36dd8886
SM_V9_4 iris    exon    23868657        23868834        .       +
        .       Parent=Smp_342970.1;Name=48726162-a372-4126-
b351-782f9b275d98
SM_V9_4 iris    exon    23873817        23874013        .       +
        .       Parent=Smp_342970.1;Name=b7e86cb0-3dd1-4917-a537-
d156245eb07f
SM_V9_4 iris    exon    23875068        23875329        .       +
        .
Parent=Smp_342970.1;Name=27717ed6-705b-4ca7-89df-0d073dd898b8
SM_V9_4 iris    exon    23877969        23878123        .       +
        .
Parent=Smp_342970.1;Name=45861f8f-2521-4652-9d04-9b999701406e
SM_V9_4 iris    exon    23880367        23880679        .       +
        .       Parent=Smp_342970.1;Name=55ff01e4-012e-4010-
a3e8-08bba587b4eb
SM_V9_4 iris    exon    23885554        23885898        .       +
        .       Parent=Smp_342970.1;Name=8c4430b3-b62d-4c40-a0fb-
ccbc9e23bde3
SM_V9_4 iris    exon    23886830        23887419        .       +
        .       Parent=Smp_342970.1;Name=b30ede2a-ca2e-4d82-
aeff-296e0f80fcd7
SM_V9_4 iris    exon    23896415        23896951        .       +
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        .       Parent=Smp_342970.1;Name=0a4209b1-a11a-41f9-a5a3-
f9f2295ad608
SM_V9_4 iris    exon    23898446        23898816        .       +
        .
Parent=Smp_342970.1;Name=ca3978c6-51e1-4108-845c-6b56338305e4
SM_V9_4 iris    exon    23906072        23906408        .       +
        .       Parent=Smp_342970.1;Name=e3e213ff-e824-4e96-
a6d6-7d395eed7e17
SM_V9_4 iris    exon    23909571        23910051        .       +
        .
Parent=Smp_342970.1;Name=80700415-233e-4c8e-9694-14f6a3a2cc61
SM_V9_4 iris    exon    23923216        23923337        .       +
        .
Parent=Smp_342970.1;Name=9f4cea19-8105-43ec-8167-486048d1138e
SM_V9_4 iris    exon    23923765        23923893        .       +
        .       Parent=Smp_342970.1;Name=2461092c-de79-4102-b777-
c0bf411ede4f
SM_V9_4 iris    exon    23927227        23927418        .       +
        .       Parent=Smp_342970.1;Name=35c35f94-
c3c4-41c4-8db7-54915dc9c04c
SM_V9_4 iris    exon    23928796        23929218        .       +
        .       Parent=Smp_342970.1;Name=095e12b8-ca04-4c0a-90f1-
c0534f535b08
SM_V9_4 iris    exon    23931302        23931554        .       +
        .       Parent=Smp_342970.1;Name=bf9417da-
ae86-46f4-8d2e-49f24db31493
SM_V9_4 iris    exon    23933668        23933831        .       +
        .       Parent=Smp_342970.1;Name=d1c82b11-41db-4f38-8da6-
ba573c699c77
SM_V9_4 iris    exon    23937510        23937896        .       +
        .       Parent=Smp_342970.1;Name=9be67f2f-b318-4c96-b889-
c88ab08a597c
SM_V9_4 iris    exon    23939542        23939849        .       +
        .
Parent=Smp_342970.1;Name=4d7a9bdd-1fe5-406e-8476-93fa552e6b4d
SM_V9_4 iris    exon    23942751        23943084        .       +
        .       Parent=Smp_342970.1;Name=cfaa0509-fecc-4028-96bc-
e49a35f0e989
SM_V9_4 iris    exon    23944383        23944886        .       +
        .       Parent=Smp_342970.1;Name=e6bfa238-ac03-4347-
bf1c-83730547c264
SM_V9_4 iris    exon    23945434        23945821        .       +
        .       Parent=Smp_342970.1;Name=53516261-
ab58-43d0-9322-4e8b04aa151c
SM_V9_4 iris    exon    23950087        23950497        .       +
        .       Parent=Smp_342970.1;Name=ef9b7313-f6db-448c-
a603-31013c517b52
SM_V9_4 iris    exon    23975456        23975745        .       +
        .       Parent=Smp_342970.1;Name=b4fed3d6-9997-4034-b1f3-
cf13ef812d39
SM_V9_4 iris    exon    23976323        23976676        .       +
        .
Parent=Smp_342970.1;Name=04890895-543c-4f4e-9ec2-9ce97283e42d
SM_V9_4 iris    exon    23977121        23977162        .       +
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        .       Parent=Smp_342970.1;Name=6317318d-cb57-43b6-98b7-
df4a3daac10d
SM_V9_4 iris    exon    23980231        23980587        .       +
        .       Parent=Smp_342970.1;Name=851f12ac-6d96-4011-
b1b1-1fe53f930319
SM_V9_4 iris    exon    23981370        23981903        .       +
        .
Parent=Smp_342970.1;Name=b72693e6-9f8e-4be9-9a61-9baa94ceb8c6
SM_V9_4 iris    exon    23986858        23987349        .       +
        .       Parent=Smp_342970.1;Name=e25241e0-
b219-4534-94ef-768c847e4f17
SM_V9_4 iris    exon    23989251        23989587        .       +
        .
Parent=Smp_342970.1;Name=3e4671f9-6286-4121-85ef-17e1979ef8ba
SM_V9_4 iris    exon    23991883        23992233        .       +
        .       Parent=Smp_342970.1;Name=2fddc216-7656-4fcf-a687-
eccfa02dff16
SM_V9_4 iris    exon    23992786        23993055        .       +
        .       Parent=Smp_342970.1;Name=4e616849-4257-4782-
a974-91c6e5f6db6f
SM_V9_4 iris    exon    23994324        23994657        .       +
        .       Parent=Smp_342970.1;Name=9b862453-399f-408c-
af05-0739d33355c4
SM_V9_4 iris    exon    23995629        23996247        .       +
        .
Parent=Smp_342970.1;Name=f091b747-66d0-4748-9d33-4f61719e7d0c
SM_V9_4 iris    exon    23997871        23999320        .       +
        .       Parent=Smp_342970.1;Name=0374d77d-
cda9-4270-8868-9bc9dedfda9f
SM_V9_4 iris    exon    23999425        24000069        .       +
        .       Parent=Smp_342970.1;Name=9d81ff20-b6ff-4c35-
aa49-50b9fe74d121
SM_V9_4 iris    exon    24000241        24000572        .       +
        .       Parent=Smp_342970.1;Name=a56f69cb-5245-41cb-
a845-182d0131e27f
SM_V9_4 iris    exon    24002842        24004454        .       +
        .       Parent=Smp_342970.1;Name=2f27e243-d776-4b3f-
a093-652f6564e65d
SM_V9_4 iris    CDS     23858916        23861903        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23863950        23864784        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23866613        23866806        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23867577        23867763        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23867907        23867986        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23868657        23868834        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23873817        23874013        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23875068        23875329        .       +
        0       Parent=Smp_342970.1
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SM_V9_4 iris    CDS     23877969        23878123        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23880367        23880679        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23885554        23885898        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23886830        23887419        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23896415        23896951        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23898446        23898816        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23906072        23906408        .       +
        1       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23909571        23910051        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23923216        23923337        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23923765        23923893        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23927227        23927418        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23928796        23929218        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23931302        23931554        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23933668        23933831        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23937510        23937896        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23939542        23939849        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23942751        23943084        .       +
        1       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23944383        23944886        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23945434        23945821        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23950087        23950497        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23975456        23975745        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23976323        23976676        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23977121        23977162        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23980231        23980587        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23981370        23981903        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23986858        23987349        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23989251        23989587        .       +
        0       Parent=Smp_342970.1
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SM_V9_4 iris    CDS     23991883        23992233        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23992786        23993055        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23994324        23994657        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23995629        23996247        .       +
        1       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23997871        23999320        .       +
        0       Parent=Smp_342970.1
SM_V9_4 iris    CDS     23999425        24000069        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     24000241        24000572        .       +
        2       Parent=Smp_342970.1
SM_V9_4 iris    CDS     24002842        24003009        .       +
        0       Parent=Smp_342970.1
SM_V9_4 Liftoff gene    24019856        24035814        .       +
        .
ID=Smp_213190;geneID=Smp_213190;previous_systematic_id=Smp_024780
SM_V9_4 Liftoff mRNA    24019856        24035814        .       +
        .
ID=Smp_213190.1;Parent=Smp_213190;geneID=Smp_213190;product=Negative
elongation factor A
SM_V9_4 Liftoff exon    24019856        24020283        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff exon    24024268        24024717        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff exon    24024754        24025027        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff exon    24026699        24027260        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff exon    24028823        24029369        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff exon    24030445        24030828        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff exon    24031349        24031877        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff exon    24034703        24035814        .       +
        .       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24020095        24020283        .       +
        0       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24024268        24024717        .       +
        0       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24024754        24025027        .       +
        0       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24026699        24027260        .       +
        2       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24028823        24029369        .       +
        1       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24030445        24030828        .       +
        0       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24031349        24031877        .       +
        0       Parent=Smp_213190.1
SM_V9_4 Liftoff CDS     24034703        24034917        .       +
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        2       Parent=Smp_213190.1
SM_V9_4 Liftoff mRNA    24019856        24035814        .       +
        .
ID=Smp_213190.2;Parent=Smp_213190;geneID=Smp_213190;product=Negative
elongation factor A
SM_V9_4 Liftoff exon    24019856        24025027        .       +
        .       Parent=Smp_213190.2
SM_V9_4 Liftoff exon    24026699        24027260        .       +
        .       Parent=Smp_213190.2
SM_V9_4 Liftoff exon    24028826        24029369        .       +
        .       Parent=Smp_213190.2
SM_V9_4 Liftoff exon    24030445        24030828        .       +
        .       Parent=Smp_213190.2
SM_V9_4 Liftoff exon    24031349        24031877        .       +
        .       Parent=Smp_213190.2
SM_V9_4 Liftoff exon    24034703        24035814        .       +
        .       Parent=Smp_213190.2
SM_V9_4 Liftoff CDS     24024937        24025027        .       +
        0       Parent=Smp_213190.2
SM_V9_4 Liftoff CDS     24026699        24027260        .       +
        2       Parent=Smp_213190.2
SM_V9_4 Liftoff CDS     24028826        24029369        .       +
        1       Parent=Smp_213190.2
SM_V9_4 Liftoff CDS     24030445        24030828        .       +
        0       Parent=Smp_213190.2
SM_V9_4 Liftoff CDS     24031349        24031877        .       +
        0       Parent=Smp_213190.2
SM_V9_4 Liftoff CDS     24034703        24034917        .       +
        2       Parent=Smp_213190.2
SM_V9_4 iris    gene    24037299        24049462        .       +
        .
ID=Smp_213200;geneID=Smp_213200;gene_name=Smp_213200;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    24037299        24049462        .       +
        .
ID=Smp_213200.1;Parent=Smp_213200;geneID=Smp_213200;gene_name=Smp_21
3200;owner=irisadmin@local.host;orig_id=Smp_213200.1;date_last_modif
ied=2022-08-19;Name=Smp_213200.1;product=Uncharacterized protein
y4mH;date_creation=2022-08-19
SM_V9_4 iris    exon    24037299        24037739        .       +
        .       Parent=Smp_213200.1;Name=43ce583c-
eb92-4d2f-916c-925c32330632
SM_V9_4 iris    exon    24038176        24038376        .       +
        .       Parent=Smp_213200.1;Name=ec9b2e33-
cb4c-4b1f-896e-43cccd43b261
SM_V9_4 iris    exon    24043094        24043259        .       +
        .       Parent=Smp_213200.1;Name=8c3425da-78e8-4fd6-
ae31-1fae38c93900
SM_V9_4 iris    exon    24046613        24049462        .       +
        .       Parent=Smp_213200.1;Name=36d8d539-d92e-420f-
b636-82192c45af33
SM_V9_4 iris    CDS     24037653        24037739        .       +
        0       Parent=Smp_213200.1
SM_V9_4 iris    CDS     24038176        24038376        .       +
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        0       Parent=Smp_213200.1
SM_V9_4 iris    CDS     24043094        24043259        .       +
        0       Parent=Smp_213200.1
SM_V9_4 iris    CDS     24046613        24047133        .       +
        2       Parent=Smp_213200.1
SM_V9_4 Liftoff gene    24089436        24143393        .       +
        .
ID=Smp_334220;geneID=Smp_334220;previous_systematic_id=Smp_135630,Sm
p_135640,Smp_135650
SM_V9_4 Liftoff mRNA    24089436        24143393        .       +
        .
ID=Smp_334220.1;Parent=Smp_334220;geneID=Smp_334220;product=Protocad
herin-3;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_4 Liftoff exon    24089436        24093623        .       +
        .       Parent=Smp_334220.1
SM_V9_4 Liftoff exon    24127400        24127596        .       +
        .       Parent=Smp_334220.1
SM_V9_4 Liftoff exon    24140902        24140980        .       +
        .       Parent=Smp_334220.1
SM_V9_4 Liftoff exon    24142524        24143393        .       +
        .       Parent=Smp_334220.1
SM_V9_4 Liftoff CDS     24089660        24093623        .       +
        0       Parent=Smp_334220.1
SM_V9_4 Liftoff CDS     24127400        24127596        .       +
        2       Parent=Smp_334220.1
SM_V9_4 Liftoff CDS     24140902        24140980        .       +
        0       Parent=Smp_334220.1
SM_V9_4 Liftoff CDS     24142524        24143200        .       +
        2       Parent=Smp_334220.1
SM_V9_4 iris    gene    24170046        24173578        .       +
        .
ID=Smp_024800;geneID=Smp_024800;gene_name=Smp_024800;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    24170046        24173578        .       +
        .
ID=Smp_024800.1;Parent=Smp_024800;geneID=Smp_024800;gene_name=Smp_02
4800;owner=irisadmin@local.host;orig_id=Smp_024800.1;date_last_modif
ied=2022-07-24;Name=Smp_024800.1;product=eRF1 methyltransferase
catalytic subunit mtq2;date_creation=2022-07-24
SM_V9_4 iris    exon    24170046        24170112        .       +
        .       Parent=Smp_024800.1;Name=dc123066-175c-4d6a-
aaa6-5325ed7b2035
SM_V9_4 iris    exon    24172085        24172362        .       +
        .       Parent=Smp_024800.1;Name=4f23aad2-bf43-4452-
ab7a-249405235e0d
SM_V9_4 iris    exon    24172399        24172623        .       +
        .       Parent=Smp_024800.1;Name=21fa591c-4776-4e1c-
bb9e-4f3ca7c1b905
SM_V9_4 iris    exon    24173341        24173578        .       +
        .       Parent=Smp_024800.1;Name=4b033083-4dd7-4b2c-a65e-
a67aeed43680
SM_V9_4 iris    CDS     24172129        24172362        .       +
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        0       Parent=Smp_024800.1
SM_V9_4 iris    CDS     24172399        24172623        .       +
        0       Parent=Smp_024800.1
SM_V9_4 iris    CDS     24173341        24173541        .       +
        0       Parent=Smp_024800.1
SM_V9_4 iris    gene    24179525        24182887        .       -
        .
ID=Smp_340480;geneID=Smp_340480;gene_name=Smp_340480;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    24179525        24182887        .       -
        .
ID=Smp_340480.1;Parent=Smp_340480;geneID=Smp_340480;gene_name=Smp_34
0480;owner=irisadmin@local.host;orig_id=Smp_340480.1;date_last_modif
ied=2022-07-24;Name=Smp_340480.1;product=Regulator of microtubule
dynamics protein 1;date_creation=2022-07-24
SM_V9_4 iris    exon    24179525        24180051        .       -
        .       Parent=Smp_340480.1;Name=a00e1ddf-e5a7-4063-aee1-
aa7fb642b2ab
SM_V9_4 iris    exon    24181811        24181944        .       -
        .       Parent=Smp_340480.1;Name=9a69e1bf-dfe3-4c77-
aaf5-258b5b2bd08a
SM_V9_4 iris    exon    24182057        24182087        .       -
        .
Parent=Smp_340480.1;Name=c088c039-6890-45e9-9b39-446b4d4bb4c9
SM_V9_4 iris    exon    24182134        24182221        .       -
        .
Parent=Smp_340480.1;Name=d15db875-8d92-4cd9-8fbd-0fe765bb3131
SM_V9_4 iris    exon    24182264        24182319        .       -
        .
Parent=Smp_340480.1;Name=991c659b-63fc-4dda-987d-92db6821e80d
SM_V9_4 iris    exon    24182368        24182457        .       -
        .       Parent=Smp_340480.1;Name=234e6b3b-7868-4854-ad92-
a49649248071
SM_V9_4 iris    exon    24182518        24182633        .       -
        .
Parent=Smp_340480.1;Name=da36a8ac-4c59-4d79-810f-65b798a0d6ea
SM_V9_4 iris    exon    24182706        24182887        .       -
        .       Parent=Smp_340480.1;Name=dbefc119-6ac2-4a5f-
b617-075ad47326ad
SM_V9_4 iris    CDS     24180010        24180051        .       -
        0       Parent=Smp_340480.1
SM_V9_4 iris    CDS     24181811        24181944        .       -
        2       Parent=Smp_340480.1
SM_V9_4 iris    CDS     24182057        24182087        .       -
        0       Parent=Smp_340480.1
SM_V9_4 iris    CDS     24182134        24182221        .       -
        1       Parent=Smp_340480.1
SM_V9_4 iris    CDS     24182264        24182319        .       -
        0       Parent=Smp_340480.1
SM_V9_4 iris    CDS     24182368        24182457        .       -
        0       Parent=Smp_340480.1
SM_V9_4 iris    CDS     24182518        24182574        .       -
        0       Parent=Smp_340480.1
SM_V9_4 iris    gene    24195099        24225923        .       -
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ID=Smp_024820;geneID=Smp_024820;gene_name=Smp_024820;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    24195099        24225923        .       -
        .
ID=Smp_024820.1;Parent=Smp_024820;geneID=Smp_024820;gene_name=Smp_02
4820;owner=irisadmin@local.host;orig_id=Smp_024820.1;date_last_modif
ied=2022-07-24;Name=Smp_024820.1;product=CD9
antigen;date_creation=2022-07-24
SM_V9_4 iris    exon    24195099        24195778        .       -
        .       Parent=Smp_024820.1;Name=fa969324-fdf5-4fd2-
bf13-9eb9f9ad505b
SM_V9_4 iris    exon    24197117        24197200        .       -
        .       Parent=Smp_024820.1;Name=ca244d04-5cad-408e-
a72e-5033198aaa59
SM_V9_4 iris    exon    24203528        24203623        .       -
        .       Parent=Smp_024820.1;Name=68eda517-b549-44df-
a9b2-4f2212b10ede
SM_V9_4 iris    exon    24209937        24210041        .       -
        .       Parent=Smp_024820.1;Name=9ba8759a-1fdb-45f8-
b875-7800e6d95176
SM_V9_4 iris    exon    24212603        24212677        .       -
        .
Parent=Smp_024820.1;Name=2f7247fc-5873-493b-8cf8-46b76a311691
SM_V9_4 iris    exon    24215207        24215304        .       -
        .       Parent=Smp_024820.1;Name=7bb6ef29-abb1-49f4-98ab-
d59b9ce40f37
SM_V9_4 iris    exon    24220009        24220102        .       -
        .       Parent=Smp_024820.1;Name=f7441275-0314-4fa8-9921-
ab3b244a2bed
SM_V9_4 iris    exon    24225364        24225923        .       -
        .       Parent=Smp_024820.1;Name=178fa99d-5b5a-43d6-
a88f-81c71de5ecb7
SM_V9_4 iris    CDS     24195722        24195778        .       -
        0       Parent=Smp_024820.1
SM_V9_4 iris    CDS     24197117        24197200        .       -
        0       Parent=Smp_024820.1
SM_V9_4 iris    CDS     24203528        24203623        .       -
        0       Parent=Smp_024820.1
SM_V9_4 iris    CDS     24209937        24210041        .       -
        0       Parent=Smp_024820.1
SM_V9_4 iris    CDS     24212603        24212677        .       -
        0       Parent=Smp_024820.1
SM_V9_4 iris    CDS     24215207        24215304        .       -
        2       Parent=Smp_024820.1
SM_V9_4 iris    CDS     24220009        24220102        .       -
        0       Parent=Smp_024820.1
SM_V9_4 iris    CDS     24225364        24225438        .       -
        0       Parent=Smp_024820.1
SM_V9_4 Liftoff gene    24239074        24242882        .       -
        .
ID=Smp_342980;geneID=Smp_342980;previous_systematic_id=Smp_135660
SM_V9_4 Liftoff mRNA    24239074        24242882        .       -
        .
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ID=Smp_342980.1;Parent=Smp_342980;geneID=Smp_342980;product=Golgi pH
regulator
A;literature=PMID:22145649;polypeptide_domain=InterPro:IPR022535,IPR
025969 Pfam:PF12430,PF12537;Ontology_term=GO:0016020
SM_V9_4 Liftoff exon    24239074        24239789        .       -
        .       Parent=Smp_342980.1
SM_V9_4 Liftoff exon    24240679        24240780        .       -
        .       Parent=Smp_342980.1
SM_V9_4 Liftoff exon    24242200        24242882        .       -
        .       Parent=Smp_342980.1
SM_V9_4 Liftoff CDS     24239166        24239789        .       -
        0       Parent=Smp_342980.1
SM_V9_4 Liftoff CDS     24240679        24240780        .       -
        0       Parent=Smp_342980.1
SM_V9_4 Liftoff CDS     24242200        24242379        .       -
        0       Parent=Smp_342980.1
SM_V9_4 Liftoff mRNA    24239074        24242882        .       -
        .
ID=Smp_342980.2;Parent=Smp_342980;geneID=Smp_342980;product=Golgi pH
regulator;literature=PMID:22145649;polypeptide_domain=InterPro:IPR02
2535,IPR025969 Pfam:PF12430,PF12537;Ontology_term=GO:0016020
SM_V9_4 Liftoff exon    24239074        24239789        .       -
        .       Parent=Smp_342980.2
SM_V9_4 Liftoff exon    24240436        24240477        .       -
        .       Parent=Smp_342980.2
SM_V9_4 Liftoff exon    24240679        24240780        .       -
        .       Parent=Smp_342980.2
SM_V9_4 Liftoff exon    24242200        24242882        .       -
        .       Parent=Smp_342980.2
SM_V9_4 Liftoff CDS     24239166        24239789        .       -
        0       Parent=Smp_342980.2
SM_V9_4 Liftoff CDS     24240436        24240477        .       -
        0       Parent=Smp_342980.2
SM_V9_4 Liftoff CDS     24240679        24240780        .       -
        0       Parent=Smp_342980.2
SM_V9_4 Liftoff CDS     24242200        24242379        .       -
        0       Parent=Smp_342980.2
SM_V9_4 Liftoff gene    24242976        24279224        .       +
        .
ID=Smp_343790;geneID=Smp_343790;previous_systematic_id=Smp_145170
SM_V9_4 Liftoff mRNA    24242976        24279224        .       +
        .
ID=Smp_343790.1;Parent=Smp_343790;geneID=Smp_343790;product=TBC1
domain family member 10A;polypeptide_domain=InterPro:IPR000195
Pfam:PF00566
SM_V9_4 Liftoff exon    24242976        24243150        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24252101        24252496        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24257383        24257412        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24259954        24260754        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24263807        24263987        .       +
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        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24264633        24264707        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24265998        24266112        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24272295        24272449        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff exon    24277941        24279224        .       +
        .       Parent=Smp_343790.1
SM_V9_4 Liftoff CDS     24243035        24243150        .       +
        0       Parent=Smp_343790.1
SM_V9_4 Liftoff CDS     24252101        24252496        .       +
        1       Parent=Smp_343790.1
SM_V9_4 Liftoff CDS     24257383        24257412        .       +
        1       Parent=Smp_343790.1
SM_V9_4 Liftoff CDS     24259954        24260754        .       +
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SM_V9_4 Liftoff CDS     24263807        24263987        .       +
        1       Parent=Smp_343790.1
SM_V9_4 Liftoff CDS     24264633        24264707        .       +
        0       Parent=Smp_343790.1
SM_V9_4 Liftoff CDS     24265998        24266112        .       +
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SM_V9_4 Liftoff CDS     24277941        24278033        .       +
        0       Parent=Smp_343790.1
SM_V9_4 Liftoff gene    24280666        24299202        .       -
        .       ID=Smp_145180;geneID=Smp_145180
SM_V9_4 Liftoff mRNA    24280666        24299202        .       -
        .
ID=Smp_145180.1;Parent=Smp_145180;geneID=Smp_145180;product=Rab5
GDP/GTP exchange
factor;polypeptide_domain=InterPro:IPR002653,IPR003123
Pfam:PF01754,PF02204;Ontology_term=GO:0003677,GO:0008270
SM_V9_4 Liftoff exon    24280666        24281133        .       -
        .       Parent=Smp_145180.1
SM_V9_4 Liftoff exon    24288378        24288556        .       -
        .       Parent=Smp_145180.1
SM_V9_4 Liftoff exon    24290730        24291214        .       -
        .       Parent=Smp_145180.1
SM_V9_4 Liftoff exon    24293981        24294209        .       -
        .       Parent=Smp_145180.1
SM_V9_4 Liftoff exon    24295679        24295801        .       -
        .       Parent=Smp_145180.1
SM_V9_4 Liftoff exon    24295839        24295954        .       -
        .       Parent=Smp_145180.1
SM_V9_4 Liftoff exon    24295987        24299202        .       -
        .       Parent=Smp_145180.1
SM_V9_4 Liftoff CDS     24280830        24281133        .       -
        1       Parent=Smp_145180.1
SM_V9_4 Liftoff CDS     24288378        24288556        .       -
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SM_V9_4 Liftoff CDS     24290730        24291214        .       -
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        2       Parent=Smp_145180.1
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SM_V9_4 Liftoff CDS     24295679        24295801        .       -
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SM_V9_4 Liftoff CDS     24295839        24295954        .       -
        2       Parent=Smp_145180.1
SM_V9_4 Liftoff CDS     24295987        24296245        .       -
        0       Parent=Smp_145180.1
SM_V9_4 Liftoff gene    24316050        24345414        .       +
        .       ID=Smp_145190;geneID=Smp_145190
SM_V9_4 Liftoff mRNA    24316050        24345414        .       +
        .
ID=Smp_145190.1;Parent=Smp_145190;geneID=Smp_145190;product=Serine/
threonine-protein kinase
ULK3;polypeptide_domain=InterPro:IPR000719,IPR007330,IPR008271,IPR01
1009 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_4 Liftoff exon    24316050        24317400        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24317442        24317579        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24317614        24317734        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24317780        24317884        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24321787        24321930        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24327840        24327925        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24330118        24330273        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24331543        24331648        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24333577        24333617        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24334292        24334445        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24335545        24335868        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24337958        24338290        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24339306        24339355        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24340705        24340780        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24342615        24342655        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24343175        24343310        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff exon    24345062        24345414        .       +
        .       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24317386        24317400        .       +
        0       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24317442        24317579        .       +
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SM_V9_4 Liftoff CDS     24317614        24317734        .       +
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SM_V9_4 Liftoff CDS     24321787        24321930        .       +
        2       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24327840        24327925        .       +
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SM_V9_4 Liftoff CDS     24330118        24330273        .       +
        0       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24331543        24331648        .       +
        0       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24333577        24333617        .       +
        2       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24334292        24334445        .       +
        0       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24335545        24335868        .       +
        2       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24337958        24338290        .       +
        2       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24339306        24339355        .       +
        2       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24340705        24340780        .       +
        0       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24342615        24342655        .       +
        2       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24343175        24343310        .       +
        0       Parent=Smp_145190.1
SM_V9_4 Liftoff CDS     24345062        24345081        .       +
        2       Parent=Smp_145190.1
SM_V9_4 Liftoff mRNA    24316050        24345414        .       +
        .
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threonine-protein kinase
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        .       Parent=Smp_145190.2
SM_V9_4 Liftoff exon    24331543        24331648        .       +
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SM_V9_4 Liftoff exon    24333577        24333617        .       +
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SM_V9_4 Liftoff exon    24375991        24376111        .       +
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SM_V9_4 Liftoff exon    24377704        24377806        .       +
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56,GO:0016020
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SM_V9_4 Liftoff CDS     24396790        24397243        .       -
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and flagella-associated protein
251;polypeptide_domain=InterPro:IPR001680,IPR011047,IPR015943,IPR017
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SM_V9_4 Liftoff exon    24505970        24506250        .       +
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SM_V9_4 Liftoff exon    24506297        24506374        .       +
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SM_V9_4 Liftoff exon    24507159        24507333        .       +
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SM_V9_4 Liftoff exon    24528161        24528322        .       +
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SM_V9_4 Liftoff exon    24531242        24532137        .       +
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SM_V9_4 Liftoff CDS     24506487        24506707        .       +
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        .       Parent=Smp_244220.1
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SM_V9_4 Liftoff exon    24554790        24555124        .       +
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        .       Parent=Smp_042550.1
SM_V9_4 Liftoff exon    24584747        24584952        .       -
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SM_V9_4 Liftoff exon    24586976        24587069        .       -
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SM_V9_4 Liftoff CDS     24594490        24594568        .       -
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SM_V9_4 Liftoff CDS     24594886        24595014        .       -
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        0       Parent=Smp_042550.2
SM_V9_4 Liftoff CDS     24583521        24583670        .       -
        0       Parent=Smp_042550.2
SM_V9_4 Liftoff CDS     24584747        24584952        .       -
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SM_V9_4 Liftoff CDS     24594602        24594728        .       -
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        .
ID=Smp_042560;geneID=Smp_042560;gene_name=Smp_042560;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    24613700        24615029        .       +
```

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        .
ID=Smp_042560.1;Parent=Smp_042560;geneID=Smp_042560;gene_name=Smp_04
2560;owner=irisadmin@local.host;orig_id=Smp_042560.1;date_last_modif
ied=2022-07-24;Name=Smp_042560.1;product=Mitochondrial import
receptor subunit TOM40 homolog 1;date_creation=2022-07-24
SM_V9_4 iris    exon    24613700        24613723        .       +
        .       Parent=Smp_042560.1;Name=7a29f13b-fd91-419a-8e0c-
d1f612e24e30
SM_V9_4 iris    exon    24613817        24615029        .       +
        .
Parent=Smp_042560.1;Name=5602fc43-3e88-4fff-8d3e-1fa1fdf8f307
SM_V9_4 iris    CDS     24613821        24614777        .       +
        0       Parent=Smp_042560.1
SM_V9_4 iris    gene    24675992        24706707        .       -
        .
ID=Smp_145230;geneID=Smp_145230;gene_name=Smp_145230;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    24675992        24706707        .       -
        .
ID=Smp_145230.1;Parent=Smp_145230;geneID=Smp_145230;gene_name=Smp_14
5230;owner=irisadmin@local.host;orig_id=Smp_145230.1;date_last_modif
ied=2022-07-24;Name=Smp_145230.1;product=T-box transcription factor
TBX3 (Fragment);date_creation=2022-07-24
SM_V9_4 iris    exon    24675992        24678627        .       -
        .       Parent=Smp_145230.1;Name=2aea023e-fa40-4849-
aedb-4180fef5fc58
SM_V9_4 iris    exon    24684740        24684990        .       -
        .       Parent=Smp_145230.1;Name=57895801-e637-4789-
a8a7-0e7b7620099f
SM_V9_4 iris    exon    24686516        24686592        .       -
        .       Parent=Smp_145230.1;Name=8755beb5-a4aa-41b2-a77f-
ed67e7e953e3
SM_V9_4 iris    exon    24687321        24687467        .       -
        .       Parent=Smp_145230.1;Name=abc45e10-
cac5-48cd-8de8-920328ad00e7
SM_V9_4 iris    exon    24692854        24693121        .       -
        .       Parent=Smp_145230.1;Name=b8f8fd8b-f383-4725-
af94-6cfafe5286fd
SM_V9_4 iris    exon    24704938        24706707        .       -
        .       Parent=Smp_145230.1;Name=0c073890-d1c7-4159-
a035-1bf4ea9dc5e7
SM_V9_4 iris    CDS     24677318        24678627        .       -
        2       Parent=Smp_145230.1
SM_V9_4 iris    CDS     24684740        24684990        .       -
        1       Parent=Smp_145230.1
SM_V9_4 iris    CDS     24686516        24686592        .       -
        0       Parent=Smp_145230.1
SM_V9_4 iris    CDS     24687321        24687467        .       -
        0       Parent=Smp_145230.1
SM_V9_4 iris    CDS     24692854        24693121        .       -
        1       Parent=Smp_145230.1
SM_V9_4 iris    CDS     24704938        24706319        .       -
        0       Parent=Smp_145230.1
SM_V9_4 Liftoff gene    24798576        24802992        .       -
```

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        .       ID=Smp_042590;geneID=Smp_042590
SM_V9_4 Liftoff mRNA    24798576        24802992        .       -
        .
ID=Smp_042590.1;Parent=Smp_042590;geneID=Smp_042590;product=NADH
dehydrogenase [ubiquinone] iron-sulfur protein 8,
mitochondrial;polypeptide_domain=InterPro:IPR010226,IPR017896,IPR017
900
Pfam:PF12838;Ontology_term=GO:0016020,GO:0016651,GO:0051539,GO:00551
14
SM_V9_4 Liftoff exon    24798576        24798883        .       -
        .       Parent=Smp_042590.1
SM_V9_4 Liftoff exon    24802444        24802745        .       -
        .       Parent=Smp_042590.1
SM_V9_4 Liftoff exon    24802784        24802992        .       -
        .       Parent=Smp_042590.1
SM_V9_4 Liftoff CDS     24798752        24798883        .       -
        0       Parent=Smp_042590.1
SM_V9_4 Liftoff CDS     24802444        24802745        .       -
        2       Parent=Smp_042590.1
SM_V9_4 Liftoff CDS     24802784        24802970        .       -
        0       Parent=Smp_042590.1
SM_V9_4 iris    gene    24811864        24847360        .       +
        .
ID=Smp_343810;geneID=Smp_343810;gene_name=Smp_343810;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    24811864        24847360        .       +
        .
ID=Smp_343810.1;Parent=Smp_343810;geneID=Smp_343810;gene_name=Smp_34
3810;owner=irisadmin@local.host;orig_id=Smp_343810.1;date_last_modif
ied=2022-07-24;Name=Smp_343810.1;product=FMRFamide
receptor;date_creation=2022-07-24
SM_V9_4 iris    exon    24811864        24812651        .       +
        .       Parent=Smp_343810.1;Name=2b29eb40-ce50-45df-
ac3f-84df49eb9697
SM_V9_4 iris    exon    24843714        24844298        .       +
        .       Parent=Smp_343810.1;Name=ea19b80b-afd2-4027-bd04-
d7949a5c4811
SM_V9_4 iris    exon    24845599        24847360        .       +
        .       Parent=Smp_343810.1;Name=91360ddb-73c6-4491-
bb03-33e3d975644b
SM_V9_4 iris    CDS     24812220        24812651        .       +
        0       Parent=Smp_343810.1
SM_V9_4 iris    CDS     24843714        24844298        .       +
        0       Parent=Smp_343810.1
SM_V9_4 iris    CDS     24845599        24846636        .       +
        0       Parent=Smp_343810.1
SM_V9_4 Liftoff gene    24923267        24936602        .       -
        .       ID=Smp_145250;geneID=Smp_145250
SM_V9_4 Liftoff mRNA    24923267        24936602        .       -
        .
ID=Smp_145250.1;Parent=Smp_145250;geneID=Smp_145250;product=Cleft
lip and palate transmembrane protein 1-like
protein;polypeptide_domain=InterPro:IPR008429
Pfam:PF05602;Ontology_term=GO:0016021
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SM_V9_4 Liftoff exon    24923267        24923586        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24924648        24924763        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24925541        24925641        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24927337        24927371        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24927608        24927902        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24929289        24929373        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24931315        24931409        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24935505        24935835        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24936105        24936267        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24936302        24936387        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff exon    24936422        24936602        .       -
        .       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24923460        24923586        .       -
        1       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24924648        24924763        .       -
        0       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24925541        24925641        .       -
        2       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24927337        24927371        .       -
        1       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24927608        24927902        .       -
        2       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24929289        24929373        .       -
        0       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24931315        24931409        .       -
        2       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24935505        24935835        .       -
        0       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24936105        24936267        .       -
        1       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24936302        24936387        .       -
        0       Parent=Smp_145250.1
SM_V9_4 Liftoff CDS     24936422        24936571        .       -
        0       Parent=Smp_145250.1
SM_V9_4 iris    gene    24946723        24965076        .       -
        .
ID=Smp_042630;geneID=Smp_042630;gene_name=Smp_042630;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    24946723        24965076        .       -
        .
ID=Smp_042630.1;Parent=Smp_042630;geneID=Smp_042630;gene_name=Smp_04
2630;owner=irisadmin@local.host;orig_id=Smp_042630.2;date_last_modif
ied=2022-07-24;Name=Smp_042630.1;product=Methyltransferase-like
protein 6;date_creation=2022-07-24
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SM_V9_4 iris    exon    24946723        24947123        .       -
        .       Parent=Smp_042630.1;Name=1e6b7e5b-89fc-4774-
a96b-0c560517f2c2
SM_V9_4 iris    exon    24947766        24948033        .       -
        .       Parent=Smp_042630.1;Name=9388a02b-7d4d-4755-
a9fe-5e4a8c9c7a1c
SM_V9_4 iris    exon    24952561        24952744        .       -
        .       Parent=Smp_042630.1;Name=ccaa670d-9416-4aba-84fa-
dcef544e71a0
SM_V9_4 iris    exon    24955277        24955452        .       -
        .
Parent=Smp_042630.1;Name=104e93ea-0387-4d81-87c5-92f957b201d5
SM_V9_4 iris    exon    24959463        24959524        .       -
        .       Parent=Smp_042630.1;Name=abe29610-7fb1-4478-
acbd-2efc39307a11
SM_V9_4 iris    exon    24959562        24959619        .       -
        .       Parent=Smp_042630.1;Name=d1d34979-b728-48a7-
bd02-12e7a47b059b
SM_V9_4 iris    exon    24959663        24959954        .       -
        .       Parent=Smp_042630.1;Name=1830f2af-8758-4ee4-b778-
fcbbbdf7cd95
SM_V9_4 iris    exon    24961595        24961848        .       -
        .       Parent=Smp_042630.1;Name=2e2b64c0-0b8f-45fc-b067-
dddd36f4b209
SM_V9_4 iris    exon    24961881        24961977        .       -
        .
Parent=Smp_042630.1;Name=10aae806-5405-40a8-8d42-5217a98df438
SM_V9_4 iris    exon    24964928        24965076        .       -
        .       Parent=Smp_042630.1;Name=1b612b15-f6b8-4a29-
b1c3-187b18fba71c
SM_V9_4 iris    CDS     24946832        24947123        .       -
        1       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24947766        24948033        .       -
        2       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24952561        24952744        .       -
        0       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24955277        24955452        .       -
        2       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24959463        24959524        .       -
        1       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24959562        24959619        .       -
        2       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24959663        24959954        .       -
        0       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24961595        24961848        .       -
        2       Parent=Smp_042630.1
SM_V9_4 iris    CDS     24961881        24961968        .       -
        0       Parent=Smp_042630.1
SM_V9_4 Liftoff gene    24977116        25017400        .       +
        .
ID=Smp_343820;geneID=Smp_343820;previous_systematic_id=Smp_145280
SM_V9_4 Liftoff mRNA    24977116        25017400        .       +
        .
ID=Smp_343820.1;Parent=Smp_343820;geneID=Smp_343820;product=NACHT
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and WD repeat domain-containing protein
2;polypeptide_domain=InterPro:IPR015943,IPR027417;Ontology_term=GO:0
005515
SM_V9_4 Liftoff exon    24977116        24980258        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24981731        24981847        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24981890        24982093        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24982944        24983088        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24984192        24984315        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24985475        24985629        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24987834        24988049        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24993536        24993951        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24994659        24995126        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    24999545        24999745        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    25001558        25001778        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    25005455        25005611        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    25006739        25006956        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    25007345        25009012        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    25011255        25013347        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    25014780        25014884        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff exon    25017023        25017400        .       +
        .       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24980163        24980258        .       +
        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24981731        24981847        .       +
        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24981890        24982093        .       +
        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24982944        24983088        .       +
        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24984192        24984315        .       +
        2       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24985475        24985629        .       +
        1       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24987834        24988049        .       +
        2       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24993536        24993951        .       +
        2       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24994659        24995126        .       +
```

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        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     24999545        24999745        .       +
        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     25001558        25001778        .       +
        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     25005455        25005611        .       +
        1       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     25006739        25006956        .       +
        0       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     25007345        25009012        .       +
        1       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     25011255        25013347        .       +
        1       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     25014780        25014884        .       +
        2       Parent=Smp_343820.1
SM_V9_4 Liftoff CDS     25017023        25017132        .       +
        2       Parent=Smp_343820.1
SM_V9_4 iris    gene    25032128        25062008        .       +
        .
ID=Smp_042670;geneID=Smp_042670;gene_name=Smp_042670;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25032128        25062008        .       +
        .
ID=Smp_042670.1;Parent=Smp_042670;geneID=Smp_042670;gene_name=Smp_04
2670;owner=irisadmin@local.host;orig_id=Smp_042670.1;date_last_modif
ied=2022-08-19;Name=Smp_042670.1;product=DNA mismatch repair protein
Msh6;date_creation=2022-08-19
SM_V9_4 iris    exon    25032128        25032201        .       +
        .       Parent=Smp_042670.1;Name=f2b1eb74-
e225-4743-96c9-05b6303832d8
SM_V9_4 iris    exon    25032259        25032466        .       +
        .       Parent=Smp_042670.1;Name=2debdfda-
e9cd-45b6-9780-21c660ab4475
SM_V9_4 iris    exon    25032507        25032632        .       +
        .       Parent=Smp_042670.1;Name=105a330e-6304-4513-b4cc-
ac451ddf5cd2
SM_V9_4 iris    exon    25032669        25032920        .       +
        .       Parent=Smp_042670.1;Name=c32b1d6b-7719-494b-a61f-
cb78132b8773
SM_V9_4 iris    exon    25032955        25033173        .       +
        .       Parent=Smp_042670.1;Name=351a07d7-92a5-4818-
a3b6-2be7e47ebf4c
SM_V9_4 iris    exon    25033213        25033545        .       +
        .       Parent=Smp_042670.1;Name=4e2d8143-
a44c-4b72-8344-5bda5f3a0a0d
SM_V9_4 iris    exon    25033580        25033651        .       +
        .       Parent=Smp_042670.1;Name=0252b59b-a786-4d15-
ab44-4a1ec3bed04e
SM_V9_4 iris    exon    25035244        25035502        .       +
        .
Parent=Smp_042670.1;Name=d4e3429a-46ff-49b8-9a6e-33a037fe22e6
SM_V9_4 iris    exon    25036676        25036887        .       +
        .       Parent=Smp_042670.1;Name=48b565e8-
a49a-4c34-8476-91a7e82be5e3
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SM_V9_4 iris    exon    25040653        25040761        .       +
        .       Parent=Smp_042670.1;Name=5a29a36e-cbca-405b-ada2-
c0361f9489ba
SM_V9_4 iris    exon    25042529        25042691        .       +
        .       Parent=Smp_042670.1;Name=64a3e403-38b1-45ec-9de5-
a0fbfc752595
SM_V9_4 iris    exon    25042872        25043039        .       +
        .       Parent=Smp_042670.1;Name=14987e44-216d-4953-9489-
cca6d00df71f
SM_V9_4 iris    exon    25046992        25047076        .       +
        .
Parent=Smp_042670.1;Name=374c6c41-49c6-41aa-994d-60ac54d035bf
SM_V9_4 iris    exon    25048646        25048741        .       +
        .       Parent=Smp_042670.1;Name=8f6fc182-c6af-48e9-9a28-
ca59e3a5b69d
SM_V9_4 iris    exon    25049930        25049989        .       +
        .       Parent=Smp_042670.1;Name=80c7a2ec-bbbe-43e7-
b8ce-11af2760474f
SM_V9_4 iris    exon    25051834        25052060        .       +
        .       Parent=Smp_042670.1;Name=66527c2a-a3db-469c-ab5e-
f5ac4536a887
SM_V9_4 iris    exon    25053566        25053698        .       +
        .       Parent=Smp_042670.1;Name=103e602f-29ac-4252-
a702-8a3295c44695
SM_V9_4 iris    exon    25054609        25054851        .       +
        .       Parent=Smp_042670.1;Name=13def6bb-f299-4975-a377-
e4c0a1a2b422
SM_V9_4 iris    exon    25056605        25056991        .       +
        .       Parent=Smp_042670.1;Name=acd5348e-
dc45-4cb7-9906-1fc3594d8d16
SM_V9_4 iris    exon    25057846        25057980        .       +
        .       Parent=Smp_042670.1;Name=fb413f75-316b-4aa4-
b491-4ad561c154b0
SM_V9_4 iris    exon    25058906        25058973        .       +
        .       Parent=Smp_042670.1;Name=698b45d1-99b6-4931-a94b-
c1f36ab5d57d
SM_V9_4 iris    exon    25060281        25062008        .       +
        .       Parent=Smp_042670.1;Name=3b17ecd7-fc9d-4d9f-aec2-
e58cc10f8c80
SM_V9_4 iris    CDS     25032326        25032466        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25032507        25032632        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25032669        25032920        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25032955        25033173        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25033213        25033545        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25033580        25033651        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25035244        25035502        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25036676        25036887        .       +
```

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        2       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25040653        25040761        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25042529        25042691        .       +
        2       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25042872        25043039        .       +
        1       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25046992        25047076        .       +
        1       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25048646        25048741        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25049930        25049989        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25051834        25052060        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25053566        25053698        .       +
        1       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25054609        25054851        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25056605        25056991        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25057846        25057980        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25058906        25058973        .       +
        0       Parent=Smp_042670.1
SM_V9_4 iris    CDS     25060281        25060353        .       +
        1       Parent=Smp_042670.1
SM_V9_4 iris    gene    25062697        25073428        .       -
        .
ID=Smp_042680;geneID=Smp_042680;gene_name=Smp_042680;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25062697        25073428        .       -
        .
ID=Smp_042680.1;Parent=Smp_042680;geneID=Smp_042680;gene_name=Smp_04
2680;owner=irisadmin@local.host;orig_id=Smp_042680.1;date_last_modif
ied=2022-08-19;Name=Smp_042680.1;product=Tropinone reductase
2;date_creation=2022-08-19
SM_V9_4 iris    exon    25062697        25062986        .       -
        .       Parent=Smp_042680.1;Name=d79c5adf-854e-4d00-
a00d-3aa1afae447d
SM_V9_4 iris    exon    25064417        25064453        .       -
        .       Parent=Smp_042680.1;Name=f1269bdf-
dd52-47eb-9b14-60b4a1a91fed
SM_V9_4 iris    exon    25065453        25065522        .       -
        .
Parent=Smp_042680.1;Name=6fcd3749-1b86-4f42-9a76-4fc58d0b937b
SM_V9_4 iris    exon    25066672        25066851        .       -
        .       Parent=Smp_042680.1;Name=42be089e-6c29-48a2-8ad3-
ec775859ee40
SM_V9_4 iris    exon    25072454        25072704        .       -
        .       Parent=Smp_042680.1;Name=81ac8ccb-19cc-47a4-
a0ca-7e342654bbb1
SM_V9_4 iris    exon    25073384        25073428        .       -
        .       Parent=Smp_042680.1;Name=107a3ba1-92a2-4431-bd5a-
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f8fa6e6e2d0a
SM_V9_4 iris    CDS     25062764        25062986        .       -
        1       Parent=Smp_042680.1
SM_V9_4 iris    CDS     25064417        25064453        .       -
        2       Parent=Smp_042680.1
SM_V9_4 iris    CDS     25065453        25065522        .       -
        0       Parent=Smp_042680.1
SM_V9_4 iris    CDS     25066672        25066851        .       -
        0       Parent=Smp_042680.1
SM_V9_4 iris    CDS     25072454        25072704        .       -
        2       Parent=Smp_042680.1
SM_V9_4 iris    CDS     25073384        25073420        .       -
        0       Parent=Smp_042680.1
SM_V9_4 iris    gene    25073508        25074422        .       -
        .
ID=Smp_350010;geneID=Smp_350010;gene_name=Smp_350010;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25073508        25074422        .       -
        .
ID=Smp_350010.1;Parent=Smp_350010;geneID=Smp_350010;gene_name=Smp_35
0010;owner=irisadmin@local.host;orig_id=Smp_042680.1;date_last_modif
ied=2022-08-19;Name=Smp_350010.1;date_creation=2022-08-19
SM_V9_4 iris    exon    25073508        25074025        .       -
        .       Parent=Smp_350010.1;Name=Smp_350010.1-CDS
SM_V9_4 iris    exon    25074059        25074266        .       -
        .
Parent=Smp_350010.1;Name=15ff0c9d-104e-4223-96a7-9fb522bfe84d
SM_V9_4 iris    exon    25074313        25074422        .       -
        .       Parent=Smp_350010.1;Name=c4612c84-b67f-4e81-a525-
cb84d5442a79
SM_V9_4 iris    CDS     25073803        25074025        .       -
        1       Parent=Smp_350010.1
SM_V9_4 iris    CDS     25074059        25074266        .       -
        2       Parent=Smp_350010.1
SM_V9_4 iris    CDS     25074313        25074367        .       -
        0       Parent=Smp_350010.1
SM_V9_4 iris    gene    25088877        25110931        .       +
        .
ID=Smp_042700;geneID=Smp_042700;gene_name=Smp_042700;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25088877        25110931        .       +
        .
ID=Smp_042700.1;Parent=Smp_042700;geneID=Smp_042700;gene_name=Smp_04
2700;owner=irisadmin@local.host;orig_id=Smp_042700.1;date_last_modif
ied=2022-07-24;Name=Smp_042700.1;product=Protein
FAM81B;date_creation=2022-07-24
SM_V9_4 iris    exon    25088877        25089030        .       +
        .       Parent=Smp_042700.1;Name=efde2f4d-ca74-4ff6-b90f-
bb6221301ec7
SM_V9_4 iris    exon    25089070        25089420        .       +
        .
Parent=Smp_042700.1;Name=cb2df1c9-074b-4a0d-8aab-63398fb8c8c4
SM_V9_4 iris    exon    25092043        25092146        .       +
        .       Parent=Smp_042700.1;Name=63e1f7c6-5143-493d-92c9-
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e6bd882c3ad1
SM_V9_4 iris    exon    25095146        25095290        .       +
        .       Parent=Smp_042700.1;Name=8afc02d9-c6c9-478c-
a1c9-1cbe9b308245
SM_V9_4 iris    exon    25099164        25099406        .       +
        .       Parent=Smp_042700.1;Name=4e0b49b3-0b11-410c-bee0-
bcbcca5e4826
SM_V9_4 iris    exon    25103720        25103816        .       +
        .
Parent=Smp_042700.1;Name=e9cb5f06-2a60-4b55-99a6-081efe022815
SM_V9_4 iris    exon    25109349        25109452        .       +
        .       Parent=Smp_042700.1;Name=d5ef17c5-8287-4379-
a32f-20e1587d10a4
SM_V9_4 iris    exon    25110661        25110931        .       +
        .       Parent=Smp_042700.1;Name=88c904d2-fa22-4219-9c7e-
cb3d64d24bbb
SM_V9_4 iris    CDS     25089103        25089420        .       +
        0       Parent=Smp_042700.1
SM_V9_4 iris    CDS     25092043        25092146        .       +
        0       Parent=Smp_042700.1
SM_V9_4 iris    CDS     25095146        25095290        .       +
        1       Parent=Smp_042700.1
SM_V9_4 iris    CDS     25099164        25099406        .       +
        0       Parent=Smp_042700.1
SM_V9_4 iris    CDS     25103720        25103816        .       +
        0       Parent=Smp_042700.1
SM_V9_4 iris    CDS     25109349        25109452        .       +
        2       Parent=Smp_042700.1
SM_V9_4 iris    CDS     25110661        25110876        .       +
        0       Parent=Smp_042700.1
SM_V9_4 Liftoff gene    25120606        25124816        .       +
        .       ID=Smp_145290;geneID=Smp_145290
SM_V9_4 Liftoff mRNA    25120606        25124816        .       +
        .
ID=Smp_145290.1;Parent=Smp_145290;geneID=Smp_145290;product=Alkaline
phosphatase, tissue-nonspecific
isozyme;polypeptide_domain=InterPro:IPR001952,IPR017849,IPR017850
Pfam:PF00245;Ontology_term=GO:0003824,GO:0008152,GO:0016791
SM_V9_4 Liftoff exon    25120606        25121046        .       +
        .       Parent=Smp_145290.1
SM_V9_4 Liftoff exon    25122043        25122256        .       +
        .       Parent=Smp_145290.1
SM_V9_4 Liftoff exon    25123718        25123992        .       +
        .       Parent=Smp_145290.1
SM_V9_4 Liftoff exon    25124591        25124816        .       +
        .       Parent=Smp_145290.1
SM_V9_4 Liftoff CDS     25120650        25121046        .       +
        0       Parent=Smp_145290.1
SM_V9_4 Liftoff CDS     25122043        25122256        .       +
        2       Parent=Smp_145290.1
SM_V9_4 Liftoff CDS     25123718        25123992        .       +
        1       Parent=Smp_145290.1
SM_V9_4 Liftoff CDS     25124591        25124763        .       +
        2       Parent=Smp_145290.1
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SM_V9_4 Liftoff gene    25125816        25126642        .       -
        .
ID=Smp_198170;geneID=Smp_198170;previous_systematic_id=Smp_042720
SM_V9_4 Liftoff mRNA    25125816        25126642        .       -
        .
ID=Smp_198170.1;Parent=Smp_198170;geneID=Smp_198170;product=Alanine-
-tRNA ligase
SM_V9_4 Liftoff exon    25125816        25126118        .       -
        .       Parent=Smp_198170.1
SM_V9_4 Liftoff exon    25126328        25126642        .       -
        .       Parent=Smp_198170.1
SM_V9_4 Liftoff CDS     25125861        25126118        .       -
        0       Parent=Smp_198170.1
SM_V9_4 Liftoff CDS     25126328        25126378        .       -
        0       Parent=Smp_198170.1
SM_V9_4 iris    gene    25129117        25136912        .       -
        .
ID=Smp_307840;geneID=Smp_307840;gene_name=Smp_307840;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25129117        25136912        .       -
        .
ID=Smp_307840.1;Parent=Smp_307840;geneID=Smp_307840;gene_name=Smp_30
7840;owner=irisadmin@local.host;orig_id=Smp_307840.1;date_last_modif
ied=2022-07-24;Name=Smp_307840.1;product=alkaline
phosphatase;date_creation=2022-07-24
SM_V9_4 iris    exon    25129117        25129676        .       -
        .       Parent=Smp_307840.1;Name=ca7808b6-8b16-4a2e-
a60d-8bed12b4ee75
SM_V9_4 iris    exon    25130450        25130621        .       -
        .       Parent=Smp_307840.1;Name=7acb29e9-9eba-4645-
a868-499bd767e2d8
SM_V9_4 iris    exon    25130848        25131016        .       -
        .
Parent=Smp_307840.1;Name=616f79b9-1288-4479-966f-5de306252c89
SM_V9_4 iris    exon    25131615        25131889        .       -
        .
Parent=Smp_307840.1;Name=1c92a7d6-2309-48d8-9d5e-5070714864a3
SM_V9_4 iris    exon    25133432        25133645        .       -
        .       Parent=Smp_307840.1;Name=9c4d93f0-1ee3-4ee9-974c-
b181c7771351
SM_V9_4 iris    exon    25134642        25136912        .       -
        .       Parent=Smp_307840.1;Name=5dcd5e70-3b8f-4482-80e4-
b03384da2e64
SM_V9_4 iris    CDS     25129293        25129676        .       -
        0       Parent=Smp_307840.1
SM_V9_4 iris    CDS     25130450        25130621        .       -
        1       Parent=Smp_307840.1
SM_V9_4 iris    CDS     25130848        25131016        .       -
        2       Parent=Smp_307840.1
SM_V9_4 iris    CDS     25131615        25131889        .       -
        1       Parent=Smp_307840.1
SM_V9_4 iris    CDS     25133432        25133645        .       -
        2       Parent=Smp_307840.1
SM_V9_4 iris    CDS     25134642        25135143        .       -
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        0       Parent=Smp_307840.1
SM_V9_4 iris    gene    25158972        25182154        .       -
        .
ID=Smp_145300;geneID=Smp_145300;gene_name=Smp_145300;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25158972        25182154        .       -
        .
ID=Smp_145300.1;Parent=Smp_145300;geneID=Smp_145300;gene_name=Smp_14
5300;owner=irisadmin@local.host;orig_id=Smp_145300.1;date_last_modif
ied=2022-07-24;Name=Smp_145300.1;product=peptidylglycine alpha
hydroxylating mono-oxygenase;date_creation=2022-07-24
SM_V9_4 iris    exon    25158972        25159465        .       -
        .       Parent=Smp_145300.1;Name=43698c21-fda2-4da1-a5be-
c9f6bbb0cf60
SM_V9_4 iris    exon    25160466        25160608        .       -
        .
Parent=Smp_145300.1;Name=4aa8ecdb-6f1d-4be1-9a44-0e76bbd710cc
SM_V9_4 iris    exon    25161782        25161831        .       -
        .       Parent=Smp_145300.1;Name=925ab5fe-8bd0-4a14-a386-
eecc16b0545d
SM_V9_4 iris    exon    25161907        25161960        .       -
        .       Parent=Smp_145300.1;Name=e9ce52f5-7ec3-4550-8278-
dbd585e70448
SM_V9_4 iris    exon    25163692        25163768        .       -
        .       Parent=Smp_145300.1;Name=8f877c19-bd94-461f-8496-
ac65a70670bb
SM_V9_4 iris    exon    25166393        25166473        .       -
        .
Parent=Smp_145300.1;Name=15fb0695-85c3-445d-8d24-8b90330807d8
SM_V9_4 iris    exon    25168310        25168374        .       -
        .       Parent=Smp_145300.1;Name=35f09aaa-fb3b-46a0-81e4-
bea7a939b2f7
SM_V9_4 iris    exon    25170029        25170155        .       -
        .       Parent=Smp_145300.1;Name=1a14e664-1c3f-460a-9a38-
b565f3b04c92
SM_V9_4 iris    exon    25173481        25173584        .       -
        .
Parent=Smp_145300.1;Name=a6f9caf2-0e2b-4f7e-8a85-52c4e52a82a5
SM_V9_4 iris    exon    25176980        25177067        .       -
        .       Parent=Smp_145300.1;Name=cbb78761-f3e7-4ed2-
b232-63be0f86c8a1
SM_V9_4 iris    exon    25181899        25181953        .       -
        .       Parent=Smp_145300.1;Name=3960c388-888c-4f4c-
bc2d-4a1901796694
SM_V9_4 iris    exon    25182012        25182154        .       -
        .
Parent=Smp_145300.1;Name=722b1280-96d7-4a7a-97ff-641663cbdd31
SM_V9_4 iris    CDS     25159365        25159465        .       -
        2       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25160466        25160608        .       -
        1       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25161782        25161831        .       -
        0       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25161907        25161960        .       -
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        0       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25163692        25163768        .       -
        2       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25166393        25166473        .       -
        2       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25168310        25168374        .       -
        1       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25170029        25170155        .       -
        2       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25173481        25173584        .       -
        1       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25176980        25177067        .       -
        2       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25181899        25181953        .       -
        0       Parent=Smp_145300.1
SM_V9_4 iris    CDS     25182012        25182119        .       -
        0       Parent=Smp_145300.1
SM_V9_4 Liftoff gene    25182676        25193012        .       +
        .       ID=Smp_329490;geneID=Smp_329490
SM_V9_4 Liftoff mRNA    25182676        25193012        .       +
        .
ID=Smp_329490.1;Parent=Smp_329490;geneID=Smp_329490;product=Neurolig
in-2
SM_V9_4 Liftoff exon    25182676        25193012        .       +
        .       Parent=Smp_329490.1
SM_V9_4 Liftoff CDS     25192381        25192602        .       +
        0       Parent=Smp_329490.1
SM_V9_4 Liftoff gene    25198476        25200400        .       +
        .       ID=Smp_042740;geneID=Smp_042740
SM_V9_4 Liftoff mRNA    25198476        25200400        .       +
        .
ID=Smp_042740.1;Parent=Smp_042740;geneID=Smp_042740;product=spag6;ev
idence=Inferred from Sequence
Orthology;literature=PMID:10684790;polypeptide_domain=InterPro:IPR00
0225,IPR011989,IPR016024
Pfam:PF00514;Ontology_term=GO:0005488,GO:0005515
SM_V9_4 Liftoff exon    25198476        25198538        .       +
        .       Parent=Smp_042740.1
SM_V9_4 Liftoff exon    25198574        25198836        .       +
        .       Parent=Smp_042740.1
SM_V9_4 Liftoff exon    25198872        25199261        .       +
        .       Parent=Smp_042740.1
SM_V9_4 Liftoff exon    25199299        25199625        .       +
        .       Parent=Smp_042740.1
SM_V9_4 Liftoff exon    25199660        25199851        .       +
        .       Parent=Smp_042740.1
SM_V9_4 Liftoff exon    25199887        25200400        .       +
        .       Parent=Smp_042740.1
SM_V9_4 Liftoff CDS     25198514        25198538        .       +
        0       Parent=Smp_042740.1
SM_V9_4 Liftoff CDS     25198574        25198836        .       +
        2       Parent=Smp_042740.1
SM_V9_4 Liftoff CDS     25198872        25199261        .       +
        0       Parent=Smp_042740.1
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SM_V9_4 Liftoff CDS     25199299        25199625        .       +
        0       Parent=Smp_042740.1
SM_V9_4 Liftoff CDS     25199660        25199851        .       +
        0       Parent=Smp_042740.1
SM_V9_4 Liftoff CDS     25199887        25200216        .       +
        0       Parent=Smp_042740.1
SM_V9_4 iris    gene    25201585        25213473        .       -
        .
ID=Smp_145310;geneID=Smp_145310;gene_name=Smp_145310;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25201585        25213473        .       -
        .
ID=Smp_145310.1;Parent=Smp_145310;geneID=Smp_145310;gene_name=Smp_14
5310;owner=irisadmin@local.host;orig_id=Smp_145310.1;date_last_modif
ied=2022-08-19;Name=Smp_145310.1;product=RAB6A-GEF complex partner
protein 2;date_creation=2022-08-19
SM_V9_4 iris    exon    25201585        25202221        .       -
        .       Parent=Smp_145310.1;Name=8f905481-09e5-4bec-
bfbc-44cb3bab32ce
SM_V9_4 iris    exon    25203434        25203733        .       -
        .       Parent=Smp_145310.1;Name=27c8e984-dfdf-45a1-8931-
b6cdecbff982
SM_V9_4 iris    exon    25204441        25204956        .       -
        .       Parent=Smp_145310.1;Name=7be6b45c-5259-45be-
b402-7538d27bd8eb
SM_V9_4 iris    exon    25206279        25206386        .       -
        .       Parent=Smp_145310.1;Name=8c8df912-9b86-462c-
a8f2-15494328f16b
SM_V9_4 iris    exon    25207762        25207898        .       -
        .       Parent=Smp_145310.1;Name=9be069cb-6659-4885-a3f3-
fb0b2f5651ee
SM_V9_4 iris    exon    25208294        25208490        .       -
        .
Parent=Smp_145310.1;Name=c0991057-6d35-4ad2-942b-948c95782a81
SM_V9_4 iris    exon    25212408        25212585        .       -
        .       Parent=Smp_145310.1;Name=f7e22e21-8a32-42fe-
a0b8-67707c6abddd
SM_V9_4 iris    exon    25213406        25213473        .       -
        .       Parent=Smp_145310.1;Name=97d18d86-f728-47de-
a081-9e4f033c73f6
SM_V9_4 iris    CDS     25201830        25202221        .       -
        2       Parent=Smp_145310.1
SM_V9_4 iris    CDS     25203434        25203733        .       -
        2       Parent=Smp_145310.1
SM_V9_4 iris    CDS     25204441        25204956        .       -
        2       Parent=Smp_145310.1
SM_V9_4 iris    CDS     25206279        25206386        .       -
        2       Parent=Smp_145310.1
SM_V9_4 iris    CDS     25207762        25207898        .       -
        1       Parent=Smp_145310.1
SM_V9_4 iris    CDS     25208294        25208433        .       -
        0       Parent=Smp_145310.1
SM_V9_4 iris    gene    25219284        25260165        .       +
        .
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ID=Smp_145320;geneID=Smp_145320;gene_name=Smp_145320;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25219284        25260165        .       +
       .
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5320;owner=irisadmin@local.host;orig_id=Smp_145320.4;date_last_modif
ied=2022-07-24;Name=Smp_145320.1;product=Pendrin;date_creation=2022-
07-24
SM_V9_4 iris    exon    25219284        25219354        .       +
       .
Parent=Smp_145320.1;Name=ade819c1-1dfc-48f3-9665-18b68bf38710
SM_V9_4 iris    exon    25227182        25227632        .       +
       .       Parent=Smp_145320.1;Name=2a267598-d8b8-4c04-bce5-
d76b26bca9e3
SM_V9_4 iris    exon    25229065        25229175        .       +
       .       Parent=Smp_145320.1;Name=4007b084-d398-4b9b-
b45e-772c0c57440d
SM_V9_4 iris    exon    25231782        25231853        .       +
       .       Parent=Smp_145320.1;Name=4e8e74a5-9760-4d19-abea-
cc8a5cd893eb
SM_V9_4 iris    exon    25233460        25233581        .       +
       .
Parent=Smp_145320.1;Name=127303f0-31e4-4d72-86fc-84a41495dbf8
SM_V9_4 iris    exon    25234839        25235003        .       +
       .       Parent=Smp_145320.1;Name=9f4365e8-4b39-4757-ac8c-
e40fd4d337af
SM_V9_4 iris    exon    25238086        25238241        .       +
       .       Parent=Smp_145320.1;Name=7eedf3a6-e61e-474c-
acc3-04c125640a8d
SM_V9_4 iris    exon    25239669        25239751        .       +
       .       Parent=Smp_145320.1;Name=cbbb654b-c9a5-4dcb-aa84-
a6812393008a
SM_V9_4 iris    exon    25241779        25241926        .       +
       .       Parent=Smp_145320.1;Name=4512f82d-35bd-4024-
ba36-86130b07950d
SM_V9_4 iris    exon    25244823        25245014        .       +
       .
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SM_V9_4 iris    exon    25245984        25246079        .       +
       .       Parent=Smp_145320.1;Name=8abc46c9-f61c-46ca-831d-
f68e5b9103ea
SM_V9_4 iris    exon    25248761        25248937        .       +
       .       Parent=Smp_145320.1;Name=c9ecc205-d07a-4d6e-
a1f6-2cc14f6b9a0b
SM_V9_4 iris    exon    25250630        25250900        .       +
       .       Parent=Smp_145320.1;Name=cbc410a7-641a-4c5f-
bca2-6e39d9dfef1b
SM_V9_4 iris    exon    25255929        25256167        .       +
       .
Parent=Smp_145320.1;Name=605df677-6db6-488e-8687-7e8ddc3b1355
SM_V9_4 iris    exon    25257397        25257451        .       +
       .       Parent=Smp_145320.1;Name=946b30b9-e206-4a07-ad93-
ff4f4f17fe70
SM_V9_4 iris    exon    25259754        25260165        .       +
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Parent=Smp_145320.1;Name=ad5621cd-18c8-42a2-96ca-51c88e2d7d34
SM_V9_4 iris    CDS     25227197        25227632        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25229065        25229175        .       +
        2       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25231782        25231853        .       +
        2       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25233460        25233581        .       +
        2       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25234839        25235003        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25238086        25238241        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25239669        25239751        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25241779        25241926        .       +
        1       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25244823        25245014        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25245984        25246079        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25248761        25248937        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25250630        25250900        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25255929        25256167        .       +
        2       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25257397        25257451        .       +
        0       Parent=Smp_145320.1
SM_V9_4 iris    CDS     25259754        25259917        .       +
        2       Parent=Smp_145320.1
SM_V9_4 iris    gene    25263077        25289775        .       -
        .
ID=Smp_042770;geneID=Smp_042770;gene_name=Smp_042770;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25263077        25289775        .       -
        .
ID=Smp_042770.1;Parent=Smp_042770;geneID=Smp_042770;gene_name=Smp_04
2770;owner=irisadmin@local.host;orig_id=Smp_042770.1;date_last_modif
ied=2022-07-24;Name=Smp_042770.1;product=TBC1 domain family member
30;date_creation=2022-07-24
SM_V9_4 iris    exon    25263077        25264212        .       -
        .       Parent=Smp_042770.1;Name=6367f203-
b425-44d4-92c0-55fd8e86872f
SM_V9_4 iris    exon    25265681        25266091        .       -
        .       Parent=Smp_042770.1;Name=6022fdf8-df60-4d5c-
aa15-49d10f540d9f
SM_V9_4 iris    exon    25267147        25267377        .       -
        .       Parent=Smp_042770.1;Name=cd400758-2015-4cae-
a065-452d9c23f140
SM_V9_4 iris    exon    25271445        25271917        .       -
        .       Parent=Smp_042770.1;Name=350bc89c-8d6d-41e1-a613-
eaebc740414a
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SM_V9_4 iris    exon    25273145        25273194        .       -
        .       Parent=Smp_042770.1;Name=a5041006-2a16-46ea-
a383-728f63b34d7e
SM_V9_4 iris    exon    25276962        25277339        .       -
        .       Parent=Smp_042770.1;Name=ce6fd455-52f9-444c-91de-
a929756a0d49
SM_V9_4 iris    exon    25278930        25279176        .       -
        .       Parent=Smp_042770.1;Name=38e4e781-c45c-4154-
ab2c-7a8ed2b0fa9b
SM_V9_4 iris    exon    25284548        25284701        .       -
        .       Parent=Smp_042770.1;Name=23de8ce3-1762-41f2-
b89c-278314b4909c
SM_V9_4 iris    exon    25286360        25286790        .       -
        .       Parent=Smp_042770.1;Name=719b550e-b6cf-4724-
b90d-70be363659cb
SM_V9_4 iris    exon    25289376        25289775        .       -
        .       Parent=Smp_042770.1;Name=e58c23c1-8aa4-4db9-93a5-
ed2216c85a07
SM_V9_4 iris    CDS     25263727        25264212        .       -
        0       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25265681        25266091        .       -
        0       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25267147        25267377        .       -
        0       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25271445        25271917        .       -
        2       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25273145        25273194        .       -
        1       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25276962        25277339        .       -
        1       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25278930        25279176        .       -
        2       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25284548        25284701        .       -
        0       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25286360        25286790        .       -
        2       Parent=Smp_042770.1
SM_V9_4 iris    CDS     25289376        25289670        .       -
        0       Parent=Smp_042770.1
SM_V9_4 iris    gene    25301774        25314910        .       -
        .
ID=Smp_042780;geneID=Smp_042780;gene_name=Smp_042780;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25301774        25314910        .       -
        .
ID=Smp_042780.1;Parent=Smp_042780;geneID=Smp_042780;gene_name=Smp_04
2780;owner=irisadmin@local.host;orig_id=Smp_042780.1;date_last_modif
ied=2022-07-24;Name=Smp_042780.1;product=Mediator of RNA polymerase
II transcription subunit 20;date_creation=2022-07-24
SM_V9_4 iris    exon    25301774        25302786        .       -
        .
Parent=Smp_042780.1;Name=44c6a90f-2f38-4228-9615-83735c119134
SM_V9_4 iris    exon    25307413        25307669        .       -
        .       Parent=Smp_042780.1;Name=e6464ba9-7082-4875-
ad88-0e12c8fbf0c5
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SM_V9_4 iris    exon    25307717        25307779        .       -
        .       Parent=Smp_042780.1;Name=ffc3b7a0-325c-4c23-9452-
b921e81d173a
SM_V9_4 iris    exon    25307819        25307898        .       -
        .       Parent=Smp_042780.1;Name=18748489-
eb57-4e71-91a0-0361e9bd6ed2
SM_V9_4 iris    exon    25307936        25307961        .       -
        .       Parent=Smp_042780.1;Name=19d71bc4-7da4-459b-
ba38-0874a7323a03
SM_V9_4 iris    exon    25314856        25314910        .       -
        .       Parent=Smp_042780.1;Name=642c1ffa-998b-4a72-b322-
f9eecde4f6e1
SM_V9_4 iris    CDS     25302367        25302786        .       -
        0       Parent=Smp_042780.1
SM_V9_4 iris    CDS     25307413        25307669        .       -
        2       Parent=Smp_042780.1
SM_V9_4 iris    CDS     25307717        25307779        .       -
        2       Parent=Smp_042780.1
SM_V9_4 iris    CDS     25307819        25307898        .       -
        1       Parent=Smp_042780.1
SM_V9_4 iris    CDS     25307936        25307952        .       -
        0       Parent=Smp_042780.1
SM_V9_4 iris    gene    25317534        25325415        .       +
        .
ID=Smp_042790;geneID=Smp_042790;gene_name=Smp_042790;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25317534        25325415        .       +
        .
ID=Smp_042790.1;Parent=Smp_042790;geneID=Smp_042790;gene_name=Smp_04
2790;owner=irisadmin@local.host;orig_id=Smp_042790.1;date_last_modif
ied=2022-07-24;Name=Smp_042790.1;product=dolichol phosphate
mannosyltransferase;date_creation=2022-07-24
SM_V9_4 iris    exon    25317534        25317653        .       +
        .       Parent=Smp_042790.1;Name=c2237452-
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SM_V9_4 iris    exon    25319801        25319900        .       +
        .
Parent=Smp_042790.1;Name=6f1d51d0-04de-4de2-8a1d-243d1f069354
SM_V9_4 iris    exon    25319935        25319968        .       +
        .       Parent=Smp_042790.1;Name=59d7c70c-
d3ac-4e6f-93bb-97ffc949950c
SM_V9_4 iris    exon    25320015        25320091        .       +
        .       Parent=Smp_042790.1;Name=8d674c0f-67e8-4d56-
a34e-9657adcb35a5
SM_V9_4 iris    exon    25320389        25320414        .       +
        .
Parent=Smp_042790.1;Name=66fb0649-239e-4c1e-929b-6fa28a33e6cd
SM_V9_4 iris    exon    25320455        25320550        .       +
        .       Parent=Smp_042790.1;Name=6f931a2f-9003-4423-bb44-
fe7cba5feeda
SM_V9_4 iris    exon    25323031        25323099        .       +
        .
Parent=Smp_042790.1;Name=40e1fc46-7f33-438f-819f-35ce52d0dc41
SM_V9_4 iris    exon    25324288        25324402        .       +
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        .       Parent=Smp_042790.1;Name=5a6442f3-
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SM_V9_4 iris    exon    25325070        25325415        .       +
        .
Parent=Smp_042790.1;Name=864e1b30-9165-4486-88a3-6d1ac0c6d9fa
SM_V9_4 iris    CDS     25317562        25317653        .       +
        0       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25319801        25319900        .       +
        1       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25319935        25319968        .       +
        0       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25320015        25320091        .       +
        2       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25320389        25320414        .       +
        0       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25320455        25320550        .       +
        1       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25323031        25323099        .       +
        1       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25324288        25324402        .       +
        1       Parent=Smp_042790.1
SM_V9_4 iris    CDS     25325070        25325174        .       +
        0       Parent=Smp_042790.1
SM_V9_4 Liftoff gene    25326976        25335040        .       -
        .
ID=Smp_343830;geneID=Smp_343830;previous_systematic_id=Smp_145330
SM_V9_4 Liftoff mRNA    25326976        25335040        .       -
        .
ID=Smp_343830.1;Parent=Smp_343830;geneID=Smp_343830;product=IQ and
ubiquitin-like domain-containing protein
SM_V9_4 Liftoff exon    25326976        25328800        .       -
        .       Parent=Smp_343830.1
SM_V9_4 Liftoff exon    25331154        25335040        .       -
        .       Parent=Smp_343830.1
SM_V9_4 Liftoff CDS     25327208        25328800        .       -
        0       Parent=Smp_343830.1
SM_V9_4 Liftoff CDS     25331154        25332209        .       -
        0       Parent=Smp_343830.1
SM_V9_4 iris    gene    25348079        25367820        .       -
        .
ID=Smp_042810;geneID=Smp_042810;gene_name=Smp_042810;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25348079        25367820        .       -
        .
ID=Smp_042810.1;Parent=Smp_042810;geneID=Smp_042810;gene_name=Smp_04
2810;owner=irisadmin@local.host;orig_id=Smp_042810.1;date_last_modif
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fidelity protein 18 homolog;date_creation=2022-08-19
SM_V9_4 iris    exon    25348079        25348682        .       -
        .       Parent=Smp_042810.1;Name=7ac4e8d2-79b9-4f46-
a46d-6adbf81096ec
SM_V9_4 iris    exon    25348723        25348795        .       -
        .
Parent=Smp_042810.1;Name=77779d81-4a7c-48e0-846d-832d4e27e957
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SM_V9_4 iris    exon    25351274        25351523        .       -
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SM_V9_4 iris    exon    25352155        25352373        .       -
        .       Parent=Smp_042810.1;Name=e52e4d72-
c8d3-4fc3-97a8-8a63892c6964
SM_V9_4 iris    exon    25353054        25353394        .       -
        .       Parent=Smp_042810.1;Name=c0ea4553-b4e5-4ee8-8d3d-
bfacb420158c
SM_V9_4 iris    exon    25353508        25353619        .       -
        .       Parent=Smp_042810.1;Name=3854fbb7-81b3-4dec-8113-
d9750854ff0b
SM_V9_4 iris    exon    25354889        25355157        .       -
        .       Parent=Smp_042810.1;Name=f492d2a2-7897-432b-
acb3-3c68d5070efd
SM_V9_4 iris    exon    25358682        25358883        .       -
        .       Parent=Smp_042810.1;Name=ad372954-589b-4391-
b01c-4944acd00146
SM_V9_4 iris    exon    25360666        25360956        .       -
        .       Parent=Smp_042810.1;Name=7879af27-
ecea-4803-8864-1928971c2ad6
SM_V9_4 iris    exon    25362666        25362943        .       -
        .       Parent=Smp_042810.1;Name=4ef81e8b-d823-47e5-b217-
fce69f2edeef
SM_V9_4 iris    exon    25363502        25363627        .       -
        .       Parent=Smp_042810.1;Name=d9796db8-2c2d-484c-
a646-9e457c8621d5
SM_V9_4 iris    exon    25363683        25363954        .       -
        .       Parent=Smp_042810.1;Name=8cf88561-ceed-41af-
b595-9fa287850668
SM_V9_4 iris    exon    25363990        25364183        .       -
        .       Parent=Smp_042810.1;Name=7bc93df0-56c2-4bb3-
ba42-1d88a8d744f7
SM_V9_4 iris    exon    25367520        25367820        .       -
        .       Parent=Smp_042810.1;Name=f1576a3b-147c-40fa-bdc5-
f8c0c3b0f83d
SM_V9_4 iris    CDS     25348573        25348682        .       -
        2       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25348723        25348795        .       -
        0       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25351274        25351523        .       -
        1       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25352155        25352373        .       -
        1       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25353054        25353394        .       -
        0       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25353508        25353619        .       -
        1       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25354889        25355157        .       -
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SM_V9_4 iris    CDS     25358682        25358883        .       -
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SM_V9_4 iris    CDS     25360666        25360956        .       -
        1       Parent=Smp_042810.1
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SM_V9_4 iris    CDS     25362666        25362943        .       -
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        0       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25363683        25363954        .       -
        2       Parent=Smp_042810.1
SM_V9_4 iris    CDS     25363990        25364152        .       -
        0       Parent=Smp_042810.1
SM_V9_4 Liftoff gene    25388356        25399025        .       +
        .       ID=Smp_145350;geneID=Smp_145350
SM_V9_4 Liftoff mRNA    25388356        25399025        .       +
        .
ID=Smp_145350.1;Parent=Smp_145350;geneID=Smp_145350;product=Ubiquiti
n-conjugating enzyme E2
H;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_4 Liftoff exon    25388356        25388751        .       +
        .       Parent=Smp_145350.1
SM_V9_4 Liftoff exon    25388791        25388867        .       +
        .       Parent=Smp_145350.1
SM_V9_4 Liftoff exon    25388902        25388976        .       +
        .       Parent=Smp_145350.1
SM_V9_4 Liftoff exon    25389011        25389050        .       +
        .       Parent=Smp_145350.1
SM_V9_4 Liftoff exon    25389088        25389140        .       +
        .       Parent=Smp_145350.1
SM_V9_4 Liftoff exon    25389169        25389297        .       +
        .       Parent=Smp_145350.1
SM_V9_4 Liftoff exon    25396829        25399025        .       +
        .       Parent=Smp_145350.1
SM_V9_4 Liftoff CDS     25388699        25388751        .       +
        0       Parent=Smp_145350.1
SM_V9_4 Liftoff CDS     25388791        25388867        .       +
        1       Parent=Smp_145350.1
SM_V9_4 Liftoff CDS     25388902        25388976        .       +
        2       Parent=Smp_145350.1
SM_V9_4 Liftoff CDS     25389011        25389050        .       +
        2       Parent=Smp_145350.1
SM_V9_4 Liftoff CDS     25389088        25389140        .       +
        1       Parent=Smp_145350.1
SM_V9_4 Liftoff CDS     25389169        25389297        .       +
        2       Parent=Smp_145350.1
SM_V9_4 Liftoff CDS     25396829        25396962        .       +
        2       Parent=Smp_145350.1
SM_V9_4 Liftoff gene    25424100        25427761        .       -
        .       ID=Smp_202660;geneID=Smp_202660
SM_V9_4 Liftoff mRNA    25424100        25427761        .       -
        .
ID=Smp_202660.1;Parent=Smp_202660;geneID=Smp_202660;product=Glucose-
6-phosphate isomerase
SM_V9_4 Liftoff exon    25424100        25424177        .       -
        .       Parent=Smp_202660.1
SM_V9_4 Liftoff exon    25427657        25427761        .       -
        .       Parent=Smp_202660.1
```

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SM_V9_4 Liftoff CDS     25424100        25424177        .       -
        0       Parent=Smp_202660.1
SM_V9_4 Liftoff CDS     25427657        25427761        .       -
        0       Parent=Smp_202660.1
SM_V9_4 Liftoff gene    25442111        25443840        .       -
        .       ID=Smp_329500;geneID=Smp_329500
SM_V9_4 Liftoff mRNA    25442111        25443840        .       -
        .
ID=Smp_329500.1;Parent=Smp_329500;geneID=Smp_329500;product=dCTP
deaminase
SM_V9_4 Liftoff exon    25442111        25443840        .       -
        .       Parent=Smp_329500.1
SM_V9_4 Liftoff CDS     25443267        25443479        .       -
        0       Parent=Smp_329500.1
SM_V9_4 iris    gene    25511071        25528910        .       -
        .
ID=Smp_145360;geneID=Smp_145360;gene_name=Smp_145360;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25511071        25528910        .       -
        .
ID=Smp_145360.1;Parent=Smp_145360;geneID=Smp_145360;gene_name=Smp_14
5360;owner=irisadmin@local.host;orig_id=Smp_145360.1;date_last_modif
ied=2022-07-24;Name=Smp_145360.1;product=Mitochondria-eating
protein;date_creation=2022-07-24
SM_V9_4 iris    exon    25511071        25511354        .       -
        .       Parent=Smp_145360.1;Name=4b0657f4-76cd-4c1c-b537-
d8a5ff851b67
SM_V9_4 iris    exon    25519312        25519660        .       -
        .       Parent=Smp_145360.1;Name=ba139fb7-4ade-401d-ad20-
ed001407b6bc
SM_V9_4 iris    exon    25519771        25520210        .       -
        .       Parent=Smp_145360.1;Name=e90da9c7-5e5b-4b3f-b2e5-
bf84889deacd
SM_V9_4 iris    exon    25523947        25524181        .       -
        .       Parent=Smp_145360.1;Name=103fe8ac-5237-404e-9cfe-
acba3762e671
SM_V9_4 iris    exon    25525871        25526068        .       -
        .       Parent=Smp_145360.1;Name=31062fe3-89b4-43e1-
b155-67d0dbae6bcc
SM_V9_4 iris    exon    25526231        25526453        .       -
        .       Parent=Smp_145360.1;Name=6d42adbb-42e6-4cbf-
bf8f-5b1da8ab16ee
SM_V9_4 iris    exon    25528637        25528742        .       -
        .       Parent=Smp_145360.1;Name=e9b2f01d-2f4e-4ec5-
ab9b-6253d23d9f99
SM_V9_4 iris    exon    25528776        25528910        .       -
        .       Parent=Smp_145360.1;Name=1bd10d9b-73ba-48a6-b645-
ce860a45d4bf
SM_V9_4 iris    CDS     25519333        25519660        .       -
        1       Parent=Smp_145360.1
SM_V9_4 iris    CDS     25519771        25520210        .       -
        0       Parent=Smp_145360.1
SM_V9_4 iris    CDS     25523947        25524181        .       -
        1       Parent=Smp_145360.1
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SM_V9_4 iris    CDS     25525871        25526068        .       -
        1       Parent=Smp_145360.1
SM_V9_4 iris    CDS     25526231        25526453        .       -
        2       Parent=Smp_145360.1
SM_V9_4 iris    CDS     25528637        25528742        .       -
        0       Parent=Smp_145360.1
SM_V9_4 iris    CDS     25528776        25528862        .       -
        0       Parent=Smp_145360.1
SM_V9_4 Liftoff gene    25536475        25549450        .       -
        .       ID=Smp_329510;geneID=Smp_329510
SM_V9_4 Liftoff mRNA    25536475        25549450        .       -
        .
ID=Smp_329510.1;Parent=Smp_329510;geneID=Smp_329510;product=Phosphop
antetheine adenylyltransferase
SM_V9_4 Liftoff exon    25536475        25536909        .       -
        .       Parent=Smp_329510.1
SM_V9_4 Liftoff exon    25546679        25549450        .       -
        .       Parent=Smp_329510.1
SM_V9_4 Liftoff CDS     25536808        25536909        .       -
        0       Parent=Smp_329510.1
SM_V9_4 Liftoff CDS     25546679        25546762        .       -
        0       Parent=Smp_329510.1
SM_V9_4 iris    gene    25589675        25590642        .       -
        .
ID=Smp_145370;geneID=Smp_145370;gene_name=Smp_145370;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25589675        25590642        .       -
        .
ID=Smp_145370.1;Parent=Smp_145370;geneID=Smp_145370;gene_name=Smp_14
5370;owner=irisadmin@local.host;orig_id=Smp_145370.1;date_last_modif
ied=2022-07-24;Name=Smp_145370.1;product=Arginine--tRNA
ligase;date_creation=2022-07-24
SM_V9_4 iris    exon    25589675        25590642        .       -
        .       Parent=Smp_145370.1;Name=ff91b59c-3848-4999-
bcfc-946cd5462999
SM_V9_4 iris    CDS     25589895        25590437        .       -
        0       Parent=Smp_145370.1
SM_V9_4 Liftoff gene    25635694        25644100        .       -
        .       ID=Smp_145380;geneID=Smp_145380
SM_V9_4 Liftoff mRNA    25635694        25644100        .       -
        .
ID=Smp_145380.1;Parent=Smp_145380;geneID=Smp_145380;product=2-
phospho-L-lactate guanylyltransferase
SM_V9_4 Liftoff exon    25635694        25636097        .       -
        .       Parent=Smp_145380.1
SM_V9_4 Liftoff exon    25637077        25637333        .       -
        .       Parent=Smp_145380.1
SM_V9_4 Liftoff exon    25638087        25638375        .       -
        .       Parent=Smp_145380.1
SM_V9_4 Liftoff exon    25641733        25641969        .       -
        .       Parent=Smp_145380.1
SM_V9_4 Liftoff exon    25643667        25644100        .       -
        .       Parent=Smp_145380.1
SM_V9_4 Liftoff CDS     25635771        25636097        .       -
```

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        0       Parent=Smp_145380.1
SM_V9_4 Liftoff CDS     25637077        25637333        .       -
        2       Parent=Smp_145380.1
SM_V9_4 Liftoff CDS     25638087        25638375        .       -
        0       Parent=Smp_145380.1
SM_V9_4 Liftoff CDS     25641733        25641969        .       -
        0       Parent=Smp_145380.1
SM_V9_4 Liftoff CDS     25643667        25644059        .       -
        0       Parent=Smp_145380.1
SM_V9_4 iris    gene    25653987        25672297        .       +
        .
ID=Smp_334230;geneID=Smp_334230;gene_name=Smp_334230;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25653987        25672297        .       +
        .
ID=Smp_334230.1;Parent=Smp_334230;geneID=Smp_334230;gene_name=Smp_33
4230;owner=irisadmin@local.host;orig_id=Smp_334230.1;date_last_modif
ied=2022-07-24;Name=Smp_334230.1;product=tRNA (cytosine-5-)-
methyltransferase;date_creation=2022-07-24
SM_V9_4 iris    exon    25653987        25654033        .       +
        .       Parent=Smp_334230.1;Name=21019dc0-feb8-4826-849a-
e6ba5a2d240b
SM_V9_4 iris    exon    25656941        25657015        .       +
        .       Parent=Smp_334230.1;Name=34f1a022-15e3-48cc-836b-
a0fcd32cab08
SM_V9_4 iris    exon    25657048        25657157        .       +
        .
Parent=Smp_334230.1;Name=27b9f9dc-8c9e-43ad-8701-6346bec97c60
SM_V9_4 iris    exon    25657191        25657339        .       +
        .       Parent=Smp_334230.1;Name=d3768402-
ea56-4d0d-8d33-2d09857da9a9
SM_V9_4 iris    exon    25657372        25657477        .       +
        .       Parent=Smp_334230.1;Name=330a8e24-
fb83-48e9-9db2-62c72d3b285c
SM_V9_4 iris    exon    25659141        25659334        .       +
        .       Parent=Smp_334230.1;Name=8cbeaecc-3b0f-432b-
b831-9eadd71e3396
SM_V9_4 iris    exon    25660420        25660516        .       +
        .       Parent=Smp_334230.1;Name=2019031e-af82-4f9c-
aae7-264189428021
SM_V9_4 iris    exon    25660554        25660706        .       +
        .       Parent=Smp_334230.1;Name=7304b4c3-0c86-4937-9bbc-
a064dc9c88da
SM_V9_4 iris    exon    25669562        25669700        .       +
        .       Parent=Smp_334230.1;Name=a048e387-6ce8-4832-
ac18-5c4ee2c610a0
SM_V9_4 iris    exon    25672118        25672297        .       +
        .       Parent=Smp_334230.1;Name=41a97aad-0f11-4ff8-956c-
be89894f62ad
SM_V9_4 iris    CDS     25656961        25657015        .       +
        0       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25657048        25657157        .       +
        2       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25657191        25657339        .       +
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        0       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25657372        25657477        .       +
        1       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25659141        25659334        .       +
        0       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25660420        25660516        .       +
        1       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25660554        25660706        .       +
        0       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25669562        25669700        .       +
        0       Parent=Smp_334230.1
SM_V9_4 iris    CDS     25672118        25672221        .       +
        2       Parent=Smp_334230.1
SM_V9_4 Liftoff gene    25680267        25682710        .       +
        .       ID=Smp_042910;geneID=Smp_042910
SM_V9_4 Liftoff mRNA    25680267        25682710        .       +
        .
ID=Smp_042910.1;Parent=Smp_042910;geneID=Smp_042910;product=Osteopet
rosis-associated transmembrane protein
1;polypeptide_domain=InterPro:IPR019172 Pfam:PF09777
SM_V9_4 Liftoff exon    25680267        25680643        .       +
        .       Parent=Smp_042910.1
SM_V9_4 Liftoff exon    25681653        25682710        .       +
        .       Parent=Smp_042910.1
SM_V9_4 Liftoff CDS     25680350        25680643        .       +
        0       Parent=Smp_042910.1
SM_V9_4 Liftoff CDS     25681653        25682507        .       +
        0       Parent=Smp_042910.1
SM_V9_4 iris    gene    25684896        25697943        .       -
        .
ID=Smp_042920;geneID=Smp_042920;gene_name=Smp_042920;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25684896        25697943        .       -
        .
ID=Smp_042920.1;Parent=Smp_042920;geneID=Smp_042920;gene_name=Smp_04
2920;owner=irisadmin@local.host;orig_id=Smp_042920.1;date_last_modif
ied=2022-07-24;Name=Smp_042920.1;product=Serine/threonine-protein
kinase 19;date_creation=2022-07-24
SM_V9_4 iris    exon    25684896        25685109        .       -
        .       Parent=Smp_042920.1;Name=140bd88f-f645-4ede-a155-
fe1722681cb1
SM_V9_4 iris    exon    25686149        25686237        .       -
        .       Parent=Smp_042920.1;Name=aa38c5d8-
fbe1-422a-8b0d-8d05e5f2fb3a
SM_V9_4 iris    exon    25689389        25689636        .       -
        .       Parent=Smp_042920.1;Name=37e9521a-02c9-40ed-
b353-7b8ae76338cc
SM_V9_4 iris    exon    25689672        25689807        .       -
        .       Parent=Smp_042920.1;Name=49411fe3-e52a-4dda-
bdf8-01f0e5b076a5
SM_V9_4 iris    exon    25689849        25689985        .       -
        .
Parent=Smp_042920.1;Name=36f0c6a6-3a7b-48e1-9ddd-2c64b595fee2
SM_V9_4 iris    exon    25690026        25690104        .       -
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        .       Parent=Smp_042920.1;Name=2de694e1-63cf-4668-98a1-
eb27f8dcf159
SM_V9_4 iris    exon    25697662        25697943        .       -
        .       Parent=Smp_042920.1;Name=d7402b15-1722-44ab-aa3d-
f57b18a966ab
SM_V9_4 iris    CDS     25685073        25685109        .       -
        1       Parent=Smp_042920.1
SM_V9_4 iris    CDS     25686149        25686237        .       -
        0       Parent=Smp_042920.1
SM_V9_4 iris    CDS     25689389        25689636        .       -
        2       Parent=Smp_042920.1
SM_V9_4 iris    CDS     25689672        25689807        .       -
        0       Parent=Smp_042920.1
SM_V9_4 iris    CDS     25689849        25689985        .       -
        2       Parent=Smp_042920.1
SM_V9_4 iris    CDS     25690026        25690104        .       -
        0       Parent=Smp_042920.1
SM_V9_4 iris    CDS     25697662        25697691        .       -
        0       Parent=Smp_042920.1
SM_V9_4 Liftoff gene    25697865        25704844        .       +
        .       ID=Smp_329520;geneID=Smp_329520
SM_V9_4 Liftoff mRNA    25697865        25704844        .       +
        .
ID=Smp_329520.1;Parent=Smp_329520;geneID=Smp_329520;product=Protein
bcn92;polypeptide_domain=InterPro:IPR008011 Pfam:PF05347
SM_V9_4 Liftoff exon    25697865        25704569        .       +
        .       Parent=Smp_329520.1
SM_V9_4 Liftoff exon    25704611        25704844        .       +
        .       Parent=Smp_329520.1
SM_V9_4 Liftoff CDS     25704408        25704569        .       +
        0       Parent=Smp_329520.1
SM_V9_4 Liftoff CDS     25704611        25704649        .       +
        0       Parent=Smp_329520.1
SM_V9_4 Liftoff mRNA    25697865        25704844        .       +
        .
ID=Smp_329520.2;Parent=Smp_329520;geneID=Smp_329520;product=Protein
bcn92;polypeptide_domain=InterPro:IPR008011 Pfam:PF05347
SM_V9_4 Liftoff exon    25697865        25704569        .       +
        .       Parent=Smp_329520.2
SM_V9_4 Liftoff exon    25704611        25704844        .       +
        .       Parent=Smp_329520.2
SM_V9_4 Liftoff CDS     25704408        25704569        .       +
        0       Parent=Smp_329520.2
SM_V9_4 Liftoff CDS     25704611        25704649        .       +
        0       Parent=Smp_329520.2
SM_V9_4 iris    gene    25718895        25726104        .       -
        .
ID=Smp_145400;geneID=Smp_145400;gene_name=Smp_145400;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25718895        25726104        .       -
        .
ID=Smp_145400.1;Parent=Smp_145400;geneID=Smp_145400;gene_name=Smp_14
5400;owner=irisadmin@local.host;orig_id=Smp_145400.1;date_last_modif
ied=2022-08-19;Name=Smp_145400.1;product=CCR4-NOT transcription
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complex subunit 9;date_creation=2022-08-19
SM_V9_4 iris    exon    25718895        25719682        .       -
        .       Parent=Smp_145400.1;Name=f9ff141f-d921-418f-
a531-97680ab98fd1
SM_V9_4 iris    exon    25721560        25722477        .       -
        .       Parent=Smp_145400.1;Name=da212132-0c08-4c5c-
a2b0-6bf4e0823957
SM_V9_4 iris    exon    25725160        25726104        .       -
        .
Parent=Smp_145400.1;Name=5f0af7fa-8261-4750-95e8-682121a3b42b
SM_V9_4 iris    CDS     25718936        25719682        .       -
        0       Parent=Smp_145400.1
SM_V9_4 iris    CDS     25721560        25721958        .       -
        0       Parent=Smp_145400.1
SM_V9_4 iris    gene    25738161        25739027        .       -
        .
ID=Smp_303310;geneID=Smp_303310;gene_name=Smp_303310;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25738161        25739027        .       -
        .
ID=Smp_303310.1;Parent=Smp_303310;geneID=Smp_303310;gene_name=Smp_30
3310;owner=irisadmin@local.host;orig_id=Smp_303310.1;date_last_modif
ied=2022-08-19;Name=Smp_303310.1;product=Exocyst complex component
EXO84;date_creation=2022-08-19
SM_V9_4 iris    exon    25738161        25739027        .       -
        .       Parent=Smp_303310.1;Name=8cf47b7c-fe80-42da-9b57-
ae454a32c2ae
SM_V9_4 iris    CDS     25738375        25738554        .       -
        0       Parent=Smp_303310.1
SM_V9_4 iris    gene    25747888        25808543        .       -
        .
ID=Smp_145410;geneID=Smp_145410;gene_name=Smp_145410;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    25747888        25780323        .       -
        .
ID=Smp_145410.2;Parent=Smp_145410;geneID=Smp_145410;gene_name=Smp_14
5410;owner=irisadmin@local.host;orig_id=Smp_145410.3;date_last_modif
ied=2022-08-19;Name=Smp_145410.2;product=Hypothetical
protein;date_creation=2022-08-19
SM_V9_4 iris    exon    25747888        25748623        .       -
        .       Parent=Smp_145410.2;Name=88d54354-d255-415d-
a140-60f852e29eca
SM_V9_4 iris    exon    25756094        25756630        .       -
        .
Parent=Smp_145410.2;Name=b4889f5a-07a0-4b41-9763-8ad726dabdb2
SM_V9_4 iris    exon    25757339        25757933        .       -
        .
Parent=Smp_145410.2;Name=4e958851-488d-4a2c-9935-99cc74ea208a
SM_V9_4 iris    exon    25765459        25766105        .       -
        .
Parent=Smp_145410.2;Name=402d0ad1-4683-4c3f-8771-96a8b4a3eda6
SM_V9_4 iris    exon    25772046        25772621        .       -
        .       Parent=Smp_145410.2;Name=ffe007ae-
f420-42f9-9a11-810b984e27d3
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SM_V9_4 iris    exon    25777338        25777558        .       -
        .       Parent=Smp_145410.2;Name=45ef4616-e6e4-430c-
aca6-4012dda3f60d
SM_V9_4 iris    exon    25780117        25780323        .       -
        .       Parent=Smp_145410.2;Name=a127b274-817f-43a6-a3d6-
c15142244fe3
SM_V9_4 iris    CDS     25756154        25756630        .       -
        0       Parent=Smp_145410.2
SM_V9_4 iris    CDS     25757339        25757933        .       -
        1       Parent=Smp_145410.2
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        0       Parent=Smp_145410.2
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        0       Parent=Smp_145410.2
SM_V9_4 iris    CDS     25777338        25777526        .       -
        0       Parent=Smp_145410.2
SM_V9_4 iris    mRNA    25747888        25808543        .       -
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5410;owner=irisadmin@local.host;orig_id=Smp_145410.1;date_last_modif
ied=2022-08-19;Name=Smp_145410.1;product=Hypothetical
protein;date_creation=2022-08-19
SM_V9_4 iris    exon    25747888        25748623        .       -
        .       Parent=Smp_145410.1;Name=589edee8-f825-4f5b-af15-
fb14e18e92da
SM_V9_4 iris    exon    25756094        25756630        .       -
        .       Parent=Smp_145410.1;Name=c800e52d-15c2-468f-
bd35-71b92492449d
SM_V9_4 iris    exon    25757339        25757933        .       -
        .       Parent=Smp_145410.1;Name=ac7fdb7a-8b84-4ee6-b7a2-
abdea6e8d869
SM_V9_4 iris    exon    25765459        25766105        .       -
        .
Parent=Smp_145410.1;Name=d43610b9-3012-42c9-81a7-85da1b2e6c78
SM_V9_4 iris    exon    25772046        25772621        .       -
        .
Parent=Smp_145410.1;Name=80024bb9-1bc7-4012-95ce-8980f6361f17
SM_V9_4 iris    exon    25777338        25777558        .       -
        .
Parent=Smp_145410.1;Name=f6b8a009-2a78-4cd2-88d1-16a638888826
SM_V9_4 iris    exon    25781305        25781461        .       -
        .       Parent=Smp_145410.1;Name=6f8027db-
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SM_V9_4 iris    exon    25791587        25791984        .       -
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Parent=Smp_145410.1;Name=3e9fe5e3-01dd-4b8e-9e47-8492999d4cf8
SM_V9_4 iris    exon    25797961        25798591        .       -
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Parent=Smp_145410.1;Name=e2efc652-19c7-4684-8a08-0d4f7881e364
SM_V9_4 iris    exon    25808258        25808543        .       -
        .       Parent=Smp_145410.1;Name=62b5261e-a792-4954-89a4-
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SM_V9_4 iris    CDS     25765459        25766105        .       -
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SM_V9_4 iris    CDS     25772046        25772621        .       -
        0       Parent=Smp_145410.1
SM_V9_4 iris    CDS     25777338        25777558        .       -
        2       Parent=Smp_145410.1
SM_V9_4 iris    CDS     25781305        25781461        .       -
        0       Parent=Smp_145410.1
SM_V9_4 iris    CDS     25791587        25791984        .       -
        2       Parent=Smp_145410.1
SM_V9_4 iris    CDS     25797961        25798294        .       -
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        .       ID=Smp_145420;geneID=Smp_145420
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36,IPR013548,IPR013783,IPR014756,IPR015943,IPR016201
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        .       Parent=Smp_145420.1
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        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25837029        25837224        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25839068        25839237        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25842580        25843352        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25848049        25848133        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25850085        25850206        .       -
        .       Parent=Smp_145420.1
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        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25852651        25852819        .       -
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SM_V9_4 Liftoff exon    25853016        25853162        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25853734        25853881        .       -
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SM_V9_4 Liftoff exon    25855938        25856128        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25857824        25858062        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25859013        25859250        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25867313        25867723        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25871326        25871667        .       -
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        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25877452        25877678        .       -
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SM_V9_4 Liftoff exon    25880210        25880469        .       -
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SM_V9_4 Liftoff exon    25880868        25881027        .       -
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SM_V9_4 Liftoff exon    25882063        25882167        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25883322        25883417        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25884422        25884729        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25886041        25886534        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25888897        25889150        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25890428        25890556        .       -
        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25892852        25893043        .       -
        .       Parent=Smp_145420.1
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        .       Parent=Smp_145420.1
SM_V9_4 Liftoff exon    25894376        25894687        .       -
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SM_V9_4 Liftoff exon    25899296        25903313        .       -
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SM_V9_4 Liftoff CDS     25835653        25835829        .       -
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SM_V9_4 Liftoff CDS     25837029        25837224        .       -
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SM_V9_4 Liftoff CDS     25839068        25839237        .       -
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SM_V9_4 Liftoff CDS     25842580        25843352        .       -
        2       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25848049        25848133        .       -
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        2       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25851838        25851876        .       -
        2       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25852651        25852819        .       -
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SM_V9_4 Liftoff CDS     25853016        25853162        .       -
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SM_V9_4 Liftoff CDS     25853734        25853881        .       -
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SM_V9_4 Liftoff CDS     25855938        25856128        .       -
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        2       Parent=Smp_145420.1
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SM_V9_4 Liftoff CDS     25867313        25867723        .       -
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        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25873370        25873463        .       -
        1       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25875559        25875858        .       -
        1       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25877452        25877678        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25878333        25878578        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25880210        25880469        .       -
        2       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25880868        25881027        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25882063        25882167        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25883322        25883417        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25884422        25884729        .       -
        2       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25886041        25886534        .       -
        1       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25888897        25889150        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25890428        25890556        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25892852        25893043        .       -
        0       Parent=Smp_145420.1
SM_V9_4 Liftoff CDS     25893209        25893331        .       -
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SM_V9_4 Liftoff CDS     25894376        25894687        .       -
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SM_V9_4 Liftoff CDS     25899296        25900363        .       -
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SM_V9_4 Liftoff mRNA    25912197        25920249        .       +
        .
ID=Smp_042980.1;Parent=Smp_042980;geneID=Smp_042980;product=Putative
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kinase;polypeptide_domain=InterPro:IPR006203,IPR006204,IPR006205,IPR
013750,IPR014721,IPR020568
Pfam:PF00288,PF08544;Ontology_term=GO:0004496,GO:0005524,GO:0005737,
GO:0008299
SM_V9_4 Liftoff exon    25912197        25920249        .       +
        .       Parent=Smp_042980.1
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SM_V9_4 Liftoff CDS     25919046        25920221        .       +
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n carboxyl-terminal hydrolase
MINDY-1;polypeptide_domain=InterPro:IPR033979
Pfam:PF04424;Ontology_term=GO:0004843,GO:1990380
SM_V9_4 Liftoff exon    25926275        25930726        .       -
        .       Parent=Smp_042990.1
SM_V9_4 Liftoff exon    25933466        25933797        .       -
        .       Parent=Smp_042990.1
SM_V9_4 Liftoff exon    25938598        25938740        .       -
        .       Parent=Smp_042990.1
SM_V9_4 Liftoff exon    25939488        25939678        .       -
        .       Parent=Smp_042990.1
SM_V9_4 Liftoff exon    25941170        25941276        .       -
        .       Parent=Smp_042990.1
SM_V9_4 Liftoff exon    25946036        25946586        .       -
        .       Parent=Smp_042990.1
SM_V9_4 Liftoff exon    25952879        25953061        .       -
        .       Parent=Smp_042990.1
SM_V9_4 Liftoff exon    25955666        25958143        .       -
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SM_V9_4 Liftoff CDS     25930642        25930726        .       -
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SM_V9_4 Liftoff CDS     25933466        25933797        .       -
        0       Parent=Smp_042990.1
SM_V9_4 Liftoff CDS     25938598        25938740        .       -
        2       Parent=Smp_042990.1
SM_V9_4 Liftoff CDS     25939488        25939678        .       -
        1       Parent=Smp_042990.1
SM_V9_4 Liftoff CDS     25941170        25941276        .       -
        0       Parent=Smp_042990.1
SM_V9_4 Liftoff CDS     25946036        25946586        .       -
        2       Parent=Smp_042990.1
SM_V9_4 Liftoff CDS     25952879        25953061        .       -
        2       Parent=Smp_042990.1
SM_V9_4 Liftoff CDS     25955666        25955720        .       -
        0       Parent=Smp_042990.1
SM_V9_4 iris    gene    25967940        26011647        .       +
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@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    25967940        25993417        .       +
        .
ID=Smp_247830.1;Parent=Smp_247830;geneID=Smp_247830;gene_name=Smp_24
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protein;date_creation=2022-07-24
SM_V9_4 iris    exon    25967940        25968154        .       +
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cb6649374017
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SM_V9_4 iris    exon    25968378        25968465        .       +
        .       Parent=Smp_247830.1;Name=2de98c76-2a6c-4603-b732-
deb8cdf36aa9
SM_V9_4 iris    exon    25968498        25968695        .       +
        .       Parent=Smp_247830.1;Name=9736e5b0-4a1d-407a-ac58-
fd239b5b94e7
SM_V9_4 iris    exon    25968738        25969100        .       +
        .       Parent=Smp_247830.1;Name=992e41df-7dc2-4629-
a244-761be364d911
SM_V9_4 iris    exon    25971568        25973445        .       +
        .
Parent=Smp_247830.1;Name=24643834-55ec-4bd0-94b9-5e0bf7cda232
SM_V9_4 iris    exon    25974506        25975025        .       +
        .       Parent=Smp_247830.1;Name=be8c65b3-03fe-4c8e-8eca-
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SM_V9_4 iris    exon    25988936        25989083        .       +
        .       Parent=Smp_247830.1;Name=5f2ea1bc-f8e9-49da-84b2-
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SM_V9_4 iris    exon    25990382        25993417        .       +
        .       Parent=Smp_247830.1;Name=610c7364-b6cb-4f34-bab3-
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SM_V9_4 iris    CDS     25968086        25968154        .       +
        0       Parent=Smp_247830.1
SM_V9_4 iris    CDS     25968190        25968340        .       +
        0       Parent=Smp_247830.1
SM_V9_4 iris    CDS     25968378        25968465        .       +
        2       Parent=Smp_247830.1
SM_V9_4 iris    CDS     25968498        25968695        .       +
        1       Parent=Smp_247830.1
SM_V9_4 iris    CDS     25968738        25969100        .       +
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SM_V9_4 iris    CDS     25971568        25973445        .       +
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SM_V9_4 iris    CDS     25974506        25975025        .       +
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SM_V9_4 iris    CDS     25988936        25989083        .       +
        0       Parent=Smp_247830.1
SM_V9_4 iris    CDS     25990382        25992300        .       +
        2       Parent=Smp_247830.1
SM_V9_4 Liftoff gene    26018070        26025086        .       -
        .       ID=Smp_202680;geneID=Smp_202680
SM_V9_4 Liftoff mRNA    26018070        26025086        .       -
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r complex protein LAMTOR5;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR024135
Pfam:PF16672;Ontology_term=GO:0005737,GO:0019079,GO:0043066,GO:00431
54,GO:0071986
SM_V9_4 Liftoff exon    26018070        26018306        .       -
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SM_V9_4 Liftoff exon    26018351        26018527        .       -
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SM_V9_4 Liftoff exon    26024901        26025086        .       -
        .       Parent=Smp_202680.1
SM_V9_4 Liftoff CDS     26018249        26018306        .       -
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SM_V9_4 Liftoff CDS     26018351        26018527        .       -
        1       Parent=Smp_202680.1
SM_V9_4 Liftoff CDS     26024901        26024935        .       -
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        .       ID=Smp_043030;geneID=Smp_043030
SM_V9_4 Liftoff mRNA    26036050        26042388        .       +
        .
ID=Smp_043030.1;Parent=Smp_043030;geneID=Smp_043030;product=hexokina
se;evidence=Traceable Author Statement;literature=PMID:9665168
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72,IPR022673
Pfam:PF00349,PF03727;Ontology_term=GO:0001678,GO:0004396,GO:0005524,
GO:0005536,GO:0005975,GO:0006096,GO:0016773,GO:0046835
SM_V9_4 Liftoff exon    26036050        26036290        .       +
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SM_V9_4 Liftoff exon    26036325        26036470        .       +
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SM_V9_4 Liftoff exon    26037381        26037593        .       +
        .       Parent=Smp_043030.1
SM_V9_4 Liftoff exon    26038456        26038555        .       +
        .       Parent=Smp_043030.1
SM_V9_4 Liftoff exon    26038728        26038914        .       +
        .       Parent=Smp_043030.1
SM_V9_4 Liftoff exon    26039392        26039547        .       +
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SM_V9_4 Liftoff exon    26040343        26040485        .       +
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SM_V9_4 Liftoff exon    26040612        26040748        .       +
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SM_V9_4 Liftoff exon    26041164        26042388        .       +
        .       Parent=Smp_043030.1
SM_V9_4 Liftoff CDS     26036095        26036290        .       +
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SM_V9_4 Liftoff CDS     26036325        26036470        .       +
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SM_V9_4 Liftoff CDS     26037381        26037593        .       +
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SM_V9_4 Liftoff CDS     26038456        26038555        .       +
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SM_V9_4 Liftoff CDS     26038728        26038914        .       +
        2       Parent=Smp_043030.1
SM_V9_4 Liftoff CDS     26039392        26039547        .       +
        1       Parent=Smp_043030.1
SM_V9_4 Liftoff CDS     26040343        26040485        .       +
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SM_V9_4 Liftoff CDS     26040612        26040748        .       +
        2       Parent=Smp_043030.1
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SM_V9_4 Liftoff CDS     26041164        26041241        .       +
        0       Parent=Smp_043030.1
SM_V9_4 Liftoff gene    26109320        26121134        .       +
        .
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SM_V9_4 Liftoff mRNA    26109320        26114509        .       +
        .
ID=Smp_340750.1;Parent=Smp_340750;geneID=Smp_340750;product=WD
repeat-containing protein
34;polypeptide_domain=InterPro:IPR015943;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    26109320        26111743        .       +
        .       Parent=Smp_340750.1
SM_V9_4 Liftoff exon    26113388        26113472        .       +
        .       Parent=Smp_340750.1
SM_V9_4 Liftoff exon    26113523        26113768        .       +
        .       Parent=Smp_340750.1
SM_V9_4 Liftoff exon    26113810        26113862        .       +
        .       Parent=Smp_340750.1
SM_V9_4 Liftoff exon    26114147        26114328        .       +
        .       Parent=Smp_340750.1
SM_V9_4 Liftoff exon    26114379        26114509        .       +
        .       Parent=Smp_340750.1
SM_V9_4 Liftoff CDS     26111676        26111743        .       +
        0       Parent=Smp_340750.1
SM_V9_4 Liftoff CDS     26113388        26113472        .       +
        1       Parent=Smp_340750.1
SM_V9_4 Liftoff CDS     26113523        26113768        .       +
        0       Parent=Smp_340750.1
SM_V9_4 Liftoff CDS     26113810        26113862        .       +
        0       Parent=Smp_340750.1
SM_V9_4 Liftoff CDS     26114147        26114328        .       +
        1       Parent=Smp_340750.1
SM_V9_4 Liftoff CDS     26114379        26114413        .       +
        2       Parent=Smp_340750.1
SM_V9_4 Liftoff mRNA    26109320        26121134        .       +
        .
ID=Smp_340750.2;Parent=Smp_340750;geneID=Smp_340750;product=WD
repeat-containing protein
34;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;Ontolog
y_term=GO:0005515
SM_V9_4 Liftoff exon    26109320        26111743        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26113388        26113472        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26113523        26113768        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26113810        26113862        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26114147        26114328        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26116790        26117051        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26117816        26118051        .       +
        .       Parent=Smp_340750.2
```

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SM_V9_4 Liftoff exon    26119127        26119263        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26120635        26120924        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff exon    26120989        26121134        .       +
        .       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26111676        26111743        .       +
        0       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26113388        26113472        .       +
        1       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26113523        26113768        .       +
        0       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26113810        26113862        .       +
        0       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26114147        26114328        .       +
        1       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26116790        26117051        .       +
        2       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26117816        26118051        .       +
        1       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26119127        26119263        .       +
        2       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26120635        26120924        .       +
        0       Parent=Smp_340750.2
SM_V9_4 Liftoff CDS     26120989        26121088        .       +
        1       Parent=Smp_340750.2
SM_V9_4 iris    gene    26133000        26153317        .       +
        .
ID=Smp_145440;geneID=Smp_145440;gene_name=Smp_145440;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    26133000        26153317        .       +
        .
ID=Smp_145440.1;Parent=Smp_145440;geneID=Smp_145440;gene_name=Smp_14
5440;owner=irisadmin@local.host;orig_id=Smp_145440.2;date_last_modif
ied=2022-07-24;Name=Smp_145440.1;product=Zinc finger protein 64
homolog, isoforms 1 and 2;date_creation=2022-07-24
SM_V9_4 iris    exon    26133000        26133087        .       +
        .       Parent=Smp_145440.1;Name=c4e79abe-1058-4eff-
b5aa-16ce4613b4ae
SM_V9_4 iris    exon    26133121        26133262        .       +
        .       Parent=Smp_145440.1;Name=54087355-2e0d-4fde-97e1-
a08f7cea9fe6
SM_V9_4 iris    exon    26133295        26133419        .       +
        .
Parent=Smp_145440.1;Name=47c10980-7ab6-4fd9-89a1-84b4b9047ef9
SM_V9_4 iris    exon    26142840        26143086        .       +
        .       Parent=Smp_145440.1;Name=b1f4bc86-27e1-47e5-
ac16-64ee54101077
SM_V9_4 iris    exon    26143138        26143330        .       +
        .       Parent=Smp_145440.1;Name=a2f9dbc8-c4cd-4bf1-
a859-84f8653897b1
SM_V9_4 iris    exon    26143385        26143488        .       +
        .       Parent=Smp_145440.1;Name=f70711a9-97f2-43c3-be85-
c9a417d17384
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SM_V9_4 iris    exon    26143543        26143588        .       +
        .       Parent=Smp_145440.1;Name=e42b1fcf-1bfe-45c4-
b680-358fcaf8a13c
SM_V9_4 iris    exon    26143635        26143803        .       +
        .       Parent=Smp_145440.1;Name=4e746149-eef7-4b6d-
aa4c-17038ba62d88
SM_V9_4 iris    exon    26151959        26153317        .       +
        .
Parent=Smp_145440.1;Name=62085c5d-1484-4788-9f41-88f253f4272b
SM_V9_4 iris    CDS     26142865        26143086        .       +
        0       Parent=Smp_145440.1
SM_V9_4 iris    CDS     26143138        26143330        .       +
        0       Parent=Smp_145440.1
SM_V9_4 iris    CDS     26143385        26143488        .       +
        2       Parent=Smp_145440.1
SM_V9_4 iris    CDS     26143543        26143588        .       +
        0       Parent=Smp_145440.1
SM_V9_4 iris    CDS     26143635        26143803        .       +
        2       Parent=Smp_145440.1
SM_V9_4 iris    CDS     26151959        26152577        .       +
        1       Parent=Smp_145440.1
SM_V9_4 iris    gene    26158143        26178681        .       -
        .
ID=Smp_343840;geneID=Smp_343840;gene_name=Smp_343840;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    26158143        26178681        .       -
        .
ID=Smp_343840.1;Parent=Smp_343840;geneID=Smp_343840;gene_name=Smp_34
3840;owner=irisadmin@local.host;orig_id=Smp_343840.1;date_last_modif
ied=2022-07-24;Name=Smp_343840.1;product=Hypothetical
protein;date_creation=2022-07-24
SM_V9_4 iris    exon    26158143        26158864        .       -
        .
Parent=Smp_343840.1;Name=7811dccd-2501-4231-929b-974ca676258d
SM_V9_4 iris    exon    26159964        26160072        .       -
        .       Parent=Smp_343840.1;Name=37e23770-cab1-4ab2-b11b-
fc1efabdb7ba
SM_V9_4 iris    exon    26161290        26161399        .       -
        .       Parent=Smp_343840.1;Name=bd9f3401-48c3-4f15-81be-
f73bee323bb9
SM_V9_4 iris    exon    26162794        26162896        .       -
        .       Parent=Smp_343840.1;Name=c16f17ed-e202-4eaa-
b44c-22d1bc279a21
SM_V9_4 iris    exon    26164019        26164126        .       -
        .
Parent=Smp_343840.1;Name=f24fd642-2f97-4432-9f4e-61cda139b0f0
SM_V9_4 iris    exon    26165472        26165548        .       -
        .       Parent=Smp_343840.1;Name=ee8f31ab-d8bf-4db6-
a47a-209acf5fc457
SM_V9_4 iris    exon    26168336        26168425        .       -
        .       Parent=Smp_343840.1;Name=99b653eb-4cad-40ec-a9b9-
b59334f94744
SM_V9_4 iris    exon    26169950        26170063        .       -
        .       Parent=Smp_343840.1;Name=f249f336-6441-4c1a-a6c4-
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ab2f93dd3aa0
SM_V9_4 iris    exon    26171027        26171132        .       -
        .       Parent=Smp_343840.1;Name=f4ce87b6-831b-4452-9e95-
bbbbb5cc48e8
SM_V9_4 iris    exon    26178075        26178102        .       -
        .       Parent=Smp_343840.1;Name=a020f40a-
d40a-4838-8a80-4297909f5a14
SM_V9_4 iris    exon    26178144        26178245        .       -
        .
Parent=Smp_343840.1;Name=16ace1f7-04ee-4254-80b8-72604f44fb9d
SM_V9_4 iris    exon    26178277        26178385        .       -
        .       Parent=Smp_343840.1;Name=bc599249-22df-46b0-
a89f-2f043af3819f
SM_V9_4 iris    exon    26178417        26178552        .       -
        .
Parent=Smp_343840.1;Name=b4dec0c2-5d80-4164-8551-553d9fe84234
SM_V9_4 iris    exon    26178606        26178681        .       -
        .       Parent=Smp_343840.1;Name=2ffbeede-a1cc-4ad4-8c25-
c66f3d12e0e9
SM_V9_4 iris    CDS     26158733        26158864        .       -
        0       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26159964        26160072        .       -
        1       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26161290        26161399        .       -
        0       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26162794        26162896        .       -
        1       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26164019        26164126        .       -
        1       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26165472        26165548        .       -
        0       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26168336        26168425        .       -
        0       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26169950        26170063        .       -
        0       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26171027        26171132        .       -
        1       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26178075        26178102        .       -
        2       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26178144        26178245        .       -
        2       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26178277        26178385        .       -
        0       Parent=Smp_343840.1
SM_V9_4 iris    CDS     26178417        26178542        .       -
        0       Parent=Smp_343840.1
SM_V9_4 Liftoff gene    26183407        26193176        .       -
        .       ID=Smp_043070;geneID=Smp_043070
SM_V9_4 Liftoff mRNA    26183407        26193176        .       -
        .
ID=Smp_043070.1;Parent=Smp_043070;geneID=Smp_043070;product=Phosphor
ylated adapter RNA export
protein;polypeptide_domain=InterPro:IPR019385 Pfam:PF10258
SM_V9_4 Liftoff exon    26183407        26183833        .       -
        .       Parent=Smp_043070.1
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SM_V9_4 Liftoff exon    26185558        26185685        .       -
        .       Parent=Smp_043070.1
SM_V9_4 Liftoff exon    26188132        26188223        .       -
        .       Parent=Smp_043070.1
SM_V9_4 Liftoff exon    26188261        26188424        .       -
        .       Parent=Smp_043070.1
SM_V9_4 Liftoff exon    26188460        26188563        .       -
        .       Parent=Smp_043070.1
SM_V9_4 Liftoff exon    26188600        26193176        .       -
        .       Parent=Smp_043070.1
SM_V9_4 Liftoff CDS     26183557        26183833        .       -
        1       Parent=Smp_043070.1
SM_V9_4 Liftoff CDS     26185558        26185685        .       -
        0       Parent=Smp_043070.1
SM_V9_4 Liftoff CDS     26188132        26188223        .       -
        2       Parent=Smp_043070.1
SM_V9_4 Liftoff CDS     26188261        26188424        .       -
        1       Parent=Smp_043070.1
SM_V9_4 Liftoff CDS     26188460        26188563        .       -
        0       Parent=Smp_043070.1
SM_V9_4 Liftoff CDS     26188600        26188827        .       -
        0       Parent=Smp_043070.1
SM_V9_4 Liftoff mRNA    26186193        26193176        .       -
        .
ID=Smp_043070.2;Parent=Smp_043070;geneID=Smp_043070;product=Phosphor
ylated adapter RNA export
protein;polypeptide_domain=InterPro:IPR019385 Pfam:PF10258
SM_V9_4 Liftoff exon    26186193        26186298        .       -
        .       Parent=Smp_043070.2
SM_V9_4 Liftoff exon    26188132        26188223        .       -
        .       Parent=Smp_043070.2
SM_V9_4 Liftoff exon    26188261        26188424        .       -
        .       Parent=Smp_043070.2
SM_V9_4 Liftoff exon    26188460        26188563        .       -
        .       Parent=Smp_043070.2
SM_V9_4 Liftoff exon    26188600        26193176        .       -
        .       Parent=Smp_043070.2
SM_V9_4 Liftoff CDS     26186278        26186298        .       -
        0       Parent=Smp_043070.2
SM_V9_4 Liftoff CDS     26188132        26188223        .       -
        2       Parent=Smp_043070.2
SM_V9_4 Liftoff CDS     26188261        26188424        .       -
        1       Parent=Smp_043070.2
SM_V9_4 Liftoff CDS     26188460        26188563        .       -
        0       Parent=Smp_043070.2
SM_V9_4 Liftoff CDS     26188600        26188827        .       -
        0       Parent=Smp_043070.2
SM_V9_4 Liftoff gene    26200762        26233366        .       -
        .       ID=Smp_145460;geneID=Smp_145460
SM_V9_4 Liftoff mRNA    26200762        26233366        .       -
        .
ID=Smp_145460.1;Parent=Smp_145460;geneID=Smp_145460;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR007593
Pfam:PF04505;Ontology_term=GO:0009607,GO:0016021
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SM_V9_4 Liftoff exon    26200762        26233366        .       -
        .       Parent=Smp_145460.1
SM_V9_4 Liftoff CDS     26200942        26202003        .       -
        0       Parent=Smp_145460.1
SM_V9_4 iris    gene    26281061        26285212        .       -
        .
ID=Smp_145470;geneID=Smp_145470;gene_name=Smp_145470;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    26281061        26285212        .       -
        .
ID=Smp_145470.1;Parent=Smp_145470;geneID=Smp_145470;gene_name=Smp_14
5470;owner=irisadmin@local.host;orig_id=Smp_145470.1;date_last_modif
ied=2022-07-24;Name=Smp_145470.1;product=Zinc finger protein
Gfi-1b;date_creation=2022-07-24
SM_V9_4 iris    exon    26281061        26283652        .       -
        .       Parent=Smp_145470.1;Name=821b16d5-6f6c-43cc-
aeac-03e8a1663c7b
SM_V9_4 iris    exon    26285129        26285212        .       -
        .       Parent=Smp_145470.1;Name=55a38830-8a19-46e9-
ae32-5656852ceeb8
SM_V9_4 iris    CDS     26281637        26283652        .       -
        0       Parent=Smp_145470.1
SM_V9_4 iris    CDS     26285129        26285131        .       -
        0       Parent=Smp_145470.1
SM_V9_4 iris    gene    26359380        26361394        .       -
        .
ID=Smp_043100;geneID=Smp_043100;gene_name=Smp_043100;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-07-24
SM_V9_4 iris    mRNA    26359380        26361394        .       -
        .
ID=Smp_043100.2;Parent=Smp_043100;geneID=Smp_043100;gene_name=Smp_04
3100;owner=irisadmin@local.host;date_last_modified=2022-08-19;Name=S
mp_043100.2;date_creation=2022-08-19
SM_V9_4 iris    exon    26359380        26359633        .       -
        .       Parent=Smp_043100.2;Name=99281af0-1ecf-46fe-b59a-
e12af46fb4ad
SM_V9_4 iris    exon    26360073        26360550        .       -
        .       Parent=Smp_043100.2;Name=a6c5c6e4-e8d6-4736-
ae05-3ed6fd598940
SM_V9_4 iris    exon    26360587        26361311        .       -
        .       Parent=Smp_043100.2;Name=d689f5db-0d6a-452e-
b1ce-6a274d0e4c1f
SM_V9_4 iris    exon    26361350        26361394        .       -
        .       Parent=Smp_043100.2;Name=f4d54d04-
c7bc-4a33-82c8-441bc479039a
SM_V9_4 iris    CDS     26360378        26360550        .       -
        2       Parent=Smp_043100.2
SM_V9_4 iris    CDS     26360587        26361301        .       -
        0       Parent=Smp_043100.2
SM_V9_4 iris    mRNA    26360271        26361394        .       -
        .
ID=Smp_043100.1;Parent=Smp_043100;geneID=Smp_043100;gene_name=Smp_04
3100;owner=irisadmin@local.host;orig_id=Smp_043100.1;date_last_modif
ied=2022-08-19;Name=Smp_043100.1;product=Heterogeneous nuclear
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ribonucleoprotein A2 homolog 1;date_creation=2022-07-24
SM_V9_4 iris    exon    26360271        26360550        .       -
        .
Parent=Smp_043100.1;Name=b0859548-475a-4d34-9bb6-5d14eadfa8f2
SM_V9_4 iris    exon    26360587        26361311        .       -
        .
Parent=Smp_043100.1;Name=8e44c75b-8a56-4290-9962-1899431ad4f0
SM_V9_4 iris    exon    26361350        26361394        .       -
        .
Parent=Smp_043100.1;Name=e0e41991-0490-490e-9766-9c5ea187b138
SM_V9_4 iris    CDS     26360378        26360550        .       -
        2       Parent=Smp_043100.1
SM_V9_4 iris    CDS     26360587        26361301        .       -
        0       Parent=Smp_043100.1
SM_V9_4 iris    gene    26361700        26369223        .       +
        .
ID=Smp_043110;geneID=Smp_043110;gene_name=Smp_043110;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    26361700        26369223        .       +
        .
ID=Smp_043110.1;Parent=Smp_043110;geneID=Smp_043110;gene_name=Smp_04
3110;owner=irisadmin@local.host;orig_id=Smp_043110.1;date_last_modif
ied=2022-07-24;Name=Smp_043110.1;product=Phosphoenolpyruvate
carboxylase;date_creation=2022-07-24
SM_V9_4 iris    exon    26361700        26361958        .       +
        .
Parent=Smp_043110.1;Name=ef4d43a0-8083-4077-9796-39841e2269f1
SM_V9_4 iris    exon    26368207        26369223        .       +
        .
Parent=Smp_043110.1;Name=44ccb5f7-1a40-40b1-8aeb-3cdc86ad54af
SM_V9_4 iris    CDS     26361728        26361958        .       +
        0       Parent=Smp_043110.1
SM_V9_4 iris    CDS     26368207        26368512        .       +
        0       Parent=Smp_043110.1
SM_V9_4 Liftoff gene    26408351        26409082        .       +
        .       ID=Smp_043120;geneID=Smp_043120
SM_V9_4 Liftoff mRNA    26408351        26409082        .       +
        .
ID=Smp_043120.1;Parent=Smp_043120;geneID=Smp_043120;product=Universa
l stress protein MSMEG_3950/
MSMEI_3859;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
SM_V9_4 Liftoff exon    26408351        26409082        .       +
        .       Parent=Smp_043120.1
SM_V9_4 Liftoff CDS     26408389        26408871        .       +
        0       Parent=Smp_043120.1
SM_V9_4 Liftoff gene    26461125        26461838        .       -
        .       ID=Smp_202690;geneID=Smp_202690
SM_V9_4 Liftoff mRNA    26461125        26461838        .       -
        .
ID=Smp_202690.1;Parent=Smp_202690;geneID=Smp_202690;product=Universa
l stress protein
Slr1101;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
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SM_V9_4 Liftoff exon    26461125        26461838        .       -
        .       Parent=Smp_202690.1
SM_V9_4 Liftoff CDS     26461352        26461825        .       -
        0       Parent=Smp_202690.1
SM_V9_4 Liftoff gene    26472902        26485967        .       -
        .       ID=Smp_043130;geneID=Smp_043130
SM_V9_4 Liftoff mRNA    26472902        26485967        .       -
        .
ID=Smp_043130.1;Parent=Smp_043130;geneID=Smp_043130;product=Gem-
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SM_V9_4 Liftoff exon    26481555        26481602        .       -
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SM_V9_4 Liftoff exon    26481640        26481838        .       -
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SM_V9_4 Liftoff CDS     26478631        26478711        .       -
        0       Parent=Smp_043130.1
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Pfam:PF00262;Ontology_term=GO:0005509,GO:0005515,GO:0005783,GO:00064
57,GO:0051082
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        .       Parent=Smp_043150.1
SM_V9_4 Liftoff exon    26542764        26543046        .       +
        .       Parent=Smp_043150.1
SM_V9_4 Liftoff exon    26543081        26543149        .       +
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        .       Parent=Smp_043150.1
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        .       Parent=Smp_043150.1
SM_V9_4 Liftoff exon    26555580        26555729        .       +
        .       Parent=Smp_043150.1
SM_V9_4 Liftoff exon    26556691        26557041        .       +
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SM_V9_4 Liftoff exon    26557194        26557636        .       +
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SM_V9_4 Liftoff CDS     26542523        26542621        .       +
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        1       Parent=Smp_043150.1
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SM_V9_4 Liftoff CDS     26555580        26555729        .       +
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SM_V9_4 Liftoff CDS     26556691        26557041        .       +
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SM_V9_4 Liftoff CDS     26557194        26557247        .       +
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SM_V9_4 Liftoff exon    26561606        26561721        .       -
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SM_V9_4 Liftoff exon    26565479        26565726        .       -
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SM_V9_4 Liftoff CDS     26560178        26560748        .       -
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SM_V9_4 Liftoff mRNA    26601581        26636080        .       +
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2;polypeptide_domain=InterPro:IPR007707 Pfam:PF05010
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SM_V9_4 Liftoff exon    26608718        26608755        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26610258        26610276        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26619019        26619103        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26620416        26620470        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26625845        26626059        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26628918        26629122        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26630487        26630593        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26631582        26631702        .       +
        .       Parent=Smp_043170.1
SM_V9_4 Liftoff exon    26635114        26636080        .       +
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SM_V9_4 Liftoff CDS     26605122        26605530        .       +
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SM_V9_4 Liftoff CDS     26608718        26608755        .       +
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SM_V9_4 Liftoff CDS     26610258        26610276        .       +
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SM_V9_4 Liftoff CDS     26619019        26619103        .       +
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SM_V9_4 Liftoff CDS     26620416        26620470        .       +
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SM_V9_4 Liftoff CDS     26625845        26626059        .       +
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SM_V9_4 Liftoff CDS     26628918        26629122        .       +
        1       Parent=Smp_043170.1
SM_V9_4 Liftoff CDS     26630487        26630593        .       +
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SM_V9_4 Liftoff CDS     26631582        26631702        .       +
        1       Parent=Smp_043170.1
SM_V9_4 Liftoff CDS     26635114        26635182        .       +
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SM_V9_4 iris    mRNA    26638135        26670399        .       -
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ied=2022-08-19;Name=Smp_343850.1;product=FH2 domain-containing
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        .       Parent=Smp_343850.1;Name=20a51018-e840-4a80-b112-
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SM_V9_4 iris    exon    26644271        26644346        .       -
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SM_V9_4 iris    exon    26645690        26645854        .       -
        .       Parent=Smp_343850.1;Name=4ca71d70-94cd-4969-937c-
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SM_V9_4 iris    exon    26646803        26646923        .       -
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SM_V9_4 iris    exon    26652304        26652411        .       -
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SM_V9_4 iris    exon    26656455        26656555        .       -
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SM_V9_4 iris    exon    26659496        26659746        .       -
        .       Parent=Smp_343850.1;Name=e30490ea-9150-49df-
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SM_V9_4 iris    exon    26669734        26670399        .       -
        .       Parent=Smp_343850.1;Name=7dbb60eb-7f5a-472a-
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SM_V9_4 iris    CDS     26644271        26644346        .       -
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SM_V9_4 iris    CDS     26645690        26645854        .       -
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SM_V9_4 iris    CDS     26646803        26646923        .       -
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SM_V9_4 iris    CDS     26649864        26649934        .       -
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kinase RIO2;date_creation=2022-08-19
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SM_V9_4 iris    exon    26678775        26678870        .       -
        .       Parent=Smp_043200.1;Name=70307f8a-7e69-43fb-
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Parent=Smp_043200.1;Name=c2293ab9-213d-49df-8edb-31109f06e0be
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SM_V9_4 iris    CDS     26675046        26675367        .       -
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SM_V9_4 iris    CDS     26678775        26678870        .       -
        1       Parent=Smp_043200.1
SM_V9_4 iris    CDS     26681181        26681515        .       -
        0       Parent=Smp_043200.1
SM_V9_4 iris    CDS     26681548        26681897        .       -
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SM_V9_4 iris    CDS     26682049        26682202        .       -
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        .       Parent=Smp_043210.1
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SM_V9_4 Liftoff CDS     26715928        26716122        .       -
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SM_V9_4 Liftoff CDS     26723100        26723198        .       -
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SM_V9_4 Liftoff CDS     26725529        26725603        .       -
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SM_V9_4 Liftoff CDS     26725644        26725874        .       -
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PKS-NRPS synthetase ATEG_00325
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SM_V9_4 Liftoff exon    26754607        26754801        .       -
        .       Parent=Smp_043220.1
SM_V9_4 Liftoff exon    26756057        26756327        .       -
        .       Parent=Smp_043220.1
SM_V9_4 Liftoff exon    26756364        26756426        .       -
        .       Parent=Smp_043220.1
SM_V9_4 Liftoff exon    26759064        26759127        .       -
        .       Parent=Smp_043220.1
SM_V9_4 Liftoff CDS     26753445        26753508        .       -
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SM_V9_4 Liftoff CDS     26756057        26756327        .       -
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SM_V9_4 Liftoff CDS     26756364        26756426        .       -
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SM_V9_4 Liftoff CDS     26759064        26759094        .       -
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SM_V9_4 Liftoff gene    26763810        26811016        .       +
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SM_V9_4 Liftoff mRNA    26763810        26811016        .       +
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rich repeat protein soc-2
homolog;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
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        .       Parent=Smp_145510.1
SM_V9_4 Liftoff exon    26767612        26767735        .       +
        .       Parent=Smp_145510.1
SM_V9_4 Liftoff exon    26783047        26783155        .       +
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SM_V9_4 Liftoff CDS     26763850        26763855        .       +
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SM_V9_4 Liftoff CDS     26763892        26763991        .       +
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SM_V9_4 Liftoff CDS     26764225        26764404        .       +
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SM_V9_4 Liftoff CDS     26783047        26783155        .       +
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SM_V9_4 Liftoff CDS     26784903        26784996        .       +
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SM_V9_4 Liftoff CDS     26785878        26785982        .       +
        0       Parent=Smp_145510.1
SM_V9_4 Liftoff CDS     26787638        26787755        .       +
        0       Parent=Smp_145510.1
SM_V9_4 Liftoff CDS     26790086        26790210        .       +
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SM_V9_4 Liftoff CDS     26794577        26794734        .       +
        0       Parent=Smp_145510.1
SM_V9_4 Liftoff CDS     26800050        26800117        .       +
        1       Parent=Smp_145510.1
SM_V9_4 Liftoff CDS     26800490        26800659        .       +
        2       Parent=Smp_145510.1
SM_V9_4 Liftoff CDS     26805326        26805382        .       +
        0       Parent=Smp_145510.1
SM_V9_4 Liftoff mRNA    26763821        26805685        .       +
        .
ID=Smp_145510.2;Parent=Smp_145510;geneID=Smp_145510;product=Leucine-
rich repeat protein soc-2
homolog;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    26763821        26763855        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26763892        26763991        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26764027        26764187        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26764225        26764404        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26764440        26764634        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26767612        26767735        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26783047        26783155        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26784903        26784996        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26785878        26785982        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26787638        26787755        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26790086        26790210        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26794577        26794734        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26800050        26800117        .       +
```

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        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26800490        26800659        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff exon    26805326        26805685        .       +
        .       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26763850        26763855        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26763892        26763991        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26764027        26764187        .       +
        2       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26764225        26764404        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26764440        26764634        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26767612        26767735        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26783047        26783155        .       +
        2       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26784903        26784996        .       +
        1       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26785878        26785982        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26787638        26787755        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26790086        26790210        .       +
        2       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26794577        26794734        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26800050        26800117        .       +
        1       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26800490        26800659        .       +
        2       Parent=Smp_145510.2
SM_V9_4 Liftoff CDS     26805326        26805382        .       +
        0       Parent=Smp_145510.2
SM_V9_4 Liftoff gene    26837726        26838400        .       +
        .       ID=Smp_043250;geneID=Smp_043250
SM_V9_4 Liftoff mRNA    26837726        26838400        .       +
        .
ID=Smp_043250.1;Parent=Smp_043250;geneID=Smp_043250;product=TBCC
domain-containing protein 1;polypeptide_domain=InterPro:IPR000305
SM_V9_4 Liftoff exon    26837726        26838400        .       +
        .       Parent=Smp_043250.1
SM_V9_4 Liftoff CDS     26837891        26838295        .       +
        0       Parent=Smp_043250.1
SM_V9_4 Liftoff gene    26843407        26845415        .       -
        .       ID=Smp_043260;geneID=Smp_043260
SM_V9_4 Liftoff mRNA    26843407        26845415        .       -
        .
ID=Smp_043260.1;Parent=Smp_043260;geneID=Smp_043260;product=Histamin
e-responsive G-protein coupled receptor;evidence=Traceable Author
Statement;literature=PMID:11755188 PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
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SM_V9_4 Liftoff exon    26843407        26845415        .       -
        .       Parent=Smp_043260.1
SM_V9_4 Liftoff CDS     26843446        26845182        .       -
        0       Parent=Smp_043260.1
SM_V9_4 Liftoff gene    26851999        26856118        .       +
        .       ID=Smp_043270;geneID=Smp_043270
SM_V9_4 Liftoff mRNA    26851999        26856118        .       +
        .
ID=Smp_043270.1;Parent=Smp_043270;geneID=Smp_043270;product=Octopami
ne receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    26851999        26856118        .       +
        .       Parent=Smp_043270.1
SM_V9_4 Liftoff CDS     26852567        26854039        .       +
        0       Parent=Smp_043270.1
SM_V9_4 Liftoff gene    26865109        26883766        .       +
        .
ID=Smp_336140;geneID=Smp_336140;previous_systematic_id=Smp_145520
SM_V9_4 Liftoff mRNA    26865109        26883766        .       +
        .
ID=Smp_336140.1;Parent=Smp_336140;geneID=Smp_336140;product=5-
hydroxytryptamine receptor
7;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    26865109        26865712        .       +
        .       Parent=Smp_336140.1
SM_V9_4 Liftoff exon    26866010        26866886        .       +
        .       Parent=Smp_336140.1
SM_V9_4 Liftoff exon    26874356        26874453        .       +
        .       Parent=Smp_336140.1
SM_V9_4 Liftoff exon    26882361        26882856        .       +
        .       Parent=Smp_336140.1
SM_V9_4 Liftoff exon    26882890        26883766        .       +
        .       Parent=Smp_336140.1
SM_V9_4 Liftoff CDS     26865367        26865712        .       +
        0       Parent=Smp_336140.1
SM_V9_4 Liftoff CDS     26866010        26866886        .       +
        2       Parent=Smp_336140.1
SM_V9_4 Liftoff CDS     26874356        26874453        .       +
        1       Parent=Smp_336140.1
SM_V9_4 Liftoff CDS     26882361        26882856        .       +
        2       Parent=Smp_336140.1
SM_V9_4 Liftoff CDS     26882890        26883451        .       +
        1       Parent=Smp_336140.1
SM_V9_4 Liftoff gene    26893421        26894830        .       -
        .       ID=Smp_348040;geneID=Smp_348040
SM_V9_4 Liftoff mRNA    26893421        26894830        .       -
        .
ID=Smp_348040.1;Parent=Smp_348040;geneID=Smp_348040;product=Putative
tyramine receptor 2;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    26893421        26894830        .       -
        .       Parent=Smp_348040.1
SM_V9_4 Liftoff CDS     26893421        26894830        .       -
```

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        0       Parent=Smp_348040.1
SM_V9_4 iris    gene    26903181        26904862        .       +
        .
ID=Smp_043290;geneID=Smp_043290;gene_name=Smp_043290;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    26903181        26904862        .       +
        .
ID=Smp_043290.1;Parent=Smp_043290;geneID=Smp_043290;gene_name=Smp_04
3290;owner=irisadmin@local.host;orig_id=Smp_043290.1;date_last_modif
ied=2022-08-19;Name=Smp_043290.1;product=D(2) dopamine
receptor;date_creation=2022-08-19
SM_V9_4 iris    exon    26903181        26904862        .       +
        .       Parent=Smp_043290.1;Name=Smp_043290.1-CDS
SM_V9_4 iris    CDS     26903273        26904766        .       +
        0       Parent=Smp_043290.1
SM_V9_4 iris    gene    26922907        26924467        .       -
        .
ID=Smp_043300;geneID=Smp_043300;gene_name=Smp_043300;owner=irisadmin
@local.host;date_last_modified=2022-11-10;date_creation=2022-11-10
SM_V9_4 iris    mRNA    26922907        26924467        .       -
        .
ID=Smp_043300.1;Parent=Smp_043300;geneID=Smp_043300;gene_name=Smp_04
3300;owner=irisadmin@local.host;orig_id=Smp_043300.1;date_last_modif
ied=2022-11-10;Name=Smp_043300.1;product=Octopamine
receptor;date_creation=2022-11-10
SM_V9_4 iris    exon    26922907        26923516        .       -
        .       Parent=Smp_043300.1;Name=0df8db37-
b72d-4cc9-9afe-56a00a7bf0e8
SM_V9_4 iris    exon    26923518        26924467        .       -
        .       Parent=Smp_043300.1;Name=0a29d37f-6d72-42c0-b0ad-
ecaf9bd0e3fe
SM_V9_4 iris    CDS     26922907        26923516        .       -
        1       Parent=Smp_043300.1
SM_V9_4 iris    CDS     26923518        26924467        .       -
        0       Parent=Smp_043300.1
SM_V9_4 iris    gene    26944766        26946640        .       +
        .
ID=Smp_348050;geneID=Smp_348050;gene_name=Smp_348050;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    26944766        26946640        .       +
        .
ID=Smp_348050.1;Parent=Smp_348050;geneID=Smp_348050;gene_name=Smp_34
8050;owner=irisadmin@local.host;orig_id=Smp_348050.1;date_last_modif
ied=2022-08-19;Name=Smp_348050.1;product=Tyramine/octopamine
receptor;date_creation=2022-08-19
SM_V9_4 iris    exon    26944766        26946640        .       +
        .       Parent=Smp_348050.1;Name=Smp_348050.1-CDS
SM_V9_4 iris    CDS     26944921        26946570        .       +
        0       Parent=Smp_348050.1
SM_V9_4 iris    gene    26957594        26958787        .       -
        .
ID=Smp_332070;geneID=Smp_332070;gene_name=Smp_332070;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    26957594        26958787        .       -
```

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        .
ID=Smp_332070.1;Parent=Smp_332070;geneID=Smp_332070;gene_name=Smp_33
2070;owner=irisadmin@local.host;orig_id=Smp_332070.1;date_last_modif
ied=2022-08-19;Name=Smp_332070.1;product=5-hydroxytryptamine
receptor 1A-alpha;date_creation=2022-08-19
SM_V9_4 iris    exon    26957594        26958787        .       -
        .       Parent=Smp_332070.1;Name=89618150-2ee7-44ed-
b8ee-130b8d0869a6
SM_V9_4 iris    CDS     26957656        26958624        .       -
        0       Parent=Smp_332070.1
SM_V9_4 Liftoff gene    26969640        26971244        .       +
        .       ID=Smp_043320;geneID=Smp_043320
SM_V9_4 Liftoff mRNA    26969640        26971244        .       +
        .
ID=Smp_043320.1;Parent=Smp_043320;geneID=Smp_043320;product=Octopami
ne receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    26969640        26971244        .       +
        .       Parent=Smp_043320.1
SM_V9_4 Liftoff CDS     26969640        26971244        .       +
        0       Parent=Smp_043320.1
SM_V9_4 Liftoff gene    26990899        26992733        .       +
        .       ID=Smp_043340;geneID=Smp_043340
SM_V9_4 Liftoff mRNA    26990899        26992733        .       +
        .
ID=Smp_043340.1;Parent=Smp_043340;geneID=Smp_043340;product=D(2)
dopamine receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    26990899        26992733        .       +
        .       Parent=Smp_043340.1
SM_V9_4 Liftoff CDS     26990949        26992604        .       +
        0       Parent=Smp_043340.1
SM_V9_4 Liftoff gene    26999130        27013215        .       -
        .       ID=Smp_043350;geneID=Smp_043350
SM_V9_4 Liftoff mRNA    26999130        27013215        .       -
        .
ID=Smp_043350.1;Parent=Smp_043350;geneID=Smp_043350;product=UDP-N-
acetylhexosamine pyrophosphorylase-like protein
1;polypeptide_domain=InterPro:IPR002618,IPR029044
Pfam:PF01704;Ontology_term=GO:0008152,GO:0070569
SM_V9_4 Liftoff exon    26999130        26999737        .       -
        .       Parent=Smp_043350.1
SM_V9_4 Liftoff exon    27003556        27003802        .       -
        .       Parent=Smp_043350.1
SM_V9_4 Liftoff exon    27006137        27006456        .       -
        .       Parent=Smp_043350.1
SM_V9_4 Liftoff exon    27007349        27007587        .       -
        .       Parent=Smp_043350.1
SM_V9_4 Liftoff exon    27009116        27009291        .       -
        .       Parent=Smp_043350.1
SM_V9_4 Liftoff exon    27011434        27011638        .       -
        .       Parent=Smp_043350.1
SM_V9_4 Liftoff exon    27011677        27011800        .       -
        .       Parent=Smp_043350.1
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SM_V9_4 Liftoff exon    27012911        27013215        .       -
        .       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     26999627        26999737        .       -
        0       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     27003556        27003802        .       -
        1       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     27006137        27006456        .       -
        0       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     27007349        27007587        .       -
        2       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     27009116        27009291        .       -
        1       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     27011434        27011638        .       -
        2       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     27011677        27011800        .       -
        0       Parent=Smp_043350.1
SM_V9_4 Liftoff CDS     27012911        27013057        .       -
        0       Parent=Smp_043350.1
SM_V9_4 iris    gene    27037293        27043846        .       -
        .
ID=Smp_043360;geneID=Smp_043360;gene_name=Smp_043360;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    27037293        27043846        .       -
        .
ID=Smp_043360.1;Parent=Smp_043360;geneID=Smp_043360;gene_name=Smp_04
3360;owner=irisadmin@local.host;orig_id=Smp_043360.1;date_last_modif
ied=2022-07-24;Name=Smp_043360.1;product=INO80 complex subunit
D;date_creation=2022-07-24
SM_V9_4 iris    exon    27037293        27037961        .       -
        .       Parent=Smp_043360.1;Name=89827122-67c6-42f0-ba7d-
eb4875ca4e5f
SM_V9_4 iris    exon    27042617        27042835        .       -
        .
Parent=Smp_043360.1;Name=5bc671d7-2f1a-4324-98ee-54d99346f987
SM_V9_4 iris    exon    27043629        27043846        .       -
        .       Parent=Smp_043360.1;Name=d7176a06-4cff-4da5-
ada5-4d8548b144bc
SM_V9_4 iris    CDS     27037866        27037961        .       -
        0       Parent=Smp_043360.1
SM_V9_4 iris    CDS     27042617        27042832        .       -
        0       Parent=Smp_043360.1
SM_V9_4 Liftoff gene    27160199        27181875        .       -
        .       ID=Smp_145540;geneID=Smp_145540
SM_V9_4 Liftoff mRNA    27160199        27181875        .       -
        .
ID=Smp_145540.1;Parent=Smp_145540;geneID=Smp_145540;product=Probable
muscarinic acetylcholine receptor gar-2;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    27160199        27181875        .       -
        .       Parent=Smp_145540.1
SM_V9_4 Liftoff CDS     27160858        27163674        .       -
        0       Parent=Smp_145540.1
SM_V9_4 Liftoff gene    27182129        27185203        .       +
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        .       ID=Smp_329530;geneID=Smp_329530
SM_V9_4 Liftoff mRNA    27182129        27185203        .       +
        .
ID=Smp_329530.1;Parent=Smp_329530;geneID=Smp_329530;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    27182129        27185203        .       +
        .       Parent=Smp_329530.1
SM_V9_4 Liftoff CDS     27184860        27185063        .       +
        0       Parent=Smp_329530.1
SM_V9_4 iris    gene    27257108        27257525        .       -
        .
ID=Smp_053700;geneID=Smp_053700;gene_name=Smp_053700;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    27257108        27257525        .       -
        .
ID=Smp_053700.1;Parent=Smp_053700;geneID=Smp_053700;gene_name=Smp_05
3700;owner=irisadmin@local.host;orig_id=Smp_053700.1;date_last_modif
ied=2022-07-24;Name=Smp_053700.1;product=Cytochrome b-c1 complex
subunit 8;date_creation=2022-07-24
SM_V9_4 iris    exon    27257108        27257315        .       -
        .
Parent=Smp_053700.1;Name=4b1fc18e-65f8-49b7-90d4-479b48c154a7
SM_V9_4 iris    exon    27257354        27257525        .       -
        .       Parent=Smp_053700.1;Name=ba259345-3c5e-4e81-91c7-
e8f3dff6a02c
SM_V9_4 iris    CDS     27257230        27257315        .       -
        2       Parent=Smp_053700.1
SM_V9_4 iris    CDS     27257354        27257501        .       -
        0       Parent=Smp_053700.1
SM_V9_4 Liftoff gene    27271917        27290916        .       +
        .       ID=Smp_150890;geneID=Smp_150890
SM_V9_4 Liftoff mRNA    27271917        27290916        .       +
        .
ID=Smp_150890.1;Parent=Smp_150890;geneID=Smp_150890;product=Potentia
l E3 ubiquitin-protein ligase
ariadne-2;polypeptide_domain=InterPro:IPR002867,IPR013083
Pfam:PF01485
SM_V9_4 Liftoff exon    27271917        27272080        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff exon    27272119        27272230        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff exon    27276808        27277042        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff exon    27279263        27279798        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff exon    27281536        27281817        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff exon    27284680        27284725        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff exon    27286994        27287121        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff exon    27289930        27290916        .       +
        .       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27271989        27272080        .       +
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        0       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27272119        27272230        .       +
        1       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27276808        27277042        .       +
        0       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27279263        27279798        .       +
        2       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27281536        27281817        .       +
        0       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27284680        27284725        .       +
        0       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27286994        27287121        .       +
        2       Parent=Smp_150890.1
SM_V9_4 Liftoff CDS     27289930        27290298        .       +
        0       Parent=Smp_150890.1
SM_V9_4 iris    gene    27292743        27336262        .       -
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ID=Smp_247810;geneID=Smp_247810;gene_name=Smp_247810;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    27292743        27336262        .       -
        .
ID=Smp_247810.1;Parent=Smp_247810;geneID=Smp_247810;gene_name=Smp_24
7810;owner=irisadmin@local.host;orig_id=Smp_247810.1;date_last_modif
ied=2022-07-24;Name=Smp_247810.1;product=Bifunctional protein
GlmU;date_creation=2022-07-24
SM_V9_4 iris    exon    27292743        27293140        .       -
        .       Parent=Smp_247810.1;Name=34151e3b-4914-4a65-9f12-
f7c8d7a5e41a
SM_V9_4 iris    exon    27294262        27294406        .       -
        .       Parent=Smp_247810.1;Name=0bd770ea-
f3b6-49ef-8dc3-98871a3885ed
SM_V9_4 iris    exon    27294448        27294554        .       -
        .       Parent=Smp_247810.1;Name=e0e5c8a8-d820-4579-
a162-6c3812cbe279
SM_V9_4 iris    exon    27299524        27300000        .       -
        .       Parent=Smp_247810.1;Name=b03b907b-c229-41f1-8b0b-
aef532da1c49
SM_V9_4 iris    exon    27301237        27301365        .       -
        .       Parent=Smp_247810.1;Name=52e4a959-ad00-444a-
b49b-2437c0be7f06
SM_V9_4 iris    exon    27303206        27303297        .       -
        .       Parent=Smp_247810.1;Name=e6c91a1c-112d-4266-
a2a5-2644b57c99c8
SM_V9_4 iris    exon    27307717        27307966        .       -
        .       Parent=Smp_247810.1;Name=ba936637-b0a8-4326-
b74a-747ba59381cf
SM_V9_4 iris    exon    27308748        27308855        .       -
        .       Parent=Smp_247810.1;Name=52553129-eee2-4258-
b9a1-37e08ae9f3e3
SM_V9_4 iris    exon    27309943        27310162        .       -
        .       Parent=Smp_247810.1;Name=f04a814e-2209-4b3d-
ab62-41b96e6efe8e
SM_V9_4 iris    exon    27311251        27311351        .       -
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Parent=Smp_247810.1;Name=4be2b3c5-12be-4205-90fa-582f7d150e61
SM_V9_4 iris    exon    27311846        27311957        .       -
        .       Parent=Smp_247810.1;Name=c7bc0bf0-
b2aa-444b-9bfa-8750c3a634ed
SM_V9_4 iris    exon    27312664        27312758        .       -
        .       Parent=Smp_247810.1;Name=814a8382-0240-4476-
a308-5c911d908a71
SM_V9_4 iris    exon    27322346        27322420        .       -
        .       Parent=Smp_247810.1;Name=7f0732de-d342-435b-
bf4d-026b33f6a8fa
SM_V9_4 iris    exon    27326274        27326347        .       -
        .       Parent=Smp_247810.1;Name=1d62dfa6-
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SM_V9_4 iris    exon    27327696        27328236        .       -
        .       Parent=Smp_247810.1;Name=ba84f331-069c-4ff1-a442-
c607475ad718
SM_V9_4 iris    exon    27335853        27336262        .       -
        .
Parent=Smp_247810.1;Name=b5ef97af-6797-4dc0-8864-9c51bd7015a4
SM_V9_4 iris    CDS     27292893        27293140        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27294262        27294406        .       -
        0       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27294448        27294554        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27299524        27300000        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27301237        27301365        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27303206        27303297        .       -
        1       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27307717        27307966        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27308748        27308855        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27309943        27310162        .       -
        0       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27311251        27311351        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27311846        27311957        .       -
        0       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27312664        27312758        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27322346        27322420        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27326274        27326347        .       -
        1       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27327696        27328236        .       -
        2       Parent=Smp_247810.1
SM_V9_4 iris    CDS     27335853        27335904        .       -
        0       Parent=Smp_247810.1
SM_V9_4 Liftoff gene    27361602        27376513        .       -
        .       ID=Smp_150870;geneID=Smp_150870
SM_V9_4 Liftoff mRNA    27361602        27376513        .       -
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ID=Smp_150870.1;Parent=Smp_150870;geneID=Smp_150870;product=Leucine-
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27;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    27361602        27362323        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27364936        27365074        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27368339        27368498        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27369726        27369826        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27372062        27372232        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27373817        27374348        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27375740        27375886        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27375918        27376107        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff exon    27376148        27376513        .       -
        .       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27362240        27362323        .       -
        0       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27364936        27365074        .       -
        1       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27368339        27368498        .       -
        2       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27369726        27369826        .       -
        1       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27372062        27372232        .       -
        1       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27373817        27374348        .       -
        2       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27375740        27375886        .       -
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SM_V9_4 Liftoff CDS     27375918        27376107        .       -
        0       Parent=Smp_150870.1
SM_V9_4 Liftoff CDS     27376148        27376324        .       -
        0       Parent=Smp_150870.1
SM_V9_4 Liftoff gene    27436577        27443142        .       +
        .       ID=Smp_329550;geneID=Smp_329550
SM_V9_4 Liftoff mRNA    27436577        27443142        .       +
        .
ID=Smp_329550.1;Parent=Smp_329550;geneID=Smp_329550;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    27436577        27440304        .       +
        .       Parent=Smp_329550.1
SM_V9_4 Liftoff exon    27441155        27441368        .       +
        .       Parent=Smp_329550.1
SM_V9_4 Liftoff exon    27442601        27443142        .       +
        .       Parent=Smp_329550.1
SM_V9_4 Liftoff CDS     27440294        27440304        .       +
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        0       Parent=Smp_329550.1
SM_V9_4 Liftoff CDS     27441155        27441368        .       +
        1       Parent=Smp_329550.1
SM_V9_4 Liftoff CDS     27442601        27442618        .       +
        0       Parent=Smp_329550.1
SM_V9_4 Liftoff mRNA    27436577        27443142        .       +
        .
ID=Smp_329550.2;Parent=Smp_329550;geneID=Smp_329550;product=Ferredox
in-dependent glutamate synthase
SM_V9_4 Liftoff exon    27436577        27440304        .       +
        .       Parent=Smp_329550.2
SM_V9_4 Liftoff exon    27441155        27441368        .       +
        .       Parent=Smp_329550.2
SM_V9_4 Liftoff exon    27441415        27443142        .       +
        .       Parent=Smp_329550.2
SM_V9_4 Liftoff CDS     27440294        27440304        .       +
        0       Parent=Smp_329550.2
SM_V9_4 Liftoff CDS     27441155        27441368        .       +
        1       Parent=Smp_329550.2
SM_V9_4 Liftoff CDS     27441415        27441420        .       +
        0       Parent=Smp_329550.2
SM_V9_4 Liftoff gene    27476962        27484811        .       -
        .       ID=Smp_053640;geneID=Smp_053640
SM_V9_4 Liftoff mRNA    27476962        27484811        .       -
        .
ID=Smp_053640.1;Parent=Smp_053640;geneID=Smp_053640;product=ARF
guanine-nucleotide exchange factor GNOM
SM_V9_4 Liftoff exon    27476962        27477738        .       -
        .       Parent=Smp_053640.1
SM_V9_4 Liftoff exon    27477941        27478280        .       -
        .       Parent=Smp_053640.1
SM_V9_4 Liftoff exon    27480969        27481599        .       -
        .       Parent=Smp_053640.1
SM_V9_4 Liftoff exon    27481799        27482041        .       -
        .       Parent=Smp_053640.1
SM_V9_4 Liftoff exon    27482508        27482644        .       -
        .       Parent=Smp_053640.1
SM_V9_4 Liftoff exon    27484699        27484811        .       -
        .       Parent=Smp_053640.1
SM_V9_4 Liftoff CDS     27477579        27477738        .       -
        1       Parent=Smp_053640.1
SM_V9_4 Liftoff CDS     27477941        27478280        .       -
        2       Parent=Smp_053640.1
SM_V9_4 Liftoff CDS     27480969        27481599        .       -
        0       Parent=Smp_053640.1
SM_V9_4 Liftoff CDS     27481799        27482041        .       -
        0       Parent=Smp_053640.1
SM_V9_4 Liftoff CDS     27482508        27482644        .       -
        2       Parent=Smp_053640.1
SM_V9_4 Liftoff CDS     27484699        27484774        .       -
        0       Parent=Smp_053640.1
SM_V9_4 Liftoff mRNA    27477424        27482640        .       -
        .
ID=Smp_053640.2;Parent=Smp_053640;geneID=Smp_053640;product=ARF
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guanine-nucleotide exchange factor GNOM
SM_V9_4 Liftoff exon    27477424        27477738        .       -
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SM_V9_4 Liftoff exon    27477941        27478280        .       -
        .       Parent=Smp_053640.2
SM_V9_4 Liftoff exon    27480969        27481599        .       -
        .       Parent=Smp_053640.2
SM_V9_4 Liftoff exon    27481799        27482041        .       -
        .       Parent=Smp_053640.2
SM_V9_4 Liftoff exon    27482508        27482640        .       -
        .       Parent=Smp_053640.2
SM_V9_4 Liftoff CDS     27477579        27477738        .       -
        1       Parent=Smp_053640.2
SM_V9_4 Liftoff CDS     27477941        27478280        .       -
        2       Parent=Smp_053640.2
SM_V9_4 Liftoff CDS     27480969        27481599        .       -
        0       Parent=Smp_053640.2
SM_V9_4 Liftoff CDS     27481799        27482041        .       -
        0       Parent=Smp_053640.2
SM_V9_4 Liftoff CDS     27482508        27482600        .       -
        0       Parent=Smp_053640.2
SM_V9_4 Liftoff gene    27494237        27532959        .       +
        .       ID=Smp_150860;geneID=Smp_150860
SM_V9_4 Liftoff mRNA    27494237        27532959        .       +
        .
ID=Smp_150860.1;Parent=Smp_150860;geneID=Smp_150860;product=Dual
specificity tyrosine-phosphorylation-regulated kinase
2;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_4 Liftoff exon    27494237        27495834        .       +
        .       Parent=Smp_150860.1
SM_V9_4 Liftoff exon    27521647        27521876        .       +
        .       Parent=Smp_150860.1
SM_V9_4 Liftoff exon    27530007        27530725        .       +
        .       Parent=Smp_150860.1
SM_V9_4 Liftoff exon    27531849        27532959        .       +
        .       Parent=Smp_150860.1
SM_V9_4 Liftoff CDS     27494303        27495834        .       +
        0       Parent=Smp_150860.1
SM_V9_4 Liftoff CDS     27521647        27521876        .       +
        1       Parent=Smp_150860.1
SM_V9_4 Liftoff CDS     27530007        27530725        .       +
        2       Parent=Smp_150860.1
SM_V9_4 Liftoff CDS     27531849        27532490        .       +
        0       Parent=Smp_150860.1
SM_V9_4 Liftoff gene    27574228        27591693        .       -
        .       ID=Smp_053610;geneID=Smp_053610
SM_V9_4 Liftoff mRNA    27574228        27591693        .       -
        .
ID=Smp_053610.1;Parent=Smp_053610;geneID=Smp_053610;product=Serine--
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cytoplasmic;polypeptide_domain=InterPro:IPR002314,IPR002317,IPR00619
5,IPR010978,IPR015866,IPR033729
Pfam:PF00587,PF02403;Ontology_term=GO:0000166,GO:0004812,GO:0004828,
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GO:0005524,GO:0005737,GO:0006418,GO:0006434
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SM_V9_4 Liftoff exon    27576656        27576785        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27577389        27577586        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27578315        27578404        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27581836        27582081        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27583503        27583658        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27585452        27585592        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27591077        27591235        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27591266        27591352        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27591385        27591455        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff exon    27591488        27591693        .       -
        .       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27574331        27574776        .       -
        2       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27576656        27576785        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27577389        27577586        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27578315        27578404        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27581836        27582081        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27583503        27583658        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27585452        27585592        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27591077        27591235        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27591266        27591352        .       -
        0       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27591385        27591455        .       -
        2       Parent=Smp_053610.1
SM_V9_4 Liftoff CDS     27591488        27591623        .       -
        0       Parent=Smp_053610.1
SM_V9_4 iris    gene    27596425        27641483        .       -
        .
ID=Smp_150850;geneID=Smp_150850;gene_name=Smp_150850;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    27596425        27641483        .       -
        .
ID=Smp_150850.1;Parent=Smp_150850;geneID=Smp_150850;gene_name=Smp_15
0850;owner=irisadmin@local.host;orig_id=Smp_150850.1;date_last_modif
ied=2022-07-24;Name=Smp_150850.1;product=Histone-lysine N-
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methyltransferase eggless;date_creation=2022-07-24
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cfa1faf92a04
SM_V9_4 iris    exon    27600322        27600718        .       -
        .       Parent=Smp_150850.1;Name=1adf3242-f816-42d0-b2fa-
ea2b192608e5
SM_V9_4 iris    exon    27601833        27601882        .       -
        .       Parent=Smp_150850.1;Name=c68d34ca-84ca-4bf0-
b2d1-3e791b442db9
SM_V9_4 iris    exon    27602333        27602529        .       -
        .       Parent=Smp_150850.1;Name=5b9d7ae2-
f735-4111-9828-2908a61d0ac3
SM_V9_4 iris    exon    27603963        27604170        .       -
        .       Parent=Smp_150850.1;Name=9f74b496-e0dc-492f-
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SM_V9_4 iris    exon    27605286        27606840        .       -
        .       Parent=Smp_150850.1;Name=cc151ce7-b548-44c6-
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        .
Parent=Smp_150850.1;Name=8d25674b-1986-47f9-8ec2-9a8516252bc6
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a2c6afd14611
SM_V9_4 iris    exon    27614506        27614725        .       -
        .       Parent=Smp_150850.1;Name=f3216cd7-8475-42d3-
bb53-9f357db17b87
SM_V9_4 iris    exon    27616095        27616284        .       -
        .
Parent=Smp_150850.1;Name=8b5fe4fa-5738-491d-82b5-0708164d5637
SM_V9_4 iris    exon    27618514        27618655        .       -
        .
Parent=Smp_150850.1;Name=1bdc77de-78e4-4f49-9969-38118566fe08
SM_V9_4 iris    exon    27625401        27625715        .       -
        .       Parent=Smp_150850.1;Name=d60ac92e-e0a9-4125-
a879-36ba4e5210d3
SM_V9_4 iris    exon    27627843        27627915        .       -
        .       Parent=Smp_150850.1;Name=7f5f1a96-6b25-4b79-89d0-
ab9be41e0889
SM_V9_4 iris    exon    27629860        27630036        .       -
        .       Parent=Smp_150850.1;Name=9b850345-a917-468a-
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SM_V9_4 iris    exon    27630841        27630914        .       -
        .
Parent=Smp_150850.1;Name=da54f44c-1a21-4b9e-8c5f-8c860aa48a9a
SM_V9_4 iris    exon    27630952        27631025        .       -
        .       Parent=Smp_150850.1;Name=20fc6245-
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SM_V9_4 iris    exon    27631076        27631157        .       -
        .       Parent=Smp_150850.1;Name=9a2e78b7-d977-4ffa-
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SM_V9_4 iris    exon    27633324        27633601        .       -
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a58b-7a9a3968a316
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        .       Parent=Smp_150850.1;Name=fdbb73a9-edc8-4615-bac4-
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SM_V9_4 iris    exon    27635097        27635189        .       -
        .       Parent=Smp_150850.1;Name=c00edeff-e111-40f8-
a438-198db059d6c9
SM_V9_4 iris    exon    27635232        27635454        .       -
        .
Parent=Smp_150850.1;Name=175d1e36-5eb4-4a14-877a-0f34613ae6b4
SM_V9_4 iris    exon    27635499        27635645        .       -
        .       Parent=Smp_150850.1;Name=0add7de0-
faa8-48dd-8390-6af9bf7a6381
SM_V9_4 iris    exon    27641391        27641483        .       -
        .       Parent=Smp_150850.1;Name=2a9fa741-e140-4c6c-
b96e-4d0d9ba875a4
SM_V9_4 iris    CDS     27602373        27602529        .       -
        1       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27603963        27604170        .       -
        2       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27605286        27606840        .       -
        0       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27611908        27612001        .       -
        1       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27613488        27613683        .       -
        2       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27614506        27614725        .       -
        0       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27616095        27616284        .       -
        1       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27618514        27618655        .       -
        2       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27625401        27625715        .       -
        2       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27627843        27627915        .       -
        0       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27629860        27630036        .       -
        0       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27630841        27630914        .       -
        2       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27630952        27631025        .       -
        1       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27631076        27631157        .       -
        2       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27633324        27633601        .       -
        1       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27634027        27634107        .       -
        1       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27635097        27635189        .       -
        1       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27635232        27635454        .       -
        2       Parent=Smp_150850.1
SM_V9_4 iris    CDS     27635499        27635637        .       -
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@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
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       .
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ied=2022-07-24;Name=Smp_150840.1;product=Cell growth-regulating
nucleolar protein;date_creation=2022-07-24
SM_V9_4 iris    exon    27655559        27655715        .       +
       .       Parent=Smp_150840.1;Name=8fe0c2a3-
e8e4-45d6-84f8-5379bd329171
SM_V9_4 iris    exon    27655750        27655972        .       +
       .       Parent=Smp_150840.1;Name=692a0425-eecf-424e-
a0c0-5f5bea2c86cc
SM_V9_4 iris    exon    27656005        27656304        .       +
       .       Parent=Smp_150840.1;Name=d73bcf55-bc9c-460b-8d48-
c1f810d40de3
SM_V9_4 iris    exon    27661224        27661395        .       +
       .       Parent=Smp_150840.1;Name=6fdf490b-595b-4c2b-
bfff-53e9d21d57f7
SM_V9_4 iris    exon    27661441        27661568        .       +
       .       Parent=Smp_150840.1;Name=7b826c00-fd46-40d4-
b336-6ef2820b2ddc
SM_V9_4 iris    exon    27663381        27663604        .       +
       .       Parent=Smp_150840.1;Name=b855dd2d-
b354-45df-97a6-68b647f3ffb0
SM_V9_4 iris    CDS     27655594        27655715        .       +
       0       Parent=Smp_150840.1
SM_V9_4 iris    CDS     27655750        27655972        .       +
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SM_V9_4 iris    CDS     27656005        27656304        .       +
       0       Parent=Smp_150840.1
SM_V9_4 iris    CDS     27661224        27661395        .       +
       0       Parent=Smp_150840.1
SM_V9_4 iris    CDS     27661441        27661568        .       +
       2       Parent=Smp_150840.1
SM_V9_4 iris    CDS     27663381        27663485        .       +
       0       Parent=Smp_150840.1
SM_V9_4 iris    gene    27668286        27712781        .       -
       .
ID=Smp_313310;geneID=Smp_313310;gene_name=Smp_313310;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    27668286        27712781        .       -
       .
ID=Smp_313310.1;Parent=Smp_313310;geneID=Smp_313310;gene_name=Smp_31
3310;owner=irisadmin@local.host;orig_id=Smp_313310.1;date_last_modif
ied=2022-07-24;Name=Smp_313310.1;product=EF-hand calcium-binding
domain-containing protein 4B;date_creation=2022-07-24
SM_V9_4 iris    exon    27668286        27668754        .       -
       .
Parent=Smp_313310.1;Name=2aa8a2e4-8b9e-4873-9d5c-804c213d5222
SM_V9_4 iris    exon    27670531        27670607        .       -
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        .       Parent=Smp_313310.1;Name=68e8c305-8e98-43eb-
b421-358a9df094f3
SM_V9_4 iris    exon    27672126        27672354        .       -
        .       Parent=Smp_313310.1;Name=fcaa52fa-
c19f-4c4f-895b-90dff1d0e2df
SM_V9_4 iris    exon    27678933        27679138        .       -
        .       Parent=Smp_313310.1;Name=303a2c4f-ae58-40b3-
a905-92181bed6a77
SM_V9_4 iris    exon    27679851        27679911        .       -
        .       Parent=Smp_313310.1;Name=7d98c6a6-ec40-4242-8239-
ad2d6be4b794
SM_V9_4 iris    exon    27680902        27680995        .       -
        .       Parent=Smp_313310.1;Name=27d98a02-7057-4a63-
a77e-055d44ea41b6
SM_V9_4 iris    exon    27681046        27681125        .       -
        .       Parent=Smp_313310.1;Name=9fc7678b-5fcb-4bb1-8520-
a7947d5c9e5b
SM_V9_4 iris    exon    27682085        27682357        .       -
        .       Parent=Smp_313310.1;Name=561ea816-024c-48e3-
a83d-041ddaa8b6e4
SM_V9_4 iris    exon    27689636        27689895        .       -
        .       Parent=Smp_313310.1;Name=f95bd5df-0545-4108-ab11-
a470f180a9ec
SM_V9_4 iris    exon    27692945        27693040        .       -
        .       Parent=Smp_313310.1;Name=cda14129-130c-4057-a22f-
f0383a067724
SM_V9_4 iris    exon    27694894        27694984        .       -
        .       Parent=Smp_313310.1;Name=0247be17-63cb-41a3-9ff6-
f1d155f227ef
SM_V9_4 iris    exon    27703937        27704083        .       -
        .       Parent=Smp_313310.1;Name=742ac0db-9dd6-4d6a-
a961-04f98daab9f6
SM_V9_4 iris    exon    27705291        27705399        .       -
        .       Parent=Smp_313310.1;Name=a704552c-4f51-44c9-
be43-2e1023a740a1
SM_V9_4 iris    exon    27712393        27712781        .       -
        .       Parent=Smp_313310.1;Name=720235d0-46ff-4a7a-
a51c-824fd571674d
SM_V9_4 iris    CDS     27668664        27668754        .       -
        1       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27670531        27670607        .       -
        0       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27672126        27672354        .       -
        1       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27678933        27679138        .       -
        0       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27679851        27679911        .       -
        1       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27680902        27680995        .       -
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SM_V9_4 iris    CDS     27681046        27681125        .       -
        1       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27682085        27682357        .       -
        1       Parent=Smp_313310.1
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SM_V9_4 iris    CDS     27689636        27689895        .       -
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        0       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27694894        27694984        .       -
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SM_V9_4 iris    CDS     27703937        27704083        .       -
        1       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27705291        27705399        .       -
        2       Parent=Smp_313310.1
SM_V9_4 iris    CDS     27712393        27712603        .       -
        0       Parent=Smp_313310.1
SM_V9_4 iris    gene    27747688        27751913        .       -
        .
ID=Smp_053560;geneID=Smp_053560;gene_name=Smp_053560;owner=irisadmin
@local.host;date_last_modified=2022-07-24;date_creation=2022-07-24
SM_V9_4 iris    mRNA    27747688        27751913        .       -
        .
ID=Smp_053560.1;Parent=Smp_053560;geneID=Smp_053560;gene_name=Smp_05
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ied=2022-07-24;Name=Smp_053560.1;product=MAP kinase-activated
protein kinase 2;date_creation=2022-07-24
SM_V9_4 iris    exon    27747688        27748207        .       -
        .       Parent=Smp_053560.1;Name=421f38b0-cd01-467a-ac72-
a715ebd04fe4
SM_V9_4 iris    exon    27749262        27749422        .       -
        .
Parent=Smp_053560.1;Name=f3373545-0da5-48a7-8934-005998208060
SM_V9_4 iris    exon    27750911        27751035        .       -
        .
Parent=Smp_053560.1;Name=71a60211-9eed-4a64-846f-413bbde1c488
SM_V9_4 iris    exon    27751068        27751143        .       -
        .
Parent=Smp_053560.1;Name=ecf06208-5dea-4c13-9d26-8bbc77a876a6
SM_V9_4 iris    exon    27751184        27751310        .       -
        .       Parent=Smp_053560.1;Name=bb41d462-6c8c-458f-af1e-
a3c461fa68cb
SM_V9_4 iris    exon    27751344        27751423        .       -
        .       Parent=Smp_053560.1;Name=38087589-ccd8-4c6b-a4a2-
a67b9085b4d2
SM_V9_4 iris    exon    27751457        27751661        .       -
        .       Parent=Smp_053560.1;Name=965dd0b4-9b24-4d63-81dd-
a8eb3358d3ef
SM_V9_4 iris    exon    27751696        27751913        .       -
        .       Parent=Smp_053560.1;Name=3af5b1bb-7b49-446f-a82d-
c7b88bf4e9fe
SM_V9_4 iris    CDS     27748052        27748207        .       -
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SM_V9_4 iris    CDS     27749262        27749422        .       -
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SM_V9_4 iris    CDS     27750911        27751035        .       -
        1       Parent=Smp_053560.1
SM_V9_4 iris    CDS     27751068        27751143        .       -
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SM_V9_4 iris    CDS     27751344        27751423        .       -
        2       Parent=Smp_053560.1
SM_V9_4 iris    CDS     27751457        27751661        .       -
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SM_V9_4 iris    CDS     27751696        27751839        .       -
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SM_V9_4 Liftoff gene    27757657        27760679        .       +
        .       ID=Smp_053550;geneID=Smp_053550
SM_V9_4 Liftoff mRNA    27757657        27760675        .       +
        .
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phosphodiesterase;polypeptide_domain=InterPro:IPR027521
Pfam:PF09749;Ontology_term=GO:0004518,GO:0034477
SM_V9_4 Liftoff exon    27757657        27759938        .       +
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SM_V9_4 Liftoff exon    27759971        27760157        .       +
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SM_V9_4 Liftoff exon    27760193        27760246        .       +
        .       Parent=Smp_053550.1
SM_V9_4 Liftoff exon    27760278        27760386        .       +
        .       Parent=Smp_053550.1
SM_V9_4 Liftoff exon    27760419        27760502        .       +
        .       Parent=Smp_053550.1
SM_V9_4 Liftoff exon    27760538        27760675        .       +
        .       Parent=Smp_053550.1
SM_V9_4 Liftoff CDS     27759740        27759938        .       +
        0       Parent=Smp_053550.1
SM_V9_4 Liftoff CDS     27759971        27760157        .       +
        2       Parent=Smp_053550.1
SM_V9_4 Liftoff CDS     27760193        27760246        .       +
        1       Parent=Smp_053550.1
SM_V9_4 Liftoff CDS     27760278        27760386        .       +
        1       Parent=Smp_053550.1
SM_V9_4 Liftoff CDS     27760419        27760502        .       +
        0       Parent=Smp_053550.1
SM_V9_4 Liftoff CDS     27760538        27760645        .       +
        0       Parent=Smp_053550.1
SM_V9_4 Liftoff mRNA    27757680        27760679        .       +
        .
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phosphodiesterase;polypeptide_domain=InterPro:IPR027521
Pfam:PF09749;Ontology_term=GO:0004518,GO:0034477
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        .       Parent=Smp_053550.2
SM_V9_4 Liftoff exon    27759971        27760157        .       +
        .       Parent=Smp_053550.2
SM_V9_4 Liftoff exon    27760193        27760246        .       +
        .       Parent=Smp_053550.2
SM_V9_4 Liftoff exon    27760278        27760386        .       +
        .       Parent=Smp_053550.2
SM_V9_4 Liftoff exon    27760419        27760502        .       +
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SM_V9_4 Liftoff CDS     27759971        27760157        .       +
        2       Parent=Smp_053550.2
SM_V9_4 Liftoff CDS     27760193        27760246        .       +
        1       Parent=Smp_053550.2
SM_V9_4 Liftoff CDS     27760278        27760386        .       +
        1       Parent=Smp_053550.2
SM_V9_4 Liftoff CDS     27760419        27760502        .       +
        0       Parent=Smp_053550.2
SM_V9_4 Liftoff CDS     27760538        27760645        .       +
        0       Parent=Smp_053550.2
SM_V9_4 Liftoff gene    27763621        27778236        .       -
        .
ID=Smp_213500;geneID=Smp_213500;previous_systematic_id=Smp_150820
SM_V9_4 Liftoff mRNA    27763621        27778236        .       -
        .
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coenzyme A thioesterase 8;polypeptide_domain=InterPro:IPR029069
Pfam:PF13622
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SM_V9_4 Liftoff exon    27769471        27769634        .       -
        .       Parent=Smp_213500.1
SM_V9_4 Liftoff exon    27774540        27774786        .       -
        .       Parent=Smp_213500.1
SM_V9_4 Liftoff exon    27777049        27777185        .       -
        .       Parent=Smp_213500.1
SM_V9_4 Liftoff exon    27778101        27778236        .       -
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SM_V9_4 Liftoff CDS     27763921        27764075        .       -
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SM_V9_4 Liftoff CDS     27765238        27765432        .       -
        2       Parent=Smp_213500.1
SM_V9_4 Liftoff CDS     27769471        27769634        .       -
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SM_V9_4 Liftoff CDS     27774540        27774786        .       -
        2       Parent=Smp_213500.1
SM_V9_4 Liftoff CDS     27777049        27777185        .       -
        1       Parent=Smp_213500.1
SM_V9_4 Liftoff CDS     27778101        27778168        .       -
        0       Parent=Smp_213500.1
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        .
ID=Smp_213510;geneID=Smp_213510;previous_systematic_id=Smp_150820
SM_V9_4 Liftoff mRNA    27778291        27812494        .       -
        .
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        .       Parent=Smp_213510.1
SM_V9_4 Liftoff exon    27789703        27789775        .       -
        .       Parent=Smp_213510.1
SM_V9_4 Liftoff exon    27791000        27791123        .       -
        .       Parent=Smp_213510.1
SM_V9_4 Liftoff exon    27794328        27794486        .       -
        .       Parent=Smp_213510.1
SM_V9_4 Liftoff exon    27795936        27796046        .       -
        .       Parent=Smp_213510.1
SM_V9_4 Liftoff exon    27796242        27796297        .       -
        .       Parent=Smp_213510.1
SM_V9_4 Liftoff exon    27803963        27804025        .       -
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SM_V9_4 Liftoff exon    27806705        27806753        .       -
        .       Parent=Smp_213510.1
SM_V9_4 Liftoff exon    27812201        27812494        .       -
        .       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27778357        27778458        .       -
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SM_V9_4 Liftoff CDS     27781220        27781384        .       -
        0       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27783871        27783940        .       -
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SM_V9_4 Liftoff CDS     27789703        27789775        .       -
        2       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27791000        27791123        .       -
        0       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27794328        27794486        .       -
        0       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27795936        27796046        .       -
        0       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27796242        27796297        .       -
        2       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27803963        27804025        .       -
        2       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27806705        27806753        .       -
        0       Parent=Smp_213510.1
SM_V9_4 Liftoff CDS     27812201        27812209        .       -
        0       Parent=Smp_213510.1
SM_V9_4 Liftoff mRNA    27778291        27812494        .       -
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ID=Smp_213510.2;Parent=Smp_213510;geneID=Smp_213510;product=Chaperon
e protein DnaK
SM_V9_4 Liftoff exon    27778291        27778458        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27781220        27781384        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27783871        27783940        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27789703        27789775        .       -
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SM_V9_4 Liftoff exon    27791000        27791123        .       -
        .       Parent=Smp_213510.2
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SM_V9_4 Liftoff exon    27795734        27795757        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27795936        27796046        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27796242        27796297        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27803963        27804025        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27806705        27806753        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff exon    27812201        27812494        .       -
        .       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27778357        27778458        .       -
        0       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27781220        27781384        .       -
        0       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27783871        27783940        .       -
        1       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27789703        27789775        .       -
        2       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27791000        27791123        .       -
        0       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27794328        27794486        .       -
        0       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27795734        27795757        .       -
        0       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27795936        27796046        .       -
        0       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27796242        27796297        .       -
        2       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27803963        27804025        .       -
        2       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27806705        27806753        .       -
        0       Parent=Smp_213510.2
SM_V9_4 Liftoff CDS     27812201        27812209        .       -
        0       Parent=Smp_213510.2
SM_V9_4 iris    gene    27855004        27874825        .       -
        .
ID=Smp_247800;geneID=Smp_247800;gene_name=Smp_247800;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    27855004        27874825        .       -
        .
ID=Smp_247800.1;Parent=Smp_247800;geneID=Smp_247800;gene_name=Smp_24
7800;owner=irisadmin@local.host;orig_id=Smp_247800.1;date_last_modif
ied=2022-07-23;Name=Smp_247800.1;product=Homeobox protein
aristaless-like 3;date_creation=2022-07-23
SM_V9_4 iris    exon    27855004        27856600        .       -
        .       Parent=Smp_247800.1;Name=e03813b6-da3e-4ad8-b47c-
e9787c2dc69f
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SM_V9_4 iris    exon    27871876        27872444        .       -
        .       Parent=Smp_247800.1;Name=2a877337-45f5-4d17-
afc1-4801f764b249
SM_V9_4 iris    exon    27874283        27874825        .       -
        .       Parent=Smp_247800.1;Name=e896b8d6-675b-4631-
b704-64866c780696
SM_V9_4 iris    CDS     27855146        27856600        .       -
        0       Parent=Smp_247800.1
SM_V9_4 iris    CDS     27871876        27872444        .       -
        2       Parent=Smp_247800.1
SM_V9_4 iris    CDS     27874283        27874385        .       -
        0       Parent=Smp_247800.1
SM_V9_4 Liftoff gene    27881419        27898920        .       -
        .       ID=Smp_053510;geneID=Smp_053510
SM_V9_4 Liftoff mRNA    27881419        27898920        .       -
        .
ID=Smp_053510.1;Parent=Smp_053510;geneID=Smp_053510;product=Aspartat
e--tRNA ligase,
cytoplasmic;polypeptide_domain=InterPro:IPR002312,IPR004364,IPR00436
5,IPR004523,IPR006195,IPR012340
Pfam:PF00152,PF01336;Ontology_term=GO:0000166,GO:0003676,GO:0004812,
GO:0004815,GO:0005524,GO:0005737,GO:0006418,GO:0006422
SM_V9_4 Liftoff exon    27881419        27881904        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27882411        27882482        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27883597        27883708        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27885052        27885253        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27885424        27885492        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27886463        27886629        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27892388        27892672        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27893322        27893502        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27898353        27898645        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff exon    27898689        27898920        .       -
        .       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27881813        27881904        .       -
        2       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27882411        27882482        .       -
        2       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27883597        27883708        .       -
        0       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27885052        27885253        .       -
        1       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27885424        27885492        .       -
        1       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27886463        27886629        .       -
        0       Parent=Smp_053510.1
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SM_V9_4 Liftoff CDS     27892388        27892672        .       -
        0       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27893322        27893502        .       -
        1       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27898353        27898645        .       -
        0       Parent=Smp_053510.1
SM_V9_4 Liftoff CDS     27898689        27898796        .       -
        0       Parent=Smp_053510.1
SM_V9_4 Liftoff gene    27905560        27906242        .       +
        .
ID=Smp_313320;geneID=Smp_313320;previous_systematic_id=Smp_150800
SM_V9_4 Liftoff mRNA    27905560        27906242        .       +
        .
ID=Smp_313320.1;Parent=Smp_313320;geneID=Smp_313320;product=Mediator
of RNA polymerase II transcription subunit 28
SM_V9_4 Liftoff exon    27905560        27905737        .       +
        .       Parent=Smp_313320.1
SM_V9_4 Liftoff exon    27905770        27905949        .       +
        .       Parent=Smp_313320.1
SM_V9_4 Liftoff exon    27905982        27906089        .       +
        .       Parent=Smp_313320.1
SM_V9_4 Liftoff exon    27906122        27906242        .       +
        .       Parent=Smp_313320.1
SM_V9_4 Liftoff CDS     27905690        27905737        .       +
        0       Parent=Smp_313320.1
SM_V9_4 Liftoff CDS     27905770        27905949        .       +
        0       Parent=Smp_313320.1
SM_V9_4 Liftoff CDS     27905982        27906089        .       +
        0       Parent=Smp_313320.1
SM_V9_4 Liftoff CDS     27906122        27906151        .       +
        0       Parent=Smp_313320.1
SM_V9_4 Liftoff gene    27914110        27924474        .       +
        .
ID=Smp_313330;geneID=Smp_313330;previous_systematic_id=Smp_150800
SM_V9_4 Liftoff mRNA    27914110        27924474        .       +
        .
ID=Smp_313330.1;Parent=Smp_313330;geneID=Smp_313330;product=Core
protein VP3
SM_V9_4 Liftoff exon    27914110        27914280        .       +
        .       Parent=Smp_313330.1
SM_V9_4 Liftoff exon    27923061        27923168        .       +
        .       Parent=Smp_313330.1
SM_V9_4 Liftoff exon    27924243        27924474        .       +
        .       Parent=Smp_313330.1
SM_V9_4 Liftoff CDS     27914165        27914280        .       +
        0       Parent=Smp_313330.1
SM_V9_4 Liftoff CDS     27923061        27923168        .       +
        1       Parent=Smp_313330.1
SM_V9_4 Liftoff CDS     27924243        27924300        .       +
        1       Parent=Smp_313330.1
SM_V9_4 Liftoff gene    27991810        27993076        .       -
        .       ID=Smp_329560;geneID=Smp_329560
SM_V9_4 Liftoff mRNA    27991810        27993076        .       -
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ID=Smp_329560.1;Parent=Smp_329560;geneID=Smp_329560;product=Probable
ATP-dependent RNA helicase spindle-E
SM_V9_4 Liftoff exon    27991810        27993076        .       -
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SM_V9_4 Liftoff CDS     27991916        27992101        .       -
        0       Parent=Smp_329560.1
SM_V9_4 Liftoff gene    27996344        27998906        .       -
        .
ID=Smp_344330;geneID=Smp_344330;previous_systematic_id=Smp_150790
SM_V9_4 Liftoff mRNA    27996344        27998906        .       -
        .
ID=Smp_344330.1;Parent=Smp_344330;geneID=Smp_344330;product=Leucine-
rich repeat-containing protein
4;polypeptide_domain=InterPro:IPR000483,IPR001611,IPR003591,IPR00359
8,IPR003599,IPR007110,IPR013098,IPR013783,IPR032675
Pfam:PF07679,PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    27996344        27998906        .       -
        .       Parent=Smp_344330.1
SM_V9_4 Liftoff CDS     27996511        27998865        .       -
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SM_V9_4 iris    gene    28074740        28132888        .       -
        .
ID=Smp_334250;geneID=Smp_334250;gene_name=Smp_334250;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    28074740        28132888        .       -
        .
ID=Smp_334250.1;Parent=Smp_334250;geneID=Smp_334250;gene_name=Smp_33
4250;owner=irisadmin@local.host;orig_id=Smp_334250.1;date_last_modif
ied=2022-07-23;Name=Smp_334250.1;product=Acid-sensing ion channel
3;date_creation=2022-07-23
SM_V9_4 iris    exon    28074740        28075327        .       -
        .
Parent=Smp_334250.1;Name=e6c32506-1c19-429e-986d-134455a8a70d
SM_V9_4 iris    exon    28078883        28079359        .       -
        .       Parent=Smp_334250.1;Name=e6d1b630-66a3-4f9f-
a175-5eb4a6eff3c9
SM_V9_4 iris    exon    28082691        28082925        .       -
        .       Parent=Smp_334250.1;Name=54cdbdce-d514-4613-a7bd-
dbef4f7d0856
SM_V9_4 iris    exon    28085215        28085633        .       -
        .       Parent=Smp_334250.1;Name=0668be93-0d53-453b-
af98-8d7bb1d31974
SM_V9_4 iris    exon    28086814        28086899        .       -
        .
Parent=Smp_334250.1;Name=923ae2b0-9980-44a2-889b-7c6a3c0a49ca
SM_V9_4 iris    exon    28091752        28092494        .       -
        .
Parent=Smp_334250.1;Name=77021661-2dae-46b4-8f7f-8811353456c2
SM_V9_4 iris    exon    28099755        28100098        .       -
        .       Parent=Smp_334250.1;Name=6f4c3fc8-0280-4639-
bb7d-994e126a7e55
SM_V9_4 iris    exon    28109049        28109102        .       -
        .       Parent=Smp_334250.1;Name=70d5e344-1959-4612-
bbbb-7a48758130d8
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SM_V9_4 iris    exon    28112838        28112937        .       -
        .       Parent=Smp_334250.1;Name=c936ddec-74be-4918-
a3b3-43dc5c908043
SM_V9_4 iris    exon    28120233        28120417        .       -
        .       Parent=Smp_334250.1;Name=158fcb19-b742-4cec-9b23-
d4551d0ed33d
SM_V9_4 iris    exon    28125598        28125692        .       -
        .       Parent=Smp_334250.1;Name=117830fe-d1b3-4e83-
afba-38a496429a0d
SM_V9_4 iris    exon    28130105        28130284        .       -
        .       Parent=Smp_334250.1;Name=f9a853c4-8467-40f5-91b4-
f72e1c0e657e
SM_V9_4 iris    exon    28131328        28131501        .       -
        .       Parent=Smp_334250.1;Name=830ccb01-af61-4261-aa7e-
da3b24ae5f2a
SM_V9_4 iris    exon    28132735        28132888        .       -
        .
Parent=Smp_334250.1;Name=be7ee559-54c7-4fb0-84de-9b5664fd98c0
SM_V9_4 iris    CDS     28078938        28079359        .       -
        2       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28082691        28082925        .       -
        0       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28085215        28085633        .       -
        2       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28086814        28086899        .       -
        1       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28091752        28092494        .       -
        0       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28099755        28100098        .       -
        2       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28109049        28109102        .       -
        2       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28112838        28112937        .       -
        0       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28120233        28120417        .       -
        2       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28125598        28125692        .       -
        1       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28130105        28130284        .       -
        1       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28131328        28131501        .       -
        1       Parent=Smp_334250.1
SM_V9_4 iris    CDS     28132735        28132784        .       -
        0       Parent=Smp_334250.1
SM_V9_4 iris    gene    28154022        28158876        .       -
        .
ID=Smp_153890;geneID=Smp_153890;gene_name=Smp_153890;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    28154022        28158876        .       -
        .
ID=Smp_153890.1;Parent=Smp_153890;geneID=Smp_153890;gene_name=Smp_15
3890;owner=irisadmin@local.host;orig_id=Smp_153890.2;date_last_modif
ied=2022-07-23;Name=Smp_153890.1;product=Post-GPI attachment to
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SM_V9_4 iris    exon    28156162        28156267        .       -
        .       Parent=Smp_153890.1;Name=0d26c18d-abb2-40eb-
a3ad-6eb930092e09
SM_V9_4 iris    exon    28157819        28157928        .       -
        .       Parent=Smp_153890.1;Name=95a46685-
ac68-4ef7-945c-2bd1e374c2c6
SM_V9_4 iris    exon    28157961        28158216        .       -
        .       Parent=Smp_153890.1;Name=7ad9e2af-e4fb-430d-87c4-
d739bf92dec4
SM_V9_4 iris    exon    28158250        28158876        .       -
        .
Parent=Smp_153890.1;Name=4048dc8d-4eb5-4983-90a2-924f8bb0e7cd
SM_V9_4 iris    CDS     28154139        28154320        .       -
        2       Parent=Smp_153890.1
SM_V9_4 iris    CDS     28156162        28156267        .       -
        0       Parent=Smp_153890.1
SM_V9_4 iris    CDS     28157819        28157928        .       -
        2       Parent=Smp_153890.1
SM_V9_4 iris    CDS     28157961        28158216        .       -
        0       Parent=Smp_153890.1
SM_V9_4 iris    CDS     28158250        28158372        .       -
        0       Parent=Smp_153890.1
SM_V9_4 iris    gene    28195225        28214895        .       +
        .
ID=Smp_030760;geneID=Smp_030760;gene_name=Smp_030760;owner=irisadmin
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SM_V9_4 iris    mRNA    28195225        28214895        .       +
        .
ID=Smp_030760.1;Parent=Smp_030760;geneID=Smp_030760;gene_name=Smp_03
0760;owner=irisadmin@local.host;orig_id=Smp_030760.1;date_last_modif
ied=2022-07-23;Name=Smp_030760.1;product=NADPH--cytochrome P450
reductase;date_creation=2022-07-23
SM_V9_4 iris    exon    28195225        28195281        .       +
        .       Parent=Smp_030760.1;Name=d3dc29c2-96fd-404b-
b98d-6f8c96ad649d
SM_V9_4 iris    exon    28195346        28195608        .       +
        .
Parent=Smp_030760.1;Name=e025384d-8c90-4ed5-9f87-9cf5711b73eb
SM_V9_4 iris    exon    28195647        28195775        .       +
        .       Parent=Smp_030760.1;Name=d922ddad-3fd5-4c2b-94c6-
ea60885789dc
SM_V9_4 iris    exon    28199293        28199442        .       +
        .       Parent=Smp_030760.1;Name=dda7d34c-6bdd-4d5e-a294-
bb89ad6ae152
SM_V9_4 iris    exon    28200464        28200789        .       +
        .
Parent=Smp_030760.1;Name=c75b4570-68e6-49c2-81bf-03560334ac86
SM_V9_4 iris    exon    28203967        28204083        .       +
        .       Parent=Smp_030760.1;Name=88e56b42-53f4-4c29-
a1df-50840f9872fb
SM_V9_4 iris    exon    28206178        28206296        .       +
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        .       Parent=Smp_030760.1;Name=f414eb3b-4d25-444f-acd4-
d49185f31d0b
SM_V9_4 iris    exon    28207660        28207841        .       +
        .       Parent=Smp_030760.1;Name=4d0a31be-ea66-4b09-bf90-
ed1013bbbde0
SM_V9_4 iris    exon    28210709        28210916        .       +
        .       Parent=Smp_030760.1;Name=67413971-d4ed-4426-874e-
cf7958310077
SM_V9_4 iris    exon    28212815        28213027        .       +
        .       Parent=Smp_030760.1;Name=92342eab-ced4-4f99-bfe5-
dcb619ae28b5
SM_V9_4 iris    exon    28213596        28213830        .       +
        .       Parent=Smp_030760.1;Name=4e995f07-0f4d-43f0-af2f-
d97bd1f7a2b2
SM_V9_4 iris    exon    28214657        28214895        .       +
        .       Parent=Smp_030760.1;Name=87dbb4a2-5564-43cf-
aad9-93c127292e41
SM_V9_4 iris    CDS     28195435        28195608        .       +
        0       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28195647        28195775        .       +
        0       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28199293        28199442        .       +
        0       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28200464        28200789        .       +
        0       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28203967        28204083        .       +
        1       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28206178        28206296        .       +
        1       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28207660        28207841        .       +
        2       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28210709        28210916        .       +
        0       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28212815        28213027        .       +
        2       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28213596        28213830        .       +
        2       Parent=Smp_030760.1
SM_V9_4 iris    CDS     28214657        28214801        .       +
        1       Parent=Smp_030760.1
SM_V9_4 iris    gene    28218775        28224280        .       -
        .
ID=Smp_138810;geneID=Smp_138810;gene_name=Smp_138810;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    28218775        28224280        .       -
        .
ID=Smp_138810.1;Parent=Smp_138810;geneID=Smp_138810;gene_name=Smp_13
8810;owner=irisadmin@local.host;orig_id=Smp_138810.1;date_last_modif
ied=2022-07-23;Name=Smp_138810.1;product=Post-GPI attachment to
proteins factor 2;date_creation=2022-07-23
SM_V9_4 iris    exon    28218775        28218990        .       -
        .       Parent=Smp_138810.1;Name=0c4f9b2d-0a61-4280-
b90f-9b06922a17e9
SM_V9_4 iris    exon    28222055        28222160        .       -
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        .
Parent=Smp_138810.1;Name=b5fa959f-015c-47c6-86f8-90d91e732fa5
SM_V9_4 iris    exon    28223857        28224059        .       -
        .       Parent=Smp_138810.1;Name=1ee93c54-607a-472b-
a990-6646816da97d
SM_V9_4 iris    exon    28224095        28224280        .       -
        .       Parent=Smp_138810.1;Name=7c6be193-e128-4fb5-a7ee-
e4794cafcbf0
SM_V9_4 iris    CDS     28218809        28218990        .       -
        2       Parent=Smp_138810.1
SM_V9_4 iris    CDS     28222055        28222160        .       -
        0       Parent=Smp_138810.1
SM_V9_4 iris    CDS     28223715        28223824        .       -
        2       Parent=Smp_138810.1
SM_V9_4 iris    CDS     28223857        28224055        .       -
        0       Parent=Smp_138810.1
SM_V9_4 iris    gene    28267468        28295196        .       +
        .
ID=Smp_334260;geneID=Smp_334260;gene_name=Smp_334260;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    28267468        28295196        .       +
        .
ID=Smp_334260.1;Parent=Smp_334260;geneID=Smp_334260;gene_name=Smp_33
4260;owner=irisadmin@local.host;orig_id=Smp_334260.1;date_last_modif
ied=2022-07-23;Name=Smp_334260.1;product=PHD finger protein
14;date_creation=2022-07-23
SM_V9_4 iris    exon    28267468        28267644        .       +
        .       Parent=Smp_334260.1;Name=bc863265-14a3-4f02-8041-
bcf916713cfd
SM_V9_4 iris    exon    28267680        28267808        .       +
        .
Parent=Smp_334260.1;Name=a2548e7d-2af2-4bdd-9045-5568ce45c118
SM_V9_4 iris    exon    28267844        28268026        .       +
        .       Parent=Smp_334260.1;Name=60dd9667-83c4-433d-
a4a3-05e04fd6dbef
SM_V9_4 iris    exon    28268076        28268225        .       +
        .       Parent=Smp_334260.1;Name=af50434c-63c4-424e-
a169-318e63ff15ae
SM_V9_4 iris    exon    28268259        28268362        .       +
        .       Parent=Smp_334260.1;Name=bb960ac2-
d191-427c-9234-9728a67de6e8
SM_V9_4 iris    exon    28268396        28268521        .       +
        .       Parent=Smp_334260.1;Name=e488a6dd-1c62-45b7-a541-
ba3d5ace3425
SM_V9_4 iris    exon    28268554        28268690        .       +
        .       Parent=Smp_334260.1;Name=75272c3d-cef2-4b15-a20e-
ce79ffc7d89c
SM_V9_4 iris    exon    28268726        28268768        .       +
        .       Parent=Smp_334260.1;Name=e719e3b5-c3be-40aa-af08-
bd09d1cf8221
SM_V9_4 iris    exon    28272607        28272874        .       +
        .       Parent=Smp_334260.1;Name=ff17cc17-a113-4ae6-b36e-
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c763749b8534
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SM_V9_4 iris    exon    28275870        28275976        .       +
        .       Parent=Smp_334260.1;Name=f548ba4e-d01c-4c9a-800f-
b185e12339d5
SM_V9_4 iris    exon    28276064        28276156        .       +
        .       Parent=Smp_334260.1;Name=f2fe063e-
ecd6-42bf-8ecb-936c77e68c6d
SM_V9_4 iris    exon    28278147        28278454        .       +
        .       Parent=Smp_334260.1;Name=af7ca7d0-fc42-4784-
a0bf-3f1c8408f1f3
SM_V9_4 iris    exon    28279465        28279596        .       +
        .       Parent=Smp_334260.1;Name=6ec0ae69-a684-4b27-
a13e-55d64ea96f25
SM_V9_4 iris    exon    28284448        28284820        .       +
        .       Parent=Smp_334260.1;Name=bc224f3d-7bf4-4b5e-
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SM_V9_4 iris    exon    28286388        28286498        .       +
        .       Parent=Smp_334260.1;Name=a5099ce9-5e41-48b5-
bb36-1766b1e8aaff
SM_V9_4 iris    exon    28288648        28288759        .       +
        .
Parent=Smp_334260.1;Name=b4e7932f-97a2-408d-937f-5f5fae81c8e0
SM_V9_4 iris    exon    28294314        28294432        .       +
        .
Parent=Smp_334260.1;Name=c705ceaa-321a-4e0d-90ff-9b8258e8d891
SM_V9_4 iris    exon    28294985        28295196        .       +
        .       Parent=Smp_334260.1;Name=0f48ec82-5889-4922-bf32-
c6903c80a0f2
SM_V9_4 iris    CDS     28267614        28267644        .       +
        0       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28267680        28267808        .       +
        2       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28267844        28268026        .       +
        2       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28268076        28268225        .       +
        2       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28268259        28268362        .       +
        2       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28268396        28268521        .       +
        0       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28268554        28268690        .       +
        0       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28268726        28268768        .       +
        1       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28272607        28272874        .       +
        0       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28275580        28275765        .       +
        2       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28275870        28275976        .       +
        2       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28276064        28276156        .       +
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        0       Parent=Smp_334260.1
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        0       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28279465        28279596        .       +
        1       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28284448        28284820        .       +
        1       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28286388        28286498        .       +
        0       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28288648        28288759        .       +
        0       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28294314        28294432        .       +
        2       Parent=Smp_334260.1
SM_V9_4 iris    CDS     28294985        28295029        .       +
        0       Parent=Smp_334260.1
SM_V9_4 Liftoff gene    28299325        28353299        .       -
        .       ID=Smp_153870;geneID=Smp_153870
SM_V9_4 Liftoff mRNA    28299325        28353299        .       -
        .
ID=Smp_153870.1;Parent=Smp_153870;geneID=Smp_153870;product=Serine/
threonine-protein kinase
ULK4;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR011989
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_4 Liftoff exon    28299325        28304383        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28307595        28307843        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28309054        28309710        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28319451        28319951        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28323245        28323447        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28328368        28329388        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28335709        28336908        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28341387        28341844        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28343723        28344329        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28346661        28346879        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28352444        28352722        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff exon    28352757        28353299        .       -
        .       Parent=Smp_153870.1
SM_V9_4 Liftoff CDS     28303649        28304383        .       -
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SM_V9_4 Liftoff CDS     28307595        28307843        .       -
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SM_V9_4 Liftoff CDS     28309054        28309710        .       -
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SM_V9_4 Liftoff CDS     28319451        28319951        .       -
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        0       Parent=Smp_153870.1
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SM_V9_4 Liftoff CDS     28328368        28329388        .       -
        0       Parent=Smp_153870.1
SM_V9_4 Liftoff CDS     28335709        28336908        .       -
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SM_V9_4 Liftoff CDS     28341387        28341844        .       -
        2       Parent=Smp_153870.1
SM_V9_4 Liftoff CDS     28343723        28344329        .       -
        0       Parent=Smp_153870.1
SM_V9_4 Liftoff CDS     28346661        28346879        .       -
        0       Parent=Smp_153870.1
SM_V9_4 Liftoff CDS     28352444        28352722        .       -
        0       Parent=Smp_153870.1
SM_V9_4 Liftoff CDS     28352757        28353134        .       -
        0       Parent=Smp_153870.1
SM_V9_4 Liftoff mRNA    28311644        28353299        .       -
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6024
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005488,GO:0005524,GO:00064
68
SM_V9_4 Liftoff exon    28311644        28312152        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28316874        28316883        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28319451        28319951        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28323245        28323447        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28328368        28329388        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28335709        28336908        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28341387        28341844        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28343723        28344329        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28346661        28346879        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28352444        28352722        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff exon    28352757        28353299        .       -
        .       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28312103        28312152        .       -
        2       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28316874        28316883        .       -
        0       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28319451        28319951        .       -
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SM_V9_4 Liftoff CDS     28323245        28323447        .       -
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        2       Parent=Smp_153870.2
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        0       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28335709        28336908        .       -
        0       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28341387        28341844        .       -
        2       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28343723        28344329        .       -
        0       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28346661        28346879        .       -
        0       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28352444        28352722        .       -
        0       Parent=Smp_153870.2
SM_V9_4 Liftoff CDS     28352757        28353134        .       -
        0       Parent=Smp_153870.2
SM_V9_4 iris    gene    28367178        28371390        .       +
        .
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SM_V9_4 iris    mRNA    28367178        28371390        .       +
        .
ID=Smp_058990.1;Parent=Smp_058990;geneID=Smp_058990;gene_name=Smp_05
8990;owner=irisadmin@local.host;orig_id=Smp_058990.2;date_last_modif
ied=2022-07-23;Name=Smp_058990.1;product=Meiotic nuclear division
protein 1 homolog;date_creation=2022-07-23
SM_V9_4 iris    exon    28367178        28367246        .       +
        .       Parent=Smp_058990.1;Name=f50b74a2-ff64-473b-8129-
ab988df0038c
SM_V9_4 iris    exon    28369825        28369890        .       +
        .       Parent=Smp_058990.1;Name=a9e4138c-5d6a-48a2-
b70a-30c0886954c0
SM_V9_4 iris    exon    28369929        28370102        .       +
        .       Parent=Smp_058990.1;Name=eb6a7924-fcfe-4679-
bae5-13bdb4c1c3dd
SM_V9_4 iris    exon    28370146        28370253        .       +
        .       Parent=Smp_058990.1;Name=81c0c251-5709-4341-
b4f7-785d22b97f32
SM_V9_4 iris    exon    28370293        28370452        .       +
        .       Parent=Smp_058990.1;Name=12410b7a-
fd89-40fd-93c0-87106379f416
SM_V9_4 iris    exon    28371243        28371390        .       +
        .
Parent=Smp_058990.1;Name=d2051232-2e95-4657-840d-9a92d3a8518f
SM_V9_4 iris    CDS     28367244        28367246        .       +
        0       Parent=Smp_058990.1
SM_V9_4 iris    CDS     28369825        28369890        .       +
        0       Parent=Smp_058990.1
SM_V9_4 iris    CDS     28369929        28370102        .       +
        0       Parent=Smp_058990.1
SM_V9_4 iris    CDS     28370146        28370253        .       +
        0       Parent=Smp_058990.1
SM_V9_4 iris    CDS     28370293        28370452        .       +
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SM_V9_4 iris    CDS     28371243        28371349        .       +
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        2       Parent=Smp_058990.1
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        .
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    28375859        28418634        .       -
        .
ID=Smp_058980.1;Parent=Smp_058980;geneID=Smp_058980;gene_name=Smp_05
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1;date_creation=2022-07-23
SM_V9_4 iris    exon    28375859        28377269        .       -
        .       Parent=Smp_058980.1;Name=3249a635-b528-47ea-bf87-
ea55d119e275
SM_V9_4 iris    exon    28378858        28379347        .       -
        .       Parent=Smp_058980.1;Name=eab110ab-002c-4e6c-b78f-
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SM_V9_4 iris    exon    28380080        28380397        .       -
        .       Parent=Smp_058980.1;Name=1873e63b-c860-4b18-
a9d5-8187cf6c7009
SM_V9_4 iris    exon    28383947        28384192        .       -
        .       Parent=Smp_058980.1;Name=8857e30a-0eb5-40c9-8295-
fba71ecfa220
SM_V9_4 iris    exon    28388449        28388683        .       -
        .       Parent=Smp_058980.1;Name=b4ac2df9-f8a0-4c90-
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SM_V9_4 iris    exon    28392745        28393393        .       -
        .
Parent=Smp_058980.1;Name=5f318a84-2162-4034-9199-70c348c38610
SM_V9_4 iris    exon    28404264        28404450        .       -
        .
Parent=Smp_058980.1;Name=a18f22be-1c39-4e7e-9c93-0cf296977467
SM_V9_4 iris    exon    28412016        28412308        .       -
        .
Parent=Smp_058980.1;Name=3df49276-77a9-421e-86e4-3545a8c05cfa
SM_V9_4 iris    exon    28418224        28418429        .       -
        .       Parent=Smp_058980.1;Name=bfc8a2e9-7e9e-4d8a-a084-
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SM_V9_4 iris    exon    28418463        28418634        .       -
        .
Parent=Smp_058980.1;Name=029dadce-3de0-4871-92e8-943595e4852c
SM_V9_4 iris    CDS     28377124        28377269        .       -
        2       Parent=Smp_058980.1
SM_V9_4 iris    CDS     28378858        28379347        .       -
        0       Parent=Smp_058980.1
SM_V9_4 iris    CDS     28380080        28380397        .       -
        0       Parent=Smp_058980.1
SM_V9_4 iris    CDS     28383947        28384192        .       -
        0       Parent=Smp_058980.1
SM_V9_4 iris    CDS     28388449        28388683        .       -
        1       Parent=Smp_058980.1
SM_V9_4 iris    CDS     28392745        28393393        .       -
        2       Parent=Smp_058980.1
SM_V9_4 iris    CDS     28404264        28404450        .       -
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SM_V9_4 iris    CDS     28418224        28418429        .       -
        1       Parent=Smp_058980.1
SM_V9_4 iris    CDS     28418463        28418581        .       -
        0       Parent=Smp_058980.1
SM_V9_4 iris    gene    28429588        28442375        .       +
        .
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SM_V9_4 iris    mRNA    28429588        28442375        .       +
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binding/permease protein MacB 1;date_creation=2022-07-23
SM_V9_4 iris    exon    28429588        28429620        .       +
        .
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SM_V9_4 iris    exon    28430254        28430630        .       +
        .       Parent=Smp_337560.1;Name=100f9022-f4fd-4e4a-92fc-
a52b36aeca26
SM_V9_4 iris    exon    28432198        28432677        .       +
        .       Parent=Smp_337560.1;Name=65cc9373-e153-448b-
b629-7c0c964723cb
SM_V9_4 iris    exon    28433324        28433566        .       +
        .       Parent=Smp_337560.1;Name=1632ef9c-3fcb-4741-
bbeb-8c77a65d8eb0
SM_V9_4 iris    exon    28434814        28435020        .       +
        .       Parent=Smp_337560.1;Name=2c25ac89-9d9d-4c0c-
a8e4-380cb04a9036
SM_V9_4 iris    exon    28436838        28437233        .       +
        .       Parent=Smp_337560.1;Name=eb2ab273-32d6-41aa-
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SM_V9_4 iris    exon    28441834        28442375        .       +
        .
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SM_V9_4 iris    CDS     28432198        28432677        .       +
        0       Parent=Smp_337560.1
SM_V9_4 iris    CDS     28433324        28433566        .       +
        0       Parent=Smp_337560.1
SM_V9_4 iris    CDS     28434814        28435020        .       +
        0       Parent=Smp_337560.1
SM_V9_4 iris    CDS     28436838        28437233        .       +
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SM_V9_4 iris    CDS     28441834        28442271        .       +
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SM_V9_4 iris    gene    28445186        28459810        .       +
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
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4600;owner=irisadmin@local.host;orig_id=Smp_344600.1;date_last_modif
ied=2022-07-23;Name=Smp_344600.1;product=Zinc finger protein
ZFP69;date_creation=2022-07-23
SM_V9_4 iris    exon    28445186        28445595        .       +
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Parent=Smp_344600.1;Name=29538717-0760-42aa-8d2d-982f4d1f93b6
SM_V9_4 iris    exon    28447140        28447303        .       +
       .       Parent=Smp_344600.1;Name=f6a8d179-e559-4edc-
b185-382cd249f928
SM_V9_4 iris    exon    28449169        28449411        .       +
       .       Parent=Smp_344600.1;Name=bab96069-f2fa-43a0-a3c6-
bd22429e821e
SM_V9_4 iris    exon    28454690        28454847        .       +
       .       Parent=Smp_344600.1;Name=7e81eba6-1d20-4f9d-
aad3-0f1603bd9030
SM_V9_4 iris    exon    28455611        28455701        .       +
       .       Parent=Smp_344600.1;Name=8b492482-474b-4881-b694-
e679088ba0f2
SM_V9_4 iris    exon    28456959        28457064        .       +
       .       Parent=Smp_344600.1;Name=4b6f8daa-b10b-4370-
a678-372a2d83e328
SM_V9_4 iris    exon    28459153        28459810        .       +
       .       Parent=Smp_344600.1;Name=614fd496-5294-4baa-
b258-618f6d4216b7
SM_V9_4 iris    CDS     28445243        28445595        .       +
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SM_V9_4 iris    CDS     28449169        28449411        .       +
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SM_V9_4 iris    CDS     28459153        28459594        .       +
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1993,IPR013320,IPR015943,IPR016024,IPR017986,IPR023362,IPR031570
Pfam:PF00400,PF02138,PF06469,PF13385,PF14844,PF15787;Ontology_term=G
O:0005488,GO:0005515
SM_V9_4 Liftoff exon    28467628        28468029        .       +
       .       Parent=Smp_153840.1
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SM_V9_4 Liftoff exon    28468418        28468527        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28468570        28468696        .       +
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SM_V9_4 Liftoff exon    28468737        28468856        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28470142        28470288        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28472314        28472508        .       +
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SM_V9_4 Liftoff exon    28474821        28475136        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28476884        28477049        .       +
        .       Parent=Smp_153840.1
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        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28484620        28484701        .       +
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        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28490757        28491027        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28492336        28492801        .       +
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        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28501237        28501541        .       +
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SM_V9_4 Liftoff exon    28503296        28503696        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28505549        28505928        .       +
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SM_V9_4 Liftoff exon    28507127        28507263        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28507583        28507700        .       +
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SM_V9_4 Liftoff exon    28512797        28513302        .       +
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SM_V9_4 Liftoff exon    28515861        28516100        .       +
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SM_V9_4 Liftoff exon    28517673        28517816        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28521131        28521425        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28523451        28523464        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28524944        28525214        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28527740        28527880        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28528848        28529012        .       +
        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28531155        28531253        .       +
        .       Parent=Smp_153840.1
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        .       Parent=Smp_153840.1
SM_V9_4 Liftoff exon    28534599        28535083        .       +
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SM_V9_4 Liftoff CDS     28467910        28468029        .       +
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SM_V9_4 Liftoff CDS     28468060        28468251        .       +
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SM_V9_4 Liftoff CDS     28468737        28468856        .       +
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SM_V9_4 Liftoff CDS     28470142        28470288        .       +
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        1       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28484620        28484701        .       +
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SM_V9_4 Liftoff CDS     28492336        28492801        .       +
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        2       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28498836        28498940        .       +
        0       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28499805        28500132        .       +
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SM_V9_4 Liftoff CDS     28501237        28501541        .       +
        2       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28503296        28503696        .       +
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        1       Parent=Smp_153840.1
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SM_V9_4 Liftoff CDS     28507583        28507700        .       +
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SM_V9_4 Liftoff CDS     28521131        28521425        .       +
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        2       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28524944        28525214        .       +
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SM_V9_4 Liftoff CDS     28527740        28527880        .       +
        2       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28528848        28529012        .       +
        2       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28531155        28531253        .       +
        2       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28531896        28532337        .       +
        2       Parent=Smp_153840.1
SM_V9_4 Liftoff CDS     28534599        28534692        .       +
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SM_V9_4 iris    exon    28538849        28540276        .       -
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SM_V9_4 iris    exon    28544167        28544586        .       -
        .       Parent=Smp_153820.1;Name=ab42aafb-dc78-4afb-868c-
d7f7a13c468f
SM_V9_4 iris    exon    28545397        28545903        .       -
        .       Parent=Smp_153820.1;Name=0724d469-6838-495a-8b0c-
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SM_V9_4 iris    exon    28546921        28547202        .       -
        .       Parent=Smp_153820.1;Name=e1d44390-7dd8-4b36-84c0-
f5a5b88fe9bd
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        .       Parent=Smp_153820.1;Name=43f038a0-c363-47aa-be75-
fe563d6ffb7a
SM_V9_4 iris    exon    28551779        28552031        .       -
        .       Parent=Smp_153820.1;Name=310210a1-1615-4e40-9988-
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SM_V9_4 iris    exon    28553107        28553444        .       -
        .       Parent=Smp_153820.1;Name=3327e3c2-7ac1-40d1-8c09-
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SM_V9_4 iris    exon    28554734        28554866        .       -
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SM_V9_4 iris    exon    28559806        28560338        .       -
        .       Parent=Smp_153820.1;Name=4e493c3f-57d0-4f77-aa1b-
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SM_V9_4 iris    exon    28564099        28564231        .       -
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SM_V9_4 iris    exon    28574472        28574514        .       -
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SM_V9_4 iris    CDS     28567053        28567221        .       -
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SM_V9_4 iris    CDS     28568365        28568534        .       -
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SM_V9_4 iris    CDS     28568573        28568580        .       -
        0       Parent=Smp_153820.1
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        .       Parent=Smp_058880.1
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        .       Parent=Smp_058880.1
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        .       Parent=Smp_058880.1
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SM_V9_4 Liftoff CDS     28583300        28583384        .       +
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SM_V9_4 Liftoff CDS     28585252        28585404        .       +
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SM_V9_4 Liftoff CDS     28588135        28588334        .       +
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        .       Parent=Smp_329570.1
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        .       Parent=Smp_329570.1
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SM_V9_4 Liftoff CDS     28589567        28589685        .       -
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        1       Parent=Smp_329570.1
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        1       Parent=Smp_329570.1
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        2       Parent=Smp_329570.1
SM_V9_4 Liftoff CDS     28598945        28599002        .       -
        0       Parent=Smp_329570.1
SM_V9_4 Liftoff CDS     28602636        28602738        .       -
        1       Parent=Smp_329570.1
SM_V9_4 Liftoff CDS     28604388        28604428        .       -
        0       Parent=Smp_329570.1
SM_V9_4 Liftoff mRNA    28589540        28607209        .       -
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mide riboside kinase
1;polypeptide_domain=InterPro:IPR004130,IPR027417 Pfam:PF03029
SM_V9_4 Liftoff exon    28589540        28589685        .       -
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SM_V9_4 Liftoff exon    28602636        28602738        .       -
        .       Parent=Smp_329570.2
SM_V9_4 Liftoff exon    28604388        28607209        .       -
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SM_V9_4 Liftoff CDS     28589567        28589685        .       -
        2       Parent=Smp_329570.2
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        1       Parent=Smp_329570.2
SM_V9_4 Liftoff CDS     28594632        28594752        .       -
        2       Parent=Smp_329570.2
SM_V9_4 Liftoff CDS     28598945        28599002        .       -
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SM_V9_4 Liftoff CDS     28602636        28602738        .       -
        1       Parent=Smp_329570.2
SM_V9_4 Liftoff CDS     28604388        28604428        .       -
        0       Parent=Smp_329570.2
SM_V9_4 Liftoff mRNA    28589540        28607209        .       -
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Pfam:PF13238
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SM_V9_4 Liftoff exon    28590931        28591037        .       -
        .       Parent=Smp_329570.3
SM_V9_4 Liftoff exon    28593801        28593872        .       -
        .       Parent=Smp_329570.3
SM_V9_4 Liftoff exon    28594632        28594752        .       -
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SM_V9_4 Liftoff exon    28601958        28602019        .       -
        .       Parent=Smp_329570.3
SM_V9_4 Liftoff exon    28602636        28602738        .       -
        .       Parent=Smp_329570.3
SM_V9_4 Liftoff exon    28604388        28607209        .       -
        .       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28589567        28589685        .       -
        2       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28590931        28591037        .       -
        1       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28593801        28593872        .       -
        1       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28594632        28594752        .       -
        2       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28598945        28599054        .       -
        1       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28601958        28602019        .       -
        0       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28602636        28602738        .       -
        1       Parent=Smp_329570.3
SM_V9_4 Liftoff CDS     28604388        28604428        .       -
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SM_V9_4 iris    mRNA    28609227        28638577        .       -
        .
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3810;owner=irisadmin@local.host;orig_id=Smp_153810.1;date_last_modif
ied=2022-07-23;Name=Smp_153810.1;product=Asparaginase
glutaminase;date_creation=2022-07-23
SM_V9_4 iris    exon    28609227        28609987        .       -
        .       Parent=Smp_153810.1;Name=a36e4554-2957-4191-
b898-45d8ff39f6f4
SM_V9_4 iris    exon    28611216        28611518        .       -
        .       Parent=Smp_153810.1;Name=066de448-
ba2e-42b3-87df-1f2f8769ed9a
SM_V9_4 iris    exon    28615128        28615484        .       -
        .       Parent=Smp_153810.1;Name=0f7044f3-45b3-4e0c-b106-
e09565dc924c
SM_V9_4 iris    exon    28620497        28620684        .       -
        .       Parent=Smp_153810.1;Name=afa4d9ab-df91-4ca5-a9be-
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SM_V9_4 iris    exon    28624784        28625033        .       -
        .       Parent=Smp_153810.1;Name=2002d4e4-54a6-4169-a6c7-
d68996eab287
SM_V9_4 iris    exon    28627202        28627706        .       -
        .       Parent=Smp_153810.1;Name=984826aa-772e-445a-a663-
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SM_V9_4 iris    exon    28628888        28629090        .       -
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Parent=Smp_153810.1;Name=7da9cb22-060f-470a-9c24-3132f04d91a3
SM_V9_4 iris    exon    28630576        28630646        .       -
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SM_V9_4 iris    exon    28638405        28638577        .       -
        .       Parent=Smp_153810.1;Name=91459c87-9af4-4c2f-8dc8-
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SM_V9_4 iris    CDS     28609727        28609987        .       -
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SM_V9_4 iris    CDS     28611216        28611518        .       -
        0       Parent=Smp_153810.1
SM_V9_4 iris    CDS     28615128        28615484        .       -
        0       Parent=Smp_153810.1
SM_V9_4 iris    CDS     28620497        28620684        .       -
        2       Parent=Smp_153810.1
SM_V9_4 iris    CDS     28624784        28625033        .       -
        0       Parent=Smp_153810.1
SM_V9_4 iris    CDS     28627202        28627706        .       -
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SM_V9_4 iris    CDS     28628888        28629090        .       -
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SM_V9_4 iris    CDS     28630576        28630646        .       -
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SM_V9_4 iris    CDS     28638405        28638474        .       -
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acyltransferase;date_creation=2022-07-23
SM_V9_4 iris    exon    28647746        28648540        .       -
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Parent=Smp_058850.1;Name=4320d21c-13f8-4608-8008-68771715e5a3
SM_V9_4 iris    exon    28650250        28650441        .       -
        .       Parent=Smp_058850.1;Name=6a57b380-dc73-48b4-
bb41-1c90ad673977
SM_V9_4 iris    CDS     28648014        28648508        .       -
        0       Parent=Smp_058850.1
SM_V9_4 Liftoff gene    28669234        28676507        .       +
        .       ID=Smp_059090;geneID=Smp_059090
SM_V9_4 Liftoff mRNA    28669234        28676507        .       +
        .
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-1-like protein;polypeptide_domain=InterPro:IPR003117
SM_V9_4 Liftoff exon    28669234        28669467        .       +
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SM_V9_4 Liftoff exon    28669504        28669627        .       +
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SM_V9_4 Liftoff exon    28672350        28672511        .       +
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SM_V9_4 Liftoff exon    28674635        28674807        .       +
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SM_V9_4 Liftoff exon    28676060        28676507        .       +
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SM_V9_4 Liftoff CDS     28669334        28669467        .       +
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SM_V9_4 Liftoff CDS     28669504        28669627        .       +
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SM_V9_4 Liftoff CDS     28672350        28672511        .       +
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SM_V9_4 Liftoff CDS     28674635        28674807        .       +
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SM_V9_4 Liftoff CDS     28676060        28676177        .       +
        1       Parent=Smp_059090.1
SM_V9_4 Liftoff gene    28679785        28681850        .       -
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SM_V9_4 Liftoff mRNA    28679785        28681850        .       -
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l protein l4;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR002136,IPR013000,IPR023574,
IPR025755
Pfam:PF00573,PF14374;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_4 Liftoff exon    28679785        28679965        .       -
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SM_V9_4 Liftoff exon    28680053        28680351        .       -
        .       Parent=Smp_153790.1
SM_V9_4 Liftoff exon    28680385        28681057        .       -
        .       Parent=Smp_153790.1
SM_V9_4 Liftoff exon    28681715        28681850        .       -
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        0       Parent=Smp_153790.1
SM_V9_4 Liftoff CDS     28680053        28680351        .       -
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SM_V9_4 Liftoff CDS     28680385        28681057        .       -
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SM_V9_4 Liftoff CDS     28681715        28681717        .       -
        0       Parent=Smp_153790.1
SM_V9_4 Liftoff mRNA    28679785        28681850        .       -
        .
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L4;polypeptide_domain=InterPro:IPR002136,IPR013000,IPR023574,IPR0257
55
Pfam:PF00573,PF14374;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_4 Liftoff exon    28679785        28679965        .       -
        .       Parent=Smp_153790.2
SM_V9_4 Liftoff exon    28680053        28680351        .       -
        .       Parent=Smp_153790.2
SM_V9_4 Liftoff exon    28680385        28681850        .       -
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SM_V9_4 Liftoff CDS     28680053        28680351        .       -
        2       Parent=Smp_153790.2
SM_V9_4 Liftoff CDS     28680385        28680991        .       -
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SM_V9_4 iris    gene    28704145        28710676        .       -
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SM_V9_4 iris    mRNA    28704145        28710676        .       -
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ied=2022-07-23;Name=Smp_059100.1;product=PRELI domain-containing
protein 1, mitochondrial;date_creation=2022-07-23
SM_V9_4 iris    exon    28704145        28704797        .       -
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Parent=Smp_059100.1;Name=f34af44c-2ed7-4050-8476-398e1ac7b97a
SM_V9_4 iris    exon    28710270        28710495        .       -
        .       Parent=Smp_059100.1;Name=a2dccf4b-b669-402f-a518-
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SM_V9_4 iris    exon    28710532        28710676        .       -
        .
Parent=Smp_059100.1;Name=7f87610e-451d-440a-82b3-33e523de49f0
SM_V9_4 iris    CDS     28704468        28704797        .       -
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SM_V9_4 iris    CDS     28710270        28710495        .       -
        1       Parent=Smp_059100.1
SM_V9_4 iris    CDS     28710532        28710617        .       -
        0       Parent=Smp_059100.1
SM_V9_4 iris    gene    28720587        28728598        .       +
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G;date_creation=2022-07-23
SM_V9_4 iris    exon    28720587        28720940        .       +
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SM_V9_4 iris    exon    28720974        28721066        .       +
        .       Parent=Smp_153920.1;Name=0f1243d3-f541-4001-
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SM_V9_4 iris    exon    28721101        28721244        .       +
        .       Parent=Smp_153920.1;Name=63fb3058-
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SM_V9_4 iris    exon    28721285        28721356        .       +
        .       Parent=Smp_153920.1;Name=5db13d52-
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SM_V9_4 iris    exon    28722271        28722699        .       +
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SM_V9_4 iris    exon    28727778        28728598        .       +
        .       Parent=Smp_153920.1;Name=d01aa7dd-a763-4f74-
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SM_V9_4 iris    CDS     28724854        28725110        .       +
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SM_V9_4 iris    CDS     28727778        28727778        .       +
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20
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SM_V9_4 Liftoff exon    28809031        28809157        .       +
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        .       Parent=Smp_153930.1
SM_V9_4 Liftoff exon    28812967        28813072        .       +
        .       Parent=Smp_153930.1
SM_V9_4 Liftoff exon    28814748        28814869        .       +
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SM_V9_4 Liftoff exon    28816210        28816303        .       +
        .       Parent=Smp_153930.1
SM_V9_4 Liftoff exon    28819733        28819840        .       +
        .       Parent=Smp_153930.1
SM_V9_4 Liftoff exon    28821213        28821289        .       +
        .       Parent=Smp_153930.1
SM_V9_4 Liftoff exon    28822867        28822977        .       +
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SM_V9_4 Liftoff exon    28824096        28824297        .       +
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SM_V9_4 Liftoff exon    28829331        28829480        .       +
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SM_V9_4 Liftoff exon    28830216        28830357        .       +
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SM_V9_4 Liftoff CDS     28807054        28807065        .       +
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SM_V9_4 Liftoff CDS     28809031        28809157        .       +
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SM_V9_4 Liftoff CDS     28811449        28811606        .       +
        0       Parent=Smp_153930.1
SM_V9_4 Liftoff CDS     28812967        28813072        .       +
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SM_V9_4 Liftoff CDS     28814748        28814869        .       +
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SM_V9_4 Liftoff CDS     28816210        28816303        .       +
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SM_V9_4 Liftoff CDS     28819733        28819840        .       +
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SM_V9_4 Liftoff CDS     28821213        28821289        .       +
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SM_V9_4 Liftoff CDS     28822867        28822977        .       +
        1       Parent=Smp_153930.1
SM_V9_4 Liftoff CDS     28824096        28824297        .       +
        1       Parent=Smp_153930.1
SM_V9_4 Liftoff CDS     28825010        28825079        .       +
        0       Parent=Smp_153930.1
SM_V9_4 Liftoff CDS     28827911        28828041        .       +
        2       Parent=Smp_153930.1
SM_V9_4 Liftoff CDS     28829331        28829480        .       +
        0       Parent=Smp_153930.1
SM_V9_4 Liftoff CDS     28830216        28830224        .       +
        0       Parent=Smp_153930.1
SM_V9_4 iris    gene    28837064        28885677        .       +
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ID=Smp_059130.1;Parent=Smp_059130;geneID=Smp_059130;gene_name=Smp_05
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linker protein 2;date_creation=2022-07-23
SM_V9_4 iris    exon    28837064        28837452        .       +
        .       Parent=Smp_059130.1;Name=7b89319f-8399-49a1-8534-
de6ac6b1143d
SM_V9_4 iris    exon    28838036        28838322        .       +
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        .       Parent=Smp_059130.1;Name=92c7b92d-
c6d9-434c-93ab-9f103e38b0e1
SM_V9_4 iris    exon    28840037        28840156        .       +
        .
Parent=Smp_059130.1;Name=69c040d9-8d3f-4713-95f6-119d1321a4a5
SM_V9_4 iris    exon    28842783        28842873        .       +
        .       Parent=Smp_059130.1;Name=40a41446-f268-4622-
abcb-222211f60b6f
SM_V9_4 iris    exon    28844690        28844782        .       +
        .       Parent=Smp_059130.1;Name=6efa3c1a-c765-49d7-b860-
bc97d77a8e84
SM_V9_4 iris    exon    28847469        28847567        .       +
        .       Parent=Smp_059130.1;Name=b19a3386-dacc-4dd9-
bda9-4d49f5445b9f
SM_V9_4 iris    exon    28849179        28849312        .       +
        .       Parent=Smp_059130.1;Name=154218af-329a-4e5f-bb04-
f334fa000ca9
SM_V9_4 iris    exon    28852375        28852615        .       +
        .       Parent=Smp_059130.1;Name=c5ebad37-699b-4f44-8590-
e990997c0761
SM_V9_4 iris    exon    28855434        28855666        .       +
        .       Parent=Smp_059130.1;Name=bcf047f3-de87-4568-96fb-
b9eb11fd34e3
SM_V9_4 iris    exon    28857144        28857309        .       +
        .       Parent=Smp_059130.1;Name=19bfeb28-a528-488d-a42f-
a7958f7f68bf
SM_V9_4 iris    exon    28861659        28861787        .       +
        .       Parent=Smp_059130.1;Name=a28af3e1-1b08-4229-
bc13-1b5d332d080b
SM_V9_4 iris    exon    28868156        28868389        .       +
        .
Parent=Smp_059130.1;Name=ae7157f9-6f79-4de5-8556-5510f9da1d20
SM_V9_4 iris    exon    28869440        28869672        .       +
        .
Parent=Smp_059130.1;Name=544eeb41-8963-4907-8537-4998cc7d23c3
SM_V9_4 iris    exon    28870420        28870540        .       +
        .
Parent=Smp_059130.1;Name=c3bbbd2b-01d7-4909-8c3a-404388191a19
SM_V9_4 iris    exon    28872280        28872332        .       +
        .       Parent=Smp_059130.1;Name=a5d976ad-629c-4642-
be69-758d0f97b19e
SM_V9_4 iris    exon    28873577        28873682        .       +
        .       Parent=Smp_059130.1;Name=deeade08-e1fe-4caa-a26a-
a6cdd78d64fe
SM_V9_4 iris    exon    28875683        28875815        .       +
        .       Parent=Smp_059130.1;Name=be3fda4a-f2ec-4efc-9ac4-
cf7c104ada42
SM_V9_4 iris    exon    28881286        28881451        .       +
        .       Parent=Smp_059130.1;Name=283d3702-9ec8-47d4-86e1-
da029d298abc
SM_V9_4 iris    exon    28884665        28885677        .       +
        .       Parent=Smp_059130.1;Name=620b4ef1-c664-473d-
aede-78c393f38ec3
SM_V9_4 iris    CDS     28837159        28837452        .       +
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        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28838036        28838322        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28840037        28840156        .       +
        1       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28842783        28842873        .       +
        1       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28844690        28844782        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28847469        28847567        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28849179        28849312        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28852375        28852615        .       +
        1       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28855434        28855666        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28857144        28857309        .       +
        1       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28861659        28861787        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28868156        28868389        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28869440        28869672        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28870420        28870540        .       +
        1       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28872280        28872332        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28873577        28873682        .       +
        1       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28875683        28875815        .       +
        0       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28881286        28881451        .       +
        2       Parent=Smp_059130.1
SM_V9_4 iris    CDS     28884665        28884992        .       +
        1       Parent=Smp_059130.1
SM_V9_4 Liftoff gene    29001954        29002422        .       +
        .       ID=Smp_059140;geneID=Smp_059140
SM_V9_4 Liftoff mRNA    29001954        29002422        .       +
        .
ID=Smp_059140.1;Parent=Smp_059140;geneID=Smp_059140;product=Cell
division control protein 3
SM_V9_4 Liftoff exon    29001954        29002125        .       +
        .       Parent=Smp_059140.1
SM_V9_4 Liftoff exon    29002379        29002422        .       +
        .       Parent=Smp_059140.1
SM_V9_4 Liftoff CDS     29001954        29002125        .       +
        0       Parent=Smp_059140.1
SM_V9_4 Liftoff CDS     29002379        29002422        .       +
        2       Parent=Smp_059140.1
SM_V9_4 Liftoff gene    29005914        29006646        .       -
        .       ID=Smp_329580;geneID=Smp_329580
SM_V9_4 Liftoff mRNA    29005914        29006646        .       -
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        .
ID=Smp_329580.1;Parent=Smp_329580;geneID=Smp_329580;product=5'-AMP-
activated protein kinase subunit beta-1
(Fragment);polypeptide_domain=InterPro:IPR013783,IPR014756,IPR032640
Pfam:PF16561
SM_V9_4 Liftoff exon    29005914        29006646        .       -
        .       Parent=Smp_329580.1
SM_V9_4 Liftoff CDS     29005961        29006371        .       -
        0       Parent=Smp_329580.1
SM_V9_4 Liftoff gene    29104717        29132546        .       -
        .       ID=Smp_059150;geneID=Smp_059150
SM_V9_4 Liftoff mRNA    29104717        29132546        .       -
        .
ID=Smp_059150.1;Parent=Smp_059150;geneID=Smp_059150;product=MICOS
complex subunit Mic60;polypeptide_domain=InterPro:IPR019133
Pfam:PF09731
SM_V9_4 Liftoff exon    29104717        29105576        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29108010        29108305        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29108759        29108975        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29114095        29114324        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29117329        29117458        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29118802        29118937        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29121353        29121450        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29123358        29123485        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29126938        29127028        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29129251        29129308        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29131208        29131474        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29132349        29132443        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff exon    29132486        29132546        .       -
        .       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29105103        29105576        .       -
        0       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29108010        29108305        .       -
        2       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29108759        29108975        .       -
        0       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29114095        29114324        .       -
        2       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29117329        29117458        .       -
        0       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29118802        29118937        .       -
        1       Parent=Smp_059150.1
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SM_V9_4 Liftoff CDS     29121353        29121450        .       -
        0       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29123358        29123485        .       -
        2       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29126938        29127028        .       -
        0       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29129251        29129308        .       -
        1       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29131208        29131474        .       -
        1       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29132349        29132443        .       -
        0       Parent=Smp_059150.1
SM_V9_4 Liftoff CDS     29132486        29132506        .       -
        0       Parent=Smp_059150.1
SM_V9_4 Liftoff gene    29146050        29149541        .       +
        .       ID=Smp_153950;geneID=Smp_153950
SM_V9_4 Liftoff mRNA    29146050        29149541        .       +
        .
ID=Smp_153950.1;Parent=Smp_153950;geneID=Smp_153950;product=Probable
ribosome biogenesis protein
RLP24;polypeptide_domain=InterPro:IPR000988,IPR011017,IPR023442
Pfam:PF01246
SM_V9_4 Liftoff exon    29146050        29146161        .       +
        .       Parent=Smp_153950.1
SM_V9_4 Liftoff exon    29148831        29149017        .       +
        .       Parent=Smp_153950.1
SM_V9_4 Liftoff exon    29149056        29149202        .       +
        .       Parent=Smp_153950.1
SM_V9_4 Liftoff exon    29149251        29149541        .       +
        .       Parent=Smp_153950.1
SM_V9_4 Liftoff CDS     29146081        29146161        .       +
        0       Parent=Smp_153950.1
SM_V9_4 Liftoff CDS     29148831        29149017        .       +
        0       Parent=Smp_153950.1
SM_V9_4 Liftoff CDS     29149056        29149202        .       +
        2       Parent=Smp_153950.1
SM_V9_4 Liftoff CDS     29149251        29149420        .       +
        2       Parent=Smp_153950.1
SM_V9_4 iris    gene    29151716        29207356        .       -
        .
ID=Smp_059170;geneID=Smp_059170;gene_name=Smp_059170;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    29151716        29207356        .       -
        .
ID=Smp_059170.1;Parent=Smp_059170;geneID=Smp_059170;gene_name=Smp_05
9170;owner=irisadmin@local.host;orig_id=Smp_059170.1;date_last_modif
ied=2022-07-23;Name=Smp_059170.1;product=Troponin
I;date_creation=2022-07-23
SM_V9_4 iris    exon    29151716        29152496        .       -
        .
Parent=Smp_059170.1;Name=35fe6e71-2924-4f3b-90d7-3bb202367891
SM_V9_4 iris    exon    29153897        29154047        .       -
        .       Parent=Smp_059170.1;Name=f4c27647-5e6d-4e56-
b5c9-0bf571809628
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SM_V9_4 iris    exon    29157300        29157343        .       -
        .
Parent=Smp_059170.1;Name=6bb07f50-7fdd-499d-8f64-3882c40f0b38
SM_V9_4 iris    exon    29158736        29158836        .       -
        .       Parent=Smp_059170.1;Name=3535e1fc-0eb1-416e-
a0c3-165f6b5c8072
SM_V9_4 iris    exon    29160767        29160887        .       -
        .       Parent=Smp_059170.1;Name=8137675a-391e-4073-
b7a3-66c33f6b5a2e
SM_V9_4 iris    exon    29161974        29162084        .       -
        .       Parent=Smp_059170.1;Name=bd2baba3-43d6-443c-84c1-
be598fc0c1ec
SM_V9_4 iris    exon    29164312        29164341        .       -
        .       Parent=Smp_059170.1;Name=3f0365a0-75bf-4fbe-
aab0-263653a6fbf5
SM_V9_4 iris    exon    29165769        29165813        .       -
        .       Parent=Smp_059170.1;Name=acd9fc4d-79ad-4eb4-
a1fc-3f321ea2d905
SM_V9_4 iris    exon    29171542        29171583        .       -
        .       Parent=Smp_059170.1;Name=02c39f28-8b32-4c15-
a41c-46a6c67d5314
SM_V9_4 iris    exon    29172763        29172819        .       -
        .       Parent=Smp_059170.1;Name=a7c75817-1c04-46be-a14c-
c7f677cf699e
SM_V9_4 iris    exon    29175589        29175628        .       -
        .       Parent=Smp_059170.1;Name=694d6f68-8ac7-4082-
b33c-3c471068c41d
SM_V9_4 iris    exon    29176838        29177137        .       -
        .       Parent=Smp_059170.1;Name=c994f022-a3c2-408c-
b1f0-1cf58e0bc628
SM_V9_4 iris    exon    29206615        29207356        .       -
        .       Parent=Smp_059170.1;Name=59d6a2c4-2955-4116-
a58e-78095f4f9950
SM_V9_4 iris    CDS     29152449        29152496        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29153897        29154047        .       -
        1       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29157300        29157343        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29158736        29158836        .       -
        2       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29160767        29160887        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29161974        29162084        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29164312        29164341        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29165769        29165813        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29171542        29171583        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29172763        29172819        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29175589        29175628        .       -
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        1       Parent=Smp_059170.1
SM_V9_4 iris    CDS     29176838        29177061        .       -
        0       Parent=Smp_059170.1
SM_V9_4 iris    gene    29218213        29248790        .       -
        .
ID=Smp_153960;geneID=Smp_153960;gene_name=Smp_153960;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    29218213        29248790        .       -
        .
ID=Smp_153960.1;Parent=Smp_153960;geneID=Smp_153960;gene_name=Smp_15
3960;owner=irisadmin@local.host;orig_id=Smp_153960.1;date_last_modif
ied=2022-07-23;Name=Smp_153960.1;product=presenilin;date_creation=20
22-07-23
SM_V9_4 iris    exon    29218213        29218846        .       -
        .       Parent=Smp_153960.1;Name=e7ea872b-e474-41e3-
a605-01fc23640e15
SM_V9_4 iris    exon    29225532        29225681        .       -
        .       Parent=Smp_153960.1;Name=b2204381-9533-4828-
b49f-1427efd4cc2f
SM_V9_4 iris    exon    29226624        29226682        .       -
        .       Parent=Smp_153960.1;Name=b863a929-4cf6-454b-9ee5-
c65c3f3b66de
SM_V9_4 iris    exon    29228800        29229066        .       -
        .       Parent=Smp_153960.1;Name=9f065179-ac97-45d5-986f-
be5d7e0e2bd2
SM_V9_4 iris    exon    29236789        29237009        .       -
        .       Parent=Smp_153960.1;Name=c15d0559-
c415-4880-8a72-995033eef168
SM_V9_4 iris    exon    29239702        29239769        .       -
        .       Parent=Smp_153960.1;Name=47250e73-e13b-464a-
a303-92ed77853b3e
SM_V9_4 iris    exon    29240496        29240724        .       -
        .       Parent=Smp_153960.1;Name=302d1d67-5208-4651-94e9-
ee0c4455b2a3
SM_V9_4 iris    exon    29241717        29241946        .       -
        .
Parent=Smp_153960.1;Name=bc556a3a-5dbe-494a-8ecc-0d7b3b6d49ce
SM_V9_4 iris    exon    29246697        29246947        .       -
        .       Parent=Smp_153960.1;Name=3e751de2-5db6-4fde-8c73-
ef0fb395845b
SM_V9_4 iris    exon    29248711        29248790        .       -
        .
Parent=Smp_153960.1;Name=e63c728b-4636-4ade-9f0b-1ad731b08043
SM_V9_4 iris    CDS     29218553        29218846        .       -
        0       Parent=Smp_153960.1
SM_V9_4 iris    CDS     29225532        29225681        .       -
        0       Parent=Smp_153960.1
SM_V9_4 iris    CDS     29226624        29226682        .       -
        2       Parent=Smp_153960.1
SM_V9_4 iris    CDS     29228800        29229066        .       -
        2       Parent=Smp_153960.1
SM_V9_4 iris    CDS     29236789        29237009        .       -
        1       Parent=Smp_153960.1
SM_V9_4 iris    CDS     29239702        29239769        .       -
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        0       Parent=Smp_153960.1
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SM_V9_4 iris    CDS     29241717        29241913        .       -
        0       Parent=Smp_153960.1
SM_V9_4 iris    gene    29254460        29285644        .       +
        .
ID=Smp_153970;geneID=Smp_153970;gene_name=Smp_153970;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    29254460        29285644        .       +
        .
ID=Smp_153970.1;Parent=Smp_153970;geneID=Smp_153970;gene_name=Smp_15
3970;owner=irisadmin@local.host;orig_id=Smp_153970.3;date_last_modif
ied=2022-07-23;Name=Smp_153970.1;product=RILP-like protein
1;date_creation=2022-07-23
SM_V9_4 iris    exon    29254460        29254631        .       +
        .       Parent=Smp_153970.1;Name=fa3d5a19-
dbcb-45b2-84b6-8a50466d8824
SM_V9_4 iris    exon    29256116        29256494        .       +
        .       Parent=Smp_153970.1;Name=d885d5a5-8334-4080-b0ea-
c45ae2700c3b
SM_V9_4 iris    exon    29258029        29258182        .       +
        .       Parent=Smp_153970.1;Name=b095656e-ec90-400f-819b-
ef84d6acf4e0
SM_V9_4 iris    exon    29259335        29259456        .       +
        .       Parent=Smp_153970.1;Name=5df072df-a326-41ed-
b875-37ae9f0e8506
SM_V9_4 iris    exon    29271242        29271502        .       +
        .       Parent=Smp_153970.1;Name=288b3142-
ee27-41f3-8896-9800b8fcba05
SM_V9_4 iris    exon    29272523        29272713        .       +
        .
Parent=Smp_153970.1;Name=a750c325-7519-4e29-97f6-78c8914f0800
SM_V9_4 iris    exon    29274164        29274193        .       +
        .
Parent=Smp_153970.1;Name=617bdbd4-3068-4914-8107-99e3e9d2c291
SM_V9_4 iris    exon    29280895        29280987        .       +
        .       Parent=Smp_153970.1;Name=e592db73-0739-4204-
a43a-49af3267e809
SM_V9_4 iris    exon    29281660        29281744        .       +
        .       Parent=Smp_153970.1;Name=91de9419-
d8fb-455e-9390-5c249ff89fb8
SM_V9_4 iris    exon    29284366        29285644        .       +
        .       Parent=Smp_153970.1;Name=7c7b54dc-
c8b7-4526-96fe-3656ab6a9b99
SM_V9_4 iris    CDS     29254615        29254631        .       +
        0       Parent=Smp_153970.1
SM_V9_4 iris    CDS     29256116        29256494        .       +
        1       Parent=Smp_153970.1
SM_V9_4 iris    CDS     29258029        29258182        .       +
        0       Parent=Smp_153970.1
SM_V9_4 iris    CDS     29259335        29259456        .       +
        2       Parent=Smp_153970.1
SM_V9_4 iris    CDS     29271242        29271502        .       +
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SM_V9_4 iris    CDS     29272523        29272713        .       +
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SM_V9_4 iris    CDS     29274164        29274193        .       +
        1       Parent=Smp_153970.1
SM_V9_4 iris    CDS     29280895        29280987        .       +
        1       Parent=Smp_153970.1
SM_V9_4 iris    CDS     29281660        29281693        .       +
        1       Parent=Smp_153970.1
SM_V9_4 Liftoff gene    29295770        29318222        .       +
        .       ID=Smp_059200;geneID=Smp_059200
SM_V9_4 Liftoff mRNA    29295770        29318222        .       +
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ID=Smp_059200.1;Parent=Smp_059200;geneID=Smp_059200;product=Kelch-
like protein 29
SM_V9_4 Liftoff exon    29295770        29296218        .       +
        .       Parent=Smp_059200.1
SM_V9_4 Liftoff exon    29315692        29315808        .       +
        .       Parent=Smp_059200.1
SM_V9_4 Liftoff exon    29316548        29316598        .       +
        .       Parent=Smp_059200.1
SM_V9_4 Liftoff exon    29317880        29318000        .       +
        .       Parent=Smp_059200.1
SM_V9_4 Liftoff exon    29318052        29318222        .       +
        .       Parent=Smp_059200.1
SM_V9_4 Liftoff CDS     29296078        29296218        .       +
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SM_V9_4 Liftoff CDS     29315692        29315808        .       +
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SM_V9_4 Liftoff CDS     29316548        29316598        .       +
        0       Parent=Smp_059200.1
SM_V9_4 Liftoff CDS     29317880        29318000        .       +
        0       Parent=Smp_059200.1
SM_V9_4 Liftoff CDS     29318052        29318164        .       +
        2       Parent=Smp_059200.1
SM_V9_4 iris    gene    29318231        29327866        .       -
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    29318231        29327866        .       -
        .
ID=Smp_059210.1;Parent=Smp_059210;geneID=Smp_059210;gene_name=Smp_05
9210;owner=irisadmin@local.host;orig_id=Smp_059210.1;date_last_modif
ied=2022-07-23;Name=Smp_059210.1;product=Periphilin-1;date_creation=
2022-07-23
SM_V9_4 iris    exon    29318231        29319056        .       -
        .       Parent=Smp_059210.1;Name=6bd8674e-1ba1-4613-
b34c-03e53392585a
SM_V9_4 iris    exon    29321064        29321116        .       -
        .       Parent=Smp_059210.1;Name=84e5e8c5-7318-4add-
bb41-8cb3cdc5460c
SM_V9_4 iris    exon    29321154        29321275        .       -
        .
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SM_V9_4 iris    exon    29323796        29324319        .       -
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b102-87c34a0ab48e
SM_V9_4 iris    exon    29325284        29325576        .       -
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b43c-43af-918b-9004c52ddc9b
SM_V9_4 iris    exon    29325616        29325692        .       -
        .       Parent=Smp_059210.1;Name=ba12ee17-
b7cf-4d1d-86ad-593d930c46fb
SM_V9_4 iris    exon    29325835        29326103        .       -
        .       Parent=Smp_059210.1;Name=90e90c5a-c369-427a-
bc0b-4a8743de7da4
SM_V9_4 iris    exon    29327067        29327403        .       -
        .       Parent=Smp_059210.1;Name=9867778a-dc52-4710-bf60-
f4b572dc5608
SM_V9_4 iris    exon    29327440        29327866        .       -
        .       Parent=Smp_059210.1;Name=b9705856-bddf-4ccb-
b32f-49e3418e4e3b
SM_V9_4 iris    CDS     29318897        29319056        .       -
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SM_V9_4 iris    CDS     29321064        29321116        .       -
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SM_V9_4 iris    CDS     29321154        29321275        .       -
        2       Parent=Smp_059210.1
SM_V9_4 iris    CDS     29323796        29324319        .       -
        1       Parent=Smp_059210.1
SM_V9_4 iris    CDS     29325284        29325576        .       -
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SM_V9_4 iris    CDS     29325616        29325692        .       -
        2       Parent=Smp_059210.1
SM_V9_4 iris    CDS     29325835        29326103        .       -
        1       Parent=Smp_059210.1
SM_V9_4 iris    CDS     29327067        29327403        .       -
        2       Parent=Smp_059210.1
SM_V9_4 iris    CDS     29327440        29327659        .       -
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SM_V9_4 iris    mRNA    29318231        29327866        .       -
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protein;date_creation=2022-07-23
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Parent=Smp_059210.2;Name=c440bf7a-7960-4394-9232-234fafde965e
SM_V9_4 iris    exon    29320515        29321116        .       -
        .
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SM_V9_4 iris    exon    29321154        29321275        .       -
        .
Parent=Smp_059210.2;Name=4f48d1f3-3bad-46fe-9b49-7c6308bf490a
SM_V9_4 iris    exon    29323796        29324316        .       -
        .       Parent=Smp_059210.2;Name=b7db56f2-5fe9-4842-a49c-
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c1d45c693852
SM_V9_4 iris    exon    29325616        29325692        .       -
        .       Parent=Smp_059210.2;Name=0abdc4ac-cdb4-45d5-
bcdd-7588afe834ca
SM_V9_4 iris    exon    29325835        29326103        .       -
        .       Parent=Smp_059210.2;Name=3168e133-d7a2-493c-9b9c-
bf6e30c35624
SM_V9_4 iris    exon    29327067        29327403        .       -
        .       Parent=Smp_059210.2;Name=7677cf6d-
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SM_V9_4 iris    exon    29327440        29327866        .       -
        .       Parent=Smp_059210.2;Name=5f761d02-7565-4ea9-
aaa1-0da23d30d6aa
SM_V9_4 iris    CDS     29321060        29321116        .       -
        0       Parent=Smp_059210.2
SM_V9_4 iris    CDS     29321154        29321275        .       -
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SM_V9_4 iris    CDS     29323796        29324316        .       -
        1       Parent=Smp_059210.2
SM_V9_4 iris    CDS     29325284        29325576        .       -
        0       Parent=Smp_059210.2
SM_V9_4 iris    CDS     29325616        29325692        .       -
        2       Parent=Smp_059210.2
SM_V9_4 iris    CDS     29325835        29326103        .       -
        1       Parent=Smp_059210.2
SM_V9_4 iris    CDS     29327067        29327403        .       -
        2       Parent=Smp_059210.2
SM_V9_4 iris    CDS     29327440        29327659        .       -
        0       Parent=Smp_059210.2
SM_V9_4 Liftoff gene    29342478        29405951        .       -
        .       ID=Smp_153990;geneID=Smp_153990
SM_V9_4 Liftoff mRNA    29342478        29405951        .       -
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Pfam:PF00412
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SM_V9_4 Liftoff exon    29345526        29345622        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29347850        29347925        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29351848        29351979        .       -
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SM_V9_4 Liftoff exon    29357190        29357317        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29371006        29371059        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29373197        29373270        .       -
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SM_V9_4 Liftoff exon    29381048        29381187        .       -
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SM_V9_4 Liftoff exon    29381791        29381841        .       -
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SM_V9_4 Liftoff exon    29385941        29386222        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29394226        29394381        .       -
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SM_V9_4 Liftoff exon    29395390        29395481        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29396104        29396134        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29396445        29397080        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff exon    29401886        29405951        .       -
        .       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29343341        29343476        .       -
        1       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29345526        29345622        .       -
        2       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29347850        29347925        .       -
        0       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29351848        29351979        .       -
        0       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29357190        29357317        .       -
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SM_V9_4 Liftoff CDS     29371006        29371059        .       -
        2       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29373197        29373270        .       -
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SM_V9_4 Liftoff CDS     29381048        29381187        .       -
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        0       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29385941        29386222        .       -
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SM_V9_4 Liftoff CDS     29394226        29394381        .       -
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SM_V9_4 Liftoff CDS     29395390        29395481        .       -
        2       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29396104        29396134        .       -
        0       Parent=Smp_153990.1
SM_V9_4 Liftoff CDS     29396445        29397080        .       -
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SM_V9_4 Liftoff CDS     29401886        29401963        .       -
        0       Parent=Smp_153990.1
SM_V9_4 Liftoff mRNA    29342478        29405951        .       -
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Pfam:PF00412
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SM_V9_4 Liftoff exon    29345526        29345622        .       -
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SM_V9_4 Liftoff exon    29347850        29347925        .       -
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SM_V9_4 Liftoff exon    29351848        29351979        .       -
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SM_V9_4 Liftoff exon    29357190        29357317        .       -
        .       Parent=Smp_153990.2
SM_V9_4 Liftoff exon    29371006        29371059        .       -
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        .       Parent=Smp_153990.2
SM_V9_4 Liftoff exon    29381048        29381187        .       -
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SM_V9_4 Liftoff exon    29381791        29381841        .       -
        .       Parent=Smp_153990.2
SM_V9_4 Liftoff exon    29385941        29386222        .       -
        .       Parent=Smp_153990.2
SM_V9_4 Liftoff exon    29394226        29394381        .       -
        .       Parent=Smp_153990.2
SM_V9_4 Liftoff exon    29395390        29395481        .       -
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SM_V9_4 Liftoff exon    29396104        29396134        .       -
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SM_V9_4 Liftoff exon    29401886        29405951        .       -
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SM_V9_4 Liftoff CDS     29343341        29343476        .       -
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SM_V9_4 Liftoff CDS     29345526        29345622        .       -
        2       Parent=Smp_153990.2
SM_V9_4 Liftoff CDS     29347850        29347925        .       -
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SM_V9_4 Liftoff CDS     29351848        29351979        .       -
        0       Parent=Smp_153990.2
SM_V9_4 Liftoff CDS     29357190        29357317        .       -
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SM_V9_4 Liftoff CDS     29371006        29371059        .       -
        2       Parent=Smp_153990.2
SM_V9_4 Liftoff CDS     29373197        29373270        .       -
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SM_V9_4 Liftoff CDS     29381791        29381841        .       -
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SM_V9_4 Liftoff CDS     29385941        29386222        .       -
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SM_V9_4 Liftoff CDS     29394226        29394381        .       -
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SM_V9_4 Liftoff CDS     29395390        29395481        .       -
        2       Parent=Smp_153990.2
SM_V9_4 Liftoff CDS     29396104        29396134        .       -
        0       Parent=Smp_153990.2
SM_V9_4 Liftoff CDS     29401886        29401963        .       -
        0       Parent=Smp_153990.2
SM_V9_4 Liftoff mRNA    29342478        29405951        .       -
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SM_V9_4 Liftoff exon    29347850        29347925        .       -
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SM_V9_4 Liftoff exon    29351848        29351979        .       -
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SM_V9_4 Liftoff exon    29357190        29357317        .       -
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SM_V9_4 Liftoff exon    29371006        29371059        .       -
        .       Parent=Smp_153990.3
SM_V9_4 Liftoff exon    29373197        29373270        .       -
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SM_V9_4 Liftoff exon    29381048        29381187        .       -
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SM_V9_4 Liftoff exon    29395390        29395481        .       -
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SM_V9_4 Liftoff exon    29396104        29396134        .       -
        .       Parent=Smp_153990.3
SM_V9_4 Liftoff exon    29396445        29397080        .       -
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SM_V9_4 Liftoff exon    29401886        29405951        .       -
        .       Parent=Smp_153990.3
SM_V9_4 Liftoff CDS     29343341        29343476        .       -
        1       Parent=Smp_153990.3
SM_V9_4 Liftoff CDS     29345526        29345622        .       -
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SM_V9_4 Liftoff CDS     29347850        29347925        .       -
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SM_V9_4 Liftoff CDS     29351848        29351979        .       -
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SM_V9_4 Liftoff CDS     29357190        29357317        .       -
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SM_V9_4 Liftoff CDS     29371006        29371059        .       -
        2       Parent=Smp_153990.3
SM_V9_4 Liftoff CDS     29373197        29373270        .       -
        1       Parent=Smp_153990.3
SM_V9_4 Liftoff CDS     29381048        29381187        .       -
        0       Parent=Smp_153990.3
SM_V9_4 Liftoff CDS     29385941        29386222        .       -
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SM_V9_4 Liftoff CDS     29394226        29394381        .       -
        0       Parent=Smp_153990.3
SM_V9_4 Liftoff CDS     29395390        29395481        .       -
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SM_V9_4 Liftoff CDS     29396104        29396134        .       -
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SM_V9_4 Liftoff CDS     29396445        29397080        .       -
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SM_V9_4 Liftoff mRNA    29342478        29405951        .       -
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SM_V9_4 Liftoff exon    29347850        29347925        .       -
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SM_V9_4 Liftoff exon    29351848        29351979        .       -
        .       Parent=Smp_153990.4
SM_V9_4 Liftoff exon    29357190        29357317        .       -
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SM_V9_4 Liftoff exon    29394226        29394381        .       -
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SM_V9_4 Liftoff exon    29395390        29395481        .       -
        .       Parent=Smp_153990.4
SM_V9_4 Liftoff exon    29396104        29396134        .       -
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SM_V9_4 Liftoff exon    29401886        29405951        .       -
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SM_V9_4 Liftoff CDS     29343341        29343476        .       -
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SM_V9_4 Liftoff CDS     29345526        29345622        .       -
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SM_V9_4 Liftoff CDS     29347850        29347925        .       -
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SM_V9_4 Liftoff CDS     29351848        29351979        .       -
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SM_V9_4 Liftoff CDS     29357190        29357317        .       -
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SM_V9_4 Liftoff CDS     29371006        29371059        .       -
        2       Parent=Smp_153990.4
SM_V9_4 Liftoff CDS     29373197        29373270        .       -
        1       Parent=Smp_153990.4
SM_V9_4 Liftoff CDS     29381048        29381187        .       -
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SM_V9_4 Liftoff CDS     29394226        29394381        .       -
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SM_V9_4 Liftoff CDS     29395390        29395481        .       -
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SM_V9_4 Liftoff CDS     29396104        29396134        .       -
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SM_V9_4 Liftoff CDS     29401886        29401963        .       -
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SM_V9_4 Liftoff mRNA    29342478        29405951        .       -
        .
ID=Smp_153990.5;Parent=Smp_153990;geneID=Smp_153990;product=LIM
domain-containing protein 2;polypeptide_domain=InterPro:IPR001781
Pfam:PF00412
SM_V9_4 Liftoff exon    29342478        29343476        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29345526        29345622        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29347850        29347925        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29351848        29351979        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29357190        29357317        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29371006        29371059        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29373197        29373270        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29381048        29381187        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29381791        29381841        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29385941        29386222        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29394226        29394381        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29395390        29395481        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29396104        29396134        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29396192        29396221        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29396445        29397080        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff exon    29401886        29405951        .       -
        .       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29343341        29343476        .       -
        1       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29345526        29345622        .       -
        2       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29347850        29347925        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29351848        29351979        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29357190        29357317        .       -
        2       Parent=Smp_153990.5
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SM_V9_4 Liftoff CDS     29371006        29371059        .       -
        2       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29373197        29373270        .       -
        1       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29381048        29381187        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29381791        29381841        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29385941        29386222        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29394226        29394381        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29395390        29395481        .       -
        2       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29396104        29396134        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29396192        29396221        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29396445        29397080        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff CDS     29401886        29401963        .       -
        0       Parent=Smp_153990.5
SM_V9_4 Liftoff gene    29421045        29425557        .       +
        .       ID=Smp_126460;geneID=Smp_126460
SM_V9_4 Liftoff mRNA    29421045        29425557        .       +
        .
ID=Smp_126460.1;Parent=Smp_126460;geneID=Smp_126460;product=Serine/
threonine-protein kinase
16;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_4 Liftoff exon    29421045        29423778        .       +
        .       Parent=Smp_126460.1
SM_V9_4 Liftoff exon    29423817        29424054        .       +
        .       Parent=Smp_126460.1
SM_V9_4 Liftoff exon    29424090        29424229        .       +
        .       Parent=Smp_126460.1
SM_V9_4 Liftoff exon    29424267        29424387        .       +
        .       Parent=Smp_126460.1
SM_V9_4 Liftoff exon    29424421        29424516        .       +
        .       Parent=Smp_126460.1
SM_V9_4 Liftoff exon    29424561        29424691        .       +
        .       Parent=Smp_126460.1
SM_V9_4 Liftoff exon    29425163        29425557        .       +
        .       Parent=Smp_126460.1
SM_V9_4 Liftoff CDS     29423660        29423778        .       +
        0       Parent=Smp_126460.1
SM_V9_4 Liftoff CDS     29423817        29424054        .       +
        1       Parent=Smp_126460.1
SM_V9_4 Liftoff CDS     29424090        29424229        .       +
        0       Parent=Smp_126460.1
SM_V9_4 Liftoff CDS     29424267        29424387        .       +
        1       Parent=Smp_126460.1
SM_V9_4 Liftoff CDS     29424421        29424516        .       +
        0       Parent=Smp_126460.1
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SM_V9_4 Liftoff CDS     29424561        29424691        .       +
        0       Parent=Smp_126460.1
SM_V9_4 Liftoff CDS     29425163        29425316        .       +
        1       Parent=Smp_126460.1
SM_V9_4 iris    gene    29428910        29464299        .       -
        .
ID=Smp_126450;geneID=Smp_126450;gene_name=Smp_126450;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    29428910        29464299        .       -
        .
ID=Smp_126450.1;Parent=Smp_126450;geneID=Smp_126450;gene_name=Smp_12
6450;owner=irisadmin@local.host;orig_id=Smp_126450.1;date_last_modif
ied=2022-07-23;Name=Smp_126450.1;product=ATP-binding cassette sub-
family G member 2;date_creation=2022-07-23
SM_V9_4 iris    exon    29428910        29429572        .       -
        .       Parent=Smp_126450.1;Name=67d13719-6d65-41d7-
a28e-1bc2a8c92464
SM_V9_4 iris    exon    29432269        29432564        .       -
        .       Parent=Smp_126450.1;Name=08d795a6-90a7-49c0-
a867-4a61629ca655
SM_V9_4 iris    exon    29434319        29434598        .       -
        .       Parent=Smp_126450.1;Name=6b187501-4c9f-4e1e-
af88-65bbfa89562b
SM_V9_4 iris    exon    29440131        29440331        .       -
        .       Parent=Smp_126450.1;Name=aeb020dd-87f1-41a3-af54-
d86dd33e1fe9
SM_V9_4 iris    exon    29442868        29443278        .       -
        .       Parent=Smp_126450.1;Name=dc37030c-1259-4a19-
be79-62c9e24b2deb
SM_V9_4 iris    exon    29444140        29444307        .       -
        .       Parent=Smp_126450.1;Name=b06a2427-71ca-4818-b23a-
fa1fa7a8f733
SM_V9_4 iris    exon    29447744        29447834        .       -
        .       Parent=Smp_126450.1;Name=cb7fe1b3-6967-48fd-b4a0-
d3bfbcf5ff23
SM_V9_4 iris    exon    29449280        29449384        .       -
        .       Parent=Smp_126450.1;Name=528b2f73-1d0c-48c1-
b5f8-02ed9a482631
SM_V9_4 iris    exon    29450947        29451101        .       -
        .       Parent=Smp_126450.1;Name=9dfce56e-b526-4bba-8e8c-
bac3d0d9eaaf
SM_V9_4 iris    exon    29454241        29454398        .       -
        .
Parent=Smp_126450.1;Name=57677047-336a-479e-82c6-64de317e1390
SM_V9_4 iris    exon    29456740        29456892        .       -
        .
Parent=Smp_126450.1;Name=54ff4519-8abb-4844-9fe0-7a4b31d4b90c
SM_V9_4 iris    exon    29460117        29460234        .       -
        .       Parent=Smp_126450.1;Name=f13e631f-ddf5-4a69-
b9a2-2d8cdc0061f0
SM_V9_4 iris    exon    29461653        29461712        .       -
        .       Parent=Smp_126450.1;Name=a19f9772-e1fb-4519-
a8a3-7211e4702c2a
SM_V9_4 iris    exon    29463088        29463322        .       -
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        .       Parent=Smp_126450.1;Name=21f7e37d-
b250-449f-838c-77337349f450
SM_V9_4 iris    exon    29464213        29464299        .       -
        .       Parent=Smp_126450.1;Name=e3496bf1-764f-4226-
be50-97180ef9cb5e
SM_V9_4 iris    CDS     29429422        29429572        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29432269        29432564        .       -
        0       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29434319        29434598        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29440131        29440331        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29442868        29443278        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29444140        29444307        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29447744        29447834        .       -
        2       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29449280        29449384        .       -
        2       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29450947        29451101        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29454241        29454398        .       -
        0       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29456740        29456892        .       -
        0       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29460117        29460234        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29461653        29461712        .       -
        1       Parent=Smp_126450.1
SM_V9_4 iris    CDS     29463088        29463248        .       -
        0       Parent=Smp_126450.1
SM_V9_4 Liftoff gene    29479357        29482503        .       +
        .       ID=Smp_007970;geneID=Smp_007970
SM_V9_4 Liftoff mRNA    29479357        29482503        .       +
        .
ID=Smp_007970.1;Parent=Smp_007970;geneID=Smp_007970;product=Ribosome
maturation protein
SBDS;polypeptide_domain=InterPro:IPR002140,IPR018023,IPR018978,IPR01
9783 Pfam:PF01172,PF09377;Ontology_term=GO:0042254,GO:0042256
SM_V9_4 Liftoff exon    29479357        29479544        .       +
        .       Parent=Smp_007970.1
SM_V9_4 Liftoff exon    29479576        29479705        .       +
        .       Parent=Smp_007970.1
SM_V9_4 Liftoff exon    29479739        29479939        .       +
        .       Parent=Smp_007970.1
SM_V9_4 Liftoff exon    29479971        29480147        .       +
        .       Parent=Smp_007970.1
SM_V9_4 Liftoff exon    29482055        29482503        .       +
        .       Parent=Smp_007970.1
SM_V9_4 Liftoff CDS     29479417        29479544        .       +
        0       Parent=Smp_007970.1
SM_V9_4 Liftoff CDS     29479576        29479705        .       +
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        1       Parent=Smp_007970.1
SM_V9_4 Liftoff CDS     29479739        29479939        .       +
        0       Parent=Smp_007970.1
SM_V9_4 Liftoff CDS     29479971        29480147        .       +
        0       Parent=Smp_007970.1
SM_V9_4 Liftoff CDS     29482055        29482387        .       +
        0       Parent=Smp_007970.1
SM_V9_4 Liftoff gene    29484645        29500350        .       +
        .       ID=Smp_007960;geneID=Smp_007960
SM_V9_4 Liftoff mRNA    29484645        29500350        .       +
        .
ID=Smp_007960.1;Parent=Smp_007960;geneID=Smp_007960;product=4-
hydroxyphenylpyruvate dioxygenase-like
protein;polypeptide_domain=InterPro:IPR004360,IPR029068 Pfam:PF00903
SM_V9_4 Liftoff exon    29484645        29488413        .       +
        .       Parent=Smp_007960.1
SM_V9_4 Liftoff exon    29488459        29488604        .       +
        .       Parent=Smp_007960.1
SM_V9_4 Liftoff exon    29496345        29496496        .       +
        .       Parent=Smp_007960.1
SM_V9_4 Liftoff exon    29497935        29498041        .       +
        .       Parent=Smp_007960.1
SM_V9_4 Liftoff exon    29499819        29500350        .       +
        .       Parent=Smp_007960.1
SM_V9_4 Liftoff CDS     29487929        29488413        .       +
        0       Parent=Smp_007960.1
SM_V9_4 Liftoff CDS     29488459        29488604        .       +
        1       Parent=Smp_007960.1
SM_V9_4 Liftoff CDS     29496345        29496496        .       +
        2       Parent=Smp_007960.1
SM_V9_4 Liftoff CDS     29497935        29498041        .       +
        0       Parent=Smp_007960.1
SM_V9_4 Liftoff CDS     29499819        29499966        .       +
        1       Parent=Smp_007960.1
SM_V9_4 Liftoff mRNA    29484645        29500350        .       +
        .
ID=Smp_007960.2;Parent=Smp_007960;geneID=Smp_007960;product=4-
hydroxyphenylpyruvate dioxygenase-like
protein;polypeptide_domain=InterPro:IPR004360,IPR029068 Pfam:PF00903
SM_V9_4 Liftoff exon    29484645        29488413        .       +
        .       Parent=Smp_007960.2
SM_V9_4 Liftoff exon    29488459        29488604        .       +
        .       Parent=Smp_007960.2
SM_V9_4 Liftoff exon    29496345        29496496        .       +
        .       Parent=Smp_007960.2
SM_V9_4 Liftoff exon    29497935        29498041        .       +
        .       Parent=Smp_007960.2
SM_V9_4 Liftoff exon    29499819        29500350        .       +
        .       Parent=Smp_007960.2
SM_V9_4 Liftoff CDS     29487770        29488413        .       +
        0       Parent=Smp_007960.2
SM_V9_4 Liftoff CDS     29488459        29488604        .       +
        1       Parent=Smp_007960.2
SM_V9_4 Liftoff CDS     29496345        29496496        .       +
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        2       Parent=Smp_007960.2
SM_V9_4 Liftoff CDS     29497935        29498041        .       +
        0       Parent=Smp_007960.2
SM_V9_4 Liftoff CDS     29499819        29499966        .       +
        1       Parent=Smp_007960.2
SM_V9_4 Liftoff mRNA    29484645        29500350        .       +
        .
ID=Smp_007960.3;Parent=Smp_007960;geneID=Smp_007960;product=4-
hydroxyphenylpyruvate dioxygenase-like
protein;polypeptide_domain=InterPro:IPR029068
SM_V9_4 Liftoff exon    29484645        29487534        .       +
        .       Parent=Smp_007960.3
SM_V9_4 Liftoff exon    29496345        29496496        .       +
        .       Parent=Smp_007960.3
SM_V9_4 Liftoff exon    29497935        29498041        .       +
        .       Parent=Smp_007960.3
SM_V9_4 Liftoff exon    29499819        29500350        .       +
        .       Parent=Smp_007960.3
SM_V9_4 Liftoff CDS     29487510        29487534        .       +
        0       Parent=Smp_007960.3
SM_V9_4 Liftoff CDS     29496345        29496496        .       +
        2       Parent=Smp_007960.3
SM_V9_4 Liftoff CDS     29497935        29498041        .       +
        0       Parent=Smp_007960.3
SM_V9_4 Liftoff CDS     29499819        29499966        .       +
        1       Parent=Smp_007960.3
SM_V9_4 Liftoff gene    29511960        29513361        .       -
        .
ID=Smp_340160;geneID=Smp_340160;previous_systematic_id=Smp_007950
SM_V9_4 Liftoff mRNA    29511960        29513361        .       -
        .
ID=Smp_340160.1;Parent=Smp_340160;geneID=Smp_340160;product=Beta-1,4
-galactosyltransferase
2;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR02904
4 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_4 Liftoff exon    29511960        29513361        .       -
        .       Parent=Smp_340160.1
SM_V9_4 Liftoff CDS     29512134        29513219        .       -
        0       Parent=Smp_340160.1
SM_V9_4 Liftoff gene    29545185        29545681        .       +
        .       ID=Smp_071000;geneID=Smp_071000
SM_V9_4 Liftoff mRNA    29545185        29545681        .       +
        .
ID=Smp_071000.1;Parent=Smp_071000;geneID=Smp_071000;product=26S
proteasome complex subunit
SEM1;polypeptide_domain=InterPro:IPR007834
Pfam:PF05160;Ontology_term=GO:0006406,GO:0008541,GO:0043248
SM_V9_4 Liftoff exon    29545185        29545379        .       +
        .       Parent=Smp_071000.1
SM_V9_4 Liftoff exon    29545420        29545513        .       +
        .       Parent=Smp_071000.1
SM_V9_4 Liftoff exon    29545548        29545681        .       +
        .       Parent=Smp_071000.1
SM_V9_4 Liftoff CDS     29545247        29545379        .       +
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        0       Parent=Smp_071000.1
SM_V9_4 Liftoff CDS     29545420        29545513        .       +
        2       Parent=Smp_071000.1
SM_V9_4 Liftoff CDS     29545548        29545611        .       +
        1       Parent=Smp_071000.1
SM_V9_4 iris    gene    29548487        29578456        .       +
        .
ID=Smp_160700;geneID=Smp_160700;gene_name=Smp_160700;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    29548487        29578456        .       +
        .
ID=Smp_160700.1;Parent=Smp_160700;geneID=Smp_160700;gene_name=Smp_16
0700;owner=irisadmin@local.host;orig_id=Smp_160700.2;date_last_modif
ied=2022-07-23;Name=Smp_160700.1;product=Histone-lysine N-
methyltransferase NSD2;date_creation=2022-07-23
SM_V9_4 iris    exon    29548487        29549013        .       +
        .       Parent=Smp_160700.1;Name=f78511a0-ae62-4371-86af-
d6c8a2b4dc6b
SM_V9_4 iris    exon    29549966        29550240        .       +
        .       Parent=Smp_160700.1;Name=9a5daae4-a2e1-434f-
a9f2-8d04b8e16bab
SM_V9_4 iris    exon    29554485        29554669        .       +
        .       Parent=Smp_160700.1;Name=66429be1-
a50c-42bb-9096-8e4c171a29cf
SM_V9_4 iris    exon    29556063        29556264        .       +
        .       Parent=Smp_160700.1;Name=c867abda-
e664-49ad-9544-46f5c600b47c
SM_V9_4 iris    exon    29557103        29557317        .       +
        .       Parent=Smp_160700.1;Name=28d3e078-6114-49e1-b8a1-
d4dbcd537bc1
SM_V9_4 iris    exon    29558303        29558857        .       +
        .       Parent=Smp_160700.1;Name=b43fa8d9-176e-4467-85e1-
ee9f70a56a2b
SM_V9_4 iris    exon    29560289        29560759        .       +
        .       Parent=Smp_160700.1;Name=ea57e1ed-
d2ce-4b0c-91ce-5d7c80bdf2ba
SM_V9_4 iris    exon    29562327        29562551        .       +
        .
Parent=Smp_160700.1;Name=13cdbf8d-39fe-49ec-85b8-0d96f453848b
SM_V9_4 iris    exon    29567623        29568110        .       +
        .
Parent=Smp_160700.1;Name=d9c1a2fb-4d3f-4b60-820d-39626a162112
SM_V9_4 iris    exon    29570066        29570567        .       +
        .       Parent=Smp_160700.1;Name=246d3742-d8b9-42c3-
a555-95757e2ce50c
SM_V9_4 iris    exon    29571580        29571855        .       +
        .       Parent=Smp_160700.1;Name=3b7be3ae-d9e5-4c0f-
bfce-42ef363c63f6
SM_V9_4 iris    exon    29573319        29573563        .       +
        .       Parent=Smp_160700.1;Name=3ae63f91-2c94-4bab-a423-
c2561910f637
SM_V9_4 iris    exon    29574256        29574690        .       +
        .       Parent=Smp_160700.1;Name=e618d7a2-0505-458a-8d96-
bf7e447a636b
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SM_V9_4 iris    exon    29575866        29576263        .       +
        .       Parent=Smp_160700.1;Name=8890c0e7-f12b-4b1b-
b2c4-2ae50ba65e5e
SM_V9_4 iris    exon    29576359        29576579        .       +
        .
Parent=Smp_160700.1;Name=31249ab1-40e4-4b43-8c15-8bffd538516e
SM_V9_4 iris    exon    29577917        29578456        .       +
        .       Parent=Smp_160700.1;Name=05747293-a3a7-4061-a390-
dc22aad85fe4
SM_V9_4 iris    CDS     29548496        29549013        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29549966        29550240        .       +
        1       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29554485        29554669        .       +
        2       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29556063        29556264        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29557103        29557317        .       +
        2       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29558303        29558857        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29560289        29560759        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29562327        29562551        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29567623        29568110        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29570066        29570567        .       +
        1       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29571580        29571855        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29573319        29573563        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29574256        29574690        .       +
        1       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29575866        29576263        .       +
        1       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29576359        29576579        .       +
        2       Parent=Smp_160700.1
SM_V9_4 iris    CDS     29577917        29578294        .       +
        0       Parent=Smp_160700.1
SM_V9_4 iris    gene    29593998        29603747        .       +
        .
ID=Smp_350000;geneID=Smp_350000;gene_name=Smp_350000;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    29593998        29603747        .       +
        .
ID=Smp_350000.1;Parent=Smp_350000;geneID=Smp_350000;gene_name=Smp_35
0000;owner=irisadmin@local.host;orig_id=Smp_345220.1;date_last_modif
ied=2022-08-19;Name=Smp_350000.1;date_creation=2022-08-19
SM_V9_4 iris    exon    29593998        29594263        .       +
        .
Parent=Smp_350000.1;Name=228d9f61-23e5-42d1-9c29-2fb0d9332353
SM_V9_4 iris    exon    29600723        29600856        .       +
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        .       Parent=Smp_350000.1;Name=a978261e-5f31-47e6-9f25-
adb62e6fc52f
SM_V9_4 iris    exon    29600894        29600967        .       +
        .       Parent=Smp_350000.1;Name=84b99e41-379f-4396-bd49-
ae70f0a94aec
SM_V9_4 iris    exon    29601003        29601337        .       +
        .       Parent=Smp_350000.1;Name=82c8b73a-3320-47f3-
bae5-2e088a1ef6ab
SM_V9_4 iris    exon    29602074        29603747        .       +
        .
Parent=Smp_350000.1;Name=4a4de9a2-29b0-452c-871a-3b0fe265f3f6
SM_V9_4 iris    CDS     29600757        29600856        .       +
        0       Parent=Smp_350000.1
SM_V9_4 iris    CDS     29600894        29600967        .       +
        2       Parent=Smp_350000.1
SM_V9_4 iris    CDS     29601003        29601337        .       +
        0       Parent=Smp_350000.1
SM_V9_4 iris    CDS     29602074        29602194        .       +
        1       Parent=Smp_350000.1
SM_V9_4 iris    gene    29603749        29633134        .       +
        .
ID=Smp_345220;geneID=Smp_345220;gene_name=Smp_345220;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    29603749        29633134        .       +
        .
ID=Smp_345220.1;Parent=Smp_345220;geneID=Smp_345220;gene_name=Smp_34
5220;owner=irisadmin@local.host;orig_id=Smp_345220.1;date_last_modif
ied=2022-08-19;Name=Smp_345220.1;product=Breast cancer type 2
susceptibility protein homolog;date_creation=2022-08-19
SM_V9_4 iris    exon    29603749        29604259        .       +
        .       Parent=Smp_345220.1;Name=Smp_345220.1-CDS
SM_V9_4 iris    exon    29605584        29606054        .       +
        .
Parent=Smp_345220.1;Name=26fe1c17-286f-4d28-9171-234d94ef0778
SM_V9_4 iris    exon    29608591        29608800        .       +
        .
Parent=Smp_345220.1;Name=b0ef45da-5426-4494-9f78-91c346fa2925
SM_V9_4 iris    exon    29609354        29609450        .       +
        .       Parent=Smp_345220.1;Name=70f1290f-c7f4-4bda-ad50-
e7cac8a772fb
SM_V9_4 iris    exon    29615335        29615733        .       +
        .       Parent=Smp_345220.1;Name=86891a27-2558-46a8-
a705-08f3db0b5bd1
SM_V9_4 iris    exon    29617823        29618060        .       +
        .       Parent=Smp_345220.1;Name=c85e176e-
d546-4aee-9831-07e349ec855c
SM_V9_4 iris    exon    29619524        29619723        .       +
        .       Parent=Smp_345220.1;Name=6c4addf3-4a55-4a00-
abeb-0de0b3bfa219
SM_V9_4 iris    exon    29619892        29619955        .       +
        .
Parent=Smp_345220.1;Name=611a83e9-20f7-4f00-822b-923513842cdf
SM_V9_4 iris    exon    29621765        29621850        .       +
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Parent=Smp_345220.1;Name=2708c2a7-982f-45d8-9a83-334a2486f4e7
SM_V9_4 iris    exon    29622517        29622796        .       +
        .       Parent=Smp_345220.1;Name=376afe55-
b16e-4d26-832c-3f3fc19fc6e7
SM_V9_4 iris    exon    29623372        29623607        .       +
        .       Parent=Smp_345220.1;Name=f4533de6-46a1-42c5-
a475-088da1497be0
SM_V9_4 iris    exon    29624183        29624401        .       +
        .       Parent=Smp_345220.1;Name=cb769b94-a16c-4048-
b612-90969a8e7e18
SM_V9_4 iris    exon    29625627        29625956        .       +
        .       Parent=Smp_345220.1;Name=be4ce656-0e7a-413d-a15a-
f51fb0aca7c7
SM_V9_4 iris    exon    29627923        29628009        .       +
        .       Parent=Smp_345220.1;Name=a2e99554-
ac0d-444c-95b4-180161aa6802
SM_V9_4 iris    exon    29630341        29630712        .       +
        .       Parent=Smp_345220.1;Name=f45b7aa1-8e5a-4ade-82fa-
e1301a83c281
SM_V9_4 iris    exon    29632629        29633134        .       +
        .       Parent=Smp_345220.1;Name=f8ea17df-ab58-4f08-
ad87-169f0ad17e9b
SM_V9_4 iris    CDS     29604240        29604259        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29605584        29606054        .       +
        1       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29608591        29608800        .       +
        1       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29609354        29609450        .       +
        1       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29615335        29615733        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29617823        29618060        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29619524        29619723        .       +
        2       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29619892        29619955        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29621765        29621850        .       +
        2       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29622517        29622796        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29623372        29623607        .       +
        2       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29624183        29624401        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29625627        29625956        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29627923        29628009        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29630341        29630712        .       +
        0       Parent=Smp_345220.1
SM_V9_4 iris    CDS     29632629        29632868        .       +
        0       Parent=Smp_345220.1
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SM_V9_4 Liftoff gene    29635708        29661781        .       -
        .       ID=Smp_160670;geneID=Smp_160670
SM_V9_4 Liftoff mRNA    29635708        29661781        .       -
        .
ID=Smp_160670.1;Parent=Smp_160670;geneID=Smp_160670;product=Paired
box protein
Pax-6;polypeptide_domain=InterPro:IPR001356,IPR001523,IPR009057,IPR0
11991,IPR017970
Pfam:PF00046,PF00292;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    29635708        29636637        .       -
        .       Parent=Smp_160670.1
SM_V9_4 Liftoff exon    29638845        29639648        .       -
        .       Parent=Smp_160670.1
SM_V9_4 Liftoff exon    29641264        29643055        .       -
        .       Parent=Smp_160670.1
SM_V9_4 Liftoff exon    29647586        29647932        .       -
        .       Parent=Smp_160670.1
SM_V9_4 Liftoff exon    29657123        29661781        .       -
        .       Parent=Smp_160670.1
SM_V9_4 Liftoff CDS     29635868        29636637        .       -
        2       Parent=Smp_160670.1
SM_V9_4 Liftoff CDS     29638845        29639648        .       -
        2       Parent=Smp_160670.1
SM_V9_4 Liftoff CDS     29641264        29643055        .       -
        0       Parent=Smp_160670.1
SM_V9_4 Liftoff CDS     29647586        29647932        .       -
        2       Parent=Smp_160670.1
SM_V9_4 Liftoff CDS     29657123        29657186        .       -
        0       Parent=Smp_160670.1
SM_V9_4 iris    gene    29691245        29716087        .       +
        .
ID=Smp_347040;geneID=Smp_347040;gene_name=Smp_347040;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    29691245        29716087        .       +
        .
ID=Smp_347040.1;Parent=Smp_347040;geneID=Smp_347040;gene_name=Smp_34
7040;owner=irisadmin@local.host;orig_id=Smp_347040.4;date_last_modif
ied=2022-07-23;Name=Smp_347040.1;product=Uncharacterized protein
KIAA0930 homolog;date_creation=2022-07-23
SM_V9_4 iris    exon    29691245        29691471        .       +
        .       Parent=Smp_347040.1;Name=3bd6728b-2c74-49dc-
aadf-45ec30ba4341
SM_V9_4 iris    exon    29692323        29692478        .       +
        .       Parent=Smp_347040.1;Name=90eb4110-fb59-4c88-abdd-
c039e7f632b0
SM_V9_4 iris    exon    29693777        29693946        .       +
        .       Parent=Smp_347040.1;Name=2b379e1a-bb95-4a6f-
b618-159d5e358b34
SM_V9_4 iris    exon    29698427        29698531        .       +
        .       Parent=Smp_347040.1;Name=b7931c68-e6ca-4181-
b6a8-2f6e8db5702c
SM_V9_4 iris    exon    29701939        29702016        .       +
        .       Parent=Smp_347040.1;Name=0545d9d0-cf32-4214-8fa4-
b0f9d684bc0c
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SM_V9_4 iris    exon    29704629        29704730        .       +
        .       Parent=Smp_347040.1;Name=ffe45a8c-860b-488a-b81b-
d7e6dd2ec24d
SM_V9_4 iris    exon    29707366        29707509        .       +
        .       Parent=Smp_347040.1;Name=0cd56c8b-45a7-406c-
b1d6-2fc2a3c9affb
SM_V9_4 iris    exon    29708464        29708844        .       +
        .
Parent=Smp_347040.1;Name=d18fae83-8707-40d3-8ff3-0ff99bcc0431
SM_V9_4 iris    exon    29711637        29712174        .       +
        .       Parent=Smp_347040.1;Name=80a99958-d7f1-4698-
bb38-420923d84d53
SM_V9_4 iris    exon    29713559        29713726        .       +
        .       Parent=Smp_347040.1;Name=a7afecb7-251b-4c0d-
a9b2-93d2b9b11c74
SM_V9_4 iris    exon    29715736        29716087        .       +
        .
Parent=Smp_347040.1;Name=d78fefbd-6864-49d6-9567-46c2b50f4649
SM_V9_4 iris    CDS     29692349        29692478        .       +
        0       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29693777        29693946        .       +
        2       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29698427        29698531        .       +
        0       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29701939        29702016        .       +
        0       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29704629        29704730        .       +
        0       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29707366        29707509        .       +
        0       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29708464        29708844        .       +
        0       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29711637        29712174        .       +
        0       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29713559        29713726        .       +
        2       Parent=Smp_347040.1
SM_V9_4 iris    CDS     29715736        29715785        .       +
        2       Parent=Smp_347040.1
SM_V9_4 iris    gene    29716505        29721372        .       -
        .
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SM_V9_4 iris    mRNA    29716505        29721372        .       -
        .
ID=Smp_070930.1;Parent=Smp_070930;geneID=Smp_070930;gene_name=Smp_07
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ied=2022-07-23;Name=Smp_070930.1;product=Proteasome subunit alpha
type-4;date_creation=2022-07-23
SM_V9_4 iris    exon    29716505        29716704        .       -
        .       Parent=Smp_070930.1;Name=63f2a38e-
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SM_V9_4 iris    exon    29716773        29717112        .       -
        .
Parent=Smp_070930.1;Name=70acd9c9-3d07-4b84-802c-58bd2e76dfbd
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SM_V9_4 iris    exon    29720980        29721220        .       -
        .       Parent=Smp_070930.1;Name=c67917bb-1de2-42dc-a9ef-
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SM_V9_4 iris    exon    29721262        29721304        .       -
        .       Parent=Smp_070930.1;Name=8a909543-ba9f-4eb0-9f98-
c340d900cbb3
SM_V9_4 iris    exon    29721344        29721372        .       -
        .       Parent=Smp_070930.1;Name=524a9b99-cea4-453e-8ab8-
b00c4e8faff7
SM_V9_4 iris    CDS     29716588        29716704        .       -
        0       Parent=Smp_070930.1
SM_V9_4 iris    CDS     29716773        29717112        .       -
        1       Parent=Smp_070930.1
SM_V9_4 iris    CDS     29720980        29721220        .       -
        2       Parent=Smp_070930.1
SM_V9_4 iris    CDS     29721262        29721304        .       -
        0       Parent=Smp_070930.1
SM_V9_4 iris    CDS     29721344        29721346        .       -
        0       Parent=Smp_070930.1
SM_V9_4 Liftoff gene    29728395        29747203        .       +
        .
ID=Smp_310920;geneID=Smp_310920;previous_systematic_id=Smp_070920
SM_V9_4 Liftoff mRNA    29728395        29747203        .       +
        .
ID=Smp_310920.1;Parent=Smp_310920;geneID=Smp_310920;product=Sarcolem
mal membrane-associated
protein;polypeptide_domain=InterPro:IPR000253,IPR008984
Pfam:PF00498;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    29728395        29732470        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29732505        29732649        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29732689        29732755        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29732789        29732876        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29732916        29733011        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29733046        29733117        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29733217        29733357        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29734464        29734589        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29736627        29736771        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29738000        29738062        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29738723        29738815        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29739365        29739475        .       +
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        .       Parent=Smp_310920.1
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SM_V9_4 Liftoff exon    29742645        29742848        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29743302        29743370        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29743756        29743943        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29744876        29745073        .       +
        .       Parent=Smp_310920.1
SM_V9_4 Liftoff exon    29745348        29747203        .       +
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SM_V9_4 Liftoff CDS     29732252        29732470        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29732505        29732649        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29732689        29732755        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29732789        29732876        .       +
        1       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29732916        29733011        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29733046        29733117        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29733217        29733357        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29734464        29734589        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29736627        29736771        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29738000        29738062        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29738723        29738815        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29739365        29739475        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29741794        29742102        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29742645        29742848        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29743302        29743370        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29743756        29743943        .       +
        2       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29744876        29745073        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff CDS     29745348        29745428        .       +
        0       Parent=Smp_310920.1
SM_V9_4 Liftoff gene    29803975        29830454        .       +
        .
ID=Smp_212750;geneID=Smp_212750;previous_systematic_id=Smp_160650
SM_V9_4 Liftoff mRNA    29803975        29830454        .       +
        .
ID=Smp_212750.1;Parent=Smp_212750;geneID=Smp_212750;product=Hypothet
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protein;polypeptide_domain=InterPro:IPR000276,IPR017452;Ontology_ter
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SM_V9_4 Liftoff exon 29803975 29804788 . +
. Parent=Smp_212750.1
SM_V9_4 Liftoff exon 29813937 29815166 . +
. Parent=Smp_212750.1
SM_V9_4 Liftoff exon 29829703 29830454 . +
. Parent=Smp_212750.1
SM_V9_4 Liftoff CDS 29804075 29804788 . +
0 Parent=Smp_212750.1
SM_V9_4 Liftoff CDS 29813937 29815166 . +
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SM_V9_4 Liftoff gene 29844685 29856427 . +
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SM_V9_4 Liftoff CDS     29955399        29955679        .       +
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SM_V9_4 Liftoff CDS     29978750        29978862        .       +
        2       Parent=Smp_070860.1
SM_V9_4 Liftoff CDS     29978901        29980071        .       +
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SM_V9_4 Liftoff exon    29978750        29978862        .       +
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SM_V9_4 Liftoff CDS     29976916        29976937        .       +
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SM_V9_4 Liftoff CDS     29978750        29978862        .       +
        2       Parent=Smp_070860.2
SM_V9_4 Liftoff CDS     29978901        29980071        .       +
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94
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3450;owner=irisadmin@local.host;orig_id=Smp_313450.4;date_last_modif
ied=2022-07-23;Name=Smp_313450.1;product=Disintegrin and
metalloproteinase domain-containing protein
9;date_creation=2022-07-23
SM_V9_4 iris    exon    30053606        30055086        .       -
        .       Parent=Smp_313450.1;Name=1f1ea519-47f1-49ae-
ba9f-2af19d30cc11
SM_V9_4 iris    exon    30057838        30058169        .       -
        .       Parent=Smp_313450.1;Name=def6bde9-2ccd-4809-
af2e-1dba7e0d9cf2
SM_V9_4 iris    exon    30059621        30059703        .       -
        .       Parent=Smp_313450.1;Name=f24b7c3e-510a-4165-
afdc-5a8eb73d2b7a
SM_V9_4 iris    exon    30060573        30060774        .       -
        .
Parent=Smp_313450.1;Name=b1eeb3a3-93e5-4cb9-94b3-295477114c74
SM_V9_4 iris    exon    30061900        30062008        .       -
        .       Parent=Smp_313450.1;Name=9a79f427-4731-4c14-
ad5f-5c572437b771
SM_V9_4 iris    exon    30064780        30064854        .       -
        .       Parent=Smp_313450.1;Name=f39f03e1-
cbed-4eea-82d4-695188a446e7
SM_V9_4 iris    exon    30065337        30065610        .       -
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        .       Parent=Smp_313450.1;Name=488455b6-17a7-485b-
a7fe-19e627909aad
SM_V9_4 iris    exon    30067415        30067635        .       -
        .       Parent=Smp_313450.1;Name=f1012607-fe5f-427a-
a9ec-69e18bdf8c10
SM_V9_4 iris    exon    30077790        30078081        .       -
        .       Parent=Smp_313450.1;Name=6bf269bc-9c7d-4f61-
bbcb-38e7c461e165
SM_V9_4 iris    exon    30083504        30083857        .       -
        .       Parent=Smp_313450.1;Name=d3ceea0d-4373-4a4d-
bc98-9f7470a74aa1
SM_V9_4 iris    exon    30087941        30088068        .       -
        .       Parent=Smp_313450.1;Name=7144c2bf-4f39-43db-8bdf-
b4ac5512f453
SM_V9_4 iris    exon    30089065        30089152        .       -
        .       Parent=Smp_313450.1;Name=571718d8-
c800-4e7a-9a0d-264679ceedcd
SM_V9_4 iris    exon    30092329        30092489        .       -
        .
Parent=Smp_313450.1;Name=a0083fd5-253b-4af1-9231-6e9452d70d7c
SM_V9_4 iris    exon    30110636        30110707        .       -
        .
Parent=Smp_313450.1;Name=cc9bdb58-67f0-40f9-825c-1d798c256e66
SM_V9_4 iris    exon    30116767        30116856        .       -
        .       Parent=Smp_313450.1;Name=46f45605-3c4c-46f9-
bc43-6fc98d7de9b9
SM_V9_4 iris    exon    30118693        30118715        .       -
        .       Parent=Smp_313450.1;Name=f01fb705-02f9-4223-
a670-6bfd78815344
SM_V9_4 iris    exon    30127520        30127872        .       -
        .
Parent=Smp_313450.1;Name=f6931c9f-8a00-4312-9080-7facd53bdcd2
SM_V9_4 iris    exon    30128955        30129076        .       -
        .       Parent=Smp_313450.1;Name=8e3d7c52-902d-44f2-afa1-
c07199c101b0
SM_V9_4 iris    exon    30130756        30130881        .       -
        .       Parent=Smp_313450.1;Name=ccb6de5f-41e1-4dbd-8f28-
a2435b6c3a9d
SM_V9_4 iris    exon    30130920        30130993        .       -
        .       Parent=Smp_313450.1;Name=f510bfb6-3f2b-4238-
a802-99afcdbdbd03
SM_V9_4 iris    exon    30131034        30131171        .       -
        .       Parent=Smp_313450.1;Name=aada515a-bfc9-4fe7-b6c8-
f649bb7957c4
SM_V9_4 iris    CDS     30055051        30055086        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30057838        30058169        .       -
        2       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30059621        30059703        .       -
        1       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30060573        30060774        .       -
        2       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30061900        30062008        .       -
        0       Parent=Smp_313450.1
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SM_V9_4 iris    CDS     30064780        30064854        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30065337        30065610        .       -
        1       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30067415        30067635        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30077790        30078081        .       -
        1       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30083504        30083857        .       -
        1       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30087941        30088068        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30089065        30089152        .       -
        1       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30092329        30092489        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30110636        30110707        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30116767        30116856        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30118693        30118715        .       -
        2       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30127520        30127872        .       -
        1       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30128955        30129076        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30130756        30130881        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30130920        30130993        .       -
        2       Parent=Smp_313450.1
SM_V9_4 iris    CDS     30131034        30131073        .       -
        0       Parent=Smp_313450.1
SM_V9_4 iris    mRNA    30103261        30131171        .       -
        .
ID=Smp_313450.2;Parent=Smp_313450;geneID=Smp_313450;gene_name=Smp_31
3450;owner=irisadmin@local.host;orig_id=Smp_313450.3;date_last_modif
ied=2022-07-23;Name=Smp_313450.2;product=Disintegrin and
metalloproteinase domain-containing protein
9;date_creation=2022-07-23
SM_V9_4 iris    exon    30103261        30103867        .       -
        .       Parent=Smp_313450.2;Name=ccc04410-1735-45e1-aa64-
b333b84d68f5
SM_V9_4 iris    exon    30110636        30110707        .       -
        .
Parent=Smp_313450.2;Name=d702d310-07ec-4d61-888f-052985035fd9
SM_V9_4 iris    exon    30116767        30116856        .       -
        .       Parent=Smp_313450.2;Name=24e558a3-d0e6-4b04-
b425-2bcdb55b90da
SM_V9_4 iris    exon    30118693        30118715        .       -
        .       Parent=Smp_313450.2;Name=9d0b9103-63fe-4191-a652-
d9a27695a683
SM_V9_4 iris    exon    30127520        30127872        .       -
        .
Parent=Smp_313450.2;Name=82004775-25ed-4e56-8062-89b32e63be1d
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SM_V9_4 iris    exon    30128955        30129076        .       -
        .       Parent=Smp_313450.2;Name=5c2950c4-6ebe-4b4e-a261-
da329ef6bc13
SM_V9_4 iris    exon    30130756        30130881        .       -
        .       Parent=Smp_313450.2;Name=57528edd-958d-4875-
b52b-041af5eca1c1
SM_V9_4 iris    exon    30130920        30130993        .       -
        .       Parent=Smp_313450.2;Name=ca92d124-e9ae-4220-b418-
d0318d995619
SM_V9_4 iris    exon    30131034        30131171        .       -
        .       Parent=Smp_313450.2;Name=47a4b295-7b97-46b5-b4c1-
eb0852e89eb8
SM_V9_4 iris    CDS     30103817        30103867        .       -
        0       Parent=Smp_313450.2
SM_V9_4 iris    CDS     30110636        30110707        .       -
        0       Parent=Smp_313450.2
SM_V9_4 iris    CDS     30116767        30116856        .       -
        0       Parent=Smp_313450.2
SM_V9_4 iris    CDS     30118693        30118715        .       -
        2       Parent=Smp_313450.2
SM_V9_4 iris    CDS     30127520        30127872        .       -
        1       Parent=Smp_313450.2
SM_V9_4 iris    CDS     30128955        30129076        .       -
        0       Parent=Smp_313450.2
SM_V9_4 iris    CDS     30130756        30130881        .       -
        0       Parent=Smp_313450.2
SM_V9_4 iris    CDS     30130920        30130958        .       -
        0       Parent=Smp_313450.2
SM_V9_4 iris    gene    30170330        30203252        .       -
        .
ID=Smp_348000;geneID=Smp_348000;gene_name=Smp_348000;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    30170330        30203252        .       -
        .
ID=Smp_348000.1;Parent=Smp_348000;geneID=Smp_348000;gene_name=Smp_34
8000;owner=irisadmin@local.host;orig_id=Smp_348000.1;date_last_modif
ied=2022-08-15;Name=Smp_348000.1;product=Osmotic avoidance abnormal
protein 3;date_creation=2022-07-23
SM_V9_4 iris    exon    30170330        30170448        .       -
        .       Parent=Smp_348000.1;Name=966e9907-5aad-415a-
b2d9-4eb7e40899e8
SM_V9_4 iris    exon    30171098        30171166        .       -
        .       Parent=Smp_348000.1;Name=8d17cb6e-b056-42f9-
aa9b-8cbd2fb6dd7c
SM_V9_4 iris    exon    30171202        30171258        .       -
        .       Parent=Smp_348000.1;Name=a688012d-f277-4854-b47c-
ade6c49dd41c
SM_V9_4 iris    exon    30171417        30171476        .       -
        .       Parent=Smp_348000.1;Name=3fa1a19b-476c-494c-9922-
a4ecdd76d712
SM_V9_4 iris    exon    30172050        30172112        .       -
        .
Parent=Smp_348000.1;Name=e7bad022-5a35-43b1-8247-39b580d9a2fb
SM_V9_4 iris    exon    30173060        30173113        .       -
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        .       Parent=Smp_348000.1;Name=4b969802-
fd65-4c24-86fc-59584fa1f5b7
SM_V9_4 iris    exon    30173734        30173778        .       -
        .       Parent=Smp_348000.1;Name=2a15e965-cd57-4503-bd87-
c01fa34cfed0
SM_V9_4 iris    exon    30174263        30174331        .       -
        .       Parent=Smp_348000.1;Name=982e85a9-2760-44f5-
a105-55146a4345ec
SM_V9_4 iris    exon    30175075        30175128        .       -
        .
Parent=Smp_348000.1;Name=c21f39cd-0588-4acb-8adc-30de9f3170e4
SM_V9_4 iris    exon    30175906        30175947        .       -
        .       Parent=Smp_348000.1;Name=e543b9c6-0304-48cf-b829-
db97079d26e9
SM_V9_4 iris    exon    30176297        30176353        .       -
        .
Parent=Smp_348000.1;Name=3d7fa490-2274-4373-968e-13a4bcfd89da
SM_V9_4 iris    exon    30176773        30176835        .       -
        .       Parent=Smp_348000.1;Name=1b51837e-e185-491a-852f-
deb2d76b7537
SM_V9_4 iris    exon    30177339        30177407        .       -
        .
Parent=Smp_348000.1;Name=5d138e48-89a9-49f7-82bc-0b3aea8eeedc
SM_V9_4 iris    exon    30203181        30203252        .       -
        .
Parent=Smp_348000.1;Name=6e73cd8a-02b7-467e-901e-995283a024d6
SM_V9_4 iris    CDS     30170447        30170448        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30171098        30171166        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30171202        30171258        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30171417        30171476        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30172050        30172112        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30173060        30173113        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30173734        30173778        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30174263        30174331        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30175075        30175128        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30175906        30175947        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30176297        30176353        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30176773        30176835        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30177339        30177407        .       -
        2       Parent=Smp_348000.1
SM_V9_4 iris    CDS     30203181        30203235        .       -
        0       Parent=Smp_348000.1
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SM_V9_4 iris    gene    30232505        30252326        .       -
       .
ID=Smp_348010;geneID=Smp_348010;gene_name=Smp_348010;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-23
SM_V9_4 iris    mRNA    30232505        30252326        .       -
       .
ID=Smp_348010.1;Parent=Smp_348010;geneID=Smp_348010;gene_name=Smp_34
8010;owner=irisadmin@local.host;orig_id=Smp_348010.1;date_last_modif
ied=2022-08-15;Name=Smp_348010.1;product=Osmotic avoidance abnormal
protein 3;date_creation=2022-07-23
SM_V9_4 iris    exon    30232505        30232621        .       -
       .       Parent=Smp_348010.1;Name=b8f20d8d-40b3-4189-
bc5f-8b250551f20d
SM_V9_4 iris    exon    30233271        30233339        .       -
       .
Parent=Smp_348010.1;Name=4771ebe8-655a-4f8e-888a-2c9862dd891d
SM_V9_4 iris    exon    30233375        30233431        .       -
       .       Parent=Smp_348010.1;Name=cedc7b1e-
b132-488a-8cd2-5db66a84f66e
SM_V9_4 iris    exon    30233591        30233650        .       -
       .
Parent=Smp_348010.1;Name=2f767d45-4f2a-48ac-8464-6df79293d805
SM_V9_4 iris    exon    30234224        30234286        .       -
       .
Parent=Smp_348010.1;Name=56e9cf70-2efd-427f-812f-9ae1b7427ce1
SM_V9_4 iris    exon    30238448        30238501        .       -
       .       Parent=Smp_348010.1;Name=0d0093db-e116-4198-b425-
b9a53c2a101f
SM_V9_4 iris    exon    30239122        30239166        .       -
       .       Parent=Smp_348010.1;Name=10111992-e554-4ebe-980e-
a9e62838cbec
SM_V9_4 iris    exon    30239651        30239719        .       -
       .
Parent=Smp_348010.1;Name=5bc3b4db-29b9-4b65-98a8-7961324bf8d8
SM_V9_4 iris    exon    30240463        30240516        .       -
       .       Parent=Smp_348010.1;Name=1d8f0d9c-d16f-4a87-
aad7-69ff88e7e45b
SM_V9_4 iris    exon    30241271        30241312        .       -
       .       Parent=Smp_348010.1;Name=483c6980-
c8fd-4d76-94e7-0926cf0b9629
SM_V9_4 iris    exon    30241662        30241718        .       -
       .       Parent=Smp_348010.1;Name=af4fb5ff-e2fb-4a41-a6ac-
fa830100d706
SM_V9_4 iris    exon    30242138        30242200        .       -
       .       Parent=Smp_348010.1;Name=7801e55c-
a27b-44a6-83ce-5367606e6493
SM_V9_4 iris    exon    30242704        30242772        .       -
       .
Parent=Smp_348010.1;Name=af82919e-6106-4b3e-977a-700f8d29cb8a
SM_V9_4 iris    exon    30252257        30252326        .       -
       .       Parent=Smp_348010.1;Name=5a123796-fd0e-4c2c-a0b7-
b42dad7bb06a
SM_V9_4 iris    CDS     30232620        30232621        .       -
       2       Parent=Smp_348010.1
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SM_V9_4 iris    CDS     30233271        30233339        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30233375        30233431        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30233591        30233650        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30234224        30234286        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30238448        30238501        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30239122        30239166        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30239651        30239719        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30240463        30240516        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30241271        30241312        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30241662        30241718        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30242138        30242200        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30242704        30242772        .       -
        2       Parent=Smp_348010.1
SM_V9_4 iris    CDS     30252257        30252311        .       -
        0       Parent=Smp_348010.1
SM_V9_4 iris    gene    30262527        30334725        .       -
        .
ID=Smp_348030;geneID=Smp_348030;gene_name=Smp_348030;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    30262527        30334725        .       -
        .
ID=Smp_348030.1;Parent=Smp_348030;geneID=Smp_348030;gene_name=Smp_34
8030;owner=irisadmin@local.host;date_last_modified=2022-07-23;Name=S
mp_348030.1;product=Osmotic avoidance abnormal protein
3;date_creation=2022-07-23
SM_V9_4 iris    exon    30262527        30262656        .       -
        .       Parent=Smp_348030.1;Name=fe332344-82eb-46b4-8e59-
fbce241d141e
SM_V9_4 iris    exon    30263306        30263374        .       -
        .
Parent=Smp_348030.1;Name=278fd9dd-9149-45d2-8d1d-17cf5eadf18f
SM_V9_4 iris    exon    30263410        30263466        .       -
        .       Parent=Smp_348030.1;Name=ffa65e50-1a12-4748-
a02e-90ead62b0ec5
SM_V9_4 iris    exon    30263626        30263685        .       -
        .       Parent=Smp_348030.1;Name=49e70e0f-
f599-41a6-909d-1e6df81fe42f
SM_V9_4 iris    exon    30264258        30264320        .       -
        .       Parent=Smp_348030.1;Name=edd4781f-feba-4668-bf0c-
f66885216c1d
SM_V9_4 iris    exon    30265267        30265320        .       -
        .
Parent=Smp_348030.1;Name=b1ea75fb-9c47-44d8-836d-6e38ab1ea3ed
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SM_V9_4 iris    exon    30265941        30265985        .       -
        .       Parent=Smp_348030.1;Name=4e95c8b7-9ca5-40fb-9cd7-
d0d80483edd4
SM_V9_4 iris    exon    30266470        30266538        .       -
        .       Parent=Smp_348030.1;Name=b6ba83e8-6378-433c-b5b6-
adadabf804f6
SM_V9_4 iris    exon    30267282        30267335        .       -
        .       Parent=Smp_348030.1;Name=e9891a93-76db-4d96-
a6b2-07d6c496bf0f
SM_V9_4 iris    exon    30268090        30268131        .       -
        .
Parent=Smp_348030.1;Name=7e9c82b4-7305-4ad0-8b2e-07f184228df2
SM_V9_4 iris    exon    30268481        30268537        .       -
        .       Parent=Smp_348030.1;Name=8acaa080-8ca9-4c92-994e-
c4a05ea372f2
SM_V9_4 iris    exon    30268956        30269018        .       -
        .
Parent=Smp_348030.1;Name=a26a56eb-6b51-41f7-968c-0d4436a97dca
SM_V9_4 iris    exon    30298236        30298298        .       -
        .       Parent=Smp_348030.1;Name=82bc659f-e39a-4d63-ac00-
d276d244fd6a
SM_V9_4 iris    exon    30299259        30299312        .       -
        .       Parent=Smp_348030.1;Name=8100895f-dd99-4ab7-
a689-193e385ff5c5
SM_V9_4 iris    exon    30299912        30299956        .       -
        .       Parent=Smp_348030.1;Name=33ee8a24-c3c3-46e1-9771-
ef42dc3ddf92
SM_V9_4 iris    exon    30302914        30302982        .       -
        .       Parent=Smp_348030.1;Name=7d9c68be-dd79-4b98-8701-
d3e4e6799711
SM_V9_4 iris    exon    30303726        30303779        .       -
        .       Parent=Smp_348030.1;Name=e52510fc-5c1c-4fc1-ab87-
da042096268d
SM_V9_4 iris    exon    30304580        30304621        .       -
        .       Parent=Smp_348030.1;Name=49946a7e-
a626-4bdc-875f-7e6a6be73696
SM_V9_4 iris    exon    30304972        30305028        .       -
        .       Parent=Smp_348030.1;Name=4b7a6b12-791c-4813-
bab3-9da87662a754
SM_V9_4 iris    exon    30305908        30305970        .       -
        .       Parent=Smp_348030.1;Name=c4c00d64-
f0f7-4b0a-849a-1b258ddfaf89
SM_V9_4 iris    exon    30306480        30306548        .       -
        .       Parent=Smp_348030.1;Name=60caf24d-10de-4a7b-9824-
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SM_V9_4 iris    exon    30315696        30315722        .       -
        .       Parent=Smp_348030.1;Name=34edc327-
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SM_V9_4 iris    exon    30323281        30323307        .       -
        .       Parent=Smp_348030.1;Name=5d5a31da-7d4a-4aa9-ab2d-
d2bafe53748a
SM_V9_4 iris    exon    30324987        30325013        .       -
        .       Parent=Smp_348030.1;Name=e779c2d1-a5d2-4695-
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        .       Parent=Smp_348030.1;Name=271b729f-7e40-4681-
b6ba-5baef8be9dc1
SM_V9_4 iris    exon    30334656        30334725        .       -
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b80c-95378d3657da
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SM_V9_4 iris    CDS     30263306        30263374        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30263410        30263466        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30263626        30263685        .       -
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SM_V9_4 iris    CDS     30264258        30264320        .       -
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SM_V9_4 iris    CDS     30265267        30265320        .       -
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SM_V9_4 iris    CDS     30265941        30265985        .       -
        2       Parent=Smp_348030.1
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SM_V9_4 iris    CDS     30267282        30267335        .       -
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SM_V9_4 iris    CDS     30268090        30268131        .       -
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SM_V9_4 iris    CDS     30268481        30268537        .       -
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SM_V9_4 iris    CDS     30268956        30269018        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30298236        30298298        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30299259        30299312        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30299912        30299956        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30302914        30302982        .       -
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SM_V9_4 iris    CDS     30303726        30303779        .       -
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SM_V9_4 iris    CDS     30304580        30304621        .       -
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SM_V9_4 iris    CDS     30305908        30305970        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30306480        30306548        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30315696        30315722        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30323281        30323307        .       -
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SM_V9_4 iris    CDS     30325998        30326024        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30327034        30327060        .       -
        2       Parent=Smp_348030.1
SM_V9_4 iris    CDS     30334656        30334710        .       -
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SM_V9_4 Liftoff gene    30348563        30384846        .       -
        .
ID=Smp_313480;geneID=Smp_313480;previous_systematic_id=Smp_179630,Sm
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SM_V9_4 Liftoff mRNA    30348563        30384846        .       -
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ID=Smp_313480.1;Parent=Smp_313480;geneID=Smp_313480;product=mucin;ev
idence=Traceable Author Statement;literature=PMID:18187213
SM_V9_4 Liftoff exon    30348563        30348669        .       -
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SM_V9_4 Liftoff exon    30349319        30349387        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30349423        30349479        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30376858        30376920        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30382177        30382230        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30382830        30382874        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30383359        30383427        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30384171        30384224        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30384490        30384558        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff exon    30384838        30384846        .       -
        .       Parent=Smp_313480.1
SM_V9_4 Liftoff CDS     30348668        30348669        .       -
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        2       Parent=Smp_313480.1
SM_V9_4 Liftoff CDS     30349423        30349479        .       -
        2       Parent=Smp_313480.1
SM_V9_4 Liftoff CDS     30376858        30376920        .       -
        2       Parent=Smp_313480.1
SM_V9_4 Liftoff CDS     30382177        30382230        .       -
        2       Parent=Smp_313480.1
SM_V9_4 Liftoff CDS     30382830        30382874        .       -
        2       Parent=Smp_313480.1
SM_V9_4 Liftoff CDS     30383359        30383427        .       -
        2       Parent=Smp_313480.1
SM_V9_4 Liftoff CDS     30384171        30384224        .       -
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SM_V9_4 Liftoff CDS     30384490        30384558        .       -
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        2       Parent=Smp_313480.1
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SM_V9_4 Liftoff mRNA    30375159        30384844        .       -
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ID=Smp_313480.2;Parent=Smp_313480;geneID=Smp_313480;product=mucin;ev
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SM_V9_4 Liftoff exon    30375909        30375977        .       -
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SM_V9_4 Liftoff exon    30376226        30376285        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff exon    30376858        30376920        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff exon    30382177        30382230        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff exon    30382830        30382874        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff exon    30383359        30383427        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff exon    30384171        30384224        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff exon    30384490        30384558        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff exon    30384838        30384844        .       -
        .       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30375259        30375260        .       -
        2       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30375909        30375977        .       -
        2       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30376013        30376069        .       -
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SM_V9_4 Liftoff CDS     30376226        30376285        .       -
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SM_V9_4 Liftoff CDS     30376858        30376920        .       -
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        2       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30382830        30382874        .       -
        2       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30383359        30383427        .       -
        2       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30384171        30384224        .       -
        2       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30384490        30384558        .       -
        2       Parent=Smp_313480.2
SM_V9_4 Liftoff CDS     30384838        30384841        .       -
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SM_V9_4 Liftoff gene    30471386        30497953        .       +
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Pfam:PF01457;Ontology_term=GO:0004222,GO:0006508,GO:0007155,GO:00160
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SM_V9_4 Liftoff exon    30471386        30471554        .       +
        .       Parent=Smp_303070.1
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SM_V9_4 Liftoff exon    30475887        30475969        .       +
        .       Parent=Smp_303070.1
SM_V9_4 Liftoff exon    30476991        30477105        .       +
        .       Parent=Smp_303070.1
SM_V9_4 Liftoff exon    30478356        30478513        .       +
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SM_V9_4 Liftoff exon    30479321        30479423        .       +
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SM_V9_4 Liftoff exon    30484035        30484159        .       +
        .       Parent=Smp_303070.1
SM_V9_4 Liftoff exon    30484722        30484812        .       +
        .       Parent=Smp_303070.1
SM_V9_4 Liftoff exon    30485726        30485833        .       +
        .       Parent=Smp_303070.1
SM_V9_4 Liftoff exon    30485923        30485999        .       +
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SM_V9_4 Liftoff exon    30492603        30492825        .       +
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SM_V9_4 Liftoff exon    30493873        30493942        .       +
        .       Parent=Smp_303070.1
SM_V9_4 Liftoff exon    30494469        30494575        .       +
        .       Parent=Smp_303070.1
SM_V9_4 Liftoff exon    30495871        30496017        .       +
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SM_V9_4 Liftoff exon    30497823        30497953        .       +
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SM_V9_4 Liftoff CDS     30471601        30471726        .       +
        0       Parent=Smp_303070.1
SM_V9_4 Liftoff CDS     30475887        30475969        .       +
        0       Parent=Smp_303070.1
SM_V9_4 Liftoff CDS     30476991        30477105        .       +
        1       Parent=Smp_303070.1
SM_V9_4 Liftoff CDS     30478356        30478513        .       +
        0       Parent=Smp_303070.1
SM_V9_4 Liftoff CDS     30479321        30479423        .       +
        1       Parent=Smp_303070.1
SM_V9_4 Liftoff CDS     30484035        30484159        .       +
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SM_V9_4 Liftoff CDS     30484722        30484812        .       +
        1       Parent=Smp_303070.1
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SM_V9_4 Liftoff CDS     30487202        30487300        .       +
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SM_V9_4 Liftoff CDS     30492603        30492825        .       +
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ID=Smp_303760;geneID=Smp_303760;previous_systematic_id=Smp_173070
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Pfam:PF01457;Ontology_term=GO:0004222,GO:0006508,GO:0007155,GO:00160
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SM_V9_4 Liftoff exon    30510985        30511207        .       -
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SM_V9_4 Liftoff exon    30513345        30513443        .       -
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SM_V9_4 Liftoff exon    30514646        30514722        .       -
        .       Parent=Smp_303760.1
SM_V9_4 Liftoff exon    30514812        30514919        .       -
        .       Parent=Smp_303760.1
SM_V9_4 Liftoff exon    30515833        30515923        .       -
        .       Parent=Smp_303760.1
SM_V9_4 Liftoff exon    30516486        30516610        .       -
        .       Parent=Smp_303760.1
SM_V9_4 Liftoff exon    30517956        30518058        .       -
        .       Parent=Smp_303760.1
SM_V9_4 Liftoff exon    30518866        30519023        .       -
        .       Parent=Smp_303760.1
SM_V9_4 Liftoff exon    30520274        30520388        .       -
        .       Parent=Smp_303760.1
SM_V9_4 Liftoff exon    30521413        30521495        .       -
        .       Parent=Smp_303760.1
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SM_V9_4 Liftoff CDS     30507795        30507941        .       -
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SM_V9_4 Liftoff CDS     30509235        30509341        .       -
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SM_V9_4 Liftoff CDS     30509868        30509937        .       -
        0       Parent=Smp_303760.1
SM_V9_4 Liftoff CDS     30510985        30511207        .       -
        1       Parent=Smp_303760.1
SM_V9_4 Liftoff CDS     30513345        30513443        .       -
        1       Parent=Smp_303760.1
SM_V9_4 Liftoff CDS     30514646        30514722        .       -
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SM_V9_4 Liftoff CDS     30514812        30514919        .       -
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SM_V9_4 Liftoff CDS     30516486        30516610        .       -
        0       Parent=Smp_303760.1
SM_V9_4 Liftoff CDS     30517956        30518058        .       -
        1       Parent=Smp_303760.1
SM_V9_4 Liftoff CDS     30518866        30519023        .       -
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SM_V9_4 Liftoff CDS     30520274        30520388        .       -
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SM_V9_4 Liftoff exon    30505859        30505989        .       -
        .       Parent=Smp_303760.2
SM_V9_4 Liftoff exon    30507795        30507941        .       -
        .       Parent=Smp_303760.2
SM_V9_4 Liftoff exon    30509235        30509341        .       -
        .       Parent=Smp_303760.2
SM_V9_4 Liftoff exon    30509868        30509937        .       -
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SM_V9_4 Liftoff exon    30510985        30511207        .       -
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SM_V9_4 Liftoff exon    30514646        30514722        .       -
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SM_V9_4 Liftoff exon    30514812        30514919        .       -
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SM_V9_4 Liftoff exon    30516486        30516610        .       -
        .       Parent=Smp_303760.2
SM_V9_4 Liftoff exon    30517956        30518058        .       -
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SM_V9_4 Liftoff exon    30518866        30519023        .       -
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SM_V9_4 Liftoff exon    30520274        30520388        .       -
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SM_V9_4 Liftoff exon    30521413        30521495        .       -
        .       Parent=Smp_303760.2
SM_V9_4 Liftoff exon    30525654        30525779        .       -
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SM_V9_4 Liftoff exon    30525826        30525994        .       -
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SM_V9_4 Liftoff CDS     30505939        30505989        .       -
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SM_V9_4 Liftoff CDS     30507795        30507941        .       -
        0       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30509235        30509341        .       -
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SM_V9_4 Liftoff CDS     30509868        30509937        .       -
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SM_V9_4 Liftoff CDS     30510985        30511207        .       -
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SM_V9_4 Liftoff CDS     30514646        30514722        .       -
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SM_V9_4 Liftoff CDS     30514812        30514919        .       -
        0       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30515833        30515923        .       -
        1       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30516486        30516610        .       -
        0       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30517956        30518058        .       -
        1       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30518866        30519023        .       -
        0       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30520274        30520388        .       -
        1       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30521413        30521495        .       -
        0       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30525654        30525779        .       -
        0       Parent=Smp_303760.2
SM_V9_4 Liftoff CDS     30525826        30525906        .       -
        0       Parent=Smp_303760.2
SM_V9_4 Liftoff gene    30535330        30543677        .       -
        .       ID=Smp_204980;geneID=Smp_204980
SM_V9_4 Liftoff mRNA    30535330        30543677        .       -
        .
ID=Smp_204980.1;Parent=Smp_204980;geneID=Smp_204980;product=Cutinase
SM_V9_4 Liftoff exon    30535330        30543677        .       -
        .       Parent=Smp_204980.1
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SM_V9_4 Liftoff CDS     30536567        30536749        .       -
        0       Parent=Smp_204980.1
SM_V9_4 iris    gene    30555547        30566007        .       -
        .
ID=Smp_093840;geneID=Smp_093840;gene_name=Smp_093840;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    30555547        30566007        .       -
        .
ID=Smp_093840.1;Parent=Smp_093840;geneID=Smp_093840;gene_name=Smp_09
3840;owner=irisadmin@local.host;orig_id=Smp_093840.1;date_last_modif
ied=2022-07-23;Name=Smp_093840.1;product=tetraspanning orphan
receptor;date_creation=2022-07-23
SM_V9_4 iris    exon    30555547        30556525        .       -
        .       Parent=Smp_093840.1;Name=222cc15c-
b919-42d2-96eb-2fa1db2fef93
SM_V9_4 iris    exon    30558925        30559248        .       -
        .       Parent=Smp_093840.1;Name=c6dbaa38-
a52e-44e2-9f3d-15b05e3a267d
SM_V9_4 iris    exon    30561743        30562212        .       -
        .       Parent=Smp_093840.1;Name=3faed8b8-1e35-44b2-
af04-77d4f0fddd7d
SM_V9_4 iris    exon    30565673        30566007        .       -
        .
Parent=Smp_093840.1;Name=6be852f8-0a2d-4125-8560-0c7c60d60180
SM_V9_4 iris    CDS     30556274        30556525        .       -
        0       Parent=Smp_093840.1
SM_V9_4 iris    CDS     30558925        30559248        .       -
        0       Parent=Smp_093840.1
SM_V9_4 iris    CDS     30561743        30562212        .       -
        2       Parent=Smp_093840.1
SM_V9_4 iris    CDS     30565673        30565886        .       -
        0       Parent=Smp_093840.1
SM_V9_4 Liftoff gene    30577971        30593121        .       +
        .
ID=Smp_346220;geneID=Smp_346220;previous_systematic_id=Smp_173530
SM_V9_4 Liftoff mRNA    30577971        30593121        .       +
        .
ID=Smp_346220.1;Parent=Smp_346220;geneID=Smp_346220;product=Uncharac
terized ABC transporter ATP-binding protein YknU
SM_V9_4 Liftoff exon    30577971        30578016        .       +
        .       Parent=Smp_346220.1
SM_V9_4 Liftoff exon    30578053        30578141        .       +
        .       Parent=Smp_346220.1
SM_V9_4 Liftoff exon    30580957        30581065        .       +
        .       Parent=Smp_346220.1
SM_V9_4 Liftoff exon    30586013        30586400        .       +
        .       Parent=Smp_346220.1
SM_V9_4 Liftoff exon    30588661        30588829        .       +
        .       Parent=Smp_346220.1
SM_V9_4 Liftoff exon    30588878        30588968        .       +
        .       Parent=Smp_346220.1
SM_V9_4 Liftoff exon    30589021        30589158        .       +
        .       Parent=Smp_346220.1
SM_V9_4 Liftoff exon    30591000        30593121        .       +
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        .       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30577999        30578016        .       +
        0       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30578053        30578141        .       +
        0       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30580957        30581065        .       +
        1       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30586013        30586400        .       +
        0       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30588661        30588829        .       +
        2       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30588878        30588968        .       +
        1       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30589021        30589158        .       +
        0       Parent=Smp_346220.1
SM_V9_4 Liftoff CDS     30591000        30591209        .       +
        0       Parent=Smp_346220.1
SM_V9_4 Liftoff gene    30598332        30604247        .       -
        .       ID=Smp_093850;geneID=Smp_093850
SM_V9_4 Liftoff mRNA    30598332        30604247        .       -
        .
ID=Smp_093850.1;Parent=Smp_093850;geneID=Smp_093850;product=Pre-
rRNA-processing protein
esf2;polypeptide_domain=InterPro:IPR000504,IPR034353
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    30598332        30598628        .       -
        .       Parent=Smp_093850.1
SM_V9_4 Liftoff exon    30600031        30600242        .       -
        .       Parent=Smp_093850.1
SM_V9_4 Liftoff exon    30601917        30604247        .       -
        .       Parent=Smp_093850.1
SM_V9_4 Liftoff CDS     30598460        30598628        .       -
        1       Parent=Smp_093850.1
SM_V9_4 Liftoff CDS     30600031        30600242        .       -
        0       Parent=Smp_093850.1
SM_V9_4 Liftoff CDS     30601917        30602189        .       -
        0       Parent=Smp_093850.1
SM_V9_4 iris    gene    30615644        30629508        .       +
        .
ID=Smp_167890;geneID=Smp_167890;gene_name=Smp_167890;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    30615644        30629508        .       +
        .
ID=Smp_167890.1;Parent=Smp_167890;geneID=Smp_167890;gene_name=Smp_16
7890;owner=irisadmin@local.host;orig_id=Smp_167890.1;date_last_modif
ied=2022-08-19;Name=Smp_167890.1;product=Peptide methionine
sulfoxide reductase MsrB;date_creation=2022-08-19
SM_V9_4 iris    exon    30615644        30615697        .       +
        .       Parent=Smp_167890.1;Name=20ee3078-18d0-4010-
bfcb-0084514897a3
SM_V9_4 iris    exon    30617569        30617638        .       +
        .
Parent=Smp_167890.1;Name=b9b6f120-4d04-491f-95a3-0c1d5eeaa944
SM_V9_4 iris    exon    30617673        30617796        .       +
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        .       Parent=Smp_167890.1;Name=12a1c06d-
ede8-4e87-8888-21734bc02fec
SM_V9_4 iris    exon    30617832        30617908        .       +
        .       Parent=Smp_167890.1;Name=670619ea-5cbd-45df-a443-
a4907546fc85
SM_V9_4 iris    exon    30625419        30625566        .       +
        .       Parent=Smp_167890.1;Name=7d9fc55e-c4f3-401d-
b35d-5cc3fc887ed4
SM_V9_4 iris    exon    30629253        30629508        .       +
        .       Parent=Smp_167890.1;Name=a2e4ad9a-4353-4bee-b3f1-
b58f9d9fbc47
SM_V9_4 iris    CDS     30617625        30617638        .       +
        0       Parent=Smp_167890.1
SM_V9_4 iris    CDS     30617673        30617796        .       +
        1       Parent=Smp_167890.1
SM_V9_4 iris    CDS     30617832        30617908        .       +
        0       Parent=Smp_167890.1
SM_V9_4 iris    CDS     30625419        30625566        .       +
        1       Parent=Smp_167890.1
SM_V9_4 iris    CDS     30629253        30629354        .       +
        0       Parent=Smp_167890.1
SM_V9_4 iris    gene    30630612        30707001        .       -
        .
ID=Smp_313490;geneID=Smp_313490;gene_name=Smp_313490;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    30630612        30707001        .       -
        .
ID=Smp_313490.1;Parent=Smp_313490;geneID=Smp_313490;gene_name=Smp_31
3490;owner=irisadmin@local.host;orig_id=Smp_313490.1;date_last_modif
ied=2022-08-19;Name=Smp_313490.1;product=Coiled-coil domain-
containing protein 162;date_creation=2022-08-19
SM_V9_4 iris    exon    30630612        30630904        .       -
        .       Parent=Smp_313490.1;Name=06c59cdb-afcb-42a9-
a189-7e99ac8c358d
SM_V9_4 iris    exon    30634719        30634834        .       -
        .       Parent=Smp_313490.1;Name=a70cacd8-0f83-4ddc-
abfd-1f890b314c3a
SM_V9_4 iris    exon    30636837        30636873        .       -
        .       Parent=Smp_313490.1;Name=63cfa5b7-63da-448b-
ad0c-4d8b5edfcab9
SM_V9_4 iris    exon    30639032        30639220        .       -
        .       Parent=Smp_313490.1;Name=cda81a33-a1a5-42ee-
b17d-78db7534961c
SM_V9_4 iris    exon    30640799        30640894        .       -
        .
Parent=Smp_313490.1;Name=49f6e384-3fa1-48b8-8dca-94f85dd6141b
SM_V9_4 iris    exon    30642317        30642487        .       -
        .       Parent=Smp_313490.1;Name=7f0eaffd-4375-49a9-8b74-
d07c794b4f37
SM_V9_4 iris    exon    30644041        30644186        .       -
        .
Parent=Smp_313490.1;Name=36dd2092-9871-45b2-9dcb-1aeb2a80ce06
SM_V9_4 iris    exon    30647908        30648171        .       -
        .       Parent=Smp_313490.1;Name=c62ce112-3758-46f3-
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a717-11eac3edd2a0
SM_V9_4 iris    exon    30649437        30649600        .       -
        .       Parent=Smp_313490.1;Name=7c8a9c57-8095-407c-be92-
d7a1d73fde46
SM_V9_4 iris    exon    30651818        30652002        .       -
        .       Parent=Smp_313490.1;Name=925508a2-2847-4d68-9694-
dfe893d09823
SM_V9_4 iris    exon    30658201        30658338        .       -
        .
Parent=Smp_313490.1;Name=a76f5fde-4517-4c4a-8bf5-369744a4e409
SM_V9_4 iris    exon    30659705        30659858        .       -
        .       Parent=Smp_313490.1;Name=f39f7061-
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SM_V9_4 iris    exon    30660934        30661102        .       -
        .       Parent=Smp_313490.1;Name=4f094c49-
dd3c-416c-9a7d-772e09bddb1c
SM_V9_4 iris    exon    30662446        30662690        .       -
        .       Parent=Smp_313490.1;Name=030f1555-170d-402e-b199-
a56374564509
SM_V9_4 iris    exon    30664517        30664758        .       -
        .       Parent=Smp_313490.1;Name=d9bc5d36-fb92-43bf-b40e-
c251c0a63666
SM_V9_4 iris    exon    30667154        30667332        .       -
        .       Parent=Smp_313490.1;Name=15c9e949-510f-4925-
b37d-38a91dab022e
SM_V9_4 iris    exon    30669388        30669565        .       -
        .       Parent=Smp_313490.1;Name=93f35106-1459-406a-b9a6-
cfba4596bbd9
SM_V9_4 iris    exon    30673063        30673411        .       -
        .       Parent=Smp_313490.1;Name=e81d3346-bdb0-41f2-b41a-
b4886a4bd8c3
SM_V9_4 iris    exon    30676151        30676273        .       -
        .       Parent=Smp_313490.1;Name=1ce30fab-89b6-441e-92ba-
b0d46365b7bc
SM_V9_4 iris    exon    30677055        30677155        .       -
        .       Parent=Smp_313490.1;Name=b00ccf6e-0e2a-4489-
b2d5-5332c47a91cd
SM_V9_4 iris    exon    30678295        30678457        .       -
        .       Parent=Smp_313490.1;Name=43b829d2-9ae4-4315-
b017-73d3d15f2cd7
SM_V9_4 iris    exon    30680366        30680505        .       -
        .       Parent=Smp_313490.1;Name=45c7cd2c-
d778-45bd-9437-524ea2ae1e07
SM_V9_4 iris    exon    30681719        30681812        .       -
        .       Parent=Smp_313490.1;Name=fc0fcfb6-eef5-46d9-9482-
c3350d0842b6
SM_V9_4 iris    exon    30682824        30683188        .       -
        .       Parent=Smp_313490.1;Name=cbeabfb0-aebd-4514-
bc9b-1337818ed885
SM_V9_4 iris    exon    30683530        30683758        .       -
        .
Parent=Smp_313490.1;Name=1a41726a-0c63-4029-8d86-25568ba9b643
SM_V9_4 iris    exon    30685083        30685189        .       -
        .       Parent=Smp_313490.1;Name=6a0fd3cc-5146-4c4b-84d0-
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c3f93aa97112
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        .
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SM_V9_4 iris    exon    30688236        30688349        .       -
        .
Parent=Smp_313490.1;Name=c6eec0f8-91b8-4d1a-826e-866ef8ebcd6a
SM_V9_4 iris    exon    30689772        30689874        .       -
        .       Parent=Smp_313490.1;Name=daf6c888-c007-4e41-816b-
feddbb8a9645
SM_V9_4 iris    exon    30691516        30691653        .       -
        .       Parent=Smp_313490.1;Name=f719741c-7815-4e44-a519-
ce44f1b7a7d5
SM_V9_4 iris    exon    30692851        30692955        .       -
        .       Parent=Smp_313490.1;Name=f7e6c4c2-8fca-459a-
b66d-895000abf5d5
SM_V9_4 iris    exon    30695351        30695448        .       -
        .       Parent=Smp_313490.1;Name=ace30d93-b6a8-4a42-9f4f-
b40fcf4a1724
SM_V9_4 iris    exon    30696764        30696944        .       -
        .       Parent=Smp_313490.1;Name=88956f64-fa31-474b-9c18-
b56f5c72177c
SM_V9_4 iris    exon    30699074        30699219        .       -
        .       Parent=Smp_313490.1;Name=356e48a2-
d98f-4a31-94e7-0094659a625c
SM_V9_4 iris    exon    30700172        30700366        .       -
        .       Parent=Smp_313490.1;Name=72873cf3-2c9b-4234-bff7-
c80c769352b9
SM_V9_4 iris    exon    30701307        30701432        .       -
        .       Parent=Smp_313490.1;Name=953281a0-9ab7-4246-
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SM_V9_4 iris    exon    30703315        30703950        .       -
        .       Parent=Smp_313490.1;Name=6e0b0c27-a19a-497e-
b32d-90cbf79c18df
SM_V9_4 iris    exon    30706181        30706234        .       -
        .
Parent=Smp_313490.1;Name=6a6f87af-9a6a-4123-8e90-0445675a31fc
SM_V9_4 iris    exon    30706271        30706454        .       -
        .
Parent=Smp_313490.1;Name=aecf4246-16ef-4aaf-8fc5-1d3df544a75f
SM_V9_4 iris    exon    30706498        30706622        .       -
        .       Parent=Smp_313490.1;Name=1a53877c-36df-4e70-
a78c-718c795e8a90
SM_V9_4 iris    exon    30706653        30706836        .       -
        .       Parent=Smp_313490.1;Name=7c878653-ecd6-4db9-98cf-
b02e64033103
SM_V9_4 iris    exon    30706875        30707001        .       -
        .       Parent=Smp_313490.1;Name=0ff6a4c2-4c2e-4867-aec1-
c75d0824109f
SM_V9_4 iris    CDS     30630788        30630904        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30634719        30634834        .       -
        2       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30636837        30636873        .       -
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        0       Parent=Smp_313490.1
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        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30640799        30640894        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30642317        30642487        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30644041        30644186        .       -
        2       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30647908        30648171        .       -
        2       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30649437        30649600        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30651818        30652002        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30658201        30658338        .       -
        0       Parent=Smp_313490.1
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        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30660934        30661102        .       -
        2       Parent=Smp_313490.1
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        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30664517        30664758        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30667154        30667332        .       -
        2       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30669388        30669565        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30673063        30673411        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30676151        30676273        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30677055        30677155        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30678295        30678457        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30680366        30680505        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30681719        30681812        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30682824        30683188        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30683530        30683758        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30685083        30685189        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30686609        30686809        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30688236        30688349        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30689772        30689874        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30691516        30691653        .       -
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SM_V9_4 iris    CDS     30695351        30695448        .       -
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SM_V9_4 iris    CDS     30696764        30696944        .       -
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        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30706181        30706234        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30706271        30706454        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30706498        30706622        .       -
        0       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30706653        30706836        .       -
        1       Parent=Smp_313490.1
SM_V9_4 iris    CDS     30706875        30706990        .       -
        0       Parent=Smp_313490.1
SM_V9_4 Liftoff gene    30716334        30719567        .       +
        .
ID=Smp_313500;geneID=Smp_313500;previous_systematic_id=Smp_167910,Sm
p_243240
SM_V9_4 Liftoff mRNA    30716334        30719567        .       +
        .
ID=Smp_313500.1;Parent=Smp_313500;geneID=Smp_313500;product=Putative
uncharacterized protein C6orf183
SM_V9_4 Liftoff exon    30716334        30716382        .       +
        .       Parent=Smp_313500.1
SM_V9_4 Liftoff exon    30716744        30717487        .       +
        .       Parent=Smp_313500.1
SM_V9_4 Liftoff exon    30719370        30719567        .       +
        .       Parent=Smp_313500.1
SM_V9_4 Liftoff CDS     30716356        30716382        .       +
        0       Parent=Smp_313500.1
SM_V9_4 Liftoff CDS     30716744        30717487        .       +
        0       Parent=Smp_313500.1
SM_V9_4 Liftoff CDS     30719370        30719441        .       +
        0       Parent=Smp_313500.1
SM_V9_4 Liftoff gene    30724364        30746248        .       +
        .       ID=Smp_174580;geneID=Smp_174580
SM_V9_4 Liftoff mRNA    30724364        30746248        .       +
        .
ID=Smp_174580.1;Parent=Smp_174580;geneID=Smp_174580;product=Vesicula
r integral-membrane protein
VIP36;polypeptide_domain=InterPro:IPR005052,IPR013320
Pfam:PF03388;Ontology_term=GO:0016020
SM_V9_4 Liftoff exon    30724364        30724498        .       +
```

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        .       Parent=Smp_174580.1
SM_V9_4 Liftoff exon    30732536        30732745        .       +
        .       Parent=Smp_174580.1
SM_V9_4 Liftoff exon    30732789        30733030        .       +
        .       Parent=Smp_174580.1
SM_V9_4 Liftoff exon    30734945        30735059        .       +
        .       Parent=Smp_174580.1
SM_V9_4 Liftoff exon    30737427        30737479        .       +
        .       Parent=Smp_174580.1
SM_V9_4 Liftoff exon    30743533        30743596        .       +
        .       Parent=Smp_174580.1
SM_V9_4 Liftoff exon    30745368        30746248        .       +
        .       Parent=Smp_174580.1
SM_V9_4 Liftoff CDS     30724405        30724498        .       +
        0       Parent=Smp_174580.1
SM_V9_4 Liftoff CDS     30732536        30732745        .       +
        2       Parent=Smp_174580.1
SM_V9_4 Liftoff CDS     30732789        30733030        .       +
        2       Parent=Smp_174580.1
SM_V9_4 Liftoff CDS     30734945        30735059        .       +
        0       Parent=Smp_174580.1
SM_V9_4 Liftoff CDS     30737427        30737479        .       +
        2       Parent=Smp_174580.1
SM_V9_4 Liftoff CDS     30743533        30743596        .       +
        0       Parent=Smp_174580.1
SM_V9_4 Liftoff CDS     30745368        30745516        .       +
        2       Parent=Smp_174580.1
SM_V9_4 iris    gene    30752474        30796321        .       +
        .
ID=Smp_341620;geneID=Smp_341620;gene_name=Smp_341620;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    30752474        30796321        .       +
        .
ID=Smp_341620.1;Parent=Smp_341620;geneID=Smp_341620;gene_name=Smp_34
1620;owner=irisadmin@local.host;orig_id=Smp_341620.1;date_last_modif
ied=2022-08-19;Name=Smp_341620.1;product=FERM domain-containing
protein 5;date_creation=2022-08-19
SM_V9_4 iris    exon    30752474        30752726        .       +
        .       Parent=Smp_341620.1;Name=f647feae-65e9-426c-
a76f-5f9e0c7db1a6
SM_V9_4 iris    exon    30752760        30752867        .       +
        .       Parent=Smp_341620.1;Name=4ba0ee15-
bfc4-4364-927d-7ee065f85ec4
SM_V9_4 iris    exon    30752901        30752943        .       +
        .       Parent=Smp_341620.1;Name=12b32cd6-224b-4820-b083-
db92261fb4f9
SM_V9_4 iris    exon    30752979        30753060        .       +
        .       Parent=Smp_341620.1;Name=6035943d-1bff-43b6-9f4f-
fcc495e5aa74
SM_V9_4 iris    exon    30754521        30754618        .       +
        .       Parent=Smp_341620.1;Name=8489514b-3c75-44c9-a571-
dd1c9c17bdf2
SM_V9_4 iris    exon    30759332        30759599        .       +
        .       Parent=Smp_341620.1;Name=1e8695c7-
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abce-49b6-9b41-8984e7b0f8c4
SM_V9_4 iris    exon    30763692        30763779        .       +
        .       Parent=Smp_341620.1;Name=e99b108f-3808-4148-
a0d6-04a3a8a87bf7
SM_V9_4 iris    exon    30766566        30766777        .       +
        .
Parent=Smp_341620.1;Name=dd1847d0-3189-45b3-86d2-3f7ce65e6f5f
SM_V9_4 iris    exon    30767794        30767857        .       +
        .       Parent=Smp_341620.1;Name=91425621-ad14-4bef-9716-
ea990e4ae834
SM_V9_4 iris    exon    30771836        30771862        .       +
        .       Parent=Smp_341620.1;Name=01994358-
dfa3-437f-84c3-6cc5990403c1
SM_V9_4 iris    exon    30775706        30775797        .       +
        .       Parent=Smp_341620.1;Name=6b568798-4115-4873-ae7d-
fa3ec73ddc3a
SM_V9_4 iris    exon    30777941        30778018        .       +
        .       Parent=Smp_341620.1;Name=f3d83c56-0fb9-48d8-8c61-
f312686fb788
SM_V9_4 iris    exon    30781125        30781196        .       +
        .       Parent=Smp_341620.1;Name=74df01c0-06f5-43d1-
b540-1bfd9541acd6
SM_V9_4 iris    exon    30781687        30781871        .       +
        .       Parent=Smp_341620.1;Name=1a795ba1-5af6-4762-8ee8-
b606c9975e77
SM_V9_4 iris    exon    30788226        30788319        .       +
        .
Parent=Smp_341620.1;Name=49abe6d1-2377-4bae-98bb-515389592aba
SM_V9_4 iris    exon    30789359        30789497        .       +
        .       Parent=Smp_341620.1;Name=ab42c466-5f03-4d6f-
a40c-243ac682c58d
SM_V9_4 iris    exon    30793707        30796321        .       +
        .
Parent=Smp_341620.1;Name=6023ddbe-64e7-4224-8fba-5b3537a9704d
SM_V9_4 iris    CDS     30752550        30752726        .       +
        0       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30752760        30752867        .       +
        0       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30752901        30752943        .       +
        0       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30752979        30753060        .       +
        2       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30754521        30754618        .       +
        1       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30759332        30759599        .       +
        2       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30763692        30763779        .       +
        1       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30766566        30766777        .       +
        0       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30767794        30767857        .       +
        1       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30771836        30771862        .       +
        0       Parent=Smp_341620.1
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SM_V9_4 iris    CDS     30775706        30775797        .       +
        0       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30777941        30778018        .       +
        1       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30781125        30781196        .       +
        1       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30781687        30781871        .       +
        1       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30788226        30788319        .       +
        2       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30789359        30789497        .       +
        1       Parent=Smp_341620.1
SM_V9_4 iris    CDS     30793707        30794300        .       +
        0       Parent=Smp_341620.1
SM_V9_4 Liftoff gene    30819158        30847180        .       -
        .       ID=Smp_095630;geneID=Smp_095630
SM_V9_4 Liftoff mRNA    30819158        30847180        .       -
        .
ID=Smp_095630.1;Parent=Smp_095630;geneID=Smp_095630;product=CD81
antigen;polypeptide_domain=InterPro:IPR000301,IPR008952,IPR018499,IP
R018503 Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_4 Liftoff exon    30819158        30820522        .       -
        .       Parent=Smp_095630.1
SM_V9_4 Liftoff exon    30823539        30823622        .       -
        .       Parent=Smp_095630.1
SM_V9_4 Liftoff exon    30837158        30837280        .       -
        .       Parent=Smp_095630.1
SM_V9_4 Liftoff exon    30839449        30839556        .       -
        .       Parent=Smp_095630.1
SM_V9_4 Liftoff exon    30844663        30844938        .       -
        .       Parent=Smp_095630.1
SM_V9_4 Liftoff exon    30847022        30847180        .       -
        .       Parent=Smp_095630.1
SM_V9_4 Liftoff CDS     30820430        30820522        .       -
        0       Parent=Smp_095630.1
SM_V9_4 Liftoff CDS     30823539        30823622        .       -
        0       Parent=Smp_095630.1
SM_V9_4 Liftoff CDS     30837158        30837280        .       -
        0       Parent=Smp_095630.1
SM_V9_4 Liftoff CDS     30839449        30839556        .       -
        0       Parent=Smp_095630.1
SM_V9_4 Liftoff CDS     30844663        30844938        .       -
        0       Parent=Smp_095630.1
SM_V9_4 Liftoff CDS     30847022        30847081        .       -
        0       Parent=Smp_095630.1
SM_V9_4 Liftoff gene    30870284        30888765        .       +
        .       ID=Smp_174610;geneID=Smp_174610
SM_V9_4 Liftoff mRNA    30870284        30888765        .       +
        .
ID=Smp_174610.1;Parent=Smp_174610;geneID=Smp_174610;product=Rhomboti
n-1;polypeptide_domain=InterPro:IPR001781 Pfam:PF00412
SM_V9_4 Liftoff exon    30870284        30881566        .       +
        .       Parent=Smp_174610.1
SM_V9_4 Liftoff exon    30883759        30883884        .       +
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        .       Parent=Smp_174610.1
SM_V9_4 Liftoff exon    30886689        30888765        .       +
        .       Parent=Smp_174610.1
SM_V9_4 Liftoff CDS     30881322        30881566        .       +
        0       Parent=Smp_174610.1
SM_V9_4 Liftoff CDS     30883759        30883884        .       +
        1       Parent=Smp_174610.1
SM_V9_4 Liftoff CDS     30886689        30887181        .       +
        1       Parent=Smp_174610.1
SM_V9_4 iris    gene    30896295        30910263        .       +
        .
ID=Smp_095650;geneID=Smp_095650;gene_name=Smp_095650;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    30896295        30910263        .       +
        .
ID=Smp_095650.1;Parent=Smp_095650;geneID=Smp_095650;gene_name=Smp_09
5650;owner=irisadmin@local.host;orig_id=Smp_095650.1;date_last_modif
ied=2022-07-23;Name=Smp_095650.1;product=Selenide, water
dikinase;date_creation=2022-07-23
SM_V9_4 iris    exon    30896295        30896380        .       +
        .       Parent=Smp_095650.1;Name=11993eb7-a970-4a05-81c3-
b3984a9435bc
SM_V9_4 iris    exon    30901922        30902143        .       +
        .       Parent=Smp_095650.1;Name=818ad2b0-3aef-4ddd-953d-
ddebacdcc221
SM_V9_4 iris    exon    30902196        30902296        .       +
        .       Parent=Smp_095650.1;Name=d0bf7c87-48ef-48bf-
bd4c-872dccdceac5
SM_V9_4 iris    exon    30902332        30902481        .       +
        .       Parent=Smp_095650.1;Name=a335ba90-b09f-4cb5-
ad1f-84d3abfd836f
SM_V9_4 iris    exon    30902531        30902643        .       +
        .       Parent=Smp_095650.1;Name=088ad962-
fc3d-4336-8118-69f38fc9f4a8
SM_V9_4 iris    exon    30906819        30907015        .       +
        .       Parent=Smp_095650.1;Name=203b0005-5cd7-4d08-
b836-2a200d73450b
SM_V9_4 iris    exon    30909409        30909624        .       +
        .       Parent=Smp_095650.1;Name=ad7c167e-da03-45b5-840d-
f3526587f2a6
SM_V9_4 iris    exon    30909752        30910263        .       +
        .       Parent=Smp_095650.1;Name=7f5fa51e-9f83-4f21-
ac83-0004745ad801
SM_V9_4 iris    CDS     30902294        30902296        .       +
        0       Parent=Smp_095650.1
SM_V9_4 iris    CDS     30902332        30902481        .       +
        0       Parent=Smp_095650.1
SM_V9_4 iris    CDS     30902531        30902643        .       +
        0       Parent=Smp_095650.1
SM_V9_4 iris    CDS     30906819        30907015        .       +
        1       Parent=Smp_095650.1
SM_V9_4 iris    CDS     30909409        30909624        .       +
        2       Parent=Smp_095650.1
SM_V9_4 iris    CDS     30909752        30909954        .       +
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        2       Parent=Smp_095650.1
SM_V9_4 iris    gene    30920259        30923311        .       -
        .
ID=Smp_332080;geneID=Smp_332080;gene_name=Smp_332080;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    30920259        30923311        .       -
        .
ID=Smp_332080.1;Parent=Smp_332080;geneID=Smp_332080;gene_name=Smp_33
2080;owner=irisadmin@local.host;orig_id=Smp_332080.1;date_last_modif
ied=2022-07-23;Name=Smp_332080.1;product=Uncharacterized protein
MJ0659;date_creation=2022-07-23
SM_V9_4 iris    exon    30920259        30920556        .       -
        .
Parent=Smp_332080.1;Name=e831e107-4d12-426a-8799-6e5629c4707f
SM_V9_4 iris    exon    30920588        30920714        .       -
        .       Parent=Smp_332080.1;Name=4435c0c8-0bbe-49bd-97f7-
d530b59202d1
SM_V9_4 iris    exon    30920749        30920839        .       -
        .       Parent=Smp_332080.1;Name=fa771b39-0884-4876-8f23-
a0173ee2d188
SM_V9_4 iris    exon    30923290        30923311        .       -
        .       Parent=Smp_332080.1;Name=de0c5b17-8488-4ba0-a317-
f812e29a5575
SM_V9_4 iris    CDS     30920295        30920556        .       -
        1       Parent=Smp_332080.1
SM_V9_4 iris    CDS     30920588        30920714        .       -
        2       Parent=Smp_332080.1
SM_V9_4 iris    CDS     30920749        30920821        .       -
        0       Parent=Smp_332080.1
SM_V9_4 Liftoff gene    30951950        30958923        .       +
        .       ID=Smp_095670;geneID=Smp_095670
SM_V9_4 Liftoff mRNA    30951950        30958923        .       +
        .
ID=Smp_095670.1;Parent=Smp_095670;geneID=Smp_095670;product=Zinc
finger CCCH domain-containing protein
3;polypeptide_domain=InterPro:IPR000571;Ontology_term=GO:0046872
SM_V9_4 Liftoff exon    30951950        30952594        .       +
        .       Parent=Smp_095670.1
SM_V9_4 Liftoff exon    30952628        30952765        .       +
        .       Parent=Smp_095670.1
SM_V9_4 Liftoff exon    30957348        30957549        .       +
        .       Parent=Smp_095670.1
SM_V9_4 Liftoff exon    30958329        30958923        .       +
        .       Parent=Smp_095670.1
SM_V9_4 Liftoff CDS     30951996        30952594        .       +
        0       Parent=Smp_095670.1
SM_V9_4 Liftoff CDS     30952628        30952765        .       +
        1       Parent=Smp_095670.1
SM_V9_4 Liftoff CDS     30957348        30957549        .       +
        1       Parent=Smp_095670.1
SM_V9_4 Liftoff CDS     30958329        30958589        .       +
        0       Parent=Smp_095670.1
SM_V9_4 Liftoff gene    30977064        30987799        .       +
        .       ID=Smp_095680;geneID=Smp_095680
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SM_V9_4 Liftoff mRNA    30977064        30987799        .       +
       .
ID=Smp_095680.1;Parent=Smp_095680;geneID=Smp_095680;product=Zinc
finger matrin-type protein
2;polypeptide_domain=InterPro:IPR000690,IPR003604,IPR013087,IPR02275
5 Pfam:PF12171;Ontology_term=GO:0003676,GO:0005634,GO:0008270
SM_V9_4 Liftoff exon    30977064        30987045        .       +
       .       Parent=Smp_095680.1
SM_V9_4 Liftoff exon    30987081        30987230        .       +
       .       Parent=Smp_095680.1
SM_V9_4 Liftoff exon    30987270        30987478        .       +
       .       Parent=Smp_095680.1
SM_V9_4 Liftoff exon    30987510        30987799        .       +
       .       Parent=Smp_095680.1
SM_V9_4 Liftoff CDS     30987034        30987045        .       +
       0       Parent=Smp_095680.1
SM_V9_4 Liftoff CDS     30987081        30987230        .       +
       0       Parent=Smp_095680.1
SM_V9_4 Liftoff CDS     30987270        30987478        .       +
       0       Parent=Smp_095680.1
SM_V9_4 Liftoff CDS     30987510        30987720        .       +
       1       Parent=Smp_095680.1
SM_V9_4 iris    gene    30988376        30991764        .       -
       .
ID=Smp_174630;geneID=Smp_174630;gene_name=Smp_174630;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    30988376        30991764        .       -
       .
ID=Smp_174630.1;Parent=Smp_174630;geneID=Smp_174630;gene_name=Smp_17
4630;owner=irisadmin@local.host;orig_id=Smp_174630.1;date_last_modif
ied=2022-08-19;Name=Smp_174630.1;product=Tetraspanin-15;date_creatio
n=2022-08-19
SM_V9_4 iris    exon    30988376        30988615        .       -
       .       Parent=Smp_174630.1;Name=d601be02-707d-48bb-8847-
cc6a5cc8dfd7
SM_V9_4 iris    exon    30990736        30990819        .       -
       .       Parent=Smp_174630.1;Name=40d84668-9c2f-4e3e-9704-
d39ebaef4cf3
SM_V9_4 iris    exon    30990858        30991027        .       -
       .
Parent=Smp_174630.1;Name=20ddc4ee-103b-4899-9240-9df2586cb8dc
SM_V9_4 iris    exon    30991061        30991265        .       -
       .
Parent=Smp_174630.1;Name=0cb1ec04-7494-4fd7-8c04-80d56f7c0628
SM_V9_4 iris    exon    30991311        30991385        .       -
       .       Parent=Smp_174630.1;Name=0a156bd4-bd89-443d-ae59-
a2ce5d907290
SM_V9_4 iris    exon    30991424        30991615        .       -
       .       Parent=Smp_174630.1;Name=a09e2897-1c77-4131-b8e5-
bd67d845e4cf
SM_V9_4 iris    exon    30991652        30991764        .       -
       .
Parent=Smp_174630.1;Name=2ad4e72d-4ec9-420b-9e51-7f25cf79f234
SM_V9_4 iris    CDS     30988511        30988615        .       -
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        0       Parent=Smp_174630.1
SM_V9_4 iris    CDS     30990736        30990819        .       -
        0       Parent=Smp_174630.1
SM_V9_4 iris    CDS     30990858        30991027        .       -
        2       Parent=Smp_174630.1
SM_V9_4 iris    CDS     30991061        30991265        .       -
        0       Parent=Smp_174630.1
SM_V9_4 iris    CDS     30991311        30991385        .       -
        0       Parent=Smp_174630.1
SM_V9_4 iris    CDS     30991424        30991615        .       -
        0       Parent=Smp_174630.1
SM_V9_4 iris    CDS     30991652        30991717        .       -
        0       Parent=Smp_174630.1
SM_V9_4 iris    gene    31007424        31046273        .       +
        .
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SM_V9_4 iris    exon    31007424        31007648        .       +
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SM_V9_4 iris    exon    31007683        31007837        .       +
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SM_V9_4 iris    exon    31010470        31010584        .       +
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b90a-6277737a7af7
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b6cb-17d35bf4c35e
SM_V9_4 iris    exon    31013881        31013996        .       +
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SM_V9_4 iris    exon    31023592        31023775        .       +
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bda3bd9d2e39
SM_V9_4 iris    exon    31038063        31038515        .       +
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SM_V9_4 iris    exon    31045648        31046273        .       +
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SM_V9_4 iris    CDS     31010470        31010584        .       +
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SM_V9_4 iris    CDS     31013881        31013996        .       +
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SM_V9_4 iris    CDS     31038063        31038515        .       +
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SM_V9_4 iris    CDS     31045648        31045802        .       +
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SM_V9_4 iris    gene    31052205        31068813        .       +
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SM_V9_4 iris    exon    31053304        31053621        .       +
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d397386652a1
SM_V9_4 iris    exon    31053657        31053920        .       +
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SM_V9_4 iris    exon    31054903        31054989        .       +
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        .       Parent=Smp_266770.1;Name=d583ee01-6a4e-4b16-8433-
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        .       Parent=Smp_266770.1;Name=2292370d-
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        2       Parent=Smp_266770.1
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SM_V9_4 iris    CDS     31054903        31054989        .       +
        2       Parent=Smp_266770.1
SM_V9_4 iris    CDS     31057018        31057341        .       +
        2       Parent=Smp_266770.1
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SM_V9_4 iris    CDS     31066467        31066497        .       +
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        .       ID=Smp_180240;geneID=Smp_180240
SM_V9_4 Liftoff mRNA    31092194        31156571        .       -
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1 Pfam:PF00014,PF00090,PF06468;Ontology_term=GO:0004867
SM_V9_4 Liftoff exon    31092194        31092963        .       -
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SM_V9_4 Liftoff exon    31096188        31096559        .       -
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SM_V9_4 Liftoff exon    31100654        31101006        .       -
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SM_V9_4 Liftoff exon    31102703        31103032        .       -
        .       Parent=Smp_180240.1
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SM_V9_4 Liftoff exon    31155179        31156571        .       -
        .       Parent=Smp_180240.1
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SM_V9_4 Liftoff CDS     31107145        31107331        .       -
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SM_V9_4 Liftoff CDS     31155179        31156265        .       -
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SM_V9_4 Liftoff gene    31204108        31253761        .       -
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17970,IPR020479
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SM_V9_4 Liftoff exon    31250135        31253761        .       -
        .       Parent=Smp_114565.1
SM_V9_4 Liftoff CDS     31204493        31205199        .       -
        2       Parent=Smp_114565.1
SM_V9_4 Liftoff CDS     31250135        31251644        .       -
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        .       Parent=Smp_310500.1;Name=a6c729ec-3f82-4835-b1f5-
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SM_V9_4 iris    exon    31370568        31370704        .       -
        .       Parent=Smp_310500.1;Name=d38b9d1f-29bb-47bc-
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SM_V9_4 iris    exon    31374521        31374739        .       -
        .       Parent=Smp_310500.1;Name=a053e440-1fa2-4172-832b-
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SM_V9_4 iris    exon    31375031        31377113        .       -
        .       Parent=Smp_310500.1;Name=f0d9fe13-aedc-4223-b862-
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SM_V9_4 iris    CDS     31370568        31370704        .       -
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SM_V9_4 iris    exon    31402150        31402330        .       -
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SM_V9_4 iris    CDS     31394936        31395148        .       -
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SM_V9_4 iris    CDS     31400478        31400551        .       -
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SM_V9_4 iris    CDS     31406173        31406317        .       -
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SM_V9_4 Liftoff exon    31429829        31430103        .       +
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SM_V9_4 Liftoff exon    31431199        31431669        .       +
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SM_V9_4 Liftoff exon    31443798        31443846        .       +
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SM_V9_4 Liftoff exon    31445609        31445697        .       +
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SM_V9_4 Liftoff exon    31450926        31451233        .       +
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SM_V9_4 Liftoff CDS     31432298        31432629        .       +
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SM_V9_4 iris    exon    31461602        31461803        .       -
        .       Parent=Smp_169530.1;Name=64f5f16c-163f-458c-a399-
f2984579fb39
SM_V9_4 iris    exon    31462795        31462885        .       -
        .       Parent=Smp_169530.1;Name=8a8f6e85-81cc-4249-8995-
a9efab201562
SM_V9_4 iris    exon    31465347        31465671        .       -
        .       Parent=Smp_169530.1;Name=ea759ddc-
b7e6-43f2-8051-41ebca7e071c
SM_V9_4 iris    exon    31466181        31466759        .       -
        .       Parent=Smp_169530.1;Name=1f290d45-5337-4449-8845-
c10f56d91850
SM_V9_4 iris    exon    31467329        31467627        .       -
        .
Parent=Smp_169530.1;Name=88f46584-2f13-4e62-81bc-230fda37a523
SM_V9_4 iris    exon    31468983        31469488        .       -
        .       Parent=Smp_169530.1;Name=792b21b5-
b2ff-489e-9ebd-87d2bfb74455
SM_V9_4 iris    exon    31471247        31471304        .       -
        .       Parent=Smp_169530.1;Name=1b1aa391-
f53d-46a2-8e64-946dd5cb19a3
SM_V9_4 iris    exon    31473180        31473423        .       -
        .       Parent=Smp_169530.1;Name=eb4edf78-0899-44b2-8b14-
f76ef4613129
SM_V9_4 iris    exon    31474356        31474609        .       -
        .       Parent=Smp_169530.1;Name=fe6bb657-7ab3-4b85-acdb-
bf1c65a322bb
SM_V9_4 iris    exon    31476403        31476513        .       -
        .       Parent=Smp_169530.1;Name=ce181f87-a0d6-4b91-
b9ed-95ca0efb6be0
SM_V9_4 iris    exon    31476554        31476752        .       -
        .       Parent=Smp_169530.1;Name=f717b48d-6810-4df6-bfb6-
d45e2bec6a77
SM_V9_4 iris    exon    31478464        31478866        .       -
        .       Parent=Smp_169530.1;Name=935cb874-8f60-45aa-
ba5b-21162b235162
SM_V9_4 iris    exon    31480394        31480462        .       -
        .       Parent=Smp_169530.1;Name=76b4862e-96c4-44f7-bf13-
adb00c8fe620
SM_V9_4 iris    exon    31481261        31481477        .       -
        .       Parent=Smp_169530.1;Name=7dafd037-a212-4340-9653-
f9c478a9d692
SM_V9_4 iris    exon    31482804        31482893        .       -
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        .       Parent=Smp_169530.1;Name=452ef0bd-d2e0-4522-
abc2-6f9ba33947c3
SM_V9_4 iris    exon    31482926        31483027        .       -
        .       Parent=Smp_169530.1;Name=68fce43a-dadc-4cb6-
a109-598e17b7d25e
SM_V9_4 iris    exon    31483063        31483240        .       -
        .
Parent=Smp_169530.1;Name=40907d42-8f4b-40d4-850e-874e59322aa4
SM_V9_4 iris    exon    31483278        31483401        .       -
        .       Parent=Smp_169530.1;Name=aa36eb0b-
c7a9-4ba8-949c-5ce31e6b4bcf
SM_V9_4 iris    exon    31483435        31483533        .       -
        .       Parent=Smp_169530.1;Name=19d468b5-3561-428c-
b3cd-736506887fdc
SM_V9_4 iris    exon    31483569        31483654        .       -
        .       Parent=Smp_169530.1;Name=430b19f6-701b-4688-adc9-
f7889eafc093
SM_V9_4 iris    CDS     31458709        31458767        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31460734        31461019        .       -
        0       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31461602        31461803        .       -
        1       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31462795        31462885        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31465347        31465671        .       -
        0       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31466181        31466759        .       -
        0       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31467329        31467627        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31468983        31469488        .       -
        1       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31471247        31471304        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31473180        31473423        .       -
        0       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31474356        31474609        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31476403        31476513        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31476554        31476752        .       -
        0       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31478464        31478866        .       -
        1       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31480394        31480462        .       -
        1       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31481261        31481477        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31482804        31482893        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31482926        31483027        .       -
        2       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31483063        31483240        .       -
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        0       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31483278        31483401        .       -
        1       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31483435        31483533        .       -
        1       Parent=Smp_169530.1
SM_V9_4 iris    CDS     31483569        31483624        .       -
        0       Parent=Smp_169530.1
SM_V9_4 iris    gene    31507578        31541020        .       +
        .
ID=Smp_174190;geneID=Smp_174190;gene_name=Smp_174190;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    31507578        31541020        .       +
        .
ID=Smp_174190.1;Parent=Smp_174190;geneID=Smp_174190;gene_name=Smp_17
4190;owner=irisadmin@local.host;orig_id=Smp_174190.2;date_last_modif
ied=2022-07-23;Name=Smp_174190.1;product=Tetraspanin-15;date_creatio
n=2022-07-23
SM_V9_4 iris    exon    31507578        31507886        .       +
        .       Parent=Smp_174190.1;Name=8a1ca3e0-2423-413d-bca9-
d05272361154
SM_V9_4 iris    exon    31507921        31507995        .       +
        .       Parent=Smp_174190.1;Name=2eb6a8cb-5070-48bd-a12c-
d4054c0fa69d
SM_V9_4 iris    exon    31509517        31509615        .       +
        .
Parent=Smp_174190.1;Name=43609127-5de1-4b0e-9c34-55a161434b39
SM_V9_4 iris    exon    31522659        31522928        .       +
        .       Parent=Smp_174190.1;Name=ca44c106-8ef5-474a-
b3f7-3c710faa2c1b
SM_V9_4 iris    exon    31532240        31532323        .       +
        .       Parent=Smp_174190.1;Name=c7ae5a10-d7a5-4a24-8dbd-
b688b3bac36b
SM_V9_4 iris    exon    31539271        31541020        .       +
        .
Parent=Smp_174190.1;Name=e60ab9c5-8cbc-45d4-8c6c-1f223d81e72c
SM_V9_4 iris    CDS     31507764        31507886        .       +
        0       Parent=Smp_174190.1
SM_V9_4 iris    CDS     31507921        31507995        .       +
        0       Parent=Smp_174190.1
SM_V9_4 iris    CDS     31509517        31509615        .       +
        0       Parent=Smp_174190.1
SM_V9_4 iris    CDS     31522659        31522928        .       +
        0       Parent=Smp_174190.1
SM_V9_4 iris    CDS     31532240        31532323        .       +
        0       Parent=Smp_174190.1
SM_V9_4 iris    CDS     31539271        31539357        .       +
        0       Parent=Smp_174190.1
SM_V9_4 iris    gene    31583179        31588908        .       -
        .
ID=Smp_094920;geneID=Smp_094920;gene_name=Smp_094920;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    31583179        31588908        .       -
        .
ID=Smp_094920.1;Parent=Smp_094920;geneID=Smp_094920;gene_name=Smp_09
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4920;owner=irisadmin@local.host;orig_id=Smp_094920.1;date_last_modif
ied=2022-08-19;Name=Smp_094920.1;product=UPF0553 protein
C9orf64;date_creation=2022-08-19
SM_V9_4 iris    exon    31583179        31583429        .       -
        .       Parent=Smp_094920.1;Name=8416ce46-cee4-4994-a6b2-
d14dae65ce11
SM_V9_4 iris    exon    31584649        31584716        .       -
        .       Parent=Smp_094920.1;Name=fd7b9d21-e7fb-434b-bd46-
dd877fa080de
SM_V9_4 iris    exon    31586089        31586159        .       -
        .       Parent=Smp_094920.1;Name=63fa92ee-f900-48e3-
a6e1-5e512b947b54
SM_V9_4 iris    exon    31586195        31586309        .       -
        .
Parent=Smp_094920.1;Name=5c5a90f0-2692-4d54-9e61-085fb4083542
SM_V9_4 iris    exon    31586340        31586613        .       -
        .       Parent=Smp_094920.1;Name=74aebc40-ad0b-407c-
b36d-4202ddd64dbf
SM_V9_4 iris    exon    31586649        31586778        .       -
        .       Parent=Smp_094920.1;Name=34516ec8-
c19c-4a61-9ce6-0dbdb78df610
SM_V9_4 iris    exon    31586815        31586903        .       -
        .       Parent=Smp_094920.1;Name=faf0ba47-5286-4363-
a73c-43a838205437
SM_V9_4 iris    exon    31586939        31587066        .       -
        .
Parent=Smp_094920.1;Name=86759478-81d1-4b12-93e9-9df7ccc7cc75
SM_V9_4 iris    exon    31588840        31588908        .       -
        .       Parent=Smp_094920.1;Name=80abe855-c017-4250-9478-
f9eec5216cab
SM_V9_4 iris    CDS     31583286        31583429        .       -
        0       Parent=Smp_094920.1
SM_V9_4 iris    CDS     31584649        31584716        .       -
        2       Parent=Smp_094920.1
SM_V9_4 iris    CDS     31586089        31586159        .       -
        1       Parent=Smp_094920.1
SM_V9_4 iris    CDS     31586195        31586309        .       -
        2       Parent=Smp_094920.1
SM_V9_4 iris    CDS     31586340        31586613        .       -
        0       Parent=Smp_094920.1
SM_V9_4 iris    CDS     31586649        31586778        .       -
        1       Parent=Smp_094920.1
SM_V9_4 iris    CDS     31586815        31586903        .       -
        0       Parent=Smp_094920.1
SM_V9_4 iris    CDS     31586939        31587037        .       -
        0       Parent=Smp_094920.1
SM_V9_4 iris    gene    31593481        31650015        .       -
        .
ID=Smp_094930;geneID=Smp_094930;gene_name=Smp_094930;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    31593481        31650015        .       -
        .
ID=Smp_094930.1;Parent=Smp_094930;geneID=Smp_094930;gene_name=Smp_09
4930;owner=irisadmin@local.host;orig_id=Smp_094930.1;date_last_modif
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ied=2022-07-23;Name=Smp_094930.1;product=Early growth response
protein 3;date_creation=2022-07-23
SM_V9_4 iris    exon    31593481        31595566        .       -
        .       Parent=Smp_094930.1;Name=8f857ca1-0b72-46c1-
a97f-332f1cbe53c0
SM_V9_4 iris    exon    31649635        31650015        .       -
        .       Parent=Smp_094930.1;Name=9e9c0dd1-39cb-4b98-a08c-
b6757c7f2812
SM_V9_4 iris    CDS     31594014        31595566        .       -
        2       Parent=Smp_094930.1
SM_V9_4 iris    CDS     31649635        31649962        .       -
        0       Parent=Smp_094930.1
SM_V9_4 Liftoff gene    31686075        31687421        .       -
        .       ID=Smp_175190;geneID=Smp_175190
SM_V9_4 Liftoff mRNA    31686075        31687421        .       -
        .
ID=Smp_175190.1;Parent=Smp_175190;geneID=Smp_175190;product=1-deoxy-
D-xylulose-5-phosphate synthase
SM_V9_4 Liftoff exon    31686075        31687421        .       -
        .       Parent=Smp_175190.1
SM_V9_4 Liftoff CDS     31686075        31687421        .       -
        0       Parent=Smp_175190.1
SM_V9_4 Liftoff gene    31702668        31710804        .       +
        .       ID=Smp_096720;geneID=Smp_096720
SM_V9_4 Liftoff mRNA    31702668        31710804        .       +
        .
ID=Smp_096720.1;Parent=Smp_096720;geneID=Smp_096720;product=WD
repeat-containing protein 91
SM_V9_4 Liftoff exon    31702668        31709188        .       +
        .       Parent=Smp_096720.1
SM_V9_4 Liftoff exon    31709222        31709495        .       +
        .       Parent=Smp_096720.1
SM_V9_4 Liftoff exon    31709534        31709709        .       +
        .       Parent=Smp_096720.1
SM_V9_4 Liftoff exon    31710229        31710804        .       +
        .       Parent=Smp_096720.1
SM_V9_4 Liftoff CDS     31709075        31709188        .       +
        0       Parent=Smp_096720.1
SM_V9_4 Liftoff CDS     31709222        31709495        .       +
        0       Parent=Smp_096720.1
SM_V9_4 Liftoff CDS     31709534        31709709        .       +
        2       Parent=Smp_096720.1
SM_V9_4 Liftoff CDS     31710229        31710339        .       +
        0       Parent=Smp_096720.1
SM_V9_4 iris    gene    31711378        31745093        .       -
        .
ID=Smp_175200;geneID=Smp_175200;gene_name=Smp_175200;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    31711378        31745093        .       -
        .
ID=Smp_175200.1;Parent=Smp_175200;geneID=Smp_175200;gene_name=Smp_17
5200;owner=irisadmin@local.host;orig_id=Smp_175200.1;date_last_modif
ied=2022-07-23;Name=Smp_175200.1;product=Protein TAPT1
homolog;date_creation=2022-07-23
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SM_V9_4 iris    exon    31711378        31712100        .       -
        .       Parent=Smp_175200.1;Name=4a197b4b-ee5e-4a22-8cfe-
ace8c396cff8
SM_V9_4 iris    exon    31712197        31712723        .       -
        .
Parent=Smp_175200.1;Name=18fa2ac3-4dbc-4ad2-8e1e-3f846c4e8e83
SM_V9_4 iris    exon    31713757        31713899        .       -
        .       Parent=Smp_175200.1;Name=958a915a-f933-4348-b6a8-
ed566ac812fd
SM_V9_4 iris    exon    31715662        31715721        .       -
        .       Parent=Smp_175200.1;Name=30a8f918-4d5e-4921-843c-
e07b3504089f
SM_V9_4 iris    exon    31717408        31717517        .       -
        .       Parent=Smp_175200.1;Name=5a4edf93-7a97-48da-
bcde-2fb2d92afb76
SM_V9_4 iris    exon    31723787        31723937        .       -
        .       Parent=Smp_175200.1;Name=f5cf16f4-57a9-4ac5-8aba-
cb09ca540bdf
SM_V9_4 iris    exon    31725515        31725612        .       -
        .       Parent=Smp_175200.1;Name=bcb36ff1-aa64-4065-
ad70-0bb56f78ea1a
SM_V9_4 iris    exon    31731259        31731427        .       -
        .       Parent=Smp_175200.1;Name=fc822c33-98b7-417b-b85e-
a0112a2ae35a
SM_V9_4 iris    exon    31733323        31733509        .       -
        .       Parent=Smp_175200.1;Name=6bf32288-512b-4e85-af05-
a8824e19ac75
SM_V9_4 iris    exon    31737057        31737205        .       -
        .       Parent=Smp_175200.1;Name=bb6e9fbb-59da-4c25-
b6f1-63f9edafdfd8
SM_V9_4 iris    exon    31743403        31743560        .       -
        .
Parent=Smp_175200.1;Name=5a5f72a6-679d-4c92-8e35-23a72feab21d
SM_V9_4 iris    exon    31744980        31745093        .       -
        .       Parent=Smp_175200.1;Name=8131e442-e10c-40c4-8112-
ece60c7a53f7
SM_V9_4 iris    CDS     31711451        31712100        .       -
        2       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31712197        31712723        .       -
        1       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31713757        31713899        .       -
        0       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31715662        31715721        .       -
        0       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31717408        31717517        .       -
        2       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31723787        31723937        .       -
        0       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31725515        31725612        .       -
        2       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31731259        31731427        .       -
        0       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31733323        31733509        .       -
        1       Parent=Smp_175200.1
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SM_V9_4 iris    CDS     31737057        31737205        .       -
        0       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31743403        31743560        .       -
        2       Parent=Smp_175200.1
SM_V9_4 iris    CDS     31744980        31745049        .       -
        0       Parent=Smp_175200.1
SM_V9_4 Liftoff gene    31747511        31747979        .       -
        .       ID=Smp_175210;geneID=Smp_175210
SM_V9_4 Liftoff mRNA    31747511        31747979        .       -
        .
ID=Smp_175210.1;Parent=Smp_175210;geneID=Smp_175210;product=Enhancer
of rudimentary homolog;polypeptide_domain=InterPro:IPR000781
Pfam:PF01133;Ontology_term=GO:0006221,GO:0007049,GO:0045747
SM_V9_4 Liftoff exon    31747511        31747979        .       -
        .       Parent=Smp_175210.1
SM_V9_4 Liftoff CDS     31747621        31747929        .       -
        0       Parent=Smp_175210.1
SM_V9_4 iris    gene    31747994        31751264        .       -
        .
ID=Smp_334290;geneID=Smp_334290;gene_name=Smp_334290;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    31747994        31751264        .       -
        .
ID=Smp_334290.1;Parent=Smp_334290;geneID=Smp_334290;gene_name=Smp_33
4290;owner=irisadmin@local.host;orig_id=Smp_334290.1;date_last_modif
ied=2022-07-23;Name=Smp_334290.1;product=Endoplasmic reticulum
metallopeptidase 1;date_creation=2022-07-23
SM_V9_4 iris    exon    31747994        31751264        .       -
        .       Parent=Smp_334290.1;Name=Smp_334290.1-CDS
SM_V9_4 iris    CDS     31749492        31751153        .       -
        0       Parent=Smp_334290.1
SM_V9_4 Liftoff gene    31757881        31758404        .       -
        .       ID=Smp_329590;geneID=Smp_329590
SM_V9_4 Liftoff mRNA    31757881        31758404        .       -
        .
ID=Smp_329590.1;Parent=Smp_329590;geneID=Smp_329590;product=40S
ribosomal protein
S13;polypeptide_domain=InterPro:IPR000589,IPR009068,IPR012606
Pfam:PF00312,PF08069;Ontology_term=GO:0003735,GO:0005622,GO:0005840,
GO:0006412
SM_V9_4 Liftoff exon    31757881        31758239        .       -
        .       Parent=Smp_329590.1
SM_V9_4 Liftoff exon    31758274        31758404        .       -
        .       Parent=Smp_329590.1
SM_V9_4 Liftoff CDS     31757935        31758239        .       -
        2       Parent=Smp_329590.1
SM_V9_4 Liftoff CDS     31758274        31758343        .       -
        0       Parent=Smp_329590.1
SM_V9_4 Liftoff gene    31766188        31766766        .       +
        .       ID=Smp_096750;geneID=Smp_096750
SM_V9_4 Liftoff mRNA    31766188        31766766        .       +
        .
ID=Smp_096750.1;Parent=Smp_096750;geneID=Smp_096750;product=40S
ribosomal protein
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S13;polypeptide_domain=InterPro:IPR000589,IPR009068,IPR012606,IPR023
029
Pfam:PF00312,PF08069;Ontology_term=GO:0003735,GO:0005622,GO:0005840,
GO:0006412
SM_V9_4 Liftoff exon    31766188        31766373        .       +
        .       Parent=Smp_096750.1
SM_V9_4 Liftoff exon    31766408        31766766        .       +
        .       Parent=Smp_096750.1
SM_V9_4 Liftoff CDS     31766223        31766373        .       +
        0       Parent=Smp_096750.1
SM_V9_4 Liftoff CDS     31766408        31766712        .       +
        2       Parent=Smp_096750.1
SM_V9_4 Liftoff gene    31791358        31801455        .       +
        .       ID=Smp_175230;geneID=Smp_175230
SM_V9_4 Liftoff mRNA    31791358        31801455        .       +
        .
ID=Smp_175230.1;Parent=Smp_175230;geneID=Smp_175230;product=Dihydrof
olate
reductase;polypeptide_domain=InterPro:IPR001796,IPR012259,IPR017925,
IPR024072
Pfam:PF00186;Ontology_term=GO:0004146,GO:0006545,GO:0009165,GO:00506
61,GO:0055114
SM_V9_4 Liftoff exon    31791358        31791461        .       +
        .       Parent=Smp_175230.1
SM_V9_4 Liftoff exon    31793962        31794147        .       +
        .       Parent=Smp_175230.1
SM_V9_4 Liftoff exon    31794183        31794303        .       +
        .       Parent=Smp_175230.1
SM_V9_4 Liftoff exon    31795203        31795318        .       +
        .       Parent=Smp_175230.1
SM_V9_4 Liftoff exon    31801283        31801455        .       +
        .       Parent=Smp_175230.1
SM_V9_4 Liftoff CDS     31791385        31791461        .       +
        0       Parent=Smp_175230.1
SM_V9_4 Liftoff CDS     31793962        31794147        .       +
        1       Parent=Smp_175230.1
SM_V9_4 Liftoff CDS     31794183        31794303        .       +
        1       Parent=Smp_175230.1
SM_V9_4 Liftoff CDS     31795203        31795318        .       +
        0       Parent=Smp_175230.1
SM_V9_4 Liftoff CDS     31801283        31801373        .       +
        1       Parent=Smp_175230.1
SM_V9_4 iris    gene    31811255        31826045        .       -
        .
ID=Smp_096760;geneID=Smp_096760;gene_name=Smp_096760;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    31811255        31826045        .       -
        .
ID=Smp_096760.1;Parent=Smp_096760;geneID=Smp_096760;gene_name=Smp_09
6760;owner=irisadmin@local.host;orig_id=Smp_096760.1;date_last_modif
ied=2022-07-23;Name=Smp_096760.1;product=Probable phosphoglycerate
mutase;date_creation=2022-07-23
SM_V9_4 iris    exon    31811255        31811607        .       -
        .       Parent=Smp_096760.1;Name=61bee826-fe89-4098-827e-
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c240241c50fd
SM_V9_4 iris    exon    31812777        31812885        .       -
        .       Parent=Smp_096760.1;Name=e7dd25a2-d4f9-4876-a759-
cce0084dadfe
SM_V9_4 iris    exon    31814143        31814241        .       -
        .       Parent=Smp_096760.1;Name=a85a6715-80b2-4ec0-
acb6-4b6254a46d0b
SM_V9_4 iris    exon    31822671        31822845        .       -
        .       Parent=Smp_096760.1;Name=268ef181-f55a-4c51-
bb0d-2f33328012c6
SM_V9_4 iris    exon    31825105        31825364        .       -
        .       Parent=Smp_096760.1;Name=ce9ceaa6-5d78-4519-b310-
b4b90383af93
SM_V9_4 iris    exon    31825996        31826045        .       -
        .       Parent=Smp_096760.1;Name=8456ef0c-6d66-425d-8f1c-
c4067a0409ca
SM_V9_4 iris    CDS     31811486        31811607        .       -
        2       Parent=Smp_096760.1
SM_V9_4 iris    CDS     31812777        31812885        .       -
        0       Parent=Smp_096760.1
SM_V9_4 iris    CDS     31814143        31814241        .       -
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SM_V9_4 iris    CDS     31822671        31822845        .       -
        1       Parent=Smp_096760.1
SM_V9_4 iris    CDS     31825105        31825352        .       -
        0       Parent=Smp_096760.1
SM_V9_4 iris    gene    31856685        31865212        .       -
        .
ID=Smp_096780;geneID=Smp_096780;gene_name=Smp_096780 ;owner=irisadmi
n@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    31856685        31865212        .       -
        .
ID=Smp_096780.1;Parent=Smp_096780;geneID=Smp_096780;gene_name=Smp_09
6780 ;owner=irisadmin@local.host;orig_id=Smp_096780.1;date_last_modi
fied=2022-07-23;Name=Smp_096780.1;product=Transmembrane protein
165;date_creation=2022-07-23
SM_V9_4 iris    exon    31856685        31857365        .       -
        .       Parent=Smp_096780.1;Name=c3c78abd-6e27-4461-
bcd9-29e95372fc74
SM_V9_4 iris    exon    31859067        31859172        .       -
        .       Parent=Smp_096780.1;Name=8d08b1d4-e83f-4ae4-a784-
eed95d67a8b1
SM_V9_4 iris    exon    31864433        31864683        .       -
        .       Parent=Smp_096780.1;Name=0de1bdca-ee21-46ea-8af0-
c0cb3cd9a9d4
SM_V9_4 iris    exon    31864715        31864813        .       -
        .
Parent=Smp_096780.1;Name=6a65705a-6d62-4353-9829-99adbb917f09
SM_V9_4 iris    exon    31864848        31865212        .       -
        .       Parent=Smp_096780.1;Name=7c3a0bb7-2cdc-45b1-
a932-2139a1968f6b
SM_V9_4 iris    CDS     31857289        31857365        .       -
        2       Parent=Smp_096780.1
SM_V9_4 iris    CDS     31859067        31859172        .       -
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        0       Parent=Smp_096780.1
SM_V9_4 iris    CDS     31864433        31864683        .       -
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SM_V9_4 iris    CDS     31864715        31864813        .       -
        2       Parent=Smp_096780.1
SM_V9_4 iris    CDS     31864848        31865154        .       -
        0       Parent=Smp_096780.1
SM_V9_4 iris    gene    31879438        31895312        .       -
        .
ID=Smp_334300;geneID=Smp_334300;gene_name=Smp_334300;owner=irisadmin
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SM_V9_4 iris    mRNA    31879438        31895312        .       -
        .
ID=Smp_334300.1;Parent=Smp_334300;geneID=Smp_334300;gene_name=Smp_33
4300;owner=irisadmin@local.host;orig_id=Smp_334300.1;date_last_modif
ied=2022-07-23;Name=Smp_334300.1;product=Pre-mRNA 3'-end-processing
factor FIP1;date_creation=2022-07-23
SM_V9_4 iris    exon    31879438        31880080        .       -
        .       Parent=Smp_334300.1;Name=0e1f4c37-93e3-4cb6-
b908-5352958f43bc
SM_V9_4 iris    exon    31880576        31880644        .       -
        .
Parent=Smp_334300.1;Name=c4f3d640-94ec-4925-8e18-306022d12d14
SM_V9_4 iris    exon    31884441        31884512        .       -
        .       Parent=Smp_334300.1;Name=e7c527b6-0ef6-4f23-
abbe-85bec5176e5e
SM_V9_4 iris    exon    31886488        31887307        .       -
        .       Parent=Smp_334300.1;Name=1cb7ecaf-09c8-4dfc-
b74c-80e752c48dbb
SM_V9_4 iris    exon    31894892        31895197        .       -
        .
Parent=Smp_334300.1;Name=aea8c274-70f3-412a-929c-36d08adfea89
SM_V9_4 iris    exon    31895240        31895312        .       -
        .       Parent=Smp_334300.1;Name=058e0bd6-
f6a9-4ae1-9eb8-0b68658430f6
SM_V9_4 iris    CDS     31879627        31880080        .       -
        1       Parent=Smp_334300.1
SM_V9_4 iris    CDS     31880576        31880644        .       -
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SM_V9_4 iris    CDS     31884441        31884512        .       -
        1       Parent=Smp_334300.1
SM_V9_4 iris    CDS     31886488        31887307        .       -
        2       Parent=Smp_334300.1
SM_V9_4 iris    CDS     31894892        31895197        .       -
        2       Parent=Smp_334300.1
SM_V9_4 iris    CDS     31895240        31895264        .       -
        0       Parent=Smp_334300.1
SM_V9_4 Liftoff gene    31908820        31920491        .       +
        .       ID=Smp_160190;geneID=Smp_160190
SM_V9_4 Liftoff mRNA    31908820        31920491        .       +
        .
ID=Smp_160190.1;Parent=Smp_160190;geneID=Smp_160190;product=DNA
primase small
subunit;polypeptide_domain=InterPro:IPR002755,IPR014052
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Pfam:PF01896;Ontology_term=GO:0003896,GO:0006269
SM_V9_4 Liftoff exon    31908820        31908956        .       +
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SM_V9_4 Liftoff exon    31908984        31909166        .       +
        .       Parent=Smp_160190.1
SM_V9_4 Liftoff exon    31912384        31912695        .       +
        .       Parent=Smp_160190.1
SM_V9_4 Liftoff exon    31914128        31914518        .       +
        .       Parent=Smp_160190.1
SM_V9_4 Liftoff exon    31920055        31920491        .       +
        .       Parent=Smp_160190.1
SM_V9_4 Liftoff CDS     31908852        31908956        .       +
        0       Parent=Smp_160190.1
SM_V9_4 Liftoff CDS     31908984        31909166        .       +
        0       Parent=Smp_160190.1
SM_V9_4 Liftoff CDS     31912384        31912695        .       +
        0       Parent=Smp_160190.1
SM_V9_4 Liftoff CDS     31914128        31914518        .       +
        0       Parent=Smp_160190.1
SM_V9_4 Liftoff CDS     31920055        31920410        .       +
        2       Parent=Smp_160190.1
SM_V9_4 iris    gene    31921480        31937791        .       -
        .
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    31921480        31937791        .       -
        .
ID=Smp_160180.1;Parent=Smp_160180;geneID=Smp_160180;gene_name=Smp_16
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ied=2022-07-23;Name=Smp_160180.1;product=Protein
shifted;date_creation=2022-07-23
SM_V9_4 iris    exon    31921480        31922410        .       -
        .
Parent=Smp_160180.1;Name=5c098ff6-374c-4129-8240-9e03a04b6b9b
SM_V9_4 iris    exon    31924394        31924537        .       -
        .
Parent=Smp_160180.1;Name=521cafe5-0cab-460b-965a-8494c72e15bf
SM_V9_4 iris    exon    31926659        31926758        .       -
        .
Parent=Smp_160180.1;Name=4c5eae78-53bd-43eb-9490-75e4e6bdbc81
SM_V9_4 iris    exon    31929435        31929571        .       -
        .       Parent=Smp_160180.1;Name=0cb65c13-66cd-4945-
bc6e-2f12ee7bb9ad
SM_V9_4 iris    exon    31930984        31931254        .       -
        .       Parent=Smp_160180.1;Name=34deb416-8dab-4818-a35f-
f731a82d0d34
SM_V9_4 iris    exon    31937478        31937791        .       -
        .       Parent=Smp_160180.1;Name=3d602f1d-7f9f-442b-
b4fa-0e7b7dbbe515
SM_V9_4 iris    CDS     31922256        31922410        .       -
        2       Parent=Smp_160180.1
SM_V9_4 iris    CDS     31924394        31924537        .       -
        2       Parent=Smp_160180.1
SM_V9_4 iris    CDS     31926659        31926758        .       -
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        0       Parent=Smp_160180.1
SM_V9_4 iris    CDS     31929435        31929571        .       -
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SM_V9_4 iris    CDS     31930984        31931248        .       -
        0       Parent=Smp_160180.1
SM_V9_4 iris    gene    31957997        31967462        .       -
        .
ID=Smp_070030;geneID=Smp_070030;gene_name=Smp_070030;owner=irisadmin
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SM_V9_4 iris    mRNA    31957997        31967462        .       -
        .
ID=Smp_070030.1;Parent=Smp_070030;geneID=Smp_070030;gene_name=Smp_07
0030;owner=irisadmin@local.host;orig_id=Smp_070030.1;date_last_modif
ied=2022-07-23;Name=Smp_070030.1;product=Charged multivesicular body
protein 2b;date_creation=2022-07-23
SM_V9_4 iris    exon    31957997        31958584        .       -
        .       Parent=Smp_070030.1;Name=df20263e-65cc-44e9-befa-
e1bb744df759
SM_V9_4 iris    exon    31962280        31962626        .       -
        .       Parent=Smp_070030.1;Name=cb7a61ed-05cc-4ac7-8db1-
c281b06ffd35
SM_V9_4 iris    exon    31963721        31963748        .       -
        .
Parent=Smp_070030.1;Name=eb4ec285-7050-41ac-9e17-8185a999b5b1
SM_V9_4 iris    exon    31967059        31967462        .       -
        .       Parent=Smp_070030.1;Name=27e46187-5ab7-43fa-
b084-7663206a4783
SM_V9_4 iris    CDS     31958327        31958584        .       -
        0       Parent=Smp_070030.1
SM_V9_4 iris    CDS     31962280        31962618        .       -
        0       Parent=Smp_070030.1
SM_V9_4 Liftoff gene    31990988        32024992        .       -
        .       ID=Smp_070020;geneID=Smp_070020
SM_V9_4 Liftoff mRNA    31990988        32024992        .       -
        .
ID=Smp_070020.1;Parent=Smp_070020;geneID=Smp_070020;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    31990988        31992587        .       -
        .       Parent=Smp_070020.1
SM_V9_4 Liftoff exon    32021887        32024992        .       -
        .       Parent=Smp_070020.1
SM_V9_4 Liftoff CDS     31992421        31992587        .       -
        2       Parent=Smp_070020.1
SM_V9_4 Liftoff CDS     32021887        32024425        .       -
        0       Parent=Smp_070020.1
SM_V9_4 iris    gene    32097544        32123602        .       -
        .
ID=Smp_160170;geneID=Smp_160170;gene_name=Smp_160170;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32097544        32123602        .       -
        .
ID=Smp_160170.1;Parent=Smp_160170;geneID=Smp_160170;gene_name=Smp_16
0170;owner=irisadmin@local.host;orig_id=Smp_160170.1;date_last_modif
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associated protein 99;date_creation=2022-07-23
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a0b9-4a16-9921-8680d19d66e4
SM_V9_4 iris    exon    32100501        32100684        .       -
        .
Parent=Smp_160170.1;Name=53683fcb-537c-4506-8e87-48957971b410
SM_V9_4 iris    exon    32110384        32110622        .       -
        .       Parent=Smp_160170.1;Name=64114645-5e5b-4e4c-
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SM_V9_4 iris    exon    32113919        32114067        .       -
        .       Parent=Smp_160170.1;Name=3ea4bd27-f482-4a8f-819f-
d0b58d034487
SM_V9_4 iris    exon    32115465        32115811        .       -
        .       Parent=Smp_160170.1;Name=cee05ec3-3b51-4f2a-ae92-
dd57b6f9bb39
SM_V9_4 iris    exon    32116950        32117260        .       -
        .       Parent=Smp_160170.1;Name=93cf31e3-11be-40ff-ab4d-
d50f65909728
SM_V9_4 iris    exon    32118869        32118970        .       -
        .       Parent=Smp_160170.1;Name=872e5509-3873-4013-
bd6c-5be103fb899c
SM_V9_4 iris    exon    32119021        32119079        .       -
        .       Parent=Smp_160170.1;Name=870d7c83-
a413-4b28-882b-05668ce4b9d6
SM_V9_4 iris    exon    32119129        32119205        .       -
        .       Parent=Smp_160170.1;Name=ecb615bf-3cf1-4cf2-a1ae-
d9d70f009990
SM_V9_4 iris    exon    32122977        32123086        .       -
        .       Parent=Smp_160170.1;Name=73fe2348-9911-4fcf-8f19-
d1cc76b1d143
SM_V9_4 iris    exon    32123123        32123217        .       -
        .
Parent=Smp_160170.1;Name=cfb350c2-793f-4320-88a5-70db979f11f9
SM_V9_4 iris    exon    32123299        32123449        .       -
        .       Parent=Smp_160170.1;Name=a8b5c231-f854-4c1b-964a-
cd3d44601424
SM_V9_4 iris    exon    32123486        32123602        .       -
        .       Parent=Smp_160170.1;Name=99ed9a9e-5918-44d3-
b75d-204d67889acd
SM_V9_4 iris    CDS     32097835        32097948        .       -
        0       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32100501        32100684        .       -
        1       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32110384        32110622        .       -
        0       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32113919        32114067        .       -
        2       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32115465        32115811        .       -
        1       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32116950        32117260        .       -
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SM_V9_4 iris    CDS     32119021        32119079        .       -
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SM_V9_4 iris    CDS     32119129        32119205        .       -
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SM_V9_4 iris    CDS     32122977        32123086        .       -
        0       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32123123        32123217        .       -
        2       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32123299        32123449        .       -
        0       Parent=Smp_160170.1
SM_V9_4 iris    CDS     32123486        32123575        .       -
        0       Parent=Smp_160170.1
SM_V9_4 Liftoff gene    32134456        32166608        .       +
        .
ID=Smp_247740;geneID=Smp_247740;previous_systematic_id=Smp_070000,Sm
p_070090,Smp_198150
SM_V9_4 Liftoff mRNA    32134456        32166608        .       +
        .
ID=Smp_247740.1;Parent=Smp_247740;geneID=Smp_247740;product=Drebrin-
like
protein;polypeptide_domain=InterPro:IPR001452,IPR002108,IPR016143,IP
R029006
Pfam:PF00241,PF14604;Ontology_term=GO:0003779,GO:0005515,GO:0005622
SM_V9_4 Liftoff exon    32134456        32134583        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32134616        32134668        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32134709        32134815        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32139083        32139157        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32141638        32141781        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32143105        32143227        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32147971        32148147        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32154551        32154655        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32160373        32160471        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32161985        32162077        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32163879        32164215        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff exon    32165392        32166608        .       +
        .       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32134510        32134583        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32134616        32134668        .       +
        1       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32134709        32134815        .       +
        2       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32139083        32139157        .       +
```

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        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32141638        32141781        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32143105        32143227        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32147971        32148147        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32154551        32154655        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32160373        32160471        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32161985        32162077        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32163879        32164215        .       +
        0       Parent=Smp_247740.1
SM_V9_4 Liftoff CDS     32165392        32165531        .       +
        2       Parent=Smp_247740.1
SM_V9_4 iris    gene    32188560        32204185        .       +
        .
ID=Smp_070100;geneID=Smp_070100;gene_name=Smp_070100;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32188560        32204185        .       +
        .
ID=Smp_070100.1;Parent=Smp_070100;geneID=Smp_070100;gene_name=Smp_07
0100;owner=irisadmin@local.host;orig_id=Smp_070100.1;date_last_modif
ied=2022-07-23;Name=Smp_070100.1;product=npp-6;date_creation=2022-07
-23
SM_V9_4 iris    exon    32188560        32188742        .       +
        .
Parent=Smp_070100.1;Name=7f9deaa8-9448-4bc3-8e12-625fe9619d29
SM_V9_4 iris    exon    32201991        32202089        .       +
        .       Parent=Smp_070100.1;Name=294104e5-b934-4d29-
aa76-655ad502cfa5
SM_V9_4 iris    exon    32203899        32204185        .       +
        .       Parent=Smp_070100.1;Name=5ab08c50-a661-4c9d-
a990-6b80228f015c
SM_V9_4 iris    CDS     32202023        32202089        .       +
        0       Parent=Smp_070100.1
SM_V9_4 iris    CDS     32203899        32204074        .       +
        2       Parent=Smp_070100.1
SM_V9_4 iris    gene    32226373        32234947        .       +
        .
ID=Smp_070110;geneID=Smp_070110;gene_name=Smp_070110;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32226373        32234947        .       +
        .
ID=Smp_070110.1;Parent=Smp_070110;geneID=Smp_070110;gene_name=Smp_07
0110;owner=irisadmin@local.host;orig_id=Smp_070110.2;date_last_modif
ied=2022-07-23;Name=Smp_070110.1;product=Probable 39S ribosomal
protein L45, mitochondrial;date_creation=2022-07-23
SM_V9_4 iris    exon    32226373        32226403        .       +
        .       Parent=Smp_070110.1;Name=afa2df5d-957f-444d-a606-
bf2bc01a02b9
SM_V9_4 iris    exon    32228561        32228817        .       +
```

```
        .       Parent=Smp_070110.1;Name=95a3f0a0-7b0b-4493-
a1dd-47efae16bf4d
SM_V9_4 iris    exon    32229696        32229760        .       +
        .       Parent=Smp_070110.1;Name=0f4430db-3f38-4068-
aa67-0c6a0d4624f1
SM_V9_4 iris    exon    32229817        32229968        .       +
        .       Parent=Smp_070110.1;Name=b7cbd18f-f4b6-468f-
b5a1-69bae58d3b80
SM_V9_4 iris    exon    32232331        32232385        .       +
        .       Parent=Smp_070110.1;Name=84ab4122-7310-498b-b724-
a313556de1ca
SM_V9_4 iris    exon    32233548        32233697        .       +
        .       Parent=Smp_070110.1;Name=a2337ca3-6d1f-4dc2-a8a0-
b2062ea91df4
SM_V9_4 iris    exon    32234588        32234947        .       +
        .       Parent=Smp_070110.1;Name=768589f1-57ed-43c9-
af5d-6571b23b792c
SM_V9_4 iris    CDS     32228670        32228817        .       +
        0       Parent=Smp_070110.1
SM_V9_4 iris    CDS     32229696        32229760        .       +
        2       Parent=Smp_070110.1
SM_V9_4 iris    CDS     32229817        32229968        .       +
        0       Parent=Smp_070110.1
SM_V9_4 iris    CDS     32232331        32232385        .       +
        1       Parent=Smp_070110.1
SM_V9_4 iris    CDS     32233548        32233697        .       +
        0       Parent=Smp_070110.1
SM_V9_4 iris    CDS     32234588        32234887        .       +
        0       Parent=Smp_070110.1
SM_V9_4 iris    gene    32240911        32278548        .       -
        .
ID=Smp_160210;geneID=Smp_160210;gene_name=Smp_160210;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32240911        32278548        .       -
        .
ID=Smp_160210.1;Parent=Smp_160210;geneID=Smp_160210;gene_name=Smp_16
0210;owner=irisadmin@local.host;orig_id=Smp_160210.1;date_last_modif
ied=2022-07-23;Name=Smp_160210.1;product=Ceramide
glucosyltransferase;date_creation=2022-07-23
SM_V9_4 iris    exon    32240911        32243431        .       -
        .       Parent=Smp_160210.1;Name=3023b169-
c88e-4d47-9d88-4aab05d13de2
SM_V9_4 iris    exon    32248129        32248408        .       -
        .       Parent=Smp_160210.1;Name=5d66c357-eae9-4d01-858b-
e0e5dd5f52bc
SM_V9_4 iris    exon    32250763        32250941        .       -
        .       Parent=Smp_160210.1;Name=2f0dd210-1c07-46b5-8503-
fc84f77c609f
SM_V9_4 iris    exon    32260965        32261080        .       -
        .       Parent=Smp_160210.1;Name=abe14ecc-
ef0a-4618-9f48-0cb1203f2679
SM_V9_4 iris    exon    32263928        32264029        .       -
        .       Parent=Smp_160210.1;Name=c00bf326-fe04-42ab-
b890-723ed62a0f1c
```

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SM_V9_4 iris    exon    32268803        32268905        .       -
        .       Parent=Smp_160210.1;Name=497e4286-4b18-4816-a34c-
f861efb5917e
SM_V9_4 iris    exon    32278216        32278351        .       -
        .       Parent=Smp_160210.1;Name=05c1c983-e499-433b-
af41-8838fd94ae32
SM_V9_4 iris    exon    32278384        32278548        .       -
        .       Parent=Smp_160210.1;Name=4d37fd8e-0dd7-45c9-
a3fd-34bd267757d0
SM_V9_4 iris    CDS     32242712        32243431        .       -
        0       Parent=Smp_160210.1
SM_V9_4 iris    CDS     32248129        32248408        .       -
        1       Parent=Smp_160210.1
SM_V9_4 iris    CDS     32250763        32250941        .       -
        0       Parent=Smp_160210.1
SM_V9_4 iris    CDS     32260965        32261080        .       -
        2       Parent=Smp_160210.1
SM_V9_4 iris    CDS     32263928        32264029        .       -
        2       Parent=Smp_160210.1
SM_V9_4 iris    CDS     32268803        32268905        .       -
        0       Parent=Smp_160210.1
SM_V9_4 iris    CDS     32278216        32278351        .       -
        1       Parent=Smp_160210.1
SM_V9_4 iris    CDS     32278384        32278493        .       -
        0       Parent=Smp_160210.1
SM_V9_4 iris    gene    32285422        32293404        .       +
        .
ID=Smp_070130;geneID=Smp_070130;gene_name=Smp_070130;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32285422        32293404        .       +
        .
ID=Smp_070130.1;Parent=Smp_070130;geneID=Smp_070130;gene_name=Smp_07
0130;owner=irisadmin@local.host;orig_id=Smp_070130.1;date_last_modif
ied=2022-07-23;Name=Smp_070130.1;product=Bud site selection protein
20;date_creation=2022-07-23
SM_V9_4 iris    exon    32285422        32285474        .       +
        .       Parent=Smp_070130.1;Name=eb205dbb-0151-4896-
a4ae-3828b8e1c19b
SM_V9_4 iris    exon    32289070        32289192        .       +
        .       Parent=Smp_070130.1;Name=be42e61f-8e65-4642-
b14e-6044a907f974
SM_V9_4 iris    exon    32290272        32290475        .       +
        .       Parent=Smp_070130.1;Name=eb053b32-
df32-4618-94de-42f5f02a46dd
SM_V9_4 iris    exon    32293123        32293404        .       +
        .
Parent=Smp_070130.1;Name=c3b19c9b-34df-48d2-8a5e-337e2ad75c79
SM_V9_4 iris    CDS     32289127        32289192        .       +
        0       Parent=Smp_070130.1
SM_V9_4 iris    CDS     32290272        32290475        .       +
        0       Parent=Smp_070130.1
SM_V9_4 iris    CDS     32293123        32293257        .       +
        0       Parent=Smp_070130.1
SM_V9_4 Liftoff gene    32303544        32321498        .       -
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        .
ID=Smp_213530;geneID=Smp_213530;previous_systematic_id=Smp_160220
SM_V9_4 Liftoff mRNA    32303544        32321498        .       -
        .
ID=Smp_213530.1;Parent=Smp_213530;geneID=Smp_213530;product=Putative
uncharacterized protein DDB_G0271238
SM_V9_4 Liftoff exon    32303544        32304582        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff exon    32305471        32305739        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff exon    32309264        32309605        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff exon    32311701        32312216        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff exon    32313844        32314097        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff exon    32318131        32318239        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff exon    32319693        32319989        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff exon    32321350        32321498        .       -
        .       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32304459        32304582        .       -
        1       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32305471        32305739        .       -
        0       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32309264        32309605        .       -
        0       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32311701        32312216        .       -
        0       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32313844        32314097        .       -
        2       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32318131        32318239        .       -
        0       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32319693        32319989        .       -
        0       Parent=Smp_213530.1
SM_V9_4 Liftoff CDS     32321350        32321355        .       -
        0       Parent=Smp_213530.1
SM_V9_4 iris    gene    32322990        32354328        .       -
        .
ID=Smp_213520;geneID=Smp_213520;gene_name=Smp_213520;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32322990        32354328        .       -
        .
ID=Smp_213520.1;Parent=Smp_213520;geneID=Smp_213520;gene_name=Smp_21
3520;owner=irisadmin@local.host;orig_id=Smp_213520.1;date_last_modif
ied=2022-07-23;Name=Smp_213520.1;product=Hypothetical
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    32322990        32323615        .       -
        .       Parent=Smp_213520.1;Name=266d8586-4186-4f08-be12-
b57870659cb0
SM_V9_4 iris    exon    32325277        32325363        .       -
        .       Parent=Smp_213520.1;Name=d9bc0341-17f9-48b1-8fda-
ac34f5672b29
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SM_V9_4 iris    exon    32328313        32328539        .       -
        .       Parent=Smp_213520.1;Name=014580ce-5696-4ca4-
b09f-056d1bf2a465
SM_V9_4 iris    exon    32330707        32330753        .       -
        .       Parent=Smp_213520.1;Name=2b40a18c-1d4e-449c-
a528-0b85a718c400
SM_V9_4 iris    exon    32333138        32333381        .       -
        .       Parent=Smp_213520.1;Name=ab41255d-0f1e-4787-b203-
dc6127d16e2b
SM_V9_4 iris    exon    32334904        32335074        .       -
        .       Parent=Smp_213520.1;Name=dbb44f68-13a7-4de6-
b27a-7882e5538da2
SM_V9_4 iris    exon    32336285        32336354        .       -
        .       Parent=Smp_213520.1;Name=bc9c95ab-2c03-4bc3-
b491-2edbf2fe169e
SM_V9_4 iris    exon    32339286        32339540        .       -
        .       Parent=Smp_213520.1;Name=6c7c96e3-9637-4a44-
b486-5debb0c4301b
SM_V9_4 iris    exon    32341131        32341292        .       -
        .       Parent=Smp_213520.1;Name=769f553d-56e3-4fb4-
a8f8-533d59466abb
SM_V9_4 iris    exon    32347611        32347845        .       -
        .       Parent=Smp_213520.1;Name=e79ce8db-b61a-4b3d-a56c-
ef11f3e46831
SM_V9_4 iris    exon    32348066        32348253        .       -
        .       Parent=Smp_213520.1;Name=9ff37656-57e7-4ea0-
b983-0328132b7f22
SM_V9_4 iris    exon    32353187        32353443        .       -
        .
Parent=Smp_213520.1;Name=05c7892f-70a6-4eed-98e1-97eb42535735
SM_V9_4 iris    exon    32353522        32353654        .       -
        .
Parent=Smp_213520.1;Name=2fe10975-0cb7-4d91-917d-68fffc7ab92c
SM_V9_4 iris    exon    32353687        32353709        .       -
        .       Parent=Smp_213520.1;Name=c5bd46eb-13ed-4c6b-9956-
d5a879012582
SM_V9_4 iris    exon    32353744        32353900        .       -
        .       Parent=Smp_213520.1;Name=4969870f-c1c4-48b3-
bc20-65b92805c6ec
SM_V9_4 iris    exon    32353940        32353992        .       -
        .       Parent=Smp_213520.1;Name=5898f4e7-
a193-441c-9e5d-857e06f919ce
SM_V9_4 iris    exon    32354027        32354171        .       -
        .       Parent=Smp_213520.1;Name=34f90365-e8b9-4c9e-
b6a5-82a8a1928d54
SM_V9_4 iris    exon    32354210        32354328        .       -
        .
Parent=Smp_213520.1;Name=c8193d6b-8774-455d-9316-40025189982f
SM_V9_4 iris    CDS     32323553        32323615        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32325277        32325363        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32328313        32328539        .       -
        2       Parent=Smp_213520.1
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SM_V9_4 iris    CDS     32330707        32330753        .       -
        1       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32333138        32333381        .       -
        2       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32334904        32335074        .       -
        2       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32336285        32336354        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32339286        32339540        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32341131        32341292        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32347611        32347845        .       -
        1       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32348066        32348253        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32353187        32353443        .       -
        2       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32353522        32353654        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32353687        32353709        .       -
        2       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32353744        32353900        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32353940        32353992        .       -
        2       Parent=Smp_213520.1
SM_V9_4 iris    CDS     32354027        32354105        .       -
        0       Parent=Smp_213520.1
SM_V9_4 iris    gene    32370272        32390200        .       +
        .
ID=Smp_070170;geneID=Smp_070170;gene_name=Smp_070170;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    32370272        32390200        .       +
        .
ID=Smp_070170.1;Parent=Smp_070170;geneID=Smp_070170;gene_name=Smp_07
0170;owner=irisadmin@local.host;orig_id=Smp_070170.1;date_last_modif
ied=2022-08-19;Name=Smp_070170.1;product=Histone-lysine N-
methyltransferase 2C;date_creation=2022-08-19
SM_V9_4 iris    exon    32370272        32370357        .       +
        .
Parent=Smp_070170.1;Name=50eb76f3-3147-41ad-8339-77babd1a63cf
SM_V9_4 iris    exon    32385372        32390200        .       +
        .
Parent=Smp_070170.1;Name=c2f529bc-8f2f-4b3d-80bb-5de7982b1c09
SM_V9_4 iris    CDS     32385443        32389735        .       +
        0       Parent=Smp_070170.1
SM_V9_4 iris    gene    32391704        32395666        .       +
        .
ID=Smp_070200;geneID=Smp_070200;gene_name=Smp_070200;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    32391704        32395666        .       +
        .
ID=Smp_070200.1;Parent=Smp_070200;geneID=Smp_070200;gene_name=Smp_07
0200;owner=irisadmin@local.host;orig_id=Smp_070200.1;date_last_modif
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ied=2022-08-19;Name=Smp_070200.1;product=RNA-binding protein with
serine-rich domain 1;date_creation=2022-08-19
SM_V9_4 iris    exon    32391704        32392037        .       +
        .
Parent=Smp_070200.1;Name=9a01fcc2-8aac-4f99-870f-2a3a4e3e776c
SM_V9_4 iris    exon    32393080        32393528        .       +
        .       Parent=Smp_070200.1;Name=76480686-4e17-471e-
b12d-6e348d269a0e
SM_V9_4 iris    exon    32393953        32394206        .       +
        .       Parent=Smp_070200.1;Name=acc80737-99f1-41e5-8bd5-
bbf123b27ee0
SM_V9_4 iris    exon    32394608        32394945        .       +
        .       Parent=Smp_070200.1;Name=633c96fd-3166-4e75-
a76a-2bdf07397527
SM_V9_4 iris    exon    32395241        32395666        .       +
        .       Parent=Smp_070200.1;Name=53cc699e-8283-407c-8368-
a069f673b74a
SM_V9_4 iris    CDS     32391740        32392037        .       +
        0       Parent=Smp_070200.1
SM_V9_4 iris    CDS     32393080        32393528        .       +
        2       Parent=Smp_070200.1
SM_V9_4 iris    CDS     32393953        32394206        .       +
        0       Parent=Smp_070200.1
SM_V9_4 iris    CDS     32394608        32394945        .       +
        1       Parent=Smp_070200.1
SM_V9_4 iris    CDS     32395241        32395485        .       +
        2       Parent=Smp_070200.1
SM_V9_4 Liftoff gene    32397905        32421378        .       -
        .       ID=Smp_070190;geneID=Smp_070190
SM_V9_4 Liftoff mRNA    32397905        32421378        .       -
        .
ID=Smp_070190.1;Parent=Smp_070190;geneID=Smp_070190;product=histone
acetyltransferase GCN5;evidence=Traceable Author
Statement;literature=PMID:14668020;polypeptide_domain=InterPro:IPR00
0182,IPR001487,IPR009464,IPR016181,IPR018359
Pfam:PF00439,PF00583,PF06466;Ontology_term=GO:0004402,GO:0005515,GO:
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SM_V9_4 Liftoff exon    32400224        32400390        .       -
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SM_V9_4 Liftoff exon    32401707        32402104        .       -
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SM_V9_4 Liftoff exon    32403705        32403959        .       -
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SM_V9_4 Liftoff exon    32406492        32406633        .       -
        .       Parent=Smp_070190.1
SM_V9_4 Liftoff exon    32407373        32407575        .       -
        .       Parent=Smp_070190.1
SM_V9_4 Liftoff exon    32408326        32408555        .       -
        .       Parent=Smp_070190.1
SM_V9_4 Liftoff exon    32413927        32414297        .       -
        .       Parent=Smp_070190.1
SM_V9_4 Liftoff exon    32414386        32414580        .       -
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SM_V9_4 Liftoff exon    32414846        32414926        .       -
        .       Parent=Smp_070190.1
SM_V9_4 Liftoff exon    32414964        32415197        .       -
        .       Parent=Smp_070190.1
SM_V9_4 Liftoff exon    32415239        32421378        .       -
        .       Parent=Smp_070190.1
SM_V9_4 Liftoff CDS     32398133        32398323        .       -
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SM_V9_4 Liftoff CDS     32400224        32400390        .       -
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SM_V9_4 Liftoff CDS     32401707        32402104        .       -
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SM_V9_4 Liftoff CDS     32403705        32403959        .       -
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SM_V9_4 Liftoff CDS     32406492        32406633        .       -
        1       Parent=Smp_070190.1
SM_V9_4 Liftoff CDS     32407373        32407575        .       -
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SM_V9_4 Liftoff CDS     32408326        32408555        .       -
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SM_V9_4 Liftoff CDS     32414846        32414926        .       -
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SM_V9_4 Liftoff CDS     32414964        32415197        .       -
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SM_V9_4 Liftoff CDS     32415239        32415298        .       -
        0       Parent=Smp_070190.1
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        .
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32443853        32552850        .       +
        .
ID=Smp_345160.1;Parent=Smp_345160;geneID=Smp_345160;gene_name=Smp_34
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ied=2022-07-23;Name=Smp_345160.1;product=Furin-like protease 1,
isoform 1-CRR;date_creation=2022-07-23
SM_V9_4 iris    exon    32443853        32444267        .       +
        .       Parent=Smp_345160.1;Name=07ea8990-9f51-417a-a87e-
ec1d308f7b8a
SM_V9_4 iris    exon    32447713        32447811        .       +
        .       Parent=Smp_345160.1;Name=35ad2326-1585-4d69-
b902-065f153c5cd2
SM_V9_4 iris    exon    32472369        32472464        .       +
        .       Parent=Smp_345160.1;Name=391d442d-67b6-491d-b5e5-
bf5fe6d36af0
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SM_V9_4 iris    exon    32486730        32486864        .       +
        .       Parent=Smp_345160.1;Name=9fd8c813-eb40-4e2d-
b9e4-436d673ff605
SM_V9_4 iris    exon    32497498        32497580        .       +
        .       Parent=Smp_345160.1;Name=22a373c8-7f82-4485-
a79f-9b96b3bab550
SM_V9_4 iris    exon    32514410        32514674        .       +
        .       Parent=Smp_345160.1;Name=ca797dd9-0367-4931-9e6d-
d7604f175ce2
SM_V9_4 iris    exon    32515883        32516095        .       +
        .       Parent=Smp_345160.1;Name=d75a6d96-7e28-4f0e-b239-
a2694f0aebba
SM_V9_4 iris    exon    32524981        32525201        .       +
        .       Parent=Smp_345160.1;Name=4bd2b07a-b117-4ba6-9447-
c2befeb4c888
SM_V9_4 iris    exon    32535189        32535417        .       +
        .       Parent=Smp_345160.1;Name=0cad4382-c612-48ee-
b8e7-9397f29804ee
SM_V9_4 iris    exon    32549162        32549363        .       +
        .       Parent=Smp_345160.1;Name=18fcfa6c-871c-476a-
b964-1d792153de8c
SM_V9_4 iris    exon    32549906        32552850        .       +
        .       Parent=Smp_345160.1;Name=86440c98-ed82-4248-
b106-12d8752f6af2
SM_V9_4 iris    CDS     32443980        32444267        .       +
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SM_V9_4 iris    CDS     32447713        32447811        .       +
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SM_V9_4 iris    CDS     32472369        32472464        .       +
        0       Parent=Smp_345160.1
SM_V9_4 iris    CDS     32486730        32486864        .       +
        0       Parent=Smp_345160.1
SM_V9_4 iris    CDS     32497498        32497580        .       +
        0       Parent=Smp_345160.1
SM_V9_4 iris    CDS     32514410        32514674        .       +
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SM_V9_4 iris    CDS     32515883        32516095        .       +
        0       Parent=Smp_345160.1
SM_V9_4 iris    CDS     32524981        32525201        .       +
        0       Parent=Smp_345160.1
SM_V9_4 iris    CDS     32535189        32535417        .       +
        1       Parent=Smp_345160.1
SM_V9_4 iris    CDS     32549162        32549363        .       +
        0       Parent=Smp_345160.1
SM_V9_4 iris    CDS     32549906        32550855        .       +
        2       Parent=Smp_345160.1
SM_V9_4 Liftoff gene    32581272        32599410        .       +
        .
ID=Smp_336150;geneID=Smp_336150;previous_systematic_id=Smp_183790
SM_V9_4 Liftoff mRNA    32581272        32599410        .       +
        .
ID=Smp_336150.1;Parent=Smp_336150;geneID=Smp_336150;product=Putative
pre-16S rRNA nuclease
SM_V9_4 Liftoff exon    32581272        32581449        .       +
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SM_V9_4 Liftoff exon    32592840        32599410        .       +
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SM_V9_4 Liftoff CDS     32581304        32581449        .       +
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        1       Parent=Smp_336150.1
SM_V9_4 Liftoff gene    32604908        32681096        .       -
        .       ID=Smp_155810;geneID=Smp_155810
SM_V9_4 Liftoff mRNA    32604908        32681096        .       -
        .
ID=Smp_155810.1;Parent=Smp_155810;geneID=Smp_155810;product=Protocad
herin-11 X-
linked;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_4 Liftoff exon    32604908        32606226        .       -
        .       Parent=Smp_155810.1
SM_V9_4 Liftoff exon    32608643        32608736        .       -
        .       Parent=Smp_155810.1
SM_V9_4 Liftoff exon    32617988        32618415        .       -
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SM_V9_4 Liftoff exon    32635228        32636419        .       -
        .       Parent=Smp_155810.1
SM_V9_4 Liftoff exon    32637825        32638448        .       -
        .       Parent=Smp_155810.1
SM_V9_4 Liftoff exon    32639517        32640812        .       -
        .       Parent=Smp_155810.1
SM_V9_4 Liftoff exon    32659677        32681096        .       -
        .       Parent=Smp_155810.1
SM_V9_4 Liftoff CDS     32605145        32606226        .       -
        2       Parent=Smp_155810.1
SM_V9_4 Liftoff CDS     32608643        32608736        .       -
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SM_V9_4 Liftoff CDS     32617988        32618415        .       -
        2       Parent=Smp_155810.1
SM_V9_4 Liftoff CDS     32635228        32636419        .       -
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SM_V9_4 Liftoff CDS     32637825        32638448        .       -
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SM_V9_4 Liftoff CDS     32639517        32640812        .       -
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SM_V9_4 Liftoff CDS     32659677        32659985        .       -
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SM_V9_4 Liftoff gene    32705047        32709208        .       +
        .       ID=Smp_155790;geneID=Smp_155790
SM_V9_4 Liftoff mRNA    32705047        32709208        .       +
        .
ID=Smp_155790.1;Parent=Smp_155790;geneID=Smp_155790;product=Retinoic
acid receptor RXR-alpha
SM_V9_4 Liftoff exon    32705047        32705134        .       +
        .       Parent=Smp_155790.1
SM_V9_4 Liftoff exon    32708250        32709208        .       +
        .       Parent=Smp_155790.1
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SM_V9_4 Liftoff CDS     32705104        32705134        .       +
        0       Parent=Smp_155790.1
SM_V9_4 Liftoff CDS     32708250        32708914        .       +
        2       Parent=Smp_155790.1
SM_V9_4 iris    gene    32711800        32767181        .       -
        .
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SM_V9_4 iris    mRNA    32711800        32767181        .       -
        .
ID=Smp_155780.1;Parent=Smp_155780;geneID=Smp_155780;gene_name=Smp_15
5780;owner=irisadmin@local.host;orig_id=Smp_155780.1;date_last_modif
ied=2022-07-23;Name=Smp_155780.1;product=Breast carcinoma-amplified
sequence 3;date_creation=2022-07-23
SM_V9_4 iris    exon    32711800        32712624        .       -
        .       Parent=Smp_155780.1;Name=52309b46-c4e6-4b4a-b87d-
c953b17f1611
SM_V9_4 iris    exon    32714631        32715585        .       -
        .       Parent=Smp_155780.1;Name=5379f3bf-57c7-4807-9204-
c5f76a901f2d
SM_V9_4 iris    exon    32718576        32718670        .       -
        .       Parent=Smp_155780.1;Name=2a89593a-fb0e-42ce-
b956-655118a29d17
SM_V9_4 iris    exon    32720565        32721120        .       -
        .       Parent=Smp_155780.1;Name=35de1198-05bc-4a64-b3b2-
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SM_V9_4 iris    exon    32727461        32727813        .       -
        .       Parent=Smp_155780.1;Name=124d8006-
a761-4230-8599-955fbdda4602
SM_V9_4 iris    exon    32729252        32729423        .       -
        .       Parent=Smp_155780.1;Name=cc7a8f1f-5f3b-453a-8fa8-
f394c45f7934
SM_V9_4 iris    exon    32731021        32731139        .       -
        .       Parent=Smp_155780.1;Name=ad8233f1-5ead-4c5c-bc4f-
b0bd55329e74
SM_V9_4 iris    exon    32734623        32735267        .       -
        .       Parent=Smp_155780.1;Name=7aa8c623-c6ab-4308-
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SM_V9_4 iris    exon    32739404        32739863        .       -
        .       Parent=Smp_155780.1;Name=4dc3483c-ff68-4aa9-
a9fb-3a15c28823ea
SM_V9_4 iris    exon    32758632        32758811        .       -
        .
Parent=Smp_155780.1;Name=e29bd9af-135c-4a5a-9cb1-1b979961797c
SM_V9_4 iris    exon    32761001        32761453        .       -
        .       Parent=Smp_155780.1;Name=8faf17c7-ca16-4f7f-8d01-
ed76f8b00f59
SM_V9_4 iris    exon    32763024        32763110        .       -
        .       Parent=Smp_155780.1;Name=7f526e52-a648-4aff-badd-
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SM_V9_4 iris    exon    32766184        32766272        .       -
        .
Parent=Smp_155780.1;Name=1d863e65-9054-4b17-889c-5f927d5e94f8
SM_V9_4 iris    exon    32766305        32766381        .       -
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SM_V9_4 iris    exon    32766560        32766617        .       -
        .       Parent=Smp_155780.1;Name=35f0df5f-fca7-4d77-
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SM_V9_4 iris    exon    32766656        32766734        .       -
        .       Parent=Smp_155780.1;Name=77414098-5d67-4a62-
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SM_V9_4 iris    exon    32766765        32766835        .       -
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SM_V9_4 iris    exon    32766872        32766996        .       -
        .       Parent=Smp_155780.1;Name=12ea72f7-9751-42f2-
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SM_V9_4 iris    exon    32767032        32767181        .       -
        .       Parent=Smp_155780.1;Name=e917fbff-
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SM_V9_4 iris    CDS     32714767        32715585        .       -
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SM_V9_4 iris    CDS     32720565        32721120        .       -
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SM_V9_4 iris    CDS     32727461        32727813        .       -
        2       Parent=Smp_155780.1
SM_V9_4 iris    CDS     32729252        32729423        .       -
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SM_V9_4 iris    CDS     32731021        32731139        .       -
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SM_V9_4 iris    CDS     32734623        32735267        .       -
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SM_V9_4 iris    CDS     32739404        32739863        .       -
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SM_V9_4 iris    CDS     32758632        32758811        .       -
        0       Parent=Smp_155780.1
SM_V9_4 iris    CDS     32761001        32761453        .       -
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SM_V9_4 iris    CDS     32763024        32763110        .       -
        0       Parent=Smp_155780.1
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SM_V9_4 iris    CDS     32766305        32766381        .       -
        1       Parent=Smp_155780.1
SM_V9_4 iris    CDS     32766416        32766523        .       -
        1       Parent=Smp_155780.1
SM_V9_4 iris    CDS     32766560        32766617        .       -
        2       Parent=Smp_155780.1
SM_V9_4 iris    CDS     32766656        32766734        .       -
        0       Parent=Smp_155780.1
SM_V9_4 iris    CDS     32766765        32766835        .       -
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        0       Parent=Smp_155780.1
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        .       ID=Smp_207030;geneID=Smp_207030
SM_V9_4 Liftoff mRNA    32768225        32791689        .       +
        .
ID=Smp_207030.1;Parent=Smp_207030;geneID=Smp_207030;product=TBC1
domain family member 25;polypeptide_domain=InterPro:IPR000195
Pfam:PF00566
SM_V9_4 Liftoff exon    32768225        32774931        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff exon    32774969        32775078        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff exon    32776810        32776958        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff exon    32777861        32778037        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff exon    32781700        32781814        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff exon    32783314        32783555        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff exon    32789264        32789368        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff exon    32790213        32791689        .       +
        .       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32774875        32774931        .       +
        0       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32774969        32775078        .       +
        0       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32776810        32776958        .       +
        1       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32777861        32778037        .       +
        2       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32781700        32781814        .       +
        2       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32783314        32783555        .       +
        1       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32789264        32789368        .       +
        2       Parent=Smp_207030.1
SM_V9_4 Liftoff CDS     32790213        32791279        .       +
        2       Parent=Smp_207030.1
SM_V9_4 iris    gene    32797577        32807811        .       -
        .
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SM_V9_4 iris    mRNA    32797577        32807811        .       -
        .
ID=Smp_155770.1;Parent=Smp_155770;geneID=Smp_155770;gene_name=Smp_15
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ied=2022-07-23;Name=Smp_155770.1;product=KICSTOR complex protein
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SM_V9_4 iris    exon    32797577        32798087        .       -
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SM_V9_4 iris    exon    32799997        32800169        .       -
        .       Parent=Smp_155770.1;Name=9fb7775b-ab1f-47bc-
bae3-2de0d2b68cbd
SM_V9_4 iris    exon    32802614        32802749        .       -
        .       Parent=Smp_155770.1;Name=cdc79ad1-4d48-4391-
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SM_V9_4 iris    exon    32802800        32802943        .       -
        .       Parent=Smp_155770.1;Name=05f6bbab-7ab9-4c18-8d6c-
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SM_V9_4 iris    exon    32805341        32805477        .       -
        .       Parent=Smp_155770.1;Name=3393fb1b-0851-467c-89a5-
f4588b2878c0
SM_V9_4 iris    exon    32805511        32805654        .       -
        .       Parent=Smp_155770.1;Name=6525f738-630a-4945-
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SM_V9_4 iris    exon    32805687        32807655        .       -
        .       Parent=Smp_155770.1;Name=d799a7f0-d40c-4b1b-b16d-
f7db33e0e68b
SM_V9_4 iris    exon    32807693        32807811        .       -
        .       Parent=Smp_155770.1;Name=7b61ded0-ec97-4ab6-b395-
aef369858870
SM_V9_4 iris    CDS     32797728        32798087        .       -
        0       Parent=Smp_155770.1
SM_V9_4 iris    CDS     32799403        32799568        .       -
        1       Parent=Smp_155770.1
SM_V9_4 iris    CDS     32799997        32800169        .       -
        0       Parent=Smp_155770.1
SM_V9_4 iris    CDS     32802614        32802749        .       -
        1       Parent=Smp_155770.1
SM_V9_4 iris    CDS     32802800        32802943        .       -
        1       Parent=Smp_155770.1
SM_V9_4 iris    CDS     32805341        32805477        .       -
        0       Parent=Smp_155770.1
SM_V9_4 iris    CDS     32805511        32805654        .       -
        0       Parent=Smp_155770.1
SM_V9_4 iris    CDS     32805687        32805788        .       -
        0       Parent=Smp_155770.1
SM_V9_4 Liftoff gene    32826700        32827341        .       +
        .       ID=Smp_155760;geneID=Smp_155760
SM_V9_4 Liftoff mRNA    32826700        32827341        .       +
        .
ID=Smp_155760.1;Parent=Smp_155760;geneID=Smp_155760;product=Heme
transporter hrg1-A
SM_V9_4 Liftoff exon    32826700        32826900        .       +
        .       Parent=Smp_155760.1
SM_V9_4 Liftoff exon    32826927        32827091        .       +
        .       Parent=Smp_155760.1
SM_V9_4 Liftoff exon    32827123        32827341        .       +
        .       Parent=Smp_155760.1
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SM_V9_4 Liftoff CDS     32826750        32826900        .       +
        0       Parent=Smp_155760.1
SM_V9_4 Liftoff CDS     32826927        32827091        .       +
        2       Parent=Smp_155760.1
SM_V9_4 Liftoff CDS     32827123        32827253        .       +
        2       Parent=Smp_155760.1
SM_V9_4 iris    gene    32833874        32864501        .       -
        .
ID=Smp_155750;geneID=Smp_155750;gene_name=Smp_155750;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32833874        32864501        .       -
        .
ID=Smp_155750.1;Parent=Smp_155750;geneID=Smp_155750;gene_name=Smp_15
5750;owner=irisadmin@local.host;orig_id=Smp_155750.1;date_last_modif
ied=2022-07-23;Name=Smp_155750.1;product=Non-lysosomal
glucosylceramidase;date_creation=2022-07-23
SM_V9_4 iris    exon    32833874        32834903        .       -
        .
Parent=Smp_155750.1;Name=74e0d7bf-1ff8-4734-8f0f-6663921b1917
SM_V9_4 iris    exon    32836180        32836371        .       -
        .
Parent=Smp_155750.1;Name=38e235ad-4cb9-4c85-85c6-89a5dbce3190
SM_V9_4 iris    exon    32837819        32837928        .       -
        .       Parent=Smp_155750.1;Name=bf765c5b-
c608-4a7e-8f97-0b439e430009
SM_V9_4 iris    exon    32841125        32841327        .       -
        .
Parent=Smp_155750.1;Name=2f5d8117-95b5-4da3-95f1-3645a21eb3ce
SM_V9_4 iris    exon    32843325        32843434        .       -
        .       Parent=Smp_155750.1;Name=a16fb968-d84e-414c-8e91-
f2d0e0eaa909
SM_V9_4 iris    exon    32847828        32848192        .       -
        .
Parent=Smp_155750.1;Name=28d3176c-50df-4914-81d3-2645a94488dd
SM_V9_4 iris    exon    32849192        32849484        .       -
        .       Parent=Smp_155750.1;Name=aa7c6586-a8ec-44ae-88b6-
a78989eab5a8
SM_V9_4 iris    exon    32850340        32850468        .       -
        .       Parent=Smp_155750.1;Name=eb2d6e95-e5f9-4648-
bdec-943c8a2f5933
SM_V9_4 iris    exon    32854379        32854571        .       -
        .       Parent=Smp_155750.1;Name=0218c2fe-0521-4e2f-8f2b-
af851ba94295
SM_V9_4 iris    exon    32855572        32855773        .       -
        .       Parent=Smp_155750.1;Name=d6e24f31-6b60-485b-
a946-6b834e41ca8c
SM_V9_4 iris    exon    32858132        32858491        .       -
        .       Parent=Smp_155750.1;Name=fadb472a-74de-486f-
b41f-50cc5a814f8d
SM_V9_4 iris    exon    32859725        32859928        .       -
        .       Parent=Smp_155750.1;Name=83a31292-ead9-4aab-
be6f-0f5dc4bfe9ba
SM_V9_4 iris    exon    32861088        32861298        .       -
        .       Parent=Smp_155750.1;Name=1c0fe7b7-5aca-4784-
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a150-4b73e967cd76
SM_V9_4 iris    exon    32863368        32863669        .       -
        .       Parent=Smp_155750.1;Name=2216c59d-9609-4c92-
b4fc-121a862f2aa3
SM_V9_4 iris    exon    32864475        32864501        .       -
        .
Parent=Smp_155750.1;Name=10dcad25-80fa-45ea-9dfa-9d417465c243
SM_V9_4 iris    CDS     32834673        32834903        .       -
        0       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32836180        32836371        .       -
        0       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32837819        32837928        .       -
        2       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32841125        32841327        .       -
        1       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32843325        32843434        .       -
        0       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32847828        32848192        .       -
        2       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32849192        32849484        .       -
        1       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32850340        32850468        .       -
        1       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32854379        32854571        .       -
        2       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32855572        32855773        .       -
        0       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32858132        32858491        .       -
        0       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32859725        32859928        .       -
        0       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32861088        32861298        .       -
        1       Parent=Smp_155750.1
SM_V9_4 iris    CDS     32863368        32863531        .       -
        0       Parent=Smp_155750.1
SM_V9_4 iris    gene    32872315        32913691        .       +
        .
ID=Smp_155740;geneID=Smp_155740;gene_name=Smp_155740;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    32872315        32913691        .       +
        .
ID=Smp_155740.1;Parent=Smp_155740;geneID=Smp_155740;gene_name=Smp_15
5740;owner=irisadmin@local.host;orig_id=Smp_155740.1;date_last_modif
ied=2022-07-23;Name=Smp_155740.1;product=Heat shock protein 75 kDa,
mitochondrial;date_creation=2022-07-23
SM_V9_4 iris    exon    32872315        32872352        .       +
        .       Parent=Smp_155740.1;Name=b7bc09d0-26ee-4188-8d69-
d5120a93f03f
SM_V9_4 iris    exon    32873898        32874204        .       +
        .       Parent=Smp_155740.1;Name=439100c4-
ab01-401a-9214-32eff82f8952
SM_V9_4 iris    exon    32880934        32881263        .       +
        .
Parent=Smp_155740.1;Name=db8a1959-4fb0-4fb7-859d-273197f39d69
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SM_V9_4 iris    exon    32883252        32883536        .       +
        .       Parent=Smp_155740.1;Name=c312927b-5896-4691-
aa21-88e6b19d2f2d
SM_V9_4 iris    exon    32884860        32885054        .       +
        .       Parent=Smp_155740.1;Name=066df4df-5743-4db6-a934-
cd0789d40145
SM_V9_4 iris    exon    32885307        32885480        .       +
        .       Parent=Smp_155740.1;Name=2b51a5ef-e0d4-4ae6-9942-
f1aae7f4604a
SM_V9_4 iris    exon    32889236        32889529        .       +
        .       Parent=Smp_155740.1;Name=f3e023c2-2d85-47b4-a668-
c7520e3a89b7
SM_V9_4 iris    exon    32891775        32891993        .       +
        .       Parent=Smp_155740.1;Name=3a815a7f-8122-4620-b09c-
c1cad1dffb3f
SM_V9_4 iris    exon    32913237        32913691        .       +
        .       Parent=Smp_155740.1;Name=5bebc81d-b31a-4b91-
a567-6e05f30f44a9
SM_V9_4 iris    CDS     32873935        32874204        .       +
        0       Parent=Smp_155740.1
SM_V9_4 iris    CDS     32880934        32881263        .       +
        0       Parent=Smp_155740.1
SM_V9_4 iris    CDS     32883252        32883536        .       +
        0       Parent=Smp_155740.1
SM_V9_4 iris    CDS     32884860        32885054        .       +
        0       Parent=Smp_155740.1
SM_V9_4 iris    CDS     32885307        32885480        .       +
        0       Parent=Smp_155740.1
SM_V9_4 iris    CDS     32889236        32889529        .       +
        0       Parent=Smp_155740.1
SM_V9_4 iris    CDS     32891775        32891993        .       +
        0       Parent=Smp_155740.1
SM_V9_4 iris    CDS     32913237        32913584        .       +
        0       Parent=Smp_155740.1
SM_V9_4 Liftoff gene    32916565        32921722        .       +
        .
ID=Smp_344750;geneID=Smp_344750;previous_systematic_id=Smp_155730
SM_V9_4 Liftoff mRNA    32916565        32921722        .       +
        .
ID=Smp_344750.1;Parent=Smp_344750;geneID=Smp_344750;product=C-X-C
chemokine receptor type 4
SM_V9_4 Liftoff exon    32916565        32919256        .       +
        .       Parent=Smp_344750.1
SM_V9_4 Liftoff exon    32921319        32921722        .       +
        .       Parent=Smp_344750.1
SM_V9_4 Liftoff CDS     32918593        32919256        .       +
        0       Parent=Smp_344750.1
SM_V9_4 Liftoff CDS     32921319        32921650        .       +
        2       Parent=Smp_344750.1
SM_V9_4 Liftoff gene    32945570        32955226        .       +
        .       ID=Smp_329600;geneID=Smp_329600
SM_V9_4 Liftoff mRNA    32945570        32955226        .       +
        .
ID=Smp_329600.1;Parent=Smp_329600;geneID=Smp_329600;product=Probable
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Ufm1-specific protease 2;polypeptide_domain=InterPro:IPR012462
Pfam:PF07910
SM_V9_4 Liftoff exon    32945570        32946466        .       +
        .       Parent=Smp_329600.1
SM_V9_4 Liftoff exon    32946515        32946695        .       +
        .       Parent=Smp_329600.1
SM_V9_4 Liftoff exon    32946726        32946828        .       +
        .       Parent=Smp_329600.1
SM_V9_4 Liftoff exon    32946858        32946937        .       +
        .       Parent=Smp_329600.1
SM_V9_4 Liftoff exon    32955070        32955226        .       +
        .       Parent=Smp_329600.1
SM_V9_4 Liftoff CDS     32946441        32946466        .       +
        0       Parent=Smp_329600.1
SM_V9_4 Liftoff CDS     32946515        32946695        .       +
        1       Parent=Smp_329600.1
SM_V9_4 Liftoff CDS     32946726        32946828        .       +
        0       Parent=Smp_329600.1
SM_V9_4 Liftoff CDS     32946858        32946937        .       +
        2       Parent=Smp_329600.1
SM_V9_4 Liftoff CDS     32955070        32955198        .       +
        0       Parent=Smp_329600.1
SM_V9_4 Liftoff gene    32955156        32960061        .       -
        .       ID=Smp_113630;geneID=Smp_113630
SM_V9_4 Liftoff mRNA    32955156        32960061        .       -
        .
ID=Smp_113630.1;Parent=Smp_113630;geneID=Smp_113630;product=Protein
lin-37 homolog;polypeptide_domain=InterPro:IPR028226
Pfam:PF15306;Ontology_term=GO:0007049,GO:0017053
SM_V9_4 Liftoff exon    32955156        32955325        .       -
        .       Parent=Smp_113630.1
SM_V9_4 Liftoff exon    32956168        32956241        .       -
        .       Parent=Smp_113630.1
SM_V9_4 Liftoff exon    32956283        32956408        .       -
        .       Parent=Smp_113630.1
SM_V9_4 Liftoff exon    32958510        32958667        .       -
        .       Parent=Smp_113630.1
SM_V9_4 Liftoff exon    32958701        32958852        .       -
        .       Parent=Smp_113630.1
SM_V9_4 Liftoff exon    32958898        32958970        .       -
        .       Parent=Smp_113630.1
SM_V9_4 Liftoff exon    32959003        32960061        .       -
        .       Parent=Smp_113630.1
SM_V9_4 Liftoff CDS     32955229        32955325        .       -
        1       Parent=Smp_113630.1
SM_V9_4 Liftoff CDS     32956168        32956241        .       -
        0       Parent=Smp_113630.1
SM_V9_4 Liftoff CDS     32956283        32956408        .       -
        0       Parent=Smp_113630.1
SM_V9_4 Liftoff CDS     32958510        32958667        .       -
        2       Parent=Smp_113630.1
SM_V9_4 Liftoff CDS     32958701        32958852        .       -
        1       Parent=Smp_113630.1
SM_V9_4 Liftoff CDS     32958898        32958970        .       -
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        2       Parent=Smp_113630.1
SM_V9_4 Liftoff CDS     32959003        32959048        .       -
        0       Parent=Smp_113630.1
SM_V9_4 Liftoff gene    32987471        32991927        .       -
        .
ID=Smp_337670;geneID=Smp_337670;previous_systematic_id=Smp_155910
SM_V9_4 Liftoff mRNA    32987471        32991927        .       -
        .
ID=Smp_337670.1;Parent=Smp_337670;geneID=Smp_337670;product=Inosine-
5'-monophosphate dehydrogenase
SM_V9_4 Liftoff exon    32987471        32987710        .       -
        .       Parent=Smp_337670.1
SM_V9_4 Liftoff exon    32989898        32990013        .       -
        .       Parent=Smp_337670.1
SM_V9_4 Liftoff exon    32991867        32991927        .       -
        .       Parent=Smp_337670.1
SM_V9_4 Liftoff CDS     32987471        32987710        .       -
        0       Parent=Smp_337670.1
SM_V9_4 Liftoff CDS     32989898        32990013        .       -
        2       Parent=Smp_337670.1
SM_V9_4 Liftoff CDS     32991867        32991879        .       -
        0       Parent=Smp_337670.1
SM_V9_4 iris    gene    33003776        33005368        .       +
        .
ID=Smp_155900;geneID=Smp_155900;gene_name=Smp_155900;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    33003776        33005368        .       +
        .
ID=Smp_155900.1;Parent=Smp_155900;geneID=Smp_155900;gene_name=Smp_15
5900;owner=irisadmin@local.host;orig_id=Smp_155900.1;date_last_modif
ied=2022-08-19;Name=Smp_155900.1;product=Membrane-bound alkaline
phosphatase;date_creation=2022-08-19
SM_V9_4 iris    exon    33003776        33003990        .       +
        .       Parent=Smp_155900.1;Name=6e954bbb-bc78-4bd9-adae-
f2defde10c65
SM_V9_4 iris    exon    33004809        33005368        .       +
        .       Parent=Smp_155900.1;Name=86865a67-b7b9-4bf6-b217-
e6b24280784c
SM_V9_4 iris    CDS     33003818        33003990        .       +
        0       Parent=Smp_155900.1
SM_V9_4 iris    CDS     33004809        33004938        .       +
        1       Parent=Smp_155900.1
SM_V9_4 Liftoff gene    33009195        33016484        .       +
        .
ID=Smp_313560;geneID=Smp_313560;previous_systematic_id=Smp_155890,Sm
p_247840
SM_V9_4 Liftoff mRNA    33009195        33016484        .       +
        .
ID=Smp_313560.1;Parent=Smp_313560;geneID=Smp_313560;product=alkaline
phosphatase;evidence=Traceable Author
Statement;literature=PMID:21784070;polypeptide_domain=InterPro:IPR00
1952,IPR017849,IPR017850
Pfam:PF00245;Ontology_term=GO:0003824,GO:0008152,GO:0016791
SM_V9_4 Liftoff exon    33009195        33009710        .       +
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        .       Parent=Smp_313560.1
SM_V9_4 Liftoff exon    33010850        33011063        .       +
        .       Parent=Smp_313560.1
SM_V9_4 Liftoff exon    33012189        33012463        .       +
        .       Parent=Smp_313560.1
SM_V9_4 Liftoff exon    33013006        33013174        .       +
        .       Parent=Smp_313560.1
SM_V9_4 Liftoff exon    33013374        33013545        .       +
        .       Parent=Smp_313560.1
SM_V9_4 Liftoff exon    33015925        33016484        .       +
        .       Parent=Smp_313560.1
SM_V9_4 Liftoff CDS     33009314        33009710        .       +
        0       Parent=Smp_313560.1
SM_V9_4 Liftoff CDS     33010850        33011063        .       +
        2       Parent=Smp_313560.1
SM_V9_4 Liftoff CDS     33012189        33012463        .       +
        1       Parent=Smp_313560.1
SM_V9_4 Liftoff CDS     33013006        33013174        .       +
        2       Parent=Smp_313560.1
SM_V9_4 Liftoff CDS     33013374        33013545        .       +
        1       Parent=Smp_313560.1
SM_V9_4 Liftoff CDS     33015925        33016308        .       +
        0       Parent=Smp_313560.1
SM_V9_4 Liftoff gene    33043743        33051148        .       +
        .       ID=Smp_062640;geneID=Smp_062640
SM_V9_4 Liftoff mRNA    33043743        33051148        .       +
        .
ID=Smp_062640.1;Parent=Smp_062640;geneID=Smp_062640;product=Hemolysi
n C homolog
SM_V9_4 Liftoff exon    33043743        33049353        .       +
        .       Parent=Smp_062640.1
SM_V9_4 Liftoff exon    33050815        33051148        .       +
        .       Parent=Smp_062640.1
SM_V9_4 Liftoff CDS     33049261        33049353        .       +
        0       Parent=Smp_062640.1
SM_V9_4 Liftoff CDS     33050815        33051063        .       +
        0       Parent=Smp_062640.1
SM_V9_4 iris    gene    33051400        33069930        .       -
        .
ID=Smp_062630;geneID=Smp_062630;gene_name=Smp_062630;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    33051400        33069930        .       -
        .
ID=Smp_062630.1;Parent=Smp_062630;geneID=Smp_062630;gene_name=Smp_06
2630;owner=irisadmin@local.host;orig_id=Smp_062630.1;date_last_modif
ied=2022-07-23;Name=Smp_062630.1;product=Dynactin subunit
2;date_creation=2022-07-23
SM_V9_4 iris    exon    33051400        33051769        .       -
        .       Parent=Smp_062630.1;Name=ff88a464-a541-4561-
ba78-5855480a09ec
SM_V9_4 iris    exon    33051806        33051897        .       -
        .       Parent=Smp_062630.1;Name=f50ee232-47fe-41ca-a1cb-
d91d7ea76c12
SM_V9_4 iris    exon    33057787        33057889        .       -
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        .       Parent=Smp_062630.1;Name=0ace5a6e-3b50-4a02-
b1d6-8107645bdd4a
SM_V9_4 iris    exon    33058960        33059217        .       -
        .       Parent=Smp_062630.1;Name=9b6dac71-5a06-4bd9-
b09b-7f34895d88cc
SM_V9_4 iris    exon    33067734        33067863        .       -
        .       Parent=Smp_062630.1;Name=9ed60de1-
d11c-4dd5-8e30-3d5cca73d2b2
SM_V9_4 iris    exon    33069215        33069223        .       -
        .       Parent=Smp_062630.1;Name=8063ba10-9f06-4814-997e-
aeffac84db40
SM_V9_4 iris    exon    33069226        33069455        .       -
        .       Parent=Smp_062630.1;Name=8926b95b-2b1a-4abb-adb5-
fefe37c83b90
SM_V9_4 iris    exon    33069498        33069565        .       -
        .       Parent=Smp_062630.1;Name=bc4d1072-f3fb-4615-bbfe-
ee2a0229a274
SM_V9_4 iris    exon    33069608        33069716        .       -
        .       Parent=Smp_062630.1;Name=1b2a6583-
e31e-4160-8f83-06a849457ea4
SM_V9_4 iris    exon    33069751        33069813        .       -
        .       Parent=Smp_062630.1;Name=4140cfe3-f2b2-46a5-
b523-3875a792f9d2
SM_V9_4 iris    exon    33069853        33069930        .       -
        .       Parent=Smp_062630.1;Name=425deb8c-882b-4c13-a601-
dfccceb424ef
SM_V9_4 iris    CDS     33051683        33051769        .       -
        0       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33051806        33051897        .       -
        2       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33057787        33057889        .       -
        0       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33058960        33059217        .       -
        0       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33067734        33067863        .       -
        1       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33069215        33069223        .       -
        1       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33069226        33069455        .       -
        0       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33069498        33069565        .       -
        2       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33069608        33069716        .       -
        0       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33069751        33069813        .       -
        0       Parent=Smp_062630.1
SM_V9_4 iris    CDS     33069853        33069891        .       -
        0       Parent=Smp_062630.1
SM_V9_4 Liftoff gene    33071564        33071929        .       +
        .       ID=Smp_329610;geneID=Smp_329610
SM_V9_4 Liftoff mRNA    33071564        33071929        .       +
        .
ID=Smp_329610.1;Parent=Smp_329610;geneID=Smp_329610;product=30S
ribosomal protein S6
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SM_V9_4 Liftoff exon    33071564        33071929        .       +
        .       Parent=Smp_329610.1
SM_V9_4 Liftoff CDS     33071619        33071876        .       +
        0       Parent=Smp_329610.1
SM_V9_4 Liftoff gene    33085302        33089885        .       -
        .
ID=Smp_329620;geneID=Smp_329620;previous_systematic_id=Smp_062610
SM_V9_4 Liftoff mRNA    33085302        33089885        .       -
        .
ID=Smp_329620.1;Parent=Smp_329620;geneID=Smp_329620;product=Autophag
y-related protein 101;polypeptide_domain=InterPro:IPR012445
Pfam:PF07855;Ontology_term=GO:0006914
SM_V9_4 Liftoff exon    33085302        33085744        .       -
        .       Parent=Smp_329620.1
SM_V9_4 Liftoff exon    33087128        33087353        .       -
        .       Parent=Smp_329620.1
SM_V9_4 Liftoff exon    33089554        33089637        .       -
        .       Parent=Smp_329620.1
SM_V9_4 Liftoff exon    33089671        33089711        .       -
        .       Parent=Smp_329620.1
SM_V9_4 Liftoff exon    33089743        33089779        .       -
        .       Parent=Smp_329620.1
SM_V9_4 Liftoff exon    33089814        33089885        .       -
        .       Parent=Smp_329620.1
SM_V9_4 Liftoff CDS     33085488        33085744        .       -
        2       Parent=Smp_329620.1
SM_V9_4 Liftoff CDS     33087128        33087353        .       -
        0       Parent=Smp_329620.1
SM_V9_4 Liftoff CDS     33089554        33089637        .       -
        0       Parent=Smp_329620.1
SM_V9_4 Liftoff CDS     33089671        33089711        .       -
        2       Parent=Smp_329620.1
SM_V9_4 Liftoff CDS     33089743        33089779        .       -
        0       Parent=Smp_329620.1
SM_V9_4 Liftoff CDS     33089814        33089843        .       -
        0       Parent=Smp_329620.1
SM_V9_4 Liftoff gene    33109638        33126350        .       -
        .
ID=Smp_347570;geneID=Smp_347570;previous_systematic_id=Smp_155880,Sm
p_210290,Smp_243190
SM_V9_4 Liftoff mRNA    33109638        33126350        .       -
        .
ID=Smp_347570.1;Parent=Smp_347570;geneID=Smp_347570;product=beta1,4
galactosyltransferase 7;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,
IPR029044 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_4 Liftoff exon    33109638        33111106        .       -
        .       Parent=Smp_347570.1
SM_V9_4 Liftoff exon    33113210        33113314        .       -
        .       Parent=Smp_347570.1
SM_V9_4 Liftoff exon    33117198        33117597        .       -
        .       Parent=Smp_347570.1
SM_V9_4 Liftoff exon    33118417        33126350        .       -
        .       Parent=Smp_347570.1
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SM_V9_4 Liftoff CDS     33110957        33111106        .       -
        0       Parent=Smp_347570.1
SM_V9_4 Liftoff CDS     33113210        33113314        .       -
        0       Parent=Smp_347570.1
SM_V9_4 Liftoff CDS     33117198        33117597        .       -
        1       Parent=Smp_347570.1
SM_V9_4 Liftoff CDS     33118417        33118547        .       -
        0       Parent=Smp_347570.1
SM_V9_4 iris    gene    33127648        33136861        .       -
        .
ID=Smp_210280;geneID=Smp_210280;gene_name=Smp_210280;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    33127648        33136861        .       -
        .
ID=Smp_210280.1;Parent=Smp_210280;geneID=Smp_210280;gene_name=Smp_21
0280;owner=irisadmin@local.host;orig_id=Smp_210280.1;date_last_modif
ied=2022-07-23;Name=Smp_210280.1;product=Malignant T-cell-amplified
sequence 1;date_creation=2022-07-23
SM_V9_4 iris    exon    33127648        33128524        .       -
        .       Parent=Smp_210280.1;Name=908899e0-16fe-43ab-b06a-
b9bca0b372f9
SM_V9_4 iris    exon    33135349        33135523        .       -
        .       Parent=Smp_210280.1;Name=3148d4b4-5d79-41da-
ab13-2d61773e70ee
SM_V9_4 iris    exon    33136168        33136268        .       -
        .       Parent=Smp_210280.1;Name=4a03243a-ea4c-4f82-9069-
d3b11046aad9
SM_V9_4 iris    exon    33136304        33136456        .       -
        .       Parent=Smp_210280.1;Name=67243e4a-4f50-4361-
b741-62b71cca80ae
SM_V9_4 iris    exon    33136490        33136861        .       -
        .       Parent=Smp_210280.1;Name=e477f667-c598-4181-
a4be-5d90a860eda8
SM_V9_4 iris    CDS     33128443        33128524        .       -
        1       Parent=Smp_210280.1
SM_V9_4 iris    CDS     33135349        33135523        .       -
        2       Parent=Smp_210280.1
SM_V9_4 iris    CDS     33136168        33136268        .       -
        1       Parent=Smp_210280.1
SM_V9_4 iris    CDS     33136304        33136456        .       -
        1       Parent=Smp_210280.1
SM_V9_4 iris    CDS     33136490        33136500        .       -
        0       Parent=Smp_210280.1
SM_V9_4 Liftoff gene    33150520        33154057        .       +
        .
ID=Smp_247580;geneID=Smp_247580;previous_systematic_id=Smp_155870
SM_V9_4 Liftoff mRNA    33150520        33154050        .       +
        .
ID=Smp_247580.1;Parent=Smp_247580;geneID=Smp_247580;product=CST
complex subunit Ten1, animal and plant type;evidence=Inferred from
Sequence Model
SM_V9_4 Liftoff exon    33150520        33150810        .       +
        .       Parent=Smp_247580.1
SM_V9_4 Liftoff exon    33152825        33152931        .       +
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        .       Parent=Smp_247580.1
SM_V9_4 Liftoff exon    33153690        33154050        .       +
        .       Parent=Smp_247580.1
SM_V9_4 Liftoff CDS     33150799        33150810        .       +
        0       Parent=Smp_247580.1
SM_V9_4 Liftoff CDS     33152825        33152931        .       +
        0       Parent=Smp_247580.1
SM_V9_4 Liftoff CDS     33153690        33153693        .       +
        1       Parent=Smp_247580.1
SM_V9_4 Liftoff mRNA    33150533        33154057        .       +
        .
ID=Smp_247580.2;Parent=Smp_247580;geneID=Smp_247580;product=CST
complex subunit TEN1;polypeptide_domain=InterPro:IPR029146
Pfam:PF15490;Ontology_term=GO:0003697,GO:1990879
SM_V9_4 Liftoff exon    33150533        33150810        .       +
        .       Parent=Smp_247580.2
SM_V9_4 Liftoff exon    33152825        33152931        .       +
        .       Parent=Smp_247580.2
SM_V9_4 Liftoff exon    33153634        33154057        .       +
        .       Parent=Smp_247580.2
SM_V9_4 Liftoff CDS     33150799        33150810        .       +
        0       Parent=Smp_247580.2
SM_V9_4 Liftoff CDS     33152825        33152931        .       +
        0       Parent=Smp_247580.2
SM_V9_4 Liftoff CDS     33153634        33153937        .       +
        1       Parent=Smp_247580.2
SM_V9_4 Liftoff gene    33162974        33172777        .       +
        .
ID=Smp_247570;geneID=Smp_247570;previous_systematic_id=Smp_155870
SM_V9_4 Liftoff mRNA    33162974        33172777        .       +
        .
ID=Smp_247570.1;Parent=Smp_247570;geneID=Smp_247570;product=Mitochon
drial import inner membrane translocase subunit Tim17-
A;polypeptide_domain=InterPro:IPR003397 Pfam:PF02466
SM_V9_4 Liftoff exon    33162974        33163058        .       +
        .       Parent=Smp_247570.1
SM_V9_4 Liftoff exon    33167689        33168086        .       +
        .       Parent=Smp_247570.1
SM_V9_4 Liftoff exon    33171752        33172777        .       +
        .       Parent=Smp_247570.1
SM_V9_4 Liftoff CDS     33163033        33163058        .       +
        0       Parent=Smp_247570.1
SM_V9_4 Liftoff CDS     33167689        33168086        .       +
        1       Parent=Smp_247570.1
SM_V9_4 Liftoff CDS     33171752        33171939        .       +
        2       Parent=Smp_247570.1
SM_V9_4 iris    gene    33185349        33209468        .       +
        .
ID=Smp_062560;geneID=Smp_062560;gene_name=Smp_062560;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    33185349        33209468        .       +
        .
ID=Smp_062560.1;Parent=Smp_062560;geneID=Smp_062560;gene_name=Smp_06
2560;owner=irisadmin@local.host;orig_id=Smp_062560.1;date_last_modif
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ied=2022-07-23;Name=Smp_062560.1;product=Secreted frizzled-related
protein 2;date_creation=2022-07-23
SM_V9_4 iris    exon    33185349        33186422        .       +
        .
Parent=Smp_062560.1;Name=ab7c19e4-3890-46b9-96ef-173b6596179f
SM_V9_4 iris    exon    33202580        33202654        .       +
        .       Parent=Smp_062560.1;Name=a70536d8-
a60c-4515-8d03-131d18a80215
SM_V9_4 iris    exon    33203108        33203352        .       +
        .       Parent=Smp_062560.1;Name=90bd932c-67eb-4006-bdd0-
ed2d40845867
SM_V9_4 iris    exon    33208484        33209468        .       +
        .
Parent=Smp_062560.1;Name=7a898a40-6d88-4dad-9cdc-297391bdea64
SM_V9_4 iris    CDS     33185615        33186422        .       +
        0       Parent=Smp_062560.1
SM_V9_4 iris    CDS     33202580        33202654        .       +
        2       Parent=Smp_062560.1
SM_V9_4 iris    CDS     33203108        33203352        .       +
        2       Parent=Smp_062560.1
SM_V9_4 iris    CDS     33208484        33209065        .       +
        0       Parent=Smp_062560.1
SM_V9_4 iris    gene    33234094        33239814        .       +
        .
ID=Smp_062550;geneID=Smp_062550;gene_name=Smp_062550;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    33234094        33239814        .       +
        .
ID=Smp_062550.1;Parent=Smp_062550;geneID=Smp_062550;gene_name=Smp_06
2550;owner=irisadmin@local.host;orig_id=Smp_062550.1;date_last_modif
ied=2022-07-23;Name=Smp_062550.1;product=Cysteine-rich hydrophobic
domain-containing protein 2;date_creation=2022-07-23
SM_V9_4 iris    exon    33234094        33234261        .       +
        .
Parent=Smp_062550.1;Name=1fc83f19-7d0f-4112-84bc-1ad4080ab4aa
SM_V9_4 iris    exon    33237900        33238230        .       +
        .       Parent=Smp_062550.1;Name=662f4fae-32a7-4bb8-
beb0-739b27ceea72
SM_V9_4 iris    exon    33238610        33239814        .       +
        .       Parent=Smp_062550.1;Name=727b2943-0390-468f-9e83-
d22b9d900b55
SM_V9_4 iris    CDS     33234158        33234261        .       +
        0       Parent=Smp_062550.1
SM_V9_4 iris    CDS     33237900        33238230        .       +
        1       Parent=Smp_062550.1
SM_V9_4 iris    CDS     33238610        33238660        .       +
        0       Parent=Smp_062550.1
SM_V9_4 iris    gene    33251311        33259970        .       -
        .
ID=Smp_062530;geneID=Smp_062530;gene_name=Smp_062530;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    33251311        33259970        .       -
        .
ID=Smp_062530.1;Parent=Smp_062530;geneID=Smp_062530;gene_name=Smp_06
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2530;owner=irisadmin@local.host;orig_id=Smp_062530.2;date_last_modif
ied=2022-07-23;Name=Smp_062530.1;product=Histone-lysine N-
methyltransferase KMT5B-A;date_creation=2022-07-23
SM_V9_4 iris    exon    33251311        33252827        .       -
        .       Parent=Smp_062530.1;Name=1872cd3d-5fb6-4ea8-be9e-
ffa993cee292
SM_V9_4 iris    exon    33254235        33254987        .       -
        .       Parent=Smp_062530.1;Name=b14c9066-
d02b-452c-8997-096268f8c361
SM_V9_4 iris    exon    33256299        33256632        .       -
        .       Parent=Smp_062530.1;Name=3e73f8d1-ef60-483b-
bfdb-1afb0f7311d6
SM_V9_4 iris    exon    33257569        33257755        .       -
        .       Parent=Smp_062530.1;Name=7b109903-0bd0-48f0-
b921-91e67ea46912
SM_V9_4 iris    exon    33257791        33257903        .       -
        .
Parent=Smp_062530.1;Name=497921ec-7920-4822-9ad3-1143527d76c6
SM_V9_4 iris    exon    33257936        33258095        .       -
        .       Parent=Smp_062530.1;Name=c37cd008-066b-422a-bba3-
a578b400d27a
SM_V9_4 iris    exon    33258131        33258425        .       -
        .       Parent=Smp_062530.1;Name=c43b6b8f-2468-4f7f-
ad3d-65013ac73d2e
SM_V9_4 iris    exon    33259846        33259970        .       -
        .       Parent=Smp_062530.1;Name=8004d240-ae7c-485f-bbeb-
b02bdf443f8e
SM_V9_4 iris    CDS     33251554        33252827        .       -
        2       Parent=Smp_062530.1
SM_V9_4 iris    CDS     33254235        33254987        .       -
        2       Parent=Smp_062530.1
SM_V9_4 iris    CDS     33256299        33256632        .       -
        0       Parent=Smp_062530.1
SM_V9_4 iris    CDS     33257569        33257755        .       -
        1       Parent=Smp_062530.1
SM_V9_4 iris    CDS     33257791        33257903        .       -
        0       Parent=Smp_062530.1
SM_V9_4 iris    CDS     33257936        33258095        .       -
        1       Parent=Smp_062530.1
SM_V9_4 iris    CDS     33258131        33258306        .       -
        0       Parent=Smp_062530.1
SM_V9_4 Liftoff gene    33265318        33283460        .       -
        .       ID=Smp_062520;geneID=Smp_062520
SM_V9_4 Liftoff mRNA    33265318        33283460        .       -
        .
ID=Smp_062520.1;Parent=Smp_062520;geneID=Smp_062520;product=N-alpha-
acetyltransferase 16, NatA auxiliary
subunit;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR013105,IP
R019734,IPR021183 Pfam:PF07719,PF12569;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    33265318        33266142        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33267681        33267778        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33272026        33272289        .       -
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        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33273511        33273619        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33274721        33274926        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33276631        33276694        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33278397        33278546        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33281501        33281629        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33281665        33281901        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33281937        33282202        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33282237        33282473        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33282507        33282792        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33282831        33282988        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33283021        33283125        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33283173        33283257        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff exon    33283296        33283460        .       -
        .       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33265750        33266142        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33267681        33267778        .       -
        2       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33272026        33272289        .       -
        2       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33273511        33273619        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33274721        33274926        .       -
        2       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33276631        33276694        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33278397        33278546        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33281501        33281629        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33281665        33281901        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33281937        33282202        .       -
        2       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33282237        33282473        .       -
        2       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33282507        33282792        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33282831        33282988        .       -
        2       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33283021        33283125        .       -
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        2       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33283173        33283257        .       -
        0       Parent=Smp_062520.1
SM_V9_4 Liftoff CDS     33283296        33283361        .       -
        0       Parent=Smp_062520.1
SM_V9_4 iris    gene    33292484        33309246        .       +
        .
ID=Smp_062510;geneID=Smp_062510;gene_name=Smp_062510;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    33292484        33309246        .       +
        .
ID=Smp_062510.1;Parent=Smp_062510;geneID=Smp_062510;gene_name=Smp_06
2510;owner=irisadmin@local.host;orig_id=Smp_062510.1;date_last_modif
ied=2022-07-23;Name=Smp_062510.1;product=Ras-related protein Ral-
A;date_creation=2022-07-23
SM_V9_4 iris    exon    33292484        33292793        .       +
        .       Parent=Smp_062510.1;Name=ac1fbebc-b818-4bba-9d09-
c4b871f2438d
SM_V9_4 iris    exon    33292839        33292935        .       +
        .       Parent=Smp_062510.1;Name=0bfe4c1c-
a0c0-4b83-9324-06a8fefe49b4
SM_V9_4 iris    exon    33297356        33297467        .       +
        .       Parent=Smp_062510.1;Name=7a890a2a-e4a3-4f88-a038-
be259fe43287
SM_V9_4 iris    exon    33299671        33299875        .       +
        .       Parent=Smp_062510.1;Name=4d74e8dc-6292-4222-bec6-
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SM_V9_4 iris    exon    33306908        33307048        .       +
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SM_V9_4 iris    exon    33307816        33309246        .       +
        .       Parent=Smp_062510.1;Name=487c7b02-f111-4ca6-b74a-
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SM_V9_4 iris    CDS     33292839        33292935        .       +
        0       Parent=Smp_062510.1
SM_V9_4 iris    CDS     33297356        33297467        .       +
        2       Parent=Smp_062510.1
SM_V9_4 iris    CDS     33299671        33299875        .       +
        1       Parent=Smp_062510.1
SM_V9_4 iris    CDS     33306908        33307015        .       +
        0       Parent=Smp_062510.1
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r protein 4-like
SM_V9_4 Liftoff exon    33312477        33312598        .       -
        .       Parent=Smp_155860.1
SM_V9_4 Liftoff exon    33312644        33312907        .       -
        .       Parent=Smp_155860.1
SM_V9_4 Liftoff exon    33312948        33313247        .       -
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SM_V9_4 Liftoff exon    33313299        33313373        .       -
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SM_V9_4 Liftoff exon    33313410        33313493        .       -
        .       Parent=Smp_155860.1
SM_V9_4 Liftoff exon    33313542        33313790        .       -
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SM_V9_4 Liftoff CDS     33312948        33313247        .       -
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SM_V9_4 Liftoff CDS     33313299        33313373        .       -
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SM_V9_4 Liftoff CDS     33313410        33313493        .       -
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SM_V9_4 Liftoff CDS     33313542        33313697        .       -
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SM_V9_4 Liftoff gene    33344324        33348078        .       +
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SM_V9_4 Liftoff mRNA    33344324        33348078        .       +
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binding protein, putative;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_4 Liftoff exon    33344324        33345110        .       +
        .       Parent=Smp_062490.1
SM_V9_4 Liftoff exon    33345958        33346251        .       +
        .       Parent=Smp_062490.1
SM_V9_4 Liftoff exon    33347981        33348078        .       +
        .       Parent=Smp_062490.1
SM_V9_4 Liftoff CDS     33344394        33345110        .       +
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SM_V9_4 Liftoff CDS     33345958        33346251        .       +
        0       Parent=Smp_062490.1
SM_V9_4 Liftoff CDS     33347981        33348043        .       +
        0       Parent=Smp_062490.1
SM_V9_4 iris    gene    33355674        33452722        .       -
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SM_V9_4 iris    mRNA    33355674        33452722        .       -
        .
ID=Smp_155850.1;Parent=Smp_155850;geneID=Smp_155850;gene_name=Smp_15
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ied=2022-07-23;Name=Smp_155850.1;product=Cilia- and flagella-
associated protein 46;date_creation=2022-07-23
SM_V9_4 iris    exon    33355674        33355964        .       -
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SM_V9_4 iris    exon    33360114        33360250        .       -
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        .       Parent=Smp_155850.1;Name=149156ab-
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SM_V9_4 iris    exon    33382951        33383040        .       -
        .       Parent=Smp_155850.1;Name=bdc62360-23db-4d78-
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SM_V9_4 iris    exon    33384113        33384337        .       -
        .       Parent=Smp_155850.1;Name=2261ffc5-fa21-4cca-a7ea-
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SM_V9_4 iris    exon    33385668        33385847        .       -
        .       Parent=Smp_155850.1;Name=d312e623-4cab-4016-9bb3-
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SM_V9_4 iris    exon    33387228        33387374        .       -
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SM_V9_4 iris    exon    33388872        33389012        .       -
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SM_V9_4 iris    exon    33391804        33392145        .       -
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SM_V9_4 iris    exon    33395026        33395275        .       -
        .       Parent=Smp_155850.1;Name=84ff5fe2-1abb-4fa9-aa0f-
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SM_V9_4 iris    exon    33396210        33396308        .       -
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SM_V9_4 iris    exon    33397085        33397260        .       -
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SM_V9_4 iris    exon    33399015        33399242        .       -
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cbd1782b545e
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SM_V9_4 iris    exon    33405961        33406135        .       -
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aa0dac6b98cf
SM_V9_4 iris    exon    33408515        33408622        .       -
        .       Parent=Smp_155850.1;Name=3427941f-
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        .
Parent=Smp_155850.1;Name=9c686284-5b03-4c71-820d-93bb13c4f0cb
SM_V9_4 iris    exon    33412817        33412887        .       -
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SM_V9_4 iris    exon    33414102        33414217        .       -
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SM_V9_4 iris    exon    33415416        33415720        .       -
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        .       Parent=Smp_155850.1;Name=e5a0e1f7-7739-4ea2-8c90-
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SM_V9_4 iris    exon    33421109        33421333        .       -
        .       Parent=Smp_155850.1;Name=6a95d36d-b627-4eeb-
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SM_V9_4 iris    exon    33424639        33424813        .       -
        .
Parent=Smp_155850.1;Name=dc6a8138-3d3d-4d0c-9447-8b4bede2fec0
SM_V9_4 iris    exon    33425947        33426268        .       -
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SM_V9_4 iris    exon    33429835        33429911        .       -
        .       Parent=Smp_155850.1;Name=bd67b62b-
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SM_V9_4 iris    exon    33432197        33432337        .       -
        .       Parent=Smp_155850.1;Name=523e48ec-187f-4812-a662-
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SM_V9_4 iris    exon    33436924        33437187        .       -
        .       Parent=Smp_155850.1;Name=b93333e4-
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SM_V9_4 iris    exon    33438626        33438722        .       -
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e4d7e28fe58f
SM_V9_4 iris    exon    33439851        33440053        .       -
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SM_V9_4 iris    exon    33443581        33443593        .       -
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SM_V9_4 iris    exon    33444619        33444888        .       -
        .
Parent=Smp_155850.1;Name=d420f533-4d10-4ed2-9ed4-2e865f7e6e6b
SM_V9_4 iris    exon    33447418        33447753        .       -
        .       Parent=Smp_155850.1;Name=a343fc5e-9f9a-42d7-
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SM_V9_4 iris    exon    33450570        33450796        .       -
        .       Parent=Smp_155850.1;Name=7ae50653-26f1-4481-a0ab-
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SM_V9_4 iris    exon    33450832        33450963        .       -
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SM_V9_4 iris    exon    33452233        33452364        .       -
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SM_V9_4 iris    CDS     33355711        33355964        .       -
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SM_V9_4 iris    CDS     33360114        33360250        .       -
        1       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33364147        33364228        .       -
        2       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33370007        33370418        .       -
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SM_V9_4 iris    CDS     33371931        33372094        .       -
        2       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33374557        33375082        .       -
        0       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33376467        33376630        .       -
        2       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33378258        33378486        .       -
        0       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33379382        33379885        .       -
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SM_V9_4 iris    CDS     33382951        33383040        .       -
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SM_V9_4 iris    CDS     33384113        33384337        .       -
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SM_V9_4 iris    CDS     33385668        33385847        .       -
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SM_V9_4 iris    CDS     33387228        33387374        .       -
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SM_V9_4 iris    CDS     33397085        33397260        .       -
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SM_V9_4 iris    CDS     33403780        33403952        .       -
        2       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33405961        33406135        .       -
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SM_V9_4 iris    CDS     33408515        33408622        .       -
        0       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33410375        33410450        .       -
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        2       Parent=Smp_155850.1
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        0       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33420182        33420706        .       -
        0       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33421109        33421333        .       -
        0       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33424639        33424813        .       -
        1       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33425947        33426268        .       -
        2       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33429835        33429911        .       -
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SM_V9_4 iris    CDS     33432197        33432337        .       -
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SM_V9_4 iris    CDS     33433925        33434163        .       -
        0       Parent=Smp_155850.1
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        0       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33438626        33438722        .       -
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SM_V9_4 iris    CDS     33439851        33440053        .       -
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        1       Parent=Smp_155850.1
SM_V9_4 iris    CDS     33444619        33444888        .       -
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SM_V9_4 iris    CDS     33447418        33447753        .       -
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SM_V9_4 iris    CDS     33452413        33452613        .       -
        0       Parent=Smp_155850.1
SM_V9_4 Liftoff gene    33455054        33470052        .       +
        .       ID=Smp_155840;geneID=Smp_155840
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        .
ID=Smp_155840.1;Parent=Smp_155840;geneID=Smp_155840;product=Centrobi
n
SM_V9_4 Liftoff exon    33455054        33455202        .       +
        .       Parent=Smp_155840.1
SM_V9_4 Liftoff exon    33455230        33455313        .       +
        .       Parent=Smp_155840.1
SM_V9_4 Liftoff exon    33457432        33457768        .       +
        .       Parent=Smp_155840.1
SM_V9_4 Liftoff exon    33459036        33459319        .       +
        .       Parent=Smp_155840.1
SM_V9_4 Liftoff exon    33462663        33463077        .       +
        .       Parent=Smp_155840.1
SM_V9_4 Liftoff exon    33465170        33465499        .       +
        .       Parent=Smp_155840.1
SM_V9_4 Liftoff exon    33469604        33470052        .       +
        .       Parent=Smp_155840.1
SM_V9_4 Liftoff CDS     33455201        33455202        .       +
        0       Parent=Smp_155840.1
SM_V9_4 Liftoff CDS     33455230        33455313        .       +
        1       Parent=Smp_155840.1
SM_V9_4 Liftoff CDS     33457432        33457768        .       +
        1       Parent=Smp_155840.1
SM_V9_4 Liftoff CDS     33459036        33459319        .       +
        0       Parent=Smp_155840.1
SM_V9_4 Liftoff CDS     33462663        33463077        .       +
        1       Parent=Smp_155840.1
SM_V9_4 Liftoff CDS     33465170        33465499        .       +
        0       Parent=Smp_155840.1
SM_V9_4 Liftoff CDS     33469604        33469885        .       +
        0       Parent=Smp_155840.1
SM_V9_4 iris    gene    33479159        33492330        .       -
        .
ID=Smp_213590;geneID=Smp_213590;gene_name=Smp_213590;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    33479159        33492330        .       -
        .
ID=Smp_213590.1;Parent=Smp_213590;geneID=Smp_213590;gene_name=Smp_21
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ied=2022-07-23;Name=Smp_213590.1;product=GDP-L-fucose
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SM_V9_4 iris    exon    33479159        33479730        .       -
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        .       Parent=Smp_213590.1;Name=691a34d7-000d-4999-
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SM_V9_4 iris    exon    33485370        33485478        .       -
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SM_V9_4 iris    exon    33488219        33488335        .       -
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SM_V9_4 iris    exon    33488370        33488510        .       -
        .
Parent=Smp_213590.1;Name=1f1cc810-2def-4254-91aa-067749c4f1be
SM_V9_4 iris    exon    33488558        33488618        .       -
        .
Parent=Smp_213590.1;Name=ad8e0c02-81c4-429b-9205-0bc94780d33f
SM_V9_4 iris    exon    33488662        33488778        .       -
        .       Parent=Smp_213590.1;Name=e2e981c1-
bd58-45ba-9a3c-9b74a5d42f9e
SM_V9_4 iris    exon    33492107        33492330        .       -
        .       Parent=Smp_213590.1;Name=57553e60-1675-45b1-
a127-0273bb14c723
SM_V9_4 iris    CDS     33479283        33479730        .       -
        1       Parent=Smp_213590.1
SM_V9_4 iris    CDS     33483542        33483752        .       -
        2       Parent=Smp_213590.1
SM_V9_4 iris    CDS     33485370        33485478        .       -
        0       Parent=Smp_213590.1
SM_V9_4 iris    CDS     33488219        33488335        .       -
        0       Parent=Smp_213590.1
SM_V9_4 iris    CDS     33488370        33488510        .       -
        0       Parent=Smp_213590.1
SM_V9_4 iris    CDS     33488558        33488618        .       -
        1       Parent=Smp_213590.1
SM_V9_4 iris    CDS     33488662        33488699        .       -
        0       Parent=Smp_213590.1
SM_V9_4 iris    gene    33503690        33508912        .       +
        .
ID=Smp_062420;geneID=Smp_062420;gene_name=Smp_062420;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    33503690        33508912        .       +
        .
ID=Smp_062420.1;Parent=Smp_062420;geneID=Smp_062420;gene_name=Smp_06
2420;owner=irisadmin@local.host;orig_id=Smp_062420.1;date_last_modif
ied=2022-08-19;Name=Smp_062420.1;product=Hsc70-interacting
protein;date_creation=2022-08-19
SM_V9_4 iris    exon    33503690        33503861        .       +
        .       Parent=Smp_062420.1;Name=ec6d1c02-1f3f-4430-
ae84-995db3075d3e
SM_V9_4 iris    exon    33503896        33503993        .       +
        .       Parent=Smp_062420.1;Name=768650ea-2a22-43f3-
a616-0ec4d14ef901
SM_V9_4 iris    exon    33504028        33504247        .       +
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        .       Parent=Smp_062420.1;Name=d7d5fda6-dacb-4514-
b07e-979d2789934c
SM_V9_4 iris    exon    33504279        33504389        .       +
        .       Parent=Smp_062420.1;Name=66a1336d-
f39e-436a-92ba-520531e96fda
SM_V9_4 iris    exon    33504424        33504526        .       +
        .       Parent=Smp_062420.1;Name=c1064f11-277a-41f1-a854-
e1ad566a91ba
SM_V9_4 iris    exon    33505815        33505931        .       +
        .
Parent=Smp_062420.1;Name=1a30c417-3940-40dd-9df7-821a3c1a7933
SM_V9_4 iris    exon    33506463        33506570        .       +
        .       Parent=Smp_062420.1;Name=d73df3b2-
fb6e-4581-9c0e-994a693b3b8a
SM_V9_4 iris    exon    33507678        33507810        .       +
        .       Parent=Smp_062420.1;Name=eb7dceab-dec8-4bdc-8894-
bd967a2f6087
SM_V9_4 iris    exon    33508702        33508761        .       +
        .       Parent=Smp_062420.1;Name=942265b1-4364-4367-
a05e-74176a6356d4
SM_V9_4 iris    exon    33508803        33508912        .       +
        .       Parent=Smp_062420.1;Name=fba6145b-8f67-4116-82d3-
c819e21d853e
SM_V9_4 iris    CDS     33503752        33503861        .       +
        0       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33503896        33503993        .       +
        1       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33504028        33504247        .       +
        2       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33504279        33504389        .       +
        1       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33504424        33504526        .       +
        1       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33505815        33505931        .       +
        0       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33506463        33506570        .       +
        0       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33507678        33507810        .       +
        0       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33508702        33508761        .       +
        2       Parent=Smp_062420.1
SM_V9_4 iris    CDS     33508803        33508813        .       +
        2       Parent=Smp_062420.1
SM_V9_4 Liftoff gene    33615287        33662179        .       +
        .
ID=Smp_247590;geneID=Smp_247590;previous_systematic_id=Smp_081620,Sm
p_181560
SM_V9_4 Liftoff mRNA    33615287        33662179        .       +
        .
ID=Smp_247590.1;Parent=Smp_247590;geneID=Smp_247590;product=hox
protein Dfd;evidence=Traceable Author
Statement;literature=PMID:16120809;polypeptide_domain=InterPro:IPR00
1356,IPR001827,IPR009057,IPR017970,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0003700,GO:0006355,GO:00435
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65
SM_V9_4 Liftoff exon    33615287        33617804        .       +
        .       Parent=Smp_247590.1
SM_V9_4 Liftoff exon    33659788        33662179        .       +
        .       Parent=Smp_247590.1
SM_V9_4 Liftoff CDS     33616151        33617804        .       +
        0       Parent=Smp_247590.1
SM_V9_4 Liftoff CDS     33659788        33661226        .       +
        2       Parent=Smp_247590.1
SM_V9_4 Liftoff gene    33724387        33729596        .       +
        .
ID=Smp_347890;geneID=Smp_347890;previous_systematic_id=Smp_166150,Sm
p_247610
SM_V9_4 Liftoff mRNA    33724387        33729596        .       +
        .
ID=Smp_347890.1;Parent=Smp_347890;geneID=Smp_347890;product=homeobox
domain containing protein;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR013763,IPR0
17970,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    33724387        33724561        .       +
        .       Parent=Smp_347890.1
SM_V9_4 Liftoff exon    33726592        33727292        .       +
        .       Parent=Smp_347890.1
SM_V9_4 Liftoff exon    33728696        33729596        .       +
        .       Parent=Smp_347890.1
SM_V9_4 Liftoff CDS     33724513        33724561        .       +
        0       Parent=Smp_347890.1
SM_V9_4 Liftoff CDS     33726592        33727292        .       +
        2       Parent=Smp_347890.1
SM_V9_4 Liftoff CDS     33728696        33729370        .       +
        0       Parent=Smp_347890.1
SM_V9_4 Liftoff mRNA    33724387        33729596        .       +
        .
ID=Smp_347890.2;Parent=Smp_347890;geneID=Smp_347890;product=homeobox
domain containing protein;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR013763,IPR0
17970,IPR020479
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    33724387        33724561        .       +
        .       Parent=Smp_347890.2
SM_V9_4 Liftoff exon    33726550        33727292        .       +
        .       Parent=Smp_347890.2
SM_V9_4 Liftoff exon    33728696        33729596        .       +
        .       Parent=Smp_347890.2
SM_V9_4 Liftoff CDS     33724513        33724561        .       +
        0       Parent=Smp_347890.2
SM_V9_4 Liftoff CDS     33726550        33727292        .       +
        2       Parent=Smp_347890.2
SM_V9_4 Liftoff CDS     33728696        33729370        .       +
        0       Parent=Smp_347890.2
SM_V9_4 Liftoff gene    33738667        33757368        .       +
        .
ID=Smp_247600;geneID=Smp_247600;previous_systematic_id=Smp_166150
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SM_V9_4 Liftoff mRNA    33738667        33757352        .       +
        .
ID=Smp_247600.1;Parent=Smp_247600;geneID=Smp_247600;product=Maternal
embryonic leucine zipper
kinase;polypeptide_domain=InterPro:IPR000719,IPR001772,IPR008271,IPR
011009,IPR028375
Pfam:PF00069,PF02149,PF12330;Ontology_term=GO:0004672,GO:0005524,GO:
0006468
SM_V9_4 Liftoff exon    33738667        33738870        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33738905        33739021        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33739054        33739197        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33739229        33739291        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33739322        33739414        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33739960        33740058        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33740095        33740268        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33748611        33748697        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33751532        33751846        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33753814        33753985        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33754960        33755059        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33755826        33756224        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff exon    33756867        33757352        .       +
        .       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33738721        33738870        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33738905        33739021        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33739054        33739197        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33739229        33739291        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33739322        33739414        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33739960        33740058        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33740095        33740268        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33748611        33748697        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33751532        33751846        .       +
        0       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33753814        33753985        .       +
        0       Parent=Smp_247600.1
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SM_V9_4 Liftoff CDS     33754960        33755059        .       +
        2       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33755826        33756224        .       +
        1       Parent=Smp_247600.1
SM_V9_4 Liftoff CDS     33756867        33757230        .       +
        1       Parent=Smp_247600.1
SM_V9_4 Liftoff mRNA    33738667        33757368        .       +
        .
ID=Smp_247600.2;Parent=Smp_247600;geneID=Smp_247600;product=Maternal
embryonic leucine zipper
kinase;polypeptide_domain=InterPro:IPR000719,IPR001772,IPR008271,IPR
011009,IPR028375
Pfam:PF00069,PF02149,PF12330;Ontology_term=GO:0004672,GO:0005524,GO:
0006468
SM_V9_4 Liftoff exon    33738667        33738870        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33738905        33739021        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33739054        33739197        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33739229        33739291        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33739322        33739414        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33739960        33740058        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33740095        33740268        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33748611        33748697        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33751532        33751846        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33753814        33753985        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33754882        33754926        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33754960        33755059        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33755826        33756224        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff exon    33756867        33757368        .       +
        .       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33738721        33738870        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33738905        33739021        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33739054        33739197        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33739229        33739291        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33739322        33739414        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33739960        33740058        .       +
        0       Parent=Smp_247600.2
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SM_V9_4 Liftoff CDS     33740095        33740268        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33748611        33748697        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33751532        33751846        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33753814        33753985        .       +
        0       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33754882        33754926        .       +
        2       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33754960        33755059        .       +
        2       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33755826        33756224        .       +
        1       Parent=Smp_247600.2
SM_V9_4 Liftoff CDS     33756867        33757230        .       +
        1       Parent=Smp_247600.2
SM_V9_4 Liftoff gene    33768537        33789040        .       +
        .
ID=Smp_334310;geneID=Smp_334310;previous_systematic_id=Smp_081650,Sm
p_081660
SM_V9_4 Liftoff mRNA    33768537        33789040        .       +
        .
ID=Smp_334310.1;Parent=Smp_334310;geneID=Smp_334310;product=Zinc
finger and SCAN domain-containing protein
5B;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    33768537        33776701        .       +
        .       Parent=Smp_334310.1
SM_V9_4 Liftoff exon    33777557        33777848        .       +
        .       Parent=Smp_334310.1
SM_V9_4 Liftoff exon    33777948        33789040        .       +
        .       Parent=Smp_334310.1
SM_V9_4 Liftoff CDS     33775181        33776701        .       +
        0       Parent=Smp_334310.1
SM_V9_4 Liftoff CDS     33777557        33777848        .       +
        0       Parent=Smp_334310.1
SM_V9_4 Liftoff CDS     33777948        33780067        .       +
        2       Parent=Smp_334310.1
SM_V9_4 Liftoff mRNA    33768537        33789040        .       +
        .
ID=Smp_334310.2;Parent=Smp_334310;geneID=Smp_334310;product=Zinc
finger and SCAN domain-containing protein
5B;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    33768537        33776701        .       +
        .       Parent=Smp_334310.2
SM_V9_4 Liftoff exon    33777557        33789040        .       +
        .       Parent=Smp_334310.2
SM_V9_4 Liftoff CDS     33775181        33776701        .       +
        0       Parent=Smp_334310.2
SM_V9_4 Liftoff CDS     33777557        33780067        .       +
        0       Parent=Smp_334310.2
SM_V9_4 Liftoff gene    33808152        33810573        .       -
        .       ID=Smp_166170;geneID=Smp_166170
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SM_V9_4 Liftoff mRNA    33808152        33810573        .       -
        .
ID=Smp_166170.1;Parent=Smp_166170;geneID=Smp_166170;product=Putative
ankyrin repeat protein R748
SM_V9_4 Liftoff exon    33808152        33810573        .       -
        .       Parent=Smp_166170.1
SM_V9_4 Liftoff CDS     33809102        33810331        .       -
        0       Parent=Smp_166170.1
SM_V9_4 Liftoff gene    33869439        33874639        .       -
        .       ID=Smp_166180;geneID=Smp_166180
SM_V9_4 Liftoff mRNA    33869439        33874639        .       -
        .
ID=Smp_166180.1;Parent=Smp_166180;geneID=Smp_166180;product=Cathelic
idin antimicrobial peptide
SM_V9_4 Liftoff exon    33869439        33870057        .       -
        .       Parent=Smp_166180.1
SM_V9_4 Liftoff exon    33873383        33874639        .       -
        .       Parent=Smp_166180.1
SM_V9_4 Liftoff CDS     33870041        33870057        .       -
        2       Parent=Smp_166180.1
SM_V9_4 Liftoff CDS     33873383        33874571        .       -
        0       Parent=Smp_166180.1
SM_V9_4 Liftoff mRNA    33869439        33874639        .       -
        .
ID=Smp_166180.2;Parent=Smp_166180;geneID=Smp_166180;product=Cathelic
idin antimicrobial peptide
SM_V9_4 Liftoff exon    33869439        33869639        .       -
        .       Parent=Smp_166180.2
SM_V9_4 Liftoff exon    33873383        33874639        .       -
        .       Parent=Smp_166180.2
SM_V9_4 Liftoff CDS     33869635        33869639        .       -
        2       Parent=Smp_166180.2
SM_V9_4 Liftoff CDS     33873383        33874571        .       -
        0       Parent=Smp_166180.2
SM_V9_4 Liftoff gene    33923827        34002594        .       +
        .
ID=Smp_247620;geneID=Smp_247620;previous_systematic_id=Smp_081700,Sm
p_166190
SM_V9_4 Liftoff mRNA    33923827        34002594        .       +
        .
ID=Smp_247620.1;Parent=Smp_247620;geneID=Smp_247620;product=Nucleoly
sin TIA-1 isoform
p40;polypeptide_domain=InterPro:IPR000504,IPR003954
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    33923827        33924688        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    33945338        33945449        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    33965041        33965128        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    33980765        33980840        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    33982766        33982868        .       +
        .       Parent=Smp_247620.1
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SM_V9_4 Liftoff exon    33987925        33988017        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    33991146        33991230        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    33993898        33994018        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    33996453        33996940        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    34000391        34000851        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff exon    34001779        34002594        .       +
        .       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33924326        33924688        .       +
        0       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33945338        33945449        .       +
        0       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33965041        33965128        .       +
        2       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33980765        33980840        .       +
        1       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33982766        33982868        .       +
        0       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33987925        33988017        .       +
        2       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33991146        33991230        .       +
        2       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33993898        33994018        .       +
        1       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     33996453        33996940        .       +
        0       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     34000391        34000851        .       +
        1       Parent=Smp_247620.1
SM_V9_4 Liftoff CDS     34001779        34001783        .       +
        2       Parent=Smp_247620.1
SM_V9_4 Liftoff gene    34012133        34039143        .       +
        .       ID=Smp_138690;geneID=Smp_138690
SM_V9_4 Liftoff mRNA    34012133        34030936        .       +
        .
ID=Smp_138690.1;Parent=Smp_138690;geneID=Smp_138690;product=Leucine-
rich repeat protein
SHOC-2;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF00560,PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    34012133        34014182        .       +
        .       Parent=Smp_138690.1
SM_V9_4 Liftoff exon    34014231        34014497        .       +
        .       Parent=Smp_138690.1
SM_V9_4 Liftoff exon    34023486        34023895        .       +
        .       Parent=Smp_138690.1
SM_V9_4 Liftoff exon    34027696        34028121        .       +
        .       Parent=Smp_138690.1
SM_V9_4 Liftoff exon    34030533        34030936        .       +
        .       Parent=Smp_138690.1
SM_V9_4 Liftoff CDS     34014083        34014182        .       +
        0       Parent=Smp_138690.1
```

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SM_V9_4 Liftoff CDS     34014231        34014497        .       +
        2       Parent=Smp_138690.1
SM_V9_4 Liftoff CDS     34023486        34023895        .       +
        2       Parent=Smp_138690.1
SM_V9_4 Liftoff CDS     34027696        34028121        .       +
        0       Parent=Smp_138690.1
SM_V9_4 Liftoff CDS     34030533        34030871        .       +
        0       Parent=Smp_138690.1
SM_V9_4 Liftoff mRNA    34012133        34039143        .       +
        .
ID=Smp_138690.2;Parent=Smp_138690;geneID=Smp_138690;product=Leucine-
rich repeat protein
SHOC-2;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    34012133        34014182        .       +
        .       Parent=Smp_138690.2
SM_V9_4 Liftoff exon    34014231        34014497        .       +
        .       Parent=Smp_138690.2
SM_V9_4 Liftoff exon    34023486        34023895        .       +
        .       Parent=Smp_138690.2
SM_V9_4 Liftoff exon    34027696        34028121        .       +
        .       Parent=Smp_138690.2
SM_V9_4 Liftoff exon    34030533        34030862        .       +
        .       Parent=Smp_138690.2
SM_V9_4 Liftoff exon    34033726        34034134        .       +
        .       Parent=Smp_138690.2
SM_V9_4 Liftoff exon    34036736        34039143        .       +
        .       Parent=Smp_138690.2
SM_V9_4 Liftoff CDS     34014083        34014182        .       +
        0       Parent=Smp_138690.2
SM_V9_4 Liftoff CDS     34014231        34014497        .       +
        2       Parent=Smp_138690.2
SM_V9_4 Liftoff CDS     34023486        34023895        .       +
        2       Parent=Smp_138690.2
SM_V9_4 Liftoff CDS     34027696        34028121        .       +
        0       Parent=Smp_138690.2
SM_V9_4 Liftoff CDS     34030533        34030862        .       +
        0       Parent=Smp_138690.2
SM_V9_4 Liftoff CDS     34033726        34034134        .       +
        0       Parent=Smp_138690.2
SM_V9_4 Liftoff CDS     34036736        34039089        .       +
        2       Parent=Smp_138690.2
SM_V9_4 Liftoff mRNA    34015103        34039143        .       +
        .
ID=Smp_138690.4;Parent=Smp_138690;geneID=Smp_138690;product=Leucine-
rich repeat protein
SHOC-2;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    34015103        34015145        .       +
        .       Parent=Smp_138690.4
SM_V9_4 Liftoff exon    34023486        34023895        .       +
        .       Parent=Smp_138690.4
SM_V9_4 Liftoff exon    34027696        34028121        .       +
        .       Parent=Smp_138690.4
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SM_V9_4 Liftoff exon    34030533        34030862        .       +
        .       Parent=Smp_138690.4
SM_V9_4 Liftoff exon    34033726        34034134        .       +
        .       Parent=Smp_138690.4
SM_V9_4 Liftoff exon    34036736        34039143        .       +
        .       Parent=Smp_138690.4
SM_V9_4 Liftoff CDS     34015133        34015145        .       +
        0       Parent=Smp_138690.4
SM_V9_4 Liftoff CDS     34023486        34023895        .       +
        2       Parent=Smp_138690.4
SM_V9_4 Liftoff CDS     34027696        34028121        .       +
        0       Parent=Smp_138690.4
SM_V9_4 Liftoff CDS     34030533        34030862        .       +
        0       Parent=Smp_138690.4
SM_V9_4 Liftoff CDS     34033726        34034134        .       +
        0       Parent=Smp_138690.4
SM_V9_4 Liftoff CDS     34036736        34039089        .       +
        2       Parent=Smp_138690.4
SM_V9_4 Liftoff mRNA    34037743        34039143        .       +
        .
ID=Smp_138690.3;Parent=Smp_138690;geneID=Smp_138690;product=1,4-
alpha-glucan-branching enzyme
SM_V9_4 Liftoff exon    34037743        34039143        .       +
        .       Parent=Smp_138690.3
SM_V9_4 Liftoff CDS     34037770        34039089        .       +
        0       Parent=Smp_138690.3
SM_V9_4 iris    gene    34046093        34053698        .       +
        .
ID=Smp_247630;geneID=Smp_247630;gene_name=Smp_247630;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34046093        34053698        .       +
        .
ID=Smp_247630.1;Parent=Smp_247630;geneID=Smp_247630;gene_name=Smp_24
7630;owner=irisadmin@local.host;orig_id=Smp_247630.1;date_last_modif
ied=2022-07-23;Name=Smp_247630.1;product=Armadillo repeat-containing
protein 6;date_creation=2022-07-23
SM_V9_4 iris    exon    34046093        34046249        .       +
        .
Parent=Smp_247630.1;Name=056427e4-7527-474f-831f-06543735bd52
SM_V9_4 iris    exon    34046297        34046627        .       +
        .       Parent=Smp_247630.1;Name=4d76ee91-81bc-4521-af68-
f2c263881252
SM_V9_4 iris    exon    34047399        34047770        .       +
        .       Parent=Smp_247630.1;Name=795edece-70ac-47c3-bc72-
ea22668ec52c
SM_V9_4 iris    exon    34050398        34050549        .       +
        .       Parent=Smp_247630.1;Name=825874f9-c7e2-4fb6-
b411-4452bbcaa28b
SM_V9_4 iris    exon    34051747        34051994        .       +
        .       Parent=Smp_247630.1;Name=cc503ee4-e50d-43bd-
b994-790e8c319f6a
SM_V9_4 iris    exon    34053325        34053698        .       +
        .       Parent=Smp_247630.1;Name=66d07613-7f8d-4549-a8ab-
c9cde7f293d3
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SM_V9_4 iris    CDS     34046136        34046249        .       +
        0       Parent=Smp_247630.1
SM_V9_4 iris    CDS     34046297        34046627        .       +
        0       Parent=Smp_247630.1
SM_V9_4 iris    CDS     34047399        34047770        .       +
        2       Parent=Smp_247630.1
SM_V9_4 iris    CDS     34050398        34050549        .       +
        2       Parent=Smp_247630.1
SM_V9_4 iris    CDS     34051747        34051994        .       +
        0       Parent=Smp_247630.1
SM_V9_4 iris    CDS     34053325        34053427        .       +
        1       Parent=Smp_247630.1
SM_V9_4 iris    gene    34068553        34081867        .       +
        .
ID=Smp_138680;geneID=Smp_138680;gene_name=Smp_138680;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34068553        34081867        .       +
        .
ID=Smp_138680.1;Parent=Smp_138680;geneID=Smp_138680;gene_name=Smp_13
8680;owner=irisadmin@local.host;orig_id=Smp_138680.1;date_last_modif
ied=2022-07-23;Name=Smp_138680.1;product=DnaJ homolog subfamily C
member 7;date_creation=2022-07-23
SM_V9_4 iris    exon    34068553        34068581        .       +
        .       Parent=Smp_138680.1;Name=74fe8a9a-98c1-44c3-
bf7f-773a3180453f
SM_V9_4 iris    exon    34072816        34073035        .       +
        .       Parent=Smp_138680.1;Name=e7933412-eb21-4fb2-9c69-
d5bc373d037a
SM_V9_4 iris    exon    34073076        34073220        .       +
        .       Parent=Smp_138680.1;Name=be1794a2-d6de-40f3-
a911-6cd7758b7da5
SM_V9_4 iris    exon    34073261        34073335        .       +
        .       Parent=Smp_138680.1;Name=c891e872-eb58-4cb7-b9e1-
b2ee5ee77acb
SM_V9_4 iris    exon    34073375        34073493        .       +
        .
Parent=Smp_138680.1;Name=ce3866f8-93e1-452d-83c8-28d07f08e6ca
SM_V9_4 iris    exon    34073536        34073854        .       +
        .       Parent=Smp_138680.1;Name=2c5511dd-a654-48c6-
a812-9752767364f6
SM_V9_4 iris    exon    34073892        34073983        .       +
        .       Parent=Smp_138680.1;Name=f5b2a16c-91bb-497e-
aca2-99cc7189c912
SM_V9_4 iris    exon    34074993        34075210        .       +
        .
Parent=Smp_138680.1;Name=21e21b42-5d6e-41bd-91af-7d70b697b508
SM_V9_4 iris    exon    34079133        34079282        .       +
        .       Parent=Smp_138680.1;Name=41b36676-410b-4466-
bcbc-0a5c762e3fc5
SM_V9_4 iris    exon    34081273        34081867        .       +
        .       Parent=Smp_138680.1;Name=8a34802d-2fba-4c85-9051-
cb184530f8d6
SM_V9_4 iris    CDS     34072821        34073035        .       +
        0       Parent=Smp_138680.1
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SM_V9_4 iris    CDS     34073076        34073220        .       +
        1       Parent=Smp_138680.1
SM_V9_4 iris    CDS     34073261        34073335        .       +
        0       Parent=Smp_138680.1
SM_V9_4 iris    CDS     34073375        34073493        .       +
        0       Parent=Smp_138680.1
SM_V9_4 iris    CDS     34073536        34073854        .       +
        1       Parent=Smp_138680.1
SM_V9_4 iris    CDS     34073892        34073983        .       +
        0       Parent=Smp_138680.1
SM_V9_4 iris    CDS     34074993        34075210        .       +
        1       Parent=Smp_138680.1
SM_V9_4 iris    CDS     34079133        34079282        .       +
        2       Parent=Smp_138680.1
SM_V9_4 iris    CDS     34081273        34081352        .       +
        2       Parent=Smp_138680.1
SM_V9_4 iris    gene    34099514        34100071        .       -
        .
ID=Smp_202580;geneID=Smp_202580;gene_name=Smp_202580;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34099514        34100071        .       -
        .
ID=Smp_202580.1;Parent=Smp_202580;geneID=Smp_202580;gene_name=Smp_20
2580;owner=irisadmin@local.host;orig_id=Smp_202580.1;date_last_modif
ied=2022-07-23;Name=Smp_202580.1;product=Sodium/potassium-
transporting ATPase subunit beta-2;date_creation=2022-07-23
SM_V9_4 iris    exon    34099514        34100071        .       -
        .       Parent=Smp_202580.1;Name=Smp_202580.1-CDS
SM_V9_4 iris    CDS     34099745        34099852        .       -
        0       Parent=Smp_202580.1
SM_V9_4 Liftoff gene    34106037        34109017        .       +
        .       ID=Smp_202720;geneID=Smp_202720
SM_V9_4 Liftoff mRNA    34106037        34109017        .       +
        .
ID=Smp_202720.1;Parent=Smp_202720;geneID=Smp_202720;product=Protein
translocase subunit SecA
SM_V9_4 Liftoff exon    34106037        34107974        .       +
        .       Parent=Smp_202720.1
SM_V9_4 Liftoff exon    34108865        34109017        .       +
        .       Parent=Smp_202720.1
SM_V9_4 Liftoff CDS     34107830        34107974        .       +
        0       Parent=Smp_202720.1
SM_V9_4 Liftoff CDS     34108865        34108911        .       +
        2       Parent=Smp_202720.1
SM_V9_4 Liftoff mRNA    34106037        34109017        .       +
        .
ID=Smp_202720.2;Parent=Smp_202720;geneID=Smp_202720;product=Accumula
tion-associated protein
SM_V9_4 Liftoff exon    34106037        34109017        .       +
        .       Parent=Smp_202720.2
SM_V9_4 Liftoff CDS     34107830        34108060        .       +
        0       Parent=Smp_202720.2
SM_V9_4 iris    gene    34111988        34126734        .       +
        .
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ID=Smp_334320;geneID=Smp_334320;gene_name=Smp_334320;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34111988        34126734        .       +
       .
ID=Smp_334320.1;Parent=Smp_334320;geneID=Smp_334320;gene_name=Smp_33
4320;owner=irisadmin@local.host;orig_id=Smp_334320.1;date_last_modif
ied=2022-07-23;Name=Smp_334320.1;product=Cornifelin;date_creation=20
22-07-23
SM_V9_4 iris    exon    34111988        34112187        .       +
       .
Parent=Smp_334320.1;Name=a2f0190c-0523-485b-9276-3328db485f90
SM_V9_4 iris    exon    34113957        34114096        .       +
       .       Parent=Smp_334320.1;Name=e26e8669-4782-4540-a1ce-
e251191e5a89
SM_V9_4 iris    exon    34126373        34126734        .       +
       .       Parent=Smp_334320.1;Name=927f9243-30e4-4398-
afe0-4faa6896476a
SM_V9_4 iris    CDS     34112049        34112187        .       +
       0       Parent=Smp_334320.1
SM_V9_4 iris    CDS     34113957        34114096        .       +
       2       Parent=Smp_334320.1
SM_V9_4 iris    CDS     34126373        34126519        .       +
       0       Parent=Smp_334320.1
SM_V9_4 iris    gene    34156386        34181159        .       -
       .
ID=Smp_169610;geneID=Smp_169610;gene_name=Smp_169610;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34156386        34181159        .       -
       .
ID=Smp_169610.1;Parent=Smp_169610;geneID=Smp_169610;gene_name=Smp_16
9610;owner=irisadmin@local.host;orig_id=Smp_169610.1;date_last_modif
ied=2022-07-23;Name=Smp_169610.1;product=Palmitoyltransferase
ZDHHC15;date_creation=2022-07-23
SM_V9_4 iris    exon    34156386        34157074        .       -
       .       Parent=Smp_169610.1;Name=cb0e7b4e-5462-4ba8-
b085-26140916b671
SM_V9_4 iris    exon    34169330        34169459        .       -
       .       Parent=Smp_169610.1;Name=5596b658-ed8a-4d30-
ac8a-4b4e1c260b1d
SM_V9_4 iris    exon    34172260        34172392        .       -
       .
Parent=Smp_169610.1;Name=2b5b2ce2-403e-43bb-8a9a-249d9158b991
SM_V9_4 iris    exon    34174272        34174392        .       -
       .       Parent=Smp_169610.1;Name=229152ef-edcf-415d-95b6-
fb4c105eae9f
SM_V9_4 iris    exon    34177075        34177107        .       -
       .       Parent=Smp_169610.1;Name=f0389dcf-
aa63-458e-89da-28705b5211fc
SM_V9_4 iris    exon    34179215        34179414        .       -
       .       Parent=Smp_169610.1;Name=301e18c0-8113-40b8-b791-
d51e1784e395
SM_V9_4 iris    exon    34180757        34180851        .       -
       .       Parent=Smp_169610.1;Name=335c3f97-dd70-43b0-accc-
cdadf64470da
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SM_V9_4 iris    exon    34180882        34180908        .       -
        .       Parent=Smp_169610.1;Name=e05e0eea-5ae9-46bf-b9b5-
aa88b2103f25
SM_V9_4 iris    exon    34180947        34181159        .       -
        .       Parent=Smp_169610.1;Name=8f40427f-
cffd-44ab-9113-1e35611936b3
SM_V9_4 iris    CDS     34156936        34157074        .       -
        1       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34169330        34169459        .       -
        2       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34172260        34172392        .       -
        0       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34174272        34174392        .       -
        1       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34177075        34177107        .       -
        1       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34179215        34179414        .       -
        0       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34180757        34180851        .       -
        2       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34180882        34180908        .       -
        2       Parent=Smp_169610.1
SM_V9_4 iris    CDS     34180947        34181073        .       -
        0       Parent=Smp_169610.1
SM_V9_4 iris    gene    34192923        34218894        .       +
        .
ID=Smp_087220;geneID=Smp_087220;gene_name=Smp_087220;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34192923        34218894        .       +
        .
ID=Smp_087220.1;Parent=Smp_087220;geneID=Smp_087220;gene_name=Smp_08
7220;owner=irisadmin@local.host;orig_id=Smp_087220.1;date_last_modif
ied=2022-07-23;Name=Smp_087220.1;product=partner
drosha;date_creation=2022-07-23
SM_V9_4 iris    exon    34192923        34193059        .       +
        .
Parent=Smp_087220.1;Name=e811446b-5e9c-47f0-882c-8ac3f44bc4de
SM_V9_4 iris    exon    34195098        34195233        .       +
        .       Parent=Smp_087220.1;Name=0ef2c494-2376-45ab-9da8-
a1f91fccd069
SM_V9_4 iris    exon    34195275        34195422        .       +
        .
Parent=Smp_087220.1;Name=60c70394-3a33-45ce-8618-19c901ea1a21
SM_V9_4 iris    exon    34198664        34198896        .       +
        .       Parent=Smp_087220.1;Name=a828d21d-34c6-4d0d-8de0-
c01c27bcc449
SM_V9_4 iris    exon    34201114        34201576        .       +
        .       Parent=Smp_087220.1;Name=90e77e88-d462-4490-aa22-
b9b304054ef6
SM_V9_4 iris    exon    34203356        34203597        .       +
        .       Parent=Smp_087220.1;Name=f373812b-4e05-402f-a9e0-
addb2606e2f6
SM_V9_4 iris    exon    34207177        34207286        .       +
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Parent=Smp_087220.1;Name=4d790931-83ab-4631-924f-9fc552e642f4
SM_V9_4 iris    exon    34210314        34210389        .       +
        .       Parent=Smp_087220.1;Name=287f4913-a3b6-4a3c-8898-
ea6c45dd49b1
SM_V9_4 iris    exon    34212894        34212966        .       +
        .
Parent=Smp_087220.1;Name=4c2673cd-0575-47ad-92d9-56a11e1bd482
SM_V9_4 iris    exon    34214662        34214862        .       +
        .       Parent=Smp_087220.1;Name=01f34b7e-7c6c-4f4a-bd7b-
dbfd6980e8c2
SM_V9_4 iris    exon    34215167        34215465        .       +
        .       Parent=Smp_087220.1;Name=560ec2b8-1f78-43af-
af46-09358172d1ed
SM_V9_4 iris    exon    34216385        34216624        .       +
        .       Parent=Smp_087220.1;Name=d5b9320f-
f28d-4cca-8c16-398dbb2701dc
SM_V9_4 iris    exon    34218607        34218894        .       +
        .       Parent=Smp_087220.1;Name=879a5a03-
ec68-4de6-9cf0-7706005a5e1a
SM_V9_4 iris    CDS     34195195        34195233        .       +
        0       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34195275        34195422        .       +
        0       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34198664        34198896        .       +
        2       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34201114        34201576        .       +
        0       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34203356        34203597        .       +
        2       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34207177        34207286        .       +
        0       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34210314        34210389        .       +
        1       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34212894        34212966        .       +
        0       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34214662        34214862        .       +
        2       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34215167        34215465        .       +
        2       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34216385        34216624        .       +
        0       Parent=Smp_087220.1
SM_V9_4 iris    CDS     34218607        34218768        .       +
        0       Parent=Smp_087220.1
SM_V9_4 iris    gene    34229502        34232591        .       -
        .
ID=Smp_341450;geneID=Smp_341450;gene_name=Smp_341450;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    34229502        34232591        .       -
        .
ID=Smp_341450.1;Parent=Smp_341450;geneID=Smp_341450;gene_name=Smp_34
1450;owner=irisadmin@local.host;orig_id=Smp_341450.1;date_last_modif
ied=2022-08-19;Name=Smp_341450.1;product=5-formyltetrahydrofolate
cyclo-ligase;date_creation=2022-08-19
SM_V9_4 iris    exon    34229502        34229770        .       -
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        .       Parent=Smp_341450.1;Name=10b60a14-7d38-428f-
afe7-79cf9d4eede9
SM_V9_4 iris    exon    34231128        34231426        .       -
        .       Parent=Smp_341450.1;Name=7993fc1e-baa8-4b0d-
b153-00e75173d8a1
SM_V9_4 iris    exon    34231464        34231547        .       -
        .       Parent=Smp_341450.1;Name=0b1701fb-
b94c-4373-9414-9ca62b18ce6f
SM_V9_4 iris    exon    34232479        34232591        .       -
        .       Parent=Smp_341450.1;Name=18550fe2-
c17f-4a63-9744-7eaaa38c6041
SM_V9_4 iris    CDS     34229541        34229770        .       -
        2       Parent=Smp_341450.1
SM_V9_4 iris    CDS     34231128        34231278        .       -
        0       Parent=Smp_341450.1
SM_V9_4 iris    gene    34232648        34241009        .       -
        .
ID=Smp_345910;geneID=Smp_345910;gene_name=Smp_345910;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    34232648        34241009        .       -
        .
ID=Smp_345910.1;Parent=Smp_345910;geneID=Smp_345910;gene_name=Smp_34
5910;owner=irisadmin@local.host;orig_id=Smp_345910.1;date_last_modif
ied=2022-08-19;Name=Smp_345910.1;product=Probable E3 ubiquitin-
protein ligase RZFP34;date_creation=2022-08-19
SM_V9_4 iris    exon    34232648        34232845        .       -
        .       Parent=Smp_345910.1;Name=079a0cfd-3928-4e11-
b469-3b4cc1dac2f3
SM_V9_4 iris    exon    34232906        34232968        .       -
        .       Parent=Smp_345910.1;Name=c7383bc1-6b20-4eb7-
bf19-01cf66891fd4
SM_V9_4 iris    exon    34235641        34235708        .       -
        .
Parent=Smp_345910.1;Name=8fb00dca-73f2-487b-8617-850cdfa67158
SM_V9_4 iris    exon    34235743        34235861        .       -
        .
Parent=Smp_345910.1;Name=989f9f90-47d9-4e69-8738-08e868d4ae92
SM_V9_4 iris    exon    34237793        34237839        .       -
        .
Parent=Smp_345910.1;Name=19257560-676d-4b80-9602-8553986d785a
SM_V9_4 iris    exon    34237879        34237983        .       -
        .       Parent=Smp_345910.1;Name=ae160f28-f5db-44c3-970d-
d88033af0356
SM_V9_4 iris    exon    34240866        34241009        .       -
        .       Parent=Smp_345910.1;Name=d900d109-cc30-4b41-902b-
a603ec7400f8
SM_V9_4 iris    CDS     34232719        34232845        .       -
        1       Parent=Smp_345910.1
SM_V9_4 iris    CDS     34232906        34232968        .       -
        1       Parent=Smp_345910.1
SM_V9_4 iris    CDS     34235641        34235708        .       -
        0       Parent=Smp_345910.1
SM_V9_4 iris    CDS     34235743        34235861        .       -
        2       Parent=Smp_345910.1
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SM_V9_4 iris    CDS     34237793        34237839        .       -
        1       Parent=Smp_345910.1
SM_V9_4 iris    CDS     34237879        34237983        .       -
        1       Parent=Smp_345910.1
SM_V9_4 iris    CDS     34240866        34240873        .       -
        0       Parent=Smp_345910.1
SM_V9_4 iris    gene    34251843        34259487        .       +
        .
ID=Smp_169630;geneID=Smp_169630;gene_name=Smp_169630;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34251843        34259487        .       +
        .
ID=Smp_169630.1;Parent=Smp_169630;geneID=Smp_169630;gene_name=Smp_16
9630;owner=irisadmin@local.host;orig_id=Smp_169630.1;date_last_modif
ied=2022-07-23;Name=Smp_169630.1;product=Exportin-6;date_creation=20
22-07-23
SM_V9_4 iris    exon    34251843        34252161        .       +
        .       Parent=Smp_169630.1;Name=1c172985-e2d3-49fb-96f9-
d93bc6b9099a
SM_V9_4 iris    exon    34253261        34257343        .       +
        .       Parent=Smp_169630.1;Name=6507e21b-7d65-487d-afc8-
d72aa87901df
SM_V9_4 iris    exon    34258764        34259487        .       +
        .       Parent=Smp_169630.1;Name=58f16483-0e1f-4a63-9797-
a975af5061a0
SM_V9_4 iris    CDS     34253304        34257323        .       +
        0       Parent=Smp_169630.1
SM_V9_4 iris    gene    34271663        34284778        .       +
        .
ID=Smp_087250;geneID=Smp_087250;gene_name=Smp_087250;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34271663        34284778        .       +
        .
ID=Smp_087250.1;Parent=Smp_087250;geneID=Smp_087250;gene_name=Smp_08
7250;owner=irisadmin@local.host;orig_id=Smp_087250.1;date_last_modif
ied=2022-07-23;Name=Smp_087250.1;product=Cysteine and glycine-rich
protein 2;date_creation=2022-07-23
SM_V9_4 iris    exon    34271663        34272046        .       +
        .
Parent=Smp_087250.1;Name=e18a4b3b-242e-424f-92eb-14effe445a59
SM_V9_4 iris    exon    34279446        34279620        .       +
        .       Parent=Smp_087250.1;Name=217a8766-
cc1d-4eab-90f4-825f0734b4ba
SM_V9_4 iris    exon    34281151        34281268        .       +
        .       Parent=Smp_087250.1;Name=56945fdf-94b7-4b02-952a-
a74f5775a795
SM_V9_4 iris    exon    34282849        34282951        .       +
        .       Parent=Smp_087250.1;Name=756faf55-4b68-4e4f-
a91c-33e0551270e0
SM_V9_4 iris    exon    34284218        34284778        .       +
        .       Parent=Smp_087250.1;Name=ce159825-b7d8-4877-
b8f3-1c9ded9e6ca9
SM_V9_4 iris    CDS     34271947        34272046        .       +
        0       Parent=Smp_087250.1
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SM_V9_4 iris    CDS     34279446        34279620        .       +
        2       Parent=Smp_087250.1
SM_V9_4 iris    CDS     34281151        34281268        .       +
        1       Parent=Smp_087250.1
SM_V9_4 iris    CDS     34282849        34282951        .       +
        0       Parent=Smp_087250.1
SM_V9_4 iris    CDS     34284218        34284291        .       +
        2       Parent=Smp_087250.1
SM_V9_4 iris    gene    34296707        34318534        .       -
        .
ID=Smp_169640;geneID=Smp_169640;gene_name=Smp_169640;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_4 iris    mRNA    34296707        34318534        .       -
        .
ID=Smp_169640.1;Parent=Smp_169640;geneID=Smp_169640;gene_name=Smp_16
9640;owner=irisadmin@local.host;orig_id=Smp_169640.1;date_last_modif
ied=2022-08-19;Name=Smp_169640.1;product=Nuclear pore complex
protein Nup54;date_creation=2022-08-19
SM_V9_4 iris    exon    34296707        34297086        .       -
        .       Parent=Smp_169640.1;Name=ba515860-fe96-4b13-9894-
f2eb14f54b12
SM_V9_4 iris    exon    34298267        34298554        .       -
        .       Parent=Smp_169640.1;Name=2554a43f-abdb-42a4-ba89-
a2e77c09ab78
SM_V9_4 iris    exon    34304797        34304904        .       -
        .       Parent=Smp_169640.1;Name=a4002bd5-d92e-4937-
adc7-0da6bc9796a1
SM_V9_4 iris    exon    34308529        34308651        .       -
        .       Parent=Smp_169640.1;Name=52d3a474-
c9d1-41ff-9c38-1022608bb8f9
SM_V9_4 iris    exon    34309801        34309985        .       -
        .       Parent=Smp_169640.1;Name=76eb8711-030d-4e5b-
ae5d-3afa4f0f25a7
SM_V9_4 iris    exon    34312027        34312518        .       -
        .       Parent=Smp_169640.1;Name=db93e4cd-a3a2-4adf-
a801-5d99b54edeeb
SM_V9_4 iris    exon    34316384        34316807        .       -
        .       Parent=Smp_169640.1;Name=5c0914df-b565-4fdf-a063-
c78d31433bfa
SM_V9_4 iris    exon    34318422        34318534        .       -
        .       Parent=Smp_169640.1;Name=01155854-4c20-4c97-b287-
cc800cf02931
SM_V9_4 iris    CDS     34296889        34297086        .       -
        0       Parent=Smp_169640.1
SM_V9_4 iris    CDS     34298267        34298554        .       -
        0       Parent=Smp_169640.1
SM_V9_4 iris    CDS     34304797        34304904        .       -
        0       Parent=Smp_169640.1
SM_V9_4 iris    CDS     34308529        34308651        .       -
        0       Parent=Smp_169640.1
SM_V9_4 iris    CDS     34309801        34309985        .       -
        2       Parent=Smp_169640.1
SM_V9_4 iris    CDS     34312027        34312518        .       -
        2       Parent=Smp_169640.1
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SM_V9_4 iris    CDS     34316384        34316807        .       -
        0       Parent=Smp_169640.1
SM_V9_4 iris    gene    34323719        34343270        .       -
        .
ID=Smp_087270;geneID=Smp_087270;gene_name=Smp_087270;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34323719        34343270        .       -
        .
ID=Smp_087270.1;Parent=Smp_087270;geneID=Smp_087270;gene_name=Smp_08
7270;owner=irisadmin@local.host;orig_id=Smp_087270.1;date_last_modif
ied=2022-07-23;Name=Smp_087270.1;product=Pre-mRNA-splicing factor
ATP-dependent RNA helicase DHX15;date_creation=2022-07-23
SM_V9_4 iris    exon    34323719        34324061        .       -
        .       Parent=Smp_087270.1;Name=709f78be-d5c6-48c5-93e0-
af3e5205db74
SM_V9_4 iris    exon    34324873        34325042        .       -
        .
Parent=Smp_087270.1;Name=43499865-1b7b-4c0b-9c6a-62222e9c1d1b
SM_V9_4 iris    exon    34325434        34325624        .       -
        .       Parent=Smp_087270.1;Name=25261992-c820-4463-a26e-
f4a9f33e8206
SM_V9_4 iris    exon    34330571        34330693        .       -
        .       Parent=Smp_087270.1;Name=74ff11ea-
f399-4056-974c-3ca2dc016d76
SM_V9_4 iris    exon    34330818        34331009        .       -
        .       Parent=Smp_087270.1;Name=5c56d0fd-668f-4b6a-82ea-
bffbe96df684
SM_V9_4 iris    exon    34333530        34333875        .       -
        .       Parent=Smp_087270.1;Name=91398f78-9857-46e7-
bb65-754fff62c0b2
SM_V9_4 iris    exon    34336195        34336539        .       -
        .       Parent=Smp_087270.1;Name=9c082166-4786-410a-81af-
e9a503437278
SM_V9_4 iris    exon    34336675        34336876        .       -
        .       Parent=Smp_087270.1;Name=97abb1db-
e1b1-4a0c-83e7-3d7c078c9f43
SM_V9_4 iris    exon    34336909        34337251        .       -
        .       Parent=Smp_087270.1;Name=08a2dff7-67f9-4c15-
bdab-9081cde5ead4
SM_V9_4 iris    exon    34341325        34341446        .       -
        .       Parent=Smp_087270.1;Name=cae22f25-8694-4b86-
a45b-529a54725e36
SM_V9_4 iris    exon    34343173        34343270        .       -
        .       Parent=Smp_087270.1;Name=228f9c85-91ad-4a96-a9d4-
b79c1840357b
SM_V9_4 iris    CDS     34323905        34324061        .       -
        1       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34324873        34325042        .       -
        0       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34325434        34325624        .       -
        2       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34330571        34330693        .       -
        2       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34330818        34331009        .       -
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        2       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34333530        34333875        .       -
        0       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34336195        34336539        .       -
        0       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34336675        34336876        .       -
        1       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34336909        34337251        .       -
        2       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34341325        34341446        .       -
        1       Parent=Smp_087270.1
SM_V9_4 iris    CDS     34343173        34343225        .       -
        0       Parent=Smp_087270.1
SM_V9_4 iris    gene    34357292        34386225        .       +
        .
ID=Smp_169660;geneID=Smp_169660;gene_name=Smp_169660;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34357292        34386225        .       +
        .
ID=Smp_169660.1;Parent=Smp_169660;geneID=Smp_169660;gene_name=Smp_16
9660;owner=irisadmin@local.host;orig_id=Smp_169660.1;date_last_modif
ied=2022-07-23;Name=Smp_169660.1;product=DNA replication complex
GINS protein PSF2;date_creation=2022-07-23
SM_V9_4 iris    exon    34357292        34357418        .       +
        .       Parent=Smp_169660.1;Name=99406225-dfc1-44ab-
a6e2-97934ad3436b
SM_V9_4 iris    exon    34357453        34357576        .       +
        .       Parent=Smp_169660.1;Name=cd8ca3e8-92dc-4747-ba15-
b903528ff93b
SM_V9_4 iris    exon    34357608        34357892        .       +
        .       Parent=Smp_169660.1;Name=4ff60c7e-7762-4ccf-8665-
aa8d16a2ca98
SM_V9_4 iris    exon    34357932        34358168        .       +
        .       Parent=Smp_169660.1;Name=211f9aca-ad0a-41b1-
a627-7b6aea14df0e
SM_V9_4 iris    exon    34359053        34359395        .       +
        .       Parent=Smp_169660.1;Name=8c1943a6-
b8e8-474f-8b17-799524457944
SM_V9_4 iris    exon    34361138        34361176        .       +
        .       Parent=Smp_169660.1;Name=37706c06-34c7-4a27-aa8a-
e0c85e9701fb
SM_V9_4 iris    exon    34362324        34362772        .       +
        .       Parent=Smp_169660.1;Name=f9167977-6a66-4011-99d3-
d1be6a564a82
SM_V9_4 iris    exon    34363274        34363797        .       +
        .       Parent=Smp_169660.1;Name=40e05e12-5f93-4546-
b68a-7db995e49933
SM_V9_4 iris    exon    34365512        34365919        .       +
        .       Parent=Smp_169660.1;Name=8da4332b-f567-416e-a296-
a962ded721bc
SM_V9_4 iris    exon    34369140        34369319        .       +
        .       Parent=Smp_169660.1;Name=96f2548e-88dc-44d3-
bfcf-058c006a0062
SM_V9_4 iris    exon    34372822        34372947        .       +
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        .       Parent=Smp_169660.1;Name=cbddce11-c15d-4428-8ad7-
c787dce4a4fa
SM_V9_4 iris    exon    34374514        34374601        .       +
        .       Parent=Smp_169660.1;Name=eae55081-30e8-4a78-
afd8-7febe3db545e
SM_V9_4 iris    exon    34376814        34377010        .       +
        .       Parent=Smp_169660.1;Name=f4ec8c6a-
db55-4c53-80e2-5b76637544b3
SM_V9_4 iris    exon    34377953        34378054        .       +
        .       Parent=Smp_169660.1;Name=4ae5f48b-e474-4467-b421-
af58d85abdea
SM_V9_4 iris    exon    34380039        34380796        .       +
        .       Parent=Smp_169660.1;Name=f114c570-9cad-4749-a262-
a56c1b1f7992
SM_V9_4 iris    exon    34381745        34381805        .       +
        .       Parent=Smp_169660.1;Name=6536ce3e-81e5-45d9-8090-
d3a52951979e
SM_V9_4 iris    exon    34383699        34383778        .       +
        .       Parent=Smp_169660.1;Name=f4a94323-217e-437a-9233-
ccb7cd7e621a
SM_V9_4 iris    exon    34383835        34384010        .       +
        .       Parent=Smp_169660.1;Name=cffe8d76-bdfb-44f9-95bd-
dbef1b8648a9
SM_V9_4 iris    exon    34385840        34386225        .       +
        .       Parent=Smp_169660.1;Name=b3ebe1d0-
f3dd-4dee-83c8-22b672bf7eb9
SM_V9_4 iris    CDS     34357345        34357418        .       +
        0       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34357453        34357576        .       +
        1       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34357608        34357892        .       +
        0       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34357932        34358168        .       +
        0       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34359053        34359395        .       +
        0       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34361138        34361176        .       +
        2       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34362324        34362772        .       +
        2       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34363274        34363797        .       +
        0       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34365512        34365919        .       +
        1       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34369140        34369319        .       +
        1       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34372822        34372947        .       +
        1       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34374514        34374601        .       +
        1       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34376814        34377010        .       +
        0       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34377953        34378054        .       +
        1       Parent=Smp_169660.1
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SM_V9_4 iris    CDS     34380039        34380796        .       +
        1       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34381745        34381805        .       +
        2       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34383699        34383778        .       +
        1       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34383835        34384010        .       +
        2       Parent=Smp_169660.1
SM_V9_4 iris    CDS     34385840        34385893        .       +
        0       Parent=Smp_169660.1
SM_V9_4 Liftoff gene    34407053        34411413        .       -
        .
ID=Smp_341460;geneID=Smp_341460;previous_systematic_id=Smp_087310
SM_V9_4 Liftoff mRNA    34407053        34411413        .       -
        .
ID=Smp_341460.1;Parent=Smp_341460;geneID=Smp_341460;product=Putative
UPF0496 protein
5;polypeptide_domain=InterPro:IPR011598;Ontology_term=GO:0046983
SM_V9_4 Liftoff exon    34407053        34407583        .       -
        .       Parent=Smp_341460.1
SM_V9_4 Liftoff exon    34409536        34409635        .       -
        .       Parent=Smp_341460.1
SM_V9_4 Liftoff exon    34411122        34411413        .       -
        .       Parent=Smp_341460.1
SM_V9_4 Liftoff CDS     34407321        34407583        .       -
        2       Parent=Smp_341460.1
SM_V9_4 Liftoff CDS     34409536        34409635        .       -
        0       Parent=Smp_341460.1
SM_V9_4 Liftoff CDS     34411122        34411346        .       -
        0       Parent=Smp_341460.1
SM_V9_4 Liftoff gene    34418834        34426781        .       +
        .       ID=Smp_087320;geneID=Smp_087320
SM_V9_4 Liftoff mRNA    34418834        34426781        .       +
        .
ID=Smp_087320.1;Parent=Smp_087320;geneID=Smp_087320;product=mRNA
decay activator protein
ZFP36L1;polypeptide_domain=InterPro:IPR000571
Pfam:PF00642;Ontology_term=GO:0046872
SM_V9_4 Liftoff exon    34418834        34426781        .       +
        .       Parent=Smp_087320.1
SM_V9_4 Liftoff CDS     34425792        34426613        .       +
        0       Parent=Smp_087320.1
SM_V9_4 Liftoff gene    34434452        34439028        .       -
        .       ID=Smp_087330;geneID=Smp_087330
SM_V9_4 Liftoff mRNA    34434452        34439028        .       -
        .
ID=Smp_087330.1;Parent=Smp_087330;geneID=Smp_087330;product=Uncharac
terized protein F58A4.6;polypeptide_domain=InterPro:IPR032072
Pfam:PF16065
SM_V9_4 Liftoff exon    34434452        34434981        .       -
        .       Parent=Smp_087330.1
SM_V9_4 Liftoff exon    34438322        34438467        .       -
        .       Parent=Smp_087330.1
SM_V9_4 Liftoff exon    34438499        34438613        .       -
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        .       Parent=Smp_087330.1
SM_V9_4 Liftoff exon    34438646        34439028        .       -
        .       Parent=Smp_087330.1
SM_V9_4 Liftoff CDS     34434771        34434981        .       -
        1       Parent=Smp_087330.1
SM_V9_4 Liftoff CDS     34438322        34438467        .       -
        0       Parent=Smp_087330.1
SM_V9_4 Liftoff CDS     34438499        34438613        .       -
        1       Parent=Smp_087330.1
SM_V9_4 Liftoff CDS     34438646        34438980        .       -
        0       Parent=Smp_087330.1
SM_V9_4 iris    gene    34446202        34461000        .       +
        .
ID=Smp_087340;geneID=Smp_087340;gene_name=Smp_087340;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34446202        34461000        .       +
        .
ID=Smp_087340.1;Parent=Smp_087340;geneID=Smp_087340;gene_name=Smp_08
7340;owner=irisadmin@local.host;orig_id=Smp_087340.1;date_last_modif
ied=2022-07-23;Name=Smp_087340.1;product=Nucleoporin
GLE1;date_creation=2022-07-23
SM_V9_4 iris    exon    34446202        34446649        .       +
        .       Parent=Smp_087340.1;Name=bc4aaf1f-ef61-4e1b-
a330-8e3d9ed4cd25
SM_V9_4 iris    exon    34448706        34448968        .       +
        .
Parent=Smp_087340.1;Name=54bde566-7c42-46d3-9510-2cc80b9d9f56
SM_V9_4 iris    exon    34449051        34449185        .       +
        .       Parent=Smp_087340.1;Name=914252cf-6a2d-4943-8b3f-
d2e6c2e1ea4e
SM_V9_4 iris    exon    34450291        34450557        .       +
        .       Parent=Smp_087340.1;Name=ca88241e-891f-41e5-85c7-
cfeb488fbee2
SM_V9_4 iris    exon    34453090        34453359        .       +
        .       Parent=Smp_087340.1;Name=e1dad54f-3994-4934-ad24-
dd9a6d284d4f
SM_V9_4 iris    exon    34460686        34461000        .       +
        .       Parent=Smp_087340.1;Name=12127e24-a7cf-4a56-bb47-
a7a1051a523b
SM_V9_4 iris    CDS     34446253        34446649        .       +
        0       Parent=Smp_087340.1
SM_V9_4 iris    CDS     34448706        34448968        .       +
        2       Parent=Smp_087340.1
SM_V9_4 iris    CDS     34449051        34449185        .       +
        0       Parent=Smp_087340.1
SM_V9_4 iris    CDS     34450291        34450557        .       +
        0       Parent=Smp_087340.1
SM_V9_4 iris    CDS     34453090        34453359        .       +
        0       Parent=Smp_087340.1
SM_V9_4 iris    CDS     34460686        34460913        .       +
        0       Parent=Smp_087340.1
SM_V9_4 Liftoff gene    34476124        34487514        .       +
        .       ID=Smp_169670;geneID=Smp_169670
SM_V9_4 Liftoff mRNA    34476124        34487514        .       +
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        .
ID=Smp_169670.1;Parent=Smp_169670;geneID=Smp_169670;product=DNA-
binding death effector domain-containing protein 2
SM_V9_4 Liftoff exon    34476124        34479518        .       +
        .       Parent=Smp_169670.1
SM_V9_4 Liftoff exon    34479556        34479679        .       +
        .       Parent=Smp_169670.1
SM_V9_4 Liftoff exon    34480128        34481073        .       +
        .       Parent=Smp_169670.1
SM_V9_4 Liftoff exon    34484988        34485164        .       +
        .       Parent=Smp_169670.1
SM_V9_4 Liftoff exon    34486453        34487514        .       +
        .       Parent=Smp_169670.1
SM_V9_4 Liftoff CDS     34479143        34479518        .       +
        0       Parent=Smp_169670.1
SM_V9_4 Liftoff CDS     34479556        34479679        .       +
        2       Parent=Smp_169670.1
SM_V9_4 Liftoff CDS     34480128        34481073        .       +
        1       Parent=Smp_169670.1
SM_V9_4 Liftoff CDS     34484988        34485164        .       +
        0       Parent=Smp_169670.1
SM_V9_4 Liftoff CDS     34486453        34487091        .       +
        0       Parent=Smp_169670.1
SM_V9_4 Liftoff gene    34531101        34547870        .       -
        .       ID=Smp_042440;geneID=Smp_042440
SM_V9_4 Liftoff mRNA    34531101        34547870        .       -
        .
ID=Smp_042440.1;Parent=Smp_042440;geneID=Smp_042440;product=Ceramide
synthase
5;polypeptide_domain=InterPro:IPR001356,IPR006634,IPR009057,IPR01643
9
Pfam:PF00046,PF03798;Ontology_term=GO:0003677,GO:0005783,GO:0016021
SM_V9_4 Liftoff exon    34531101        34531650        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34532678        34532834        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34535196        34535302        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34538849        34538977        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34545436        34545528        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34546975        34547025        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34547065        34547122        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34547165        34547271        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34547304        34547430        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff exon    34547467        34547870        .       -
        .       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34531414        34531650        .       -
        0       Parent=Smp_042440.1
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SM_V9_4 Liftoff CDS     34532678        34532834        .       -
        1       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34535196        34535302        .       -
        0       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34538849        34538977        .       -
        0       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34545436        34545528        .       -
        0       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34546975        34547025        .       -
        0       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34547065        34547122        .       -
        1       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34547165        34547271        .       -
        0       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34547304        34547430        .       -
        1       Parent=Smp_042440.1
SM_V9_4 Liftoff CDS     34547467        34547630        .       -
        0       Parent=Smp_042440.1
SM_V9_4 Liftoff gene    34547876        34548578        .       +
        .       ID=Smp_145160;geneID=Smp_145160
SM_V9_4 Liftoff mRNA    34547876        34548578        .       +
        .
ID=Smp_145160.1;Parent=Smp_145160;geneID=Smp_145160;product=Protein-
export protein SecB 1
SM_V9_4 Liftoff exon    34547876        34547988        .       +
        .       Parent=Smp_145160.1
SM_V9_4 Liftoff exon    34548407        34548578        .       +
        .       Parent=Smp_145160.1
SM_V9_4 Liftoff CDS     34547876        34547988        .       +
        0       Parent=Smp_145160.1
SM_V9_4 Liftoff CDS     34548407        34548578        .       +
        1       Parent=Smp_145160.1
SM_V9_4 Liftoff gene    34561205        34566620        .       -
        .       ID=Smp_042430;geneID=Smp_042430
SM_V9_4 Liftoff mRNA    34561205        34566620        .       -
        .
ID=Smp_042430.1;Parent=Smp_042430;geneID=Smp_042430;product=DNA
replication complex GINS protein
SLD5;polypeptide_domain=InterPro:IPR008591,IPR021151
Pfam:PF05916;Ontology_term=GO:0006261
SM_V9_4 Liftoff exon    34561205        34561542        .       -
        .       Parent=Smp_042430.1
SM_V9_4 Liftoff exon    34561582        34561678        .       -
        .       Parent=Smp_042430.1
SM_V9_4 Liftoff exon    34562606        34562694        .       -
        .       Parent=Smp_042430.1
SM_V9_4 Liftoff exon    34562772        34562869        .       -
        .       Parent=Smp_042430.1
SM_V9_4 Liftoff exon    34564473        34564526        .       -
        .       Parent=Smp_042430.1
SM_V9_4 Liftoff exon    34565137        34565283        .       -
        .       Parent=Smp_042430.1
SM_V9_4 Liftoff exon    34566243        34566386        .       -
        .       Parent=Smp_042430.1
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SM_V9_4 Liftoff exon    34566421        34566620        .       -
        .       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34561536        34561542        .       -
        1       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34561582        34561678        .       -
        2       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34562606        34562694        .       -
        1       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34562772        34562869        .       -
        0       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34564473        34564526        .       -
        0       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34565137        34565283        .       -
        0       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34566243        34566386        .       -
        0       Parent=Smp_042430.1
SM_V9_4 Liftoff CDS     34566421        34566465        .       -
        0       Parent=Smp_042430.1
SM_V9_4 Liftoff mRNA    34561205        34566620        .       -
        .
ID=Smp_042430.2;Parent=Smp_042430;geneID=Smp_042430;product=DNA
replication complex GINS protein
SLD5;polypeptide_domain=InterPro:IPR008591,IPR021151
Pfam:PF05916;Ontology_term=GO:0006261
SM_V9_4 Liftoff exon    34561205        34562869        .       -
        .       Parent=Smp_042430.2
SM_V9_4 Liftoff exon    34564473        34564526        .       -
        .       Parent=Smp_042430.2
SM_V9_4 Liftoff exon    34565137        34565283        .       -
        .       Parent=Smp_042430.2
SM_V9_4 Liftoff exon    34566243        34566386        .       -
        .       Parent=Smp_042430.2
SM_V9_4 Liftoff exon    34566421        34566620        .       -
        .       Parent=Smp_042430.2
SM_V9_4 Liftoff CDS     34562768        34562869        .       -
        0       Parent=Smp_042430.2
SM_V9_4 Liftoff CDS     34564473        34564526        .       -
        0       Parent=Smp_042430.2
SM_V9_4 Liftoff CDS     34565137        34565283        .       -
        0       Parent=Smp_042430.2
SM_V9_4 Liftoff CDS     34566243        34566386        .       -
        0       Parent=Smp_042430.2
SM_V9_4 Liftoff CDS     34566421        34566465        .       -
        0       Parent=Smp_042430.2
SM_V9_4 Liftoff gene    34567612        34582020        .       -
        .       ID=Smp_042420;geneID=Smp_042420
SM_V9_4 Liftoff mRNA    34567612        34582020        .       -
        .
ID=Smp_042420.1;Parent=Smp_042420;geneID=Smp_042420;product=Histone
H4 transcription
factor;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:000367
6
SM_V9_4 Liftoff exon    34567612        34568353        .       -
        .       Parent=Smp_042420.1
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SM_V9_4 Liftoff exon    34569261        34569613        .       -
        .       Parent=Smp_042420.1
SM_V9_4 Liftoff exon    34575860        34576241        .       -
        .       Parent=Smp_042420.1
SM_V9_4 Liftoff exon    34577614        34582020        .       -
        .       Parent=Smp_042420.1
SM_V9_4 Liftoff CDS     34567737        34568353        .       -
        2       Parent=Smp_042420.1
SM_V9_4 Liftoff CDS     34569261        34569613        .       -
        1       Parent=Smp_042420.1
SM_V9_4 Liftoff CDS     34575860        34576241        .       -
        2       Parent=Smp_042420.1
SM_V9_4 Liftoff CDS     34577614        34577629        .       -
        0       Parent=Smp_042420.1
SM_V9_4 Liftoff gene    34582164        34602016        .       +
        .
ID=Smp_343780;geneID=Smp_343780;previous_systematic_id=Smp_145150
SM_V9_4 Liftoff mRNA    34582164        34602016        .       +
        .
ID=Smp_343780.1;Parent=Smp_343780;geneID=Smp_343780;product=Protein
FAM47E
SM_V9_4 Liftoff exon    34582164        34582275        .       +
        .       Parent=Smp_343780.1
SM_V9_4 Liftoff exon    34590049        34590237        .       +
        .       Parent=Smp_343780.1
SM_V9_4 Liftoff exon    34592396        34592544        .       +
        .       Parent=Smp_343780.1
SM_V9_4 Liftoff exon    34594124        34594211        .       +
        .       Parent=Smp_343780.1
SM_V9_4 Liftoff exon    34596028        34596321        .       +
        .       Parent=Smp_343780.1
SM_V9_4 Liftoff exon    34598365        34598589        .       +
        .       Parent=Smp_343780.1
SM_V9_4 Liftoff exon    34601755        34602016        .       +
        .       Parent=Smp_343780.1
SM_V9_4 Liftoff CDS     34582189        34582275        .       +
        0       Parent=Smp_343780.1
SM_V9_4 Liftoff CDS     34590049        34590237        .       +
        0       Parent=Smp_343780.1
SM_V9_4 Liftoff CDS     34592396        34592544        .       +
        0       Parent=Smp_343780.1
SM_V9_4 Liftoff CDS     34594124        34594211        .       +
        1       Parent=Smp_343780.1
SM_V9_4 Liftoff CDS     34596028        34596321        .       +
        0       Parent=Smp_343780.1
SM_V9_4 Liftoff CDS     34598365        34598589        .       +
        0       Parent=Smp_343780.1
SM_V9_4 Liftoff CDS     34601755        34601772        .       +
        0       Parent=Smp_343780.1
SM_V9_4 Liftoff gene    34604115        34604920        .       -
        .       ID=Smp_042400;geneID=Smp_042400
SM_V9_4 Liftoff mRNA    34604115        34604920        .       -
        .
ID=Smp_042400.1;Parent=Smp_042400;geneID=Smp_042400;product=Mesencep
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halic astrocyte-derived neurotrophic
factor;polypeptide_domain=InterPro:IPR003034,IPR019345 Pfam:PF10208
SM_V9_4 Liftoff exon    34604115        34604400        .       -
        .       Parent=Smp_042400.1
SM_V9_4 Liftoff exon    34604436        34604577        .       -
        .       Parent=Smp_042400.1
SM_V9_4 Liftoff exon    34604611        34604735        .       -
        .       Parent=Smp_042400.1
SM_V9_4 Liftoff exon    34604770        34604920        .       -
        .       Parent=Smp_042400.1
SM_V9_4 Liftoff CDS     34604207        34604400        .       -
        2       Parent=Smp_042400.1
SM_V9_4 Liftoff CDS     34604436        34604577        .       -
        0       Parent=Smp_042400.1
SM_V9_4 Liftoff CDS     34604611        34604735        .       -
        2       Parent=Smp_042400.1
SM_V9_4 Liftoff CDS     34604770        34604860        .       -
        0       Parent=Smp_042400.1
SM_V9_4 iris    gene    34614404        34617500        .       +
        .
ID=Smp_042390;geneID=Smp_042390;gene_name=Smp_042390;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34614404        34617500        .       +
        .
ID=Smp_042390.1;Parent=Smp_042390;geneID=Smp_042390;gene_name=Smp_04
2390;owner=irisadmin@local.host;orig_id=Smp_042390.1;date_last_modif
ied=2022-07-23;Name=Smp_042390.1;product=Pseudouridine-5'-
phosphatase;date_creation=2022-07-23
SM_V9_4 iris    exon    34614404        34614901        .       +
        .       Parent=Smp_042390.1;Name=b96918e3-e801-4741-b423-
d2f8b3f5493e
SM_V9_4 iris    exon    34616387        34617500        .       +
        .       Parent=Smp_042390.1;Name=f5a8a51b-26a2-415a-a59e-
d143ee64beda
SM_V9_4 iris    CDS     34614476        34614901        .       +
        0       Parent=Smp_042390.1
SM_V9_4 iris    CDS     34616387        34616677        .       +
        0       Parent=Smp_042390.1
SM_V9_4 Liftoff gene    34634555        34691908        .       +
        .       ID=Smp_145140;geneID=Smp_145140
SM_V9_4 Liftoff mRNA    34634555        34691908        .       +
        .
ID=Smp_145140.1;Parent=Smp_145140;geneID=Smp_145140;product=Protein
Wnt-5b;polypeptide_domain=InterPro:IPR005817,IPR018161
Pfam:PF00110;Ontology_term=GO:0005102,GO:0005576,GO:0007275,GO:00160
55
SM_V9_4 Liftoff exon    34634555        34635041        .       +
        .       Parent=Smp_145140.1
SM_V9_4 Liftoff exon    34667163        34667419        .       +
        .       Parent=Smp_145140.1
SM_V9_4 Liftoff exon    34681561        34681853        .       +
        .       Parent=Smp_145140.1
SM_V9_4 Liftoff exon    34682373        34682513        .       +
        .       Parent=Smp_145140.1
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SM_V9_4 Liftoff exon    34690981        34691908        .       +
        .       Parent=Smp_145140.1
SM_V9_4 Liftoff CDS     34634842        34635041        .       +
        0       Parent=Smp_145140.1
SM_V9_4 Liftoff CDS     34667163        34667419        .       +
        1       Parent=Smp_145140.1
SM_V9_4 Liftoff CDS     34681561        34681853        .       +
        2       Parent=Smp_145140.1
SM_V9_4 Liftoff CDS     34682373        34682513        .       +
        0       Parent=Smp_145140.1
SM_V9_4 Liftoff CDS     34690981        34691301        .       +
        0       Parent=Smp_145140.1
SM_V9_4 Liftoff gene    34704715        34746767        .       -
        .
ID=Smp_334330;geneID=Smp_334330;previous_systematic_id=Smp_145130,Sm
p_197830,Smp_243550
SM_V9_4 Liftoff mRNA    34704715        34746767        .       -
        .
ID=Smp_334330.1;Parent=Smp_334330;geneID=Smp_334330;product=Ras
association domain-containing protein
5;polypeptide_domain=InterPro:IPR000159,IPR011524,IPR029071
Pfam:PF00788,PF16517;Ontology_term=GO:0007165
SM_V9_4 Liftoff exon    34704715        34706309        .       -
        .       Parent=Smp_334330.1
SM_V9_4 Liftoff exon    34707453        34707598        .       -
        .       Parent=Smp_334330.1
SM_V9_4 Liftoff exon    34708539        34708645        .       -
        .       Parent=Smp_334330.1
SM_V9_4 Liftoff exon    34711206        34711453        .       -
        .       Parent=Smp_334330.1
SM_V9_4 Liftoff exon    34721786        34723168        .       -
        .       Parent=Smp_334330.1
SM_V9_4 Liftoff exon    34724837        34724889        .       -
        .       Parent=Smp_334330.1
SM_V9_4 Liftoff exon    34744730        34746767        .       -
        .       Parent=Smp_334330.1
SM_V9_4 Liftoff CDS     34705947        34706309        .       -
        0       Parent=Smp_334330.1
SM_V9_4 Liftoff CDS     34707453        34707598        .       -
        2       Parent=Smp_334330.1
SM_V9_4 Liftoff CDS     34708539        34708645        .       -
        1       Parent=Smp_334330.1
SM_V9_4 Liftoff CDS     34711206        34711453        .       -
        0       Parent=Smp_334330.1
SM_V9_4 Liftoff CDS     34721786        34723168        .       -
        0       Parent=Smp_334330.1
SM_V9_4 Liftoff CDS     34724837        34724889        .       -
        2       Parent=Smp_334330.1
SM_V9_4 Liftoff CDS     34744730        34746458        .       -
        0       Parent=Smp_334330.1
SM_V9_4 Liftoff gene    34791566        34851849        .       +
        .       ID=Smp_042340;geneID=Smp_042340
SM_V9_4 Liftoff mRNA    34791566        34851849        .       +
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ID=Smp_042340.1;Parent=Smp_042340;geneID=Smp_042340;product=Catenin
delta-2;polypeptide_domain=InterPro:IPR000225,IPR011989,IPR016024
Pfam:PF00514;Ontology_term=GO:0005488,GO:0005515
SM_V9_4 Liftoff exon    34791566        34795609        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34796714        34796787        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34808120        34809007        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34811851        34812182        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34815493        34815724        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34817183        34817300        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34823130        34823515        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34823833        34824179        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34826522        34826724        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34834319        34834770        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34837172        34837370        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff exon    34850471        34851849        .       +
        .       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34795562        34795609        .       +
        0       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34796714        34796787        .       +
        0       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34808120        34809007        .       +
        1       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34811851        34812182        .       +
        1       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34815493        34815724        .       +
        2       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34817183        34817300        .       +
        1       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34823130        34823515        .       +
        0       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34823833        34824179        .       +
        1       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34826522        34826724        .       +
        2       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34834319        34834770        .       +
        0       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34837172        34837370        .       +
        1       Parent=Smp_042340.1
SM_V9_4 Liftoff CDS     34850471        34850920        .       +
        0       Parent=Smp_042340.1
SM_V9_4 iris    gene    34887600        34966422        .       +
        .
ID=Smp_343770;geneID=Smp_343770;gene_name=Smp_343770;owner=irisadmin
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34887600        34966422        .       +
       .
ID=Smp_343770.1;Parent=Smp_343770;geneID=Smp_343770;gene_name=Smp_34
3770;owner=irisadmin@local.host;orig_id=Smp_343770.1;date_last_modif
ied=2022-07-23;Name=Smp_343770.1;product=Double C2-like domain-
containing protein beta;date_creation=2022-07-23
SM_V9_4 iris    exon    34887600        34888310        .       +
       .       Parent=Smp_343770.1;Name=0c164a2f-90dd-4dd8-9b58-
b313661ac4fd
SM_V9_4 iris    exon    34912613        34912751        .       +
       .       Parent=Smp_343770.1;Name=da2fcaf9-4b9b-46be-
a57e-049fcf76be33
SM_V9_4 iris    exon    34916579        34916591        .       +
       .       Parent=Smp_343770.1;Name=b4657fb4-3a9e-434a-8c39-
e3cd55a1130b
SM_V9_4 iris    exon    34922487        34922616        .       +
       .       Parent=Smp_343770.1;Name=ec156ea9-c065-4bec-a8fa-
e311f19866ac
SM_V9_4 iris    exon    34923813        34924335        .       +
       .
Parent=Smp_343770.1;Name=c54324f5-494f-44d5-9c30-17697a41c407
SM_V9_4 iris    exon    34927001        34927223        .       +
       .       Parent=Smp_343770.1;Name=3c043588-4de0-4fd9-
b101-14aae906a877
SM_V9_4 iris    exon    34933106        34933186        .       +
       .       Parent=Smp_343770.1;Name=64ec42cb-2226-46ab-9582-
aa1b30bf6fca
SM_V9_4 iris    exon    34936869        34937312        .       +
       .       Parent=Smp_343770.1;Name=9b083ca8-a409-4d80-a30e-
e10347abae14
SM_V9_4 iris    exon    34939142        34939221        .       +
       .
Parent=Smp_343770.1;Name=741ea38c-2154-443a-9022-0bed72183228
SM_V9_4 iris    exon    34942988        34943172        .       +
       .       Parent=Smp_343770.1;Name=10a1859f-b377-4178-85bb-
ae02ffce7201
SM_V9_4 iris    exon    34949022        34949145        .       +
       .
Parent=Smp_343770.1;Name=c3c37fdd-995f-43a9-8f67-5506ab24df4b
SM_V9_4 iris    exon    34951480        34951640        .       +
       .       Parent=Smp_343770.1;Name=78a55a8f-
e3d7-4e81-8edb-9caac60e8a4b
SM_V9_4 iris    exon    34957265        34957346        .       +
       .       Parent=Smp_343770.1;Name=161a3150-6fcc-481f-
a255-2061a7068083
SM_V9_4 iris    exon    34964975        34966422        .       +
       .       Parent=Smp_343770.1;Name=313171d8-1736-46a5-a29a-
b3ffa4ef518b
SM_V9_4 iris    CDS     34916588        34916591        .       +
       0       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34922487        34922616        .       +
       2       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34923813        34924335        .       +
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        1       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34927001        34927223        .       +
        0       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34933106        34933186        .       +
        2       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34936869        34937312        .       +
        2       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34939142        34939221        .       +
        2       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34942988        34943172        .       +
        0       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34949022        34949145        .       +
        1       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34951480        34951640        .       +
        0       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34957265        34957346        .       +
        1       Parent=Smp_343770.1
SM_V9_4 iris    CDS     34964975        34965226        .       +
        0       Parent=Smp_343770.1
SM_V9_4 Liftoff gene    34981026        34995150        .       +
        .       ID=Smp_313640;geneID=Smp_313640
SM_V9_4 Liftoff mRNA    34981026        34995150        .       +
        .
ID=Smp_313640.1;Parent=Smp_313640;geneID=Smp_313640;product=Actin-
related protein 8;polypeptide_domain=InterPro:IPR004000 Pfam:PF00022
SM_V9_4 Liftoff exon    34981026        34983982        .       +
        .       Parent=Smp_313640.1
SM_V9_4 Liftoff exon    34985325        34985671        .       +
        .       Parent=Smp_313640.1
SM_V9_4 Liftoff exon    34993017        34993488        .       +
        .       Parent=Smp_313640.1
SM_V9_4 Liftoff exon    34994618        34995150        .       +
        .       Parent=Smp_313640.1
SM_V9_4 Liftoff CDS     34983464        34983982        .       +
        0       Parent=Smp_313640.1
SM_V9_4 Liftoff CDS     34985325        34985671        .       +
        0       Parent=Smp_313640.1
SM_V9_4 Liftoff CDS     34993017        34993488        .       +
        1       Parent=Smp_313640.1
SM_V9_4 Liftoff CDS     34994618        34995118        .       +
        0       Parent=Smp_313640.1
SM_V9_4 Liftoff mRNA    34981026        34995150        .       +
        .
ID=Smp_313640.2;Parent=Smp_313640;geneID=Smp_313640;product=Actin-
related protein 8;polypeptide_domain=InterPro:IPR004000 Pfam:PF00022
SM_V9_4 Liftoff exon    34981026        34983982        .       +
        .       Parent=Smp_313640.2
SM_V9_4 Liftoff exon    34985325        34985671        .       +
        .       Parent=Smp_313640.2
SM_V9_4 Liftoff exon    34993017        34993488        .       +
        .       Parent=Smp_313640.2
SM_V9_4 Liftoff exon    34994618        34995150        .       +
        .       Parent=Smp_313640.2
SM_V9_4 Liftoff CDS     34983893        34983982        .       +
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        0       Parent=Smp_313640.2
SM_V9_4 Liftoff CDS     34985325        34985671        .       +
        0       Parent=Smp_313640.2
SM_V9_4 Liftoff CDS     34993017        34993488        .       +
        1       Parent=Smp_313640.2
SM_V9_4 Liftoff CDS     34994618        34995118        .       +
        0       Parent=Smp_313640.2
SM_V9_4 iris    gene    34997423        35003505        .       -
        .
ID=Smp_042300;geneID=Smp_042300;gene_name=Smp_042300;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    34997423        35003505        .       -
        .
ID=Smp_042300.1;Parent=Smp_042300;geneID=Smp_042300;gene_name=Smp_04
2300;owner=irisadmin@local.host;orig_id=Smp_042300.1;date_last_modif
ied=2022-07-23;Name=Smp_042300.1;product=Transcriptional activator
protein Pur-alpha;date_creation=2022-07-23
SM_V9_4 iris    exon    34997423        34998272        .       -
        .       Parent=Smp_042300.1;Name=5b07dff3-f3ac-4fa2-
b08c-5ff981b57d45
SM_V9_4 iris    exon    34999900        35000352        .       -
        .       Parent=Smp_042300.1;Name=4419a35f-cfb9-4e5d-b6ec-
bbc575ff9ecf
SM_V9_4 iris    exon    35000389        35000479        .       -
        .       Parent=Smp_042300.1;Name=bca81a9d-
e6f2-4c3b-8e92-40be6058a333
SM_V9_4 iris    exon    35003416        35003505        .       -
        .       Parent=Smp_042300.1;Name=2b590d62-ec3e-4101-979e-
b4dad4e877c2
SM_V9_4 iris    CDS     34997956        34998272        .       -
        2       Parent=Smp_042300.1
SM_V9_4 iris    CDS     34999900        35000352        .       -
        2       Parent=Smp_042300.1
SM_V9_4 iris    CDS     35000389        35000422        .       -
        0       Parent=Smp_042300.1
SM_V9_4 iris    gene    35011320        35037103        .       +
        .
ID=Smp_145110;geneID=Smp_145110;gene_name=Smp_145110;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35011320        35037103        .       +
        .
ID=Smp_145110.1;Parent=Smp_145110;geneID=Smp_145110;gene_name=Smp_14
5110;owner=irisadmin@local.host;orig_id=Smp_145110.1;date_last_modif
ied=2022-07-23;Name=Smp_145110.1;product=Sodium-dependent serotonin
transporter;date_creation=2022-07-23
SM_V9_4 iris    exon    35011320        35011657        .       +
        .       Parent=Smp_145110.1;Name=174607d0-7ec2-4fc4-
bebb-0f6d0e6da70d
SM_V9_4 iris    exon    35011693        35011873        .       +
        .       Parent=Smp_145110.1;Name=3f9bbcb0-2425-4eef-b899-
edf4a5c47e0b
SM_V9_4 iris    exon    35011910        35011960        .       +
        .       Parent=Smp_145110.1;Name=29928f08-9866-4765-
a9c5-6fc575d7cdd8
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SM_V9_4 iris    exon    35016338        35016488        .       +
        .       Parent=Smp_145110.1;Name=b35f25fe-d0f4-4d4f-
abba-02b2bcd001b3
SM_V9_4 iris    exon    35020168        35020356        .       +
        .
Parent=Smp_145110.1;Name=18d616d5-562f-433b-8806-9cadffb28fca
SM_V9_4 iris    exon    35023696        35023802        .       +
        .       Parent=Smp_145110.1;Name=b67c5773-2234-4c83-
ae18-280915174959
SM_V9_4 iris    exon    35025347        35025578        .       +
        .       Parent=Smp_145110.1;Name=03d3f3b4-
f5f8-43e3-9786-8d3e7555fcbc
SM_V9_4 iris    exon    35027357        35027509        .       +
        .       Parent=Smp_145110.1;Name=3232240f-e75d-4abd-
b1ab-907490ab3efc
SM_V9_4 iris    exon    35029449        35029545        .       +
        .       Parent=Smp_145110.1;Name=83d24307-4591-4e6e-8fef-
ccb53610885a
SM_V9_4 iris    exon    35032781        35032866        .       +
        .       Parent=Smp_145110.1;Name=56346034-
e22d-404c-9da0-84db3527f9f4
SM_V9_4 iris    exon    35034071        35034283        .       +
        .       Parent=Smp_145110.1;Name=ee6863a6-c4b3-4585-aefb-
ba2ac637d000
SM_V9_4 iris    exon    35036361        35037103        .       +
        .       Parent=Smp_145110.1;Name=6f6d7afd-1ff7-4ebe-a1ab-
ae693ff8e239
SM_V9_4 iris    CDS     35011381        35011657        .       +
        0       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35011693        35011873        .       +
        2       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35011910        35011960        .       +
        1       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35016338        35016488        .       +
        1       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35020168        35020356        .       +
        0       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35023696        35023802        .       +
        0       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35025347        35025578        .       +
        1       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35027357        35027509        .       +
        0       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35029449        35029545        .       +
        0       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35032781        35032866        .       +
        2       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35034071        35034283        .       +
        0       Parent=Smp_145110.1
SM_V9_4 iris    CDS     35036361        35036873        .       +
        0       Parent=Smp_145110.1
SM_V9_4 Liftoff gene    35046446        35049724        .       +
        .       ID=Smp_042280;geneID=Smp_042280
SM_V9_4 Liftoff mRNA    35046446        35049724        .       +
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        .
ID=Smp_042280.1;Parent=Smp_042280;geneID=Smp_042280;product=Protein
UXT;polypeptide_domain=InterPro:IPR003994,IPR004127
Pfam:PF02996;Ontology_term=GO:0000122,GO:0001106
SM_V9_4 Liftoff exon    35046446        35049074        .       +
        .       Parent=Smp_042280.1
SM_V9_4 Liftoff exon    35049111        35049266        .       +
        .       Parent=Smp_042280.1
SM_V9_4 Liftoff exon    35049296        35049467        .       +
        .       Parent=Smp_042280.1
SM_V9_4 Liftoff exon    35049503        35049724        .       +
        .       Parent=Smp_042280.1
SM_V9_4 Liftoff CDS     35049013        35049074        .       +
        0       Parent=Smp_042280.1
SM_V9_4 Liftoff CDS     35049111        35049266        .       +
        1       Parent=Smp_042280.1
SM_V9_4 Liftoff CDS     35049296        35049467        .       +
        1       Parent=Smp_042280.1
SM_V9_4 Liftoff CDS     35049503        35049541        .       +
        0       Parent=Smp_042280.1
SM_V9_4 iris    gene    35050153        35055452        .       -
        .
ID=Smp_042270;geneID=Smp_042270;gene_name=Smp_042270;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35050153        35055452        .       -
        .
ID=Smp_042270.1;Parent=Smp_042270;geneID=Smp_042270;gene_name=Smp_04
2270;owner=irisadmin@local.host;orig_id=Smp_042270.1;date_last_modif
ied=2022-07-23;Name=Smp_042270.1;product=26S protease regulatory
subunit 6A;date_creation=2022-07-23
SM_V9_4 iris    exon    35050153        35050571        .       -
        .
Parent=Smp_042270.1;Name=5ac966ea-91ea-4093-89c1-93273386bd3a
SM_V9_4 iris    exon    35051966        35052047        .       -
        .       Parent=Smp_042270.1;Name=fd49c59e-bfde-4610-
be77-147b6b91628c
SM_V9_4 iris    exon    35052088        35052340        .       -
        .
Parent=Smp_042270.1;Name=fe373518-9b89-49d9-8716-1ff0ad650ff4
SM_V9_4 iris    exon    35054409        35054694        .       -
        .
Parent=Smp_042270.1;Name=61eb7dc1-8289-480e-8d64-7f5085f6b7dd
SM_V9_4 iris    exon    35054729        35055034        .       -
        .       Parent=Smp_042270.1;Name=f663bc92-288a-4b05-a6c0-
f2a8775cd445
SM_V9_4 iris    exon    35055069        35055194        .       -
        .       Parent=Smp_042270.1;Name=3a9e5dce-697d-410a-
b2c6-308fe133a7ad
SM_V9_4 iris    exon    35055229        35055309        .       -
        .       Parent=Smp_042270.1;Name=e2a7e843-9567-4298-80b0-
cf071987b26a
SM_V9_4 iris    exon    35055347        35055452        .       -
        .       Parent=Smp_042270.1;Name=fc8781bf-dac4-419f-a695-
d5656cb4e402
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SM_V9_4 iris    CDS     35050461        35050571        .       -
        0       Parent=Smp_042270.1
SM_V9_4 iris    CDS     35051966        35052047        .       -
        1       Parent=Smp_042270.1
SM_V9_4 iris    CDS     35052088        35052340        .       -
        2       Parent=Smp_042270.1
SM_V9_4 iris    CDS     35054409        35054694        .       -
        0       Parent=Smp_042270.1
SM_V9_4 iris    CDS     35054729        35055034        .       -
        0       Parent=Smp_042270.1
SM_V9_4 iris    CDS     35055069        35055194        .       -
        0       Parent=Smp_042270.1
SM_V9_4 iris    CDS     35055229        35055309        .       -
        0       Parent=Smp_042270.1
SM_V9_4 iris    CDS     35055347        35055388        .       -
        0       Parent=Smp_042270.1
SM_V9_4 Liftoff gene    35069737        35130392        .       -
        .       ID=Smp_145090;geneID=Smp_145090
SM_V9_4 Liftoff mRNA    35069737        35130392        .       -
        .
ID=Smp_145090.1;Parent=Smp_145090;geneID=Smp_145090;product=Serine
incorporator 5;polypeptide_domain=InterPro:IPR005016
Pfam:PF03348;Ontology_term=GO:0016020
SM_V9_4 Liftoff exon    35069737        35070351        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35072426        35072579        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35081151        35081441        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35085056        35085652        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35091430        35091576        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35096292        35096460        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35108774        35108831        .       -
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SM_V9_4 Liftoff exon    35115197        35115521        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35117431        35117520        .       -
        .       Parent=Smp_145090.1
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        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35126552        35126589        .       -
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        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35129581        35129663        .       -
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SM_V9_4 Liftoff exon    35129697        35129878        .       -
        .       Parent=Smp_145090.1
SM_V9_4 Liftoff exon    35129914        35130392        .       -
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SM_V9_4 Liftoff CDS     35115197        35115521        .       -
        2       Parent=Smp_145090.1
SM_V9_4 Liftoff CDS     35117431        35117520        .       -
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SM_V9_4 Liftoff CDS     35124451        35124618        .       -
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SM_V9_4 Liftoff CDS     35126552        35126589        .       -
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SM_V9_4 Liftoff CDS     35129581        35129663        .       -
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SM_V9_4 Liftoff CDS     35129914        35130096        .       -
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SM_V9_4 Liftoff gene    35153368        35207571        .       +
        .
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SM_V9_4 Liftoff mRNA    35153368        35207571        .       +
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protein;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR017907,IP
R027370 Pfam:PF13445
SM_V9_4 Liftoff exon    35153368        35153734        .       +
        .       Parent=Smp_343760.2
SM_V9_4 Liftoff exon    35204323        35207571        .       +
        .       Parent=Smp_343760.2
SM_V9_4 Liftoff CDS     35153672        35153734        .       +
        0       Parent=Smp_343760.2
SM_V9_4 Liftoff CDS     35204323        35206776        .       +
        0       Parent=Smp_343760.2
SM_V9_4 Liftoff mRNA    35189558        35207571        .       +
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protein;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR017907,IP
R027370 Pfam:PF13445
SM_V9_4 Liftoff exon    35189558        35207571        .       +
        .       Parent=Smp_343760.1
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SM_V9_4 Liftoff CDS     35204374        35206776        .       +
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SM_V9_4 iris    exon    35212880        35213241        .       -
        .       Parent=Smp_145070.1;Name=7ed5ad59-0481-4ab2-
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SM_V9_4 iris    exon    35217087        35217626        .       -
        .       Parent=Smp_145070.1;Name=b4db3544-9c28-4592-8916-
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SM_V9_4 iris    exon    35219546        35220088        .       -
        .       Parent=Smp_145070.1;Name=a48eff17-2bc5-4aff-aaaf-
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        .       Parent=Smp_145070.1;Name=71f68353-f6bb-4524-bccf-
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SM_V9_4 iris    exon    35224113        35224222        .       -
        .       Parent=Smp_145070.1;Name=ee48fbed-8d8d-4b93-9f00-
b37cc56e9ad1
SM_V9_4 iris    exon    35226417        35226600        .       -
        .       Parent=Smp_145070.1;Name=793af64f-e654-47a6-a897-
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SM_V9_4 iris    CDS     35211257        35211383        .       -
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SM_V9_4 iris    CDS     35212880        35213241        .       -
        0       Parent=Smp_145070.1
SM_V9_4 iris    CDS     35217087        35217626        .       -
        0       Parent=Smp_145070.1
SM_V9_4 iris    CDS     35219546        35220088        .       -
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SM_V9_4 iris    CDS     35222938        35223512        .       -
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SM_V9_4 iris    CDS     35224113        35224222        .       -
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SM_V9_4 iris    CDS     35226417        35226499        .       -
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SM_V9_4 Liftoff gene    35227478        35239524        .       -
        .
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p_199480,Smp_243260
SM_V9_4 Liftoff mRNA    35227478        35239524        .       -
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ID=Smp_334340.1;Parent=Smp_334340;geneID=Smp_334340;product=Adenosin
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Pfam:PF02661;Ontology_term=GO:0005515
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        .       Parent=Smp_334340.1
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        .       Parent=Smp_334340.1
SM_V9_4 Liftoff exon    35238731        35239103        .       -
        .       Parent=Smp_334340.1
SM_V9_4 Liftoff exon    35239138        35239524        .       -
        .       Parent=Smp_334340.1
SM_V9_4 Liftoff CDS     35228092        35228417        .       -
        2       Parent=Smp_334340.1
SM_V9_4 Liftoff CDS     35230957        35231272        .       -
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SM_V9_4 Liftoff CDS     35233025        35233177        .       -
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SM_V9_4 Liftoff CDS     35234902        35235109        .       -
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SM_V9_4 Liftoff CDS     35238731        35239103        .       -
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SM_V9_4 Liftoff CDS     35239138        35239165        .       -
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        .
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acyltransferase 3;date_creation=2022-07-23
SM_V9_4 iris    exon    35259990        35261012        .       -
        .       Parent=Smp_214350.1;Name=42eadcaf-eb76-499b-
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SM_V9_4 iris    exon    35268915        35269123        .       -
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        .       Parent=Smp_214350.1;Name=c3bebf99-82b8-4584-9f0e-
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SM_V9_4 iris    exon    35278934        35279027        .       -
        .       Parent=Smp_214350.1;Name=da7583fc-f21c-482e-
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SM_V9_4 iris    exon    35280650        35280739        .       -
        .
Parent=Smp_214350.1;Name=de83c293-3a76-4def-93a5-28e14bf5be0e
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        .       Parent=Smp_214350.1;Name=6b202086-3348-4fe4-ab18-
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f0f6ae155eb8
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SM_V9_4 iris    exon    35281115        35281242        .       -
        .       Parent=Smp_214350.1;Name=62ea3f92-5145-4b47-9e26-
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        .       Parent=Smp_214350.1;Name=0e531bda-
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SM_V9_4 iris    exon    35281396        35281604        .       -
        .       Parent=Smp_214350.1;Name=dad69f1b-
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SM_V9_4 iris    CDS     35260904        35261012        .       -
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SM_V9_4 iris    CDS     35280650        35280739        .       -
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SM_V9_4 iris    CDS     35280772        35280846        .       -
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SM_V9_4 iris    CDS     35280989        35281083        .       -
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SM_V9_4 iris    CDS     35281278        35281359        .       -
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SM_V9_4 iris    mRNA    35297288        35323707        .       -
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22-07-23
SM_V9_4 iris    exon    35297288        35297975        .       -
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SM_V9_4 iris    exon    35298647        35298808        .       -
        .       Parent=Smp_242350.1;Name=e7c4b9a2-2588-428e-
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SM_V9_4 iris    exon    35302613        35302730        .       -
        .       Parent=Smp_242350.1;Name=703bdb14-554d-4653-
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SM_V9_4 iris    exon    35304468        35304581        .       -
        .       Parent=Smp_242350.1;Name=84468748-a08f-4aa7-
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SM_V9_4 iris    exon    35308244        35308413        .       -
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SM_V9_4 iris    exon    35309913        35310136        .       -
        .
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SM_V9_4 iris    exon    35310923        35311119        .       -
        .
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SM_V9_4 iris    exon    35317448        35317497        .       -
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SM_V9_4 iris    exon    35318698        35318824        .       -
        .       Parent=Smp_242350.1;Name=80bfeef2-6b8e-404c-81e0-
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SM_V9_4 iris    exon    35321696        35321778        .       -
        .       Parent=Smp_242350.1;Name=700e7d3a-
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SM_V9_4 iris    exon    35321827        35321929        .       -
        .       Parent=Smp_242350.1;Name=acdb2990-dc23-4385-9f79-
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SM_V9_4 iris    exon    35321973        35322031        .       -
        .       Parent=Smp_242350.1;Name=ab287a4f-
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SM_V9_4 iris    exon    35322775        35322830        .       -
        .       Parent=Smp_242350.1;Name=af4a5202-959d-4689-
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SM_V9_4 iris    exon    35322865        35322969        .       -
        .       Parent=Smp_242350.1;Name=e5a5b02a-e055-4501-a32e-
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SM_V9_4 iris    CDS     35297642        35297975        .       -
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SM_V9_4 iris    CDS     35300962        35301066        .       -
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SM_V9_4 iris    CDS     35304468        35304581        .       -
        2       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35308244        35308413        .       -
        1       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35309913        35310136        .       -
        0       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35310923        35311119        .       -
        2       Parent=Smp_242350.1
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        0       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35313820        35313920        .       -
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SM_V9_4 iris    CDS     35314334        35314568        .       -
        0       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35317448        35317497        .       -
        2       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35318698        35318824        .       -
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SM_V9_4 iris    CDS     35321696        35321778        .       -
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SM_V9_4 iris    CDS     35321827        35321929        .       -
        0       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35321973        35322031        .       -
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SM_V9_4 iris    CDS     35322775        35322830        .       -
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SM_V9_4 iris    CDS     35323225        35323334        .       -
        2       Parent=Smp_242350.1
SM_V9_4 iris    CDS     35323367        35323490        .       -
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SM_V9_4 iris    gene    35331658        35339762        .       +
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e053e675a77c
SM_V9_4 iris    exon    35335955        35336338        .       +
        .       Parent=Smp_042210.1;Name=bdc2e3e7-093d-4fc0-
a561-82eb783b2539
SM_V9_4 iris    exon    35337145        35337253        .       +
        .       Parent=Smp_042210.1;Name=0a8581ca-
a186-4052-95f2-07b5e5938943
SM_V9_4 iris    exon    35338039        35338134        .       +
        .       Parent=Smp_042210.1;Name=6e71cc2b-9202-483e-b9db-
cbe5a664c0f7
SM_V9_4 iris    exon    35339362        35339762        .       +
        .       Parent=Smp_042210.1;Name=fd9655c1-20f0-4d53-bce5-
bfd6db5eb6b5
SM_V9_4 iris    CDS     35334151        35334321        .       +
        0       Parent=Smp_042210.1
SM_V9_4 iris    CDS     35334358        35334433        .       +
        0       Parent=Smp_042210.1
SM_V9_4 iris    CDS     35334479        35334807        .       +
        2       Parent=Smp_042210.1
SM_V9_4 iris    CDS     35335955        35336338        .       +
        0       Parent=Smp_042210.1
SM_V9_4 iris    CDS     35337145        35337253        .       +
        0       Parent=Smp_042210.1
SM_V9_4 iris    CDS     35338039        35338134        .       +
        2       Parent=Smp_042210.1
SM_V9_4 iris    CDS     35339362        35339663        .       +
        2       Parent=Smp_042210.1
SM_V9_4 iris    gene    35343824        35371204        .       -
        .
ID=Smp_213070;geneID=Smp_213070;gene_name=Smp_213070;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    35343824        35371204        .       -
        .
ID=Smp_213070.1;Parent=Smp_213070;geneID=Smp_213070;gene_name=Smp_21
3070;owner=irisadmin@local.host;orig_id=Smp_213070.1;date_last_modif
ied=2022-08-24;Name=Smp_213070.1;product=Putative tRNA pseudouridine
synthase Pus10;date_creation=2022-08-24
SM_V9_4 iris    exon    35343824        35344178        .       -
        .       Parent=Smp_213070.1;Name=4322fdd9-037b-4868-8dcf-
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a44abd7d6f24
SM_V9_4 iris    exon    35344962        35345327        .       -
        .       Parent=Smp_213070.1;Name=347d0789-ece4-4365-
a11e-35002268e614
SM_V9_4 iris    exon    35346948        35347143        .       -
        .       Parent=Smp_213070.1;Name=e4eba90e-ab13-488b-9f30-
ef3c82e2578b
SM_V9_4 iris    exon    35349326        35349574        .       -
        .       Parent=Smp_213070.1;Name=6185b23f-e34d-4031-
b8f0-450ae981bd06
SM_V9_4 iris    exon    35351795        35352303        .       -
        .       Parent=Smp_213070.1;Name=8813a329-9347-4555-aff3-
deca96b597d8
SM_V9_4 iris    exon    35353465        35353695        .       -
        .       Parent=Smp_213070.1;Name=5e354e49-ad9f-4e1e-
a323-9ae2e048a2c2
SM_V9_4 iris    exon    35357637        35357966        .       -
        .       Parent=Smp_213070.1;Name=3021077f-e3a9-4a19-
b907-9b4cf2813aef
SM_V9_4 iris    exon    35366445        35367557        .       -
        .
Parent=Smp_213070.1;Name=dbee2f55-8bca-4d12-9983-3968739f68c2
SM_V9_4 iris    exon    35370689        35371204        .       -
        .       Parent=Smp_213070.1;Name=81a7c2ea-fce0-479c-9e99-
f83bcf4184f6
SM_V9_4 iris    CDS     35343948        35344178        .       -
        0       Parent=Smp_213070.1
SM_V9_4 iris    CDS     35344962        35345327        .       -
        0       Parent=Smp_213070.1
SM_V9_4 iris    CDS     35346948        35347143        .       -
        1       Parent=Smp_213070.1
SM_V9_4 iris    CDS     35349326        35349574        .       -
        1       Parent=Smp_213070.1
SM_V9_4 iris    CDS     35351795        35352303        .       -
        0       Parent=Smp_213070.1
SM_V9_4 iris    CDS     35353465        35353695        .       -
        0       Parent=Smp_213070.1
SM_V9_4 iris    CDS     35357637        35357963        .       -
        0       Parent=Smp_213070.1
SM_V9_4 iris    gene    35365785        35371204        .       -
        .
ID=Smp_213060;geneID=Smp_213060;gene_name=Smp_213060;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    35365785        35371204        .       -
        .
ID=Smp_213060.1;Parent=Smp_213060;geneID=Smp_213060;gene_name=Smp_21
3060;owner=irisadmin@local.host;date_last_modified=2022-08-24;Name=S
mp_213060.1;date_creation=2022-08-24
SM_V9_4 iris    exon    35365785        35367125        .       -
        .       Parent=Smp_213060.1;Name=Smp_213060.1-CDS
SM_V9_4 iris    exon    35370689        35371204        .       -
        .       Parent=Smp_213060.1;Name=a366844e-913c-4a10-
b664-495d27c10f4b
SM_V9_4 iris    CDS     35366416        35367125        .       -
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        2       Parent=Smp_213060.1
SM_V9_4 iris    CDS     35370689        35371091        .       -
        0       Parent=Smp_213060.1
SM_V9_4 Liftoff gene    35382990        35401964        .       -
        .       ID=Smp_145040;geneID=Smp_145040
SM_V9_4 Liftoff mRNA    35382990        35401964        .       -
        .
ID=Smp_145040.1;Parent=Smp_145040;geneID=Smp_145040;product=Major
facilitator superfamily domain-containing protein
6;polypeptide_domain=InterPro:IPR020846,IPR024989 Pfam:PF12832
SM_V9_4 Liftoff exon    35382990        35384017        .       -
        .       Parent=Smp_145040.1
SM_V9_4 Liftoff exon    35385460        35385633        .       -
        .       Parent=Smp_145040.1
SM_V9_4 Liftoff exon    35386294        35386455        .       -
        .       Parent=Smp_145040.1
SM_V9_4 Liftoff exon    35388343        35388450        .       -
        .       Parent=Smp_145040.1
SM_V9_4 Liftoff exon    35395458        35395686        .       -
        .       Parent=Smp_145040.1
SM_V9_4 Liftoff exon    35398996        35401964        .       -
        .       Parent=Smp_145040.1
SM_V9_4 Liftoff CDS     35383935        35384017        .       -
        2       Parent=Smp_145040.1
SM_V9_4 Liftoff CDS     35385460        35385633        .       -
        2       Parent=Smp_145040.1
SM_V9_4 Liftoff CDS     35386294        35386455        .       -
        2       Parent=Smp_145040.1
SM_V9_4 Liftoff CDS     35388343        35388450        .       -
        2       Parent=Smp_145040.1
SM_V9_4 Liftoff CDS     35395458        35395686        .       -
        0       Parent=Smp_145040.1
SM_V9_4 Liftoff CDS     35398996        35400429        .       -
        0       Parent=Smp_145040.1
SM_V9_4 iris    gene    35412698        35483369        .       +
        .
ID=Smp_247530;geneID=Smp_247530;gene_name=Smp_247530;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35412698        35466584        .       +
        .
ID=Smp_247530.2;Parent=Smp_247530;geneID=Smp_247530;gene_name=Smp_24
7530;owner=irisadmin@local.host;orig_id=Smp_247530.2;date_last_modif
ied=2022-07-23;Name=Smp_247530.2;product=Deleted in lung and
esophageal cancer protein 1;date_creation=2022-07-23
SM_V9_4 iris    exon    35412698        35413022        .       +
        .       Parent=Smp_247530.2;Name=833884bb-f59e-412a-855d-
fa2ec934ba53
SM_V9_4 iris    exon    35413057        35413210        .       +
        .       Parent=Smp_247530.2;Name=febedeb8-3586-4593-a294-
f51d4fe3a3ef
SM_V9_4 iris    exon    35413243        35413314        .       +
        .
Parent=Smp_247530.2;Name=4f5c28cb-5982-42cd-84a8-82f177be1ca9
SM_V9_4 iris    exon    35415191        35415336        .       +
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        .       Parent=Smp_247530.2;Name=59f80584-ea1b-4bd7-add1-
d572d7539124
SM_V9_4 iris    exon    35416699        35416839        .       +
        .       Parent=Smp_247530.2;Name=55808b87-374c-4785-adcf-
d5bbcc8b7e05
SM_V9_4 iris    exon    35416882        35416969        .       +
        .       Parent=Smp_247530.2;Name=c8b613a7-9e18-4dda-8181-
b99d0404fede
SM_V9_4 iris    exon    35419674        35419853        .       +
        .       Parent=Smp_247530.2;Name=71bd1225-5c1f-4953-848d-
b75b63f741f5
SM_V9_4 iris    exon    35422014        35422177        .       +
        .       Parent=Smp_247530.2;Name=354f62cf-21c6-422b-
bc24-4d52b21c1d66
SM_V9_4 iris    exon    35424060        35424261        .       +
        .
Parent=Smp_247530.2;Name=548d5967-4367-4aa0-8111-2159f20df09d
SM_V9_4 iris    exon    35426832        35427021        .       +
        .       Parent=Smp_247530.2;Name=23265528-fba4-4db1-9159-
be12e2cbde56
SM_V9_4 iris    exon    35430381        35430636        .       +
        .       Parent=Smp_247530.2;Name=7e4e8161-e611-4245-9fd8-
d73702b34654
SM_V9_4 iris    exon    35432395        35432601        .       +
        .       Parent=Smp_247530.2;Name=c68f36d4-
ee20-40f7-9e6b-35fb1cc0f21f
SM_V9_4 iris    exon    35433970        35434311        .       +
        .       Parent=Smp_247530.2;Name=81f46d19-09cf-4527-b261-
e9b739590107
SM_V9_4 iris    exon    35436451        35436594        .       +
        .       Parent=Smp_247530.2;Name=a4fc0bbd-6f8b-43d3-8d88-
dbe7ecc12c41
SM_V9_4 iris    exon    35438806        35438951        .       +
        .       Parent=Smp_247530.2;Name=804839bd-
eef9-4933-88bc-0450a7179003
SM_V9_4 iris    exon    35441130        35441283        .       +
        .       Parent=Smp_247530.2;Name=551ee90e-7b60-4483-8486-
c96a4f2240d6
SM_V9_4 iris    exon    35441906        35442016        .       +
        .       Parent=Smp_247530.2;Name=3d04de2a-
bb63-4659-8b27-49660e81ec10
SM_V9_4 iris    exon    35442582        35442703        .       +
        .       Parent=Smp_247530.2;Name=f12f6775-97f7-49a4-
a986-0ed22a9a31b8
SM_V9_4 iris    exon    35443240        35443589        .       +
        .       Parent=Smp_247530.2;Name=3b034b66-b175-4175-
b394-0506111d91d2
SM_V9_4 iris    exon    35448209        35448736        .       +
        .       Parent=Smp_247530.2;Name=10f66e4e-1e5a-4196-
b6f0-48ec4b1869a8
SM_V9_4 iris    exon    35450694        35450855        .       +
        .       Parent=Smp_247530.2;Name=071c1fba-239b-4fb3-
a276-277b7d0e075f
SM_V9_4 iris    exon    35462014        35462380        .       +
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        .       Parent=Smp_247530.2;Name=c069bd80-
beec-479c-88bd-525d9b219782
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        .       Parent=Smp_247530.2;Name=21275406-
f282-43d6-8931-8a3a5144d797
SM_V9_4 iris    CDS     35412801        35413022        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35413057        35413210        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35413243        35413314        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35415191        35415336        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35416699        35416839        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35416882        35416969        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35419674        35419853        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35422014        35422177        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35424060        35424261        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35426832        35427021        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35430381        35430636        .       +
        1       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35432395        35432601        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35433970        35434311        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35436451        35436594        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35438806        35438951        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35441130        35441283        .       +
        1       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35441906        35442016        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35442582        35442703        .       +
        0       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35443240        35443589        .       +
        1       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35448209        35448736        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35450694        35450855        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35462014        35462380        .       +
        2       Parent=Smp_247530.2
SM_V9_4 iris    CDS     35465245        35465812        .       +
        1       Parent=Smp_247530.2
SM_V9_4 iris    mRNA    35412698        35483369        .       +
        .
ID=Smp_247530.1;Parent=Smp_247530;geneID=Smp_247530;gene_name=Smp_24
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7530;owner=irisadmin@local.host;orig_id=Smp_247530.1;date_last_modif
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esophageal cancer protein 1;date_creation=2022-07-23
SM_V9_4 iris    exon    35412698        35413022        .       +
        .       Parent=Smp_247530.1;Name=568f50f1-711c-4097-b791-
acf730cb044d
SM_V9_4 iris    exon    35413057        35413210        .       +
        .       Parent=Smp_247530.1;Name=4e386454-d1b3-4f3d-90ed-
a45b37ff223b
SM_V9_4 iris    exon    35413243        35413314        .       +
        .       Parent=Smp_247530.1;Name=23e7bb7e-82d7-4ac7-
b1d9-2170df612910
SM_V9_4 iris    exon    35415191        35415336        .       +
        .       Parent=Smp_247530.1;Name=9f788bbc-d638-474a-bc0a-
eca013a3262f
SM_V9_4 iris    exon    35416699        35416839        .       +
        .       Parent=Smp_247530.1;Name=bf220383-eb8f-4432-b2b0-
ccfcae58e4b4
SM_V9_4 iris    exon    35416882        35416969        .       +
        .       Parent=Smp_247530.1;Name=7f1fd98b-2c10-49d0-a89d-
fc85774e8980
SM_V9_4 iris    exon    35419674        35419853        .       +
        .       Parent=Smp_247530.1;Name=f7631069-f034-493b-8c56-
f692da740996
SM_V9_4 iris    exon    35422014        35422177        .       +
        .       Parent=Smp_247530.1;Name=39772c02-59a8-419a-8520-
e2a947ed6253
SM_V9_4 iris    exon    35424060        35424261        .       +
        .
Parent=Smp_247530.1;Name=e7dabb01-0896-4483-9acf-5ebd22a7919c
SM_V9_4 iris    exon    35426832        35427021        .       +
        .
Parent=Smp_247530.1;Name=a013c7a8-940b-4192-9d25-358c80bd09eb
SM_V9_4 iris    exon    35430381        35430636        .       +
        .       Parent=Smp_247530.1;Name=c6fcc454-3fe7-476c-b24a-
c323c99bbf21
SM_V9_4 iris    exon    35432395        35432601        .       +
        .       Parent=Smp_247530.1;Name=0a698235-5eb4-490f-
b886-44cb91f30deb
SM_V9_4 iris    exon    35433970        35434311        .       +
        .       Parent=Smp_247530.1;Name=d6122687-
ba35-4810-8f0e-9ce1f44fd5fa
SM_V9_4 iris    exon    35436451        35436594        .       +
        .       Parent=Smp_247530.1;Name=dff00de2-309c-4465-
b378-5067704d6369
SM_V9_4 iris    exon    35438806        35438951        .       +
        .       Parent=Smp_247530.1;Name=4f8fcfee-471f-424d-ba7a-
d95cad68f804
SM_V9_4 iris    exon    35441130        35441283        .       +
        .       Parent=Smp_247530.1;Name=c5143ec5-c718-4078-ad03-
b46ecb6c5d44
SM_V9_4 iris    exon    35441906        35442016        .       +
        .       Parent=Smp_247530.1;Name=eda4989d-b520-4732-a6bd-
cc9cc6dd1677
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SM_V9_4 iris    exon    35442582        35442703        .       +
        .       Parent=Smp_247530.1;Name=9fc668a1-2fa0-40bc-
a476-65a62dd51b3f
SM_V9_4 iris    exon    35443240        35443589        .       +
        .       Parent=Smp_247530.1;Name=6c79b667-dca1-42ce-975e-
f11db6e729b1
SM_V9_4 iris    exon    35448209        35448736        .       +
        .       Parent=Smp_247530.1;Name=9a30f7fa-4b58-4d91-8ebc-
e2a5f4690c36
SM_V9_4 iris    exon    35450694        35450855        .       +
        .       Parent=Smp_247530.1;Name=3eab485a-cbe2-4810-a541-
d842ff2ed0e1
SM_V9_4 iris    exon    35462014        35462380        .       +
        .       Parent=Smp_247530.1;Name=5bd49043-ae14-4261-9d15-
fb1ea7748116
SM_V9_4 iris    exon    35465245        35465788        .       +
        .       Parent=Smp_247530.1;Name=bde7ace7-
a7a8-47da-9d22-8dc9bfbb98d7
SM_V9_4 iris    exon    35470762        35470848        .       +
        .       Parent=Smp_247530.1;Name=6b74fb8e-
c7da-4356-876d-75e64169d00f
SM_V9_4 iris    exon    35474342        35474612        .       +
        .       Parent=Smp_247530.1;Name=7d43cadb-
b479-47b9-87ff-50b5a0b79bb7
SM_V9_4 iris    exon    35481861        35481993        .       +
        .       Parent=Smp_247530.1;Name=92afd915-d733-470d-b909-
ee6b07a42478
SM_V9_4 iris    exon    35483046        35483369        .       +
        .       Parent=Smp_247530.1;Name=66477e93-20e0-4582-
a4a2-2c492a74462b
SM_V9_4 iris    CDS     35412801        35413022        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35413057        35413210        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35413243        35413314        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35415191        35415336        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35416699        35416839        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35416882        35416969        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35419674        35419853        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35422014        35422177        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35424060        35424261        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35426832        35427021        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35430381        35430636        .       +
        1       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35432395        35432601        .       +
        0       Parent=Smp_247530.1
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SM_V9_4 iris    CDS     35433970        35434311        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35436451        35436594        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35438806        35438951        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35441130        35441283        .       +
        1       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35441906        35442016        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35442582        35442703        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35443240        35443589        .       +
        1       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35448209        35448736        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35450694        35450855        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35462014        35462380        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35465245        35465788        .       +
        1       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35470762        35470848        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35474342        35474612        .       +
        0       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35481861        35481993        .       +
        2       Parent=Smp_247530.1
SM_V9_4 iris    CDS     35483046        35483163        .       +
        1       Parent=Smp_247530.1
SM_V9_4 Liftoff gene    35487966        35492197        .       -
        .       ID=Smp_042160;geneID=Smp_042160
SM_V9_4 Liftoff mRNA    35487966        35492197        .       -
        .
ID=Smp_042160.1;Parent=Smp_042160;geneID=Smp_042160;product=fructose
-bisphosphate aldolase;evidence=Traceable Author
Statement;literature=PMID:9794637;polypeptide_domain=InterPro:IPR000
741,IPR013785,IPR029768
Pfam:PF00274;Ontology_term=GO:0003824,GO:0004332,GO:0006096
SM_V9_4 Liftoff exon    35487966        35488319        .       -
        .       Parent=Smp_042160.1
SM_V9_4 Liftoff exon    35488864        35489063        .       -
        .       Parent=Smp_042160.1
SM_V9_4 Liftoff exon    35489152        35489410        .       -
        .       Parent=Smp_042160.1
SM_V9_4 Liftoff exon    35491467        35491894        .       -
        .       Parent=Smp_042160.1
SM_V9_4 Liftoff exon    35491935        35492197        .       -
        .       Parent=Smp_042160.1
SM_V9_4 Liftoff CDS     35488227        35488319        .       -
        0       Parent=Smp_042160.1
SM_V9_4 Liftoff CDS     35488864        35489063        .       -
        2       Parent=Smp_042160.1
SM_V9_4 Liftoff CDS     35489152        35489410        .       -
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        0       Parent=Smp_042160.1
SM_V9_4 Liftoff CDS     35491467        35491894        .       -
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SM_V9_4 Liftoff CDS     35491935        35492046        .       -
        0       Parent=Smp_042160.1
SM_V9_4 Liftoff gene    35510638        35525294        .       +
        .       ID=Smp_042150;geneID=Smp_042150
SM_V9_4 Liftoff mRNA    35510638        35525294        .       +
        .
ID=Smp_042150.1;Parent=Smp_042150;geneID=Smp_042150;product=tegument
-allergen-like protein (TAL13);evidence=Inferred from
Experiment;literature=PMID:22509417;polypeptide_domain=InterPro:IPR0
01372,IPR011992 Pfam:PF01221;Ontology_term=GO:0007017,GO:0030286
SM_V9_4 Liftoff exon    35510638        35510853        .       +
        .       Parent=Smp_042150.1
SM_V9_4 Liftoff exon    35521152        35521219        .       +
        .       Parent=Smp_042150.1
SM_V9_4 Liftoff exon    35521468        35521556        .       +
        .       Parent=Smp_042150.1
SM_V9_4 Liftoff exon    35521612        35521744        .       +
        .       Parent=Smp_042150.1
SM_V9_4 Liftoff exon    35524751        35525294        .       +
        .       Parent=Smp_042150.1
SM_V9_4 Liftoff CDS     35510787        35510853        .       +
        0       Parent=Smp_042150.1
SM_V9_4 Liftoff CDS     35521152        35521219        .       +
        2       Parent=Smp_042150.1
SM_V9_4 Liftoff CDS     35521468        35521556        .       +
        0       Parent=Smp_042150.1
SM_V9_4 Liftoff CDS     35521612        35521744        .       +
        1       Parent=Smp_042150.1
SM_V9_4 Liftoff CDS     35524751        35524924        .       +
        0       Parent=Smp_042150.1
SM_V9_4 Liftoff gene    35539488        35577252        .       +
        .       ID=Smp_042140;geneID=Smp_042140
SM_V9_4 Liftoff mRNA    35539488        35577252        .       +
        .
ID=Smp_042140.1;Parent=Smp_042140;geneID=Smp_042140;product=tegument
-allergen-like protein (TAL7);evidence=Inferred from Experiment
PUBMED:22509417;polypeptide_domain=InterPro:IPR001372,IPR002048,IPR0
11992 Pfam:PF01221;Ontology_term=GO:0005509,GO:0007017,GO:0030286
SM_V9_4 Liftoff exon    35539488        35539671        .       +
        .       Parent=Smp_042140.1
SM_V9_4 Liftoff exon    35541080        35541147        .       +
        .       Parent=Smp_042140.1
SM_V9_4 Liftoff exon    35555473        35555561        .       +
        .       Parent=Smp_042140.1
SM_V9_4 Liftoff exon    35561384        35561516        .       +
        .       Parent=Smp_042140.1
SM_V9_4 Liftoff exon    35568176        35568304        .       +
        .       Parent=Smp_042140.1
SM_V9_4 Liftoff exon    35576700        35577252        .       +
        .       Parent=Smp_042140.1
SM_V9_4 Liftoff CDS     35539623        35539671        .       +
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        0       Parent=Smp_042140.1
SM_V9_4 Liftoff CDS     35541080        35541147        .       +
        2       Parent=Smp_042140.1
SM_V9_4 Liftoff CDS     35555473        35555561        .       +
        0       Parent=Smp_042140.1
SM_V9_4 Liftoff CDS     35561384        35561516        .       +
        1       Parent=Smp_042140.1
SM_V9_4 Liftoff CDS     35568176        35568304        .       +
        0       Parent=Smp_042140.1
SM_V9_4 Liftoff CDS     35576700        35576870        .       +
        0       Parent=Smp_042140.1
SM_V9_4 iris    gene    35582477        35613303        .       -
        .
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35582477        35613303        .       -
        .
ID=Smp_145020.1;Parent=Smp_145020;geneID=Smp_145020;gene_name=Smp_14
5020;owner=irisadmin@local.host;orig_id=Smp_145020.1;date_last_modif
ied=2022-07-23;Name=Smp_145020.1;product=Delta-1-pyrroline-5-
carboxylate synthase;date_creation=2022-07-23
SM_V9_4 iris    exon    35582477        35582783        .       -
        .       Parent=Smp_145020.1;Name=bbc31527-6767-4a31-9325-
f53b63082e48
SM_V9_4 iris    exon    35584420        35584515        .       -
        .
Parent=Smp_145020.1;Name=2d3ceed5-610d-48fb-8b0d-19389fa57045
SM_V9_4 iris    exon    35590344        35590539        .       -
        .       Parent=Smp_145020.1;Name=cd3abb4a-6b23-468c-
b8f1-1bcbae9ba067
SM_V9_4 iris    exon    35590851        35590972        .       -
        .       Parent=Smp_145020.1;Name=9714be21-b2e1-4e0d-994b-
f2042370b3a1
SM_V9_4 iris    exon    35593454        35593811        .       -
        .       Parent=Smp_145020.1;Name=02ca0ed6-9abb-48cd-
be24-81f93233f9a4
SM_V9_4 iris    exon    35597951        35598177        .       -
        .       Parent=Smp_145020.1;Name=650e5b69-d9b4-452a-
b86d-9fb60b9074fc
SM_V9_4 iris    exon    35600478        35600621        .       -
        .
Parent=Smp_145020.1;Name=98ea680f-70a2-4466-9877-91f8c8d79cd2
SM_V9_4 iris    exon    35603135        35603294        .       -
        .
Parent=Smp_145020.1;Name=d3c182a6-7747-419f-8cd6-8a87df6c088f
SM_V9_4 iris    exon    35605137        35605430        .       -
        .       Parent=Smp_145020.1;Name=d98bf293-3805-49e8-
af28-0b18388fccb6
SM_V9_4 iris    exon    35606177        35606332        .       -
        .       Parent=Smp_145020.1;Name=65cf118b-8c20-4e4f-
b5dc-4276aa22f74d
SM_V9_4 iris    exon    35607119        35607286        .       -
        .
Parent=Smp_145020.1;Name=60df0b8b-2437-4b2d-83f4-8a6d75ff0707
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SM_V9_4 iris    exon    35612908        35613145        .       -
        .       Parent=Smp_145020.1;Name=130de7de-a6bd-4264-9d57-
c61b37466c79
SM_V9_4 iris    exon    35613201        35613303        .       -
        .
Parent=Smp_145020.1;Name=c7852ef9-3e5f-44cf-931b-589a0324edbe
SM_V9_4 iris    CDS     35582620        35582783        .       -
        2       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35584420        35584515        .       -
        2       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35590344        35590539        .       -
        0       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35590851        35590972        .       -
        2       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35593454        35593811        .       -
        0       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35597951        35598177        .       -
        2       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35600478        35600621        .       -
        2       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35603135        35603294        .       -
        0       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35605137        35605430        .       -
        0       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35606177        35606332        .       -
        0       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35607119        35607286        .       -
        0       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35612908        35613145        .       -
        1       Parent=Smp_145020.1
SM_V9_4 iris    CDS     35613201        35613229        .       -
        0       Parent=Smp_145020.1
SM_V9_4 Liftoff gene    35662857        35682894        .       +
        .       ID=Smp_042120;geneID=Smp_042120
SM_V9_4 Liftoff mRNA    35662857        35682894        .       +
        .
ID=Smp_042120.1;Parent=Smp_042120;geneID=Smp_042120;product=npp-1;ev
idence=Traceable Author Statement;literature=PMID:19606141
SM_V9_4 Liftoff exon    35662857        35682894        .       +
        .       Parent=Smp_042120.1
SM_V9_4 Liftoff CDS     35682313        35682660        .       +
        0       Parent=Smp_042120.1
SM_V9_4 iris    gene    35697992        35700238        .       -
        .
ID=Smp_042110;geneID=Smp_042110;gene_name=Smp_042110;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35697992        35700238        .       -
        .
ID=Smp_042110.1;Parent=Smp_042110;geneID=Smp_042110;gene_name=Smp_04
2110;owner=irisadmin@local.host;orig_id=Smp_042110.1;date_last_modif
ied=2022-07-23;Name=Smp_042110.1;product=OCIA domain-containing
protein 1;date_creation=2022-07-23
SM_V9_4 iris    exon    35697992        35698800        .       -
        .
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Parent=Smp_042110.1;Name=2e243cd4-8453-4fc4-8c25-29e3bea628e8
SM_V9_4 iris    exon    35700103        35700238        .       -
        .       Parent=Smp_042110.1;Name=3e7fcc56-ab8a-49a1-87e7-
e6a3330c2c47
SM_V9_4 iris    CDS     35698220        35698798        .       -
        0       Parent=Smp_042110.1
SM_V9_4 iris    gene    35720037        35723793        .       -
        .
ID=Smp_145010;geneID=Smp_145010;gene_name=Smp_145010;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35720037        35723793        .       -
        .
ID=Smp_145010.1;Parent=Smp_145010;geneID=Smp_145010;gene_name=Smp_14
5010;owner=irisadmin@local.host;date_last_modified=2022-07-23;Name=S
mp_145010.1;product=Zinc finger CCHC domain-containing protein
10;date_creation=2022-07-23
SM_V9_4 iris    exon    35720037        35720402        .       -
        .       Parent=Smp_145010.1;Name=Smp_145010.1-CDS
SM_V9_4 iris    exon    35720441        35720599        .       -
        .       Parent=Smp_145010.1;Name=e9c919a7-eca2-4cb3-96a0-
c863bd7ba6ef
SM_V9_4 iris    exon    35723716        35723793        .       -
        .       Parent=Smp_145010.1;Name=8dc0a1b2-3cf1-4554-
b94d-3302f89f0f13
SM_V9_4 iris    CDS     35720183        35720402        .       -
        1       Parent=Smp_145010.1
SM_V9_4 iris    CDS     35720441        35720599        .       -
        1       Parent=Smp_145010.1
SM_V9_4 iris    CDS     35723716        35723759        .       -
        0       Parent=Smp_145010.1
SM_V9_4 iris    gene    35721364        35723793        .       -
        .
ID=Smp_316730;geneID=Smp_316730;gene_name=Smp_316730;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35721364        35723793        .       -
        .
ID=Smp_316730.1;Parent=Smp_316730;geneID=Smp_316730;gene_name=Smp_31
6730;owner=irisadmin@local.host;orig_id=Smp_316730.1;date_last_modif
ied=2022-07-25;Name=Smp_316730.1;product=Ubiquitin-like modifier-
activating enzyme ATG7;date_creation=2022-07-23
SM_V9_4 iris    exon    35721364        35723680        .       -
        .       Parent=Smp_316730.1;Name=215e6708-6bb7-40ee-adb4-
e7103806ef52
SM_V9_4 iris    exon    35723716        35723793        .       -
        .       Parent=Smp_316730.1;Name=1a930be4-04a5-4771-
b052-6f0ecbcd0b1a
SM_V9_4 iris    CDS     35721505        35723628        .       -
        0       Parent=Smp_316730.1
SM_V9_4 iris    gene    35742507        35743440        .       +
        .
ID=Smp_042090;geneID=Smp_042090;gene_name=Smp_042090 ;owner=irisadmi
n@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35742507        35743440        .       +
        .
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fied=2022-07-23;Name=Smp_042090.1;product=60S ribosomal protein
L10a;date_creation=2022-07-23
SM_V9_4 iris    exon    35742507        35742540        .       +
        .       Parent=Smp_042090.1;Name=8ad43ee9-02e5-482e-b8e9-
baa45120dfab
SM_V9_4 iris    exon    35742652        35742807        .       +
        .       Parent=Smp_042090.1;Name=63067ed7-
d9ba-490b-8faf-50a476bfdbef
SM_V9_4 iris    exon    35742892        35743040        .       +
        .       Parent=Smp_042090.1;Name=baeafe11-b934-426d-bb21-
ecdf1e6b16bd
SM_V9_4 iris    exon    35743072        35743440        .       +
        .       Parent=Smp_042090.1;Name=2213c737-c6e5-44b8-af00-
b8b1e26ca9e2
SM_V9_4 iris    CDS     35742536        35742540        .       +
        0       Parent=Smp_042090.1
SM_V9_4 iris    CDS     35742652        35742807        .       +
        1       Parent=Smp_042090.1
SM_V9_4 iris    CDS     35742892        35743040        .       +
        1       Parent=Smp_042090.1
SM_V9_4 iris    CDS     35743072        35743415        .       +
        2       Parent=Smp_042090.1
SM_V9_4 Liftoff gene    35747565        35756207        .       -
        .       ID=Smp_042080;geneID=Smp_042080
SM_V9_4 Liftoff mRNA    35747565        35756207        .       -
        .
ID=Smp_042080.1;Parent=Smp_042080;geneID=Smp_042080;product=Bridging
integrator 3;polypeptide_domain=InterPro:IPR027267
SM_V9_4 Liftoff exon    35747565        35747862        .       -
        .       Parent=Smp_042080.1
SM_V9_4 Liftoff exon    35751829        35751945        .       -
        .       Parent=Smp_042080.1
SM_V9_4 Liftoff exon    35751977        35752118        .       -
        .       Parent=Smp_042080.1
SM_V9_4 Liftoff exon    35752150        35752190        .       -
        .       Parent=Smp_042080.1
SM_V9_4 Liftoff exon    35752231        35752349        .       -
        .       Parent=Smp_042080.1
SM_V9_4 Liftoff exon    35752395        35752456        .       -
        .       Parent=Smp_042080.1
SM_V9_4 Liftoff exon    35752497        35756207        .       -
        .       Parent=Smp_042080.1
SM_V9_4 Liftoff CDS     35747695        35747862        .       -
        0       Parent=Smp_042080.1
SM_V9_4 Liftoff CDS     35751829        35751945        .       -
        0       Parent=Smp_042080.1
SM_V9_4 Liftoff CDS     35751977        35752118        .       -
        1       Parent=Smp_042080.1
SM_V9_4 Liftoff CDS     35752150        35752190        .       -
        0       Parent=Smp_042080.1
SM_V9_4 Liftoff CDS     35752231        35752349        .       -
        2       Parent=Smp_042080.1
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SM_V9_4 Liftoff CDS     35752395        35752456        .       -
        1       Parent=Smp_042080.1
SM_V9_4 Liftoff CDS     35752497        35752513        .       -
        0       Parent=Smp_042080.1
SM_V9_4 iris    gene    35758780        35789030        .       +
        .
ID=Smp_343750;geneID=Smp_343750;gene_name=Smp_343750;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35758780        35789030        .       +
        .
ID=Smp_343750.1;Parent=Smp_343750;geneID=Smp_343750;gene_name=Smp_34
3750;owner=irisadmin@local.host;orig_id=Smp_343750.1;date_last_modif
ied=2022-07-23;Name=Smp_343750.1;product=Uncharacterized protein
KIAA1841;date_creation=2022-07-23
SM_V9_4 iris    exon    35758780        35758861        .       +
        .       Parent=Smp_343750.1;Name=25969b6e-636f-491c-85b1-
c2bd8fef14af
SM_V9_4 iris    exon    35758956        35759141        .       +
        .       Parent=Smp_343750.1;Name=e7b7b020-7683-497e-
ac4d-19c7068e6167
SM_V9_4 iris    exon    35759203        35759456        .       +
        .       Parent=Smp_343750.1;Name=611ec02d-7466-4834-8a0b-
deaf62125a04
SM_V9_4 iris    exon    35759495        35759589        .       +
        .       Parent=Smp_343750.1;Name=f1560082-9e4f-435d-
bea3-7b618c496361
SM_V9_4 iris    exon    35759626        35759691        .       +
        .       Parent=Smp_343750.1;Name=4fd2e158-9878-4462-
bdce-431273101189
SM_V9_4 iris    exon    35759733        35759819        .       +
        .       Parent=Smp_343750.1;Name=2e639339-e7ff-49a6-
a27a-490181627dbf
SM_V9_4 iris    exon    35760862        35761258        .       +
        .
Parent=Smp_343750.1;Name=aa6cac06-2e91-4ea8-902f-3c4dfcbd860e
SM_V9_4 iris    exon    35765709        35766022        .       +
        .       Parent=Smp_343750.1;Name=f8834564-7798-44f0-8a19-
f06692d7f738
SM_V9_4 iris    exon    35771570        35771645        .       +
        .       Parent=Smp_343750.1;Name=9d2592c8-0fac-48ed-aa35-
e2dd6bcd7769
SM_V9_4 iris    exon    35775106        35775227        .       +
        .       Parent=Smp_343750.1;Name=45dc0263-486e-4938-
b675-02b0a0b979bc
SM_V9_4 iris    exon    35777340        35777511        .       +
        .       Parent=Smp_343750.1;Name=cf021a1f-e144-445a-
a5bf-3b19a04e5ebd
SM_V9_4 iris    exon    35779859        35780081        .       +
        .
Parent=Smp_343750.1;Name=55a6d256-50e2-44e3-988c-1ebb7f81d53c
SM_V9_4 iris    exon    35781971        35782059        .       +
        .       Parent=Smp_343750.1;Name=75fed377-9117-403a-
a332-3208408abbac
SM_V9_4 iris    exon    35785599        35785690        .       +
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        .       Parent=Smp_343750.1;Name=12c68a04-0f5d-486e-8471-
a1060feab800
SM_V9_4 iris    exon    35788843        35789030        .       +
        .       Parent=Smp_343750.1;Name=9168c24f-e370-4903-
b368-21ee30f226ca
SM_V9_4 iris    CDS     35759069        35759141        .       +
        0       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35759203        35759456        .       +
        2       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35759495        35759589        .       +
        0       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35759626        35759691        .       +
        1       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35759733        35759819        .       +
        1       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35760862        35761258        .       +
        1       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35765709        35766022        .       +
        0       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35771570        35771645        .       +
        1       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35775106        35775227        .       +
        0       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35777340        35777511        .       +
        1       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35779859        35780081        .       +
        0       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35781971        35782059        .       +
        2       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35785599        35785690        .       +
        0       Parent=Smp_343750.1
SM_V9_4 iris    CDS     35788843        35788882        .       +
        1       Parent=Smp_343750.1
SM_V9_4 iris    gene    35808142        35817593        .       -
        .
ID=Smp_042060;geneID=Smp_042060;gene_name=Smp_042060;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_4 iris    mRNA    35808142        35817593        .       -
        .
ID=Smp_042060.1;Parent=Smp_042060;geneID=Smp_042060;gene_name=Smp_04
2060;owner=irisadmin@local.host;orig_id=Smp_042060.1;date_last_modif
ied=2022-08-18;Name=Smp_042060.1;product=MIT domain-containing
protein 1;date_creation=2022-08-18
SM_V9_4 iris    exon    35808142        35808604        .       -
        .       Parent=Smp_042060.1;Name=a4a370be-7141-4ea4-
b9dd-321ad4e57a03
SM_V9_4 iris    exon    35810341        35810450        .       -
        .
Parent=Smp_042060.1;Name=05b19b42-1d9b-4353-83f3-5576d57642c6
SM_V9_4 iris    exon    35811049        35811138        .       -
        .       Parent=Smp_042060.1;Name=06e18df3-
e6b3-42cb-8eae-8a825d6d20ba
SM_V9_4 iris    exon    35811182        35811321        .       -
        .
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Parent=Smp_042060.1;Name=201e41ac-7155-423a-9924-3c780ab03226
SM_V9_4 iris    exon    35811370        35811462        .       -
        .       Parent=Smp_042060.1;Name=2b004f92-c3da-487f-bcd9-
faa20b4e89f3
SM_V9_4 iris    exon    35811504        35811696        .       -
        .       Parent=Smp_042060.1;Name=30a48c44-42a3-4d4f-
ae64-894d985c2b54
SM_V9_4 iris    exon    35817398        35817593        .       -
        .       Parent=Smp_042060.1;Name=9b755cda-186d-4960-9a21-
e14a0ef68063
SM_V9_4 iris    CDS     35808442        35808604        .       -
        1       Parent=Smp_042060.1
SM_V9_4 iris    CDS     35810341        35810450        .       -
        0       Parent=Smp_042060.1
SM_V9_4 iris    CDS     35811049        35811138        .       -
        0       Parent=Smp_042060.1
SM_V9_4 iris    CDS     35811182        35811321        .       -
        2       Parent=Smp_042060.1
SM_V9_4 iris    CDS     35811370        35811462        .       -
        2       Parent=Smp_042060.1
SM_V9_4 iris    CDS     35811504        35811657        .       -
        0       Parent=Smp_042060.1
SM_V9_4 iris    gene    35822167        35847771        .       +
        .
ID=Smp_042050;geneID=Smp_042050;gene_name=Smp_042050;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35822167        35847771        .       +
        .
ID=Smp_042050.1;Parent=Smp_042050;geneID=Smp_042050;gene_name=Smp_04
2050;owner=irisadmin@local.host;orig_id=Smp_042050.1;date_last_modif
ied=2022-07-23;Name=Smp_042050.1;product=CWF19-like protein
2;date_creation=2022-07-23
SM_V9_4 iris    exon    35822167        35822292        .       +
        .       Parent=Smp_042050.1;Name=8fb48edd-0c69-4873-abcb-
e8d946045378
SM_V9_4 iris    exon    35824570        35824691        .       +
        .       Parent=Smp_042050.1;Name=94640dce-
b64a-4164-84de-97fd58e3d216
SM_V9_4 iris    exon    35824729        35824806        .       +
        .       Parent=Smp_042050.1;Name=69577e23-64b2-42f8-ac32-
de9f4c9c7de0
SM_V9_4 iris    exon    35824849        35825201        .       +
        .       Parent=Smp_042050.1;Name=96ee9266-d230-4c2a-
b1bb-214dd2690fd8
SM_V9_4 iris    exon    35827306        35827448        .       +
        .       Parent=Smp_042050.1;Name=4b5da8e2-0436-48b6-a5f9-
c60acd3f96bb
SM_V9_4 iris    exon    35835012        35835160        .       +
        .
Parent=Smp_042050.1;Name=c62e731e-8e78-4bf4-9d0f-65ab444317cf
SM_V9_4 iris    exon    35836475        35836698        .       +
        .       Parent=Smp_042050.1;Name=998f2b69-bfe6-4c1c-b78f-
bbf40d59c828
SM_V9_4 iris    exon    35838131        35838284        .       +
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        .       Parent=Smp_042050.1;Name=7f4ac35a-59a0-4987-8962-
fadcdd2f6d2a
SM_V9_4 iris    exon    35838880        35838970        .       +
        .       Parent=Smp_042050.1;Name=c578bbcc-4e0c-4096-
b857-8eb3aca6e5bd
SM_V9_4 iris    exon    35841956        35842044        .       +
        .       Parent=Smp_042050.1;Name=c54e10a7-30d0-4f56-b385-
eb9d33c30e42
SM_V9_4 iris    exon    35843225        35843506        .       +
        .
Parent=Smp_042050.1;Name=e6486470-03f7-479b-84f9-1ce63b642351
SM_V9_4 iris    exon    35845386        35845577        .       +
        .       Parent=Smp_042050.1;Name=685c0efe-d2ca-4516-
addf-738e0df26bef
SM_V9_4 iris    exon    35847354        35847771        .       +
        .
Parent=Smp_042050.1;Name=a36f43d0-9bc1-41ee-9161-106f287c8759
SM_V9_4 iris    CDS     35824632        35824691        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35824729        35824806        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35824849        35825201        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35827306        35827448        .       +
        1       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35835012        35835160        .       +
        2       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35836475        35836698        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35838131        35838284        .       +
        1       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35838880        35838970        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35841956        35842044        .       +
        2       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35843225        35843506        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35845386        35845577        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    CDS     35847354        35847599        .       +
        0       Parent=Smp_042050.1
SM_V9_4 iris    gene    35852802        35892253        .       -
        .
ID=Smp_144990;geneID=Smp_144990;gene_name=Smp_144990;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35852802        35892253        .       -
        .
ID=Smp_144990.1;Parent=Smp_144990;geneID=Smp_144990;gene_name=Smp_14
4990;owner=irisadmin@local.host;orig_id=Smp_144990.1;date_last_modif
ied=2022-07-23;Name=Smp_144990.1;product=Protein
lin-10;date_creation=2022-07-23
SM_V9_4 iris    exon    35852802        35853812        .       -
        .
Parent=Smp_144990.1;Name=86f57665-31e9-4fac-8ac5-9225c5fda9ea
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SM_V9_4 iris    exon    35855208        35855468        .       -
        .       Parent=Smp_144990.1;Name=0703ed64-bb0f-4c57-b780-
b8f68c363e66
SM_V9_4 iris    exon    35857425        35857637        .       -
        .       Parent=Smp_144990.1;Name=4005d712-4278-47d2-
a013-3389ba7d8935
SM_V9_4 iris    exon    35863774        35863956        .       -
        .       Parent=Smp_144990.1;Name=5896fe19-fb48-4a2f-
bb48-8f301ef4c28d
SM_V9_4 iris    exon    35866322        35866648        .       -
        .
Parent=Smp_144990.1;Name=f9361658-3aba-4a84-8a2b-11ffb68d57c3
SM_V9_4 iris    exon    35868957        35869043        .       -
        .       Parent=Smp_144990.1;Name=ed93dfa4-
a13f-4bd8-9451-1ecbbf261645
SM_V9_4 iris    exon    35871516        35871667        .       -
        .       Parent=Smp_144990.1;Name=dfc2ffb7-9799-414f-8ec3-
ab450c4e8fb2
SM_V9_4 iris    exon    35879035        35879062        .       -
        .       Parent=Smp_144990.1;Name=5c69b485-2400-4403-
b0ba-34f112bf98c9
SM_V9_4 iris    exon    35880407        35880507        .       -
        .
Parent=Smp_144990.1;Name=dc151f23-14ca-4e0c-8f41-6b80adf4f7ac
SM_V9_4 iris    exon    35881644        35882048        .       -
        .
Parent=Smp_144990.1;Name=c3194250-2107-4ba9-82e0-636005309575
SM_V9_4 iris    exon    35888236        35888306        .       -
        .       Parent=Smp_144990.1;Name=f36e6471-1970-4b64-9034-
fc4c40f722f3
SM_V9_4 iris    exon    35891052        35892253        .       -
        .       Parent=Smp_144990.1;Name=505f7d30-14d8-4e7f-
b0cb-88438bb4aff6
SM_V9_4 iris    CDS     35853741        35853812        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35855208        35855468        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35857425        35857637        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35863774        35863956        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35866322        35866648        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35868957        35869043        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35871516        35871667        .       -
        2       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35879035        35879062        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35880407        35880507        .       -
        2       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35881644        35882048        .       -
        2       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35888236        35888306        .       -
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        1       Parent=Smp_144990.1
SM_V9_4 iris    CDS     35891052        35892124        .       -
        0       Parent=Smp_144990.1
SM_V9_4 iris    gene    35900068        35910679        .       +
        .
ID=Smp_042030;geneID=Smp_042030;gene_name=Smp_042030;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35900068        35910679        .       +
        .
ID=Smp_042030.1;Parent=Smp_042030;geneID=Smp_042030;gene_name=Smp_04
2030;owner=irisadmin@local.host;orig_id=Smp_042030.1;date_last_modif
ied=2022-07-23;Name=Smp_042030.1;product=Vesicle transport protein
SEC20;date_creation=2022-07-23
SM_V9_4 iris    exon    35900068        35900152        .       +
        .       Parent=Smp_042030.1;Name=71f04b09-234f-4242-adc4-
ce2548635a0e
SM_V9_4 iris    exon    35903312        35903488        .       +
        .       Parent=Smp_042030.1;Name=64bd00d3-a967-4714-a369-
c14f1d7bc52f
SM_V9_4 iris    exon    35905703        35905990        .       +
        .       Parent=Smp_042030.1;Name=3a7bb85f-c7b4-44b1-
b844-747d00ee7f15
SM_V9_4 iris    exon    35909849        35910679        .       +
        .       Parent=Smp_042030.1;Name=46e8c6e9-fac4-46e9-
b099-1b796a43c737
SM_V9_4 iris    CDS     35905703        35905990        .       +
        0       Parent=Smp_042030.1
SM_V9_4 iris    CDS     35909849        35910286        .       +
        0       Parent=Smp_042030.1
SM_V9_4 iris    gene    35912871        36010736        .       -
        .
ID=Smp_042020;geneID=Smp_042020;gene_name=Smp_042020;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    35912871        35964956        .       -
        .
ID=Smp_042020.1;Parent=Smp_042020;geneID=Smp_042020;gene_name=Smp_04
2020;owner=irisadmin@local.host;orig_id=Smp_042020.1;date_last_modif
ied=2022-07-23;Name=Smp_042020.1;product=Ectonucleoside triphosphate
diphosphohydrolase 1;date_creation=2022-07-23
SM_V9_4 iris    exon    35912871        35913896        .       -
        .       Parent=Smp_042020.1;Name=cb485ab4-8bf2-4075-
af9e-1ca077a90249
SM_V9_4 iris    exon    35915411        35915548        .       -
        .       Parent=Smp_042020.1;Name=0dc9d300-3ee3-4ea4-80c6-
cf436b3fc173
SM_V9_4 iris    exon    35917396        35917512        .       -
        .       Parent=Smp_042020.1;Name=29dad532-1ce7-43da-951d-
fbf2414cf82b
SM_V9_4 iris    exon    35920651        35920794        .       -
        .       Parent=Smp_042020.1;Name=18a227ae-4a2d-4408-aac1-
cbb33c615a9c
SM_V9_4 iris    exon    35922791        35922943        .       -
        .       Parent=Smp_042020.1;Name=ea130197-
b9c0-4532-9ebe-61051a62cf42
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SM_V9_4 iris    exon    35924938        35925156        .       -
        .       Parent=Smp_042020.1;Name=a68a1bd0-76ed-4046-
ba69-4c61129763e7
SM_V9_4 iris    exon    35927232        35927403        .       -
        .       Parent=Smp_042020.1;Name=d6263247-5d51-4dae-
b538-723df92e2848
SM_V9_4 iris    exon    35936416        35936566        .       -
        .       Parent=Smp_042020.1;Name=3eebb342-0540-4274-81fd-
ac3f9189d2eb
SM_V9_4 iris    exon    35944961        35945075        .       -
        .       Parent=Smp_042020.1;Name=d20284bf-e68c-443f-
a0cd-1bbfb88b24fa
SM_V9_4 iris    exon    35946910        35947068        .       -
        .       Parent=Smp_042020.1;Name=189927db-1b0c-46c6-9ef0-
f69c5ab5c207
SM_V9_4 iris    exon    35960330        35960463        .       -
        .       Parent=Smp_042020.1;Name=433d4bb2-e445-433b-
bb93-58ac2a6ce109
SM_V9_4 iris    exon    35964826        35964956        .       -
        .       Parent=Smp_042020.1;Name=31688491-
d85f-45f4-8d73-2f7a58f01745
SM_V9_4 iris    CDS     35913687        35913896        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35915411        35915548        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35917396        35917512        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35920651        35920794        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35922791        35922943        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35924938        35925156        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35927232        35927403        .       -
        1       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35936416        35936566        .       -
        2       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35944961        35945075        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35946910        35947068        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    CDS     35960330        35960386        .       -
        0       Parent=Smp_042020.1
SM_V9_4 iris    gene    36017101        36092123        .       +
        .
ID=Smp_144970;geneID=Smp_144970;gene_name=Smp_144970;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36017101        36092123        .       +
        .
ID=Smp_144970.1;Parent=Smp_144970;geneID=Smp_144970;gene_name=Smp_14
4970;owner=irisadmin@local.host;orig_id=Smp_144970.2;date_last_modif
ied=2022-07-23;Name=Smp_144970.1;product=Copper-transporting ATPase
1;date_creation=2022-07-23
SM_V9_4 iris    exon    36017101        36017375        .       +
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        .       Parent=Smp_144970.1;Name=3fff9737-8ef7-46a8-80a4-
f2dd931d29ba
SM_V9_4 iris    exon    36020608        36020926        .       +
        .       Parent=Smp_144970.1;Name=cb93073a-3e43-4fb1-
ba8c-65c83a490d1d
SM_V9_4 iris    exon    36022107        36022651        .       +
        .
Parent=Smp_144970.1;Name=022eaca4-833d-4ef5-8581-4c892886a349
SM_V9_4 iris    exon    36024510        36024843        .       +
        .       Parent=Smp_144970.1;Name=53661259-5352-4f02-9f3d-
d685e9d9c221
SM_V9_4 iris    exon    36026630        36026923        .       +
        .       Parent=Smp_144970.1;Name=07eb64ae-72f0-4efc-b89f-
d86dd5c70af3
SM_V9_4 iris    exon    36028770        36028948        .       +
        .       Parent=Smp_144970.1;Name=2949b416-256c-4ab6-8d8d-
c09fa8b0b9e3
SM_V9_4 iris    exon    36030995        36031159        .       +
        .       Parent=Smp_144970.1;Name=5c342219-4f06-4a53-b5c1-
ea27cdbd4970
SM_V9_4 iris    exon    36032468        36032538        .       +
        .
Parent=Smp_144970.1;Name=cd84ddb6-6e53-447d-903e-91aa1cee4c69
SM_V9_4 iris    exon    36037145        36037421        .       +
        .       Parent=Smp_144970.1;Name=96e4353d-0609-4a94-b72b-
a7db7362f649
SM_V9_4 iris    exon    36044958        36045191        .       +
        .
Parent=Smp_144970.1;Name=73fa99ca-5fb1-4d76-8f5f-3e0b6603bf86
SM_V9_4 iris    exon    36046479        36046679        .       +
        .       Parent=Smp_144970.1;Name=2c2f2bd1-
d79e-444a-9e39-708dd74bd0b1
SM_V9_4 iris    exon    36054721        36054829        .       +
        .       Parent=Smp_144970.1;Name=b6103184-1803-4ab5-
b644-4612078303ad
SM_V9_4 iris    exon    36058565        36058689        .       +
        .       Parent=Smp_144970.1;Name=2adc6ff4-
b332-4687-8709-14825285ec7b
SM_V9_4 iris    exon    36063255        36063386        .       +
        .       Parent=Smp_144970.1;Name=ee6bb95c-087d-49ba-bf64-
d7baf463aa18
SM_V9_4 iris    exon    36065012        36065197        .       +
        .
Parent=Smp_144970.1;Name=62a97f4d-99ec-4391-80d6-3c3e985b7387
SM_V9_4 iris    exon    36066696        36066809        .       +
        .       Parent=Smp_144970.1;Name=de95accc-f058-4011-a26e-
b519189f4adf
SM_V9_4 iris    exon    36071224        36071451        .       +
        .       Parent=Smp_144970.1;Name=6b6abd5a-
ce52-4168-93aa-58ec6e3b0f04
SM_V9_4 iris    exon    36073109        36073580        .       +
        .       Parent=Smp_144970.1;Name=7759b29e-d2f9-4a9d-8ad3-
da5da8393505
SM_V9_4 iris    exon    36077047        36077622        .       +
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        .
Parent=Smp_144970.1;Name=197fb891-0a2e-4aa1-9eb3-6f95b33bb99b
SM_V9_4 iris    exon    36080641        36081342        .       +
        .       Parent=Smp_144970.1;Name=daf0f691-ea9f-4f39-a86e-
f83650ff0e2e
SM_V9_4 iris    exon    36084122        36084303        .       +
        .       Parent=Smp_144970.1;Name=4d43b9cb-829f-4bd2-b0c7-
bbb7ab633885
SM_V9_4 iris    exon    36091145        36092123        .       +
        .
Parent=Smp_144970.1;Name=73d0608e-408b-436f-84ec-887cf0b83f45
SM_V9_4 iris    CDS     36017265        36017375        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36020608        36020926        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36022107        36022651        .       +
        2       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36024510        36024843        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36026630        36026923        .       +
        2       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36028770        36028948        .       +
        2       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36030995        36031159        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36032468        36032538        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36037145        36037421        .       +
        1       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36044958        36045191        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36046479        36046679        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36054721        36054829        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36058565        36058689        .       +
        2       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36063255        36063386        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36065012        36065197        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36066696        36066809        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36071224        36071451        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36073109        36073580        .       +
        0       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36077047        36077622        .       +
        2       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36080641        36081342        .       +
        2       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36084122        36084303        .       +
        2       Parent=Smp_144970.1
SM_V9_4 iris    CDS     36091145        36091486        .       +
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        0       Parent=Smp_144970.1
SM_V9_4 Liftoff gene    36095477        36096146        .       -
        .       ID=Smp_041980;geneID=Smp_041980
SM_V9_4 Liftoff mRNA    36095477        36096146        .       -
        .
ID=Smp_041980.1;Parent=Smp_041980;geneID=Smp_041980;product=60S
acidic ribosomal protein P1;polypeptide_domain=InterPro:IPR027534
Pfam:PF00428;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
14
SM_V9_4 Liftoff exon    36095477        36095794        .       -
        .       Parent=Smp_041980.1
SM_V9_4 Liftoff exon    36095974        36096146        .       -
        .       Parent=Smp_041980.1
SM_V9_4 Liftoff CDS     36095514        36095794        .       -
        2       Parent=Smp_041980.1
SM_V9_4 Liftoff CDS     36095974        36096043        .       -
        0       Parent=Smp_041980.1
SM_V9_4 iris    gene    36115700        36128636        .       -
        .
ID=Smp_334360;geneID=Smp_334360;gene_name=Smp_334360;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    36115700        36128636        .       -
        .
ID=Smp_334360.1;Parent=Smp_334360;geneID=Smp_334360;gene_name=Smp_33
4360;owner=irisadmin@local.host;orig_id=Smp_334360.1;date_last_modif
ied=2022-08-24;Name=Smp_334360.1;product=NGFI-A-binding protein
homolog;date_creation=2022-08-24
SM_V9_4 iris    exon    36115700        36118429        .       -
        .
Parent=Smp_334360.1;Name=ab0d5097-6ea6-4d94-814d-5166334a83aa
SM_V9_4 iris    exon    36119979        36120043        .       -
        .       Parent=Smp_334360.1;Name=34a583db-3deb-4597-b202-
fbe72b7ffd0c
SM_V9_4 iris    exon    36121136        36121393        .       -
        .       Parent=Smp_334360.1;Name=05040653-d00e-4dac-b8d0-
d75c6f3b5438
SM_V9_4 iris    exon    36122873        36123363        .       -
        .       Parent=Smp_334360.1;Name=aa3f37ff-7178-4cf5-a8d7-
a9b4e6cc1369
SM_V9_4 iris    exon    36125942        36126436        .       -
        .       Parent=Smp_334360.1;Name=b60ce795-4fab-40b5-832d-
c35871be4370
SM_V9_4 iris    exon    36128510        36128636        .       -
        .       Parent=Smp_334360.1;Name=be1cdea0-
deed-4160-88dc-964ad8bf2565
SM_V9_4 iris    CDS     36118318        36118429        .       -
        1       Parent=Smp_334360.1
SM_V9_4 iris    CDS     36119979        36120043        .       -
        0       Parent=Smp_334360.1
SM_V9_4 iris    CDS     36121136        36121393        .       -
        0       Parent=Smp_334360.1
SM_V9_4 iris    CDS     36122873        36123363        .       -
        2       Parent=Smp_334360.1
SM_V9_4 iris    CDS     36125942        36126436        .       -
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        2       Parent=Smp_334360.1
SM_V9_4 iris    CDS     36128510        36128615        .       -
        0       Parent=Smp_334360.1
SM_V9_4 Liftoff gene    36145930        36195907        .       +
        .       ID=Smp_144960;geneID=Smp_144960
SM_V9_4 Liftoff mRNA    36145930        36195907        .       +
        .
ID=Smp_144960.1;Parent=Smp_144960;geneID=Smp_144960;product=FTS and
Hook-interacting protein
homolog;polypeptide_domain=InterPro:IPR019384 Pfam:PF10257
SM_V9_4 Liftoff exon    36145930        36146136        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36146174        36146424        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36155637        36156362        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36163156        36163329        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36167177        36167263        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36172593        36172967        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36178509        36178588        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36180972        36181321        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36186408        36188588        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36191160        36191693        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff exon    36194573        36195907        .       +
        .       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36146046        36146136        .       +
        0       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36146174        36146424        .       +
        2       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36155637        36156362        .       +
        0       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36163156        36163329        .       +
        0       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36167177        36167263        .       +
        0       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36172593        36172967        .       +
        0       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36178509        36178588        .       +
        0       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36180972        36181321        .       +
        1       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36186408        36188588        .       +
        2       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36191160        36191693        .       +
        2       Parent=Smp_144960.1
SM_V9_4 Liftoff CDS     36194573        36194745        .       +
        2       Parent=Smp_144960.1
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SM_V9_4 Liftoff gene    36200221        36226386        .       -
        .       ID=Smp_144950;geneID=Smp_144950
SM_V9_4 Liftoff mRNA    36200221        36226386        .       -
        .
ID=Smp_144950.1;Parent=Smp_144950;geneID=Smp_144950;product=Centroso
mal protein of 41 kDa A;polypeptide_domain=InterPro:IPR001763
Pfam:PF00581
SM_V9_4 Liftoff exon    36200221        36200699        .       -
        .       Parent=Smp_144950.1
SM_V9_4 Liftoff exon    36202578        36202899        .       -
        .       Parent=Smp_144950.1
SM_V9_4 Liftoff exon    36207884        36208074        .       -
        .       Parent=Smp_144950.1
SM_V9_4 Liftoff exon    36212806        36212963        .       -
        .       Parent=Smp_144950.1
SM_V9_4 Liftoff exon    36220538        36226386        .       -
        .       Parent=Smp_144950.1
SM_V9_4 Liftoff CDS     36200611        36200699        .       -
        2       Parent=Smp_144950.1
SM_V9_4 Liftoff CDS     36202578        36202899        .       -
        0       Parent=Smp_144950.1
SM_V9_4 Liftoff CDS     36207884        36208074        .       -
        2       Parent=Smp_144950.1
SM_V9_4 Liftoff CDS     36212806        36212963        .       -
        1       Parent=Smp_144950.1
SM_V9_4 Liftoff CDS     36220538        36220878        .       -
        0       Parent=Smp_144950.1
SM_V9_4 Liftoff gene    36239900        36248587        .       +
        .       ID=Smp_041890;geneID=Smp_041890
SM_V9_4 Liftoff mRNA    36239900        36248587        .       +
        .
ID=Smp_041890.1;Parent=Smp_041890;geneID=Smp_041890;product=Ribonucl
ease H2 subunit
A;polypeptide_domain=InterPro:IPR004649,IPR012337,IPR023160,IPR02456
7 Pfam:PF01351;Ontology_term=GO:0003676,GO:0004523,GO:0016070
SM_V9_4 Liftoff exon    36239900        36241912        .       +
        .       Parent=Smp_041890.1
SM_V9_4 Liftoff exon    36242012        36242138        .       +
        .       Parent=Smp_041890.1
SM_V9_4 Liftoff exon    36242652        36242739        .       +
        .       Parent=Smp_041890.1
SM_V9_4 Liftoff exon    36243340        36243477        .       +
        .       Parent=Smp_041890.1
SM_V9_4 Liftoff exon    36244363        36244453        .       +
        .       Parent=Smp_041890.1
SM_V9_4 Liftoff exon    36246529        36246652        .       +
        .       Parent=Smp_041890.1
SM_V9_4 Liftoff exon    36248299        36248587        .       +
        .       Parent=Smp_041890.1
SM_V9_4 Liftoff CDS     36241846        36241912        .       +
        0       Parent=Smp_041890.1
SM_V9_4 Liftoff CDS     36242012        36242138        .       +
        2       Parent=Smp_041890.1
SM_V9_4 Liftoff CDS     36242652        36242739        .       +
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        1       Parent=Smp_041890.1
SM_V9_4 Liftoff CDS     36243340        36243477        .       +
        0       Parent=Smp_041890.1
SM_V9_4 Liftoff CDS     36244363        36244453        .       +
        0       Parent=Smp_041890.1
SM_V9_4 Liftoff CDS     36246529        36246652        .       +
        2       Parent=Smp_041890.1
SM_V9_4 Liftoff CDS     36248299        36248491        .       +
        1       Parent=Smp_041890.1
SM_V9_4 Liftoff gene    36251108        36252346        .       -
        .       ID=Smp_041880;geneID=Smp_041880
SM_V9_4 Liftoff mRNA    36251108        36252346        .       -
        .
ID=Smp_041880.1;Parent=Smp_041880;geneID=Smp_041880;product=Allatost
atin-A receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    36251108        36252346        .       -
        .       Parent=Smp_041880.1
SM_V9_4 Liftoff CDS     36251211        36252239        .       -
        0       Parent=Smp_041880.1
SM_V9_4 iris    gene    36258709        36287872        .       -
        .
ID=Smp_144940;geneID=Smp_144940;gene_name=Smp_144940;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36258709        36287872        .       -
        .
ID=Smp_144940.1;Parent=Smp_144940;geneID=Smp_144940;gene_name=Smp_14
4940;owner=irisadmin@local.host;orig_id=Smp_144940.1;date_last_modif
ied=2022-07-23;Name=Smp_144940.1;product=RUN domain-containing
protein 3B;date_creation=2022-07-23
SM_V9_4 iris    exon    36258709        36259745        .       -
        .       Parent=Smp_144940.1;Name=523bd5a9-e65a-4117-a8ed-
ffb5a7033b4e
SM_V9_4 iris    exon    36266455        36266666        .       -
        .       Parent=Smp_144940.1;Name=d79d3b90-3be7-4b3c-
a38b-7b29dddfd97a
SM_V9_4 iris    exon    36270632        36270786        .       -
        .       Parent=Smp_144940.1;Name=f8cea13b-c9e3-4800-
b7d4-3d499a47f5a9
SM_V9_4 iris    exon    36275451        36276075        .       -
        .
Parent=Smp_144940.1;Name=4656eed4-0d04-4ce0-9219-397941c6e083
SM_V9_4 iris    exon    36277643        36277767        .       -
        .       Parent=Smp_144940.1;Name=19bf330f-1bcc-4c48-b231-
dc4bfea9e44a
SM_V9_4 iris    exon    36285917        36286046        .       -
        .       Parent=Smp_144940.1;Name=75e119f5-ff4f-4c55-
a618-9803cd9959cd
SM_V9_4 iris    exon    36286124        36286207        .       -
        .       Parent=Smp_144940.1;Name=8e6700c3-
f339-4fca-9509-1ca8a2cacba0
SM_V9_4 iris    exon    36286244        36286333        .       -
        .       Parent=Smp_144940.1;Name=4d51b29c-4f71-4768-
bd32-6a99c4fcf5bb
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SM_V9_4 iris    exon    36287310        36287395        .       -
        .
Parent=Smp_144940.1;Name=b17096fe-3261-42f7-9020-9dcc7080921b
SM_V9_4 iris    exon    36287428        36287561        .       -
        .
Parent=Smp_144940.1;Name=5370a751-939b-46b8-906f-140e87979a10
SM_V9_4 iris    exon    36287590        36287705        .       -
        .       Parent=Smp_144940.1;Name=c0eacc51-db04-4b31-b1df-
c9ac7a99c4fd
SM_V9_4 iris    exon    36287745        36287872        .       -
        .       Parent=Smp_144940.1;Name=d7379134-b08a-4d05-8109-
ffa657f5322c
SM_V9_4 iris    CDS     36259513        36259745        .       -
        2       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36266455        36266666        .       -
        1       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36270632        36270786        .       -
        0       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36275451        36276075        .       -
        1       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36277643        36277767        .       -
        0       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36285917        36286046        .       -
        1       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36286124        36286207        .       -
        1       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36286244        36286333        .       -
        1       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36287310        36287395        .       -
        0       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36287428        36287561        .       -
        2       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36287590        36287705        .       -
        1       Parent=Smp_144940.1
SM_V9_4 iris    CDS     36287745        36287806        .       -
        0       Parent=Smp_144940.1
SM_V9_4 iris    gene    36302610        36365538        .       +
        .
ID=Smp_144930;geneID=Smp_144930;gene_name=Smp_144930;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36302610        36365538        .       +
        .
ID=Smp_144930.1;Parent=Smp_144930;geneID=Smp_144930;gene_name=Smp_14
4930;owner=irisadmin@local.host;orig_id=Smp_144930.1;date_last_modif
ied=2022-07-23;Name=Smp_144930.1;product=Elongator complex protein
1;date_creation=2022-07-23
SM_V9_4 iris    exon    36302610        36302787        .       +
        .       Parent=Smp_144930.1;Name=c965e3d2-
bcb7-4955-9807-82ace850fea1
SM_V9_4 iris    exon    36302825        36302947        .       +
        .       Parent=Smp_144930.1;Name=7b9b4ddd-afba-432a-8a12-
a81c5310bef0
SM_V9_4 iris    exon    36302979        36303060        .       +
        .       Parent=Smp_144930.1;Name=91a08210-3539-4bf8-a55e-
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c8a6391cb29d
SM_V9_4 iris    exon    36303091        36303171        .       +
        .       Parent=Smp_144930.1;Name=091f435e-
d13d-42de-9ede-468ceffd13bd
SM_V9_4 iris    exon    36303206        36303288        .       +
        .
Parent=Smp_144930.1;Name=1d09ed64-509e-4d6f-9578-9e1f2f9bf9b3
SM_V9_4 iris    exon    36304767        36304963        .       +
        .       Parent=Smp_144930.1;Name=74a5eaea-11c8-403d-b674-
aa5a43455e28
SM_V9_4 iris    exon    36305387        36305598        .       +
        .       Parent=Smp_144930.1;Name=c2af429f-1fb4-47d4-b16e-
fb67c0c82d14
SM_V9_4 iris    exon    36308841        36309158        .       +
        .
Parent=Smp_144930.1;Name=b3b356da-99a1-4bfa-87c2-289c202694d2
SM_V9_4 iris    exon    36310983        36311358        .       +
        .       Parent=Smp_144930.1;Name=b3727bd6-85ac-4310-96cc-
f4278f147091
SM_V9_4 iris    exon    36312131        36312361        .       +
        .
Parent=Smp_144930.1;Name=073cfa0a-3c82-4bda-8405-090499c47f92
SM_V9_4 iris    exon    36313312        36313478        .       +
        .       Parent=Smp_144930.1;Name=7c04a3d1-8e10-4434-b6bb-
c38758327bdf
SM_V9_4 iris    exon    36314521        36314928        .       +
        .       Parent=Smp_144930.1;Name=71687fb7-
fa36-45c1-9cad-56deb3056848
SM_V9_4 iris    exon    36316926        36317148        .       +
        .
Parent=Smp_144930.1;Name=c80afa2b-417d-4673-9d1b-5e2836d86fa1
SM_V9_4 iris    exon    36320989        36321147        .       +
        .       Parent=Smp_144930.1;Name=f046830b-3ac7-4768-
ada9-6458eef46ee4
SM_V9_4 iris    exon    36322307        36322447        .       +
        .       Parent=Smp_144930.1;Name=0b47147b-652a-4742-ae35-
a761ed4cb2ac
SM_V9_4 iris    exon    36323085        36323170        .       +
        .       Parent=Smp_144930.1;Name=e56c6e28-72a4-42d9-abf2-
f64a3a1bd45e
SM_V9_4 iris    exon    36331367        36331669        .       +
        .       Parent=Smp_144930.1;Name=c5c875a8-097d-4871-
a789-582124d4c0f3
SM_V9_4 iris    exon    36340302        36340399        .       +
        .
Parent=Smp_144930.1;Name=a745853e-8a8c-4d22-972f-6c22bbcd058b
SM_V9_4 iris    exon    36349247        36349493        .       +
        .       Parent=Smp_144930.1;Name=d60371b9-f4bf-4560-
a148-1e15f69ca886
SM_V9_4 iris    exon    36353363        36353424        .       +
        .       Parent=Smp_144930.1;Name=9a4a874e-c0bc-4ef3-
b2f4-10b56ab65c8d
SM_V9_4 iris    exon    36354658        36354720        .       +
        .
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Parent=Smp_144930.1;Name=62351f4f-262e-4df4-9167-7e82ea579806
SM_V9_4 iris    exon    36355673        36355880        .       +
        .       Parent=Smp_144930.1;Name=3570aab7-76e9-4ec1-aeab-
c63f5f93cccb
SM_V9_4 iris    exon    36359605        36359719        .       +
        .       Parent=Smp_144930.1;Name=cb6a51dc-07a9-43dc-
b479-6ef2bd15f820
SM_V9_4 iris    exon    36361398        36361525        .       +
        .       Parent=Smp_144930.1;Name=75f3c69a-458a-41e5-
aec2-7c3e60804cf8
SM_V9_4 iris    exon    36364295        36364437        .       +
        .       Parent=Smp_144930.1;Name=b4682fa8-6ba2-468f-bb32-
a77e784c3ef6
SM_V9_4 iris    exon    36365196        36365250        .       +
        .       Parent=Smp_144930.1;Name=ecaa49cc-7d0a-453e-
b255-717a610281d3
SM_V9_4 iris    exon    36365347        36365538        .       +
        .       Parent=Smp_144930.1;Name=d028d3c2-b6ec-425d-bcec-
fb439a9747b8
SM_V9_4 iris    CDS     36302650        36302787        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36302825        36302947        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36302979        36303060        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36303091        36303171        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36303206        36303288        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36304767        36304963        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36305387        36305598        .       +
        1       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36308841        36309158        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36310983        36311358        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36312131        36312361        .       +
        1       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36313312        36313478        .       +
        1       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36314521        36314928        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36316926        36317148        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36320989        36321147        .       +
        1       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36322307        36322447        .       +
        1       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36323085        36323170        .       +
        1       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36331367        36331669        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36340302        36340399        .       +
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        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36349247        36349493        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36353363        36353424        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36354658        36354720        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36355673        36355880        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36359605        36359719        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36361398        36361525        .       +
        1       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36364295        36364437        .       +
        2       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36365196        36365250        .       +
        0       Parent=Smp_144930.1
SM_V9_4 iris    CDS     36365347        36365408        .       +
        2       Parent=Smp_144930.1
SM_V9_4 Liftoff gene    36365541        36371736        .       -
        .       ID=Smp_041830;geneID=Smp_041830
SM_V9_4 Liftoff mRNA    36365541        36371736        .       -
        .
ID=Smp_041830.1;Parent=Smp_041830;geneID=Smp_041830;product=Predicte
d membrane protein-like protein;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR007919 Pfam:PF05255
SM_V9_4 Liftoff exon    36365541        36365980        .       -
        .       Parent=Smp_041830.1
SM_V9_4 Liftoff exon    36368808        36371736        .       -
        .       Parent=Smp_041830.1
SM_V9_4 Liftoff CDS     36365741        36365980        .       -
        0       Parent=Smp_041830.1
SM_V9_4 Liftoff CDS     36368808        36369026        .       -
        0       Parent=Smp_041830.1
SM_V9_4 Liftoff gene    36408605        36409730        .       +
        .       ID=Smp_179300;geneID=Smp_179300
SM_V9_4 Liftoff mRNA    36408605        36409730        .       +
        .
ID=Smp_179300.1;Parent=Smp_179300;geneID=Smp_179300;product=Replicat
ion protein A 70 kDa DNA-binding subunit
C;polypeptide_domain=InterPro:IPR001878
Pfam:PF00098;Ontology_term=GO:0003676,GO:0008270
SM_V9_4 Liftoff exon    36408605        36408855        .       +
        .       Parent=Smp_179300.1
SM_V9_4 Liftoff exon    36408992        36409103        .       +
        .       Parent=Smp_179300.1
SM_V9_4 Liftoff exon    36409274        36409461        .       +
        .       Parent=Smp_179300.1
SM_V9_4 Liftoff exon    36409500        36409730        .       +
        .       Parent=Smp_179300.1
SM_V9_4 Liftoff CDS     36408737        36408855        .       +
        0       Parent=Smp_179300.1
SM_V9_4 Liftoff CDS     36408992        36409103        .       +
        1       Parent=Smp_179300.1
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SM_V9_4 Liftoff CDS     36409274        36409461        .       +
        0       Parent=Smp_179300.1
SM_V9_4 Liftoff CDS     36409500        36409617        .       +
        1       Parent=Smp_179300.1
SM_V9_4 iris    gene    36415432        36503405        .       -
        .
ID=Smp_247540;geneID=Smp_247540;gene_name=Smp_247540;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36415432        36503405        .       -
        .
ID=Smp_247540.1;Parent=Smp_247540;geneID=Smp_247540;gene_name=Smp_24
7540;owner=irisadmin@local.host;orig_id=Smp_247540.1;date_last_modif
ied=2022-07-23;Name=Smp_247540.1;product=Cyclin-dependent kinase
16;date_creation=2022-07-23
SM_V9_4 iris    exon    36415432        36416344        .       -
        .       Parent=Smp_247540.1;Name=e0e07df7-
edd6-48e3-9416-530edcd71582
SM_V9_4 iris    exon    36423000        36424106        .       -
        .       Parent=Smp_247540.1;Name=cf565734-66db-47a3-be0c-
e7fdeb686377
SM_V9_4 iris    exon    36429288        36429445        .       -
        .       Parent=Smp_247540.1;Name=c4aa7e4e-4940-41a2-90e3-
ded51b289275
SM_V9_4 iris    exon    36435448        36435695        .       -
        .       Parent=Smp_247540.1;Name=1c3c834f-23bf-44b4-
a3ec-7167fbc8cbd7
SM_V9_4 iris    exon    36450636        36450845        .       -
        .       Parent=Smp_247540.1;Name=140748cd-eba5-49e1-872e-
fc2d79b2b058
SM_V9_4 iris    exon    36471575        36471631        .       -
        .       Parent=Smp_247540.1;Name=759c4b93-9369-47ee-
bc4c-7479a7ff0ce2
SM_V9_4 iris    exon    36476324        36477987        .       -
        .
Parent=Smp_247540.1;Name=f058f7ca-855c-44fb-8a7b-6721ac57ba08
SM_V9_4 iris    exon    36502975        36503405        .       -
        .       Parent=Smp_247540.1;Name=128f97ff-9f6a-45c6-b651-
f87c952e468e
SM_V9_4 iris    CDS     36416307        36416344        .       -
        2       Parent=Smp_247540.1
SM_V9_4 iris    CDS     36423000        36424106        .       -
        2       Parent=Smp_247540.1
SM_V9_4 iris    CDS     36429288        36429445        .       -
        1       Parent=Smp_247540.1
SM_V9_4 iris    CDS     36435448        36435695        .       -
        0       Parent=Smp_247540.1
SM_V9_4 iris    CDS     36450636        36450845        .       -
        0       Parent=Smp_247540.1
SM_V9_4 iris    CDS     36471575        36471631        .       -
        0       Parent=Smp_247540.1
SM_V9_4 iris    CDS     36476324        36477987        .       -
        2       Parent=Smp_247540.1
SM_V9_4 iris    CDS     36502975        36503095        .       -
        0       Parent=Smp_247540.1
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SM_V9_4 iris    gene    36509720        36523477        .       +
       .
ID=Smp_144920;geneID=Smp_144920;gene_name=Smp_144920;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36509720        36523477        .       +
       .
ID=Smp_144920.1;Parent=Smp_144920;geneID=Smp_144920;gene_name=Smp_14
4920;owner=irisadmin@local.host;orig_id=Smp_144920.1;date_last_modif
ied=2022-07-23;Name=Smp_144920.1;product=Coiled-coil domain-
containing protein 134;date_creation=2022-07-23
SM_V9_4 iris    exon    36509720        36509770        .       +
       .
Parent=Smp_144920.1;Name=9e3d4e3b-16a5-44d4-986d-4ccc93ab7ebc
SM_V9_4 iris    exon    36511255        36511339        .       +
       .       Parent=Smp_144920.1;Name=ce7246b2-9069-4bd0-9952-
db2e5231b691
SM_V9_4 iris    exon    36512665        36512789        .       +
       .       Parent=Smp_144920.1;Name=e00723f0-da0d-456c-
b07e-4c7daf4b3a04
SM_V9_4 iris    exon    36514110        36514185        .       +
       .       Parent=Smp_144920.1;Name=2888a07b-59d8-4b49-
b276-995b95e881c0
SM_V9_4 iris    exon    36515863        36516107        .       +
       .       Parent=Smp_144920.1;Name=24f80147-f3ef-4b9f-9dea-
fa746645d85f
SM_V9_4 iris    exon    36522771        36523477        .       +
       .       Parent=Smp_144920.1;Name=4eef1fd1-d6ce-4951-88e0-
fac1f8f88e71
SM_V9_4 iris    CDS     36511255        36511339        .       +
       0       Parent=Smp_144920.1
SM_V9_4 iris    CDS     36512665        36512789        .       +
       2       Parent=Smp_144920.1
SM_V9_4 iris    CDS     36514110        36514185        .       +
       0       Parent=Smp_144920.1
SM_V9_4 iris    CDS     36515863        36516107        .       +
       2       Parent=Smp_144920.1
SM_V9_4 iris    CDS     36522771        36522878        .       +
       0       Parent=Smp_144920.1
SM_V9_4 Liftoff gene    36535526        36566318        .       +
       .
ID=Smp_343740;geneID=Smp_343740;previous_systematic_id=Smp_144910
SM_V9_4 Liftoff mRNA    36535526        36566318        .       +
       .
ID=Smp_343740.1;Parent=Smp_343740;geneID=Smp_343740;product=Collagen
alpha-2(I) chain;polypeptide_domain=InterPro:IPR000885,IPR008160
Pfam:PF01391,PF01410;Ontology_term=GO:0005201
SM_V9_4 Liftoff exon    36535526        36536008        .       +
       .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36545711        36545817        .       +
       .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36548569        36548928        .       +
       .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36550358        36550654        .       +
       .       Parent=Smp_343740.1
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SM_V9_4 Liftoff exon    36551819        36552430        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36555506        36555919        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36557620        36557869        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36558853        36559301        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36560385        36561231        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36562936        36563135        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36564653        36564850        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff exon    36566063        36566318        .       +
        .       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36535897        36536008        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36545711        36545817        .       +
        2       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36548569        36548928        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36550358        36550654        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36551819        36552430        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36555506        36555919        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36557620        36557869        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36558853        36559301        .       +
        2       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36560385        36561231        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36562936        36563135        .       +
        2       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36564653        36564850        .       +
        0       Parent=Smp_343740.1
SM_V9_4 Liftoff CDS     36566063        36566206        .       +
        0       Parent=Smp_343740.1
SM_V9_4 iris    gene    36637976        36666227        .       +
        .
ID=Smp_041770;geneID=Smp_041770;gene_name=Smp_041770;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36637976        36666227        .       +
        .
ID=Smp_041770.1;Parent=Smp_041770;geneID=Smp_041770;gene_name=Smp_04
1770;owner=irisadmin@local.host;orig_id=Smp_041770.1;date_last_modif
ied=2022-07-23;Name=Smp_041770.1;product=SRSF protein kinase
3;date_creation=2022-07-23
SM_V9_4 iris    exon    36637976        36638045        .       +
        .
Parent=Smp_041770.1;Name=84efb74d-860c-44d4-8dda-46fe57952333
SM_V9_4 iris    exon    36638144        36638222        .       +
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        .
Parent=Smp_041770.1;Name=1cda6dfb-5a61-43bf-83a2-9b319bd670bd
SM_V9_4 iris    exon    36638413        36638579        .       +
        .
Parent=Smp_041770.1;Name=9f529835-7d9c-4bce-9b04-19208ef90f73
SM_V9_4 iris    exon    36638616        36638724        .       +
        .       Parent=Smp_041770.1;Name=3823f374-029a-4689-9e02-
f87df331b633
SM_V9_4 iris    exon    36638760        36638847        .       +
        .       Parent=Smp_041770.1;Name=d613c19a-
b926-49ba-8b4c-4647176652e7
SM_V9_4 iris    exon    36638880        36638967        .       +
        .       Parent=Smp_041770.1;Name=ed1ad1af-e5fc-4418-
a8ee-4e6246f48aee
SM_V9_4 iris    exon    36639585        36639691        .       +
        .       Parent=Smp_041770.1;Name=153dea33-
f6e1-4e0d-82a2-851027ac3223
SM_V9_4 iris    exon    36641207        36641369        .       +
        .       Parent=Smp_041770.1;Name=31eba5a5-e2f0-4f3c-bc5a-
ef7fb26231c4
SM_V9_4 iris    exon    36643619        36643969        .       +
        .       Parent=Smp_041770.1;Name=0bfc5d84-7a40-4b8c-bb8b-
e266dc9cc6ed
SM_V9_4 iris    exon    36648870        36648985        .       +
        .       Parent=Smp_041770.1;Name=a1c7551a-c192-4858-809e-
ed21984c8920
SM_V9_4 iris    exon    36651101        36651598        .       +
        .
Parent=Smp_041770.1;Name=be5ea2d9-9bf6-419b-93b7-65545924809c
SM_V9_4 iris    exon    36657730        36657888        .       +
        .       Parent=Smp_041770.1;Name=3e322b30-535a-4824-
bc7c-7026e0c6f46e
SM_V9_4 iris    exon    36660057        36660219        .       +
        .       Parent=Smp_041770.1;Name=c24b4737-df03-4f3d-b636-
aff42d878e47
SM_V9_4 iris    exon    36660539        36661182        .       +
        .       Parent=Smp_041770.1;Name=0c10416b-cdd6-4a7a-
b500-75d3124dcf26
SM_V9_4 iris    exon    36663268        36666227        .       +
        .       Parent=Smp_041770.1;Name=5bbba0e2-b145-42d0-
b8c4-11076f4e00e7
SM_V9_4 iris    CDS     36638024        36638045        .       +
        0       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36638144        36638222        .       +
        2       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36638413        36638579        .       +
        1       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36638616        36638724        .       +
        2       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36638760        36638847        .       +
        1       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36638880        36638967        .       +
        0       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36639585        36639691        .       +
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        2       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36641207        36641369        .       +
        0       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36643619        36643969        .       +
        2       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36648870        36648985        .       +
        2       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36651101        36651598        .       +
        0       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36657730        36657888        .       +
        0       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36660057        36660219        .       +
        0       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36660539        36661182        .       +
        2       Parent=Smp_041770.1
SM_V9_4 iris    CDS     36663268        36664104        .       +
        0       Parent=Smp_041770.1
SM_V9_4 iris    gene    36736809        36756887        .       -
        .
ID=Smp_041760;geneID=Smp_041760;gene_name=Smp_041760;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36736809        36756887        .       -
        .
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ied=2022-07-23;Name=Smp_041760.1;product=Chromodomain-helicase-DNA-
binding protein 1;date_creation=2022-07-23
SM_V9_4 iris    exon    36736809        36737476        .       -
        .       Parent=Smp_041760.1;Name=4d1b21eb-9b8d-4a1e-8371-
f8e3a8859517
SM_V9_4 iris    exon    36737570        36738004        .       -
        .       Parent=Smp_041760.1;Name=e6831f5e-0971-4d38-
aaf6-09601c50b514
SM_V9_4 iris    exon    36739288        36739460        .       -
        .       Parent=Smp_041760.1;Name=2ada2572-d06f-45b1-9240-
d7c0685efc47
SM_V9_4 iris    exon    36741163        36744943        .       -
        .       Parent=Smp_041760.1;Name=8aa00d07-645b-46b1-8fdb-
fe57ad822b4c
SM_V9_4 iris    exon    36745631        36745702        .       -
        .       Parent=Smp_041760.1;Name=5fcf41c3-0ecc-446c-
bce0-4c0877215f88
SM_V9_4 iris    exon    36745911        36746077        .       -
        .
Parent=Smp_041760.1;Name=0ff1cc43-074c-4e8d-9a53-15903127a300
SM_V9_4 iris    exon    36748507        36748713        .       -
        .       Parent=Smp_041760.1;Name=ff45a8dd-89ca-45d9-
af48-96ced3e055f2
SM_V9_4 iris    exon    36748864        36748978        .       -
        .
Parent=Smp_041760.1;Name=8165c380-934b-4214-8c66-10a60f3e4810
SM_V9_4 iris    exon    36756488        36756887        .       -
        .       Parent=Smp_041760.1;Name=5ddb207f-3fa8-4b11-
b16e-9d22ce0bab67
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SM_V9_4 iris    CDS     36737008        36737476        .       -
        1       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36737570        36738004        .       -
        1       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36739288        36739460        .       -
        0       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36741163        36744943        .       -
        1       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36745631        36745702        .       -
        1       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36745911        36746077        .       -
        0       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36748507        36748713        .       -
        0       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36748864        36748978        .       -
        1       Parent=Smp_041760.1
SM_V9_4 iris    CDS     36756488        36756546        .       -
        0       Parent=Smp_041760.1
SM_V9_4 iris    gene    36767846        36786410        .       +
        .
ID=Smp_041750;geneID=Smp_041750;gene_name=Smp_041750;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36767846        36786410        .       +
        .
ID=Smp_041750.1;Parent=Smp_041750;geneID=Smp_041750;gene_name=Smp_04
1750;owner=irisadmin@local.host;orig_id=Smp_041750.1;date_last_modif
ied=2022-07-23;Name=Smp_041750.1;product=PWWP domain-containing
protein 2A;date_creation=2022-07-23
SM_V9_4 iris    exon    36767846        36768127        .       +
        .
Parent=Smp_041750.1;Name=f4c3bafb-060f-41dd-9c46-46ff84ee0631
SM_V9_4 iris    exon    36780043        36783963        .       +
        .       Parent=Smp_041750.1;Name=5db82676-4610-4151-8174-
cca71e90bddf
SM_V9_4 iris    exon    36785492        36786410        .       +
        .       Parent=Smp_041750.1;Name=e530532d-6f88-4506-9592-
b1f4263598ce
SM_V9_4 iris    CDS     36767976        36768127        .       +
        0       Parent=Smp_041750.1
SM_V9_4 iris    CDS     36780043        36783961        .       +
        1       Parent=Smp_041750.1
SM_V9_4 Liftoff gene    36801717        36803792        .       -
        .       ID=Smp_041740;geneID=Smp_041740
SM_V9_4 Liftoff mRNA    36801717        36803792        .       -
        .
ID=Smp_041740.1;Parent=Smp_041740;geneID=Smp_041740;product=T-
complex protein 1 subunit
gamma;polypeptide_domain=InterPro:IPR002194,IPR002423,IPR012719,IPR0
17998,IPR027409,IPR027413
Pfam:PF00118;Ontology_term=GO:0005524,GO:0006457,GO:0051082
SM_V9_4 Liftoff exon    36801717        36801862        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff exon    36801897        36802337        .       -
        .       Parent=Smp_041740.1
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SM_V9_4 Liftoff exon    36802372        36802678        .       -
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SM_V9_4 Liftoff exon    36802713        36802897        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff exon    36802920        36803034        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff exon    36803067        36803147        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff exon    36803180        36803300        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff exon    36803339        36803435        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff exon    36803467        36803642        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff exon    36803676        36803792        .       -
        .       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36801770        36801862        .       -
        0       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36801897        36802337        .       -
        0       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36802372        36802678        .       -
        1       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36802713        36802897        .       -
        0       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36802920        36803034        .       -
        1       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36803067        36803147        .       -
        1       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36803180        36803300        .       -
        2       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36803339        36803435        .       -
        0       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36803467        36803642        .       -
        2       Parent=Smp_041740.1
SM_V9_4 Liftoff CDS     36803676        36803706        .       -
        0       Parent=Smp_041740.1
SM_V9_4 iris    gene    36825076        36834800        .       +
        .
ID=Smp_041730;geneID=Smp_041730;gene_name=Smp_041730;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36825076        36834800        .       +
        .
ID=Smp_041730.1;Parent=Smp_041730;geneID=Smp_041730;gene_name=Smp_04
1730;owner=irisadmin@local.host;orig_id=Smp_041730.2;date_last_modif
ied=2022-07-23;Name=Smp_041730.1;product=Serine/arginine repetitive
matrix protein 2;date_creation=2022-07-23
SM_V9_4 iris    exon    36825076        36825146        .       +
        .       Parent=Smp_041730.1;Name=f25dd1ed-ea13-40b4-
bfee-15c6fa289131
SM_V9_4 iris    exon    36825816        36826119        .       +
        .       Parent=Smp_041730.1;Name=8757502c-e0f5-4f1c-a20f-
a1894726d336
SM_V9_4 iris    exon    36826151        36826462        .       +
        .       Parent=Smp_041730.1;Name=34cb3041-4c95-4004-
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a803-7187a3f49e9c
SM_V9_4 iris    exon    36834197        36834800        .       +
        .       Parent=Smp_041730.1;Name=1519ea7f-c2b4-48fe-
b2e2-62f93aedd466
SM_V9_4 iris    CDS     36825881        36826119        .       +
        0       Parent=Smp_041730.1
SM_V9_4 iris    CDS     36826151        36826462        .       +
        1       Parent=Smp_041730.1
SM_V9_4 iris    CDS     36834197        36834560        .       +
        1       Parent=Smp_041730.1
SM_V9_4 iris    gene    36842584        36859512        .       -
        .
ID=Smp_343730;geneID=Smp_343730;gene_name=Smp_343730;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36842584        36859512        .       -
        .
ID=Smp_343730.1;Parent=Smp_343730;geneID=Smp_343730;gene_name=Smp_34
3730;owner=irisadmin@local.host;orig_id=Smp_343730.1;date_last_modif
ied=2022-07-23;Name=Smp_343730.1;product=Cyclic AMP-responsive
element-binding protein 3-like protein 4;date_creation=2022-07-23
SM_V9_4 iris    exon    36842584        36843088        .       -
        .       Parent=Smp_343730.1;Name=76605fa1-5979-4667-992e-
d9be6380243b
SM_V9_4 iris    exon    36847266        36847441        .       -
        .       Parent=Smp_343730.1;Name=9a01d298-b8a2-4332-
bbd6-415b2170efb5
SM_V9_4 iris    exon    36849056        36849363        .       -
        .
Parent=Smp_343730.1;Name=805e1e97-97c1-4a85-8e88-9911b8e10b67
SM_V9_4 iris    exon    36850357        36850619        .       -
        .       Parent=Smp_343730.1;Name=95c5da90-edbb-41b7-ad38-
daf20361063f
SM_V9_4 iris    exon    36851709        36852205        .       -
        .       Parent=Smp_343730.1;Name=9de0e6c3-122d-4ff7-
a866-7a966fba2c1d
SM_V9_4 iris    exon    36858265        36858485        .       -
        .       Parent=Smp_343730.1;Name=fd6bd8a7-e04c-4f43-
acbd-64d06e1e1319
SM_V9_4 iris    exon    36858529        36858700        .       -
        .       Parent=Smp_343730.1;Name=539170d9-7417-406d-
be73-948113a3a478
SM_V9_4 iris    exon    36859428        36859512        .       -
        .       Parent=Smp_343730.1;Name=d24c255d-0ba6-415e-ba9a-
f88ef7c897f4
SM_V9_4 iris    CDS     36843074        36843088        .       -
        0       Parent=Smp_343730.1
SM_V9_4 iris    CDS     36847266        36847441        .       -
        2       Parent=Smp_343730.1
SM_V9_4 iris    CDS     36849056        36849363        .       -
        1       Parent=Smp_343730.1
SM_V9_4 iris    CDS     36850357        36850619        .       -
        0       Parent=Smp_343730.1
SM_V9_4 iris    CDS     36851709        36852205        .       -
        2       Parent=Smp_343730.1
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SM_V9_4 iris    CDS     36858265        36858469        .       -
        0       Parent=Smp_343730.1
SM_V9_4 iris    gene    36879826        36898979        .       +
        .
ID=Smp_130840;geneID=Smp_130840;gene_name=Smp_130840;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    36879826        36898979        .       +
        .
ID=Smp_130840.1;Parent=Smp_130840;geneID=Smp_130840;gene_name=Smp_13
0840;owner=irisadmin@local.host;orig_id=Smp_130840.1;date_last_modif
ied=2022-07-23;Name=Smp_130840.1;product=KAT8 regulatory NSL complex
subunit 3/Testis-expressed sequence 30
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    36879826        36879894        .       +
        .
Parent=Smp_130840.1;Name=043d58c6-0e54-4fcd-96b1-79488ee3a163
SM_V9_4 iris    exon    36880852        36881024        .       +
        .       Parent=Smp_130840.1;Name=403debe5-d515-4e1a-
aff4-7a91d2dd5763
SM_V9_4 iris    exon    36881062        36881210        .       +
        .       Parent=Smp_130840.1;Name=87a6dc68-b235-4abf-
a33d-8bbba89fecfd
SM_V9_4 iris    exon    36881253        36881353        .       +
        .       Parent=Smp_130840.1;Name=05b60197-
cc01-4951-8fba-5e5e298c4660
SM_V9_4 iris    exon    36881392        36881484        .       +
        .       Parent=Smp_130840.1;Name=8960d12a-6fb8-4b1a-
bf4b-246b77b4f75b
SM_V9_4 iris    exon    36884634        36884741        .       +
        .       Parent=Smp_130840.1;Name=f8ad24d7-e58a-4a27-
ba39-6c909c564a6a
SM_V9_4 iris    exon    36889017        36889151        .       +
        .       Parent=Smp_130840.1;Name=6529f76d-c872-4620-
bf1e-797e60a40981
SM_V9_4 iris    exon    36891017        36891268        .       +
        .       Parent=Smp_130840.1;Name=c79ea5de-e0d0-4b81-a9a0-
fb25b9d5c30a
SM_V9_4 iris    exon    36895538        36896128        .       +
        .       Parent=Smp_130840.1;Name=6ebd6ecf-
a42d-4564-9d92-3804e596ac85
SM_V9_4 iris    exon    36898481        36898979        .       +
        .       Parent=Smp_130840.1;Name=31a0268b-c05e-448e-8cad-
ea76c8db5363
SM_V9_4 iris    CDS     36880900        36881024        .       +
        0       Parent=Smp_130840.1
SM_V9_4 iris    CDS     36881062        36881210        .       +
        1       Parent=Smp_130840.1
SM_V9_4 iris    CDS     36881253        36881353        .       +
        2       Parent=Smp_130840.1
SM_V9_4 iris    CDS     36881392        36881484        .       +
        0       Parent=Smp_130840.1
SM_V9_4 iris    CDS     36884634        36884741        .       +
        0       Parent=Smp_130840.1
SM_V9_4 iris    CDS     36889017        36889151        .       +
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        0       Parent=Smp_130840.1
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SM_V9_4 iris    CDS     36895538        36896128        .       +
        0       Parent=Smp_130840.1
SM_V9_4 iris    CDS     36898481        36898582        .       +
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SM_V9_4 iris    gene    36899873        36911632        .       -
        .
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SM_V9_4 iris    mRNA    36899873        36911632        .       -
        .
ID=Smp_015900.1;Parent=Smp_015900;geneID=Smp_015900;gene_name=Smp_01
5900;owner=irisadmin@local.host;orig_id=Smp_015900.1;date_last_modif
ied=2022-07-23;Name=Smp_015900.1;product=Mitochondrial assembly of
ribosomal large subunit protein 1;date_creation=2022-07-23
SM_V9_4 iris    exon    36899873        36900355        .       -
        .       Parent=Smp_015900.1;Name=7da79a02-a12f-4457-
b2a8-1ab2f30631da
SM_V9_4 iris    exon    36902585        36902672        .       -
        .
Parent=Smp_015900.1;Name=1df2cf51-2fbd-428a-953d-718ddce579eb
SM_V9_4 iris    exon    36906159        36906322        .       -
        .       Parent=Smp_015900.1;Name=3046571d-3ad8-4f10-
be19-960d313257db
SM_V9_4 iris    exon    36906366        36906708        .       -
        .
Parent=Smp_015900.1;Name=2b0fa728-55b4-4f07-9cc6-0d49ac04b2c6
SM_V9_4 iris    exon    36911518        36911632        .       -
        .       Parent=Smp_015900.1;Name=4b709832-b102-4fc4-
b420-1ee18229b764
SM_V9_4 iris    CDS     36900171        36900355        .       -
        2       Parent=Smp_015900.1
SM_V9_4 iris    CDS     36902585        36902672        .       -
        0       Parent=Smp_015900.1
SM_V9_4 iris    CDS     36906159        36906322        .       -
        2       Parent=Smp_015900.1
SM_V9_4 iris    CDS     36906366        36906627        .       -
        0       Parent=Smp_015900.1
SM_V9_4 Liftoff gene    36929016        36930740        .       +
        .
ID=Smp_313740;geneID=Smp_313740;previous_systematic_id=Smp_015920
SM_V9_4 Liftoff mRNA    36929016        36930740        .       +
        .
ID=Smp_313740.1;Parent=Smp_313740;geneID=Smp_313740;product=Beta-1,4
-galactosyltransferase
5;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR02904
4 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_4 Liftoff exon    36929016        36930740        .       +
        .       Parent=Smp_313740.1
SM_V9_4 Liftoff CDS     36929152        36930210        .       +
        0       Parent=Smp_313740.1
SM_V9_4 Liftoff gene    36980064        36981748        .       +
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        .
ID=Smp_332670;geneID=Smp_332670;previous_systematic_id=Smp_015920
SM_V9_4 Liftoff mRNA    36980064        36981748        .       +
        .
ID=Smp_332670.1;Parent=Smp_332670;geneID=Smp_332670;product=Beta-1,4
-galactosyltransferase
5;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR02904
4 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_4 Liftoff exon    36980064        36981748        .       +
        .       Parent=Smp_332670.1
SM_V9_4 Liftoff CDS     36980204        36981262        .       +
        0       Parent=Smp_332670.1
SM_V9_4 Liftoff gene    37012981        37013598        .       +
        .       ID=Smp_130850;geneID=Smp_130850
SM_V9_4 Liftoff mRNA    37012981        37013598        .       +
        .
ID=Smp_130850.1;Parent=Smp_130850;geneID=Smp_130850;product=40S
ribosomal protein
S15-3;polypeptide_domain=InterPro:IPR002222,IPR005713,IPR020934,IPR0
23575
Pfam:PF00203;Ontology_term=GO:0003723,GO:0003735,GO:0005840,GO:00064
12,GO:0015935
SM_V9_4 Liftoff exon    37012981        37013034        .       +
        .       Parent=Smp_130850.1
SM_V9_4 Liftoff exon    37013071        37013156        .       +
        .       Parent=Smp_130850.1
SM_V9_4 Liftoff exon    37013194        37013326        .       +
        .       Parent=Smp_130850.1
SM_V9_4 Liftoff exon    37013357        37013598        .       +
        .       Parent=Smp_130850.1
SM_V9_4 Liftoff CDS     37013032        37013034        .       +
        0       Parent=Smp_130850.1
SM_V9_4 Liftoff CDS     37013071        37013156        .       +
        0       Parent=Smp_130850.1
SM_V9_4 Liftoff CDS     37013194        37013326        .       +
        1       Parent=Smp_130850.1
SM_V9_4 Liftoff CDS     37013357        37013572        .       +
        0       Parent=Smp_130850.1
SM_V9_4 Liftoff gene    37027884        37056942        .       +
        .
ID=Smp_342530;geneID=Smp_342530;previous_systematic_id=Smp_130860
SM_V9_4 Liftoff mRNA    37027884        37056942        .       +
        .
ID=Smp_342530.1;Parent=Smp_342530;geneID=Smp_342530;product=Aromatic
-L-amino-acid
decarboxylase;polypeptide_domain=InterPro:IPR002129,IPR010977,IPR015
421,IPR015422,IPR015424
Pfam:PF00282;Ontology_term=GO:0003824,GO:0006520,GO:0016831,GO:00197
52,GO:0030170
SM_V9_4 Liftoff exon    37027884        37030430        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37032853        37032966        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37038132        37038266        .       +
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SM_V9_4 Liftoff exon    37041767        37041922        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37045284        37045436        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37046994        37047060        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37048695        37048789        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37049862        37050017        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37052518        37052616        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37054236        37054337        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff exon    37056384        37056942        .       +
        .       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37030215        37030430        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37032853        37032966        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37038132        37038266        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37041767        37041922        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37045284        37045436        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37046994        37047060        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37048695        37048789        .       +
        2       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37049862        37050017        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37052518        37052616        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37054236        37054337        .       +
        0       Parent=Smp_342530.1
SM_V9_4 Liftoff CDS     37056384        37056662        .       +
        0       Parent=Smp_342530.1
SM_V9_4 iris    gene    37069034        37087060        .       +
        .
ID=Smp_342540;geneID=Smp_342540;gene_name=Smp_342540;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_4 iris    mRNA    37069034        37087060        .       +
        .
ID=Smp_342540.1;Parent=Smp_342540;geneID=Smp_342540;gene_name=Smp_34
2540;owner=irisadmin@local.host;orig_id=Smp_342540.1;date_last_modif
ied=2022-08-18;Name=Smp_342540.1;product=ETS domain-containing
protein Elk-1;date_creation=2022-08-18
SM_V9_4 iris    exon    37069034        37070307        .       +
        .
Parent=Smp_342540.1;Name=eed86164-958f-48d8-877d-052bb95d98e4
SM_V9_4 iris    exon    37084370        37087060        .       +
        .       Parent=Smp_342540.1;Name=16fb61cf-
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SM_V9_4 iris    CDS     37084370        37086511        .       +
        0       Parent=Smp_342540.1
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        .       ID=Smp_015980;geneID=Smp_015980
SM_V9_4 Liftoff mRNA    37089955        37092760        .       -
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ID=Smp_015980.1;Parent=Smp_015980;geneID=Smp_015980;product=ATP
synthase subunit e,
mitochondrial;polypeptide_domain=InterPro:IPR008386
Pfam:PF05680;Ontology_term=GO:0000276,GO:0015078,GO:0015986
SM_V9_4 Liftoff exon    37089955        37092760        .       -
        .       Parent=Smp_015980.1
SM_V9_4 Liftoff CDS     37090041        37090310        .       -
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SM_V9_4 Liftoff gene    37099943        37130657        .       +
        .
ID=Smp_342550;geneID=Smp_342550;previous_systematic_id=Smp_130880
SM_V9_4 Liftoff mRNA    37099943        37130657        .       +
        .
ID=Smp_342550.1;Parent=Smp_342550;geneID=Smp_342550;product=Protein
rolling stone
SM_V9_4 Liftoff exon    37099943        37106107        .       +
        .       Parent=Smp_342550.1
SM_V9_4 Liftoff exon    37113175        37113276        .       +
        .       Parent=Smp_342550.1
SM_V9_4 Liftoff exon    37129112        37130657        .       +
        .       Parent=Smp_342550.1
SM_V9_4 Liftoff CDS     37105951        37106107        .       +
        0       Parent=Smp_342550.1
SM_V9_4 Liftoff CDS     37113175        37113276        .       +
        2       Parent=Smp_342550.1
SM_V9_4 Liftoff CDS     37129112        37129599        .       +
        2       Parent=Smp_342550.1
SM_V9_4 Liftoff gene    37146054        37147763        .       +
        .       ID=Smp_177780;geneID=Smp_177780
SM_V9_4 Liftoff mRNA    37146054        37147763        .       +
        .
ID=Smp_177780.1;Parent=Smp_177780;geneID=Smp_177780;product=Proton-
coupled folate
transporter;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_4 Liftoff exon    37146054        37147763        .       +
        .       Parent=Smp_177780.1
SM_V9_4 Liftoff CDS     37146107        37147681        .       +
        0       Parent=Smp_177780.1
SM_V9_4 Liftoff gene    37152657        37154672        .       -
        .       ID=Smp_108610;geneID=Smp_108610
SM_V9_4 Liftoff mRNA    37152657        37154672        .       -
        .
ID=Smp_108610.1;Parent=Smp_108610;geneID=Smp_108610;product=Solute
carrier family 46 member 3;polypeptide_domain=InterPro:IPR020846
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SM_V9_4 Liftoff exon    37152657        37154672        .       -
        .       Parent=Smp_108610.1
SM_V9_4 Liftoff CDS     37152826        37154538        .       -
        0       Parent=Smp_108610.1
SM_V9_4 Liftoff gene    37162153        37174290        .       -
        .
ID=Smp_313760;geneID=Smp_313760;previous_systematic_id=Smp_015920
SM_V9_4 Liftoff mRNA    37162153        37174227        .       -
        .
ID=Smp_313760.2;Parent=Smp_313760;geneID=Smp_313760;product=Beta-1,4
-galactosyltransferase
1;polypeptide_domain=InterPro:IPR003859,IPR027995,IPR029044
Pfam:PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_4 Liftoff exon    37162153        37162527        .       -
        .       Parent=Smp_313760.2
SM_V9_4 Liftoff exon    37173466        37174227        .       -
        .       Parent=Smp_313760.2
SM_V9_4 Liftoff CDS     37162249        37162527        .       -
        0       Parent=Smp_313760.2
SM_V9_4 Liftoff CDS     37173466        37174155        .       -
        0       Parent=Smp_313760.2
SM_V9_4 Liftoff mRNA    37172730        37174290        .       -
        .
ID=Smp_313760.1;Parent=Smp_313760;geneID=Smp_313760;product=Beta-1,4
-galactosyltransferase
5;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR02904
4 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_4 Liftoff exon    37172730        37174290        .       -
        .       Parent=Smp_313760.1
SM_V9_4 Liftoff CDS     37173097        37174155        .       -
        0       Parent=Smp_313760.1
SM_V9_4 iris    gene    37185473        37271582        .       -
        .
ID=Smp_130890;geneID=Smp_130890;gene_name=Smp_130890;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    37185473        37271582        .       -
        .
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0890;owner=irisadmin@local.host;orig_id=Smp_130890.1;date_last_modif
ied=2022-07-23;Name=Smp_130890.1;product=Transient receptor
potential cation channel subfamily M member
1;date_creation=2022-07-23
SM_V9_4 iris    exon    37185473        37185751        .       -
        .       Parent=Smp_130890.1;Name=2417e461-
cdb6-4bc8-9235-03a88c3b7345
SM_V9_4 iris    exon    37194725        37194838        .       -
        .       Parent=Smp_130890.1;Name=40d56196-
e740-46d5-9f3e-06032c337c3e
SM_V9_4 iris    exon    37197696        37197848        .       -
        .       Parent=Smp_130890.1;Name=dd44e3e2-1335-4853-87db-
a072b243325c
SM_V9_4 iris    exon    37199944        37200313        .       -
        .       Parent=Smp_130890.1;Name=ffbb789d-3c2d-44b1-
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        .       Parent=Smp_130890.1;Name=0e6ae6db-
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SM_V9_4 iris    exon    37203955        37204201        .       -
        .       Parent=Smp_130890.1;Name=6133ed10-8e1c-4f95-af4b-
aded3650676f
SM_V9_4 iris    exon    37206208        37206365        .       -
        .       Parent=Smp_130890.1;Name=1c6dbdac-
af0f-4b66-8da9-486d5c046644
SM_V9_4 iris    exon    37210034        37210452        .       -
        .       Parent=Smp_130890.1;Name=c5ba16b7-45c8-408f-837d-
e2ccc9aec956
SM_V9_4 iris    exon    37211173        37211384        .       -
        .       Parent=Smp_130890.1;Name=313f25e4-996b-4463-
bed8-0448b9a7d05d
SM_V9_4 iris    exon    37214116        37214242        .       -
        .       Parent=Smp_130890.1;Name=282ac791-541f-48aa-9476-
facceddaf9bd
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        .       Parent=Smp_130890.1;Name=115abe3b-8d88-46a8-a7e4-
a4cc41dc8a89
SM_V9_4 iris    exon    37218686        37218809        .       -
        .
Parent=Smp_130890.1;Name=b9b38ef9-0d0f-47b8-8f57-77679a7a2091
SM_V9_4 iris    exon    37220404        37220901        .       -
        .
Parent=Smp_130890.1;Name=e77fcc0d-6d3b-45b3-8499-7dad41ef0f27
SM_V9_4 iris    exon    37223730        37223858        .       -
        .       Parent=Smp_130890.1;Name=43ffa66e-
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SM_V9_4 iris    exon    37227021        37227090        .       -
        .       Parent=Smp_130890.1;Name=c9021fb7-af6f-4a04-8912-
d7567e908cdc
SM_V9_4 iris    exon    37229985        37230091        .       -
        .       Parent=Smp_130890.1;Name=2a6ad1b8-6e85-409d-
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SM_V9_4 iris    exon    37232898        37232999        .       -
        .       Parent=Smp_130890.1;Name=4958e44c-7780-420f-
be13-783efd6a8c79
SM_V9_4 iris    exon    37233938        37234163        .       -
        .       Parent=Smp_130890.1;Name=18e7c048-e811-4403-9409-
a7aa043897e3
SM_V9_4 iris    exon    37234612        37234712        .       -
        .       Parent=Smp_130890.1;Name=68765833-2bc3-48fe-9ef0-
d39bab516c14
SM_V9_4 iris    exon    37236641        37236753        .       -
        .
Parent=Smp_130890.1;Name=7f79bc19-7c01-4abb-9cbe-71e39c1afe64
SM_V9_4 iris    exon    37238593        37238625        .       -
        .       Parent=Smp_130890.1;Name=f7134f10-c1ab-4e06-86eb-
ebd5e271170c
SM_V9_4 iris    exon    37239556        37239969        .       -
        .       Parent=Smp_130890.1;Name=07d0d513-7ff4-4784-
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SM_V9_4 iris    exon    37241492        37242217        .       -
        .       Parent=Smp_130890.1;Name=4f320a9e-9815-4bc4-
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SM_V9_4 iris    exon    37243499        37243733        .       -
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b403-7ee15c9ad1d7
SM_V9_4 iris    exon    37245646        37245795        .       -
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        .       Parent=Smp_130890.1;Name=969bfa8a-49f6-41b7-
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SM_V9_4 iris    exon    37252536        37252858        .       -
        .       Parent=Smp_130890.1;Name=72f0beba-1e5f-45de-
a614-5639a06065b6
SM_V9_4 iris    exon    37254618        37254718        .       -
        .       Parent=Smp_130890.1;Name=81020761-f859-4ba6-bc6c-
a0b649a9d457
SM_V9_4 iris    exon    37257575        37257955        .       -
        .       Parent=Smp_130890.1;Name=93af4cd0-40e4-4546-
bd56-354b5a765b5c
SM_V9_4 iris    exon    37260498        37260587        .       -
        .       Parent=Smp_130890.1;Name=2f6fa174-e054-4e04-
a732-37d4f2a78a26
SM_V9_4 iris    exon    37261880        37262191        .       -
        .       Parent=Smp_130890.1;Name=597577cd-54aa-4101-
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SM_V9_4 iris    exon    37263235        37263401        .       -
        .       Parent=Smp_130890.1;Name=9e2a2c83-24e2-4b11-984c-
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SM_V9_4 iris    exon    37263925        37264099        .       -
        .       Parent=Smp_130890.1;Name=1eee9f63-
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SM_V9_4 iris    exon    37270621        37270877        .       -
        .
Parent=Smp_130890.1;Name=a63452a1-10d9-4281-8c32-36a2da67fdc7
SM_V9_4 iris    exon    37271490        37271582        .       -
        .       Parent=Smp_130890.1;Name=532e6ad6-8174-4a70-b399-
a77682c450a6
SM_V9_4 iris    CDS     37185587        37185751        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37194725        37194838        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37197696        37197848        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37199944        37200313        .       -
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SM_V9_4 iris    CDS     37202571        37202656        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37203955        37204201        .       -
        1       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37206208        37206365        .       -
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SM_V9_4 iris    CDS     37210034        37210452        .       -
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SM_V9_4 iris    CDS     37214116        37214242        .       -
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SM_V9_4 iris    CDS     37216738        37216851        .       -
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SM_V9_4 iris    CDS     37218686        37218809        .       -
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SM_V9_4 iris    CDS     37220404        37220901        .       -
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SM_V9_4 iris    CDS     37227021        37227090        .       -
        1       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37229985        37230091        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37232898        37232999        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37233938        37234163        .       -
        1       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37234612        37234712        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37236641        37236753        .       -
        2       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37238593        37238625        .       -
        2       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37239556        37239969        .       -
        2       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37241492        37242217        .       -
        2       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37243499        37243733        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37245646        37245795        .       -
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SM_V9_4 iris    CDS     37250819        37250934        .       -
        2       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37252536        37252858        .       -
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SM_V9_4 iris    CDS     37254618        37254718        .       -
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SM_V9_4 iris    CDS     37257575        37257955        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37260498        37260587        .       -
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SM_V9_4 iris    CDS     37261880        37262191        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37263235        37263401        .       -
        2       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37263925        37264099        .       -
        0       Parent=Smp_130890.1
SM_V9_4 iris    CDS     37270621        37270877        .       -
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SM_V9_4 iris    CDS     37271490        37271529        .       -
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ID=Smp_130900.1;Parent=Smp_130900;geneID=Smp_130900;product=Catenin
alpha-1;polypeptide_domain=InterPro:IPR001033,IPR006077
Pfam:PF01044;Ontology_term=GO:0007155,GO:0045296,GO:0051015
SM_V9_4 Liftoff exon    37278689        37279839        .       -
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SM_V9_4 Liftoff exon    37289044        37289330        .       -
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SM_V9_4 Liftoff exon    37297109        37297538        .       -
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SM_V9_4 Liftoff exon    37302051        37302209        .       -
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SM_V9_4 Liftoff exon    37303170        37303331        .       -
        .       Parent=Smp_130900.1
SM_V9_4 Liftoff exon    37305626        37305826        .       -
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SM_V9_4 Liftoff exon    37309889        37310092        .       -
        .       Parent=Smp_130900.1
SM_V9_4 Liftoff exon    37313166        37313339        .       -
        .       Parent=Smp_130900.1
SM_V9_4 Liftoff exon    37314914        37315078        .       -
        .       Parent=Smp_130900.1
SM_V9_4 Liftoff exon    37315996        37316304        .       -
        .       Parent=Smp_130900.1
SM_V9_4 Liftoff exon    37316342        37316580        .       -
        .       Parent=Smp_130900.1
SM_V9_4 Liftoff CDS     37279555        37279839        .       -
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SM_V9_4 Liftoff CDS     37282371        37282559        .       -
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SM_V9_4 Liftoff CDS     37289044        37289330        .       -
        2       Parent=Smp_130900.1
SM_V9_4 Liftoff CDS     37297109        37297538        .       -
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SM_V9_4 Liftoff CDS     37300401        37300556        .       -
        0       Parent=Smp_130900.1
SM_V9_4 Liftoff CDS     37302051        37302209        .       -
        0       Parent=Smp_130900.1
SM_V9_4 Liftoff CDS     37303170        37303331        .       -
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SM_V9_4 Liftoff CDS     37305626        37305826        .       -
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SM_V9_4 Liftoff CDS     37309889        37310092        .       -
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SM_V9_4 Liftoff CDS     37313166        37313339        .       -
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SM_V9_4 Liftoff CDS     37315996        37316304        .       -
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SM_V9_4 Liftoff CDS     37316342        37316404        .       -
        0       Parent=Smp_130900.1
SM_V9_4 Liftoff gene    37327286        37331621        .       +
        .       ID=Smp_080100;geneID=Smp_080100
SM_V9_4 Liftoff mRNA    37327286        37331621        .       +
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hysin;polypeptide_domain=InterPro:IPR001285,IPR008253
Pfam:PF01284;Ontology_term=GO:0005215,GO:0006810,GO:0008021,GO:00160
20
SM_V9_4 Liftoff exon    37327286        37327419        .       +
        .       Parent=Smp_080100.1
SM_V9_4 Liftoff exon    37327462        37327518        .       +
        .       Parent=Smp_080100.1
SM_V9_4 Liftoff exon    37327554        37327675        .       +
        .       Parent=Smp_080100.1
SM_V9_4 Liftoff exon    37327707        37327893        .       +
        .       Parent=Smp_080100.1
SM_V9_4 Liftoff exon    37327928        37328107        .       +
        .       Parent=Smp_080100.1
SM_V9_4 Liftoff exon    37331033        37331621        .       +
        .       Parent=Smp_080100.1
SM_V9_4 Liftoff CDS     37327405        37327419        .       +
        0       Parent=Smp_080100.1
SM_V9_4 Liftoff CDS     37327462        37327518        .       +
        0       Parent=Smp_080100.1
SM_V9_4 Liftoff CDS     37327554        37327675        .       +
        0       Parent=Smp_080100.1
SM_V9_4 Liftoff CDS     37327707        37327893        .       +
        1       Parent=Smp_080100.1
SM_V9_4 Liftoff CDS     37327928        37328107        .       +
        0       Parent=Smp_080100.1
SM_V9_4 Liftoff CDS     37331033        37331167        .       +
        0       Parent=Smp_080100.1
SM_V9_4 iris    gene    37361453        37373740        .       -
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    37361453        37373740        .       -
        .
ID=Smp_080110.1;Parent=Smp_080110;geneID=Smp_080110;gene_name=Smp_08
0110;owner=irisadmin@local.host;orig_id=Smp_080110.1;date_last_modif
ied=2022-07-23;Name=Smp_080110.1;product=Coiled-coil domain-
containing protein 12;date_creation=2022-07-23
SM_V9_4 iris    exon    37361453        37361646        .       -
        .       Parent=Smp_080110.1;Name=43af1c3d-cb9c-4a5e-
ab89-1c6be1cfad57
SM_V9_4 iris    exon    37361981        37362092        .       -
        .
Parent=Smp_080110.1;Name=c8b6ea39-1827-4f55-8e0b-9f68dc957b02
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SM_V9_4 iris    exon    37373110        37373740        .       -
        .       Parent=Smp_080110.1;Name=d986eaf1-
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SM_V9_4 iris    CDS     37361576        37361646        .       -
        2       Parent=Smp_080110.1
SM_V9_4 iris    CDS     37361981        37362092        .       -
        0       Parent=Smp_080110.1
SM_V9_4 iris    CDS     37365211        37365272        .       -
        2       Parent=Smp_080110.1
SM_V9_4 iris    CDS     37373110        37373428        .       -
        0       Parent=Smp_080110.1
SM_V9_4 Liftoff gene    37374133        37395030        .       -
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ID=Smp_334370;geneID=Smp_334370;previous_systematic_id=Smp_080120,Sm
p_212110
SM_V9_4 Liftoff mRNA    37374133        37395030        .       -
        .
ID=Smp_334370.1;Parent=Smp_334370;geneID=Smp_334370;product=TGF-beta
receptor, Hybrid Protein Kinase, TKL group, STKR family, Type2
Subfamily (Type II Serine/Threonine Kinase A
(SmRK2a));evidence=Traceable Author
Statement;literature=PMID:15478794
PMID:16789838;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR011
009 Pfam:PF07714;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_4 Liftoff exon    37374133        37376492        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff exon    37381145        37381429        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff exon    37383077        37383397        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff exon    37385281        37385547        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff exon    37390523        37390741        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff exon    37390778        37391007        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff exon    37394619        37394751        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff exon    37394785        37395030        .       -
        .       Parent=Smp_334370.1
SM_V9_4 Liftoff CDS     37375671        37376492        .       -
        0       Parent=Smp_334370.1
SM_V9_4 Liftoff CDS     37381145        37381429        .       -
        0       Parent=Smp_334370.1
SM_V9_4 Liftoff CDS     37383077        37383397        .       -
        0       Parent=Smp_334370.1
SM_V9_4 Liftoff CDS     37385281        37385547        .       -
        0       Parent=Smp_334370.1
SM_V9_4 Liftoff CDS     37390523        37390741        .       -
        0       Parent=Smp_334370.1
SM_V9_4 Liftoff CDS     37390778        37391007        .       -
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SM_V9_4 Liftoff CDS     37394619        37394751        .       -
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SM_V9_4 Liftoff CDS     37394785        37394943        .       -
        0       Parent=Smp_334370.1
SM_V9_4 Liftoff gene    37403435        37404826        .       +
        .       ID=Smp_080130;geneID=Smp_080130
SM_V9_4 Liftoff mRNA    37403435        37404826        .       +
        .
ID=Smp_080130.1;Parent=Smp_080130;geneID=Smp_080130;product=Protein-
S-isoprenylcysteine O-
methyltransferase;polypeptide_domain=InterPro:IPR007269,IPR025770
Pfam:PF04140;Ontology_term=GO:0004671,GO:0005783,GO:0006481,GO:00160
21
SM_V9_4 Liftoff exon    37403435        37404826        .       +
        .       Parent=Smp_080130.1
SM_V9_4 Liftoff CDS     37403647        37404579        .       +
        0       Parent=Smp_080130.1
SM_V9_4 Liftoff gene    37405136        37406966        .       +
        .       ID=Smp_165320;geneID=Smp_165320
SM_V9_4 Liftoff mRNA    37405136        37406966        .       +
        .
ID=Smp_165320.1;Parent=Smp_165320;geneID=Smp_165320;product=Poly(A)
RNA polymerase, mitochondrial;polypeptide_domain=InterPro:IPR002934
Pfam:PF01909;Ontology_term=GO:0016779
SM_V9_4 Liftoff exon    37405136        37406966        .       +
        .       Parent=Smp_165320.1
SM_V9_4 Liftoff CDS     37405299        37406930        .       +
        0       Parent=Smp_165320.1
SM_V9_4 Liftoff gene    37407022        37410224        .       +
        .       ID=Smp_080150;geneID=Smp_080150
SM_V9_4 Liftoff mRNA    37407022        37410224        .       +
        .
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-prolyl cis-trans isomerase-like
3;polypeptide_domain=InterPro:IPR002130,IPR020892,IPR024936,IPR02900
0 Pfam:PF00160;Ontology_term=GO:0000413,GO:0003755,GO:0006457
SM_V9_4 Liftoff exon    37407022        37407167        .       +
        .       Parent=Smp_080150.1
SM_V9_4 Liftoff exon    37407221        37407288        .       +
        .       Parent=Smp_080150.1
SM_V9_4 Liftoff exon    37407329        37407447        .       +
        .       Parent=Smp_080150.1
SM_V9_4 Liftoff exon    37409978        37410224        .       +
        .       Parent=Smp_080150.1
SM_V9_4 Liftoff CDS     37407050        37407167        .       +
        0       Parent=Smp_080150.1
SM_V9_4 Liftoff CDS     37407221        37407288        .       +
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SM_V9_4 Liftoff CDS     37407329        37407447        .       +
        0       Parent=Smp_080150.1
SM_V9_4 Liftoff CDS     37409978        37410104        .       +
        1       Parent=Smp_080150.1
SM_V9_4 iris    gene    37410902        37426647        .       +
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SM_V9_4 iris    mRNA    37410902        37426647        .       +
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5330;owner=irisadmin@local.host;orig_id=Smp_165330.1;date_last_modif
ied=2022-07-23;Name=Smp_165330.1;product=GPN-loop GTPase
2;date_creation=2022-07-23
SM_V9_4 iris    exon    37410902        37410983        .       +
        .       Parent=Smp_165330.1;Name=12ee3b34-1fac-4851-88e4-
e906aaf9bbe7
SM_V9_4 iris    exon    37413247        37413428        .       +
        .       Parent=Smp_165330.1;Name=98161e57-6a1b-45fe-
ba9b-9d4099d6d85b
SM_V9_4 iris    exon    37415999        37416243        .       +
        .       Parent=Smp_165330.1;Name=b0153f63-573d-4ac2-888c-
bd247b1a87cd
SM_V9_4 iris    exon    37425580        37426647        .       +
        .
Parent=Smp_165330.1;Name=10d743c9-40e3-48bb-8003-6a97a92600b0
SM_V9_4 iris    CDS     37413296        37413428        .       +
        0       Parent=Smp_165330.1
SM_V9_4 iris    CDS     37415999        37416243        .       +
        2       Parent=Smp_165330.1
SM_V9_4 iris    CDS     37425580        37426323        .       +
        0       Parent=Smp_165330.1
SM_V9_4 Liftoff gene    37451966        37468488        .       -
        .       ID=Smp_080180;geneID=Smp_080180
SM_V9_4 Liftoff mRNA    37451966        37468488        .       -
        .
ID=Smp_080180.1;Parent=Smp_080180;geneID=Smp_080180;product=Ras
association domain-containing protein
8;polypeptide_domain=InterPro:IPR000159,IPR029071
Pfam:PF00788;Ontology_term=GO:0007165
SM_V9_4 Liftoff exon    37451966        37452272        .       -
        .       Parent=Smp_080180.1
SM_V9_4 Liftoff exon    37454141        37454405        .       -
        .       Parent=Smp_080180.1
SM_V9_4 Liftoff exon    37459376        37459468        .       -
        .       Parent=Smp_080180.1
SM_V9_4 Liftoff exon    37461570        37461913        .       -
        .       Parent=Smp_080180.1
SM_V9_4 Liftoff exon    37468273        37468488        .       -
        .       Parent=Smp_080180.1
SM_V9_4 Liftoff CDS     37452119        37452272        .       -
        1       Parent=Smp_080180.1
SM_V9_4 Liftoff CDS     37454141        37454405        .       -
        2       Parent=Smp_080180.1
SM_V9_4 Liftoff CDS     37459376        37459468        .       -
        2       Parent=Smp_080180.1
SM_V9_4 Liftoff CDS     37461570        37461913        .       -
        1       Parent=Smp_080180.1
SM_V9_4 Liftoff CDS     37468273        37468466        .       -
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ID=Smp_165340.1;Parent=Smp_165340;geneID=Smp_165340;product=Alpha-
tocopherol transfer protein-
like;polypeptide_domain=InterPro:IPR001251,IPR011074 Pfam:PF00650
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SM_V9_4 Liftoff exon    37478789        37478900        .       -
        .       Parent=Smp_165340.1
SM_V9_4 Liftoff exon    37480496        37480606        .       -
        .       Parent=Smp_165340.1
SM_V9_4 Liftoff exon    37482652        37482848        .       -
        .       Parent=Smp_165340.1
SM_V9_4 Liftoff exon    37482906        37482964        .       -
        .       Parent=Smp_165340.1
SM_V9_4 Liftoff exon    37484821        37484992        .       -
        .       Parent=Smp_165340.1
SM_V9_4 Liftoff exon    37497494        37497668        .       -
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SM_V9_4 Liftoff CDS     37476516        37476694        .       -
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SM_V9_4 Liftoff CDS     37478789        37478900        .       -
        0       Parent=Smp_165340.1
SM_V9_4 Liftoff CDS     37480496        37480606        .       -
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SM_V9_4 Liftoff CDS     37482652        37482848        .       -
        2       Parent=Smp_165340.1
SM_V9_4 Liftoff CDS     37482906        37482964        .       -
        1       Parent=Smp_165340.1
SM_V9_4 Liftoff CDS     37484821        37484992        .       -
        2       Parent=Smp_165340.1
SM_V9_4 Liftoff CDS     37497494        37497641        .       -
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SM_V9_4 Liftoff mRNA    37519312        37540736        .       +
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Pfam:PF00650;Ontology_term=GO:0005215,GO:0005622,GO:0006810
SM_V9_4 Liftoff exon    37519312        37519648        .       +
        .       Parent=Smp_080210.1
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        .       Parent=Smp_080210.1
SM_V9_4 Liftoff exon    37525918        37525976        .       +
        .       Parent=Smp_080210.1
SM_V9_4 Liftoff exon    37530101        37530297        .       +
        .       Parent=Smp_080210.1
SM_V9_4 Liftoff exon    37532032        37532142        .       +
        .       Parent=Smp_080210.1
SM_V9_4 Liftoff exon    37538021        37538132        .       +
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SM_V9_4 Liftoff CDS     37525918        37525976        .       +
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SM_V9_4 Liftoff CDS     37530101        37530297        .       +
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SM_V9_4 Liftoff CDS     37532032        37532142        .       +
        0       Parent=Smp_080210.1
SM_V9_4 Liftoff CDS     37538021        37538132        .       +
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SM_V9_4 Liftoff CDS     37540360        37540541        .       +
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1;polypeptide_domain=InterPro:IPR011989,IPR016024,IPR024395,IPR03408
5 Pfam:PF12348;Ontology_term=GO:0005488
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        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37549552        37549680        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37552700        37552826        .       -
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        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37561978        37562031        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37563758        37563797        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37565026        37565500        .       -
        .       Parent=Smp_165350.1
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        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37569549        37569739        .       -
        .       Parent=Smp_165350.1
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SM_V9_4 Liftoff exon    37573655        37573818        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37574120        37574183        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37575972        37576075        .       -
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        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37584036        37584383        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37587604        37587693        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37588994        37589292        .       -
        .       Parent=Smp_165350.1
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        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37592086        37592156        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37595000        37595135        .       -
        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37596533        37596678        .       -
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        .       Parent=Smp_165350.1
SM_V9_4 Liftoff exon    37597242        37597303        .       -
        .       Parent=Smp_165350.1
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SM_V9_4 Liftoff CDS     37549552        37549680        .       -
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SM_V9_4 Liftoff CDS     37561234        37561294        .       -
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SM_V9_4 Liftoff CDS     37561978        37562031        .       -
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SM_V9_4 Liftoff CDS     37563758        37563797        .       -
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SM_V9_4 Liftoff CDS     37565026        37565500        .       -
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SM_V9_4 Liftoff CDS     37569549        37569739        .       -
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SM_V9_4 Liftoff CDS     37575972        37576075        .       -
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SM_V9_4 Liftoff CDS     37584036        37584383        .       -
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SM_V9_4 Liftoff CDS     37588994        37589292        .       -
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SM_V9_4 Liftoff CDS     37590303        37590440        .       -
        1       Parent=Smp_165350.1
SM_V9_4 Liftoff CDS     37592086        37592156        .       -
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SM_V9_4 Liftoff exon    37588994        37589292        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37590303        37590440        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37592086        37592156        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37595000        37595135        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37596533        37596678        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37597106        37597198        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37597242        37597303        .       -
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        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37597856        37597897        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff exon    37598119        37615758        .       -
        .       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37544476        37544553        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37546323        37546439        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37548163        37548369        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37549552        37549680        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37552700        37552826        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37561234        37561294        .       -
        2       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37561978        37562031        .       -
        2       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37563758        37563797        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37565026        37565500        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37568942        37569004        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37569549        37569739        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37571791        37572016        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37573655        37573818        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37574120        37574183        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37575972        37576075        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37579157        37579306        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37581193        37581236        .       -
        2       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37584036        37584383        .       -
        2       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37587604        37587693        .       -
        2       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37588994        37589292        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37590303        37590440        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37592086        37592156        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37595000        37595135        .       -
        1       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37596533        37596678        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37597106        37597198        .       -
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        0       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37597242        37597303        .       -
        2       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37597856        37597897        .       -
        2       Parent=Smp_165350.5
SM_V9_4 Liftoff CDS     37598119        37598185        .       -
        0       Parent=Smp_165350.5
SM_V9_4 Liftoff gene    37625437        37640678        .       -
        .       ID=Smp_165360;geneID=Smp_165360
SM_V9_4 Liftoff mRNA    37625437        37640678        .       -
        .
ID=Smp_165360.1;Parent=Smp_165360;geneID=Smp_165360;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR004094;Ontology_term=GO:00048
67
SM_V9_4 Liftoff exon    37625437        37626376        .       -
        .       Parent=Smp_165360.1
SM_V9_4 Liftoff exon    37631071        37631866        .       -
        .       Parent=Smp_165360.1
SM_V9_4 Liftoff exon    37639661        37640678        .       -
        .       Parent=Smp_165360.1
SM_V9_4 Liftoff CDS     37625676        37626376        .       -
        2       Parent=Smp_165360.1
SM_V9_4 Liftoff CDS     37631071        37631866        .       -
        0       Parent=Smp_165360.1
SM_V9_4 Liftoff CDS     37639661        37640509        .       -
        0       Parent=Smp_165360.1
SM_V9_4 iris    gene    37648663        37795441        .       +
        .
ID=Smp_329650;geneID=Smp_329650;gene_name=Smp_329650;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_4 iris    mRNA    37648663        37795441        .       +
        .
ID=Smp_329650.1;Parent=Smp_329650;geneID=Smp_329650;gene_name=Smp_32
9650;owner=irisadmin@local.host;orig_id=Smp_329650.1;date_last_modif
ied=2022-11-12;Name=Smp_329650.1;product=Cell wall adhesin
EAP1;date_creation=2022-11-12
SM_V9_4 iris    exon    37648663        37649314        .       +
        .       Parent=Smp_329650.1;Name=f1c5b62f-e2f7-40e9-
bfa8-3103e82f42ab
SM_V9_4 iris    exon    37684586        37684805        .       +
        .       Parent=Smp_329650.1;Name=68a344f1-
e5c9-452b-8404-32b1faa16aa8
SM_V9_4 iris    exon    37692400        37692528        .       +
        .       Parent=Smp_329650.1;Name=acf25472-fad0-41f3-
b873-3c166606aaa0
SM_V9_4 iris    exon    37694261        37695038        .       +
        .
Parent=Smp_329650.1;Name=043dbe76-9413-4804-93d2-687f95057958
SM_V9_4 iris    exon    37698280        37699673        .       +
        .
Parent=Smp_329650.1;Name=7a58a3f1-9181-4395-977c-38cfc491a9a8
SM_V9_4 iris    exon    37717523        37717885        .       +
        .
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Parent=Smp_329650.1;Name=28cb14fa-29b2-45cd-89a7-3d00a99e7b13
SM_V9_4 iris    exon    37742782        37746841        .       +
        .
Parent=Smp_329650.1;Name=0c36a43b-648d-4b54-84c6-6ebb3540cdc4
SM_V9_4 iris    exon    37753968        37754041        .       +
        .       Parent=Smp_329650.1;Name=268fe009-da28-49fc-
b886-051b04e9561f
SM_V9_4 iris    exon    37757960        37758056        .       +
        .       Parent=Smp_329650.1;Name=f02ac40e-
d6fc-4612-9b0e-402a57c93162
SM_V9_4 iris    exon    37760021        37760143        .       +
        .       Parent=Smp_329650.1;Name=f2341557-07c1-4ab4-b640-
b755b64b53df
SM_V9_4 iris    exon    37760264        37760412        .       +
        .       Parent=Smp_329650.1;Name=a41c2b6d-aa18-49e3-
b3ab-6c614de764b0
SM_V9_4 iris    exon    37763062        37763948        .       +
        .       Parent=Smp_329650.1;Name=feea6b6d-5354-408a-
a4f1-105069483429
SM_V9_4 iris    exon    37764012        37764221        .       +
        .       Parent=Smp_329650.1;Name=966b3176-4a42-4dc3-80a5-
d44f33d31f09
SM_V9_4 iris    exon    37770749        37770945        .       +
        .       Parent=Smp_329650.1;Name=cc8296bd-af6c-4dfd-ba23-
ffa999d46e93
SM_V9_4 iris    exon    37773807        37774198        .       +
        .       Parent=Smp_329650.1;Name=7c0f744e-7c2e-4e35-8f1e-
bd6c0baae8c5
SM_V9_4 iris    exon    37776353        37776400        .       +
        .
Parent=Smp_329650.1;Name=9fbedfae-2df2-434a-8a53-90ae5b1322bc
SM_V9_4 iris    exon    37783594        37783730        .       +
        .       Parent=Smp_329650.1;Name=df892b38-
bb5f-4461-94a7-2605bc2eb0ed
SM_V9_4 iris    exon    37785446        37785630        .       +
        .
Parent=Smp_329650.1;Name=e0e1ad90-5a33-4a43-9f5f-9f7e045508a3
SM_V9_4 iris    exon    37787293        37787420        .       +
        .
Parent=Smp_329650.1;Name=380db1ba-873e-4eaa-9afb-53a896da6f43
SM_V9_4 iris    exon    37789108        37789159        .       +
        .       Parent=Smp_329650.1;Name=c2ae0245-0d60-4c07-a6d0-
a9762fcb1900
SM_V9_4 iris    exon    37794457        37795441        .       +
        .       Parent=Smp_329650.1;Name=0608eaf9-0479-4c34-
a4d9-55ac3bccb92e
SM_V9_4 iris    CDS     37648935        37649314        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37684586        37684805        .       +
        1       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37692400        37692528        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37694261        37695038        .       +
        0       Parent=Smp_329650.1
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SM_V9_4 iris    CDS     37698280        37699673        .       +
        2       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37717523        37717885        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37742782        37746841        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37753968        37754041        .       +
        2       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37757960        37758056        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37760021        37760143        .       +
        2       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37760264        37760412        .       +
        2       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37763062        37763948        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37764012        37764221        .       +
        1       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37770749        37770945        .       +
        1       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37773807        37774198        .       +
        2       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37776353        37776400        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37783594        37783730        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37785446        37785630        .       +
        1       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37787293        37787420        .       +
        2       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37789108        37789159        .       +
        0       Parent=Smp_329650.1
SM_V9_4 iris    CDS     37794457        37794488        .       +
        2       Parent=Smp_329650.1
SM_V9_4 Liftoff gene    37798038        37804755        .       -
        .       ID=Smp_151440;geneID=Smp_151440
SM_V9_4 Liftoff mRNA    37798038        37804755        .       -
        .
ID=Smp_151440.1;Parent=Smp_151440;geneID=Smp_151440;product=Undecapr
enyl-diphosphatase
SM_V9_4 Liftoff exon    37798038        37798686        .       -
        .       Parent=Smp_151440.1
SM_V9_4 Liftoff exon    37799862        37804755        .       -
        .       Parent=Smp_151440.1
SM_V9_4 Liftoff CDS     37798319        37798686        .       -
        2       Parent=Smp_151440.1
SM_V9_4 Liftoff CDS     37799862        37799877        .       -
        0       Parent=Smp_151440.1
SM_V9_4 iris    gene    37824099        37824602        .       +
        .
ID=Smp_055050;geneID=Smp_055050;gene_name=Smp_055050;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    37824099        37824602        .       +
        .
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ID=Smp_055050.1;Parent=Smp_055050;geneID=Smp_055050;gene_name=Smp_05
5050;owner=irisadmin@local.host;orig_id=Smp_055050.2;date_last_modif
ied=2022-07-23;Name=Smp_055050.1;product=40S ribosomal protein
S17;date_creation=2022-07-23
SM_V9_4 iris    exon    37824099        37824127        .       +
        .       Parent=Smp_055050.1;Name=b09f6aad-c7c8-4f13-
b8d6-226c10c66e87
SM_V9_4 iris    exon    37824163        37824486        .       +
        .       Parent=Smp_055050.1;Name=7433a528-54bd-4ed4-9ebf-
a14047379243
SM_V9_4 iris    exon    37824524        37824602        .       +
        .       Parent=Smp_055050.1;Name=9a5af6ff-a804-423f-904d-
b85bf75e7ebb
SM_V9_4 iris    CDS     37824125        37824127        .       +
        0       Parent=Smp_055050.1
SM_V9_4 iris    CDS     37824163        37824486        .       +
        0       Parent=Smp_055050.1
SM_V9_4 iris    CDS     37824524        37824559        .       +
        0       Parent=Smp_055050.1
SM_V9_4 Liftoff gene    37828104        37831382        .       -
        .       ID=Smp_151450;geneID=Smp_151450
SM_V9_4 Liftoff mRNA    37828104        37831382        .       -
        .
ID=Smp_151450.1;Parent=Smp_151450;geneID=Smp_151450;product=Spermato
genesis-associated protein
4;polypeptide_domain=InterPro:IPR001715,IPR010441
Pfam:PF06294;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    37828104        37828260        .       -
        .       Parent=Smp_151450.1
SM_V9_4 Liftoff exon    37830413        37830593        .       -
        .       Parent=Smp_151450.1
SM_V9_4 Liftoff exon    37830634        37830790        .       -
        .       Parent=Smp_151450.1
SM_V9_4 Liftoff exon    37830825        37830943        .       -
        .       Parent=Smp_151450.1
SM_V9_4 Liftoff exon    37830977        37831106        .       -
        .       Parent=Smp_151450.1
SM_V9_4 Liftoff exon    37831145        37831382        .       -
        .       Parent=Smp_151450.1
SM_V9_4 Liftoff CDS     37828208        37828260        .       -
        2       Parent=Smp_151450.1
SM_V9_4 Liftoff CDS     37830413        37830593        .       -
        0       Parent=Smp_151450.1
SM_V9_4 Liftoff CDS     37830634        37830790        .       -
        1       Parent=Smp_151450.1
SM_V9_4 Liftoff CDS     37830825        37830943        .       -
        0       Parent=Smp_151450.1
SM_V9_4 Liftoff CDS     37830977        37831106        .       -
        1       Parent=Smp_151450.1
SM_V9_4 Liftoff CDS     37831145        37831221        .       -
        0       Parent=Smp_151450.1
SM_V9_4 iris    gene    37891923        37906376        .       +
        .
ID=Smp_197950;geneID=Smp_197950;gene_name=Smp_197950;owner=irisadmin
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    37891923        37906376        .       +
        .
ID=Smp_197950.1;Parent=Smp_197950;geneID=Smp_197950;gene_name=Smp_19
7950;owner=irisadmin@local.host;orig_id=Smp_197950.1;date_last_modif
ied=2022-07-23;Name=Smp_197950.1;product=Hypothetical
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    37891923        37892203        .       +
        .       Parent=Smp_197950.1;Name=92b9fd6c-5be3-42a5-8fd5-
d45bda1de978
SM_V9_4 iris    exon    37904130        37906376        .       +
        .       Parent=Smp_197950.1;Name=5f45ab57-2594-4aa6-
b11c-38873e625618
SM_V9_4 iris    CDS     37904173        37905615        .       +
        0       Parent=Smp_197950.1
SM_V9_4 Liftoff gene    37959426        37979729        .       +
        .       ID=Smp_055090;geneID=Smp_055090
SM_V9_4 Liftoff mRNA    37959426        37979729        .       +
        .
ID=Smp_055090.2;Parent=Smp_055090;geneID=Smp_055090;product=NAD-
dependent protein
deacylase;polypeptide_domain=InterPro:IPR003000,IPR026590,IPR026591,
IPR029035 Pfam:PF02146;Ontology_term=GO:0070403
SM_V9_4 Liftoff exon    37959426        37962260        .       +
        .       Parent=Smp_055090.2
SM_V9_4 Liftoff exon    37964994        37965081        .       +
        .       Parent=Smp_055090.2
SM_V9_4 Liftoff exon    37965696        37966004        .       +
        .       Parent=Smp_055090.2
SM_V9_4 Liftoff exon    37978941        37979729        .       +
        .       Parent=Smp_055090.2
SM_V9_4 Liftoff CDS     37962239        37962260        .       +
        0       Parent=Smp_055090.2
SM_V9_4 Liftoff CDS     37964994        37965081        .       +
        2       Parent=Smp_055090.2
SM_V9_4 Liftoff CDS     37965696        37966004        .       +
        1       Parent=Smp_055090.2
SM_V9_4 Liftoff CDS     37978941        37979007        .       +
        1       Parent=Smp_055090.2
SM_V9_4 Liftoff mRNA    37959426        37979729        .       +
        .
ID=Smp_055090.3;Parent=Smp_055090;geneID=Smp_055090;product=NAD-
dependent protein
deacylase;polypeptide_domain=InterPro:IPR003000,IPR026590,IPR027546,
IPR029035
Pfam:PF02146;Ontology_term=GO:0036054,GO:0036055,GO:0070403
SM_V9_4 Liftoff exon    37959426        37962049        .       +
        .       Parent=Smp_055090.3
SM_V9_4 Liftoff exon    37962093        37962260        .       +
        .       Parent=Smp_055090.3
SM_V9_4 Liftoff exon    37962302        37962527        .       +
        .       Parent=Smp_055090.3
SM_V9_4 Liftoff exon    37964994        37965081        .       +
        .       Parent=Smp_055090.3
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SM_V9_4 Liftoff exon    37965696        37966004        .       +
        .       Parent=Smp_055090.3
SM_V9_4 Liftoff exon    37978941        37979729        .       +
        .       Parent=Smp_055090.3
SM_V9_4 Liftoff CDS     37961990        37962049        .       +
        0       Parent=Smp_055090.3
SM_V9_4 Liftoff CDS     37962093        37962260        .       +
        0       Parent=Smp_055090.3
SM_V9_4 Liftoff CDS     37962302        37962527        .       +
        0       Parent=Smp_055090.3
SM_V9_4 Liftoff CDS     37964994        37965081        .       +
        2       Parent=Smp_055090.3
SM_V9_4 Liftoff CDS     37965696        37966004        .       +
        1       Parent=Smp_055090.3
SM_V9_4 Liftoff CDS     37978941        37979007        .       +
        1       Parent=Smp_055090.3
SM_V9_4 Liftoff mRNA    37959446        37979729        .       +
        .
ID=Smp_055090.1;Parent=Smp_055090;geneID=Smp_055090;product=Sirtuin
5 isoform 5;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR003000,IPR026590,IPR029035
Pfam:PF02146;Ontology_term=GO:0070403
SM_V9_4 Liftoff exon    37959446        37962527        .       +
        .       Parent=Smp_055090.1
SM_V9_4 Liftoff exon    37964994        37965081        .       +
        .       Parent=Smp_055090.1
SM_V9_4 Liftoff exon    37965696        37966004        .       +
        .       Parent=Smp_055090.1
SM_V9_4 Liftoff exon    37978941        37979729        .       +
        .       Parent=Smp_055090.1
SM_V9_4 Liftoff CDS     37962239        37962527        .       +
        0       Parent=Smp_055090.1
SM_V9_4 Liftoff CDS     37964994        37965081        .       +
        2       Parent=Smp_055090.1
SM_V9_4 Liftoff CDS     37965696        37966004        .       +
        1       Parent=Smp_055090.1
SM_V9_4 Liftoff CDS     37978941        37979007        .       +
        1       Parent=Smp_055090.1
SM_V9_4 Liftoff gene    38011268        38050542        .       -
        .       ID=Smp_055100;geneID=Smp_055100
SM_V9_4 Liftoff mRNA    38011268        38050542        .       -
        .
ID=Smp_055100.1;Parent=Smp_055100;geneID=Smp_055100;product=Reelin
SM_V9_4 Liftoff exon    38011268        38013242        .       -
        .       Parent=Smp_055100.1
SM_V9_4 Liftoff exon    38050296        38050542        .       -
        .       Parent=Smp_055100.1
SM_V9_4 Liftoff CDS     38011852        38013242        .       -
        2       Parent=Smp_055100.1
SM_V9_4 Liftoff CDS     38050296        38050365        .       -
        0       Parent=Smp_055100.1
SM_V9_4 iris    gene    38056116        38059019        .       +
        .
ID=Smp_151480;geneID=Smp_151480;gene_name=Smp_151480;owner=irisadmin
```

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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    38056116        38059019        .       +
       .
ID=Smp_151480.1;Parent=Smp_151480;geneID=Smp_151480;gene_name=Smp_15
1480;owner=irisadmin@local.host;orig_id=Smp_151480.1;date_last_modif
ied=2022-07-23;Name=Smp_151480.1;product=28S ribosomal protein S27,
mitochondrial;date_creation=2022-07-23
SM_V9_4 iris    exon    38056116        38056324        .       +
       .       Parent=Smp_151480.1;Name=e552b07b-e2fb-4aba-
b6c0-76baff67dd92
SM_V9_4 iris    exon    38056359        38056429        .       +
       .       Parent=Smp_151480.1;Name=6d7f0143-5f50-442b-
b709-9b4f68b6e696
SM_V9_4 iris    exon    38056467        38056531        .       +
       .       Parent=Smp_151480.1;Name=ebdd9eb1-
cf12-48b4-8d79-1153f9ece79c
SM_V9_4 iris    exon    38056564        38056678        .       +
       .       Parent=Smp_151480.1;Name=867b051e-8984-4726-98c4-
a1b770d8740a
SM_V9_4 iris    exon    38056710        38056946        .       +
       .       Parent=Smp_151480.1;Name=c2dc6320-7b7b-4156-96a1-
b7fda1ad88cd
SM_V9_4 iris    exon    38058058        38058357        .       +
       .       Parent=Smp_151480.1;Name=626fe4b9-5642-492e-b3c2-
a9be632fe47f
SM_V9_4 iris    exon    38058407        38058529        .       +
       .
Parent=Smp_151480.1;Name=ba84fe5b-629b-4257-9051-1a107ab7de1a
SM_V9_4 iris    exon    38058567        38059019        .       +
       .       Parent=Smp_151480.1;Name=d4a4cff2-8d8f-4139-
b21f-25188761113e
SM_V9_4 iris    CDS     38056162        38056324        .       +
       0       Parent=Smp_151480.1
SM_V9_4 iris    CDS     38056359        38056429        .       +
       2       Parent=Smp_151480.1
SM_V9_4 iris    CDS     38056467        38056531        .       +
       0       Parent=Smp_151480.1
SM_V9_4 iris    CDS     38056564        38056678        .       +
       1       Parent=Smp_151480.1
SM_V9_4 iris    CDS     38056710        38056946        .       +
       0       Parent=Smp_151480.1
SM_V9_4 iris    CDS     38058058        38058357        .       +
       0       Parent=Smp_151480.1
SM_V9_4 iris    CDS     38058407        38058529        .       +
       0       Parent=Smp_151480.1
SM_V9_4 iris    CDS     38058567        38058965        .       +
       0       Parent=Smp_151480.1
SM_V9_4 iris    gene    38069006        38096766        .       +
       .
ID=Smp_151490;geneID=Smp_151490;gene_name=Smp_151490;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    38069006        38096764        .       +
       .
ID=Smp_151490.1;Parent=Smp_151490;geneID=Smp_151490;gene_name=Smp_15
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1490;owner=irisadmin@local.host;orig_id=Smp_151490.1;date_last_modif
ied=2022-07-23;Name=Smp_151490.1;product=LIM zinc-binding domain-
containing Nebulette;date_creation=2022-07-23
SM_V9_4 iris    exon    38069006        38069222        .       +
        .       Parent=Smp_151490.1;Name=ef6be728-7fcb-45dc-
b588-2b5c1b86001d
SM_V9_4 iris    exon    38072640        38072737        .       +
        .       Parent=Smp_151490.1;Name=ecccbab5-
c744-46c8-8236-79c96da78435
SM_V9_4 iris    exon    38073843        38073930        .       +
        .       Parent=Smp_151490.1;Name=04dda592-6f8d-46b2-a64b-
fcc4f443c261
SM_V9_4 iris    exon    38086502        38086574        .       +
        .       Parent=Smp_151490.1;Name=56b608ed-
e07d-4fbf-8273-89241a77e172
SM_V9_4 iris    exon    38088119        38088208        .       +
        .       Parent=Smp_151490.1;Name=e82d512e-fb1f-4801-9b18-
c1a3a1368022
SM_V9_4 iris    exon    38088903        38089061        .       +
        .       Parent=Smp_151490.1;Name=f68eebba-610b-4ce6-
b6aa-77dc07759c36
SM_V9_4 iris    exon    38092715        38092808        .       +
        .       Parent=Smp_151490.1;Name=36044a6d-
cd3f-4d59-9de5-4ae661b324d6
SM_V9_4 iris    exon    38094216        38094255        .       +
        .       Parent=Smp_151490.1;Name=cba96a4b-37fb-4edc-aa71-
a648817aec63
SM_V9_4 iris    exon    38095603        38096764        .       +
        .       Parent=Smp_151490.1;Name=b6ae4fa3-
e168-4eeb-9b28-059801c3d182
SM_V9_4 iris    CDS     38069145        38069222        .       +
        0       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38072640        38072737        .       +
        0       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38073843        38073930        .       +
        1       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38086502        38086574        .       +
        0       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38088119        38088208        .       +
        2       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38088903        38089061        .       +
        2       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38092715        38092808        .       +
        2       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38094216        38094255        .       +
        1       Parent=Smp_151490.1
SM_V9_4 iris    CDS     38095603        38095776        .       +
        0       Parent=Smp_151490.1
SM_V9_4 iris    mRNA    38069006        38096766        .       +
        .
ID=Smp_151490.2;Parent=Smp_151490;geneID=Smp_151490;gene_name=Smp_15
1490;owner=irisadmin@local.host;orig_id=Smp_151490.2;date_last_modif
ied=2022-07-23;Name=Smp_151490.2;product=LIM zinc-binding domain-
containing Nebulette;date_creation=2022-07-23
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SM_V9_4 iris    exon    38069006        38069222        .       +
        .       Parent=Smp_151490.2;Name=94aca025-2d22-40a7-
b616-17976d4d90a8
SM_V9_4 iris    exon    38072640        38072737        .       +
        .       Parent=Smp_151490.2;Name=13e4fc7a-310d-4968-b924-
ba11f26847e0
SM_V9_4 iris    exon    38073843        38073930        .       +
        .
Parent=Smp_151490.2;Name=d779793d-3c0a-4e0d-9972-5f24b254429f
SM_V9_4 iris    exon    38077783        38077887        .       +
        .       Parent=Smp_151490.2;Name=de868968-cb7f-4811-ab98-
b6e0b61f9f36
SM_V9_4 iris    exon    38086502        38086574        .       +
        .       Parent=Smp_151490.2;Name=e9c35547-9268-44c6-
a8a3-1403fc9c05cf
SM_V9_4 iris    exon    38088119        38088208        .       +
        .
Parent=Smp_151490.2;Name=f6f9fd0e-9416-47b2-848b-8b882b7e1211
SM_V9_4 iris    exon    38088903        38089061        .       +
        .       Parent=Smp_151490.2;Name=9bcc6ed8-9724-4b56-918d-
d4cf4ab810b2
SM_V9_4 iris    exon    38092715        38092808        .       +
        .
Parent=Smp_151490.2;Name=6a0f8b5d-2e5f-416d-8216-32bdbf2989bb
SM_V9_4 iris    exon    38094216        38094255        .       +
        .
Parent=Smp_151490.2;Name=3ece2c00-9ab2-4762-9334-073f70f488e4
SM_V9_4 iris    exon    38095603        38096766        .       +
        .       Parent=Smp_151490.2;Name=31aba1d6-8798-426d-
a333-1a5c46f08836
SM_V9_4 iris    CDS     38069145        38069222        .       +
        0       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38072640        38072737        .       +
        0       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38073843        38073930        .       +
        1       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38077783        38077887        .       +
        0       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38086502        38086574        .       +
        0       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38088119        38088208        .       +
        2       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38088903        38089061        .       +
        2       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38092715        38092808        .       +
        2       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38094216        38094255        .       +
        1       Parent=Smp_151490.2
SM_V9_4 iris    CDS     38095603        38095776        .       +
        0       Parent=Smp_151490.2
SM_V9_4 Liftoff gene    38113045        38131952        .       +
        .       ID=Smp_055130;geneID=Smp_055130
SM_V9_4 Liftoff mRNA    38113045        38131952        .       +
        .
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ID=Smp_055130.1;Parent=Smp_055130;geneID=Smp_055130;product=Pleckstr
in homology domain-containing family F member
2;polypeptide_domain=InterPro:IPR000306,IPR001849,IPR011011,IPR01199
3,IPR013083,IPR017455 Pfam:PF00169,PF01363;Ontology_term=GO:0046872
SM_V9_4 Liftoff exon    38113045        38116294        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38116337        38116401        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38116437        38116574        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38116605        38116668        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38116700        38116825        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38119215        38119321        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38124355        38124622        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38128402        38128475        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff exon    38131328        38131952        .       +
        .       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38116276        38116294        .       +
        0       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38116337        38116401        .       +
        2       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38116437        38116574        .       +
        0       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38116605        38116668        .       +
        0       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38116700        38116825        .       +
        2       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38119215        38119321        .       +
        2       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38124355        38124622        .       +
        0       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38128402        38128475        .       +
        2       Parent=Smp_055130.1
SM_V9_4 Liftoff CDS     38131328        38131360        .       +
        0       Parent=Smp_055130.1
SM_V9_4 iris    gene    38138539        38140515        .       -
        .
ID=Smp_350340;geneID=Smp_350340;gene_name=Smp_350340;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_4 iris    mRNA    38138448        38140530        .       -
        .
ID=Smp_350340.1;Parent=Smp_350340;geneID=Smp_350340;gene_name=Smp_35
0340;owner=irisadmin@local.host;date_last_modified=2022-08-30;Name=S
mp_350340.1;date_creation=2022-08-30
SM_V9_4 iris    exon    38138448        38140530        .       -
        .       Parent=Smp_350340.1;Name=Smp_350340.1-CDS
SM_V9_4 iris    CDS     38139490        38140365        .       -
        0       Parent=Smp_350340.1
SM_V9_4 iris    gene    38147455        38189231        .       +
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```
        .
ID=Smp_247470;geneID=Smp_247470;gene_name=Smp_247470;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    38147455        38189231        .       +
        .
ID=Smp_247470.1;Parent=Smp_247470;geneID=Smp_247470;gene_name=Smp_24
7470;owner=irisadmin@local.host;orig_id=Smp_247470.1;date_last_modif
ied=2022-07-23;Name=Smp_247470.1;product=Crossover junction
endonuclease MUS81;date_creation=2022-07-23
SM_V9_4 iris    exon    38147455        38147536        .       +
        .       Parent=Smp_247470.1;Name=fd1ef8b6-9c92-489b-ac92-
ca359f0b1830
SM_V9_4 iris    exon    38150833        38150947        .       +
        .       Parent=Smp_247470.1;Name=6adf9611-c7d7-4c8a-
b9aa-05e5d3ea47c2
SM_V9_4 iris    exon    38150995        38151237        .       +
        .
Parent=Smp_247470.1;Name=abec20fc-0878-4ae5-8998-1933a0e83338
SM_V9_4 iris    exon    38159288        38159536        .       +
        .       Parent=Smp_247470.1;Name=d4dd3899-2110-4c1b-
a0c3-275fc5f0a28c
SM_V9_4 iris    exon    38163015        38163097        .       +
        .       Parent=Smp_247470.1;Name=186b881c-fe0e-4272-b45b-
d846d5903dd9
SM_V9_4 iris    exon    38163909        38163988        .       +
        .       Parent=Smp_247470.1;Name=09fb8dce-fb24-4bd6-
a435-64c67066b800
SM_V9_4 iris    exon    38165566        38165638        .       +
        .       Parent=Smp_247470.1;Name=6b718335-47ee-429d-8f1a-
cb2c07f0a03e
SM_V9_4 iris    exon    38170447        38170632        .       +
        .       Parent=Smp_247470.1;Name=eb530db3-90b7-4941-b1e6-
dd50e478f59b
SM_V9_4 iris    exon    38178866        38179083        .       +
        .       Parent=Smp_247470.1;Name=b82245d5-37ef-420b-ac3f-
cc850fd6ec6e
SM_V9_4 iris    exon    38180893        38181250        .       +
        .       Parent=Smp_247470.1;Name=730ff896-
d438-4711-89dd-89952af7a638
SM_V9_4 iris    exon    38183002        38183120        .       +
        .
Parent=Smp_247470.1;Name=6a9127d9-7743-46c3-91a9-02886d185b2e
SM_V9_4 iris    exon    38183724        38183821        .       +
        .       Parent=Smp_247470.1;Name=cee62be4-4600-4174-
aa6e-9164e967e1c5
SM_V9_4 iris    exon    38185453        38185569        .       +
        .       Parent=Smp_247470.1;Name=cfd35258-f62c-4837-b1dc-
a5c078decfa1
SM_V9_4 iris    exon    38186253        38186348        .       +
        .       Parent=Smp_247470.1;Name=38290ece-359b-4b2c-b993-
e4f5520b7de2
SM_V9_4 iris    exon    38187401        38187612        .       +
        .       Parent=Smp_247470.1;Name=78ef8358-a04f-4468-
b949-4ef757be2ad0
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SM_V9_4 iris    exon    38187742        38187825        .       +
        .       Parent=Smp_247470.1;Name=8c7303f0-f822-4fce-
b203-422c0bfc59e1
SM_V9_4 iris    exon    38189129        38189231        .       +
        .       Parent=Smp_247470.1;Name=086b6e3b-1334-4405-ae13-
e9b0932fda46
SM_V9_4 iris    CDS     38147520        38147536        .       +
        0       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38150833        38150947        .       +
        1       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38150995        38151237        .       +
        0       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38159288        38159536        .       +
        0       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38163015        38163097        .       +
        0       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38163909        38163988        .       +
        1       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38165566        38165638        .       +
        2       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38170447        38170632        .       +
        1       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38178866        38179083        .       +
        1       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38180893        38181250        .       +
        2       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38183002        38183120        .       +
        1       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38183724        38183821        .       +
        2       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38185453        38185569        .       +
        0       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38186253        38186348        .       +
        0       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38187401        38187612        .       +
        0       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38187742        38187825        .       +
        1       Parent=Smp_247470.1
SM_V9_4 iris    CDS     38189129        38189183        .       +
        1       Parent=Smp_247470.1
SM_V9_4 Liftoff gene    38150985        38154611        .       -
        .
ID=Smp_344390;geneID=Smp_344390;previous_systematic_id=Smp_151500
SM_V9_4 Liftoff mRNA    38150985        38154611        .       -
        .
ID=Smp_344390.1;Parent=Smp_344390;geneID=Smp_344390;product=Mannan
endo-1,4-beta-mannosidase 2
SM_V9_4 Liftoff exon    38150985        38154611        .       -
        .       Parent=Smp_344390.1
SM_V9_4 Liftoff CDS     38151245        38152414        .       -
        0       Parent=Smp_344390.1
SM_V9_4 iris    gene    38189396        38199687        .       -
        .
ID=Smp_151520;geneID=Smp_151520;gene_name=Smp_151520;owner=irisadmin
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@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_4 iris    mRNA    38189396        38199687        .       -
        .
ID=Smp_151520.1;Parent=Smp_151520;geneID=Smp_151520;gene_name=Smp_15
1520;owner=irisadmin@local.host;orig_id=Smp_151520.1;date_last_modif
ied=2022-08-30;Name=Smp_151520.1;product=Probable dolichyl
pyrophosphate Glc1Man9GlcNAc2 alpha-1,3-
glucosyltransferase;date_creation=2022-08-30
SM_V9_4 iris    exon    38189396        38190637        .       -
        .
Parent=Smp_151520.1;Name=35b81918-0b2d-4735-84d0-1633334d8460
SM_V9_4 iris    exon    38191767        38191864        .       -
        .       Parent=Smp_151520.1;Name=3a867d67-a65c-4a1a-968f-
c8e794cdfb02
SM_V9_4 iris    exon    38192533        38192696        .       -
        .       Parent=Smp_151520.1;Name=e77cbd53-beb0-4d34-917a-
cbc49a6d199b
SM_V9_4 iris    exon    38193362        38193504        .       -
        .       Parent=Smp_151520.1;Name=67529367-9c35-4ab1-
b27f-7ab5674b9d98
SM_V9_4 iris    exon    38194451        38194571        .       -
        .       Parent=Smp_151520.1;Name=df41a97d-89b1-4188-aab1-
cc576d1427f0
SM_V9_4 iris    exon    38194618        38194715        .       -
        .       Parent=Smp_151520.1;Name=3e85bef1-9371-4a85-
b6c2-5e7f99a38f32
SM_V9_4 iris    exon    38194764        38194875        .       -
        .       Parent=Smp_151520.1;Name=3d66d17c-13ba-4667-8671-
a1354ae7f389
SM_V9_4 iris    exon    38194917        38194984        .       -
        .       Parent=Smp_151520.1;Name=f1c334d7-e952-495a-
bf0a-32cdc18aad5c
SM_V9_4 iris    exon    38195691        38195794        .       -
        .       Parent=Smp_151520.1;Name=d01ba66a-d6d4-4e86-ab8e-
be67baa07168
SM_V9_4 iris    exon    38195827        38196020        .       -
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aa5d-3e1af01a4e54
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e50c-4473-944a-12ee689ac578
SM_V9_4 iris    exon    38196168        38196378        .       -
        .       Parent=Smp_151520.1;Name=1de8065b-e7ec-41bb-
b98d-6dd6d10c26dc
SM_V9_4 iris    exon    38199621        38199687        .       -
        .
Parent=Smp_151520.1;Name=49e9a7f7-9a25-497f-8b74-7dfdc614ed5e
SM_V9_4 iris    CDS     38190249        38190637        .       -
        2       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38191767        38191864        .       -
        1       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38192533        38192696        .       -
        0       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38193362        38193504        .       -
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SM_V9_4 iris    CDS     38194451        38194571        .       -
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SM_V9_4 iris    CDS     38194618        38194715        .       -
        2       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38194764        38194875        .       -
        0       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38194917        38194984        .       -
        2       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38195691        38195794        .       -
        1       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38195827        38196020        .       -
        0       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38196059        38196137        .       -
        1       Parent=Smp_151520.1
SM_V9_4 iris    CDS     38196168        38196238        .       -
        0       Parent=Smp_151520.1
SM_V9_4 Liftoff gene    38214635        38223839        .       +
        .       ID=Smp_055190;geneID=Smp_055190
SM_V9_4 Liftoff mRNA    38214635        38223839        .       +
        .
ID=Smp_055190.1;Parent=Smp_055190;geneID=Smp_055190;product=Mitoferr
in-2;polypeptide_domain=InterPro:IPR018108,IPR023395 Pfam:PF00153
SM_V9_4 Liftoff exon    38214635        38214705        .       +
        .       Parent=Smp_055190.1
SM_V9_4 Liftoff exon    38216288        38216404        .       +
        .       Parent=Smp_055190.1
SM_V9_4 Liftoff exon    38216444        38216723        .       +
        .       Parent=Smp_055190.1
SM_V9_4 Liftoff exon    38221831        38222129        .       +
        .       Parent=Smp_055190.1
SM_V9_4 Liftoff exon    38222959        38223839        .       +
        .       Parent=Smp_055190.1
SM_V9_4 Liftoff CDS     38214694        38214705        .       +
        0       Parent=Smp_055190.1
SM_V9_4 Liftoff CDS     38216288        38216404        .       +
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SM_V9_4 Liftoff CDS     38216444        38216723        .       +
        0       Parent=Smp_055190.1
SM_V9_4 Liftoff CDS     38221831        38222129        .       +
        2       Parent=Smp_055190.1
SM_V9_4 Liftoff CDS     38222959        38223366        .       +
        0       Parent=Smp_055190.1
SM_V9_4 Liftoff gene    38252052        38264401        .       -
        .       ID=Smp_055200;geneID=Smp_055200
SM_V9_4 Liftoff mRNA    38252052        38264381        .       -
        .
ID=Smp_055200.2;Parent=Smp_055200;geneID=Smp_055200;product=Magnesiu
m transporter protein
1;polypeptide_domain=InterPro:IPR012336,IPR021149 Pfam:PF04756
SM_V9_4 Liftoff exon    38252052        38252202        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff exon    38252244        38252334        .       -
        .       Parent=Smp_055200.2
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SM_V9_4 Liftoff exon    38252898        38252969        .       -
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SM_V9_4 Liftoff exon    38253049        38253115        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff exon    38253158        38253247        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff exon    38255759        38255899        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff exon    38255930        38256070        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff exon    38256102        38256219        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff exon    38256258        38256424        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff exon    38256459        38264381        .       -
        .       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38252187        38252202        .       -
        1       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38252244        38252334        .       -
        2       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38252898        38252969        .       -
        2       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38253049        38253115        .       -
        0       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38253158        38253247        .       -
        0       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38255759        38255899        .       -
        0       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38255930        38256070        .       -
        0       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38256102        38256219        .       -
        1       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38256258        38256424        .       -
        0       Parent=Smp_055200.2
SM_V9_4 Liftoff CDS     38256459        38256560        .       -
        0       Parent=Smp_055200.2
SM_V9_4 Liftoff mRNA    38252052        38264401        .       -
        .
ID=Smp_055200.1;Parent=Smp_055200;geneID=Smp_055200;product=Magnesiu
m transporter protein
1;polypeptide_domain=InterPro:IPR012336,IPR021149 Pfam:PF04756
SM_V9_4 Liftoff exon    38252052        38252202        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38252244        38252334        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38252898        38252969        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38253049        38253115        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38253158        38253247        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38255759        38255899        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38255930        38256070        .       -
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SM_V9_4 Liftoff exon    38256102        38256219        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38256258        38256424        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff exon    38256459        38264401        .       -
        .       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38252187        38252202        .       -
        1       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38252244        38252334        .       -
        2       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38252898        38252969        .       -
        2       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38253049        38253115        .       -
        0       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38253158        38253247        .       -
        0       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38255759        38255899        .       -
        0       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38255930        38256070        .       -
        0       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38256102        38256219        .       -
        1       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38256258        38256424        .       -
        0       Parent=Smp_055200.1
SM_V9_4 Liftoff CDS     38256459        38256560        .       -
        0       Parent=Smp_055200.1
SM_V9_4 iris    gene    38294265        38295649        .       +
        .
ID=Smp_340910;geneID=Smp_340910;gene_name=Smp_340910;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    38294265        38295649        .       +
        .
ID=Smp_340910.1;Parent=Smp_340910;geneID=Smp_340910;gene_name=Smp_34
0910;owner=irisadmin@local.host;orig_id=Smp_340910.1;date_last_modif
ied=2022-07-25;Name=Smp_340910.1;product=Microsomal glutathione S-
transferase 3;date_creation=2022-07-25
SM_V9_4 iris    exon    38294265        38294526        .       +
        .       Parent=Smp_340910.1;Name=41b2377f-540e-454b-
aefb-8c3c5430fb55
SM_V9_4 iris    exon    38294561        38294618        .       +
        .
Parent=Smp_340910.1;Name=6d8ff201-0195-4305-85fc-97a79ab0e5e3
SM_V9_4 iris    exon    38294654        38294726        .       +
        .       Parent=Smp_340910.1;Name=eaedfbfa-92c7-4cc5-
b206-0a462e9b9068
SM_V9_4 iris    exon    38295308        38295410        .       +
        .       Parent=Smp_340910.1;Name=44300cb0-e104-4abe-b998-
a7a271813564
SM_V9_4 iris    exon    38295517        38295649        .       +
        .       Parent=Smp_340910.1;Name=d53c737a-
f5cf-42a2-8252-8d486290560e
SM_V9_4 iris    CDS     38294303        38294526        .       +
        0       Parent=Smp_340910.1
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SM_V9_4 iris    CDS     38294561        38294618        .       +
        1       Parent=Smp_340910.1
SM_V9_4 iris    CDS     38294654        38294726        .       +
        0       Parent=Smp_340910.1
SM_V9_4 iris    CDS     38295308        38295410        .       +
        2       Parent=Smp_340910.1
SM_V9_4 iris    CDS     38295517        38295544        .       +
        1       Parent=Smp_340910.1
SM_V9_4 iris    gene    38296368        38339542        .       -
        .
ID=Smp_055220;geneID=Smp_055220;gene_name=Smp_055220;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-25
SM_V9_4 iris    mRNA    38296368        38339542        .       -
        .
ID=Smp_055220.1;Parent=Smp_055220;geneID=Smp_055220;gene_name=Smp_05
5220;owner=irisadmin@local.host;orig_id=Smp_055220.1;date_last_modif
ied=2022-07-25;Name=Smp_055220.1;product=Zonadhesin;date_creation=20
22-07-25
SM_V9_4 iris    exon    38296368        38297500        .       -
        .       Parent=Smp_055220.1;Name=902dd769-03d6-4b56-8cda-
f7813adf05c8
SM_V9_4 iris    exon    38299930        38300277        .       -
        .
Parent=Smp_055220.1;Name=449cba69-3a81-47bd-9256-9fa911c894ca
SM_V9_4 iris    exon    38301976        38302128        .       -
        .       Parent=Smp_055220.1;Name=42643285-47a5-4070-8731-
cbd9e105767c
SM_V9_4 iris    exon    38310007        38310114        .       -
        .       Parent=Smp_055220.1;Name=fa1f798c-4caa-4545-a3b6-
e89b9b6f4848
SM_V9_4 iris    exon    38311467        38311559        .       -
        .
Parent=Smp_055220.1;Name=1036a38f-71fa-46c0-882f-4e6938b41752
SM_V9_4 iris    exon    38315261        38315344        .       -
        .
Parent=Smp_055220.1;Name=a1458ba6-9b23-4543-8102-84a44a74af8d
SM_V9_4 iris    exon    38317342        38317452        .       -
        .       Parent=Smp_055220.1;Name=fe4a8417-cb3c-4046-
a344-649916cfed1e
SM_V9_4 iris    exon    38318355        38318459        .       -
        .       Parent=Smp_055220.1;Name=2f21a81e-
c2f5-477c-8af1-61bd2b672167
SM_V9_4 iris    exon    38320348        38320476        .       -
        .
Parent=Smp_055220.1;Name=22ff9482-96e0-41c1-9937-671e4346a3dc
SM_V9_4 iris    exon    38321931        38322029        .       -
        .
Parent=Smp_055220.1;Name=0a8c918b-1200-435d-9c07-7cd64e62a656
SM_V9_4 iris    exon    38326846        38326929        .       -
        .       Parent=Smp_055220.1;Name=d60eddbe-5977-4d3c-ba3d-
a36ebee51606
SM_V9_4 iris    exon    38331719        38331820        .       -
        .       Parent=Smp_055220.1;Name=a5b8bd1c-3edc-437f-8abe-
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SM_V9_4 iris    exon    38338768        38339542        .       -
        .       Parent=Smp_055220.1;Name=c72ba339-4c8c-4892-b886-
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SM_V9_4 iris    CDS     38296707        38297500        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38299930        38300277        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38301976        38302128        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38310007        38310114        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38311467        38311559        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38315261        38315344        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38317342        38317452        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38318355        38318459        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38320348        38320476        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38321931        38322029        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38326846        38326929        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38331719        38331820        .       -
        2       Parent=Smp_055220.1
SM_V9_4 iris    CDS     38338768        38338813        .       -
        0       Parent=Smp_055220.1
SM_V9_4 Liftoff gene    38429897        38461531        .       -
        .
ID=Smp_247480;geneID=Smp_247480;previous_systematic_id=Smp_151540,Sm
p_192490
SM_V9_4 Liftoff mRNA    38429897        38461531        .       -
        .
ID=Smp_247480.1;Parent=Smp_247480;geneID=Smp_247480;product=Protein
dachsous;polypeptide_domain=InterPro:IPR002126,IPR013164,IPR015919,I
PR020894
Pfam:PF00028,PF08266;Ontology_term=GO:0005509,GO:0005886,GO:0007155,
GO:0007156,GO:0016020
SM_V9_4 Liftoff exon    38429897        38433638        .       -
        .       Parent=Smp_247480.1
SM_V9_4 Liftoff exon    38434786        38435356        .       -
        .       Parent=Smp_247480.1
SM_V9_4 Liftoff exon    38458852        38461531        .       -
        .       Parent=Smp_247480.1
SM_V9_4 Liftoff CDS     38433235        38433638        .       -
        2       Parent=Smp_247480.1
SM_V9_4 Liftoff CDS     38434786        38435356        .       -
        0       Parent=Smp_247480.1
SM_V9_4 Liftoff CDS     38458852        38461464        .       -
        0       Parent=Smp_247480.1
SM_V9_4 iris    gene    38541556        38584539        .       -
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ID=Smp_055240;geneID=Smp_055240;gene_name=Smp_055240;owner=irisadmin
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        .
ID=Smp_055240.1;Parent=Smp_055240;geneID=Smp_055240;gene_name=Smp_05
5240;owner=irisadmin@local.host;orig_id=Smp_055240.1;date_last_modif
ied=2022-07-23;Name=Smp_055240.1;product=Protocadherin
beta-11;date_creation=2022-07-23
SM_V9_4 iris    exon    38541556        38542323        .       -
        .
Parent=Smp_055240.1;Name=5d4fc318-7b61-49eb-8fa1-8de4a60671f6
SM_V9_4 iris    exon    38552054        38552469        .       -
        .       Parent=Smp_055240.1;Name=00a223e5-80cf-42cb-81c6-
a37f3118603f
SM_V9_4 iris    exon    38557761        38558313        .       -
        .       Parent=Smp_055240.1;Name=dddb036f-b949-4b93-b464-
c68f2bd2e373
SM_V9_4 iris    exon    38581665        38583374        .       -
        .       Parent=Smp_055240.1;Name=6db35c45-cbc7-4bb3-
aee2-8c051121ca36
SM_V9_4 iris    exon    38583414        38583859        .       -
        .       Parent=Smp_055240.1;Name=c0fd3c44-8640-4de7-
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SM_V9_4 iris    exon    38583905        38584150        .       -
        .
Parent=Smp_055240.1;Name=3d12496e-5eb9-4c4d-867e-0297c7cb17f7
SM_V9_4 iris    exon    38584193        38584539        .       -
        .       Parent=Smp_055240.1;Name=f8408e94-3148-4348-
b1d4-15a2f09bc94a
SM_V9_4 iris    CDS     38542162        38542323        .       -
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SM_V9_4 iris    CDS     38552054        38552469        .       -
        2       Parent=Smp_055240.1
SM_V9_4 iris    CDS     38557761        38558313        .       -
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SM_V9_4 iris    CDS     38581665        38583374        .       -
        0       Parent=Smp_055240.1
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SM_V9_4 iris    CDS     38583905        38584150        .       -
        2       Parent=Smp_055240.1
SM_V9_4 iris    CDS     38584193        38584367        .       -
        0       Parent=Smp_055240.1
SM_V9_4 Liftoff gene    38677908        38750377        .       +
        .
ID=Smp_336750;geneID=Smp_336750;previous_systematic_id=Smp_152540
SM_V9_4 Liftoff mRNA    38677908        38750377        .       +
        .
ID=Smp_336750.1;Parent=Smp_336750;geneID=Smp_336750;product=Probable
muscarinic acetylcholine receptor
gar-2;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_4 Liftoff exon    38677908        38724963        .       +
        .       Parent=Smp_336750.1
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SM_V9_4 Liftoff exon    38742473        38743008        .       +
        .       Parent=Smp_336750.1
SM_V9_4 Liftoff exon    38747230        38747797        .       +
        .       Parent=Smp_336750.1
SM_V9_4 Liftoff exon    38749408        38750377        .       +
        .       Parent=Smp_336750.1
SM_V9_4 Liftoff CDS     38724574        38724963        .       +
        0       Parent=Smp_336750.1
SM_V9_4 Liftoff CDS     38742473        38743008        .       +
        0       Parent=Smp_336750.1
SM_V9_4 Liftoff CDS     38747230        38747797        .       +
        1       Parent=Smp_336750.1
SM_V9_4 Liftoff CDS     38749408        38750355        .       +
        0       Parent=Smp_336750.1
SM_V9_4 Liftoff gene    38754567        38759374        .       -
        .       ID=Smp_329680;geneID=Smp_329680
SM_V9_4 Liftoff mRNA    38754567        38759374        .       -
        .
ID=Smp_329680.1;Parent=Smp_329680;geneID=Smp_329680;product=28S
ribosomal protein S21,
mitochondrial;polypeptide_domain=InterPro:IPR001911
Pfam:PF01165;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_4 Liftoff exon    38754567        38754827        .       -
        .       Parent=Smp_329680.1
SM_V9_4 Liftoff exon    38759209        38759374        .       -
        .       Parent=Smp_329680.1
SM_V9_4 Liftoff CDS     38754650        38754827        .       -
        1       Parent=Smp_329680.1
SM_V9_4 Liftoff CDS     38759209        38759321        .       -
        0       Parent=Smp_329680.1
SM_V9_4 iris    gene    38773806        38785314        .       -
        .
ID=Smp_056640;geneID=Smp_056640;gene_name=Smp_056640;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    38773806        38785314        .       -
        .
ID=Smp_056640.1;Parent=Smp_056640;geneID=Smp_056640;gene_name=Smp_05
6640;owner=irisadmin@local.host;orig_id=Smp_056640.1;date_last_modif
ied=2022-07-23;Name=Smp_056640.1;product=Pre-mRNA-processing factor
40 homolog A;date_creation=2022-07-23
SM_V9_4 iris    exon    38773806        38774480        .       -
        .       Parent=Smp_056640.1;Name=312c1bf4-
d0ba-47e0-9a39-932238756e86
SM_V9_4 iris    exon    38775781        38775893        .       -
        .       Parent=Smp_056640.1;Name=aff27c2f-dc5c-4f62-
b56d-6cd0d56af073
SM_V9_4 iris    exon    38777555        38777791        .       -
        .       Parent=Smp_056640.1;Name=6e487a01-9f87-48db-a3f7-
deee7f845c9c
SM_V9_4 iris    exon    38779012        38779189        .       -
        .
Parent=Smp_056640.1;Name=e3f367e6-225a-49da-8118-903539c84aba
SM_V9_4 iris    exon    38779715        38779954        .       -
        .       Parent=Smp_056640.1;Name=7bcf4ad5-
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ec0f-4b51-8119-57bdb01f6a4b
SM_V9_4 iris    exon    38782575        38783839        .       -
        .       Parent=Smp_056640.1;Name=de573852-
ae79-4e36-90c9-68357915976a
SM_V9_4 iris    exon    38785269        38785314        .       -
        .       Parent=Smp_056640.1;Name=db67a072-8b6e-4787-81e1-
d924fbba99ef
SM_V9_4 iris    CDS     38774039        38774480        .       -
        1       Parent=Smp_056640.1
SM_V9_4 iris    CDS     38775781        38775893        .       -
        0       Parent=Smp_056640.1
SM_V9_4 iris    CDS     38777555        38777791        .       -
        0       Parent=Smp_056640.1
SM_V9_4 iris    CDS     38779012        38779189        .       -
        1       Parent=Smp_056640.1
SM_V9_4 iris    CDS     38779715        38779954        .       -
        1       Parent=Smp_056640.1
SM_V9_4 iris    CDS     38782575        38783770        .       -
        0       Parent=Smp_056640.1
SM_V9_4 iris    gene    38796454        38805725        .       +
        .
ID=Smp_152530;geneID=Smp_152530;gene_name=Smp_152530;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    38796454        38805725        .       +
        .
ID=Smp_152530.1;Parent=Smp_152530;geneID=Smp_152530;gene_name=Smp_15
2530;owner=irisadmin@local.host;orig_id=Smp_152530.1;date_last_modif
ied=2022-07-23;Name=Smp_152530.1;product=Kinetochore protein
Nuf2;date_creation=2022-07-23
SM_V9_4 iris    exon    38796454        38796583        .       +
        .       Parent=Smp_152530.1;Name=0c369e55-4d96-47b7-
b2de-5369b98091ee
SM_V9_4 iris    exon    38800293        38800321        .       +
        .
Parent=Smp_152530.1;Name=ff490631-6f03-48f2-9032-4b8d1005e0f5
SM_V9_4 iris    exon    38802234        38802343        .       +
        .       Parent=Smp_152530.1;Name=477782c7-96b7-494d-
a8bd-1a6a5d375020
SM_V9_4 iris    exon    38804306        38805725        .       +
        .       Parent=Smp_152530.1;Name=72df5329-09a8-4afe-
ab82-0692fe0df1b1
SM_V9_4 iris    CDS     38800300        38800321        .       +
        0       Parent=Smp_152530.1
SM_V9_4 iris    CDS     38802234        38802343        .       +
        2       Parent=Smp_152530.1
SM_V9_4 iris    CDS     38804306        38804626        .       +
        0       Parent=Smp_152530.1
SM_V9_4 iris    gene    38809804        38828560        .       +
        .
ID=Smp_056620;geneID=Smp_056620;gene_name=Smp_056620;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    38809804        38828560        .       +
        .
ID=Smp_056620.1;Parent=Smp_056620;geneID=Smp_056620;gene_name=Smp_05
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6620;owner=irisadmin@local.host;orig_id=Smp_056620.1;date_last_modif
ied=2022-07-23;Name=Smp_056620.1;product=ATP-dependent DNA helicase
Q1;date_creation=2022-07-23
SM_V9_4 iris    exon    38809804        38809861        .       +
        .       Parent=Smp_056620.1;Name=965894ac-44f6-4f4f-
af38-265baa6005f8
SM_V9_4 iris    exon    38812046        38812152        .       +
        .       Parent=Smp_056620.1;Name=eb1a349e-81c1-4474-9c2b-
e520f5a3b2a6
SM_V9_4 iris    exon    38813692        38813905        .       +
        .       Parent=Smp_056620.1;Name=7d6bf017-9620-4a7f-81f2-
ee43a98817f0
SM_V9_4 iris    exon    38814732        38814970        .       +
        .       Parent=Smp_056620.1;Name=df5eca26-d4b1-4ada-
a026-1898ce9e6506
SM_V9_4 iris    exon    38816126        38816479        .       +
        .       Parent=Smp_056620.1;Name=e306394f-c60d-4a31-828e-
a9f2c49506b6
SM_V9_4 iris    exon    38817855        38817936        .       +
        .       Parent=Smp_056620.1;Name=d31c8c12-4856-4b5c-
b247-4474aae2c3bf
SM_V9_4 iris    exon    38819570        38819718        .       +
        .       Parent=Smp_056620.1;Name=d6d2d22b-6848-4736-bb2b-
f812edcaba3d
SM_V9_4 iris    exon    38825270        38825633        .       +
        .       Parent=Smp_056620.1;Name=b072d254-493f-4233-bd41-
d52ed683c332
SM_V9_4 iris    exon    38827377        38828560        .       +
        .       Parent=Smp_056620.1;Name=fbdeb1f0-2968-4bf9-ac30-
aa5e9dfe224b
SM_V9_4 iris    CDS     38809834        38809861        .       +
        0       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38812046        38812152        .       +
        2       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38813692        38813905        .       +
        0       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38814732        38814970        .       +
        2       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38816126        38816479        .       +
        0       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38817855        38817936        .       +
        0       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38819570        38819718        .       +
        2       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38825270        38825633        .       +
        0       Parent=Smp_056620.1
SM_V9_4 iris    CDS     38827377        38827798        .       +
        2       Parent=Smp_056620.1
SM_V9_4 Liftoff gene    38828609        38849764        .       -
        .       ID=Smp_152520;geneID=Smp_152520
SM_V9_4 Liftoff mRNA    38828609        38849764        .       -
        .
ID=Smp_152520.1;Parent=Smp_152520;geneID=Smp_152520;product=CXXC-
type zinc finger protein 1;polypeptide_domain=InterPro:IPR022056
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Pfam:PF12269
SM_V9_4 Liftoff exon    38828609        38828915        .       -
        .       Parent=Smp_152520.1
SM_V9_4 Liftoff exon    38830617        38830910        .       -
        .       Parent=Smp_152520.1
SM_V9_4 Liftoff exon    38831009        38831131        .       -
        .       Parent=Smp_152520.1
SM_V9_4 Liftoff exon    38836338        38836599        .       -
        .       Parent=Smp_152520.1
SM_V9_4 Liftoff exon    38838184        38838629        .       -
        .       Parent=Smp_152520.1
SM_V9_4 Liftoff exon    38841536        38849764        .       -
        .       Parent=Smp_152520.1
SM_V9_4 Liftoff CDS     38828736        38828915        .       -
        0       Parent=Smp_152520.1
SM_V9_4 Liftoff CDS     38830617        38830910        .       -
        0       Parent=Smp_152520.1
SM_V9_4 Liftoff CDS     38831009        38831131        .       -
        0       Parent=Smp_152520.1
SM_V9_4 Liftoff CDS     38836338        38836599        .       -
        1       Parent=Smp_152520.1
SM_V9_4 Liftoff CDS     38838184        38838629        .       -
        0       Parent=Smp_152520.1
SM_V9_4 Liftoff CDS     38841536        38841880        .       -
        0       Parent=Smp_152520.1
SM_V9_4 iris    gene    38861138        38875288        .       +
        .
ID=Smp_152510;geneID=Smp_152510;gene_name=Smp_152510;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    38861138        38875288        .       +
        .
ID=Smp_152510.1;Parent=Smp_152510;geneID=Smp_152510;gene_name=Smp_15
2510;owner=irisadmin@local.host;orig_id=Smp_152510.1;date_last_modif
ied=2022-07-23;Name=Smp_152510.1;product=CWF19-like protein
1;date_creation=2022-07-23
SM_V9_4 iris    exon    38861138        38861211        .       +
        .       Parent=Smp_152510.1;Name=d6f57340-204d-40cd-9880-
d103f9c21e8d
SM_V9_4 iris    exon    38861246        38861330        .       +
        .       Parent=Smp_152510.1;Name=474c98ca-e9fb-4f26-ac8e-
cae9e31a1abb
SM_V9_4 iris    exon    38861364        38861439        .       +
        .
Parent=Smp_152510.1;Name=1ec4e33c-13fc-4043-9124-534a65975408
SM_V9_4 iris    exon    38861468        38861569        .       +
        .
Parent=Smp_152510.1;Name=dc2d4187-20af-4ccb-989a-73cd17f490ea
SM_V9_4 iris    exon    38861604        38861931        .       +
        .       Parent=Smp_152510.1;Name=3f404f06-7485-43e3-
aba3-00fa592d31a2
SM_V9_4 iris    exon    38864077        38864161        .       +
        .       Parent=Smp_152510.1;Name=85b8f294-4139-4208-878d-
a2500829b45f
SM_V9_4 iris    exon    38864195        38864326        .       +
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        .       Parent=Smp_152510.1;Name=ae018e61-683c-4e57-8365-
fd050f5c9991
SM_V9_4 iris    exon    38865329        38865515        .       +
        .       Parent=Smp_152510.1;Name=9f361b7d-c7bf-4648-
a0a5-0ef61e40d2eb
SM_V9_4 iris    exon    38865978        38866270        .       +
        .       Parent=Smp_152510.1;Name=d3b64c8c-7e05-427d-
ad85-80a7ec442694
SM_V9_4 iris    exon    38866909        38867031        .       +
        .       Parent=Smp_152510.1;Name=4d878525-
e5fb-4cad-898b-086cc1a17965
SM_V9_4 iris    exon    38868012        38868121        .       +
        .       Parent=Smp_152510.1;Name=90141691-2f60-4201-
b58d-017fd5e1d7d0
SM_V9_4 iris    exon    38874901        38875288        .       +
        .
Parent=Smp_152510.1;Name=920299c2-229b-40c9-8dd8-1a7294ae7956
SM_V9_4 iris    CDS     38861186        38861211        .       +
        0       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38861246        38861330        .       +
        1       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38861364        38861439        .       +
        0       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38861468        38861569        .       +
        2       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38861604        38861931        .       +
        2       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38864077        38864161        .       +
        1       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38864195        38864326        .       +
        0       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38865329        38865515        .       +
        0       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38865978        38866270        .       +
        2       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38866909        38867031        .       +
        0       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38868012        38868121        .       +
        0       Parent=Smp_152510.1
SM_V9_4 iris    CDS     38874901        38875069        .       +
        1       Parent=Smp_152510.1
SM_V9_4 iris    gene    38893674        38990222        .       +
        .
ID=Smp_152500;geneID=Smp_152500;gene_name=Smp_152500;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-25
SM_V9_4 iris    mRNA    38893674        38990222        .       +
        .
ID=Smp_152500.1;Parent=Smp_152500;geneID=Smp_152500;gene_name=Smp_15
2500;owner=irisadmin@local.host;orig_id=Smp_152500.1;date_last_modif
ied=2022-08-18;Name=Smp_152500.1;product=cGMP-gated cation channel
alpha-1;date_creation=2022-07-25
SM_V9_4 iris    exon    38893674        38895420        .       +
        .       Parent=Smp_152500.1;Name=f3889791-
cfb8-4f8a-8e76-164433eacad6
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SM_V9_4 iris    exon    38914669        38914704        .       +
        .       Parent=Smp_152500.1;Name=f22f044b-
a83f-4a5e-8726-58bfcdf274d5
SM_V9_4 iris    exon    38925636        38925694        .       +
        .
Parent=Smp_152500.1;Name=cc8b3faf-7c54-4569-8751-7ecbd01ab22d
SM_V9_4 iris    exon    38945548        38945609        .       +
        .       Parent=Smp_152500.1;Name=7457d34c-6628-4384-
adad-595619fa4c7a
SM_V9_4 iris    exon    38964902        38964990        .       +
        .       Parent=Smp_152500.1;Name=2d1cd83e-
bec2-4c6d-8409-2d22be88e1ff
SM_V9_4 iris    exon    38967056        38967158        .       +
        .
Parent=Smp_152500.1;Name=01b06721-44b7-47d5-87cd-22c88f05ce5d
SM_V9_4 iris    exon    38967900        38968054        .       +
        .       Parent=Smp_152500.1;Name=fa46adea-07e6-4a3f-b840-
ed3dfc1cc1d8
SM_V9_4 iris    exon    38974799        38974882        .       +
        .       Parent=Smp_152500.1;Name=097d85ca-ef84-4435-
a0cc-9c339ac65dda
SM_V9_4 iris    exon    38976896        38976992        .       +
        .       Parent=Smp_152500.1;Name=e5343d01-aa56-407f-
bbe9-5bc3c12826ae
SM_V9_4 iris    exon    38985985        38986283        .       +
        .       Parent=Smp_152500.1;Name=a41c8bcb-56a4-438c-
b0bf-1654142574fe
SM_V9_4 iris    exon    38988045        38988105        .       +
        .       Parent=Smp_152500.1;Name=00008a5d-
ec88-4cbf-8931-18380c53d63e
SM_V9_4 iris    exon    38989941        38990222        .       +
        .       Parent=Smp_152500.1;Name=a570727b-
f068-40d8-9755-74875db1ab63
SM_V9_4 iris    CDS     38893772        38895420        .       +
        0       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38914669        38914704        .       +
        1       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38925636        38925694        .       +
        1       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38945548        38945609        .       +
        2       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38964902        38964990        .       +
        0       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38967056        38967158        .       +
        1       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38967900        38968054        .       +
        0       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38974799        38974882        .       +
        1       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38976896        38976992        .       +
        1       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38985985        38986283        .       +
        0       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38988045        38988105        .       +
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        1       Parent=Smp_152500.1
SM_V9_4 iris    CDS     38989941        38990027        .       +
        0       Parent=Smp_152500.1
SM_V9_4 Liftoff gene    38996863        38997854        .       -
        .
ID=Smp_344490;geneID=Smp_344490;previous_systematic_id=Smp_152490
SM_V9_4 Liftoff mRNA    38996863        38997854        .       -
        .
ID=Smp_344490.1;Parent=Smp_344490;geneID=Smp_344490;product=E3
ubiquitin-protein ligase CCNB1IP1
SM_V9_4 Liftoff exon    38996863        38997327        .       -
        .       Parent=Smp_344490.1
SM_V9_4 Liftoff exon    38997365        38997854        .       -
        .       Parent=Smp_344490.1
SM_V9_4 Liftoff CDS     38996917        38997327        .       -
        0       Parent=Smp_344490.1
SM_V9_4 Liftoff CDS     38997365        38997568        .       -
        0       Parent=Smp_344490.1
SM_V9_4 Liftoff gene    39017579        39076554        .       -
        .
ID=Smp_344480;geneID=Smp_344480;previous_systematic_id=Smp_152480
SM_V9_4 Liftoff mRNA    39017579        39076554        .       -
        .
ID=Smp_344480.1;Parent=Smp_344480;geneID=Smp_344480;product=Cyclic
nucleotide-gated channel rod photoreceptor subunit
alpha;polypeptide_domain=InterPro:IPR000595,IPR005821,IPR014710,IPR0
18488,IPR018490
Pfam:PF00027,PF00520;Ontology_term=GO:0005216,GO:0006811,GO:0016020,
GO:0055085
SM_V9_4 Liftoff exon    39017579        39017989        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39019133        39019196        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39021566        39021725        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39021771        39021894        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39024274        39024370        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39030926        39031009        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39032205        39032359        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39033653        39033755        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39036879        39036967        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39039710        39039771        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39047918        39047976        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39051430        39051465        .       -
        .       Parent=Smp_344480.1
SM_V9_4 Liftoff exon    39074901        39076554        .       -
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        .       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39017906        39017989        .       -
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SM_V9_4 Liftoff CDS     39019133        39019196        .       -
        1       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39021566        39021725        .       -
        2       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39021771        39021894        .       -
        0       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39024274        39024370        .       -
        1       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39030926        39031009        .       -
        1       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39032205        39032359        .       -
        0       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39033653        39033755        .       -
        1       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39036879        39036967        .       -
        0       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39039710        39039771        .       -
        2       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39047918        39047976        .       -
        1       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39051430        39051465        .       -
        1       Parent=Smp_344480.1
SM_V9_4 Liftoff CDS     39074901        39075778        .       -
        0       Parent=Smp_344480.1
SM_V9_4 Liftoff mRNA    39017579        39076554        .       -
        .
ID=Smp_344480.2;Parent=Smp_344480;geneID=Smp_344480;product=Cyclic
nucleotide-gated channel rod photoreceptor subunit
alpha;polypeptide_domain=InterPro:IPR000595,IPR005821,IPR014710,IPR0
18488,IPR018490
Pfam:PF00027,PF00520;Ontology_term=GO:0005216,GO:0006811,GO:0016020,
GO:0055085
SM_V9_4 Liftoff exon    39017579        39017989        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39019133        39019196        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39021566        39021725        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39021771        39021894        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39024274        39024370        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39030926        39031009        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39032205        39032359        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39033653        39033755        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39036879        39036967        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39039710        39039771        .       -
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        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39047918        39047976        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff exon    39074901        39076554        .       -
        .       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39017906        39017989        .       -
        0       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39019133        39019196        .       -
        1       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39021566        39021725        .       -
        2       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39021771        39021894        .       -
        0       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39024274        39024370        .       -
        1       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39030926        39031009        .       -
        1       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39032205        39032359        .       -
        0       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39033653        39033755        .       -
        1       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39036879        39036967        .       -
        0       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39039710        39039771        .       -
        2       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39047918        39047976        .       -
        1       Parent=Smp_344480.2
SM_V9_4 Liftoff CDS     39074901        39075778        .       -
        0       Parent=Smp_344480.2
SM_V9_4 Liftoff gene    39275088        39353373        .       +
        .       ID=Smp_104970;geneID=Smp_104970
SM_V9_4 Liftoff mRNA    39275088        39353373        .       +
        .
ID=Smp_104970.1;Parent=Smp_104970;geneID=Smp_104970;product=Leucine-
rich repeat and fibronectin type-III domain-containing protein
5;polypeptide_domain=InterPro:IPR000483,IPR001611,IPR007110,IPR03267
5 Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    39275088        39353373        .       +
        .       Parent=Smp_104970.1
SM_V9_4 Liftoff CDS     39349979        39352789        .       +
        0       Parent=Smp_104970.1
SM_V9_4 iris    gene    39356481        39366644        .       -
        .
ID=Smp_104960;geneID=Smp_104960;gene_name=Smp_104960;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_4 iris    mRNA    39356481        39366644        .       -
        .
ID=Smp_104960.1;Parent=Smp_104960;geneID=Smp_104960;gene_name=Smp_10
4960;owner=irisadmin@local.host;orig_id=Smp_104960.1;date_last_modif
ied=2022-08-18;Name=Smp_104960.1;product=Syntaxin-6;date_creation=20
22-08-18
SM_V9_4 iris    exon    39356481        39357430        .       -
        .       Parent=Smp_104960.1;Name=7cff522c-0e13-45ca-
a56d-35a8e2c22cc6
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SM_V9_4 iris    exon    39360890        39361134        .       -
        .       Parent=Smp_104960.1;Name=fba76c78-6a2c-4fcb-
a714-07f8beb54fb4
SM_V9_4 iris    exon    39366392        39366644        .       -
        .
Parent=Smp_104960.1;Name=70913901-8846-4e63-8426-72aaffa5da41
SM_V9_4 iris    CDS     39357037        39357430        .       -
        1       Parent=Smp_104960.1
SM_V9_4 iris    CDS     39360890        39361134        .       -
        0       Parent=Smp_104960.1
SM_V9_4 iris    CDS     39366392        39366565        .       -
        0       Parent=Smp_104960.1
SM_V9_4 iris    gene    39370348        39386022        .       +
        .
ID=Smp_180790;geneID=Smp_180790;gene_name=Smp_180790;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    39370348        39386022        .       +
        .
ID=Smp_180790.1;Parent=Smp_180790;geneID=Smp_180790;gene_name=Smp_18
0790;owner=irisadmin@local.host;orig_id=Smp_180790.1;date_last_modif
ied=2022-07-23;Name=Smp_180790.1;product=Hypothetical
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    39370348        39370436        .       +
        .       Parent=Smp_180790.1;Name=0e374878-2e17-44be-
a613-753270cc077a
SM_V9_4 iris    exon    39372788        39372991        .       +
        .       Parent=Smp_180790.1;Name=23da55d8-a767-4534-8280-
ddfb4eb153b0
SM_V9_4 iris    exon    39373027        39373321        .       +
        .       Parent=Smp_180790.1;Name=7535bcca-4928-4507-
b3e8-38e11d3fd031
SM_V9_4 iris    exon    39375394        39376854        .       +
        .       Parent=Smp_180790.1;Name=ef6e4fa2-b555-4f3f-
a5c4-38368e618a83
SM_V9_4 iris    exon    39377727        39378121        .       +
        .       Parent=Smp_180790.1;Name=ce1b63fb-4cf3-445b-91dc-
a9211548ee1f
SM_V9_4 iris    exon    39381460        39381641        .       +
        .       Parent=Smp_180790.1;Name=60ba7ef1-311f-4a37-
a5f3-571191dad788
SM_V9_4 iris    exon    39384889        39386022        .       +
        .
Parent=Smp_180790.1;Name=9efdf221-085d-4098-886b-5077aec8c25a
SM_V9_4 iris    CDS     39372953        39372991        .       +
        0       Parent=Smp_180790.1
SM_V9_4 iris    CDS     39373027        39373321        .       +
        0       Parent=Smp_180790.1
SM_V9_4 iris    CDS     39375394        39376854        .       +
        2       Parent=Smp_180790.1
SM_V9_4 iris    CDS     39377727        39378121        .       +
        2       Parent=Smp_180790.1
SM_V9_4 iris    CDS     39381460        39381641        .       +
        0       Parent=Smp_180790.1
SM_V9_4 iris    CDS     39384889        39385456        .       +
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        1       Parent=Smp_180790.1
SM_V9_4 iris    gene    39416877        39437694        .       -
        .
ID=Smp_097020;geneID=Smp_097020;gene_name=Smp_097020;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    39416877        39437694        .       -
        .
ID=Smp_097020.1;Parent=Smp_097020;geneID=Smp_097020;gene_name=Smp_09
7020;owner=irisadmin@local.host;orig_id=Smp_097020.1;date_last_modif
ied=2022-07-23;Name=Smp_097020.1;product=F-box/LRR-repeat protein
20;date_creation=2022-07-23
SM_V9_4 iris    exon    39416877        39418606        .       -
        .       Parent=Smp_097020.1;Name=5df61309-
bdf2-456a-9d1a-5ce63a20b9a3
SM_V9_4 iris    exon    39424887        39425192        .       -
        .       Parent=Smp_097020.1;Name=2a6de9cb-3909-44a9-9500-
cfeb15ff8eb2
SM_V9_4 iris    exon    39429221        39429652        .       -
        .       Parent=Smp_097020.1;Name=4c692a5d-b788-4cdc-8283-
a3c5fb47cbdb
SM_V9_4 iris    exon    39433699        39433897        .       -
        .       Parent=Smp_097020.1;Name=469c81a4-32cf-4b03-8835-
cd96bc8fe274
SM_V9_4 iris    exon    39435928        39436092        .       -
        .       Parent=Smp_097020.1;Name=4490a422-1e3c-424c-afb5-
f9ab2257608b
SM_V9_4 iris    exon    39437026        39437120        .       -
        .       Parent=Smp_097020.1;Name=25bd7c81-0f7b-4260-a8c8-
deb3c6c627d9
SM_V9_4 iris    exon    39437157        39437231        .       -
        .       Parent=Smp_097020.1;Name=8181c980-e169-4f73-
b2ee-03940a3ac6a4
SM_V9_4 iris    exon    39437266        39437320        .       -
        .       Parent=Smp_097020.1;Name=2dfdd102-b77b-4b82-
b1c9-2e9dc2c23f48
SM_V9_4 iris    exon    39437358        39437422        .       -
        .       Parent=Smp_097020.1;Name=84a2d1b5-5db0-46d8-b76a-
abeee2ad0859
SM_V9_4 iris    exon    39437458        39437694        .       -
        .       Parent=Smp_097020.1;Name=ddff6099-3b04-4815-
a127-6e0c84c7b63a
SM_V9_4 iris    CDS     39418499        39418606        .       -
        0       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39424887        39425192        .       -
        0       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39429221        39429652        .       -
        0       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39433699        39433897        .       -
        1       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39435928        39436092        .       -
        1       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39437026        39437120        .       -
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SM_V9_4 iris    CDS     39437157        39437231        .       -
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        0       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39437266        39437320        .       -
        1       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39437358        39437422        .       -
        0       Parent=Smp_097020.1
SM_V9_4 iris    CDS     39437458        39437514        .       -
        0       Parent=Smp_097020.1
SM_V9_4 Liftoff gene    39443596        39477482        .       +
        .
ID=Smp_247520;geneID=Smp_247520;previous_systematic_id=Smp_175460
SM_V9_4 Liftoff mRNA    39443596        39477482        .       +
        .
ID=Smp_247520.1;Parent=Smp_247520;geneID=Smp_247520;product=Leucine-
rich repeat flightless-interacting protein
2;polypeptide_domain=InterPro:IPR019139
Pfam:PF09738;Ontology_term=GO:0006355
SM_V9_4 Liftoff exon    39443596        39446003        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39446043        39446129        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39446170        39446220        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39447024        39447205        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39450132        39450219        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39451248        39451638        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39457936        39458109        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39467863        39467939        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39475065        39475169        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff exon    39476142        39477482        .       +
        .       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39445944        39446003        .       +
        0       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39446043        39446129        .       +
        0       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39446170        39446220        .       +
        0       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39447024        39447205        .       +
        0       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39450132        39450219        .       +
        1       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39451248        39451638        .       +
        0       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39457936        39458109        .       +
        2       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39467863        39467939        .       +
        2       Parent=Smp_247520.1
SM_V9_4 Liftoff CDS     39475065        39475169        .       +
        0       Parent=Smp_247520.1
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SM_V9_4 Liftoff CDS     39476142        39476288        .       +
        0       Parent=Smp_247520.1
SM_V9_4 iris    gene    39487801        39626346        .       +
        .
ID=Smp_334390;geneID=Smp_334390;gene_name=Smp_334390;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    39487801        39626346        .       +
        .
ID=Smp_334390.1;Parent=Smp_334390;geneID=Smp_334390;gene_name=Smp_33
4390;owner=irisadmin@local.host;orig_id=Smp_334390.1;date_last_modif
ied=2022-07-23;Name=Smp_334390.1;product=Hydrocephalus-inducing
protein homolog;date_creation=2022-07-23
SM_V9_4 iris    exon    39487801        39488420        .       +
        .       Parent=Smp_334390.1;Name=0b62803f-5bb5-4d22-82e8-
e90a4a00b941
SM_V9_4 iris    exon    39488461        39488756        .       +
        .
Parent=Smp_334390.1;Name=09b7a373-510b-494b-8e93-0c502239b37b
SM_V9_4 iris    exon    39491354        39491949        .       +
        .
Parent=Smp_334390.1;Name=3cf48fba-416f-4f7d-8c69-73dfd5bd6238
SM_V9_4 iris    exon    39494444        39494511        .       +
        .       Parent=Smp_334390.1;Name=76a8c9a3-ce49-4166-96d9-
e72fe92273fe
SM_V9_4 iris    exon    39497026        39497371        .       +
        .       Parent=Smp_334390.1;Name=851a23d8-8dac-4fe1-8f08-
a65c2a4b6933
SM_V9_4 iris    exon    39499045        39499288        .       +
        .       Parent=Smp_334390.1;Name=f07381ea-3ec5-4454-
a435-0bb1e9405939
SM_V9_4 iris    exon    39500792        39500908        .       +
        .
Parent=Smp_334390.1;Name=a7e4ec64-7ea7-4a53-84a3-28b218395779
SM_V9_4 iris    exon    39504452        39504604        .       +
        .
Parent=Smp_334390.1;Name=ef207230-68ba-45c7-867f-9265026737ab
SM_V9_4 iris    exon    39506564        39506920        .       +
        .       Parent=Smp_334390.1;Name=cff2a0ec-46f7-4f27-867f-
f8018aa98be0
SM_V9_4 iris    exon    39509883        39509983        .       +
        .       Parent=Smp_334390.1;Name=80b35413-dd01-498a-9e85-
d7dbe23de63e
SM_V9_4 iris    exon    39511980        39512127        .       +
        .
Parent=Smp_334390.1;Name=f4671a44-4e82-4d70-879a-8cc759a2ed1e
SM_V9_4 iris    exon    39513869        39514003        .       +
        .       Parent=Smp_334390.1;Name=5a7bb85f-2b31-44ca-
afbe-49fa0be950a7
SM_V9_4 iris    exon    39515994        39516122        .       +
        .       Parent=Smp_334390.1;Name=5ee5a10a-da47-4836-a0b2-
e8d4dd4dccbd
SM_V9_4 iris    exon    39518075        39519630        .       +
        .       Parent=Smp_334390.1;Name=206d003f-49b3-4ec1-bf60-
b7610dc0d085
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SM_V9_4 iris    exon    39523183        39523471        .       +
        .       Parent=Smp_334390.1;Name=202dd942-dffc-41fe-a267-
ed533c3dbf78
SM_V9_4 iris    exon    39524502        39524834        .       +
        .       Parent=Smp_334390.1;Name=9df42f82-c070-4909-87a4-
d6f1cde87231
SM_V9_4 iris    exon    39528086        39528343        .       +
        .       Parent=Smp_334390.1;Name=6346f5d3-563d-4129-
a046-6ae7cdbeee6d
SM_V9_4 iris    exon    39529252        39529458        .       +
        .       Parent=Smp_334390.1;Name=7f304801-ed82-49db-8376-
b3ce113c08cc
SM_V9_4 iris    exon    39531644        39531995        .       +
        .       Parent=Smp_334390.1;Name=c0f774a5-e1bf-4ef7-984b-
f654d2989720
SM_V9_4 iris    exon    39535214        39535498        .       +
        .       Parent=Smp_334390.1;Name=aa2790c7-fe83-4a11-
b102-24ceb16e15f5
SM_V9_4 iris    exon    39538318        39538469        .       +
        .       Parent=Smp_334390.1;Name=b047795f-9286-483e-85b8-
ba95136dc21e
SM_V9_4 iris    exon    39540687        39541285        .       +
        .       Parent=Smp_334390.1;Name=5bcfc015-a0d6-4236-8413-
b93d57ac3fdb
SM_V9_4 iris    exon    39543644        39543835        .       +
        .       Parent=Smp_334390.1;Name=b11d5d01-88ff-4346-8740-
f4e5089e3d28
SM_V9_4 iris    exon    39545142        39545264        .       +
        .       Parent=Smp_334390.1;Name=e6c74f4f-f660-4b89-
a173-3d728145d0b6
SM_V9_4 iris    exon    39545768        39546219        .       +
        .       Parent=Smp_334390.1;Name=0f76311d-e5b2-44f3-9027-
cd76cdd23899
SM_V9_4 iris    exon    39547916        39548454        .       +
        .       Parent=Smp_334390.1;Name=2a5b9968-11ca-40d9-a226-
cdb84a7ed522
SM_V9_4 iris    exon    39550377        39550591        .       +
        .       Parent=Smp_334390.1;Name=885324fc-
dcb6-4a0d-903c-981368119704
SM_V9_4 iris    exon    39553838        39553870        .       +
        .       Parent=Smp_334390.1;Name=1f869ff8-5096-4751-bf1d-
cd7cb3bf303d
SM_V9_4 iris    exon    39555342        39555524        .       +
        .       Parent=Smp_334390.1;Name=f4c69857-13af-4f82-8f50-
cc8f98fe6f0c
SM_V9_4 iris    exon    39557035        39557154        .       +
        .       Parent=Smp_334390.1;Name=a07ab676-1a86-4d71-
ac33-8978b5eebf25
SM_V9_4 iris    exon    39559290        39559622        .       +
        .
Parent=Smp_334390.1;Name=747063da-3aa6-4e8b-9a76-60a22230ab15
SM_V9_4 iris    exon    39562202        39562506        .       +
        .       Parent=Smp_334390.1;Name=e4d9289c-
a80f-4508-92c4-95c0ffcdfb55
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SM_V9_4 iris    exon    39563707        39563806        .       +
        .       Parent=Smp_334390.1;Name=7fcaeaec-3b79-4127-
a767-4e6e1e5eaedc
SM_V9_4 iris    exon    39565955        39566063        .       +
        .       Parent=Smp_334390.1;Name=61c3d3fe-fc57-460f-b913-
f6824f2a6659
SM_V9_4 iris    exon    39567009        39567151        .       +
        .       Parent=Smp_334390.1;Name=ae6587b9-cf34-47fd-
b3ac-3f57a017b08e
SM_V9_4 iris    exon    39568658        39568858        .       +
        .
Parent=Smp_334390.1;Name=8621f7ce-6fa6-4f47-8711-10fd41db40a5
SM_V9_4 iris    exon    39572362        39572382        .       +
        .       Parent=Smp_334390.1;Name=19f8748d-8e2c-4f91-
a01e-5ad29875e0e4
SM_V9_4 iris    exon    39575573        39575720        .       +
        .
Parent=Smp_334390.1;Name=a4d5d6ed-924d-4484-8d9c-8944c62d259f
SM_V9_4 iris    exon    39579022        39579201        .       +
        .       Parent=Smp_334390.1;Name=cc240de3-
da31-495e-93d9-43909d8e71c6
SM_V9_4 iris    exon    39580637        39580936        .       +
        .
Parent=Smp_334390.1;Name=a3a76774-6af3-47e8-92fd-99a1e1971ce7
SM_V9_4 iris    exon    39581644        39581928        .       +
        .
Parent=Smp_334390.1;Name=696baeb9-02bb-4e43-9832-5d4c841bb56a
SM_V9_4 iris    exon    39583406        39583523        .       +
        .       Parent=Smp_334390.1;Name=6dfd0d5c-1941-4660-
b456-95d1271ffaca
SM_V9_4 iris    exon    39585807        39586121        .       +
        .       Parent=Smp_334390.1;Name=533f1b53-
b31c-4721-911a-27f77e702ca0
SM_V9_4 iris    exon    39587690        39587722        .       +
        .       Parent=Smp_334390.1;Name=9b9fa4c3-e541-499b-8943-
f07df08aa1bd
SM_V9_4 iris    exon    39591149        39591450        .       +
        .       Parent=Smp_334390.1;Name=1eb0b6fd-eb20-4579-
aa8a-91e3ef3a2e45
SM_V9_4 iris    exon    39593282        39593340        .       +
        .
Parent=Smp_334390.1;Name=5de96fc7-2e7f-465e-9eea-1bc20baaa09a
SM_V9_4 iris    exon    39594402        39594776        .       +
        .
Parent=Smp_334390.1;Name=782380ff-3e86-44c1-8d65-196a29f80592
SM_V9_4 iris    exon    39597928        39598147        .       +
        .       Parent=Smp_334390.1;Name=675fae94-
e23b-45d7-94cc-47a0c6a6c357
SM_V9_4 iris    exon    39600101        39600408        .       +
        .       Parent=Smp_334390.1;Name=2a90f822-9312-476c-
a991-4cd2c74c0df3
SM_V9_4 iris    exon    39602206        39602344        .       +
        .       Parent=Smp_334390.1;Name=50a907f0-d8fe-4d0f-
a225-78b65a491d00
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SM_V9_4 iris    exon    39604201        39604577        .       +
        .
Parent=Smp_334390.1;Name=ec52cec0-8c6d-44b5-9d87-5c3173cb9fb8
SM_V9_4 iris    exon    39607721        39609658        .       +
        .       Parent=Smp_334390.1;Name=92fc7b71-
f396-4aa0-8e71-0d83944a83a3
SM_V9_4 iris    exon    39613558        39613693        .       +
        .
Parent=Smp_334390.1;Name=ba76b47a-686a-4b21-8944-98bbf037bd8c
SM_V9_4 iris    exon    39615513        39615806        .       +
        .
Parent=Smp_334390.1;Name=d80c3826-8774-4a67-9a34-4c0e9cabae64
SM_V9_4 iris    exon    39618217        39618531        .       +
        .       Parent=Smp_334390.1;Name=97283c3d-6526-42f6-801a-
f3c55c93327f
SM_V9_4 iris    exon    39621216        39621446        .       +
        .       Parent=Smp_334390.1;Name=55fa2ab1-3418-4747-
b044-2b3ec3ca0443
SM_V9_4 iris    exon    39622958        39623134        .       +
        .       Parent=Smp_334390.1;Name=28322bde-
ded0-46d9-88ca-7edf3a7f569c
SM_V9_4 iris    exon    39625207        39625476        .       +
        .       Parent=Smp_334390.1;Name=61fa7b53-f30b-4a58-afd3-
f1205a4941b9
SM_V9_4 iris    exon    39625920        39626346        .       +
        .       Parent=Smp_334390.1;Name=eea502e5-941f-46ba-a537-
a09c172c14cc
SM_V9_4 iris    CDS     39488399        39488420        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39488461        39488756        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39491354        39491949        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39494444        39494511        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39497026        39497371        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39499045        39499288        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39500792        39500908        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39504452        39504604        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39506564        39506920        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39509883        39509983        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39511980        39512127        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39513869        39514003        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39515994        39516122        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39518075        39519630        .       +
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        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39523183        39523471        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39524502        39524834        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39528086        39528343        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39529252        39529458        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39531644        39531995        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39535214        39535498        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39538318        39538469        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39540687        39541285        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39543644        39543835        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39545142        39545264        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39545768        39546219        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39547916        39548454        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39550377        39550591        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39553838        39553870        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39555342        39555524        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39557035        39557154        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39559290        39559622        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39562202        39562506        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39563707        39563806        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39565955        39566063        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39567009        39567151        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39568658        39568858        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39572362        39572382        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39575573        39575720        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39579022        39579201        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39580637        39580936        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39581644        39581928        .       +
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        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39583406        39583523        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39585807        39586121        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39587690        39587722        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39591149        39591450        .       +
        2       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39593282        39593340        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39594402        39594776        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39597928        39598147        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39600101        39600408        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39602206        39602344        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39604201        39604577        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39607721        39609658        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39613558        39613693        .       +
        1       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39615513        39615806        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39618217        39618531        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39621216        39621446        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39622958        39623134        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39625207        39625476        .       +
        0       Parent=Smp_334390.1
SM_V9_4 iris    CDS     39625920        39626243        .       +
        0       Parent=Smp_334390.1
SM_V9_4 Liftoff gene    39633135        39635533        .       +
        .       ID=Smp_175440;geneID=Smp_175440
SM_V9_4 Liftoff mRNA    39633135        39635533        .       +
        .
ID=Smp_175440.1;Parent=Smp_175440;geneID=Smp_175440;product=NADH-
quinone oxidoreductase subunit D 1
SM_V9_4 Liftoff exon    39633135        39633211        .       +
        .       Parent=Smp_175440.1
SM_V9_4 Liftoff exon    39635452        39635533        .       +
        .       Parent=Smp_175440.1
SM_V9_4 Liftoff CDS     39633135        39633211        .       +
        0       Parent=Smp_175440.1
SM_V9_4 Liftoff CDS     39635452        39635533        .       +
        1       Parent=Smp_175440.1
SM_V9_4 Liftoff gene    39638401        39663144        .       +
        .       ID=Smp_175430;geneID=Smp_175430
SM_V9_4 Liftoff mRNA    39638401        39663144        .       +
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ID=Smp_175430.1;Parent=Smp_175430;geneID=Smp_175430;product=DNA
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1;polypeptide_domain=InterPro:IPR004871,IPR011042,IPR015943
Pfam:PF03178,PF10433;Ontology_term=GO:0003676,GO:0005515,GO:0005634
SM_V9_4 Liftoff exon    39638401        39638499        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39638536        39638684        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39638717        39638833        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39638869        39639050        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39639086        39639377        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39642071        39642254        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39642939        39643244        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39644624        39644696        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39645198        39645566        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39648311        39648672        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39650780        39650996        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39653374        39653627        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39655145        39655503        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39656489        39656656        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39657807        39658293        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39659790        39660109        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff exon    39662712        39663144        .       +
        .       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39638439        39638499        .       +
        0       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39638536        39638684        .       +
        2       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39638717        39638833        .       +
        0       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39638869        39639050        .       +
        0       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39639086        39639377        .       +
        1       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39642071        39642254        .       +
        0       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39642939        39643244        .       +
        2       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39644624        39644696        .       +
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        2       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39645198        39645566        .       +
        1       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39648311        39648672        .       +
        1       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39650780        39650996        .       +
        2       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39653374        39653627        .       +
        1       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39655145        39655503        .       +
        2       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39656489        39656656        .       +
        0       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39657807        39658293        .       +
        0       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39659790        39660109        .       +
        2       Parent=Smp_175430.1
SM_V9_4 Liftoff CDS     39662712        39662828        .       +
        0       Parent=Smp_175430.1
SM_V9_4 Liftoff gene    39664945        39665847        .       -
        .       ID=Smp_175420;geneID=Smp_175420
SM_V9_4 Liftoff mRNA    39664945        39665847        .       -
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ID=Smp_175420.1;Parent=Smp_175420;geneID=Smp_175420;product=Signal
peptidase complex subunit 3;polypeptide_domain=InterPro:IPR007653
Pfam:PF04573;Ontology_term=GO:0005787,GO:0006465,GO:0008233,GO:00160
21
SM_V9_4 Liftoff exon    39664945        39665562        .       -
        .       Parent=Smp_175420.1
SM_V9_4 Liftoff exon    39665594        39665847        .       -
        .       Parent=Smp_175420.1
SM_V9_4 Liftoff CDS     39665239        39665562        .       -
        0       Parent=Smp_175420.1
SM_V9_4 Liftoff CDS     39665594        39665809        .       -
        0       Parent=Smp_175420.1
SM_V9_4 Liftoff gene    39690151        39705955        .       +
        .
ID=Smp_347270;geneID=Smp_347270;previous_systematic_id=Smp_205720
SM_V9_4 Liftoff mRNA    39690151        39705955        .       +
        .
ID=Smp_347270.1;Parent=Smp_347270;geneID=Smp_347270;product=Universa
l stress protein
MJ0531;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
SM_V9_4 Liftoff exon    39690151        39690475        .       +
        .       Parent=Smp_347270.1
SM_V9_4 Liftoff exon    39705070        39705955        .       +
        .       Parent=Smp_347270.1
SM_V9_4 Liftoff CDS     39690261        39690475        .       +
        0       Parent=Smp_347270.1
SM_V9_4 Liftoff CDS     39705070        39705325        .       +
        1       Parent=Smp_347270.1
SM_V9_4 Liftoff gene    39785308        39787773        .       -
        .       ID=Smp_136850;geneID=Smp_136850
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SM_V9_4 Liftoff mRNA    39785308        39787773        .       -
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ID=Smp_136850.1;Parent=Smp_136850;geneID=Smp_136850;product=Centrin-
1;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_4 Liftoff exon    39785308        39785842        .       -
        .       Parent=Smp_136850.1
SM_V9_4 Liftoff exon    39787207        39787391        .       -
        .       Parent=Smp_136850.1
SM_V9_4 Liftoff exon    39787427        39787656        .       -
        .       Parent=Smp_136850.1
SM_V9_4 Liftoff exon    39787696        39787773        .       -
        .       Parent=Smp_136850.1
SM_V9_4 Liftoff CDS     39785753        39785842        .       -
        0       Parent=Smp_136850.1
SM_V9_4 Liftoff CDS     39787207        39787391        .       -
        2       Parent=Smp_136850.1
SM_V9_4 Liftoff CDS     39787427        39787656        .       -
        1       Parent=Smp_136850.1
SM_V9_4 Liftoff CDS     39787696        39787709        .       -
        0       Parent=Smp_136850.1
SM_V9_4 Liftoff gene    39801279        39807793        .       +
        .       ID=Smp_136860;geneID=Smp_136860
SM_V9_4 Liftoff mRNA    39801279        39807793        .       +
        .
ID=Smp_136860.1;Parent=Smp_136860;geneID=Smp_136860;product=Cadherin
EGF LAG seven-pass G-type receptor 3
SM_V9_4 Liftoff exon    39801279        39801395        .       +
        .       Parent=Smp_136860.1
SM_V9_4 Liftoff exon    39807095        39807793        .       +
        .       Parent=Smp_136860.1
SM_V9_4 Liftoff CDS     39801319        39801395        .       +
        0       Parent=Smp_136860.1
SM_V9_4 Liftoff CDS     39807095        39807524        .       +
        1       Parent=Smp_136860.1
SM_V9_4 Liftoff gene    39817289        39818363        .       +
        .       ID=Smp_136870;geneID=Smp_136870
SM_V9_4 Liftoff mRNA    39817289        39818363        .       +
        .
ID=Smp_136870.1;Parent=Smp_136870;geneID=Smp_136870;product=Universa
l stress protein
Sll1388;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
SM_V9_4 Liftoff exon    39817289        39818363        .       +
        .       Parent=Smp_136870.1
SM_V9_4 Liftoff CDS     39817320        39817820        .       +
        0       Parent=Smp_136870.1
SM_V9_4 Liftoff gene    39819740        39826705        .       -
        .
ID=Smp_311140;geneID=Smp_311140;previous_systematic_id=Smp_136880
SM_V9_4 Liftoff mRNA    39819740        39826705        .       -
        .
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3',8-cyclase
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SM_V9_4 Liftoff exon    39819740        39820147        .       -
        .       Parent=Smp_311140.1
SM_V9_4 Liftoff exon    39826562        39826705        .       -
        .       Parent=Smp_311140.1
SM_V9_4 Liftoff CDS     39819966        39820147        .       -
        2       Parent=Smp_311140.1
SM_V9_4 Liftoff CDS     39826562        39826580        .       -
        0       Parent=Smp_311140.1
SM_V9_4 Liftoff gene    39830604        39831375        .       -
        .
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SM_V9_4 Liftoff mRNA    39830604        39831375        .       -
        .
ID=Smp_343060.1;Parent=Smp_343060;geneID=Smp_343060;product=Universa
l stress protein
Sll1654;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
SM_V9_4 Liftoff exon    39830604        39831375        .       -
        .       Parent=Smp_343060.1
SM_V9_4 Liftoff CDS     39830819        39831319        .       -
        0       Parent=Smp_343060.1
SM_V9_4 Liftoff gene    39873639        39900017        .       +
        .
ID=Smp_343070;geneID=Smp_343070;previous_systematic_id=Smp_136900
SM_V9_4 Liftoff mRNA    39873639        39900017        .       +
        .
ID=Smp_343070.1;Parent=Smp_343070;geneID=Smp_343070;product=Homeobox
protein DLL
homolog;polypeptide_domain=InterPro:IPR000047,IPR001356,IPR009057,IP
R017970 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_4 Liftoff exon    39873639        39874861        .       +
        .       Parent=Smp_343070.1
SM_V9_4 Liftoff exon    39887988        39888289        .       +
        .       Parent=Smp_343070.1
SM_V9_4 Liftoff exon    39896193        39896309        .       +
        .       Parent=Smp_343070.1
SM_V9_4 Liftoff exon    39898436        39900017        .       +
        .       Parent=Smp_343070.1
SM_V9_4 Liftoff CDS     39873691        39874861        .       +
        0       Parent=Smp_343070.1
SM_V9_4 Liftoff CDS     39887988        39888289        .       +
        2       Parent=Smp_343070.1
SM_V9_4 Liftoff CDS     39896193        39896309        .       +
        0       Parent=Smp_343070.1
SM_V9_4 Liftoff CDS     39898436        39899413        .       +
        0       Parent=Smp_343070.1
SM_V9_4 Liftoff gene    39930355        39937950        .       -
        .       ID=Smp_329690;geneID=Smp_329690
SM_V9_4 Liftoff mRNA    39930355        39937950        .       -
        .
ID=Smp_329690.1;Parent=Smp_329690;geneID=Smp_329690;product=Uracil-
DNA glycosylase
SM_V9_4 Liftoff exon    39930355        39931050        .       -
        .       Parent=Smp_329690.1
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SM_V9_4 Liftoff exon    39931340        39931408        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39932474        39932521        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39933626        39933691        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39933940        39933975        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39935074        39935133        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39935181        39935228        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39935708        39935770        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39936505        39936567        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff exon    39937339        39937950        .       -
        .       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39930989        39931050        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39931340        39931408        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39932474        39932521        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39933626        39933691        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39933940        39933975        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39935074        39935133        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39935181        39935228        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39935708        39935770        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39936505        39936567        .       -
        2       Parent=Smp_329690.1
SM_V9_4 Liftoff CDS     39937339        39937405        .       -
        0       Parent=Smp_329690.1
SM_V9_4 Liftoff gene    40014438        40021920        .       -
        .       ID=Smp_317120;geneID=Smp_317120
SM_V9_4 Liftoff mRNA    40014438        40021920        .       -
        .
ID=Smp_317120.1;Parent=Smp_317120;geneID=Smp_317120;product=Laminin
subunit gamma-1
SM_V9_4 Liftoff exon    40014438        40015839        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40017192        40017239        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40018358        40018423        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40018554        40018595        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40018671        40018706        .       -
        .       Parent=Smp_317120.1
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SM_V9_4 Liftoff exon    40019274        40019330        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40019378        40019422        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40019895        40019957        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40020833        40020895        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff exon    40021646        40021920        .       -
        .       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40015766        40015839        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40017192        40017239        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40018358        40018423        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40018554        40018595        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40018671        40018706        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40019274        40019330        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40019378        40019422        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40019895        40019957        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40020833        40020895        .       -
        2       Parent=Smp_317120.1
SM_V9_4 Liftoff CDS     40021646        40021712        .       -
        0       Parent=Smp_317120.1
SM_V9_4 Liftoff mRNA    40014438        40021920        .       -
        .
ID=Smp_317120.2;Parent=Smp_317120;geneID=Smp_317120;product=pH-
response regulator protein palA/RIM20
SM_V9_4 Liftoff exon    40014438        40015505        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40015771        40015839        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40017192        40017239        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40018358        40018423        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40018554        40018595        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40018671        40018706        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40019274        40019330        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40019378        40019422        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40019895        40019957        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff exon    40020833        40020895        .       -
        .       Parent=Smp_317120.2
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SM_V9_4 Liftoff exon    40021646        40021920        .       -
        .       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40015450        40015505        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40015771        40015839        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40017192        40017239        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40018358        40018423        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40018554        40018595        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40018671        40018706        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40019274        40019330        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40019378        40019422        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40019895        40019957        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40020833        40020895        .       -
        2       Parent=Smp_317120.2
SM_V9_4 Liftoff CDS     40021646        40021712        .       -
        0       Parent=Smp_317120.2
SM_V9_4 Liftoff mRNA    40014438        40021920        .       -
        .
ID=Smp_317120.3;Parent=Smp_317120;geneID=Smp_317120;product=Laminin
subunit gamma-1
SM_V9_4 Liftoff exon    40014438        40015839        .       -
        .       Parent=Smp_317120.3
SM_V9_4 Liftoff exon    40018671        40018706        .       -
        .       Parent=Smp_317120.3
SM_V9_4 Liftoff exon    40019274        40019330        .       -
        .       Parent=Smp_317120.3
SM_V9_4 Liftoff exon    40019378        40019422        .       -
        .       Parent=Smp_317120.3
SM_V9_4 Liftoff exon    40019895        40019957        .       -
        .       Parent=Smp_317120.3
SM_V9_4 Liftoff exon    40020833        40020895        .       -
        .       Parent=Smp_317120.3
SM_V9_4 Liftoff exon    40021646        40021920        .       -
        .       Parent=Smp_317120.3
SM_V9_4 Liftoff CDS     40015766        40015839        .       -
        2       Parent=Smp_317120.3
SM_V9_4 Liftoff CDS     40018671        40018706        .       -
        2       Parent=Smp_317120.3
SM_V9_4 Liftoff CDS     40019274        40019330        .       -
        2       Parent=Smp_317120.3
SM_V9_4 Liftoff CDS     40019378        40019422        .       -
        2       Parent=Smp_317120.3
SM_V9_4 Liftoff CDS     40019895        40019957        .       -
        2       Parent=Smp_317120.3
SM_V9_4 Liftoff CDS     40020833        40020895        .       -
        2       Parent=Smp_317120.3
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SM_V9_4 Liftoff CDS     40021646        40021712        .       -
        0       Parent=Smp_317120.3
SM_V9_4 Liftoff gene    40036361        40065292        .       +
        .       ID=Smp_136910;geneID=Smp_136910
SM_V9_4 Liftoff mRNA    40036361        40065292        .       +
        .
ID=Smp_136910.1;Parent=Smp_136910;geneID=Smp_136910;product=DnaJ
homolog subfamily C member
25;polypeptide_domain=InterPro:IPR001623,IPR018253 Pfam:PF00226
SM_V9_4 Liftoff exon    40036361        40043155        .       +
        .       Parent=Smp_136910.1
SM_V9_4 Liftoff exon    40051316        40051464        .       +
        .       Parent=Smp_136910.1
SM_V9_4 Liftoff exon    40052271        40052432        .       +
        .       Parent=Smp_136910.1
SM_V9_4 Liftoff exon    40055244        40055452        .       +
        .       Parent=Smp_136910.1
SM_V9_4 Liftoff exon    40062229        40062490        .       +
        .       Parent=Smp_136910.1
SM_V9_4 Liftoff exon    40064531        40065292        .       +
        .       Parent=Smp_136910.1
SM_V9_4 Liftoff CDS     40043026        40043155        .       +
        0       Parent=Smp_136910.1
SM_V9_4 Liftoff CDS     40051316        40051464        .       +
        2       Parent=Smp_136910.1
SM_V9_4 Liftoff CDS     40052271        40052432        .       +
        0       Parent=Smp_136910.1
SM_V9_4 Liftoff CDS     40055244        40055452        .       +
        0       Parent=Smp_136910.1
SM_V9_4 Liftoff CDS     40062229        40062490        .       +
        1       Parent=Smp_136910.1
SM_V9_4 Liftoff CDS     40064531        40064656        .       +
        0       Parent=Smp_136910.1
SM_V9_4 iris    gene    40066293        40067037        .       +
        .
ID=Smp_027210;geneID=Smp_027210;gene_name=Smp_027210;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40066293        40067037        .       +
        .
ID=Smp_027210.1;Parent=Smp_027210;geneID=Smp_027210;gene_name=Smp_02
7210;owner=irisadmin@local.host;orig_id=Smp_027210.1;date_last_modif
ied=2022-07-23;Name=Smp_027210.1;product=Phosphopantothenoylcysteine
decarboxylase;date_creation=2022-07-23
SM_V9_4 iris    exon    40066293        40066606        .       +
        .       Parent=Smp_027210.1;Name=248ce996-ceac-431f-b2cf-
cc9c5400bd5c
SM_V9_4 iris    exon    40066652        40067037        .       +
        .       Parent=Smp_027210.1;Name=35fee878-a692-4eb0-
ad15-8a18055d59c5
SM_V9_4 iris    CDS     40066367        40066606        .       +
        0       Parent=Smp_027210.1
SM_V9_4 iris    CDS     40066652        40067008        .       +
        0       Parent=Smp_027210.1
SM_V9_4 Liftoff gene    40071054        40076377        .       -
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        .       ID=Smp_027220;geneID=Smp_027220
SM_V9_4 Liftoff mRNA    40071054        40076377        .       -
        .
ID=Smp_027220.1;Parent=Smp_027220;geneID=Smp_027220;product=Protein
Hikeshi;polypeptide_domain=InterPro:IPR008493 Pfam:PF05603
SM_V9_4 Liftoff exon    40071054        40071573        .       -
        .       Parent=Smp_027220.1
SM_V9_4 Liftoff exon    40075987        40076091        .       -
        .       Parent=Smp_027220.1
SM_V9_4 Liftoff exon    40076128        40076257        .       -
        .       Parent=Smp_027220.1
SM_V9_4 Liftoff exon    40076291        40076377        .       -
        .       Parent=Smp_027220.1
SM_V9_4 Liftoff CDS     40071251        40071573        .       -
        2       Parent=Smp_027220.1
SM_V9_4 Liftoff CDS     40075987        40076091        .       -
        2       Parent=Smp_027220.1
SM_V9_4 Liftoff CDS     40076128        40076257        .       -
        0       Parent=Smp_027220.1
SM_V9_4 Liftoff CDS     40076291        40076320        .       -
        0       Parent=Smp_027220.1
SM_V9_4 iris    gene    40112015        40147210        .       -
        .
ID=Smp_136920;geneID=Smp_136920;gene_name=Smp_136920;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40112015        40147210        .       -
        .
ID=Smp_136920.1;Parent=Smp_136920;geneID=Smp_136920;gene_name=Smp_13
6920;owner=irisadmin@local.host;orig_id=Smp_136920.1;date_last_modif
ied=2022-07-23;Name=Smp_136920.1;product=Polypeptide N-
acetylgalactosaminyltransferase 2;date_creation=2022-07-23
SM_V9_4 iris    exon    40112015        40112947        .       -
        .       Parent=Smp_136920.1;Name=11220a95-7a26-4bc6-8c94-
aa8b66dc4a15
SM_V9_4 iris    exon    40117915        40118152        .       -
        .       Parent=Smp_136920.1;Name=ba5b942a-08f9-4405-91eb-
d3b5736ceb12
SM_V9_4 iris    exon    40146112        40147210        .       -
        .       Parent=Smp_136920.1;Name=78389e96-
dfee-475b-9ea0-05b8ef65a004
SM_V9_4 iris    CDS     40112244        40112947        .       -
        2       Parent=Smp_136920.1
SM_V9_4 iris    CDS     40117915        40118152        .       -
        0       Parent=Smp_136920.1
SM_V9_4 iris    CDS     40146112        40146513        .       -
        0       Parent=Smp_136920.1
SM_V9_4 Liftoff gene    40155658        40156257        .       -
        .       ID=Smp_027240;geneID=Smp_027240
SM_V9_4 Liftoff mRNA    40155658        40156257        .       -
        .
ID=Smp_027240.1;Parent=Smp_027240;geneID=Smp_027240;product=28S
ribosomal protein S18c,
mitochondrial;polypeptide_domain=InterPro:IPR001648,IPR018275
Pfam:PF01084;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
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12
SM_V9_4 Liftoff exon    40155658        40155779        .       -
        .       Parent=Smp_027240.1
SM_V9_4 Liftoff exon    40155815        40155941        .       -
        .       Parent=Smp_027240.1
SM_V9_4 Liftoff exon    40155975        40156055        .       -
        .       Parent=Smp_027240.1
SM_V9_4 Liftoff exon    40156090        40156257        .       -
        .       Parent=Smp_027240.1
SM_V9_4 Liftoff CDS     40155709        40155779        .       -
        2       Parent=Smp_027240.1
SM_V9_4 Liftoff CDS     40155815        40155941        .       -
        0       Parent=Smp_027240.1
SM_V9_4 Liftoff CDS     40155975        40156055        .       -
        0       Parent=Smp_027240.1
SM_V9_4 Liftoff CDS     40156090        40156233        .       -
        0       Parent=Smp_027240.1
SM_V9_4 Liftoff gene    40177351        40181245        .       +
        .       ID=Smp_027250;geneID=Smp_027250
SM_V9_4 Liftoff mRNA    40177351        40181245        .       +
        .
ID=Smp_027250.1;Parent=Smp_027250;geneID=Smp_027250;product=Small
acidic protein;polypeptide_domain=InterPro:IPR028124 Pfam:PF15477
SM_V9_4 Liftoff exon    40177351        40177715        .       +
        .       Parent=Smp_027250.1
SM_V9_4 Liftoff exon    40180834        40181245        .       +
        .       Parent=Smp_027250.1
SM_V9_4 Liftoff CDS     40177424        40177715        .       +
        0       Parent=Smp_027250.1
SM_V9_4 Liftoff CDS     40180834        40180931        .       +
        2       Parent=Smp_027250.1
SM_V9_4 Liftoff gene    40217950        40219871        .       -
        .       ID=Smp_136930;geneID=Smp_136930
SM_V9_4 Liftoff mRNA    40217950        40219871        .       -
        .
ID=Smp_136930.1;Parent=Smp_136930;geneID=Smp_136930;product=Major
egg antigen;polypeptide_domain=InterPro:IPR002068,IPR008978
Pfam:PF00011
SM_V9_4 Liftoff exon    40217950        40219871        .       -
        .       Parent=Smp_136930.1
SM_V9_4 Liftoff CDS     40218372        40219640        .       -
        0       Parent=Smp_136930.1
SM_V9_4 iris    gene    40235452        40251417        .       -
        .
ID=Smp_194940;geneID=Smp_194940;gene_name=Smp_194940;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40235452        40251417        .       -
        .
ID=Smp_194940.1;Parent=Smp_194940;geneID=Smp_194940;gene_name=Smp_19
4940;owner=irisadmin@local.host;orig_id=Smp_194940.1;date_last_modif
ied=2022-07-23;Name=Smp_194940.1;product=Prostamide/prostaglandin F
synthase;date_creation=2022-07-23
SM_V9_4 iris    exon    40235452        40235814        .       -
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Parent=Smp_194940.1;Name=fba1106c-3693-49ff-8fc7-5e9d62293e30
SM_V9_4 iris    exon    40240010        40240079        .       -
        .       Parent=Smp_194940.1;Name=3ff5ec29-2d9e-48c3-b10d-
ab4c8f981396
SM_V9_4 iris    exon    40243527        40243648        .       -
        .       Parent=Smp_194940.1;Name=fd38b6b0-fa87-403a-b9fa-
bd4ca3983b97
SM_V9_4 iris    exon    40246764        40246941        .       -
        .       Parent=Smp_194940.1;Name=83923772-dd59-41d7-b673-
a74cb61438c6
SM_V9_4 iris    exon    40251209        40251417        .       -
        .       Parent=Smp_194940.1;Name=2b5aa024-dbeb-4774-
b1dc-297d48424b7e
SM_V9_4 iris    CDS     40235663        40235814        .       -
        2       Parent=Smp_194940.1
SM_V9_4 iris    CDS     40240010        40240079        .       -
        0       Parent=Smp_194940.1
SM_V9_4 iris    CDS     40243527        40243648        .       -
        2       Parent=Smp_194940.1
SM_V9_4 iris    CDS     40246764        40246941        .       -
        0       Parent=Smp_194940.1
SM_V9_4 iris    CDS     40251209        40251298        .       -
        0       Parent=Smp_194940.1
SM_V9_4 Liftoff gene    40252950        40257027        .       -
        .
ID=Smp_313830;geneID=Smp_313830;previous_systematic_id=Smp_027290,Sm
p_136940,Smp_194950
SM_V9_4 Liftoff mRNA    40252950        40257027        .       -
        .
ID=Smp_313830.1;Parent=Smp_313830;geneID=Smp_313830;product=ELAV-
like protein
2;polypeptide_domain=InterPro:IPR000504,IPR002343,IPR003954,IPR00654
8 Pfam:PF00076;Ontology_term=GO:0003676,GO:0003723
SM_V9_4 Liftoff exon    40252950        40255723        .       -
        .       Parent=Smp_313830.1
SM_V9_4 Liftoff exon    40256366        40257027        .       -
        .       Parent=Smp_313830.1
SM_V9_4 Liftoff CDS     40253292        40255723        .       -
        2       Parent=Smp_313830.1
SM_V9_4 Liftoff CDS     40256366        40256942        .       -
        0       Parent=Smp_313830.1
SM_V9_4 iris    gene    40265626        40270137        .       -
        .
ID=Smp_136950;geneID=Smp_136950;gene_name=Smp_136950;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40265626        40270137        .       -
        .
ID=Smp_136950.1;Parent=Smp_136950;geneID=Smp_136950;gene_name=Smp_13
6950;owner=irisadmin@local.host;orig_id=Smp_136950.1;date_last_modif
ied=2022-07-23;Name=Smp_136950.1;product=Protein
SREK1IP1;date_creation=2022-07-23
SM_V9_4 iris    exon    40265626        40265851        .       -
        .       Parent=Smp_136950.1;Name=e3aec6a4-cdf0-4917-8293-
fd36ec11842b
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SM_V9_4 iris    exon    40265904        40265949        .       -
        .       Parent=Smp_136950.1;Name=af9d8f52-
d806-41c6-8598-8146d67dd1da
SM_V9_4 iris    exon    40269773        40269916        .       -
        .       Parent=Smp_136950.1;Name=6d0d2dd8-85d1-4990-
b9ea-54d325942ec0
SM_V9_4 iris    exon    40269952        40270008        .       -
        .       Parent=Smp_136950.1;Name=ece0f813-fe1c-417e-
b2e2-5b20eda7c9f5
SM_V9_4 iris    exon    40270045        40270137        .       -
        .
Parent=Smp_136950.1;Name=fc8cb77e-4682-4986-97a2-0a853c87bc43
SM_V9_4 iris    CDS     40265707        40265851        .       -
        1       Parent=Smp_136950.1
SM_V9_4 iris    CDS     40265904        40265949        .       -
        2       Parent=Smp_136950.1
SM_V9_4 iris    CDS     40269773        40269916        .       -
        2       Parent=Smp_136950.1
SM_V9_4 iris    CDS     40269952        40270008        .       -
        2       Parent=Smp_136950.1
SM_V9_4 iris    CDS     40270045        40270051        .       -
        0       Parent=Smp_136950.1
SM_V9_4 iris    gene    40277362        40302185        .       +
        .
ID=Smp_027300;geneID=Smp_027300;gene_name=Smp_027300;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    40277362        40302185        .       +
        .
ID=Smp_027300.1;Parent=Smp_027300;geneID=Smp_027300;gene_name=Smp_02
7300;owner=irisadmin@local.host;orig_id=Smp_027300.1;date_last_modif
ied=2022-08-24;Name=Smp_027300.1;product=Histone-lysine N-
methyltransferase SUV39H2;date_creation=2022-08-24
SM_V9_4 iris    exon    40277362        40277587        .       +
        .
Parent=Smp_027300.1;Name=975a199c-5167-4531-8cda-35121236ac39
SM_V9_4 iris    exon    40277624        40277703        .       +
        .       Parent=Smp_027300.1;Name=1a4f6831-45e1-431e-afce-
b166d231c249
SM_V9_4 iris    exon    40277735        40277875        .       +
        .
Parent=Smp_027300.1;Name=784e4805-640a-43bb-9eaa-77d760da39ec
SM_V9_4 iris    exon    40277909        40278308        .       +
        .       Parent=Smp_027300.1;Name=ebdc1621-
d67a-4fdf-8a62-8248597e54a8
SM_V9_4 iris    exon    40280859        40281144        .       +
        .       Parent=Smp_027300.1;Name=8e915fa8-62a3-4ca9-9742-
ab0dfe2ebbda
SM_V9_4 iris    exon    40282876        40283026        .       +
        .       Parent=Smp_027300.1;Name=5c2f931a-f3f8-4c79-
b17c-66f88cc5ee44
SM_V9_4 iris    exon    40286500        40286649        .       +
        .       Parent=Smp_027300.1;Name=e57e707a-2510-455c-a646-
cb8a9c26375b
SM_V9_4 iris    exon    40290067        40290196        .       +
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        .       Parent=Smp_027300.1;Name=4caf2d30-9fca-4088-
bf84-7afe96bbbf72
SM_V9_4 iris    exon    40290707        40290858        .       +
        .       Parent=Smp_027300.1;Name=b365d0a5-8a24-452d-
acef-8fb081c872bb
SM_V9_4 iris    exon    40292926        40292958        .       +
        .       Parent=Smp_027300.1;Name=7a669d77-2439-4285-b739-
fc9d738564d0
SM_V9_4 iris    exon    40301712        40302185        .       +
        .
Parent=Smp_027300.1;Name=3e2bfc3f-8db4-4e11-82da-39dbc84bad19
SM_V9_4 iris    CDS     40277410        40277587        .       +
        0       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40277624        40277703        .       +
        2       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40277735        40277875        .       +
        0       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40277909        40278308        .       +
        0       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40280859        40281144        .       +
        2       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40282876        40283026        .       +
        1       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40286500        40286649        .       +
        0       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40290067        40290196        .       +
        0       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40290707        40290858        .       +
        2       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40292926        40292958        .       +
        0       Parent=Smp_027300.1
SM_V9_4 iris    CDS     40301712        40301771        .       +
        0       Parent=Smp_027300.1
SM_V9_4 iris    gene    40347881        40358632        .       +
        .
ID=Smp_329700;geneID=Smp_329700;gene_name=Smp_329700;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_4 iris    mRNA    40347881        40358632        .       +
        .
ID=Smp_329700.1;Parent=Smp_329700;geneID=Smp_329700;gene_name=Smp_32
9700;owner=irisadmin@local.host;orig_id=Smp_329700.1;date_last_modif
ied=2022-08-30;Name=Smp_329700.1;product=Kit
ligand;date_creation=2022-08-30
SM_V9_4 iris    exon    40347881        40347963        .       +
        .       Parent=Smp_329700.1;Name=1dd7ebed-7e74-46fd-85f1-
e55a1e8fb4ed
SM_V9_4 iris    exon    40350073        40350135        .       +
        .
Parent=Smp_329700.1;Name=d007257e-9920-4107-9e68-42372e609a21
SM_V9_4 iris    exon    40350828        40350890        .       +
        .       Parent=Smp_329700.1;Name=9b3cab55-e449-4265-
b06a-7a06b5bcdd40
SM_V9_4 iris    exon    40351566        40351613        .       +
        .       Parent=Smp_329700.1;Name=64cb82c4-f3d4-4b61-
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b55b-106550a86d0a
SM_V9_4 iris    exon    40351673        40351729        .       +
        .
Parent=Smp_329700.1;Name=c16bd936-2ec5-49ca-9eaa-753181245695
SM_V9_4 iris    exon    40352735        40352773        .       +
        .       Parent=Smp_329700.1;Name=8b2077f5-73bf-4a51-b9bc-
d807d2aabd10
SM_V9_4 iris    exon    40354335        40354400        .       +
        .       Parent=Smp_329700.1;Name=749eefe4-17a5-417f-8b41-
ed6b838b4688
SM_V9_4 iris    exon    40356048        40356107        .       +
        .       Parent=Smp_329700.1;Name=5a1ddb48-7d9d-4b32-b800-
d793080e6dbf
SM_V9_4 iris    exon    40357577        40357645        .       +
        .       Parent=Smp_329700.1;Name=fddbf715-4bd5-4df3-
bdd8-8a6c950e0a10
SM_V9_4 iris    exon    40357993        40358044        .       +
        .       Parent=Smp_329700.1;Name=5ecad2a6-5ad2-463e-
b7e1-2296cd7e7f15
SM_V9_4 iris    exon    40358094        40358160        .       +
        .       Parent=Smp_329700.1;Name=3b706271-8423-4e78-849a-
ae4f0dd85b4b
SM_V9_4 iris    exon    40358524        40358632        .       +
        .       Parent=Smp_329700.1;Name=995b184e-
a277-439b-8c7e-226fa9fa0d73
SM_V9_4 iris    CDS     40347942        40347963        .       +
        0       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40350073        40350135        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40350828        40350890        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40351566        40351613        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40351673        40351729        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40352735        40352773        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40354335        40354400        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40356048        40356107        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40357577        40357645        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40357993        40358044        .       +
        2       Parent=Smp_329700.1
SM_V9_4 iris    CDS     40358094        40358157        .       +
        1       Parent=Smp_329700.1
SM_V9_4 Liftoff gene    40384795        40395269        .       +
        .       ID=Smp_329710;geneID=Smp_329710
SM_V9_4 Liftoff mRNA    40384795        40395269        .       +
        .
ID=Smp_329710.1;Parent=Smp_329710;geneID=Smp_329710;product=Pentatri
copeptide repeat-containing protein At5g10690
SM_V9_4 Liftoff exon    40384795        40395269        .       +
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        .       Parent=Smp_329710.1
SM_V9_4 Liftoff CDS     40385846        40386034        .       +
        0       Parent=Smp_329710.1
SM_V9_4 iris    gene    40422704        40443148        .       +
        .
ID=Smp_212940;geneID=Smp_212940;gene_name=Smp_212940;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40422704        40443148        .       +
        .
ID=Smp_212940.1;Parent=Smp_212940;geneID=Smp_212940;gene_name=Smp_21
2940;owner=irisadmin@local.host;orig_id=Smp_212940.1;date_last_modif
ied=2022-07-23;Name=Smp_212940.1;product=Sideroflexin-1;date_creatio
n=2022-07-23
SM_V9_4 iris    exon    40422704        40422788        .       +
        .       Parent=Smp_212940.1;Name=6d27f3e6-6f45-44a1-
a96d-226b8770aa2d
SM_V9_4 iris    exon    40424654        40424820        .       +
        .
Parent=Smp_212940.1;Name=70c0d6e3-92e7-48e9-9138-3598cfba3e95
SM_V9_4 iris    exon    40424863        40425033        .       +
        .       Parent=Smp_212940.1;Name=d44c8326-dd52-4193-
b18c-211eb67f20df
SM_V9_4 iris    exon    40425990        40426088        .       +
        .       Parent=Smp_212940.1;Name=d512d5a9-df8f-41db-8f7c-
e96af59bfbcc
SM_V9_4 iris    exon    40433300        40433375        .       +
        .       Parent=Smp_212940.1;Name=c9f10aca-d65a-4d79-
b9ba-78c938018a24
SM_V9_4 iris    exon    40438016        40438229        .       +
        .       Parent=Smp_212940.1;Name=653fbbaa-0d30-44a0-
b8ad-8de2c37bc6e2
SM_V9_4 iris    exon    40440817        40440916        .       +
        .       Parent=Smp_212940.1;Name=c8cc2eb3-6c29-4f08-
ad3a-09db68ea0d9f
SM_V9_4 iris    exon    40442850        40443148        .       +
        .       Parent=Smp_212940.1;Name=38ad77bc-199b-4195-
a4a5-308524774873
SM_V9_4 iris    CDS     40422777        40422788        .       +
        0       Parent=Smp_212940.1
SM_V9_4 iris    CDS     40424654        40424820        .       +
        0       Parent=Smp_212940.1
SM_V9_4 iris    CDS     40424863        40425033        .       +
        1       Parent=Smp_212940.1
SM_V9_4 iris    CDS     40425990        40426088        .       +
        1       Parent=Smp_212940.1
SM_V9_4 iris    CDS     40433300        40433375        .       +
        1       Parent=Smp_212940.1
SM_V9_4 iris    CDS     40438016        40438229        .       +
        0       Parent=Smp_212940.1
SM_V9_4 iris    CDS     40440817        40440916        .       +
        2       Parent=Smp_212940.1
SM_V9_4 iris    CDS     40442850        40443000        .       +
        1       Parent=Smp_212940.1
SM_V9_4 Liftoff gene    40453958        40493027        .       +
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        .
ID=Smp_242360;geneID=Smp_242360;previous_systematic_id=Smp_136960,Sm
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SM_V9_4 Liftoff mRNA    40453958        40493027        .       +
        .
ID=Smp_242360.1;Parent=Smp_242360;geneID=Smp_242360;product=Anaphase
-promoting complex subunit
4;polypeptide_domain=InterPro:IPR015943,IPR017986,IPR024790,IPR02497
7 Pfam:PF12894,PF12896;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    40453958        40458173        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40459919        40460224        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40460280        40460351        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40460405        40460531        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40460593        40460688        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40461299        40461382        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40464080        40464187        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40464373        40464425        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40465989        40466108        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40468353        40468505        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40469359        40469414        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40472173        40472219        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40473388        40473495        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40475397        40475532        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40477531        40477625        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40479922        40479989        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40481030        40481245        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40481946        40482008        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40482973        40483290        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40486778        40486883        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff exon    40492742        40493027        .       +
        .       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40458022        40458173        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40459919        40460224        .       +
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        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40460280        40460351        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40460405        40460531        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40460593        40460688        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40461299        40461382        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40464080        40464187        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40464373        40464425        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40465989        40466108        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40468353        40468505        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40469359        40469414        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40472173        40472219        .       +
        2       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40473388        40473495        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40475397        40475532        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40477531        40477625        .       +
        2       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40479922        40479989        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40481030        40481245        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40481946        40482008        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40482973        40483290        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40486778        40486883        .       +
        1       Parent=Smp_242360.1
SM_V9_4 Liftoff CDS     40492742        40492924        .       +
        0       Parent=Smp_242360.1
SM_V9_4 Liftoff mRNA    40453958        40493027        .       +
        .
ID=Smp_242360.2;Parent=Smp_242360;geneID=Smp_242360;product=Anaphase
-promoting complex subunit
4;polypeptide_domain=InterPro:IPR015943,IPR017986,IPR024790,IPR02497
7 Pfam:PF12894,PF12896;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    40453958        40458173        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40459919        40460224        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40460280        40460348        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40460405        40460531        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40460593        40460688        .       +
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        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40461299        40461382        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40464080        40464187        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40464373        40464425        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40465989        40466108        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40468353        40468505        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40469359        40469414        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40472173        40472219        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40473388        40473495        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40475397        40475532        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40477531        40477625        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40479922        40479989        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40481030        40481245        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40481946        40482008        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40482973        40483290        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40486778        40486883        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff exon    40492742        40493027        .       +
        .       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40458040        40458173        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40459919        40460224        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40460280        40460348        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40460405        40460531        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40460593        40460688        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40461299        40461382        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40464080        40464187        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40464373        40464425        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40465989        40466108        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40468353        40468505        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40469359        40469414        .       +
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        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40472173        40472219        .       +
        2       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40473388        40473495        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40475397        40475532        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40477531        40477625        .       +
        2       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40479922        40479989        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40481030        40481245        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40481946        40482008        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40482973        40483290        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40486778        40486883        .       +
        1       Parent=Smp_242360.2
SM_V9_4 Liftoff CDS     40492742        40492924        .       +
        0       Parent=Smp_242360.2
SM_V9_4 Liftoff gene    40494962        40505258        .       +
        .
ID=Smp_212960;geneID=Smp_212960;previous_systematic_id=Smp_136960,Sm
p_212950
SM_V9_4 Liftoff mRNA    40494962        40505258        .       +
        .
ID=Smp_212960.1;Parent=Smp_212960;geneID=Smp_212960;product=Syntaxin
-18;polypeptide_domain=InterPro:IPR000727
SM_V9_4 Liftoff exon    40494962        40495483        .       +
        .       Parent=Smp_212960.1
SM_V9_4 Liftoff exon    40498266        40498637        .       +
        .       Parent=Smp_212960.1
SM_V9_4 Liftoff exon    40504840        40505258        .       +
        .       Parent=Smp_212960.1
SM_V9_4 Liftoff CDS     40495004        40495483        .       +
        0       Parent=Smp_212960.1
SM_V9_4 Liftoff CDS     40498266        40498637        .       +
        0       Parent=Smp_212960.1
SM_V9_4 Liftoff CDS     40504840        40505010        .       +
        0       Parent=Smp_212960.1
SM_V9_4 iris    gene    40515662        40541970        .       +
        .
ID=Smp_136970;geneID=Smp_136970;gene_name=Smp_136970;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    40515662        40541970        .       +
        .
ID=Smp_136970.1;Parent=Smp_136970;geneID=Smp_136970;gene_name=Smp_13
6970;owner=irisadmin@local.host;orig_id=Smp_136970.1;date_last_modif
ied=2022-08-24;Name=Smp_136970.1;product=Structural maintenance of
chromosomes protein 1A;date_creation=2022-08-24
SM_V9_4 iris    exon    40515662        40515805        .       +
        .       Parent=Smp_136970.1;Name=5ace7553-d6f0-4da7-
b527-8c0b4f3a0e48
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SM_V9_4 iris    exon    40516777        40516853        .       +
        .       Parent=Smp_136970.1;Name=d92fe12e-
a479-4c77-803a-8a232d618039
SM_V9_4 iris    exon    40516890        40517033        .       +
        .       Parent=Smp_136970.1;Name=647292ce-9a45-427c-8182-
f2da10bb08a1
SM_V9_4 iris    exon    40517070        40517218        .       +
        .       Parent=Smp_136970.1;Name=58969f01-
ff00-4fbe-90fd-7edbdbaa0cc9
SM_V9_4 iris    exon    40517253        40517421        .       +
        .       Parent=Smp_136970.1;Name=1c0541ee-7e9f-4073-9a43-
f0726268c967
SM_V9_4 iris    exon    40519912        40520124        .       +
        .       Parent=Smp_136970.1;Name=a9aad68e-
e7bd-4f74-92e7-0818d7831a72
SM_V9_4 iris    exon    40520181        40520266        .       +
        .       Parent=Smp_136970.1;Name=3cfdc485-7052-4c75-
b2a4-11c7fc6a624a
SM_V9_4 iris    exon    40520321        40520486        .       +
        .       Parent=Smp_136970.1;Name=770254e0-9507-4061-
bc63-67b927eed7f6
SM_V9_4 iris    exon    40522594        40522808        .       +
        .       Parent=Smp_136970.1;Name=00c21922-18ce-4580-9bd1-
fd7eff000be8
SM_V9_4 iris    exon    40523610        40523823        .       +
        .
Parent=Smp_136970.1;Name=d63809d4-6a71-4a9d-82dc-9be4de3d9167
SM_V9_4 iris    exon    40524861        40525072        .       +
        .       Parent=Smp_136970.1;Name=77f2a665-05ce-436a-8e9c-
c2eca65e43e0
SM_V9_4 iris    exon    40526219        40526381        .       +
        .
Parent=Smp_136970.1;Name=b7cc1acf-65bc-4a76-9742-546345e52e04
SM_V9_4 iris    exon    40527239        40527297        .       +
        .
Parent=Smp_136970.1;Name=de4b90b8-67c7-4e23-9e8b-4c82996954f7
SM_V9_4 iris    exon    40528806        40529001        .       +
        .       Parent=Smp_136970.1;Name=2ef85ea8-0f44-4fce-a676-
acd693a6992c
SM_V9_4 iris    exon    40529718        40529786        .       +
        .       Parent=Smp_136970.1;Name=42ac4e96-5dc2-4dd3-96d5-
ab287b92851d
SM_V9_4 iris    exon    40530688        40530821        .       +
        .       Parent=Smp_136970.1;Name=1ae3c6cc-2559-4382-b7f7-
f03e9aaae16a
SM_V9_4 iris    exon    40533235        40533356        .       +
        .       Parent=Smp_136970.1;Name=78016f4c-bcde-4bdb-
b0e4-998f8c1ec53d
SM_V9_4 iris    exon    40534376        40534680        .       +
        .       Parent=Smp_136970.1;Name=ecebd382-8472-454a-8acb-
e45322442258
SM_V9_4 iris    exon    40535424        40535626        .       +
        .       Parent=Smp_136970.1;Name=7aa0b46f-8769-4a35-
bb91-88c6d8ae9bcf
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SM_V9_4 iris    exon    40536610        40536889        .       +
        .       Parent=Smp_136970.1;Name=4360e23e-5def-49ca-
ad1b-71410544fbde
SM_V9_4 iris    exon    40538243        40538464        .       +
        .
Parent=Smp_136970.1;Name=73c1c9f6-8dbf-47f4-8ffa-666ee624beb3
SM_V9_4 iris    exon    40539542        40539655        .       +
        .       Parent=Smp_136970.1;Name=d2bf9c71-a300-4a5a-
a5ee-37c11fefaf42
SM_V9_4 iris    exon    40541442        40541970        .       +
        .       Parent=Smp_136970.1;Name=eea8565a-badd-4a92-
bd50-01f8525fecf7
SM_V9_4 iris    CDS     40515685        40515805        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40516777        40516853        .       +
        2       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40516890        40517033        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40517070        40517218        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40517253        40517421        .       +
        1       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40519912        40520124        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40520181        40520266        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40520321        40520486        .       +
        1       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40522594        40522808        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40523610        40523823        .       +
        1       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40524861        40525072        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40526219        40526381        .       +
        1       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40527239        40527297        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40528806        40529001        .       +
        1       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40529718        40529786        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40530688        40530821        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40533235        40533356        .       +
        1       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40534376        40534680        .       +
        2       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40535424        40535626        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40536610        40536889        .       +
        1       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40538243        40538464        .       +
        0       Parent=Smp_136970.1
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SM_V9_4 iris    CDS     40539542        40539655        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    CDS     40541442        40541513        .       +
        0       Parent=Smp_136970.1
SM_V9_4 iris    gene    40543610        40554703        .       +
        .
ID=Smp_136980;geneID=Smp_136980;gene_name=Smp_136980;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    40543610        40554703        .       +
        .
ID=Smp_136980.1;Parent=Smp_136980;geneID=Smp_136980;gene_name=Smp_13
6980;owner=irisadmin@local.host;orig_id=Smp_136980.1;date_last_modif
ied=2022-08-24;Name=Smp_136980.1;product=Protein rogdi
homolog;date_creation=2022-08-24
SM_V9_4 iris    exon    40543610        40543716        .       +
        .       Parent=Smp_136980.1;Name=7e81835f-9e7a-412c-aa62-
a931af28fb83
SM_V9_4 iris    exon    40545040        40545097        .       +
        .       Parent=Smp_136980.1;Name=06fdc2ce-24db-4728-
bd9d-0413139e65b3
SM_V9_4 iris    exon    40547791        40547877        .       +
        .       Parent=Smp_136980.1;Name=01d9328b-ff1d-4f54-
ba08-0cf0873b6985
SM_V9_4 iris    exon    40549474        40549569        .       +
        .       Parent=Smp_136980.1;Name=ce05b516-cd09-425e-aefa-
c5da79b1f535
SM_V9_4 iris    exon    40550935        40551033        .       +
        .       Parent=Smp_136980.1;Name=c6a5b327-66b5-4b0c-84bf-
c08ad3ab000f
SM_V9_4 iris    exon    40552135        40552269        .       +
        .       Parent=Smp_136980.1;Name=2ed828fc-98dc-444c-
bec9-68264b023c4e
SM_V9_4 iris    exon    40553863        40554703        .       +
        .       Parent=Smp_136980.1;Name=a5025b02-85de-4f23-8556-
f73e5932c38a
SM_V9_4 iris    CDS     40543610        40543716        .       +
        0       Parent=Smp_136980.1
SM_V9_4 iris    CDS     40545040        40545097        .       +
        1       Parent=Smp_136980.1
SM_V9_4 iris    CDS     40547791        40547877        .       +
        0       Parent=Smp_136980.1
SM_V9_4 iris    CDS     40549474        40549569        .       +
        0       Parent=Smp_136980.1
SM_V9_4 iris    CDS     40550935        40551033        .       +
        0       Parent=Smp_136980.1
SM_V9_4 iris    CDS     40552135        40552269        .       +
        0       Parent=Smp_136980.1
SM_V9_4 iris    CDS     40553863        40553961        .       +
        0       Parent=Smp_136980.1
SM_V9_4 Liftoff gene    40564351        40565561        .       +
        .       ID=Smp_027340;geneID=Smp_027340
SM_V9_4 Liftoff mRNA    40564351        40565561        .       +
        .
ID=Smp_027340.1;Parent=Smp_027340;geneID=Smp_027340;product=INSIG
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protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR025929 Pfam:PF07281
SM_V9_4 Liftoff exon    40564351        40564597        .       +
        .       Parent=Smp_027340.1
SM_V9_4 Liftoff exon    40564635        40564926        .       +
        .       Parent=Smp_027340.1
SM_V9_4 Liftoff exon    40564962        40565561        .       +
        .       Parent=Smp_027340.1
SM_V9_4 Liftoff CDS     40564399        40564597        .       +
        0       Parent=Smp_027340.1
SM_V9_4 Liftoff CDS     40564635        40564926        .       +
        2       Parent=Smp_027340.1
SM_V9_4 Liftoff CDS     40564962        40565091        .       +
        1       Parent=Smp_027340.1
SM_V9_4 iris    gene    40595733        40603607        .       -
        .
ID=Smp_136990;geneID=Smp_136990;gene_name=Smp_136990;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_4 iris    mRNA    40595733        40603089        .       -
        .
ID=Smp_136990.1;Parent=Smp_136990;geneID=Smp_136990;gene_name=Smp_13
6990;owner=irisadmin@local.host;orig_id=Smp_136990.1;date_last_modif
ied=2022-08-18;Name=Smp_136990.1;product=Dynactin subunit
3;date_creation=2022-08-18
SM_V9_4 iris    exon    40595733        40596002        .       -
        .       Parent=Smp_136990.1;Name=a108a821-7fc7-40e6-af3c-
e913305a076d
SM_V9_4 iris    exon    40598633        40598751        .       -
        .       Parent=Smp_136990.1;Name=0073895e-5e0c-4313-
bc1a-12c25092d389
SM_V9_4 iris    exon    40598803        40598886        .       -
        .       Parent=Smp_136990.1;Name=26fd43bf-54c0-44d1-8250-
e5d7d3dabea1
SM_V9_4 iris    exon    40602686        40602772        .       -
        .
Parent=Smp_136990.1;Name=43d6a9bc-9d74-4ad0-85c3-7f184dc08e83
SM_V9_4 iris    exon    40602829        40602913        .       -
        .       Parent=Smp_136990.1;Name=859a5579-fb62-4628-945c-
dc3bf2286181
SM_V9_4 iris    exon    40602974        40603089        .       -
        .       Parent=Smp_136990.1;Name=270eb43d-7311-47c3-
a1c1-272e3ec46ab9
SM_V9_4 iris    CDS     40595919        40596002        .       -
        0       Parent=Smp_136990.1
SM_V9_4 iris    CDS     40598633        40598751        .       -
        2       Parent=Smp_136990.1
SM_V9_4 iris    CDS     40598803        40598886        .       -
        2       Parent=Smp_136990.1
SM_V9_4 iris    CDS     40602686        40602772        .       -
        2       Parent=Smp_136990.1
SM_V9_4 iris    CDS     40602829        40602913        .       -
        0       Parent=Smp_136990.1
SM_V9_4 iris    CDS     40602974        40603072        .       -
        0       Parent=Smp_136990.1
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SM_V9_4 iris    gene    40603164        40603600        .       -
        .
ID=Smp_349990;geneID=Smp_349990;gene_name=Smp_349990;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_4 iris    mRNA    40603164        40603600        .       -
        .
ID=Smp_349990.1;Parent=Smp_349990;geneID=Smp_349990;gene_name=Smp_34
9990;owner=irisadmin@local.host;orig_id=Smp_136990.1;date_last_modif
ied=2022-08-18;Name=Smp_349990.1;date_creation=2022-08-18
SM_V9_4 iris    exon    40603164        40603426        .       -
        .       Parent=Smp_349990.1;Name=Smp_349990.1-CDS
SM_V9_4 iris    exon    40603476        40603600        .       -
        .       Parent=Smp_349990.1;Name=586b830c-8e51-4c45-abfe-
fe73b33f9f68
SM_V9_4 iris    CDS     40603281        40603426        .       -
        2       Parent=Smp_349990.1
SM_V9_4 iris    CDS     40603476        40603596        .       -
        0       Parent=Smp_349990.1
SM_V9_4 Liftoff gene    40604740        40612427        .       -
        .       ID=Smp_027370;geneID=Smp_027370
SM_V9_4 Liftoff mRNA    40604740        40612427        .       -
        .
ID=Smp_027370.1;Parent=Smp_027370;geneID=Smp_027370;product=NEDD8-
conjugating enzyme
UBE2F;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_4 Liftoff exon    40604740        40612427        .       -
        .       Parent=Smp_027370.1
SM_V9_4 Liftoff CDS     40605055        40605615        .       -
        0       Parent=Smp_027370.1
SM_V9_4 iris    gene    40618781        40634485        .       +
        .
ID=Smp_346570;geneID=Smp_346570;gene_name=Smp_346570;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40618781        40634485        .       +
        .
ID=Smp_346570.1;Parent=Smp_346570;geneID=Smp_346570;gene_name=Smp_34
6570;owner=irisadmin@local.host;orig_id=Smp_346570.2;date_last_modif
ied=2022-07-23;Name=Smp_346570.1;product=Mitochondrial tRNA-specific
2-thiouridylase 1;date_creation=2022-07-23
SM_V9_4 iris    exon    40618781        40618807        .       +
        .       Parent=Smp_346570.1;Name=69a69d53-
aac4-43ab-8a38-0bed50115c4d
SM_V9_4 iris    exon    40624752        40624893        .       +
        .       Parent=Smp_346570.1;Name=95b905be-a991-4749-90e2-
e889afd558cf
SM_V9_4 iris    exon    40624933        40625098        .       +
        .       Parent=Smp_346570.1;Name=08ed09c6-a710-4275-
bb95-0168c576aa8b
SM_V9_4 iris    exon    40625157        40625442        .       +
        .       Parent=Smp_346570.1;Name=3925008f-9b83-402a-aca1-
f59d45b8de67
SM_V9_4 iris    exon    40626874        40626987        .       +
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Parent=Smp_346570.1;Name=e5df7233-31cb-4365-874d-1616e9e2dc32
SM_V9_4 iris    exon    40629417        40629470        .       +
        .
Parent=Smp_346570.1;Name=d5213a3e-1aff-4c9a-84bb-9daac33b5dc7
SM_V9_4 iris    exon    40631635        40631701        .       +
        .
Parent=Smp_346570.1;Name=d28f7c35-870b-468f-824b-186a14aeec31
SM_V9_4 iris    exon    40632380        40632480        .       +
        .       Parent=Smp_346570.1;Name=e74c3c95-9b5d-4d74-94de-
b6b9c9961e2b
SM_V9_4 iris    exon    40633907        40634485        .       +
        .       Parent=Smp_346570.1;Name=5f2f75fc-44b5-4969-
bfca-85537d76c4ff
SM_V9_4 iris    CDS     40624752        40624893        .       +
        0       Parent=Smp_346570.1
SM_V9_4 iris    CDS     40624933        40625098        .       +
        2       Parent=Smp_346570.1
SM_V9_4 iris    CDS     40625157        40625442        .       +
        1       Parent=Smp_346570.1
SM_V9_4 iris    CDS     40626874        40626987        .       +
        0       Parent=Smp_346570.1
SM_V9_4 iris    CDS     40629417        40629470        .       +
        0       Parent=Smp_346570.1
SM_V9_4 iris    CDS     40631635        40631701        .       +
        0       Parent=Smp_346570.1
SM_V9_4 iris    CDS     40632380        40632480        .       +
        2       Parent=Smp_346570.1
SM_V9_4 iris    CDS     40633907        40634377        .       +
        0       Parent=Smp_346570.1
SM_V9_4 iris    gene    40635886        40652133        .       -
        .
ID=Smp_137000;geneID=Smp_137000;gene_name=Smp_137000;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    40635886        40652133        .       -
        .
ID=Smp_137000.1;Parent=Smp_137000;geneID=Smp_137000;gene_name=Smp_13
7000;owner=irisadmin@local.host;orig_id=Smp_137000.1;date_last_modif
ied=2022-08-24;Name=Smp_137000.1;product=Solute carrier family 25
member 40;date_creation=2022-08-24
SM_V9_4 iris    exon    40635886        40636155        .       -
        .       Parent=Smp_137000.1;Name=dcf2a6da-3547-4fbb-b265-
e461d2060fda
SM_V9_4 iris    exon    40642031        40642108        .       -
        .       Parent=Smp_137000.1;Name=a02e016d-ac4c-42ab-
b8b8-2c0e89e1df28
SM_V9_4 iris    exon    40644136        40644217        .       -
        .       Parent=Smp_137000.1;Name=97bf6393-0fd8-4cff-a8fc-
c2fd33535c41
SM_V9_4 iris    exon    40645554        40645766        .       -
        .       Parent=Smp_137000.1;Name=f5de4dc2-3b00-44f6-ad79-
a83e16b8171b
SM_V9_4 iris    exon    40646477        40646762        .       -
        .       Parent=Smp_137000.1;Name=80f4fa96-34b1-464b-
a2aa-268179b8122e
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SM_V9_4 iris    exon    40646803        40646870        .       -
        .
Parent=Smp_137000.1;Name=f15c8158-19cc-4e15-8bbb-72fc275303d9
SM_V9_4 iris    exon    40651427        40651666        .       -
        .       Parent=Smp_137000.1;Name=9ecafbc8-ed9c-4b36-bfb1-
ce15878cd909
SM_V9_4 iris    exon    40651700        40651927        .       -
        .       Parent=Smp_137000.1;Name=899fd64d-f924-4bc3-
a456-1298b87df966
SM_V9_4 iris    exon    40651981        40652133        .       -
        .       Parent=Smp_137000.1;Name=d8da1a54-
d741-47e7-99ea-8a3854d72ab7
SM_V9_4 iris    CDS     40636055        40636155        .       -
        2       Parent=Smp_137000.1
SM_V9_4 iris    CDS     40642031        40642108        .       -
        2       Parent=Smp_137000.1
SM_V9_4 iris    CDS     40644136        40644217        .       -
        0       Parent=Smp_137000.1
SM_V9_4 iris    CDS     40645554        40645766        .       -
        0       Parent=Smp_137000.1
SM_V9_4 iris    CDS     40646477        40646762        .       -
        1       Parent=Smp_137000.1
SM_V9_4 iris    CDS     40646803        40646870        .       -
        0       Parent=Smp_137000.1
SM_V9_4 iris    CDS     40651427        40651666        .       -
        0       Parent=Smp_137000.1
SM_V9_4 iris    CDS     40651700        40651825        .       -
        0       Parent=Smp_137000.1
SM_V9_4 iris    gene    40666527        40712488        .       +
        .
ID=Smp_027390;geneID=Smp_027390;gene_name=Smp_027390;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_4 iris    mRNA    40666527        40712488        .       +
        .
ID=Smp_027390.1;Parent=Smp_027390;geneID=Smp_027390;gene_name=Smp_02
7390;owner=irisadmin@local.host;orig_id=Smp_027390.1;date_last_modif
ied=2022-09-05;Name=Smp_027390.1;product=Exocyst complex component
4;date_creation=2022-09-05
SM_V9_4 iris    exon    40666527        40666789        .       +
        .       Parent=Smp_027390.1;Name=f5a64082-3587-4ae9-b39a-
d522738c20c9
SM_V9_4 iris    exon    40669595        40669616        .       +
        .
Parent=Smp_027390.1;Name=76520c4e-082b-4c7c-869f-5be70ba31b75
SM_V9_4 iris    exon    40669654        40669700        .       +
        .       Parent=Smp_027390.1;Name=4e23a6b4-
af2c-4760-9baa-13ac9d22e688
SM_V9_4 iris    exon    40669741        40669829        .       +
        .       Parent=Smp_027390.1;Name=7520ecce-
ea1a-4f64-941d-5027529b3e21
SM_V9_4 iris    exon    40669872        40669934        .       +
        .
Parent=Smp_027390.1;Name=52eb7650-6d7b-4a70-85bd-92581aa1aff9
SM_V9_4 iris    exon    40669970        40670274        .       +
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        .       Parent=Smp_027390.1;Name=a1ffc834-
b5c5-424e-89d5-73602146e000
SM_V9_4 iris    exon    40672038        40672159        .       +
        .       Parent=Smp_027390.1;Name=a90dc6e3-905e-4926-
aa73-42dc1668a9e7
SM_V9_4 iris    exon    40674848        40675145        .       +
        .       Parent=Smp_027390.1;Name=457b962e-83bb-4f2c-
ad39-59fdf69dba13
SM_V9_4 iris    exon    40676880        40677028        .       +
        .       Parent=Smp_027390.1;Name=d32c8f69-5fc7-45da-bcea-
d01ecf4d52bd
SM_V9_4 iris    exon    40679508        40679655        .       +
        .       Parent=Smp_027390.1;Name=5278b131-8b9e-4015-
aeec-04d3e8c4f452
SM_V9_4 iris    exon    40680505        40680576        .       +
        .       Parent=Smp_027390.1;Name=daabd8c7-a2ee-48a0-9f95-
a0b9c5d0c330
SM_V9_4 iris    exon    40681605        40682168        .       +
        .       Parent=Smp_027390.1;Name=a634a50f-e624-44b5-88ce-
cdec65d78f73
SM_V9_4 iris    exon    40684456        40684658        .       +
        .       Parent=Smp_027390.1;Name=a8c92578-0c4d-46fd-
bf4e-1c0c48d7129f
SM_V9_4 iris    exon    40685760        40685884        .       +
        .       Parent=Smp_027390.1;Name=422f4ff8-7e12-489a-93f6-
ba71a6480568
SM_V9_4 iris    exon    40687446        40687519        .       +
        .       Parent=Smp_027390.1;Name=a1911e63-5089-4d90-ace7-
eac86d71bf62
SM_V9_4 iris    exon    40689297        40689435        .       +
        .       Parent=Smp_027390.1;Name=8f1b2261-6c43-419e-ae8a-
c2297cc14465
SM_V9_4 iris    exon    40695072        40695150        .       +
        .       Parent=Smp_027390.1;Name=7bead7ca-95a8-4494-
b847-29d86a8782fe
SM_V9_4 iris    exon    40697074        40697452        .       +
        .       Parent=Smp_027390.1;Name=d1593c45-
c165-4c7d-81ab-8a268c51ac97
SM_V9_4 iris    exon    40699642        40699821        .       +
        .
Parent=Smp_027390.1;Name=6e39130f-5a01-4b32-9b25-6307a1bd0bde
SM_V9_4 iris    exon    40705143        40705525        .       +
        .       Parent=Smp_027390.1;Name=26d5af44-8bbf-4261-8d0f-
a8577a773fb5
SM_V9_4 iris    exon    40707613        40707708        .       +
        .       Parent=Smp_027390.1;Name=4f5c6de3-0c95-4dd4-
b78b-6c1ec558c832
SM_V9_4 iris    exon    40709943        40710054        .       +
        .       Parent=Smp_027390.1;Name=ff1ed065-22d6-49be-
bfdb-9aac18e4314c
SM_V9_4 iris    exon    40712176        40712488        .       +
        .       Parent=Smp_027390.1;Name=1b5a3db6-
ba7e-48e6-83f3-1be788837951
SM_V9_4 iris    CDS     40669614        40669616        .       +
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        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40669654        40669700        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40669741        40669829        .       +
        1       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40669872        40669934        .       +
        2       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40669970        40670274        .       +
        2       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40672038        40672159        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40674848        40675145        .       +
        1       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40676880        40677028        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40679508        40679655        .       +
        1       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40680505        40680576        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40681605        40682168        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40684456        40684658        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40685760        40685884        .       +
        1       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40687446        40687519        .       +
        2       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40689297        40689435        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40695072        40695150        .       +
        2       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40697074        40697452        .       +
        1       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40699642        40699821        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40705143        40705525        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40707613        40707708        .       +
        1       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40709943        40710054        .       +
        1       Parent=Smp_027390.1
SM_V9_4 iris    CDS     40712176        40712337        .       +
        0       Parent=Smp_027390.1
SM_V9_4 iris    gene    40715356        40735397        .       -
        .
ID=Smp_027400;geneID=Smp_027400;gene_name=Smp_027400;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40715356        40735397        .       -
        .
ID=Smp_027400.1;Parent=Smp_027400;geneID=Smp_027400;gene_name=Smp_02
7400;owner=irisadmin@local.host;orig_id=Smp_027400.1;date_last_modif
ied=2022-07-23;Name=Smp_027400.1;product=Tyrosine-protein kinase
HTK16;date_creation=2022-07-23
SM_V9_4 iris    exon    40715356        40717865        .       -
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        .       Parent=Smp_027400.1;Name=d9f22904-
fcd0-45d8-9964-39debcb50222
SM_V9_4 iris    exon    40720225        40720440        .       -
        .       Parent=Smp_027400.1;Name=79d8951a-cbd5-4797-b3fa-
c10029fb5c97
SM_V9_4 iris    exon    40726335        40726589        .       -
        .       Parent=Smp_027400.1;Name=8901b998-
fccd-447d-8128-385c2e14aa96
SM_V9_4 iris    exon    40726697        40726996        .       -
        .       Parent=Smp_027400.1;Name=8b5edece-a58e-4c34-
b434-53d3b09b4102
SM_V9_4 iris    exon    40728221        40728442        .       -
        .       Parent=Smp_027400.1;Name=8b5836b0-90fc-4074-
b58d-3d11799cb273
SM_V9_4 iris    exon    40732515        40732859        .       -
        .       Parent=Smp_027400.1;Name=717ff031-130c-41b3-9c30-
be3573afd991
SM_V9_4 iris    exon    40733413        40733550        .       -
        .       Parent=Smp_027400.1;Name=0332be20-fd0d-4c4c-
ba5d-80808b71a1c1
SM_V9_4 iris    exon    40734419        40734601        .       -
        .       Parent=Smp_027400.1;Name=126a0493-3dd0-42f7-
a716-905c04bc4338
SM_V9_4 iris    exon    40734915        40735397        .       -
        .       Parent=Smp_027400.1;Name=50754ede-b2d5-49b9-90ad-
ef81a2d4aab4
SM_V9_4 iris    CDS     40717122        40717865        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40720225        40720440        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40726335        40726589        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40726697        40726996        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40728221        40728442        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40732515        40732859        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40733413        40733550        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40734419        40734601        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    CDS     40734915        40735277        .       -
        0       Parent=Smp_027400.1
SM_V9_4 iris    gene    40743531        40770837        .       -
        .
ID=Smp_247420;geneID=Smp_247420;gene_name=Smp_247420;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    40743531        40770837        .       -
        .
ID=Smp_247420.1;Parent=Smp_247420;geneID=Smp_247420;gene_name=Smp_24
7420;owner=irisadmin@local.host;orig_id=Smp_247420.2;date_last_modif
ied=2022-07-23;Name=Smp_247420.1;product=ATP-dependent RNA helicase
DDX51;date_creation=2022-07-23
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SM_V9_4 iris    exon    40743531        40744007        .       -
        .       Parent=Smp_247420.1;Name=6f02a888-cbfb-4055-
bac5-680e57665e7b
SM_V9_4 iris    exon    40745867        40746179        .       -
        .
Parent=Smp_247420.1;Name=9bd0c03c-2f93-4bf5-98db-493712b4cb0e
SM_V9_4 iris    exon    40747604        40747844        .       -
        .       Parent=Smp_247420.1;Name=e6c67fa8-2c23-4f7d-b819-
c8ba7471dc9d
SM_V9_4 iris    exon    40753841        40753975        .       -
        .
Parent=Smp_247420.1;Name=fe2a115c-5c32-45cf-88aa-248c664f4fd7
SM_V9_4 iris    exon    40757064        40757231        .       -
        .       Parent=Smp_247420.1;Name=9a6b3730-2b22-41b4-
adc6-3375f8a08f03
SM_V9_4 iris    exon    40759871        40760101        .       -
        .       Parent=Smp_247420.1;Name=91afdb8f-60b6-476e-
b545-3513f34570f2
SM_V9_4 iris    exon    40763182        40763463        .       -
        .       Parent=Smp_247420.1;Name=d5f06254-
e91b-48ab-9e53-64675d59df8b
SM_V9_4 iris    exon    40766410        40766604        .       -
        .       Parent=Smp_247420.1;Name=f54cebfe-c75d-432a-
bb0f-8ee46e3d7fb2
SM_V9_4 iris    exon    40767275        40767386        .       -
        .       Parent=Smp_247420.1;Name=287ff684-
fa64-44b4-9441-430697633671
SM_V9_4 iris    exon    40767425        40767483        .       -
        .       Parent=Smp_247420.1;Name=f0b7b4dd-fa40-4a7c-
b366-700a5da9c88d
SM_V9_4 iris    exon    40767521        40767637        .       -
        .       Parent=Smp_247420.1;Name=df3dad71-9b9c-4e18-
af00-6b7e64b442e4
SM_V9_4 iris    exon    40767675        40767814        .       -
        .       Parent=Smp_247420.1;Name=dd28f4d7-4bfc-4fef-82dc-
a9fabf21dad7
SM_V9_4 iris    exon    40767855        40768002        .       -
        .       Parent=Smp_247420.1;Name=106a0e93-96e7-4ae1-
a663-4f5f8c3fe3c1
SM_V9_4 iris    exon    40768045        40768183        .       -
        .
Parent=Smp_247420.1;Name=2b35bb53-1bdd-430c-8042-8d4706099348
SM_V9_4 iris    exon    40770788        40770837        .       -
        .       Parent=Smp_247420.1;Name=9c8690c5-60d9-4517-
a182-4add1cda1459
SM_V9_4 iris    CDS     40743782        40744007        .       -
        1       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40745867        40746179        .       -
        2       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40747604        40747844        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40753841        40753975        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40757064        40757231        .       -
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        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40759871        40760101        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40763182        40763463        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40766410        40766604        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40767275        40767386        .       -
        1       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40767425        40767483        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40767521        40767637        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40767675        40767814        .       -
        2       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40767855        40768002        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    CDS     40768045        40768128        .       -
        0       Parent=Smp_247420.1
SM_V9_4 iris    mRNA    40752007        40770837        .       -
        .
ID=Smp_247420.2;Parent=Smp_247420;geneID=Smp_247420;gene_name=Smp_24
7420;owner=irisadmin@local.host;orig_id=Smp_247420.1;date_last_modif
ied=2022-07-23;Name=Smp_247420.2;product=ATP-dependent RNA helicase
DDX51;date_creation=2022-07-23
SM_V9_4 iris    exon    40752007        40752297        .       -
        .       Parent=Smp_247420.2;Name=5b71eef5-cd99-48c5-bbdc-
c6d18a0bb9f8
SM_V9_4 iris    exon    40753841        40753975        .       -
        .       Parent=Smp_247420.2;Name=236571a3-f150-4a95-
bad1-16f63519c4d9
SM_V9_4 iris    exon    40757064        40757231        .       -
        .       Parent=Smp_247420.2;Name=ab3168c3-d088-4036-8ebc-
b1621e6756ff
SM_V9_4 iris    exon    40759871        40760101        .       -
        .
Parent=Smp_247420.2;Name=e0cc4462-1367-4842-854c-5550ced7316a
SM_V9_4 iris    exon    40763182        40763463        .       -
        .
Parent=Smp_247420.2;Name=1879490b-3541-4050-864b-45d822e3c5e1
SM_V9_4 iris    exon    40766410        40766604        .       -
        .
Parent=Smp_247420.2;Name=6df7fe5e-53ae-44f4-9224-5bcfea17e5bc
SM_V9_4 iris    exon    40767275        40767386        .       -
        .       Parent=Smp_247420.2;Name=300d2f10-59cf-4427-
aa17-708f187a9a95
SM_V9_4 iris    exon    40767425        40767483        .       -
        .       Parent=Smp_247420.2;Name=7fde6914-50a5-41f0-
b204-4193120293ec
SM_V9_4 iris    exon    40767521        40767637        .       -
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dedaa4f63893
SM_V9_4 iris    exon    40767675        40767814        .       -
        .       Parent=Smp_247420.2;Name=ad00ae24-8fb5-49c8-bf0e-
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e4f3b83c339a
SM_V9_4 iris    exon    40767855        40768002        .       -
        .       Parent=Smp_247420.2;Name=b14d12cd-eb5d-4dcf-
b0fb-802b721df1dc
SM_V9_4 iris    exon    40768045        40768183        .       -
        .
Parent=Smp_247420.2;Name=1257a4b3-9c82-4de8-9713-8144b63822d0
SM_V9_4 iris    exon    40770788        40770837        .       -
        .       Parent=Smp_247420.2;Name=43dde73d-cb03-4dd9-
a5fb-98a17a2b814e
SM_V9_4 iris    CDS     40752157        40752297        .       -
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SM_V9_4 iris    CDS     40753841        40753975        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40757064        40757231        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40759871        40760101        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40763182        40763463        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40766410        40766604        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40767275        40767386        .       -
        1       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40767425        40767483        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40767521        40767637        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40767675        40767814        .       -
        2       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40767855        40768002        .       -
        0       Parent=Smp_247420.2
SM_V9_4 iris    CDS     40768045        40768128        .       -
        0       Parent=Smp_247420.2
SM_V9_4 Liftoff gene    40789551        40793462        .       +
        .       ID=Smp_149110;geneID=Smp_149110
SM_V9_4 Liftoff mRNA    40789551        40793462        .       +
        .
ID=Smp_149110.1;Parent=Smp_149110;geneID=Smp_149110;product=Protein
translocase subunit SecA
SM_V9_4 Liftoff exon    40789551        40789708        .       +
        .       Parent=Smp_149110.1
SM_V9_4 Liftoff exon    40789749        40789942        .       +
        .       Parent=Smp_149110.1
SM_V9_4 Liftoff exon    40789987        40790043        .       +
        .       Parent=Smp_149110.1
SM_V9_4 Liftoff exon    40790076        40790172        .       +
        .       Parent=Smp_149110.1
SM_V9_4 Liftoff exon    40790209        40790279        .       +
        .       Parent=Smp_149110.1
SM_V9_4 Liftoff exon    40790807        40791127        .       +
        .       Parent=Smp_149110.1
SM_V9_4 Liftoff exon    40792117        40792308        .       +
        .       Parent=Smp_149110.1
```

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SM_V9_4 Liftoff exon    40793161        40793462        .       +
        .       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40789648        40789708        .       +
        0       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40789749        40789942        .       +
        2       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40789987        40790043        .       +
        0       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40790076        40790172        .       +
        0       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40790209        40790279        .       +
        2       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40790807        40791127        .       +
        0       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40792117        40792308        .       +
        0       Parent=Smp_149110.1
SM_V9_4 Liftoff CDS     40793161        40793220        .       +
        0       Parent=Smp_149110.1
SM_V9_4 Liftoff gene    40797382        40814507        .       -
        .
ID=Smp_247440;geneID=Smp_247440;previous_systematic_id=Smp_149120
SM_V9_4 Liftoff mRNA    40797382        40814507        .       -
        .
ID=Smp_247440.1;Parent=Smp_247440;geneID=Smp_247440;product=origin
recognition complex subunit 2;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR007220
Pfam:PF04084;Ontology_term=GO:0000808,GO:0005634,GO:0006260
SM_V9_4 Liftoff exon    40797382        40797502        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40799509        40799627        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40799923        40800204        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40801875        40802024        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40803161        40803260        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40806201        40806333        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40807016        40807242        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40811064        40811113        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40812431        40812514        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff exon    40813332        40814507        .       -
        .       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40797416        40797502        .       -
        0       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40799509        40799627        .       -
        2       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40799923        40800204        .       -
        2       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40801875        40802024        .       -
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        2       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40803161        40803260        .       -
        0       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40806201        40806333        .       -
        1       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40807016        40807242        .       -
        0       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40811064        40811113        .       -
        2       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40812431        40812514        .       -
        2       Parent=Smp_247440.1
SM_V9_4 Liftoff CDS     40813332        40813365        .       -
        0       Parent=Smp_247440.1
SM_V9_4 Liftoff gene    40828822        40836437        .       -
        .       ID=Smp_329720;geneID=Smp_329720
SM_V9_4 Liftoff mRNA    40828822        40836437        .       -
        .
ID=Smp_329720.1;Parent=Smp_329720;geneID=Smp_329720;product=N-
acetyl-gamma-glutamyl-phosphate reductase
SM_V9_4 Liftoff exon    40828822        40836437        .       -
        .       Parent=Smp_329720.1
SM_V9_4 Liftoff CDS     40828910        40829284        .       -
        0       Parent=Smp_329720.1
SM_V9_4 Liftoff gene    40851291        40914317        .       -
        .
ID=Smp_247430;geneID=Smp_247430;previous_systematic_id=Smp_149120
SM_V9_4 Liftoff mRNA    40851291        40914317        .       -
        .
ID=Smp_247430.1;Parent=Smp_247430;geneID=Smp_247430;product=cadherin
domain containing protein;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_4 Liftoff exon    40851291        40852906        .       -
        .       Parent=Smp_247430.1
SM_V9_4 Liftoff exon    40858804        40859461        .       -
        .       Parent=Smp_247430.1
SM_V9_4 Liftoff exon    40861911        40861969        .       -
        .       Parent=Smp_247430.1
SM_V9_4 Liftoff exon    40868272        40914317        .       -
        .       Parent=Smp_247430.1
SM_V9_4 Liftoff CDS     40852050        40852906        .       -
        2       Parent=Smp_247430.1
SM_V9_4 Liftoff CDS     40858804        40859461        .       -
        0       Parent=Smp_247430.1
SM_V9_4 Liftoff CDS     40861911        40861969        .       -
        2       Parent=Smp_247430.1
SM_V9_4 Liftoff CDS     40868272        40872052        .       -
        0       Parent=Smp_247430.1
SM_V9_4 Liftoff gene    40965758        40970557        .       -
        .       ID=Smp_329730;geneID=Smp_329730
SM_V9_4 Liftoff mRNA    40965758        40970557        .       -
        .
ID=Smp_329730.1;Parent=Smp_329730;geneID=Smp_329730;product=NAD
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kinase
SM_V9_4 Liftoff exon    40965758        40970557        .       -
        .       Parent=Smp_329730.1
SM_V9_4 Liftoff CDS     40966255        40966395        .       -
        0       Parent=Smp_329730.1
SM_V9_4 iris    gene    41005039        41030912        .       -
        .
ID=Smp_149130;geneID=Smp_149130;gene_name=Smp_149130;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    41005039        41030912        .       -
        .
ID=Smp_149130.1;Parent=Smp_149130;geneID=Smp_149130;gene_name=Smp_14
9130;owner=irisadmin@local.host;orig_id=Smp_149130.1;date_last_modif
ied=2022-08-24;Name=Smp_149130.1;product=Fimbrin;date_creation=2022-
08-24
SM_V9_4 iris    exon    41005039        41005798        .       -
        .       Parent=Smp_149130.1;Name=aff3d5dd-d91c-4239-
bc28-182bbca522c9
SM_V9_4 iris    exon    41005801        41006445        .       -
        .       Parent=Smp_149130.1;Name=c986a6a6-9237-4287-
adca-96972e5cd961
SM_V9_4 iris    exon    41007836        41008245        .       -
        .       Parent=Smp_149130.1;Name=fb1cadb8-d7a7-4d26-
b4bd-837581bb4fbf
SM_V9_4 iris    exon    41011117        41011299        .       -
        .       Parent=Smp_149130.1;Name=afcc6061-a8d9-4035-
a4b5-7a1d5c2c5bc0
SM_V9_4 iris    exon    41013072        41013297        .       -
        .
Parent=Smp_149130.1;Name=e6518e44-182d-4be3-9755-843d5e18d94d
SM_V9_4 iris    exon    41015468        41015542        .       -
        .
Parent=Smp_149130.1;Name=967fc177-0286-4455-949f-94a4843b679b
SM_V9_4 iris    exon    41021104        41021289        .       -
        .       Parent=Smp_149130.1;Name=9dda360a-4cb3-4b83-b559-
ac51db6305ec
SM_V9_4 iris    exon    41024827        41025037        .       -
        .       Parent=Smp_149130.1;Name=805d5423-
bbc9-4245-9e29-8815d047415e
SM_V9_4 iris    exon    41030284        41030379        .       -
        .
Parent=Smp_149130.1;Name=55ec06c8-2d80-4a29-81fe-2e7b2798309d
SM_V9_4 iris    exon    41030412        41030578        .       -
        .       Parent=Smp_149130.1;Name=a4eef216-6c83-4937-
b815-24e6d9ae5584
SM_V9_4 iris    exon    41030613        41030771        .       -
        .       Parent=Smp_149130.1;Name=cc6fe63e-
c97a-45b7-8b57-7787525c5a06
SM_V9_4 iris    exon    41030804        41030912        .       -
        .       Parent=Smp_149130.1;Name=ab064f64-0c21-4b17-842a-
fb1cdfdfcb9a
SM_V9_4 iris    CDS     41005328        41005798        .       -
        0       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41005801        41006445        .       -
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        0       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41007836        41008245        .       -
        2       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41011117        41011299        .       -
        2       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41013072        41013297        .       -
        0       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41015468        41015542        .       -
        0       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41021104        41021289        .       -
        0       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41024827        41025037        .       -
        1       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41030284        41030379        .       -
        1       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41030412        41030578        .       -
        0       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41030613        41030771        .       -
        0       Parent=Smp_149130.1
SM_V9_4 iris    CDS     41030804        41030875        .       -
        0       Parent=Smp_149130.1
SM_V9_4 Liftoff gene    41037647        41044277        .       -
        .       ID=Smp_050430;geneID=Smp_050430
SM_V9_4 Liftoff mRNA    41037647        41044277        .       -
        .
ID=Smp_050430.1;Parent=Smp_050430;geneID=Smp_050430;product=TraB
domain-containing protein;polypeptide_domain=InterPro:IPR002816
Pfam:PF01963
SM_V9_4 Liftoff exon    41037647        41038108        .       -
        .       Parent=Smp_050430.1
SM_V9_4 Liftoff exon    41040418        41040888        .       -
        .       Parent=Smp_050430.1
SM_V9_4 Liftoff exon    41041350        41041489        .       -
        .       Parent=Smp_050430.1
SM_V9_4 Liftoff exon    41041750        41041860        .       -
        .       Parent=Smp_050430.1
SM_V9_4 Liftoff exon    41043821        41043952        .       -
        .       Parent=Smp_050430.1
SM_V9_4 Liftoff exon    41043983        41044277        .       -
        .       Parent=Smp_050430.1
SM_V9_4 Liftoff CDS     41037967        41038108        .       -
        1       Parent=Smp_050430.1
SM_V9_4 Liftoff CDS     41040418        41040888        .       -
        1       Parent=Smp_050430.1
SM_V9_4 Liftoff CDS     41041350        41041489        .       -
        0       Parent=Smp_050430.1
SM_V9_4 Liftoff CDS     41041750        41041860        .       -
        0       Parent=Smp_050430.1
SM_V9_4 Liftoff CDS     41043821        41043952        .       -
        0       Parent=Smp_050430.1
SM_V9_4 Liftoff CDS     41043983        41044225        .       -
        0       Parent=Smp_050430.1
SM_V9_4 Liftoff gene    41115181        41140468        .       +
        .
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ID=Smp_344170;geneID=Smp_344170;previous_systematic_id=Smp_149140
SM_V9_4 Liftoff mRNA    41115181        41140468        .       +
        .
ID=Smp_344170.1;Parent=Smp_344170;geneID=Smp_344170;product=Protocad
herin-1;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_4 Liftoff exon    41115181        41140468        .       +
        .       Parent=Smp_344170.1
SM_V9_4 Liftoff CDS     41115258        41118827        .       +
        0       Parent=Smp_344170.1
SM_V9_4 iris    gene    41234013        41236625        .       -
        .
ID=Smp_247460;geneID=Smp_247460;gene_name=Smp_247460;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    41234013        41236625        .       -
        .
ID=Smp_247460.1;Parent=Smp_247460;geneID=Smp_247460;gene_name=Smp_24
7460;owner=irisadmin@local.host;orig_id=Smp_247460.1;date_last_modif
ied=2022-07-23;Name=Smp_247460.1;product=acyl-CoA binding
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    41234013        41234400        .       -
        .       Parent=Smp_247460.1;Name=c4f78812-36e0-4a72-
bdfe-7fce690cdf14
SM_V9_4 iris    exon    41236244        41236306        .       -
        .       Parent=Smp_247460.1;Name=c92d1e57-4643-4bfb-a4a1-
f54d90e5415c
SM_V9_4 iris    exon    41236339        41236453        .       -
        .       Parent=Smp_247460.1;Name=286a2c7a-4f8a-46ba-af8e-
c2a4e492c4eb
SM_V9_4 iris    exon    41236487        41236625        .       -
        .       Parent=Smp_247460.1;Name=251d8674-ba93-4b98-
b3f1-71e512c2b1e0
SM_V9_4 iris    CDS     41234321        41234400        .       -
        2       Parent=Smp_247460.1
SM_V9_4 iris    CDS     41236244        41236306        .       -
        2       Parent=Smp_247460.1
SM_V9_4 iris    CDS     41236339        41236453        .       -
        0       Parent=Smp_247460.1
SM_V9_4 iris    CDS     41236487        41236501        .       -
        0       Parent=Smp_247460.1
SM_V9_4 iris    gene    41242351        41259097        .       -
        .
ID=Smp_247450;geneID=Smp_247450;gene_name=Smp_247450;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    41242351        41259097        .       -
        .
ID=Smp_247450.1;Parent=Smp_247450;geneID=Smp_247450;gene_name=Smp_24
7450;owner=irisadmin@local.host;orig_id=Smp_247450.1;date_last_modif
ied=2022-07-27;Name=Smp_247450.1;product=Major facilitator
superfamily domain-containing protein 3;date_creation=2022-07-27
SM_V9_4 iris    exon    41242351        41243097        .       -
        .       Parent=Smp_247450.1;Name=33bad016-8986-4799-
b5fa-5ebed2f28eba
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SM_V9_4 iris    exon    41243832        41244143        .       -
        .       Parent=Smp_247450.1;Name=bec0220d-1d8a-4f47-bc48-
d9ce45609dc9
SM_V9_4 iris    exon    41247124        41247236        .       -
        .       Parent=Smp_247450.1;Name=e8d13a12-edd6-4d94-8977-
f2ce9f086f85
SM_V9_4 iris    exon    41249248        41249533        .       -
        .       Parent=Smp_247450.1;Name=79373c70-1561-4678-8df6-
db09e0ca126e
SM_V9_4 iris    exon    41254963        41255986        .       -
        .       Parent=Smp_247450.1;Name=9d9e883d-
cf9c-4723-9dfa-8fee1ad26e0a
SM_V9_4 iris    exon    41258992        41259097        .       -
        .       Parent=Smp_247450.1;Name=5c54edfa-763c-4acb-a6dc-
c893765a8236
SM_V9_4 iris    CDS     41243848        41244143        .       -
        2       Parent=Smp_247450.1
SM_V9_4 iris    CDS     41247124        41247236        .       -
        1       Parent=Smp_247450.1
SM_V9_4 iris    CDS     41249248        41249533        .       -
        2       Parent=Smp_247450.1
SM_V9_4 iris    CDS     41254963        41255575        .       -
        0       Parent=Smp_247450.1
SM_V9_4 iris    gene    41269212        41298525        .       +
        .
ID=Smp_050470;geneID=Smp_050470;gene_name=Smp_050470;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    41269212        41298525        .       +
        .
ID=Smp_050470.1;Parent=Smp_050470;geneID=Smp_050470;gene_name=Smp_05
0470;owner=irisadmin@local.host;orig_id=Smp_050470.1;date_last_modif
ied=2022-11-13;Name=Smp_050470.1;product=Transducin beta-like
protein 3;date_creation=2022-07-23
SM_V9_4 iris    exon    41269212        41269280        .       +
        .       Parent=Smp_050470.1;Name=900424f5-7053-4b07-82b4-
c38591296275
SM_V9_4 iris    exon    41269318        41269372        .       +
        .
Parent=Smp_050470.1;Name=833f8b94-4167-47f9-88ac-3649fe4d6b41
SM_V9_4 iris    exon    41269411        41269512        .       +
        .       Parent=Smp_050470.1;Name=2f9d6b00-9a56-444a-
a110-2b898cff92e3
SM_V9_4 iris    exon    41269546        41269590        .       +
        .       Parent=Smp_050470.1;Name=72d759d2-a5bc-4d5e-
a9aa-0e56c07aba90
SM_V9_4 iris    exon    41269625        41269702        .       +
        .       Parent=Smp_050470.1;Name=4cbe2e2f-ce63-43ea-
a8ae-81014722a361
SM_V9_4 iris    exon    41269740        41269891        .       +
        .       Parent=Smp_050470.1;Name=e857a61b-c084-4577-ac9c-
f85e597b6f02
SM_V9_4 iris    exon    41273647        41273814        .       +
        .       Parent=Smp_050470.1;Name=862b7592-03eb-4f8d-a973-
be89863c5503
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SM_V9_4 iris    exon    41273852        41273909        .       +
        .
Parent=Smp_050470.1;Name=309bc0a9-0940-436f-8475-9e73fe483337
SM_V9_4 iris    exon    41276380        41276769        .       +
        .       Parent=Smp_050470.1;Name=0126033a-
affd-48b3-9b2b-4d9a06a71ea3
SM_V9_4 iris    exon    41277866        41278287        .       +
        .       Parent=Smp_050470.1;Name=0eebfe66-
e80a-41ed-98ba-3f5d09fdb182
SM_V9_4 iris    exon    41280138        41280339        .       +
        .       Parent=Smp_050470.1;Name=f83421bd-8f30-48a2-99e6-
fc554d6dcb90
SM_V9_4 iris    exon    41280954        41281049        .       +
        .       Parent=Smp_050470.1;Name=df293994-b6e6-4099-
a108-7d9afee7e296
SM_V9_4 iris    exon    41282857        41282925        .       +
        .
Parent=Smp_050470.1;Name=fc45ffcd-9ffb-4dee-98de-63cee2031819
SM_V9_4 iris    exon    41285140        41285210        .       +
        .       Parent=Smp_050470.1;Name=ac229549-
d6cf-4a87-93e5-9152b7cd6ff5
SM_V9_4 iris    exon    41286413        41286623        .       +
        .       Parent=Smp_050470.1;Name=6c64fbb4-8a72-491d-
a332-8b7a92266c50
SM_V9_4 iris    exon    41289626        41289684        .       +
        .       Parent=Smp_050470.1;Name=cd20f455-
c3d7-46c3-86a6-6645d1e3a353
SM_V9_4 iris    exon    41292057        41292160        .       +
        .       Parent=Smp_050470.1;Name=3b9d718e-05c2-43ea-
b7a9-1273bc9c4338
SM_V9_4 iris    exon    41294480        41294788        .       +
        .
Parent=Smp_050470.1;Name=ddfbb0ee-20e5-4540-9f6e-096c44f08d8a
SM_V9_4 iris    exon    41296061        41296247        .       +
        .       Parent=Smp_050470.1;Name=671d8349-06b4-4011-
af3f-142548ff852f
SM_V9_4 iris    exon    41297475        41298525        .       +
        .       Parent=Smp_050470.1;Name=3af13363-1e1b-4a76-ad7f-
a27a2a883b93
SM_V9_4 iris    CDS     41269264        41269280        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41269318        41269372        .       +
        1       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41269411        41269512        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41269546        41269590        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41269625        41269702        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41269740        41269891        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41273647        41273814        .       +
        1       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41273852        41273909        .       +
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        1       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41276380        41276769        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41277866        41278287        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41280138        41280339        .       +
        1       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41280954        41281049        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41282857        41282925        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41285140        41285210        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41286413        41286623        .       +
        1       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41289626        41289684        .       +
        0       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41292057        41292160        .       +
        1       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41294480        41294788        .       +
        2       Parent=Smp_050470.1
SM_V9_4 iris    CDS     41296061        41296242        .       +
        2       Parent=Smp_050470.1
SM_V9_4 iris    gene    41318384        41339874        .       -
        .
ID=Smp_149160;geneID=Smp_149160;gene_name=Smp_149160;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    41318384        41339874        .       -
        .
ID=Smp_149160.1;Parent=Smp_149160;geneID=Smp_149160;gene_name=Smp_14
9160;owner=irisadmin@local.host;orig_id=Smp_149160.1;date_last_modif
ied=2022-07-23;Name=Smp_149160.1;product=Phosphatidate phosphatase
LPIN2;date_creation=2022-07-23
SM_V9_4 iris    exon    41318384        41319404        .       -
        .       Parent=Smp_149160.1;Name=f3ab47d1-35ae-40a3-86ef-
b12236d0a508
SM_V9_4 iris    exon    41320518        41320757        .       -
        .       Parent=Smp_149160.1;Name=0e3b8fe5-43c9-4150-
b5c1-187bfc4dfa13
SM_V9_4 iris    exon    41321679        41321827        .       -
        .
Parent=Smp_149160.1;Name=551b278b-5d5f-4ff8-9187-5d542f91ff39
SM_V9_4 iris    exon    41322705        41322954        .       -
        .
Parent=Smp_149160.1;Name=e1de4e3c-4599-407b-823b-49e14a65d23f
SM_V9_4 iris    exon    41324258        41324640        .       -
        .       Parent=Smp_149160.1;Name=4aa6bf43-
ce89-42ea-8254-5b3a68d73e81
SM_V9_4 iris    exon    41326789        41327146        .       -
        .       Parent=Smp_149160.1;Name=946186d6-f1c9-4d38-
acdc-85bbc6ff7694
SM_V9_4 iris    exon    41329084        41329231        .       -
        .
Parent=Smp_149160.1;Name=10f87847-1454-406d-8eb4-9808d7821e19
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SM_V9_4 iris    exon    41331789        41331945        .       -
        .       Parent=Smp_149160.1;Name=f75539ac-6d1a-460f-bb6a-
d24a825f6e12
SM_V9_4 iris    exon    41333270        41333353        .       -
        .       Parent=Smp_149160.1;Name=d9be0836-06e6-43d9-
be2a-6d619430c05d
SM_V9_4 iris    exon    41339628        41339874        .       -
        .       Parent=Smp_149160.1;Name=8f495661-1738-48c5-
b5ae-911bad15c284
SM_V9_4 iris    CDS     41318807        41319404        .       -
        1       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41320518        41320757        .       -
        1       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41321679        41321827        .       -
        0       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41322705        41322954        .       -
        1       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41324258        41324640        .       -
        0       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41326789        41327146        .       -
        1       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41329084        41329231        .       -
        2       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41331789        41331945        .       -
        0       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41333270        41333353        .       -
        0       Parent=Smp_149160.1
SM_V9_4 iris    CDS     41339628        41339807        .       -
        0       Parent=Smp_149160.1
SM_V9_4 Liftoff gene    41420809        41425517        .       +
        .       ID=Smp_149170;geneID=Smp_149170
SM_V9_4 Liftoff mRNA    41420809        41425517        .       +
        .
ID=Smp_149170.1;Parent=Smp_149170;geneID=Smp_149170;product=Sex
peptide receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452,IPR019
427
Pfam:PF10324;Ontology_term=GO:0004930,GO:0007186,GO:0008528,GO:00160
21
SM_V9_4 Liftoff exon    41420809        41425517        .       +
        .       Parent=Smp_149170.1
SM_V9_4 Liftoff CDS     41421034        41422539        .       +
        0       Parent=Smp_149170.1
SM_V9_4 iris    gene    41533745        41544250        .       -
        .
ID=Smp_149180;geneID=Smp_149180;gene_name=Smp_149180;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    41533745        41544250        .       -
        .
ID=Smp_149180.1;Parent=Smp_149180;geneID=Smp_149180;gene_name=Smp_14
9180;owner=irisadmin@local.host;orig_id=Smp_149180.2;date_last_modif
ied=2022-07-23;Name=Smp_149180.1;product=TRAF type zinc finger
domain containing protein;date_creation=2022-07-23
SM_V9_4 iris    exon    41533745        41534193        .       -
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        .       Parent=Smp_149180.1;Name=41aacb7f-d280-469c-90c2-
bda49c0ce01f
SM_V9_4 iris    exon    41540747        41540903        .       -
        .
Parent=Smp_149180.1;Name=1e964f08-7f11-490d-8395-5bad8431f430
SM_V9_4 iris    exon    41541863        41541944        .       -
        .       Parent=Smp_149180.1;Name=88105ea7-a88e-4c30-8e25-
f1a81d5f56b9
SM_V9_4 iris    exon    41543316        41543470        .       -
        .       Parent=Smp_149180.1;Name=af4497f9-
f931-46ee-9cf5-75e64f2ac661
SM_V9_4 iris    exon    41543506        41543528        .       -
        .       Parent=Smp_149180.1;Name=81d18020-1edb-42a0-b1d7-
e541a8de20a3
SM_V9_4 iris    exon    41543564        41543735        .       -
        .       Parent=Smp_149180.1;Name=321f2144-
b6df-4025-881e-00ba70a05e4a
SM_V9_4 iris    exon    41543769        41543961        .       -
        .       Parent=Smp_149180.1;Name=0ff773ef-8983-4796-8b2d-
e9c61721b701
SM_V9_4 iris    exon    41543994        41544250        .       -
        .
Parent=Smp_149180.1;Name=570c40b1-8a52-47e7-8460-1827baf5c304
SM_V9_4 iris    CDS     41533853        41534193        .       -
        2       Parent=Smp_149180.1
SM_V9_4 iris    CDS     41540747        41540903        .       -
        0       Parent=Smp_149180.1
SM_V9_4 iris    CDS     41541863        41541944        .       -
        1       Parent=Smp_149180.1
SM_V9_4 iris    CDS     41543316        41543470        .       -
        0       Parent=Smp_149180.1
SM_V9_4 iris    CDS     41543506        41543528        .       -
        2       Parent=Smp_149180.1
SM_V9_4 iris    CDS     41543564        41543735        .       -
        0       Parent=Smp_149180.1
SM_V9_4 iris    CDS     41543769        41543961        .       -
        1       Parent=Smp_149180.1
SM_V9_4 iris    CDS     41543994        41544031        .       -
        0       Parent=Smp_149180.1
SM_V9_4 iris    gene    41547539        41562584        .       +
        .
ID=Smp_050520;geneID=Smp_050520;gene_name=Smp_050520;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    41547539        41562584        .       +
        .
ID=Smp_050520.1;Parent=Smp_050520;geneID=Smp_050520;gene_name=Smp_05
0520;owner=irisadmin@local.host;orig_id=Smp_050520.1;date_last_modif
ied=2022-07-23;Name=Smp_050520.1;product=Neurogenic locus notch
homolog protein 3;date_creation=2022-07-23
SM_V9_4 iris    exon    41547539        41547633        .       +
        .       Parent=Smp_050520.1;Name=00c6ec74-c8f2-49d7-8a75-
b1e2eba1bcc6
SM_V9_4 iris    exon    41547668        41547824        .       +
        .       Parent=Smp_050520.1;Name=3974804a-c7d6-4a60-8bcf-
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f8781d1b193b
SM_V9_4 iris    exon    41547866        41547989        .       +
        .
Parent=Smp_050520.1;Name=cc047705-862a-46c0-9bd5-1aeb27803019
SM_V9_4 iris    exon    41548025        41548349        .       +
        .       Parent=Smp_050520.1;Name=1dc0d2d9-d152-4452-b88b-
bb176b44848d
SM_V9_4 iris    exon    41550353        41550475        .       +
        .       Parent=Smp_050520.1;Name=091b7372-b777-4c0c-
b854-000f34591fa2
SM_V9_4 iris    exon    41551807        41551960        .       +
        .       Parent=Smp_050520.1;Name=e80ff76a-
d98a-4089-81c3-5def592ad180
SM_V9_4 iris    exon    41553529        41553832        .       +
        .       Parent=Smp_050520.1;Name=85dfa21f-
d6dc-4382-8a45-0df3ac874c36
SM_V9_4 iris    exon    41557049        41557206        .       +
        .       Parent=Smp_050520.1;Name=31507228-2b44-4f04-b831-
ab5436c04d3f
SM_V9_4 iris    exon    41561820        41562584        .       +
        .       Parent=Smp_050520.1;Name=9d4c35d9-fec9-42f0-91f7-
c43c4ec2cc0e
SM_V9_4 iris    CDS     41547588        41547633        .       +
        0       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41547668        41547824        .       +
        2       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41547866        41547989        .       +
        1       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41548025        41548349        .       +
        0       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41550353        41550475        .       +
        2       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41551807        41551960        .       +
        2       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41553529        41553832        .       +
        1       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41557049        41557206        .       +
        0       Parent=Smp_050520.1
SM_V9_4 iris    CDS     41561820        41562282        .       +
        1       Parent=Smp_050520.1
SM_V9_4 iris    gene    41577686        41621190        .       +
        .
ID=Smp_149200;geneID=Smp_149200;gene_name=Smp_149200;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    41577686        41621190        .       +
        .
ID=Smp_149200.1;Parent=Smp_149200;geneID=Smp_149200;gene_name=Smp_14
9200;owner=irisadmin@local.host;orig_id=Smp_149200.1;date_last_modif
ied=2022-07-23;Name=Smp_149200.1;product=Dynactin subunit
1;date_creation=2022-07-23
SM_V9_4 iris    exon    41577686        41577852        .       +
        .       Parent=Smp_149200.1;Name=7e1de46e-86f1-4971-
ba81-3084774b0b2d
SM_V9_4 iris    exon    41577889        41578004        .       +
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        .       Parent=Smp_149200.1;Name=2d7d48cd-3aab-4221-b61e-
bb0440bb7df2
SM_V9_4 iris    exon    41580384        41580564        .       +
        .       Parent=Smp_149200.1;Name=87cc5586-ad8d-4255-b02e-
cf10097387f6
SM_V9_4 iris    exon    41582144        41582242        .       +
        .       Parent=Smp_149200.1;Name=d05b55c8-c762-46a3-
ab62-1a20458c3a04
SM_V9_4 iris    exon    41582423        41582451        .       +
        .
Parent=Smp_149200.1;Name=41a4e45e-9027-4f99-8ae9-0bced1006efe
SM_V9_4 iris    exon    41583402        41583425        .       +
        .       Parent=Smp_149200.1;Name=7546afee-d413-423a-ac22-
a9f5621b5b68
SM_V9_4 iris    exon    41586405        41587004        .       +
        .       Parent=Smp_149200.1;Name=b3fb70b3-bfbd-46cc-
b7f3-7fe663ae7d5c
SM_V9_4 iris    exon    41588850        41589054        .       +
        .       Parent=Smp_149200.1;Name=7796fbec-d4cd-4698-8b0d-
d17d048d1117
SM_V9_4 iris    exon    41590910        41591064        .       +
        .       Parent=Smp_149200.1;Name=ef06555e-
e192-4842-8a55-01ae3e737b04
SM_V9_4 iris    exon    41592554        41592763        .       +
        .       Parent=Smp_149200.1;Name=c2661d17-cd27-49ee-a7f5-
c93ca425d62d
SM_V9_4 iris    exon    41594861        41595214        .       +
        .       Parent=Smp_149200.1;Name=9352083d-
dab3-4d73-8d42-8fd9081d91d2
SM_V9_4 iris    exon    41597500        41597673        .       +
        .       Parent=Smp_149200.1;Name=edb5f9c6-2df7-43cd-
ae75-158afcd8a601
SM_V9_4 iris    exon    41600627        41600862        .       +
        .       Parent=Smp_149200.1;Name=e70d1edf-cacc-4065-a705-
bfa2637c398d
SM_V9_4 iris    exon    41602887        41603535        .       +
        .       Parent=Smp_149200.1;Name=c3d69de9-3c20-4d74-8b2b-
d776e609d78f
SM_V9_4 iris    exon    41605572        41605805        .       +
        .       Parent=Smp_149200.1;Name=6b81d184-dc8d-440d-a5f7-
cccf0d504882
SM_V9_4 iris    exon    41608413        41608684        .       +
        .       Parent=Smp_149200.1;Name=725ac76e-f4e3-41eb-
a159-6215925e0d7c
SM_V9_4 iris    exon    41612006        41612145        .       +
        .       Parent=Smp_149200.1;Name=2813c767-6134-484b-
ba31-629692eb5591
SM_V9_4 iris    exon    41614776        41614936        .       +
        .       Parent=Smp_149200.1;Name=e4607441-c2a6-4cbd-8913-
fc3359b1bbdb
SM_V9_4 iris    exon    41615710        41615781        .       +
        .
Parent=Smp_149200.1;Name=c9122f62-63e5-4849-995d-57b087455ea6
SM_V9_4 iris    exon    41617230        41617565        .       +
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        .       Parent=Smp_149200.1;Name=16ae0fdb-f6c8-4831-9698-
c1d600f91a8f
SM_V9_4 iris    exon    41620491        41621190        .       +
        .       Parent=Smp_149200.1;Name=6143a225-
ff07-4287-80ab-71e58d615ce2
SM_V9_4 iris    CDS     41577753        41577852        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41577889        41578004        .       +
        2       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41580384        41580564        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41582144        41582242        .       +
        2       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41582423        41582451        .       +
        2       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41583402        41583425        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41586405        41587004        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41588850        41589054        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41590910        41591064        .       +
        2       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41592554        41592763        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41594861        41595214        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41597500        41597673        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41600627        41600862        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41602887        41603535        .       +
        1       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41605572        41605805        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41608413        41608684        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41612006        41612145        .       +
        1       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41614776        41614936        .       +
        2       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41615710        41615781        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41617230        41617565        .       +
        0       Parent=Smp_149200.1
SM_V9_4 iris    CDS     41620491        41620769        .       +
        0       Parent=Smp_149200.1
SM_V9_4 Liftoff gene    41627289        41646094        .       -
        .       ID=Smp_050540;geneID=Smp_050540
SM_V9_4 Liftoff mRNA    41627289        41646094        .       -
        .
ID=Smp_050540.1;Parent=Smp_050540;geneID=Smp_050540;product=Uridine
5'-monophosphate
synthase;polypeptide_domain=InterPro:IPR000836,IPR001754,IPR004467,I
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PR011060,IPR013785,IPR014732,IPR018089,IPR023031,IPR029057
Pfam:PF00156,PF00215;Ontology_term=GO:0003824,GO:0004588,GO:0004590,
GO:0006207,GO:0006221,GO:0008152,GO:0009116,GO:0044205
SM_V9_4 Liftoff exon    41627289        41627574        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41629543        41629684        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41631361        41631565        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41632979        41633238        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41634538        41634646        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41635574        41635677        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41637701        41637862        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41641017        41641109        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff exon    41643191        41646094        .       -
        .       Parent=Smp_050540.1
SM_V9_4 Liftoff CDS     41627393        41627574        .       -
        2       Parent=Smp_050540.1
SM_V9_4 Liftoff CDS     41629543        41629684        .       -
        0       Parent=Smp_050540.1
SM_V9_4 Liftoff CDS     41631361        41631565        .       -
        1       Parent=Smp_050540.1
SM_V9_4 Liftoff CDS     41632979        41633238        .       -
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SM_V9_4 Liftoff CDS     41634538        41634646        .       -
        1       Parent=Smp_050540.1
SM_V9_4 Liftoff CDS     41635574        41635677        .       -
        0       Parent=Smp_050540.1
SM_V9_4 Liftoff CDS     41637701        41637862        .       -
        0       Parent=Smp_050540.1
SM_V9_4 Liftoff CDS     41641017        41641109        .       -
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SM_V9_4 Liftoff CDS     41643191        41643325        .       -
        0       Parent=Smp_050540.1
SM_V9_4 Liftoff gene    41646169        41672559        .       -
        .
ID=Smp_337490;geneID=Smp_337490;previous_systematic_id=Smp_149210
SM_V9_4 Liftoff mRNA    41646169        41672559        .       -
        .
ID=Smp_337490.1;Parent=Smp_337490;geneID=Smp_337490;product=Dynamin-
3
SM_V9_4 Liftoff exon    41646169        41646682        .       -
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SM_V9_4 Liftoff exon    41649410        41649484        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41652088        41652278        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41654048        41654352        .       -
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SM_V9_4 Liftoff exon    41655763        41656056        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41657492        41657888        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41660422        41660677        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41664619        41664865        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41665585        41666155        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41667674        41667935        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41668718        41668851        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41668893        41668943        .       -
        .       Parent=Smp_337490.1
SM_V9_4 Liftoff exon    41668978        41672559        .       -
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SM_V9_4 Liftoff CDS     41646239        41646682        .       -
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SM_V9_4 Liftoff CDS     41649410        41649484        .       -
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SM_V9_4 Liftoff CDS     41652088        41652278        .       -
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SM_V9_4 Liftoff CDS     41654048        41654352        .       -
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SM_V9_4 Liftoff CDS     41655763        41656056        .       -
        1       Parent=Smp_337490.1
SM_V9_4 Liftoff CDS     41657492        41657888        .       -
        2       Parent=Smp_337490.1
SM_V9_4 Liftoff CDS     41660422        41660677        .       -
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SM_V9_4 Liftoff CDS     41664619        41664865        .       -
        1       Parent=Smp_337490.1
SM_V9_4 Liftoff CDS     41665585        41666155        .       -
        2       Parent=Smp_337490.1
SM_V9_4 Liftoff CDS     41667674        41667935        .       -
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SM_V9_4 Liftoff CDS     41668718        41668851        .       -
        2       Parent=Smp_337490.1
SM_V9_4 Liftoff CDS     41668893        41668943        .       -
        2       Parent=Smp_337490.1
SM_V9_4 Liftoff CDS     41668978        41669053        .       -
        0       Parent=Smp_337490.1
SM_V9_4 Liftoff mRNA    41646180        41672547        .       -
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SM_V9_4 Liftoff exon    41649410        41649484        .       -
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SM_V9_4 Liftoff exon    41652088        41652278        .       -
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SM_V9_4 Liftoff exon    41657492        41657888        .       -
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SM_V9_4 Liftoff exon    41660422        41660677        .       -
        .       Parent=Smp_337490.2
SM_V9_4 Liftoff exon    41664619        41664865        .       -
        .       Parent=Smp_337490.2
SM_V9_4 Liftoff exon    41665585        41666155        .       -
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SM_V9_4 Liftoff exon    41667674        41667935        .       -
        .       Parent=Smp_337490.2
SM_V9_4 Liftoff exon    41668718        41668851        .       -
        .       Parent=Smp_337490.2
SM_V9_4 Liftoff exon    41668893        41668943        .       -
        .       Parent=Smp_337490.2
SM_V9_4 Liftoff exon    41668978        41672547        .       -
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SM_V9_4 Liftoff CDS     41646239        41646682        .       -
        0       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41649410        41649484        .       -
        0       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41652088        41652278        .       -
        2       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41654048        41654352        .       -
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SM_V9_4 Liftoff CDS     41655763        41656056        .       -
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SM_V9_4 Liftoff CDS     41657492        41657888        .       -
        2       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41660422        41660677        .       -
        0       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41664619        41664865        .       -
        1       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41665585        41666155        .       -
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SM_V9_4 Liftoff CDS     41667674        41667935        .       -
        0       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41668718        41668851        .       -
        2       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41668893        41668943        .       -
        2       Parent=Smp_337490.2
SM_V9_4 Liftoff CDS     41668978        41669053        .       -
        0       Parent=Smp_337490.2
SM_V9_4 Liftoff gene    41683554        41704399        .       +
        .       ID=Smp_149220;geneID=Smp_149220
SM_V9_4 Liftoff mRNA    41683554        41704399        .       +
        .
ID=Smp_149220.1;Parent=Smp_149220;geneID=Smp_149220;product=G/T
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glycosylase;polypeptide_domain=InterPro:IPR005122,IPR015637
Pfam:PF03167;Ontology_term=GO:0006281,GO:0019104
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SM_V9_4 Liftoff exon    41683554        41683791        .       +
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SM_V9_4 Liftoff exon    41683825        41683884        .       +
        .       Parent=Smp_149220.1
SM_V9_4 Liftoff exon    41685380        41685813        .       +
        .       Parent=Smp_149220.1
SM_V9_4 Liftoff exon    41686978        41687054        .       +
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SM_V9_4 Liftoff exon    41687429        41687822        .       +
        .       Parent=Smp_149220.1
SM_V9_4 Liftoff exon    41696817        41697287        .       +
        .       Parent=Smp_149220.1
SM_V9_4 Liftoff exon    41701061        41701636        .       +
        .       Parent=Smp_149220.1
SM_V9_4 Liftoff exon    41702103        41704399        .       +
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SM_V9_4 Liftoff CDS     41683676        41683791        .       +
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SM_V9_4 Liftoff CDS     41683825        41683884        .       +
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SM_V9_4 Liftoff CDS     41685380        41685813        .       +
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SM_V9_4 Liftoff CDS     41686978        41687054        .       +
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SM_V9_4 Liftoff CDS     41687429        41687822        .       +
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SM_V9_4 Liftoff CDS     41701061        41701636        .       +
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SM_V9_4 Liftoff CDS     41702103        41702884        .       +
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SM_V9_4 iris    gene    41771212        41792189        .       +
        .
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@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    41771212        41792189        .       +
        .
ID=Smp_149230.1;Parent=Smp_149230;geneID=Smp_149230;gene_name=Smp_14
9230;owner=irisadmin@local.host;orig_id=Smp_149230.1;date_last_modif
ied=2022-07-27;Name=Smp_149230.1;product=Iroquois-class homeodomain
protein IRX-6;date_creation=2022-07-27
SM_V9_4 iris    exon    41771212        41772797        .       +
        .       Parent=Smp_149230.1;Name=0a7f0054-8750-4c7c-a53b-
f15994683570
SM_V9_4 iris    exon    41780919        41781937        .       +
        .       Parent=Smp_149230.1;Name=fa513062-
a07c-4651-83a3-9a7cb6e0e6e3
SM_V9_4 iris    exon    41784914        41786477        .       +
        .       Parent=Smp_149230.1;Name=da7a1bb1-10f8-4da2-8f8d-
d871c0b63f7f
SM_V9_4 iris    exon    41790899        41792189        .       +
        .       Parent=Smp_149230.1;Name=cf1c64da-
fbf1-4241-8d0c-7380dff78304
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SM_V9_4 iris    CDS     41771356        41772797        .       +
        0       Parent=Smp_149230.1
SM_V9_4 iris    CDS     41780919        41781937        .       +
        1       Parent=Smp_149230.1
SM_V9_4 iris    CDS     41784914        41786067        .       +
        2       Parent=Smp_149230.1
SM_V9_4 iris    gene    41815477        41816315        .       -
        .
ID=Smp_050590;geneID=Smp_050590;gene_name=Smp_050590;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    41815477        41816315        .       -
        .
ID=Smp_050590.1;Parent=Smp_050590;geneID=Smp_050590;gene_name=Smp_05
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ied=2022-07-27;Name=Smp_050590.1;product=N-alpha-acetyltransferase
10;date_creation=2022-07-27
SM_V9_4 iris    exon    41815477        41815649        .       -
        .       Parent=Smp_050590.1;Name=7082a84c-0a26-41d9-
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SM_V9_4 iris    exon    41815686        41815770        .       -
        .       Parent=Smp_050590.1;Name=9da7c0ed-21ea-435e-
ba0f-3dc8b03cf950
SM_V9_4 iris    exon    41815806        41816012        .       -
        .
Parent=Smp_050590.1;Name=d3fb46b9-13b5-4885-87c0-9e6641783a84
SM_V9_4 iris    exon    41816045        41816202        .       -
        .       Parent=Smp_050590.1;Name=888064e1-
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SM_V9_4 iris    exon    41816238        41816315        .       -
        .       Parent=Smp_050590.1;Name=020ce950-
c4d5-43b8-89e6-7dc7038289e4
SM_V9_4 iris    CDS     41815596        41815649        .       -
        0       Parent=Smp_050590.1
SM_V9_4 iris    CDS     41815686        41815770        .       -
        1       Parent=Smp_050590.1
SM_V9_4 iris    CDS     41815806        41816012        .       -
        1       Parent=Smp_050590.1
SM_V9_4 iris    CDS     41816045        41816202        .       -
        0       Parent=Smp_050590.1
SM_V9_4 iris    CDS     41816238        41816258        .       -
        0       Parent=Smp_050590.1
SM_V9_4 Liftoff gene    41912690        42052712        .       +
        .
ID=Smp_344400;geneID=Smp_344400;previous_systematic_id=Smp_151810
SM_V9_4 Liftoff mRNA    41912690        42052712        .       +
        .
ID=Smp_344400.1;Parent=Smp_344400;geneID=Smp_344400;product=Potassiu
m voltage-gated channel subfamily H member
8;polypeptide_domain=InterPro:IPR000014,IPR000595,IPR003938,IPR00396
7,IPR005821,IPR014710,IPR018490
Pfam:PF00027,PF00520,PF13426;Ontology_term=GO:0005216,GO:0005249,GO:
0006811,GO:0006813,GO:0016020,GO:0055085
SM_V9_4 Liftoff exon    41912690        41913215        .       +
        .       Parent=Smp_344400.1
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SM_V9_4 Liftoff exon    41961044        41961274        .       +
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        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    41981673        41982343        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    41986262        41986496        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    41999315        41999496        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    42014634        42014835        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    42020835        42021038        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    42030528        42030727        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    42033274        42033526        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    42041104        42041321        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    42047005        42047744        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff exon    42051025        42052712        .       +
        .       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     41913140        41913215        .       +
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        2       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     41970621        41970731        .       +
        2       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     41981673        41982343        .       +
        2       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     41986262        41986496        .       +
        0       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     41999315        41999496        .       +
        2       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     42014634        42014835        .       +
        0       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     42020835        42021038        .       +
        2       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     42030528        42030727        .       +
        2       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     42033274        42033526        .       +
        0       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     42041104        42041321        .       +
        2       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     42047005        42047744        .       +
        0       Parent=Smp_344400.1
SM_V9_4 Liftoff CDS     42051025        42051850        .       +
        1       Parent=Smp_344400.1
SM_V9_4 Liftoff gene    41971240        41971779        .       +
        .
ID=Smp_316430;geneID=Smp_316430;previous_systematic_id=Smp_022560
SM_V9_4 Liftoff mRNA    41971240        41971779        .       +
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        .
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L21;polypeptide_domain=InterPro:IPR001147,IPR008991,IPR018259
Pfam:PF01157;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_4 Liftoff exon    41971240        41971779        .       +
        .       Parent=Smp_316430.1
SM_V9_4 Liftoff CDS     41971282        41971662        .       +
        0       Parent=Smp_316430.1
SM_V9_4 Liftoff gene    42059509        42062326        .       -
        .       ID=Smp_055630;geneID=Smp_055630
SM_V9_4 Liftoff mRNA    42059509        42062326        .       -
        .
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cystathionine gamma-synthase YLL058W
SM_V9_4 Liftoff exon    42059509        42059888        .       -
        .       Parent=Smp_055630.1
SM_V9_4 Liftoff exon    42062214        42062326        .       -
        .       Parent=Smp_055630.1
SM_V9_4 Liftoff CDS     42059623        42059888        .       -
        2       Parent=Smp_055630.1
SM_V9_4 Liftoff CDS     42062214        42062268        .       -
        0       Parent=Smp_055630.1
SM_V9_4 iris    gene    42065945        42119356        .       -
        .
ID=Smp_247370;geneID=Smp_247370;gene_name=Smp_247370;owner=irisadmin
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SM_V9_4 iris    mRNA    42065945        42119356        .       -
        .
ID=Smp_247370.1;Parent=Smp_247370;geneID=Smp_247370;gene_name=Smp_24
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ied=2022-07-23;Name=Smp_247370.1;product=Hypothetical
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    42065945        42067363        .       -
        .       Parent=Smp_247370.1;Name=08fba82a-e26c-4558-
acc8-638d5b95d093
SM_V9_4 iris    exon    42070142        42070439        .       -
        .       Parent=Smp_247370.1;Name=a7ae5084-ea1f-44d4-
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SM_V9_4 iris    exon    42078868        42079201        .       -
        .       Parent=Smp_247370.1;Name=6d8182ce-9f50-4f10-b3b3-
e0e4190c6213
SM_V9_4 iris    exon    42080144        42080281        .       -
        .       Parent=Smp_247370.1;Name=63dc954b-9dda-4b53-
a65f-5faf2ed17e7c
SM_V9_4 iris    exon    42084537        42084678        .       -
        .       Parent=Smp_247370.1;Name=c76266ab-61f7-490e-
adee-3f51f223c6a3
SM_V9_4 iris    exon    42093619        42093669        .       -
        .       Parent=Smp_247370.1;Name=3004302f-1b56-4cfc-aca1-
d04aa72a2550
SM_V9_4 iris    exon    42096961        42097214        .       -
        .       Parent=Smp_247370.1;Name=f621f614-3bb4-4486-bf5c-
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ad7e15292fe2
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        .       Parent=Smp_247370.1;Name=44d9deac-7538-49b3-800d-
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SM_V9_4 iris    exon    42108681        42108783        .       -
        .       Parent=Smp_247370.1;Name=d4320a6b-596b-4f2b-851e-
af8f4ebba530
SM_V9_4 iris    exon    42117156        42117194        .       -
        .       Parent=Smp_247370.1;Name=8a849651-280e-453b-
af39-175c35f7ae5e
SM_V9_4 iris    exon    42117254        42117344        .       -
        .       Parent=Smp_247370.1;Name=5c7eb7d4-6b99-43da-8a50-
e0f0e565bb88
SM_V9_4 iris    exon    42117405        42117511        .       -
        .       Parent=Smp_247370.1;Name=9ea2cfe5-de1c-4d60-ba22-
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SM_V9_4 iris    exon    42119235        42119356        .       -
        .       Parent=Smp_247370.1;Name=5806eff7-3a8e-485e-a25f-
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SM_V9_4 iris    CDS     42066716        42067363        .       -
        0       Parent=Smp_247370.1
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        1       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42078868        42079201        .       -
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SM_V9_4 iris    CDS     42080144        42080281        .       -
        2       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42084537        42084678        .       -
        0       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42093619        42093669        .       -
        0       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42096961        42097214        .       -
        2       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42099811        42100005        .       -
        2       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42108681        42108783        .       -
        0       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42117156        42117194        .       -
        0       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42117254        42117344        .       -
        1       Parent=Smp_247370.1
SM_V9_4 iris    CDS     42117405        42117415        .       -
        0       Parent=Smp_247370.1
SM_V9_4 iris    gene    42130140        42149987        .       +
        .
ID=Smp_151820;geneID=Smp_151820;gene_name=Smp_151820;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    42130140        42149987        .       +
        .
ID=Smp_151820.1;Parent=Smp_151820;geneID=Smp_151820;gene_name=Smp_15
1820;owner=irisadmin@local.host;orig_id=Smp_151820.1;date_last_modif
ied=2022-07-23;Name=Smp_151820.1;product=Microtubule-associated
protein 9;date_creation=2022-07-23
SM_V9_4 iris    exon    42130140        42130329        .       +
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        .       Parent=Smp_151820.1;Name=694a99ec-2d09-4b2a-a46d-
d8f1d3284074
SM_V9_4 iris    exon    42130376        42130492        .       +
        .       Parent=Smp_151820.1;Name=73f2d95b-fb0d-4020-
bf0e-48df52885142
SM_V9_4 iris    exon    42130534        42130629        .       +
        .       Parent=Smp_151820.1;Name=18e151a8-bd1e-4053-bb11-
d7ef048d9ae7
SM_V9_4 iris    exon    42131691        42131913        .       +
        .       Parent=Smp_151820.1;Name=f8244d0c-
e787-48cb-8ae4-674cdc932848
SM_V9_4 iris    exon    42133448        42133537        .       +
        .       Parent=Smp_151820.1;Name=98908b2b-2dca-4cf9-b658-
a2222cef9f2d
SM_V9_4 iris    exon    42136239        42136665        .       +
        .
Parent=Smp_151820.1;Name=56743f66-64c0-4c2e-8e28-9a5dedeb52c3
SM_V9_4 iris    exon    42137387        42137545        .       +
        .       Parent=Smp_151820.1;Name=4895cb68-caa0-4e39-89e9-
f686c0fd1f81
SM_V9_4 iris    exon    42142745        42142890        .       +
        .
Parent=Smp_151820.1;Name=975d7a23-5de8-4b3a-8492-214ab7a7bef1
SM_V9_4 iris    exon    42146836        42146980        .       +
        .       Parent=Smp_151820.1;Name=ca4e65e8-
bd85-41a8-9b52-46d08373af93
SM_V9_4 iris    exon    42149405        42149987        .       +
        .       Parent=Smp_151820.1;Name=fbbfece9-bbb8-4997-9d55-
a46331bf740d
SM_V9_4 iris    CDS     42130197        42130329        .       +
        0       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42130376        42130492        .       +
        2       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42130534        42130629        .       +
        2       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42131691        42131913        .       +
        2       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42133448        42133537        .       +
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SM_V9_4 iris    CDS     42136239        42136665        .       +
        1       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42137387        42137545        .       +
        0       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42142745        42142890        .       +
        0       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42146836        42146980        .       +
        1       Parent=Smp_151820.1
SM_V9_4 iris    CDS     42149405        42149521        .       +
        0       Parent=Smp_151820.1
SM_V9_4 Liftoff gene    42151747        42159486        .       -
        .       ID=Smp_055670;geneID=Smp_055670
SM_V9_4 Liftoff mRNA    42151747        42159486        .       -
        .
ID=Smp_055670.1;Parent=Smp_055670;geneID=Smp_055670;product=Probable
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Ras-related protein
Rab-4A;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_4 Liftoff exon    42151747        42152645        .       -
        .       Parent=Smp_055670.1
SM_V9_4 Liftoff exon    42154365        42154546        .       -
        .       Parent=Smp_055670.1
SM_V9_4 Liftoff exon    42157086        42159486        .       -
        .       Parent=Smp_055670.1
SM_V9_4 Liftoff CDS     42152358        42152645        .       -
        0       Parent=Smp_055670.1
SM_V9_4 Liftoff CDS     42154365        42154546        .       -
        2       Parent=Smp_055670.1
SM_V9_4 Liftoff CDS     42157086        42157287        .       -
        0       Parent=Smp_055670.1
SM_V9_4 Liftoff gene    42172865        42248560        .       +
        .
ID=Smp_344410;geneID=Smp_344410;previous_systematic_id=Smp_151830
SM_V9_4 Liftoff mRNA    42172865        42248560        .       +
        .
ID=Smp_344410.1;Parent=Smp_344410;geneID=Smp_344410;product=CTL-like
protein 1;polypeptide_domain=InterPro:IPR007603 Pfam:PF04515
SM_V9_4 Liftoff exon    42172865        42179328        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42188187        42188276        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42194141        42194289        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42196508        42196721        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42203276        42203435        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42224260        42224543        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42234577        42234752        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42242372        42242464        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42245026        42245136        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff exon    42247569        42248560        .       +
        .       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42179319        42179328        .       +
        0       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42188187        42188276        .       +
        2       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42194141        42194289        .       +
        2       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42196508        42196721        .       +
        0       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42203276        42203435        .       +
        2       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42224260        42224543        .       +
        1       Parent=Smp_344410.1
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SM_V9_4 Liftoff CDS     42234577        42234752        .       +
        2       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42242372        42242464        .       +
        0       Parent=Smp_344410.1
SM_V9_4 Liftoff CDS     42245026        42245136        .       +
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SM_V9_4 Liftoff CDS     42247569        42247787        .       +
        0       Parent=Smp_344410.1
SM_V9_4 Liftoff gene    42256700        42281271        .       +
        .
ID=Smp_344420;geneID=Smp_344420;previous_systematic_id=Smp_151840
SM_V9_4 Liftoff mRNA    42256700        42281271        .       +
        .
ID=Smp_344420.1;Parent=Smp_344420;geneID=Smp_344420;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    42256700        42258600        .       +
        .       Parent=Smp_344420.1
SM_V9_4 Liftoff exon    42274108        42274194        .       +
        .       Parent=Smp_344420.1
SM_V9_4 Liftoff exon    42278533        42278605        .       +
        .       Parent=Smp_344420.1
SM_V9_4 Liftoff exon    42280261        42281271        .       +
        .       Parent=Smp_344420.1
SM_V9_4 Liftoff CDS     42256843        42258600        .       +
        0       Parent=Smp_344420.1
SM_V9_4 Liftoff CDS     42274108        42274194        .       +
        0       Parent=Smp_344420.1
SM_V9_4 Liftoff CDS     42278533        42278605        .       +
        0       Parent=Smp_344420.1
SM_V9_4 Liftoff CDS     42280261        42280271        .       +
        2       Parent=Smp_344420.1
SM_V9_4 Liftoff mRNA    42256700        42281271        .       +
        .
ID=Smp_344420.2;Parent=Smp_344420;geneID=Smp_344420;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    42256700        42258600        .       +
        .       Parent=Smp_344420.2
SM_V9_4 Liftoff exon    42274108        42274194        .       +
        .       Parent=Smp_344420.2
SM_V9_4 Liftoff exon    42278533        42281271        .       +
        .       Parent=Smp_344420.2
SM_V9_4 Liftoff CDS     42256843        42258600        .       +
        0       Parent=Smp_344420.2
SM_V9_4 Liftoff CDS     42274108        42274194        .       +
        0       Parent=Smp_344420.2
SM_V9_4 Liftoff CDS     42278533        42279063        .       +
        0       Parent=Smp_344420.2
SM_V9_4 iris    gene    42283445        42424786        .       -
        .
ID=Smp_336900;geneID=Smp_336900;gene_name=Smp_336900;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    42283445        42424786        .       -
        .
ID=Smp_336900.1;Parent=Smp_336900;geneID=Smp_336900;gene_name=Smp_33
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6900;owner=irisadmin@local.host;orig_id=Smp_336900.1;date_last_modif
ied=2022-07-23;Name=Smp_336900.1;product=Inositol 1,4,5-
trisphosphate receptor type 1;date_creation=2022-07-23
SM_V9_4 iris    exon    42283445        42283906        .       -
        .       Parent=Smp_336900.1;Name=00addd63-b3a5-472d-
acb0-1fe4ba110d23
SM_V9_4 iris    exon    42286706        42286873        .       -
        .
Parent=Smp_336900.1;Name=57354780-9c6f-412c-8bbc-6ea71fe3e49e
SM_V9_4 iris    exon    42292851        42293011        .       -
        .       Parent=Smp_336900.1;Name=9da5c5ef-5e3e-4a9a-
a2b9-14dac437b818
SM_V9_4 iris    exon    42296020        42296185        .       -
        .       Parent=Smp_336900.1;Name=bed8c1c3-2cb8-4808-92db-
cdb47c8ab03d
SM_V9_4 iris    exon    42315993        42316114        .       -
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Parent=Smp_336900.1;Name=c1141e79-39af-4c09-91c6-884db6c28900
SM_V9_4 iris    exon    42321212        42321395        .       -
        .       Parent=Smp_336900.1;Name=71d86360-f642-40c8-
b742-967b908ed89a
SM_V9_4 iris    exon    42323314        42323703        .       -
        .       Parent=Smp_336900.1;Name=2ae90f7c-3321-4758-
b484-3d15d045db2b
SM_V9_4 iris    exon    42325132        42325313        .       -
        .       Parent=Smp_336900.1;Name=37ec6903-b913-4d93-b0ea-
e167c116c031
SM_V9_4 iris    exon    42329393        42329515        .       -
        .       Parent=Smp_336900.1;Name=6e17d955-
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SM_V9_4 iris    exon    42331030        42331222        .       -
        .       Parent=Smp_336900.1;Name=af2c0ef5-2715-4759-
aa2b-0edd3db03872
SM_V9_4 iris    exon    42334008        42334292        .       -
        .       Parent=Smp_336900.1;Name=71cbc15c-
f50d-45e9-83de-3875d62773b1
SM_V9_4 iris    exon    42335162        42335275        .       -
        .
Parent=Smp_336900.1;Name=5c8a779d-6515-4675-8709-0210943fef26
SM_V9_4 iris    exon    42337027        42337122        .       -
        .       Parent=Smp_336900.1;Name=d9f90b0d-ddb4-421d-a04b-
baadd9a63c56
SM_V9_4 iris    exon    42338028        42338642        .       -
        .
Parent=Smp_336900.1;Name=c8452ca5-8acd-4aea-9294-8cc2d4c8877a
SM_V9_4 iris    exon    42339830        42339927        .       -
        .       Parent=Smp_336900.1;Name=554ec7f8-
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SM_V9_4 iris    exon    42340945        42341101        .       -
        .       Parent=Smp_336900.1;Name=abc3c4e2-7d04-4643-ad06-
acdb43991f38
SM_V9_4 iris    exon    42342781        42342981        .       -
        .
Parent=Smp_336900.1;Name=b8454536-0e32-48a6-9c0e-6a7cbc2301bb
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SM_V9_4 iris    exon    42344945        42345047        .       -
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Parent=Smp_336900.1;Name=270df0b8-99b0-4821-8ba2-37db61f2c239
SM_V9_4 iris    exon    42346743        42346810        .       -
        .       Parent=Smp_336900.1;Name=3026f0cc-fb3c-4ea1-
a89a-291bc7aeb3f9
SM_V9_4 iris    exon    42347547        42347869        .       -
        .
Parent=Smp_336900.1;Name=36d2c381-6a7d-49d9-8f10-1fae74fcde52
SM_V9_4 iris    exon    42349742        42349850        .       -
        .
Parent=Smp_336900.1;Name=f3dda27e-2cd4-4c5d-8e79-35961e559651
SM_V9_4 iris    exon    42351468        42351584        .       -
        .       Parent=Smp_336900.1;Name=76e4295a-9d62-4cfe-aa92-
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SM_V9_4 iris    exon    42353515        42353946        .       -
        .       Parent=Smp_336900.1;Name=eef4ab04-c65d-4c0f-
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SM_V9_4 iris    exon    42357122        42357322        .       -
        .       Parent=Smp_336900.1;Name=b41a98ae-9fe4-4c64-b555-
cb3ab26d0160
SM_V9_4 iris    exon    42359992        42360117        .       -
        .       Parent=Smp_336900.1;Name=99f1f64a-c704-4f3f-ba92-
cbcb0b1b2096
SM_V9_4 iris    exon    42362036        42362284        .       -
        .       Parent=Smp_336900.1;Name=952e5652-a589-4676-9ebc-
a31863d1c4bd
SM_V9_4 iris    exon    42366048        42366432        .       -
        .       Parent=Smp_336900.1;Name=baac7df3-d0cf-4ef3-
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SM_V9_4 iris    exon    42368728        42368776        .       -
        .       Parent=Smp_336900.1;Name=9aa0105e-913a-4011-
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SM_V9_4 iris    exon    42372705        42372831        .       -
        .       Parent=Smp_336900.1;Name=8675b0a3-
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SM_V9_4 iris    exon    42375717        42375808        .       -
        .       Parent=Smp_336900.1;Name=b890e1ca-222c-4d29-
b68d-9540f3682d6c
SM_V9_4 iris    exon    42378732        42378867        .       -
        .       Parent=Smp_336900.1;Name=8f54ba11-3e05-4b31-86ef-
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SM_V9_4 iris    exon    42380710        42380860        .       -
        .       Parent=Smp_336900.1;Name=e5790aee-1f20-4643-8c9d-
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SM_V9_4 iris    exon    42382638        42382793        .       -
        .       Parent=Smp_336900.1;Name=bcd9e74e-9fa0-431c-86a6-
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SM_V9_4 iris    exon    42385423        42385782        .       -
        .       Parent=Smp_336900.1;Name=94b734e7-c4e0-4371-93e1-
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SM_V9_4 iris    exon    42387567        42387686        .       -
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SM_V9_4 iris    exon    42392282        42392454        .       -
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bf557588e461
SM_V9_4 iris    exon    42399891        42400163        .       -
        .       Parent=Smp_336900.1;Name=f3893679-a1fb-4eb2-b9cf-
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SM_V9_4 iris    exon    42402835        42402982        .       -
        .       Parent=Smp_336900.1;Name=d05fc046-c90b-476f-a7e4-
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SM_V9_4 iris    exon    42404460        42404623        .       -
        .       Parent=Smp_336900.1;Name=4077ba3c-2369-4067-9201-
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SM_V9_4 iris    exon    42406164        42406433        .       -
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Parent=Smp_336900.1;Name=aea9cc5d-77a3-46dd-9a2c-185319ebca36
SM_V9_4 iris    exon    42406996        42407091        .       -
        .       Parent=Smp_336900.1;Name=3d166e4b-
b89c-4b07-9299-2e67861b3c82
SM_V9_4 iris    exon    42409249        42409395        .       -
        .       Parent=Smp_336900.1;Name=bbb10bfd-001b-4251-a314-
d0b2a6cb1e9d
SM_V9_4 iris    exon    42410975        42411193        .       -
        .       Parent=Smp_336900.1;Name=3d5f6276-3521-43ca-b0ec-
f967f6154125
SM_V9_4 iris    exon    42412199        42412357        .       -
        .       Parent=Smp_336900.1;Name=65a7442c-284a-4fd9-
b609-2f19845c0cf5
SM_V9_4 iris    exon    42424263        42424349        .       -
        .       Parent=Smp_336900.1;Name=33baa8bc-4fce-40d1-
a1f7-25c350258884
SM_V9_4 iris    exon    42424384        42424472        .       -
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SM_V9_4 iris    exon    42424505        42424575        .       -
        .       Parent=Smp_336900.1;Name=77866634-b7c6-432b-
bdfb-614fa072cb77
SM_V9_4 iris    exon    42424616        42424786        .       -
        .       Parent=Smp_336900.1;Name=d2462034-
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SM_V9_4 iris    CDS     42283802        42283906        .       -
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SM_V9_4 iris    CDS     42286706        42286873        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42292851        42293011        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42296020        42296185        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42315993        42316114        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42321212        42321395        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42323314        42323703        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42325132        42325313        .       -
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SM_V9_4 iris    CDS     42329393        42329515        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42331030        42331222        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42334008        42334292        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42335162        42335275        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42337027        42337122        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42338028        42338642        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42339830        42339927        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42340945        42341101        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42342781        42342981        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42344945        42345047        .       -
        1       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42346743        42346810        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42347547        42347869        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42349742        42349850        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42351468        42351584        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42353515        42353946        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42357122        42357322        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42359992        42360117        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42362036        42362284        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42366048        42366432        .       -
        1       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42368728        42368776        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42372705        42372831        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42375717        42375808        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42378732        42378867        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42380710        42380860        .       -
        1       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42382638        42382793        .       -
        1       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42385423        42385782        .       -
        1       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42387567        42387686        .       -
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        1       Parent=Smp_336900.1
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SM_V9_4 iris    CDS     42399891        42400163        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42402835        42402982        .       -
        1       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42404460        42404623        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42406164        42406433        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42406996        42407091        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42409249        42409395        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42410975        42411193        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42412199        42412357        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42424263        42424349        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42424384        42424472        .       -
        2       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42424505        42424575        .       -
        1       Parent=Smp_336900.1
SM_V9_4 iris    CDS     42424616        42424728        .       -
        0       Parent=Smp_336900.1
SM_V9_4 iris    gene    42446290        42485743        .       +
        .
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    42446290        42485743        .       +
        .
ID=Smp_055720.1;Parent=Smp_055720;geneID=Smp_055720;gene_name=Smp_05
5720;owner=irisadmin@local.host;orig_id=Smp_055720.1;date_last_modif
ied=2022-07-23;Name=Smp_055720.1;product=MORC family CW-type zinc
finger protein 2;date_creation=2022-07-23
SM_V9_4 iris    exon    42446290        42446351        .       +
        .       Parent=Smp_055720.1;Name=dbeb6a63-
efff-4403-9721-638f837f4f15
SM_V9_4 iris    exon    42446423        42446493        .       +
        .       Parent=Smp_055720.1;Name=bb5f9bf7-3df6-443d-
bb96-97b9fdc8cca9
SM_V9_4 iris    exon    42446530        42446618        .       +
        .       Parent=Smp_055720.1;Name=e9e98626-5e6e-4b37-9865-
edbd81d4a1cb
SM_V9_4 iris    exon    42446654        42446722        .       +
        .       Parent=Smp_055720.1;Name=2decc554-702b-437e-
aceb-78d932fa8758
SM_V9_4 iris    exon    42446758        42446848        .       +
        .       Parent=Smp_055720.1;Name=add9211f-373f-4dea-
a8d6-6d88870fb32a
SM_V9_4 iris    exon    42446888        42446996        .       +
        .       Parent=Smp_055720.1;Name=668c7736-e861-40b6-
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ae2c-8e891fd50ea5
SM_V9_4 iris    exon    42447032        42447106        .       +
        .       Parent=Smp_055720.1;Name=34e2f159-e4c2-466d-8876-
eddbd62523f8
SM_V9_4 iris    exon    42447139        42447371        .       +
        .       Parent=Smp_055720.1;Name=8682c251-8883-4c15-a2a0-
f970e5ea8c52
SM_V9_4 iris    exon    42459124        42459332        .       +
        .       Parent=Smp_055720.1;Name=96672e94-
d486-47e1-90de-75b131cef05c
SM_V9_4 iris    exon    42460672        42460754        .       +
        .       Parent=Smp_055720.1;Name=3c98014b-ba69-4af4-b7f2-
efa2bbbee557
SM_V9_4 iris    exon    42462098        42462374        .       +
        .       Parent=Smp_055720.1;Name=1b089bc4-b0c9-4eee-b888-
b4bc5a9f1554
SM_V9_4 iris    exon    42463951        42464190        .       +
        .       Parent=Smp_055720.1;Name=b8571fff-87ac-44b7-
a5e5-9b0bd40fd31b
SM_V9_4 iris    exon    42466414        42466519        .       +
        .       Parent=Smp_055720.1;Name=3fdb23b7-c641-4e7d-
bdf7-51bd5f00a4ac
SM_V9_4 iris    exon    42467758        42467869        .       +
        .       Parent=Smp_055720.1;Name=798137ff-78e2-4b63-ad43-
b7bbaa4d2d1a
SM_V9_4 iris    exon    42468366        42468731        .       +
        .
Parent=Smp_055720.1;Name=9294a01c-49cf-4282-9db2-3da19627ee01
SM_V9_4 iris    exon    42470322        42470486        .       +
        .       Parent=Smp_055720.1;Name=1690a390-ff51-4993-ad54-
eac8588e8f78
SM_V9_4 iris    exon    42472243        42472421        .       +
        .
Parent=Smp_055720.1;Name=f44cc48a-1379-4a55-8ba0-4861f1da32cc
SM_V9_4 iris    exon    42476605        42476686        .       +
        .
Parent=Smp_055720.1;Name=5022e309-6c83-461e-9c04-6b8804201dc9
SM_V9_4 iris    exon    42479652        42479689        .       +
        .
Parent=Smp_055720.1;Name=8b554d75-6ceb-485b-8a55-4e265474f519
SM_V9_4 iris    exon    42481601        42481733        .       +
        .       Parent=Smp_055720.1;Name=2903917b-8675-4cc0-
b07b-8f0b3b610739
SM_V9_4 iris    exon    42482939        42483034        .       +
        .       Parent=Smp_055720.1;Name=c3f976bc-69cc-4339-
b239-8e673d239b69
SM_V9_4 iris    exon    42484751        42485743        .       +
        .       Parent=Smp_055720.1;Name=190fff67-92c9-47f3-
b23b-32f41a832aad
SM_V9_4 iris    CDS     42446432        42446493        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42446530        42446618        .       +
        1       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42446654        42446722        .       +
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        2       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42446758        42446848        .       +
        2       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42446888        42446996        .       +
        1       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42447032        42447106        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42447139        42447371        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42459124        42459332        .       +
        1       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42460672        42460754        .       +
        2       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42462098        42462374        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42463951        42464190        .       +
        2       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42466414        42466519        .       +
        2       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42467758        42467869        .       +
        1       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42468366        42468731        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42470322        42470486        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42472243        42472421        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42476605        42476686        .       +
        1       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42479652        42479689        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42481601        42481733        .       +
        1       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42482939        42483034        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    CDS     42484751        42484822        .       +
        0       Parent=Smp_055720.1
SM_V9_4 iris    gene    42495597        42511258        .       -
        .
ID=Smp_055740;geneID=Smp_055740;gene_name=Smp_055740;owner=irisadmin
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SM_V9_4 iris    mRNA    42495597        42511258        .       -
        .
ID=Smp_055740.1;Parent=Smp_055740;geneID=Smp_055740;gene_name=Smp_05
5740;owner=irisadmin@local.host;orig_id=Smp_055740.1;date_last_modif
ied=2022-09-05;Name=Smp_055740.1;product=Nanos homolog
1;date_creation=2022-09-05
SM_V9_4 iris    exon    42495597        42495975        .       -
        .       Parent=Smp_055740.1;Name=1623ab20-bbd9-46e5-
a63f-205f2ea96b61
SM_V9_4 iris    exon    42502859        42503033        .       -
        .       Parent=Smp_055740.1;Name=d5624f38-08e9-4703-
a76f-2c7806cf155e
SM_V9_4 iris    exon    42506034        42506136        .       -
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        .
Parent=Smp_055740.1;Name=f551b59c-6b4c-4d5f-88c8-1b1d21ff93a4
SM_V9_4 iris    exon    42511198        42511258        .       -
        .       Parent=Smp_055740.1;Name=d3259512-ca67-44b0-a3b6-
edfce9583bc6
SM_V9_4 iris    CDS     42495760        42495975        .       -
        0       Parent=Smp_055740.1
SM_V9_4 iris    CDS     42502859        42503033        .       -
        1       Parent=Smp_055740.1
SM_V9_4 iris    CDS     42506034        42506136        .       -
        2       Parent=Smp_055740.1
SM_V9_4 iris    CDS     42511198        42511240        .       -
        0       Parent=Smp_055740.1
SM_V9_4 Liftoff gene    42523140        42562446        .       +
        .
ID=Smp_336170;geneID=Smp_336170;previous_systematic_id=Smp_151880
SM_V9_4 Liftoff mRNA    42523140        42562446        .       +
        .
ID=Smp_336170.1;Parent=Smp_336170;geneID=Smp_336170;product=Transien
t receptor potential-gamma
protein;polypeptide_domain=InterPro:IPR002153,IPR005821,IPR013555,IP
R020683
Pfam:PF00520,PF08344;Ontology_term=GO:0005216,GO:0005262,GO:0006811,
GO:0016020,GO:0055085,GO:0070588
SM_V9_4 Liftoff exon    42523140        42523999        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42529280        42529609        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42534290        42534511        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42536517        42536594        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42536965        42537199        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42540224        42540346        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42540963        42541102        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42543574        42543941        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42546573        42546673        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42548439        42548533        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42552249        42552449        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42555800        42556019        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42560377        42560771        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff exon    42561898        42562446        .       +
        .       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42523322        42523999        .       +
        0       Parent=Smp_336170.1
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SM_V9_4 Liftoff CDS     42529280        42529609        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42534290        42534511        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42536517        42536594        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42536965        42537199        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42540224        42540346        .       +
        2       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42540963        42541102        .       +
        2       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42543574        42543941        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42546573        42546673        .       +
        1       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42548439        42548533        .       +
        2       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42552249        42552449        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42555800        42556019        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42560377        42560771        .       +
        2       Parent=Smp_336170.1
SM_V9_4 Liftoff CDS     42561898        42562317        .       +
        0       Parent=Smp_336170.1
SM_V9_4 Liftoff gene    42564006        42573296        .       -
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SM_V9_4 Liftoff mRNA    42564006        42573296        .       -
        .
ID=Smp_055760.1;Parent=Smp_055760;geneID=Smp_055760;product=ATP
dependent zinc metalloprotease YME1L1;evidence=Non-traceable Author
Statement
UniProtKB:P46508;polypeptide_domain=InterPro:IPR000642,IPR003593,IPR
003959,IPR003960,IPR005936,IPR027417
Pfam:PF00004,PF01434;Ontology_term=GO:0004222,GO:0005524,GO:0006508,
GO:0016020
SM_V9_4 Liftoff exon    42564006        42564836        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff exon    42566646        42566828        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff exon    42567907        42568101        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff exon    42569417        42569542        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff exon    42570368        42570706        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff exon    42572507        42572668        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff exon    42572701        42572780        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff exon    42572825        42573296        .       -
        .       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42564471        42564836        .       -
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        0       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42566646        42566828        .       -
        0       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42567907        42568101        .       -
        0       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42569417        42569542        .       -
        0       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42570368        42570706        .       -
        0       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42572507        42572668        .       -
        0       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42572701        42572780        .       -
        2       Parent=Smp_055760.1
SM_V9_4 Liftoff CDS     42572825        42573254        .       -
        0       Parent=Smp_055760.1
SM_V9_4 iris    gene    42586170        42596552        .       +
        .
ID=Smp_055770;geneID=Smp_055770;gene_name=Smp_055770;owner=irisadmin
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SM_V9_4 iris    mRNA    42586170        42596552        .       +
        .
ID=Smp_055770.1;Parent=Smp_055770;geneID=Smp_055770;gene_name=Smp_05
5770;owner=irisadmin@local.host;orig_id=Smp_055770.1;date_last_modif
ied=2022-07-23;Name=Smp_055770.1;product=Serine/threonine-protein
phosphatase 2A 55 kDa regulatory subunit B beta
isoform;date_creation=2022-07-23
SM_V9_4 iris    exon    42586170        42586267        .       +
        .       Parent=Smp_055770.1;Name=3974a2fd-de1c-42f0-a94f-
d3ecccca2264
SM_V9_4 iris    exon    42586316        42586369        .       +
        .       Parent=Smp_055770.1;Name=02e10af7-9ae5-407e-8939-
a4603aa32327
SM_V9_4 iris    exon    42586406        42586497        .       +
        .
Parent=Smp_055770.1;Name=52f54515-7e9b-42ad-93fd-7b88636dc31f
SM_V9_4 iris    exon    42586538        42586709        .       +
        .       Parent=Smp_055770.1;Name=f60ccd93-2df1-435d-93a5-
cbb427b2a7dd
SM_V9_4 iris    exon    42589313        42589618        .       +
        .       Parent=Smp_055770.1;Name=5f318c7a-10ba-4d3a-8682-
fcbedd2d3578
SM_V9_4 iris    exon    42591384        42591548        .       +
        .       Parent=Smp_055770.1;Name=1791f051-f5f9-406e-8ba0-
a6e31fccfadb
SM_V9_4 iris    exon    42592598        42592723        .       +
        .       Parent=Smp_055770.1;Name=dac65f94-c242-4a8d-
af00-9e353f4ff7b9
SM_V9_4 iris    exon    42593822        42593957        .       +
        .       Parent=Smp_055770.1;Name=305600ae-3db9-48b7-900c-
d794fc11f732
SM_V9_4 iris    exon    42594871        42596552        .       +
        .       Parent=Smp_055770.1;Name=962ed596-62fd-430c-a9de-
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SM_V9_4 iris    CDS     42586210        42586267        .       +
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        0       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42586316        42586369        .       +
        2       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42586406        42586497        .       +
        2       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42586538        42586709        .       +
        0       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42589313        42589618        .       +
        2       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42591384        42591548        .       +
        2       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42592598        42592723        .       +
        2       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42593822        42593957        .       +
        2       Parent=Smp_055770.1
SM_V9_4 iris    CDS     42594871        42595297        .       +
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439,IPR003593,IPR011527,IPR017871,IPR027417
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GO:0016887,GO:0042626,GO:0055085
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        .       Parent=Smp_055780.1
SM_V9_4 Liftoff exon    42618068        42618406        .       -
        .       Parent=Smp_055780.1
SM_V9_4 Liftoff exon    42622372        42622603        .       -
        .       Parent=Smp_055780.1
SM_V9_4 Liftoff exon    42624511        42624651        .       -
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SM_V9_4 Liftoff exon    42627028        42627179        .       -
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SM_V9_4 Liftoff exon    42628552        42628779        .       -
        .       Parent=Smp_055780.1
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SM_V9_4 Liftoff CDS     42665857        42666289        .       -
        0       Parent=Smp_055780.1
SM_V9_4 Liftoff CDS     42681983        42682255        .       -
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SM_V9_4 Liftoff CDS     42682312        42682357        .       -
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SM_V9_4 Liftoff exon    42707943        42708165        .       +
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SM_V9_4 Liftoff exon    42708198        42708456        .       +
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SM_V9_4 Liftoff exon    42708494        42708600        .       +
        .       Parent=Smp_035730.1
SM_V9_4 Liftoff exon    42708637        42708745        .       +
        .       Parent=Smp_035730.1
SM_V9_4 Liftoff exon    42710056        42710618        .       +
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SM_V9_4 Liftoff CDS     42708198        42708456        .       +
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SM_V9_4 Liftoff CDS     42708494        42708600        .       +
        2       Parent=Smp_035730.1
SM_V9_4 Liftoff CDS     42708637        42708745        .       +
        0       Parent=Smp_035730.1
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        2       Parent=Smp_035730.1
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        .
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SM_V9_4 Liftoff mRNA    42710634        42739617        .       +
        .
ID=Smp_141410.1;Parent=Smp_141410;geneID=Smp_141410;product=Autophag
y-related protein 13 homolog
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        .       Parent=Smp_141410.1
SM_V9_4 Liftoff exon    42726816        42727210        .       +
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        .       Parent=Smp_141410.1
SM_V9_4 Liftoff exon    42735250        42735349        .       +
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SM_V9_4 Liftoff exon    42738503        42739617        .       +
        .       Parent=Smp_141410.1
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SM_V9_4 Liftoff mRNA    42753853        42778668        .       +
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Model;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR003961,IPR0
07110,IPR011990,IPR013783 Pfam:PF13927;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    42753853        42778668        .       +
        .       Parent=Smp_247330.1
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ID=Smp_313980;geneID=Smp_313980;previous_systematic_id=Smp_192110
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08280,IPR013838,IPR017975,IPR018316
Pfam:PF00091,PF03953;Ontology_term=GO:0003924,GO:0005200,GO:0005525,
GO:0005874,GO:0007017
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SM_V9_4 Liftoff exon    42783583        42784047        .       -
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        .       Parent=Smp_313980.1
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SM_V9_4 Liftoff CDS     42783583        42784047        .       -
        0       Parent=Smp_313980.1
SM_V9_4 Liftoff CDS     42784080        42784136        .       -
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SM_V9_4 Liftoff gene    42809652        42816589        .       -
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beta
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GO:0005874,GO:0007017
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        .       Parent=Smp_313990.1
SM_V9_4 Liftoff exon    42811025        42816589        .       -
        .       Parent=Smp_313990.1
SM_V9_4 Liftoff CDS     42809683        42810495        .       -
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        0       Parent=Smp_313990.1
SM_V9_4 Liftoff CDS     42811025        42811081        .       -
        0       Parent=Smp_313990.1
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        .
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        .       Parent=Smp_198090.1
SM_V9_4 Liftoff CDS     42819117        42819182        .       +
        0       Parent=Smp_198090.1
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SM_V9_4 Liftoff exon    43121655        43121793        .       -
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SM_V9_4 Liftoff exon    43139040        43139560        .       -
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SM_V9_4 Liftoff exon    43159582        43160676        .       -
        .       Parent=Smp_167140.1
SM_V9_4 Liftoff CDS     43112957        43113020        .       -
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SM_V9_4 Liftoff CDS     43121655        43121793        .       -
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        1       Parent=Smp_167140.1
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12;polypeptide_domain=InterPro:IPR007763
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SM_V9_4 Liftoff CDS     43188378        43188460        .       +
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SM_V9_4 Liftoff CDS     43188489        43188561        .       +
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        .       Parent=Smp_314000.1
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        .       Parent=Smp_314000.1
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        .       Parent=Smp_314000.1
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        .       Parent=Smp_314000.1
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SM_V9_4 Liftoff CDS     43217052        43217215        .       +
        0       Parent=Smp_314000.1
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SM_V9_4 Liftoff CDS     43222892        43222959        .       +
        0       Parent=Smp_314000.1
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        0       Parent=Smp_314000.1
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        0       Parent=Smp_314000.1
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20
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SM_V9_4 Liftoff exon    43250528        43250611        .       +
        .       Parent=Smp_314010.2
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        .       Parent=Smp_314010.2
SM_V9_4 Liftoff exon    43253834        43253944        .       +
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SM_V9_4 Liftoff exon    43254845        43255052        .       +
        .       Parent=Smp_314010.2
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        .       Parent=Smp_314010.2
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        .       Parent=Smp_314010.2
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        .       Parent=Smp_314010.2
SM_V9_4 Liftoff exon    43259839        43259935        .       +
        .       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43244601        43244734        .       +
        0       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43246396        43246501        .       +
        1       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43248263        43248330        .       +
        0       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43249015        43249108        .       +
        1       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43250528        43250611        .       +
        0       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43252193        43252269        .       +
        0       Parent=Smp_314010.2
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SM_V9_4 Liftoff CDS     43253834        43253944        .       +
        1       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43254845        43255052        .       +
        1       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43255951        43256011        .       +
        0       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43257573        43257697        .       +
        2       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43258172        43258327        .       +
        0       Parent=Smp_314010.2
SM_V9_4 Liftoff CDS     43259839        43259856        .       +
        0       Parent=Smp_314010.2
SM_V9_4 Liftoff mRNA    43254220        43259935        .       +
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Pfam:PF01457;Ontology_term=GO:0004222,GO:0006508,GO:0007155,GO:00160
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SM_V9_4 Liftoff exon    43254220        43254262        .       +
        .       Parent=Smp_314010.1
SM_V9_4 Liftoff exon    43254845        43255052        .       +
        .       Parent=Smp_314010.1
SM_V9_4 Liftoff exon    43255951        43256011        .       +
        .       Parent=Smp_314010.1
SM_V9_4 Liftoff exon    43257573        43257697        .       +
        .       Parent=Smp_314010.1
SM_V9_4 Liftoff exon    43258172        43258327        .       +
        .       Parent=Smp_314010.1
SM_V9_4 Liftoff exon    43259839        43259935        .       +
        .       Parent=Smp_314010.1
SM_V9_4 Liftoff CDS     43254252        43254262        .       +
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SM_V9_4 Liftoff CDS     43254845        43255052        .       +
        1       Parent=Smp_314010.1
SM_V9_4 Liftoff CDS     43255951        43256011        .       +
        0       Parent=Smp_314010.1
SM_V9_4 Liftoff CDS     43257573        43257697        .       +
        2       Parent=Smp_314010.1
SM_V9_4 Liftoff CDS     43258172        43258327        .       +
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SM_V9_4 Liftoff CDS     43259839        43259856        .       +
        0       Parent=Smp_314010.1
SM_V9_4 iris    gene    43262657        43312306        .       -
        .
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@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_4 iris    mRNA    43262657        43312306        .       -
        .
ID=Smp_336180.1;Parent=Smp_336180;geneID=Smp_336180;gene_name=Smp_33
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ied=2022-08-15;Name=Smp_336180.1;product=Leishmanolysin-like
peptidase;date_creation=2022-08-15
SM_V9_4 iris    exon    43262657        43262900        .       -
        .       Parent=Smp_336180.1;Name=07954d2f-7926-43a9-
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a9f0-55b58f76460a
SM_V9_4 iris    exon    43264814        43264969        .       -
        .       Parent=Smp_336180.1;Name=59d38cf0-3166-42a2-ad7e-
f80ec86e1fd4
SM_V9_4 iris    exon    43266005        43266129        .       -
        .
Parent=Smp_336180.1;Name=c8c320cd-55ad-47f2-9b8e-48ec15284fbc
SM_V9_4 iris    exon    43266647        43266707        .       -
        .       Parent=Smp_336180.1;Name=fedba901-4b7c-432f-8734-
ab96bf2ebe28
SM_V9_4 iris    exon    43267654        43267861        .       -
        .       Parent=Smp_336180.1;Name=27e31dee-fb81-46b4-
bb60-9b6dbc560ecf
SM_V9_4 iris    exon    43269408        43269518        .       -
        .
Parent=Smp_336180.1;Name=1548e2dd-716a-4486-8064-670fd7d152e6
SM_V9_4 iris    exon    43272976        43273052        .       -
        .
Parent=Smp_336180.1;Name=04f7d168-32f6-4d13-965b-0c77f36a536f
SM_V9_4 iris    exon    43273108        43273119        .       -
        .       Parent=Smp_336180.1;Name=e7d72af7-2c81-462a-
a9f2-65aedfc0617e
SM_V9_4 iris    exon    43298132        43298287        .       -
        .       Parent=Smp_336180.1;Name=11f47226-4b1d-4e3e-8efa-
d8af97fc01b7
SM_V9_4 iris    exon    43299622        43299746        .       -
        .       Parent=Smp_336180.1;Name=65b2ddeb-3980-4a7d-
a80f-6ade119f3162
SM_V9_4 iris    exon    43300501        43300561        .       -
        .       Parent=Smp_336180.1;Name=cccb1a3d-b209-4723-9b76-
d3ce85fab4f8
SM_V9_4 iris    exon    43301573        43301780        .       -
        .       Parent=Smp_336180.1;Name=2e2a7a46-
f81a-4c92-8247-126d91df8efa
SM_V9_4 iris    exon    43302558        43302668        .       -
        .       Parent=Smp_336180.1;Name=74d63793-1960-4981-9daf-
d37f8efe0dbc
SM_V9_4 iris    exon    43303609        43303685        .       -
        .       Parent=Smp_336180.1;Name=233f3188-
fe74-41ca-9a69-1cf0faa8c7e2
SM_V9_4 iris    exon    43305271        43305354        .       -
        .       Parent=Smp_336180.1;Name=bcb9463a-c304-4db3-9d23-
dadab9e36487
SM_V9_4 iris    exon    43306317        43306404        .       -
        .       Parent=Smp_336180.1;Name=3092b1a7-bf2b-4554-
b5a2-5f99f9dc45e3
SM_V9_4 iris    exon    43307435        43307487        .       -
        .       Parent=Smp_336180.1;Name=18b074b3-f7dc-4c8f-b991-
c786f649ebad
SM_V9_4 iris    exon    43312034        43312150        .       -
        .       Parent=Smp_336180.1;Name=f565c8f6-2a18-433e-b57f-
b738f294f2cd
SM_V9_4 iris    exon    43312192        43312306        .       -
        .       Parent=Smp_336180.1;Name=38b010e6-3714-4107-abac-
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c58e9d9774bd
SM_V9_4 iris    CDS     43262883        43262900        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43264814        43264969        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43266005        43266129        .       -
        2       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43266647        43266707        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43267654        43267861        .       -
        1       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43269408        43269518        .       -
        1       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43272976        43273052        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43273108        43273119        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43298132        43298287        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43299622        43299746        .       -
        2       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43300501        43300561        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43301573        43301780        .       -
        1       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43302558        43302668        .       -
        1       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43303609        43303685        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43305271        43305354        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43306317        43306404        .       -
        1       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43307435        43307487        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43312034        43312150        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    CDS     43312192        43312284        .       -
        0       Parent=Smp_336180.1
SM_V9_4 iris    gene    43457892        43479001        .       -
        .
ID=Smp_346020;geneID=Smp_346020;gene_name=Smp_346020;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-23
SM_V9_4 iris    mRNA    43457892        43479001        .       -
        .
ID=Smp_346020.1;Parent=Smp_346020;geneID=Smp_346020;gene_name=Smp_34
6020;owner=irisadmin@local.host;orig_id=Smp_346020.1;date_last_modif
ied=2022-08-15;Name=Smp_346020.1;product=Leishmanolysin-like
peptidase;date_creation=2022-07-23
SM_V9_4 iris    exon    43457892        43458093        .       -
        .
Parent=Smp_346020.1;Name=a3748c9e-4872-4764-916d-06ced21b675a
SM_V9_4 iris    exon    43459702        43459857        .       -
        .       Parent=Smp_346020.1;Name=c41f06b7-1e5d-4df2-9980-
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a581c57f56cd
SM_V9_4 iris    exon    43461292        43461416        .       -
        .       Parent=Smp_346020.1;Name=ee28efe3-6ff2-4dd1-
a902-56ae959de14f
SM_V9_4 iris    exon    43465087        43465147        .       -
        .
Parent=Smp_346020.1;Name=a2aa5482-4f60-499c-90fa-382e8374ae93
SM_V9_4 iris    exon    43466058        43466265        .       -
        .       Parent=Smp_346020.1;Name=f9addab8-0008-4359-
baec-151c61a0912f
SM_V9_4 iris    exon    43466634        43466744        .       -
        .       Parent=Smp_346020.1;Name=4adee6c7-ca02-462e-8f00-
f05afa83d97a
SM_V9_4 iris    exon    43467878        43467954        .       -
        .       Parent=Smp_346020.1;Name=8fcd7a14-a220-474c-bfca-
bd77a45063a7
SM_V9_4 iris    exon    43470678        43470761        .       -
        .       Parent=Smp_346020.1;Name=c232f013-d476-49ce-
af4a-027487576027
SM_V9_4 iris    exon    43472081        43472168        .       -
        .       Parent=Smp_346020.1;Name=55ef93d6-f8d6-4ea2-b0f5-
a98d1bd37c21
SM_V9_4 iris    exon    43473155        43473207        .       -
        .       Parent=Smp_346020.1;Name=90794dc6-
aabe-4360-8e7f-5151942be67c
SM_V9_4 iris    exon    43474235        43474342        .       -
        .
Parent=Smp_346020.1;Name=ac532047-5ef2-44de-8d1d-4b7a15abe5b7
SM_V9_4 iris    exon    43476311        43476466        .       -
        .       Parent=Smp_346020.1;Name=e4fb39b3-650c-4271-a347-
f6f8e79e6160
SM_V9_4 iris    exon    43476857        43476977        .       -
        .       Parent=Smp_346020.1;Name=3be03749-adbc-4fcb-
adf0-69479aa16b4e
SM_V9_4 iris    exon    43477422        43477504        .       -
        .
Parent=Smp_346020.1;Name=a8b9c948-13fe-4f35-8d90-4faa64229432
SM_V9_4 iris    exon    43478727        43478843        .       -
        .       Parent=Smp_346020.1;Name=90da621c-85ce-4b18-bc92-
f28de45a9d7c
SM_V9_4 iris    exon    43478885        43479001        .       -
        .       Parent=Smp_346020.1;Name=e6cee669-
e2f9-4a3a-9a4c-9f4a4fec5853
SM_V9_4 iris    CDS     43458076        43458093        .       -
        0       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43459702        43459857        .       -
        0       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43461292        43461416        .       -
        2       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43465087        43465147        .       -
        0       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43466058        43466265        .       -
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SM_V9_4 iris    CDS     43466634        43466744        .       -
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SM_V9_4 iris    CDS     43470678        43470761        .       -
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SM_V9_4 iris    CDS     43472081        43472168        .       -
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SM_V9_4 iris    CDS     43473155        43473207        .       -
        0       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43474235        43474342        .       -
        0       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43476311        43476466        .       -
        0       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43476857        43476977        .       -
        1       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43477422        43477504        .       -
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SM_V9_4 iris    CDS     43478727        43478843        .       -
        0       Parent=Smp_346020.1
SM_V9_4 iris    CDS     43478885        43478977        .       -
        0       Parent=Smp_346020.1
SM_V9_4 Liftoff gene    43508726        43528925        .       +
        .       ID=Smp_090110;geneID=Smp_090110
SM_V9_4 Liftoff mRNA    43508726        43528925        .       +
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Pfam:PF01457;Ontology_term=GO:0004222,GO:0006508,GO:0007155,GO:00160
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SM_V9_4 Liftoff exon    43508726        43508874        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43508917        43509033        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43510237        43510322        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43511094        43511211        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43513213        43513385        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43513990        43514095        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43514855        43514970        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43517423        43517516        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43518582        43518689        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43519776        43519852        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43520683        43520793        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43520969        43521152        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43524330        43524396        .       +
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        .       Parent=Smp_090110.1
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        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43526542        43526673        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff exon    43528738        43528925        .       +
        .       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43508770        43508874        .       +
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SM_V9_4 Liftoff CDS     43508917        43509033        .       +
        0       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43510237        43510322        .       +
        0       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43511094        43511211        .       +
        1       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43513213        43513385        .       +
        0       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43513990        43514095        .       +
        1       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43514855        43514970        .       +
        0       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43517423        43517516        .       +
        1       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43518582        43518689        .       +
        0       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43519776        43519852        .       +
        0       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43520683        43520793        .       +
        1       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43520969        43521152        .       +
        1       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43524330        43524396        .       +
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SM_V9_4 Liftoff CDS     43525499        43525629        .       +
        2       Parent=Smp_090110.1
SM_V9_4 Liftoff CDS     43526542        43526673        .       +
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SM_V9_4 Liftoff CDS     43528738        43528746        .       +
        0       Parent=Smp_090110.1
SM_V9_4 Liftoff gene    43551576        43572955        .       +
        .       ID=Smp_090100;geneID=Smp_090100
SM_V9_4 Liftoff mRNA    43551576        43572955        .       +
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Pfam:PF01457;Ontology_term=GO:0004222,GO:0006508,GO:0007155,GO:00160
20
SM_V9_4 Liftoff exon    43551576        43551732        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43551779        43551895        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43553198        43553283        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43554926        43555043        .       +
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        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43558777        43558892        .       +
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SM_V9_4 Liftoff exon    43559394        43559487        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43560380        43560487        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43561314        43561390        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43566292        43566402        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43566512        43566692        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43567955        43568021        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43569759        43569889        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43571181        43571312        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff exon    43572769        43572955        .       +
        .       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43551622        43551732        .       +
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SM_V9_4 Liftoff CDS     43551779        43551895        .       +
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SM_V9_4 Liftoff CDS     43553198        43553283        .       +
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SM_V9_4 Liftoff CDS     43554926        43555043        .       +
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SM_V9_4 Liftoff CDS     43556090        43556262        .       +
        0       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43557491        43557596        .       +
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SM_V9_4 Liftoff CDS     43558777        43558892        .       +
        0       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43559394        43559487        .       +
        1       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43560380        43560487        .       +
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SM_V9_4 Liftoff CDS     43561314        43561390        .       +
        0       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43566292        43566402        .       +
        1       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43566512        43566692        .       +
        1       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43567955        43568021        .       +
        0       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43569759        43569889        .       +
        2       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43571181        43571312        .       +
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        0       Parent=Smp_090100.1
SM_V9_4 Liftoff CDS     43572769        43572795        .       +
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SM_V9_4 iris    gene    43580556        43595933        .       +
        .
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@local.host;date_last_modified=2022-11-12;date_creation=2022-07-23
SM_V9_4 iris    mRNA    43580556        43595933        .       +
        .
ID=Smp_334415.1;Parent=Smp_334415;geneID=Smp_334415;gene_name=Smp_33
4415;owner=irisadmin@local.host;orig_id=Smp_334410.1;date_last_modif
ied=2022-11-12;Name=Smp_334415.1;date_creation=2022-07-23
SM_V9_4 iris    exon    43580556        43580669        .       +
        .       Parent=Smp_334415.1;Name=bbe98390-2713-495c-b117-
d927d85d4ba7
SM_V9_4 iris    exon    43580720        43580842        .       +
        .       Parent=Smp_334415.1;Name=2e53006c-
dfd4-4de2-9276-29ceba1bc3b2
SM_V9_4 iris    exon    43581557        43581639        .       +
        .       Parent=Smp_334415.1;Name=2e06afeb-ebe2-412b-
b928-154077ea1cb0
SM_V9_4 iris    exon    43581863        43581983        .       +
        .       Parent=Smp_334415.1;Name=1fb5947d-29fe-44f6-
b210-88fb2da95d7e
SM_V9_4 iris    exon    43582890        43583056        .       +
        .       Parent=Smp_334415.1;Name=df43a5a4-4019-4a74-b952-
fffec8bd9e90
SM_V9_4 iris    exon    43585634        43585739        .       +
        .       Parent=Smp_334415.1;Name=c926d21a-a362-4e57-8ab8-
d01c2ad89f3e
SM_V9_4 iris    exon    43586613        43586728        .       +
        .       Parent=Smp_334415.1;Name=c407d361-
f6b2-4f90-843a-7d81e5d82b62
SM_V9_4 iris    exon    43589941        43590034        .       +
        .       Parent=Smp_334415.1;Name=5093a14c-
c630-4876-8456-66c7b2ac689b
SM_V9_4 iris    exon    43592058        43592165        .       +
        .
Parent=Smp_334415.1;Name=2a18d7f5-1043-44ac-885f-3bd2fa5af143
SM_V9_4 iris    exon    43593799        43593875        .       +
        .
Parent=Smp_334415.1;Name=4b0600ae-7b5e-40c7-85c8-265794c8c8cb
SM_V9_4 iris    exon    43595814        43595933        .       +
        .       Parent=Smp_334415.1;Name=c3f4f4d9-
ca1a-4fdb-8b5e-6b3964f03c97
SM_V9_4 iris    CDS     43580571        43580669        .       +
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SM_V9_4 iris    CDS     43580720        43580842        .       +
        0       Parent=Smp_334415.1
SM_V9_4 iris    CDS     43581557        43581639        .       +
        0       Parent=Smp_334415.1
SM_V9_4 iris    CDS     43581863        43581983        .       +
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SM_V9_4 iris    CDS     43582890        43583056        .       +
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SM_V9_4 iris    CDS     43586613        43586728        .       +
        0       Parent=Smp_334415.1
SM_V9_4 iris    CDS     43589941        43590034        .       +
        1       Parent=Smp_334415.1
SM_V9_4 iris    CDS     43592058        43592165        .       +
        0       Parent=Smp_334415.1
SM_V9_4 iris    CDS     43593799        43593875        .       +
        0       Parent=Smp_334415.1
SM_V9_4 iris    CDS     43595814        43595928        .       +
        1       Parent=Smp_334415.1
SM_V9_4 iris    gene    43598637        43605195        .       +
        .
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@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_4 iris    mRNA    43598637        43605195        .       +
        .
ID=Smp_334410.1;Parent=Smp_334410;geneID=Smp_334410;gene_name=Smp_33
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ied=2022-11-12;Name=Smp_334410.1;product=Leishmanolysin-like
peptidase;date_creation=2022-11-12
SM_V9_4 iris    exon    43598637        43598844        .       +
        .       Parent=Smp_334410.1;Name=Smp_334410.1-CDS
SM_V9_4 iris    exon    43600470        43600542        .       +
        .
Parent=Smp_334410.1;Name=52c34a39-5290-43a2-9b19-07a2022b0d79
SM_V9_4 iris    exon    43601224        43601354        .       +
        .       Parent=Smp_334410.1;Name=96fdc965-5f4d-47fb-
b1a2-7a12257af8a7
SM_V9_4 iris    exon    43602592        43602747        .       +
        .       Parent=Smp_334410.1;Name=75ede64d-1c1e-4ef6-bc0a-
bb24e72aae21
SM_V9_4 iris    exon    43605070        43605195        .       +
        .
Parent=Smp_334410.1;Name=e55b2aaf-7dbe-403f-8f50-0cd4adc68594
SM_V9_4 iris    CDS     43598638        43598844        .       +
        0       Parent=Smp_334410.1
SM_V9_4 iris    CDS     43600470        43600542        .       +
        0       Parent=Smp_334410.1
SM_V9_4 iris    CDS     43601224        43601354        .       +
        2       Parent=Smp_334410.1
SM_V9_4 iris    CDS     43602592        43602747        .       +
        0       Parent=Smp_334410.1
SM_V9_4 iris    CDS     43605070        43605081        .       +
        0       Parent=Smp_334410.1
SM_V9_4 Liftoff gene    43610196        43622712        .       -
        .       ID=Smp_090090;geneID=Smp_090090
SM_V9_4 Liftoff mRNA    43610196        43622712        .       -
        .
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pin;polypeptide_domain=InterPro:IPR023796 Pfam:PF00079
SM_V9_4 Liftoff exon    43610196        43610485        .       -
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        .       Parent=Smp_090090.1
SM_V9_4 Liftoff exon    43614463        43614623        .       -
        .       Parent=Smp_090090.1
SM_V9_4 Liftoff exon    43615897        43616047        .       -
        .       Parent=Smp_090090.1
SM_V9_4 Liftoff exon    43619676        43620019        .       -
        .       Parent=Smp_090090.1
SM_V9_4 Liftoff exon    43622541        43622712        .       -
        .       Parent=Smp_090090.1
SM_V9_4 Liftoff CDS     43610253        43610485        .       -
        2       Parent=Smp_090090.1
SM_V9_4 Liftoff CDS     43611900        43612134        .       -
        0       Parent=Smp_090090.1
SM_V9_4 Liftoff CDS     43614463        43614623        .       -
        2       Parent=Smp_090090.1
SM_V9_4 Liftoff CDS     43615897        43616047        .       -
        0       Parent=Smp_090090.1
SM_V9_4 Liftoff CDS     43619676        43620019        .       -
        2       Parent=Smp_090090.1
SM_V9_4 Liftoff CDS     43622541        43622622        .       -
        0       Parent=Smp_090090.1
SM_V9_4 Liftoff gene    43632397        43646082        .       -
        .       ID=Smp_090080;geneID=Smp_090080
SM_V9_4 Liftoff mRNA    43632397        43646082        .       -
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pin;polypeptide_domain=InterPro:IPR023795,IPR023796 Pfam:PF00079
SM_V9_4 Liftoff exon    43632397        43632753        .       -
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SM_V9_4 Liftoff exon    43634430        43634664        .       -
        .       Parent=Smp_090080.1
SM_V9_4 Liftoff exon    43636928        43637088        .       -
        .       Parent=Smp_090080.1
SM_V9_4 Liftoff exon    43637731        43637875        .       -
        .       Parent=Smp_090080.1
SM_V9_4 Liftoff exon    43641332        43641669        .       -
        .       Parent=Smp_090080.1
SM_V9_4 Liftoff exon    43645803        43646082        .       -
        .       Parent=Smp_090080.1
SM_V9_4 Liftoff CDS     43632515        43632753        .       -
        2       Parent=Smp_090080.1
SM_V9_4 Liftoff CDS     43634430        43634664        .       -
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SM_V9_4 Liftoff CDS     43636928        43637088        .       -
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SM_V9_4 Liftoff CDS     43637731        43637875        .       -
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SM_V9_4 Liftoff CDS     43641332        43641669        .       -
        2       Parent=Smp_090080.1
SM_V9_4 Liftoff CDS     43645803        43645905        .       -
        0       Parent=Smp_090080.1
SM_V9_4 Liftoff gene    43656796        43695830        .       +
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SM_V9_4 Liftoff mRNA    43656796        43695830        .       +
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HIRA;polypeptide_domain=InterPro:IPR001680,IPR011494,IPR015943,IPR01
7986,IPR019015
Pfam:PF00400,PF07569,PF09453;Ontology_term=GO:0005515,GO:0005634,GO:
0006355
SM_V9_4 Liftoff exon    43656796        43659536        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43659571        43659744        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43663372        43663462        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43664565        43664662        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43667075        43667361        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43667743        43667910        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43668718        43668765        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43671585        43671635        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43674516        43674586        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43677083        43677188        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43679305        43679553        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43681801        43681877        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43683920        43684276        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43684405        43684838        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43685344        43685638        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43687251        43687735        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43688663        43688771        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43690080        43690241        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43692110        43692240        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43693727        43693821        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff exon    43695471        43695830        .       +
        .       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43659476        43659536        .       +
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SM_V9_4 Liftoff CDS     43659571        43659744        .       +
        2       Parent=Smp_090070.1
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SM_V9_4 Liftoff CDS     43663372        43663462        .       +
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SM_V9_4 Liftoff CDS     43664565        43664662        .       +
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SM_V9_4 Liftoff CDS     43667075        43667361        .       +
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SM_V9_4 Liftoff CDS     43668718        43668765        .       +
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SM_V9_4 Liftoff CDS     43671585        43671635        .       +
        0       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43674516        43674586        .       +
        0       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43677083        43677188        .       +
        1       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43679305        43679553        .       +
        0       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43681801        43681877        .       +
        0       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43683920        43684276        .       +
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SM_V9_4 Liftoff CDS     43684405        43684838        .       +
        1       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43685344        43685638        .       +
        2       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43687251        43687735        .       +
        1       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43688663        43688771        .       +
        2       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43690080        43690241        .       +
        1       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43692110        43692240        .       +
        1       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43693727        43693821        .       +
        2       Parent=Smp_090070.1
SM_V9_4 Liftoff CDS     43695471        43695581        .       +
        0       Parent=Smp_090070.1
SM_V9_4 Liftoff gene    43697661        43733972        .       -
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SM_V9_4 Liftoff mRNA    43697661        43733972        .       -
        .
ID=Smp_171310.1;Parent=Smp_171310;geneID=Smp_171310;product=Protein
translocase subunit SecF
SM_V9_4 Liftoff exon    43697661        43697966        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43701074        43701169        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43702559        43702711        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43710114        43710218        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43712130        43712231        .       -
        .       Parent=Smp_171310.1
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SM_V9_4 Liftoff exon    43720310        43720393        .       -
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SM_V9_4 Liftoff exon    43723950        43724023        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43724766        43724867        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43727140        43727244        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43730621        43730678        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff exon    43733767        43733972        .       -
        .       Parent=Smp_171310.1
SM_V9_4 Liftoff CDS     43697913        43697966        .       -
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        0       Parent=Smp_171310.1
SM_V9_4 Liftoff CDS     43702559        43702711        .       -
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SM_V9_4 Liftoff CDS     43710114        43710218        .       -
        0       Parent=Smp_171310.1
SM_V9_4 Liftoff CDS     43712130        43712231        .       -
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SM_V9_4 Liftoff CDS     43720310        43720393        .       -
        0       Parent=Smp_171310.1
SM_V9_4 Liftoff CDS     43723950        43724023        .       -
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SM_V9_4 Liftoff CDS     43724766        43724867        .       -
        2       Parent=Smp_171310.1
SM_V9_4 Liftoff CDS     43727140        43727244        .       -
        2       Parent=Smp_171310.1
SM_V9_4 Liftoff CDS     43730621        43730678        .       -
        0       Parent=Smp_171310.1
SM_V9_4 Liftoff CDS     43733767        43733841        .       -
        0       Parent=Smp_171310.1
SM_V9_4 Liftoff gene    43752336        43754715        .       +
        .
ID=Smp_267000;geneID=Smp_267000;previous_systematic_id=Smp_171300
SM_V9_4 Liftoff mRNA    43752336        43754715        .       +
        .
ID=Smp_267000.1;Parent=Smp_267000;geneID=Smp_267000;product=V-type
proton ATPase subunit S1;polypeptide_domain=InterPro:IPR008388
Pfam:PF05827;Ontology_term=GO:0015991,GO:0033180,GO:0046933,GO:00469
61
SM_V9_4 Liftoff exon    43752336        43752459        .       +
        .       Parent=Smp_267000.1
SM_V9_4 Liftoff exon    43752491        43752712        .       +
        .       Parent=Smp_267000.1
SM_V9_4 Liftoff exon    43752752        43752983        .       +
        .       Parent=Smp_267000.1
SM_V9_4 Liftoff exon    43754252        43754715        .       +
        .       Parent=Smp_267000.1
SM_V9_4 Liftoff CDS     43752380        43752459        .       +
        0       Parent=Smp_267000.1
SM_V9_4 Liftoff CDS     43752491        43752712        .       +
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        1       Parent=Smp_267000.1
SM_V9_4 Liftoff CDS     43752752        43752983        .       +
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SM_V9_4 Liftoff CDS     43754252        43754461        .       +
        0       Parent=Smp_267000.1
SM_V9_4 Liftoff gene    43756506        43761434        .       +
        .
ID=Smp_267010;geneID=Smp_267010;previous_systematic_id=Smp_171300
SM_V9_4 Liftoff mRNA    43756506        43761434        .       +
        .
ID=Smp_267010.1;Parent=Smp_267010;geneID=Smp_267010;product=Immunogl
obulin superfamily member
10;polypeptide_domain=InterPro:IPR000483,IPR001611,IPR007110,IPR0137
83,IPR032675;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    43756506        43761434        .       +
        .       Parent=Smp_267010.1
SM_V9_4 Liftoff CDS     43756831        43760613        .       +
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        .
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SM_V9_4 Liftoff mRNA    43784376        43786618        .       +
        .
ID=Smp_316360.1;Parent=Smp_316360;geneID=Smp_316360;product=Dihydroo
rotate dehydrogenase B (NAD(+)), electron transfer
subunit;polypeptide_domain=InterPro:IPR000477 Pfam:PF00078
SM_V9_4 Liftoff exon    43784376        43786618        .       +
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SM_V9_4 Liftoff CDS     43784409        43786526        .       +
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SM_V9_4 Liftoff gene    43946924        43959868        .       +
        .       ID=Smp_090030;geneID=Smp_090030
SM_V9_4 Liftoff mRNA    43946924        43959868        .       +
        .
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r protein
9;polypeptide_domain=InterPro:IPR011989,IPR016024;Ontology_term=GO:0
005488
SM_V9_4 Liftoff exon    43946924        43948853        .       +
        .       Parent=Smp_090030.1
SM_V9_4 Liftoff exon    43949400        43949783        .       +
        .       Parent=Smp_090030.1
SM_V9_4 Liftoff exon    43949819        43949923        .       +
        .       Parent=Smp_090030.1
SM_V9_4 Liftoff exon    43949971        43950127        .       +
        .       Parent=Smp_090030.1
SM_V9_4 Liftoff exon    43951601        43951988        .       +
        .       Parent=Smp_090030.1
SM_V9_4 Liftoff exon    43954210        43954608        .       +
        .       Parent=Smp_090030.1
SM_V9_4 Liftoff exon    43956655        43956934        .       +
        .       Parent=Smp_090030.1
SM_V9_4 Liftoff exon    43959701        43959868        .       +
        .       Parent=Smp_090030.1
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SM_V9_4 Liftoff CDS     43948763        43948853        .       +
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SM_V9_4 Liftoff CDS     43949400        43949783        .       +
        2       Parent=Smp_090030.1
SM_V9_4 Liftoff CDS     43949819        43949923        .       +
        2       Parent=Smp_090030.1
SM_V9_4 Liftoff CDS     43949971        43950127        .       +
        2       Parent=Smp_090030.1
SM_V9_4 Liftoff CDS     43951601        43951988        .       +
        1       Parent=Smp_090030.1
SM_V9_4 Liftoff CDS     43954210        43954608        .       +
        0       Parent=Smp_090030.1
SM_V9_4 Liftoff CDS     43956655        43956934        .       +
        0       Parent=Smp_090030.1
SM_V9_4 Liftoff CDS     43959701        43959729        .       +
        2       Parent=Smp_090030.1
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        .
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p_171290,Smp_199660,Smp_243280
SM_V9_4 Liftoff mRNA    43962265        44015859        .       -
        .
ID=Smp_334420.1;Parent=Smp_334420;geneID=Smp_334420;product=Serine/
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R008271,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_4 Liftoff exon    43962265        43963094        .       -
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SM_V9_4 Liftoff exon    43964785        43965021        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    43967573        43967707        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    43971566        43971711        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    43973347        43973695        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    43974704        43974820        .       -
        .       Parent=Smp_334420.1
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        .       Parent=Smp_334420.1
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        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    43990311        43990499        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    43993109        43993339        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    43999574        43999828        .       -
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SM_V9_4 Liftoff exon    44005973        44006086        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    44008665        44008746        .       -
        .       Parent=Smp_334420.1
SM_V9_4 Liftoff exon    44011874        44011991        .       -
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        .       Parent=Smp_334420.1
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        0       Parent=Smp_334420.1
SM_V9_4 Liftoff CDS     43967573        43967707        .       -
        0       Parent=Smp_334420.1
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SM_V9_4 Liftoff CDS     43973347        43973695        .       -
        0       Parent=Smp_334420.1
SM_V9_4 Liftoff CDS     43974704        43974820        .       -
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SM_V9_4 Liftoff CDS     43981483        43981615        .       -
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SM_V9_4 Liftoff CDS     43983326        43983462        .       -
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SM_V9_4 Liftoff CDS     43993109        43993339        .       -
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        0       Parent=Smp_334420.1
SM_V9_4 Liftoff CDS     44005973        44006086        .       -
        0       Parent=Smp_334420.1
SM_V9_4 Liftoff CDS     44008665        44008746        .       -
        1       Parent=Smp_334420.1
SM_V9_4 Liftoff CDS     44011874        44011991        .       -
        2       Parent=Smp_334420.1
SM_V9_4 Liftoff CDS     44013499        44013648        .       -
        2       Parent=Smp_334420.1
SM_V9_4 Liftoff CDS     44015237        44015435        .       -
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SM_V9_4 Liftoff CDS     44015468        44015632        .       -
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        0       Parent=Smp_334420.1
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10;literature=PMID:17651740;polypeptide_domain=InterPro:IPR000719,IP
R008271,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
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SM_V9_4 Liftoff exon    43967573        43967707        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    43971566        43971711        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    43973347        43973695        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    43974704        43974820        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    43981483        43981615        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    43983326        43983462        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    43990311        43990499        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    43999574        43999828        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    44005973        44006086        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    44008665        44008746        .       -
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SM_V9_4 Liftoff exon    44011874        44011991        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    44013499        44013648        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    44015237        44015435        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    44015468        44015632        .       -
        .       Parent=Smp_334420.2
SM_V9_4 Liftoff exon    44015667        44015859        .       -
        .       Parent=Smp_334420.2
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SM_V9_4 Liftoff CDS     43964785        43965021        .       -
        0       Parent=Smp_334420.2
SM_V9_4 Liftoff CDS     43967573        43967707        .       -
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SM_V9_4 Liftoff CDS     43971566        43971711        .       -
        2       Parent=Smp_334420.2
SM_V9_4 Liftoff CDS     43973347        43973695        .       -
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SM_V9_4 Liftoff CDS     43974704        43974820        .       -
        0       Parent=Smp_334420.2
SM_V9_4 Liftoff CDS     43981483        43981615        .       -
        1       Parent=Smp_334420.2
SM_V9_4 Liftoff CDS     43983326        43983462        .       -
        0       Parent=Smp_334420.2
SM_V9_4 Liftoff CDS     43990311        43990499        .       -
        0       Parent=Smp_334420.2
SM_V9_4 Liftoff CDS     43999574        43999828        .       -
        0       Parent=Smp_334420.2
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SM_V9_4 Liftoff CDS     44013499        44013648        .       -
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SM_V9_4 Liftoff CDS     44015237        44015435        .       -
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SM_V9_4 Liftoff CDS     44015468        44015632        .       -
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SM_V9_4 Liftoff CDS     44015667        44015816        .       -
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SM_V9_4 Liftoff gene    44025617        44066669        .       -
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ID=Smp_334430;geneID=Smp_334430;previous_systematic_id=Smp_052420,Sm
p_198010,Smp_243560
SM_V9_4 Liftoff mRNA    44025617        44066669        .       -
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ID=Smp_334430.1;Parent=Smp_334430;geneID=Smp_334430;product=Arf-GAP
with GTPase, ANK repeat and PH domain-containing protein
3;polypeptide_domain=InterPro:IPR001164,IPR001806,IPR001849,IPR01199
3,IPR020683,IPR027417
Pfam:PF00071,PF01412;Ontology_term=GO:0003924,GO:0005096,GO:0005525
SM_V9_4 Liftoff exon    44025617        44027487        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44032366        44032807        .       -
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        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44035954        44036164        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44040082        44040465        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44041426        44041506        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44045269        44045343        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44047094        44047235        .       -
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SM_V9_4 Liftoff exon    44052491        44052598        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44055875        44055955        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44058928        44059014        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44059329        44059802        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44060579        44060713        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff exon    44065598        44065803        .       -
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SM_V9_4 Liftoff exon    44065836        44065970        .       -
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SM_V9_4 Liftoff exon    44066003        44066318        .       -
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        .       Parent=Smp_334430.1
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SM_V9_4 Liftoff exon    44066452        44066669        .       -
        .       Parent=Smp_334430.1
SM_V9_4 Liftoff CDS     44027123        44027487        .       -
        2       Parent=Smp_334430.1
SM_V9_4 Liftoff CDS     44032366        44032807        .       -
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SM_V9_4 Liftoff CDS     44041426        44041506        .       -
        2       Parent=Smp_334430.1
SM_V9_4 Liftoff CDS     44045269        44045343        .       -
        2       Parent=Smp_334430.1
SM_V9_4 Liftoff CDS     44047094        44047235        .       -
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SM_V9_4 Liftoff CDS     44052491        44052598        .       -
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SM_V9_4 Liftoff CDS     44060579        44060713        .       -
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SM_V9_4 Liftoff CDS     44065598        44065803        .       -
        2       Parent=Smp_334430.1
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        2       Parent=Smp_334430.1
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SM_V9_4 Liftoff CDS     44066354        44066412        .       -
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PR011993,IPR020683,IPR027417
Pfam:PF00071,PF01412;Ontology_term=GO:0003924,GO:0005096,GO:0005525
SM_V9_4 Liftoff exon    44025617        44027487        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44032366        44032807        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44034272        44034626        .       -
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SM_V9_4 Liftoff exon    44041426        44041506        .       -
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SM_V9_4 Liftoff exon    44045269        44045343        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44047094        44047235        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44052491        44052598        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44055875        44055955        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44058928        44059014        .       -
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SM_V9_4 Liftoff exon    44060579        44060713        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44065598        44065803        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44065836        44065970        .       -
        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44066003        44066318        .       -
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        .       Parent=Smp_334430.2
SM_V9_4 Liftoff exon    44066452        44066669        .       -
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SM_V9_4 Liftoff CDS     44032366        44032807        .       -
        0       Parent=Smp_334430.2
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SM_V9_4 Liftoff CDS     44035954        44036164        .       -
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SM_V9_4 Liftoff CDS     44041426        44041506        .       -
        2       Parent=Smp_334430.2
SM_V9_4 Liftoff CDS     44045269        44045343        .       -
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SM_V9_4 Liftoff CDS     44047094        44047235        .       -
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SM_V9_4 Liftoff CDS     44052491        44052598        .       -
        0       Parent=Smp_334430.2
SM_V9_4 Liftoff CDS     44055875        44055955        .       -
        0       Parent=Smp_334430.2
SM_V9_4 Liftoff CDS     44058928        44059014        .       -
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SM_V9_4 Liftoff CDS     44060579        44060713        .       -
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SM_V9_4 Liftoff CDS     44065598        44065803        .       -
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        0       Parent=Smp_334430.2
SM_V9_4 Liftoff CDS     44066354        44066412        .       -
        2       Parent=Smp_334430.2
SM_V9_4 Liftoff CDS     44066452        44066617        .       -
        0       Parent=Smp_334430.2
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3;polypeptide_domain=InterPro:IPR001164,IPR001806,IPR001849,IPR01199
3,IPR020683,IPR027417
Pfam:PF00071,PF01412;Ontology_term=GO:0003924,GO:0005096,GO:0005525
SM_V9_4 Liftoff exon    44025617        44027487        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44032366        44032807        .       -
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SM_V9_4 Liftoff exon    44035954        44036164        .       -
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SM_V9_4 Liftoff exon    44040082        44040465        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44041426        44041506        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44045269        44045343        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44047094        44047235        .       -
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SM_V9_4 Liftoff exon    44052491        44052598        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44055875        44055955        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44065598        44065803        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44065836        44065970        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44066003        44066318        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff exon    44066354        44066412        .       -
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SM_V9_4 Liftoff exon    44066452        44066669        .       -
        .       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44027123        44027487        .       -
        2       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44032366        44032807        .       -
        0       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44034272        44034626        .       -
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SM_V9_4 Liftoff CDS     44035954        44036164        .       -
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SM_V9_4 Liftoff CDS     44040082        44040465        .       -
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SM_V9_4 Liftoff CDS     44045269        44045343        .       -
        2       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44047094        44047235        .       -
        0       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44052491        44052598        .       -
        0       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44055875        44055955        .       -
        0       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44065598        44065803        .       -
        2       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44065836        44065970        .       -
        2       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44066003        44066318        .       -
        0       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44066354        44066412        .       -
        2       Parent=Smp_334430.3
SM_V9_4 Liftoff CDS     44066452        44066617        .       -
        0       Parent=Smp_334430.3
SM_V9_4 iris    gene    44067793        44093133        .       +
        .
ID=Smp_198020;geneID=Smp_198020;gene_name=Smp_198020;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_4 iris    mRNA    44067793        44093133        .       +
        .
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ied=2022-07-21;Name=Smp_198020.1;product=Catechol O-
methyltransferase domain-containing protein
1;date_creation=2022-07-21
SM_V9_4 iris    exon    44067793        44067866        .       +
        .       Parent=Smp_198020.1;Name=ba163592-
d0bf-4e98-88b3-8f1b2f7638fa
SM_V9_4 iris    exon    44082832        44083154        .       +
        .
Parent=Smp_198020.1;Name=3afe3c3a-6eb2-4e18-8545-61834e8e14a1
SM_V9_4 iris    exon    44087740        44087916        .       +
        .       Parent=Smp_198020.1;Name=552ca0ca-426e-48a5-ba74-
b5c77f632580
SM_V9_4 iris    exon    44090146        44090279        .       +
        .       Parent=Smp_198020.1;Name=8fb98650-3e3f-4126-bb27-
da0ea6b7a981
SM_V9_4 iris    exon    44092786        44093133        .       +
        .
Parent=Smp_198020.1;Name=9ad46cb3-4600-4200-9ff9-12eb3c9a9d4c
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SM_V9_4 iris    CDS     44087740        44087916        .       +
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SM_V9_4 iris    CDS     44090146        44090279        .       +
        2       Parent=Smp_198020.1
SM_V9_4 iris    CDS     44092786        44092938        .       +
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,IPR016159,IPR019559
Pfam:PF00888,PF10557;Ontology_term=GO:0006511,GO:0031461,GO:0031625
SM_V9_4 Liftoff exon    44099463        44099790        .       +
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SM_V9_4 Liftoff exon    44099829        44099996        .       +
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SM_V9_4 Liftoff exon    44103440        44103745        .       +
        .       Parent=Smp_150270.1
SM_V9_4 Liftoff exon    44106111        44106365        .       +
        .       Parent=Smp_150270.1
SM_V9_4 Liftoff exon    44109140        44109302        .       +
        .       Parent=Smp_150270.1
SM_V9_4 Liftoff exon    44110665        44110795        .       +
        .       Parent=Smp_150270.1
SM_V9_4 Liftoff exon    44111452        44111666        .       +
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SM_V9_4 Liftoff exon    44113239        44113287        .       +
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SM_V9_4 Liftoff exon    44113529        44113796        .       +
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        .       Parent=Smp_150270.1
SM_V9_4 Liftoff exon    44127070        44127175        .       +
        .       Parent=Smp_150270.1
SM_V9_4 Liftoff exon    44128664        44128777        .       +
        .       Parent=Smp_150270.1
SM_V9_4 Liftoff exon    44131070        44132446        .       +
        .       Parent=Smp_150270.1
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        0       Parent=Smp_150270.1
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        0       Parent=Smp_150270.1
SM_V9_4 Liftoff CDS     44103440        44103745        .       +
        0       Parent=Smp_150270.1
SM_V9_4 Liftoff CDS     44106111        44106365        .       +
        0       Parent=Smp_150270.1
SM_V9_4 Liftoff CDS     44109140        44109302        .       +
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SM_V9_4 Liftoff CDS     44110665        44110795        .       +
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        1       Parent=Smp_150270.1
SM_V9_4 Liftoff CDS     44128664        44128777        .       +
        0       Parent=Smp_150270.1
SM_V9_4 Liftoff CDS     44131070        44131150        .       +
        0       Parent=Smp_150270.1
SM_V9_4 Liftoff gene    44146713        44151109        .       +
        .
ID=Smp_312560;geneID=Smp_312560;previous_systematic_id=Smp_012560
SM_V9_4 Liftoff mRNA    44146713        44151109        .       +
        .
ID=Smp_312560.1;Parent=Smp_312560;geneID=Smp_312560;product=Probable
caffeoyl-CoA O-methyltransferase
2;polypeptide_domain=InterPro:IPR002935,IPR029063
Pfam:PF01596;Ontology_term=GO:0008171
SM_V9_4 Liftoff exon    44146713        44146783        .       +
        .       Parent=Smp_312560.1
SM_V9_4 Liftoff exon    44146821        44146964        .       +
        .       Parent=Smp_312560.1
SM_V9_4 Liftoff exon    44147005        44147110        .       +
        .       Parent=Smp_312560.1
SM_V9_4 Liftoff exon    44148402        44148578        .       +
        .       Parent=Smp_312560.1
SM_V9_4 Liftoff exon    44149847        44149980        .       +
        .       Parent=Smp_312560.1
SM_V9_4 Liftoff exon    44150846        44151109        .       +
        .       Parent=Smp_312560.1
SM_V9_4 Liftoff CDS     44146745        44146783        .       +
        0       Parent=Smp_312560.1
SM_V9_4 Liftoff CDS     44146821        44146964        .       +
        0       Parent=Smp_312560.1
SM_V9_4 Liftoff CDS     44147005        44147110        .       +
        0       Parent=Smp_312560.1
SM_V9_4 Liftoff CDS     44148402        44148578        .       +
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SM_V9_4 Liftoff CDS     44149847        44149980        .       +
        2       Parent=Smp_312560.1
SM_V9_4 Liftoff CDS     44150846        44150998        .       +
        0       Parent=Smp_312560.1
SM_V9_4 Liftoff gene    44160504        44169699        .       -
        .
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SM_V9_4 Liftoff mRNA    44160504        44169699        .       -
        .
ID=Smp_316120.1;Parent=Smp_316120;geneID=Smp_316120;product=Probable
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        .       Parent=Smp_316120.1
SM_V9_4 Liftoff exon    44162089        44162222        .       -
        .       Parent=Smp_316120.1
SM_V9_4 Liftoff exon    44163440        44163616        .       -
        .       Parent=Smp_316120.1
SM_V9_4 Liftoff exon    44165114        44165219        .       -
        .       Parent=Smp_316120.1
SM_V9_4 Liftoff exon    44165260        44169699        .       -
        .       Parent=Smp_316120.1
SM_V9_4 Liftoff CDS     44160805        44160957        .       -
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SM_V9_4 Liftoff CDS     44162089        44162222        .       -
        2       Parent=Smp_316120.1
SM_V9_4 Liftoff CDS     44163440        44163616        .       -
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SM_V9_4 Liftoff CDS     44165114        44165219        .       -
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SM_V9_4 Liftoff CDS     44165260        44165385        .       -
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Pfam:PF00888;Ontology_term=GO:0006511,GO:0031625
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SM_V9_4 Liftoff exon    44177920        44178489        .       -
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SM_V9_4 Liftoff CDS     44177775        44177887        .       -
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SM_V9_4 Liftoff CDS     44177920        44178187        .       -
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SM_V9_4 Liftoff gene    44179833        44184996        .       +
        .
ID=Smp_316130;geneID=Smp_316130;previous_systematic_id=Smp_052470
SM_V9_4 Liftoff mRNA    44179833        44184996        .       +
        .
ID=Smp_316130.1;Parent=Smp_316130;geneID=Smp_316130;product=Probable
caffeoyl-CoA O-methyltransferase
2;polypeptide_domain=InterPro:IPR002935,IPR029063
Pfam:PF01596;Ontology_term=GO:0008171
SM_V9_4 Liftoff exon    44179833        44180522        .       +
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SM_V9_4 Liftoff exon    44180563        44180668        .       +
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SM_V9_4 Liftoff exon    44182166        44182342        .       +
        .       Parent=Smp_316130.1
SM_V9_4 Liftoff exon    44183107        44183240        .       +
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SM_V9_4 Liftoff exon    44184691        44184996        .       +
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SM_V9_4 Liftoff CDS     44182166        44182342        .       +
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SM_V9_4 Liftoff CDS     44183107        44183240        .       +
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SM_V9_4 Liftoff CDS     44184691        44184843        .       +
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        .
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@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_4 iris    mRNA    44189023        44218307        .       +
        .
ID=Smp_150280.1;Parent=Smp_150280;geneID=Smp_150280;gene_name=Smp_15
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ied=2022-07-21;Name=Smp_150280.1;product=F-box/LRR-repeat protein
2;date_creation=2022-07-21
SM_V9_4 iris    exon    44189023        44189128        .       +
        .
Parent=Smp_150280.1;Name=59851cc8-6622-4a4b-98b3-9b3fdc8b0de8
SM_V9_4 iris    exon    44191367        44192864        .       +
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e1601d65ae7a
SM_V9_4 iris    exon    44199597        44199671        .       +
        .       Parent=Smp_150280.1;Name=0da6fa59-812b-4bdd-9fc0-
d31cd781d2c3
SM_V9_4 iris    exon    44201485        44201752        .       +
        .
Parent=Smp_150280.1;Name=ee235a09-0d1a-4dd7-968a-637a5ebe679e
SM_V9_4 iris    exon    44202962        44203271        .       +
        .       Parent=Smp_150280.1;Name=657faa67-5c97-42eb-
b59c-26effa9d9d08
SM_V9_4 iris    exon    44204041        44204324        .       +
        .
Parent=Smp_150280.1;Name=9605151e-061f-49e1-8043-9b725c04edbf
SM_V9_4 iris    exon    44207912        44208052        .       +
        .       Parent=Smp_150280.1;Name=aecd528a-97ad-40a5-8124-
a43b8b2836b2
SM_V9_4 iris    exon    44210122        44210414        .       +
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b10e205b1edb
SM_V9_4 iris    exon    44214456        44214566        .       +
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Parent=Smp_150280.1;Name=bf39b776-5544-4437-98da-6eb53b601fb3
SM_V9_4 iris    exon    44215872        44218307        .       +
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Parent=Smp_150280.1;Name=f6dfb6ac-0e79-44d3-92bb-1f8d7aadd4e0
SM_V9_4 iris    CDS     44191417        44192864        .       +
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SM_V9_4 iris    CDS     44202962        44203271        .       +
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SM_V9_4 iris    CDS     44204041        44204324        .       +
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SM_V9_4 iris    CDS     44207912        44208052        .       +
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SM_V9_4 iris    CDS     44210122        44210414        .       +
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SM_V9_4 iris    CDS     44214456        44214566        .       +
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SM_V9_4 iris    CDS     44215872        44215968        .       +
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86;polypeptide_domain=InterPro:IPR005579 Pfam:PF03879
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        .       Parent=Smp_052500.1
SM_V9_4 Liftoff CDS     44239568        44239633        .       -
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SM_V9_4 Liftoff CDS     44239677        44239881        .       -
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SM_V9_4 Liftoff CDS     44243172        44243236        .       -
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        .
ID=Smp_314020;geneID=Smp_314020;previous_systematic_id=Smp_052510,Sm
p_142810
SM_V9_4 Liftoff mRNA    44248044        44255459        .       -
        .
ID=Smp_314020.1;Parent=Smp_314020;geneID=Smp_314020;product=Neutral
and basic amino acid transport protein
rBAT;polypeptide_domain=InterPro:IPR006047,IPR017853,IPR031984
Pfam:PF00128,PF16028;Ontology_term=GO:0003824,GO:0005975
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SM_V9_4 Liftoff exon    44251410        44251645        .       -
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SM_V9_4 Liftoff CDS     44251410        44251645        .       -
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SM_V9_4 Liftoff CDS     44252824        44253101        .       -
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SM_V9_4 Liftoff CDS     44255001        44255439        .       -
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ID=Smp_150300.1;Parent=Smp_150300;geneID=Smp_150300;product=MAP
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protein;literature=PMID:16051070;polypeptide_domain=InterPro:IPR0011
94,IPR005112,IPR005113 Pfam:PF02141,PF03456
SM_V9_4 Liftoff exon    44276913        44277673        .       +
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SM_V9_4 Liftoff exon    44279925        44280066        .       +
        .       Parent=Smp_150300.1
SM_V9_4 Liftoff exon    44284112        44284270        .       +
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SM_V9_4 Liftoff exon    44291213        44291344        .       +
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SM_V9_4 Liftoff exon    44292937        44293050        .       +
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SM_V9_4 Liftoff exon    44295964        44296044        .       +
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SM_V9_4 Liftoff exon    44300829        44300987        .       +
        .       Parent=Smp_150300.1
SM_V9_4 Liftoff exon    44302051        44302435        .       +
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SM_V9_4 Liftoff exon    44306314        44306528        .       +
        .       Parent=Smp_150300.1
SM_V9_4 Liftoff exon    44307936        44307961        .       +
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SM_V9_4 Liftoff exon    44311519        44311591        .       +
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        .       Parent=Smp_150300.1
SM_V9_4 Liftoff exon    44315088        44315151        .       +
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SM_V9_4 Liftoff exon    44316628        44316817        .       +
        .       Parent=Smp_150300.1
SM_V9_4 Liftoff exon    44319537        44319950        .       +
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SM_V9_4 Liftoff CDS     44277054        44277673        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44279925        44280066        .       +
        1       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44284112        44284270        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44291213        44291344        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44292937        44293050        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44295964        44296044        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44299095        44299265        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44300829        44300987        .       +
        0       Parent=Smp_150300.1
```

```
SM_V9_4 Liftoff CDS     44302051        44302435        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44306314        44306528        .       +
        2       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44307936        44307961        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44311519        44311591        .       +
        1       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44313257        44313506        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44315088        44315151        .       +
        2       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44316628        44316817        .       +
        1       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44319537        44319950        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44322966        44323023        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44327491        44328129        .       +
        2       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44328439        44328832        .       +
        2       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44330666        44331123        .       +
        1       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44333313        44333563        .       +
        2       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44335813        44335920        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44338342        44338506        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44340428        44340500        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44341763        44341869        .       +
        2       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44343216        44343288        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44344899        44344945        .       +
        2       Parent=Smp_150300.1
SM_V9_4 Liftoff CDS     44346559        44346618        .       +
        0       Parent=Smp_150300.1
SM_V9_4 Liftoff mRNA    44276913        44349466        .       +
        .
ID=Smp_150300.2;Parent=Smp_150300;geneID=Smp_150300;product=MAP
kinase-activating death domain
protein;polypeptide_domain=InterPro:IPR001194,IPR005112,IPR005113
Pfam:PF02141,PF03456
SM_V9_4 Liftoff exon    44276913        44277673        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44279925        44280066        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44284112        44284270        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44291213        44291344        .       +
        .       Parent=Smp_150300.2
```

```
SM_V9_4 Liftoff exon    44292937        44293050        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44295964        44296044        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44299095        44299265        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44300829        44300987        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44302051        44302435        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44306314        44306528        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44307936        44307961        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44311519        44311591        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44313257        44313506        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44315088        44315151        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44316628        44316817        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44319537        44319950        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44322966        44323023        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44327491        44328129        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44328439        44328832        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44330666        44331123        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44333313        44333563        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44335813        44335920        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44338342        44338506        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44340428        44340500        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44341763        44341869        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44343216        44343288        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44344899        44344945        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff exon    44347820        44349466        .       +
        .       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44277054        44277673        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44279925        44280066        .       +
        1       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44284112        44284270        .       +
        0       Parent=Smp_150300.2
```

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SM_V9_4 Liftoff CDS     44291213        44291344        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44292937        44293050        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44295964        44296044        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44299095        44299265        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44300829        44300987        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44302051        44302435        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44306314        44306528        .       +
        2       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44307936        44307961        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44311519        44311591        .       +
        1       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44313257        44313506        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44315088        44315151        .       +
        2       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44316628        44316817        .       +
        1       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44319537        44319950        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44322966        44323023        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44327491        44328129        .       +
        2       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44328439        44328832        .       +
        2       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44330666        44331123        .       +
        1       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44333313        44333563        .       +
        2       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44335813        44335920        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44338342        44338506        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44340428        44340500        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44341763        44341869        .       +
        2       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44343216        44343288        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44344899        44344945        .       +
        2       Parent=Smp_150300.2
SM_V9_4 Liftoff CDS     44347820        44347894        .       +
        0       Parent=Smp_150300.2
SM_V9_4 Liftoff mRNA    44276913        44349466        .       +
        .
ID=Smp_150300.3;Parent=Smp_150300;geneID=Smp_150300;product=MAP
kinase-activating death domain
```

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protein;polypeptide_domain=InterPro:IPR001194,IPR005112,IPR005113
Pfam:PF02141,PF03456
SM_V9_4 Liftoff exon    44276913        44277673        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44279925        44280066        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44284112        44284270        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44291213        44291344        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44292937        44293050        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44295964        44296044        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44299095        44299265        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44300829        44300987        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44302051        44302435        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44306314        44306528        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44307936        44307961        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44311519        44311591        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44313257        44313506        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44315088        44315151        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44316628        44316817        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44319537        44319950        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44322966        44323023        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44328439        44328832        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44330666        44331123        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44333313        44333563        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44335813        44335920        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44338342        44338506        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44340428        44340500        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44341763        44341869        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44343216        44343288        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff exon    44344899        44344945        .       +
        .       Parent=Smp_150300.3
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SM_V9_4 Liftoff exon    44346559        44349466        .       +
        .       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44277054        44277673        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44279925        44280066        .       +
        1       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44284112        44284270        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44291213        44291344        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44292937        44293050        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44295964        44296044        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44299095        44299265        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44300829        44300987        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44302051        44302435        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44306314        44306528        .       +
        2       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44307936        44307961        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44311519        44311591        .       +
        1       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44313257        44313506        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44315088        44315151        .       +
        2       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44316628        44316817        .       +
        1       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44319537        44319950        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44322966        44323023        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44328439        44328832        .       +
        2       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44330666        44331123        .       +
        1       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44333313        44333563        .       +
        2       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44335813        44335920        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44338342        44338506        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44340428        44340500        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44341763        44341869        .       +
        2       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44343216        44343288        .       +
        0       Parent=Smp_150300.3
SM_V9_4 Liftoff CDS     44344899        44344945        .       +
        2       Parent=Smp_150300.3
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```
SM_V9_4 Liftoff CDS     44346559        44346618        .       +
        0       Parent=Smp_150300.3
SM_V9_4 iris    gene    44365889        44373845        .       +
        .
ID=Smp_302810;geneID=Smp_302810;gene_name=Smp_302810;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_4 iris    mRNA    44365889        44373845        .       +
        .
ID=Smp_302810.1;Parent=Smp_302810;geneID=Smp_302810;gene_name=Smp_30
2810;owner=irisadmin@local.host;orig_id=Smp_302810.1;date_last_modif
ied=2022-08-15;Name=Smp_302810.1;product=Oligo-1,6-
glucosidase;date_creation=2022-08-15
SM_V9_4 iris    exon    44365889        44366356        .       +
        .       Parent=Smp_302810.1;Name=0ebd1b32-
be6a-42da-91c4-5ed909565d16
SM_V9_4 iris    exon    44366412        44366713        .       +
        .       Parent=Smp_302810.1;Name=0035c8e3-0d94-4732-8001-
ba01c30c578b
SM_V9_4 iris    exon    44366767        44366886        .       +
        .
Parent=Smp_302810.1;Name=d091121e-39e5-402d-82d3-8dea3cacfaa8
SM_V9_4 iris    exon    44366931        44367026        .       +
        .       Parent=Smp_302810.1;Name=78fc0f1e-3e36-4ea0-
b0ac-68057be405ee
SM_V9_4 iris    exon    44367614        44367735        .       +
        .
Parent=Smp_302810.1;Name=258153f0-8408-41db-9ba9-3a90c1efb9f1
SM_V9_4 iris    exon    44368323        44368600        .       +
        .       Parent=Smp_302810.1;Name=8198db03-
e48d-4569-93ff-95537cec31c4
SM_V9_4 iris    exon    44369321        44369556        .       +
        .
Parent=Smp_302810.1;Name=49d05711-34cd-4911-984a-86c4d22a92ef
SM_V9_4 iris    exon    44371071        44371187        .       +
        .       Parent=Smp_302810.1;Name=e4b48e51-a662-4c29-a89e-
f4ca62a64830
SM_V9_4 iris    exon    44373122        44373845        .       +
        .
Parent=Smp_302810.1;Name=9cb1c4fa-8d75-4d3b-9ecc-85c266b387c1
SM_V9_4 iris    CDS     44365918        44366356        .       +
        0       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44366412        44366713        .       +
        2       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44366767        44366886        .       +
        0       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44366931        44367026        .       +
        0       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44367614        44367735        .       +
        0       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44368323        44368600        .       +
        1       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44369321        44369556        .       +
        2       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44371071        44371187        .       +
```

```
        0       Parent=Smp_302810.1
SM_V9_4 iris    CDS     44373122        44373370        .       +
        0       Parent=Smp_302810.1
SM_V9_4 Liftoff gene    44377599        44405044        .       +
        .
ID=Smp_312390;geneID=Smp_312390;previous_systematic_id=Smp_142800
SM_V9_4 Liftoff mRNA    44377599        44405044        .       +
        .
ID=Smp_312390.1;Parent=Smp_312390;geneID=Smp_312390;product=Isocitra
te lyase
SM_V9_4 Liftoff exon    44377599        44399390        .       +
        .       Parent=Smp_312390.1
SM_V9_4 Liftoff exon    44403602        44403721        .       +
        .       Parent=Smp_312390.1
SM_V9_4 Liftoff exon    44404865        44405044        .       +
        .       Parent=Smp_312390.1
SM_V9_4 Liftoff CDS     44399300        44399390        .       +
        0       Parent=Smp_312390.1
SM_V9_4 Liftoff CDS     44403602        44403721        .       +
        2       Parent=Smp_312390.1
SM_V9_4 Liftoff CDS     44404865        44404947        .       +
        2       Parent=Smp_312390.1
SM_V9_4 iris    gene    44407073        44463145        .       -
        .
ID=Smp_142790;geneID=Smp_142790;gene_name=Smp_142790;owner=irisadmin
@local.host;date_last_modified=2022-07-21;date_creation=2022-07-21
SM_V9_4 iris    mRNA    44407073        44463145        .       -
        .
ID=Smp_142790.1;Parent=Smp_142790;geneID=Smp_142790;gene_name=Smp_14
2790;owner=irisadmin@local.host;orig_id=Smp_142790.1;date_last_modif
ied=2022-07-21;Name=Smp_142790.1;product=Guanine nucleotide-binding
protein alpha-7 subunit;date_creation=2022-07-21
SM_V9_4 iris    exon    44407073        44407683        .       -
        .       Parent=Smp_142790.1;Name=8e2f40d7-5904-4955-b671-
fb5875ae9120
SM_V9_4 iris    exon    44411749        44411823        .       -
        .       Parent=Smp_142790.1;Name=c7f26a11-
da3f-4018-95ff-84e5569065d3
SM_V9_4 iris    exon    44413042        44413171        .       -
        .       Parent=Smp_142790.1;Name=b73e1e5b-a4d8-410d-8805-
c1dc8b4efe91
SM_V9_4 iris    exon    44418496        44418624        .       -
        .       Parent=Smp_142790.1;Name=7792e1e2-
e332-4132-994b-95df9c7f1fb1
SM_V9_4 iris    exon    44421481        44421733        .       -
        .
Parent=Smp_142790.1;Name=c0ef8441-784c-416b-84da-6a3280d36ff2
SM_V9_4 iris    exon    44425755        44426883        .       -
        .       Parent=Smp_142790.1;Name=45ec7d54-df0d-424c-9e81-
fe56eaf0b40e
SM_V9_4 iris    exon    44429688        44429872        .       -
        .       Parent=Smp_142790.1;Name=292cf34b-cf2e-49dc-b6f4-
f703a58fb8af
SM_V9_4 iris    exon    44440582        44441312        .       -
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        .
Parent=Smp_142790.1;Name=20ccb595-42f7-441b-88b5-1ae995a83d03
SM_V9_4 iris    exon    44463069        44463145        .       -
        .       Parent=Smp_142790.1;Name=750f8b2f-e470-4500-
b03b-742deaed49ee
SM_V9_4 iris    CDS     44407591        44407683        .       -
        0       Parent=Smp_142790.1
SM_V9_4 iris    CDS     44411749        44411823        .       -
        0       Parent=Smp_142790.1
SM_V9_4 iris    CDS     44413042        44413171        .       -
        1       Parent=Smp_142790.1
SM_V9_4 iris    CDS     44418496        44418624        .       -
        1       Parent=Smp_142790.1
SM_V9_4 iris    CDS     44421481        44421733        .       -
        2       Parent=Smp_142790.1
SM_V9_4 iris    CDS     44425755        44426883        .       -
        0       Parent=Smp_142790.1
SM_V9_4 iris    CDS     44429688        44429872        .       -
        2       Parent=Smp_142790.1
SM_V9_4 iris    CDS     44440582        44440693        .       -
        0       Parent=Smp_142790.1
SM_V9_4 Liftoff gene    44473960        44475935        .       -
        .       ID=Smp_038100;geneID=Smp_038100
SM_V9_4 Liftoff mRNA    44473960        44475935        .       -
        .
ID=Smp_038100.1;Parent=Smp_038100;geneID=Smp_038100;product=ATP
synthase subunit beta,
mitochondrial;polypeptide_domain=InterPro:IPR000194,IPR003593,IPR004
100,IPR005722,IPR020003,IPR024034,IPR027417
Pfam:PF00006,PF02874;Ontology_term=GO:0005524,GO:0015986,GO:0015992,
GO:0045261,GO:0046034,GO:0046933
SM_V9_4 Liftoff exon    44473960        44474245        .       -
        .       Parent=Smp_038100.1
SM_V9_4 Liftoff exon    44474284        44474485        .       -
        .       Parent=Smp_038100.1
SM_V9_4 Liftoff exon    44474521        44475015        .       -
        .       Parent=Smp_038100.1
SM_V9_4 Liftoff exon    44475049        44475233        .       -
        .       Parent=Smp_038100.1
SM_V9_4 Liftoff exon    44475270        44475749        .       -
        .       Parent=Smp_038100.1
SM_V9_4 Liftoff exon    44475788        44475935        .       -
        .       Parent=Smp_038100.1
SM_V9_4 Liftoff CDS     44474148        44474245        .       -
        2       Parent=Smp_038100.1
SM_V9_4 Liftoff CDS     44474284        44474485        .       -
        0       Parent=Smp_038100.1
SM_V9_4 Liftoff CDS     44474521        44475015        .       -
        0       Parent=Smp_038100.1
SM_V9_4 Liftoff CDS     44475049        44475233        .       -
        2       Parent=Smp_038100.1
SM_V9_4 Liftoff CDS     44475270        44475749        .       -
        2       Parent=Smp_038100.1
SM_V9_4 Liftoff CDS     44475788        44475881        .       -
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SM_V9_4 iris    gene    44491099        44523513        .       +
        .
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44491099        44523513        .       +
        .
ID=Smp_142780.1;Parent=Smp_142780;geneID=Smp_142780;gene_name=Smp_14
2780;owner=irisadmin@local.host;orig_id=Smp_142780.2;date_last_modif
ied=2022-07-23;Name=Smp_142780.1;product=Retinoblastoma-binding
protein 5;date_creation=2022-07-23
SM_V9_4 iris    exon    44491099        44491148        .       +
        .
Parent=Smp_142780.1;Name=781740d0-7e87-4358-88ed-3b246b361abc
SM_V9_4 iris    exon    44491191        44491216        .       +
        .       Parent=Smp_142780.1;Name=445feb56-0ea3-499c-8138-
c506aa40dcda
SM_V9_4 iris    exon    44491248        44491456        .       +
        .
Parent=Smp_142780.1;Name=c9658302-2700-4c33-8239-716275d8d95b
SM_V9_4 iris    exon    44491494        44491725        .       +
        .       Parent=Smp_142780.1;Name=3dd0a21e-
f24d-4de0-831b-14a060be7e28
SM_V9_4 iris    exon    44496132        44496203        .       +
        .
Parent=Smp_142780.1;Name=2850e212-1291-42c1-8a9a-95967f47adb7
SM_V9_4 iris    exon    44497472        44497575        .       +
        .       Parent=Smp_142780.1;Name=1b2c63c3-c1b2-46c2-9941-
babacb175329
SM_V9_4 iris    exon    44499787        44499903        .       +
        .       Parent=Smp_142780.1;Name=377c8903-2ca3-4f8f-
ab61-2259e6bbacbf
SM_V9_4 iris    exon    44503179        44503416        .       +
        .       Parent=Smp_142780.1;Name=19fffdb0-ab92-48c2-9105-
f1738f2f55cc
SM_V9_4 iris    exon    44505464        44505581        .       +
        .       Parent=Smp_142780.1;Name=d5497472-
e36c-4dee-9361-150d392ff5e7
SM_V9_4 iris    exon    44511879        44511948        .       +
        .
Parent=Smp_142780.1;Name=c95d002e-2bfb-4794-922c-70945c33bb8f
SM_V9_4 iris    exon    44518820        44519087        .       +
        .       Parent=Smp_142780.1;Name=2bd9bc80-4548-4d34-
bfe4-252e0fd71231
SM_V9_4 iris    exon    44522892        44523513        .       +
        .       Parent=Smp_142780.1;Name=4bdef668-9c0b-409d-82c5-
fa5b92555583
SM_V9_4 iris    CDS     44491130        44491148        .       +
        0       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44491191        44491216        .       +
        2       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44491248        44491456        .       +
        0       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44491494        44491725        .       +
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        1       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44496132        44496203        .       +
        0       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44497472        44497575        .       +
        0       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44499787        44499903        .       +
        1       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44503179        44503416        .       +
        1       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44505464        44505581        .       +
        0       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44511879        44511948        .       +
        2       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44518820        44519087        .       +
        1       Parent=Smp_142780.1
SM_V9_4 iris    CDS     44522892        44523077        .       +
        0       Parent=Smp_142780.1
SM_V9_4 Liftoff gene    44526447        44549875        .       -
        .       ID=Smp_038080;geneID=Smp_038080
SM_V9_4 Liftoff mRNA    44526447        44549875        .       -
        .
ID=Smp_038080.1;Parent=Smp_038080;geneID=Smp_038080;product=Importin
subunit
beta-1;polypeptide_domain=InterPro:IPR000357,IPR001494,IPR011989,IPR
016024,IPR021133
Pfam:PF02985,PF03810,PF13513;Ontology_term=GO:0005488,GO:0005515,GO:
0006886,GO:0008536
SM_V9_4 Liftoff exon    44526447        44528805        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44532611        44532734        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44532838        44532934        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44534224        44534367        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44541752        44542099        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44542668        44543029        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44544095        44544344        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44546765        44547187        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44548843        44548992        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44549028        44549103        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44549139        44549215        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44549248        44549448        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44549483        44549724        .       -
        .       Parent=Smp_038080.1
SM_V9_4 Liftoff exon    44549772        44549875        .       -
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        .       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44528571        44528805        .       -
        1       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44532611        44532734        .       -
        2       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44532838        44532934        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44534224        44534367        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44541752        44542099        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44542668        44543029        .       -
        2       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44544095        44544344        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44546765        44547187        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44548843        44548992        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44549028        44549103        .       -
        1       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44549139        44549215        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44549248        44549448        .       -
        0       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44549483        44549724        .       -
        2       Parent=Smp_038080.1
SM_V9_4 Liftoff CDS     44549772        44549823        .       -
        0       Parent=Smp_038080.1
SM_V9_4 iris    gene    44563258        44594096        .       +
        .
ID=Smp_170630;geneID=Smp_170630;gene_name=Smp_170630;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44563258        44594096        .       +
        .
ID=Smp_170630.1;Parent=Smp_170630;geneID=Smp_170630;gene_name=Smp_17
0630;owner=irisadmin@local.host;orig_id=Smp_170630.1;date_last_modif
ied=2022-07-23;Name=Smp_170630.1;product=Periostin,
putative;date_creation=2022-07-23
SM_V9_4 iris    exon    44563258        44563466        .       +
        .       Parent=Smp_170630.1;Name=f8dab9b0-7d02-4a16-
a169-2a61e861b963
SM_V9_4 iris    exon    44567697        44567960        .       +
        .       Parent=Smp_170630.1;Name=81102549-d6a6-4ee2-
a71b-3ad710b29960
SM_V9_4 iris    exon    44570982        44571105        .       +
        .       Parent=Smp_170630.1;Name=c4bbd654-e3a4-4525-
b5b2-1a29092ee5eb
SM_V9_4 iris    exon    44576824        44576901        .       +
        .       Parent=Smp_170630.1;Name=0c3fdfb6-
e2e8-48c8-90a3-3d08c030cf5c
SM_V9_4 iris    exon    44579782        44579979        .       +
        .       Parent=Smp_170630.1;Name=4005d45f-dbfb-4c39-b85e-
dc9c9836b80a
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SM_V9_4 iris    exon    44582017        44582260        .       +
        .
Parent=Smp_170630.1;Name=9fee132e-7266-47bc-9558-532c6b7bab57
SM_V9_4 iris    exon    44583540        44583689        .       +
        .       Parent=Smp_170630.1;Name=b5c0f332-f5ed-4e16-ad81-
a4eaca21eeac
SM_V9_4 iris    exon    44586596        44586807        .       +
        .       Parent=Smp_170630.1;Name=7327467a-043f-4de6-8279-
e73461ad86e6
SM_V9_4 iris    exon    44588772        44588908        .       +
        .       Parent=Smp_170630.1;Name=07891251-9849-456d-
acd1-7bb7b734e9f8
SM_V9_4 iris    exon    44590693        44590837        .       +
        .       Parent=Smp_170630.1;Name=7eedb12f-10fe-4361-
b854-91b190386df7
SM_V9_4 iris    exon    44592265        44592453        .       +
        .
Parent=Smp_170630.1;Name=8a7f14df-1741-46a6-8b11-380f81210aca
SM_V9_4 iris    exon    44593889        44594096        .       +
        .       Parent=Smp_170630.1;Name=bdbaa9ec-0ce5-4f0e-
b600-2b32c0b031cd
SM_V9_4 iris    CDS     44563294        44563466        .       +
        0       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44567697        44567960        .       +
        1       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44570982        44571105        .       +
        1       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44576824        44576901        .       +
        0       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44579782        44579979        .       +
        0       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44582017        44582260        .       +
        0       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44583540        44583689        .       +
        2       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44586596        44586807        .       +
        2       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44588772        44588908        .       +
        0       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44590693        44590837        .       +
        1       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44592265        44592453        .       +
        0       Parent=Smp_170630.1
SM_V9_4 iris    CDS     44593889        44593978        .       +
        0       Parent=Smp_170630.1
SM_V9_4 iris    gene    44601421        44627083        .       +
        .
ID=Smp_088990;geneID=Smp_088990;gene_name=Smp_088990;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44601421        44627083        .       +
        .
ID=Smp_088990.1;Parent=Smp_088990;geneID=Smp_088990;gene_name=Smp_08
8990;owner=irisadmin@local.host;orig_id=Smp_088990.1;date_last_modif
ied=2022-07-23;Name=Smp_088990.1;product=E3 ubiquitin-protein ligase
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RNF14;date_creation=2022-07-23
SM_V9_4 iris    exon    44601421        44601533        .       +
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fef81ff951e1
SM_V9_4 iris    exon    44606932        44607812        .       +
        .       Parent=Smp_088990.1;Name=426cbf45-858c-4de5-a487-
a0c2ded90d02
SM_V9_4 iris    exon    44611474        44611708        .       +
        .       Parent=Smp_088990.1;Name=e18e1968-707d-40f6-8c2b-
dc967639211c
SM_V9_4 iris    exon    44616513        44616631        .       +
        .       Parent=Smp_088990.1;Name=bd2aefef-7b9c-41c1-886b-
a7b0827c4c7f
SM_V9_4 iris    exon    44626206        44627083        .       +
        .       Parent=Smp_088990.1;Name=aa07ab79-c836-442d-
a4d8-815e34fb6181
SM_V9_4 iris    CDS     44606991        44607812        .       +
        0       Parent=Smp_088990.1
SM_V9_4 iris    CDS     44611474        44611708        .       +
        0       Parent=Smp_088990.1
SM_V9_4 iris    CDS     44616513        44616631        .       +
        2       Parent=Smp_088990.1
SM_V9_4 iris    CDS     44626206        44626367        .       +
        0       Parent=Smp_088990.1
SM_V9_4 Liftoff gene    44631043        44643205        .       -
        .
ID=Smp_334440;geneID=Smp_334440;previous_systematic_id=Smp_170640,Sm
p_170650
SM_V9_4 Liftoff mRNA    44631043        44643205        .       -
        .
ID=Smp_334440.1;Parent=Smp_334440;geneID=Smp_334440;product=Microsom
al triglyceride transfer protein large subunit (Fragment)
SM_V9_4 Liftoff exon    44631043        44632558        .       -
        .       Parent=Smp_334440.1
SM_V9_4 Liftoff exon    44642431        44643205        .       -
        .       Parent=Smp_334440.1
SM_V9_4 Liftoff CDS     44631524        44632558        .       -
        0       Parent=Smp_334440.1
SM_V9_4 Liftoff CDS     44642431        44642685        .       -
        0       Parent=Smp_334440.1
SM_V9_4 Liftoff mRNA    44631043        44643205        .       -
        .
ID=Smp_334440.2;Parent=Smp_334440;geneID=Smp_334440;product=Microsom
al triglyceride transfer protein large subunit (Fragment)
SM_V9_4 Liftoff exon    44631043        44632558        .       -
        .       Parent=Smp_334440.2
SM_V9_4 Liftoff exon    44633579        44634349        .       -
        .       Parent=Smp_334440.2
SM_V9_4 Liftoff exon    44642431        44643205        .       -
        .       Parent=Smp_334440.2
SM_V9_4 Liftoff CDS     44631524        44632558        .       -
        0       Parent=Smp_334440.2
SM_V9_4 Liftoff CDS     44633579        44634349        .       -
        0       Parent=Smp_334440.2
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SM_V9_4 Liftoff CDS     44642431        44642685        .       -
        0       Parent=Smp_334440.2
SM_V9_4 Liftoff gene    44656921        44657715        .       -
        .       ID=Smp_089000;geneID=Smp_089000
SM_V9_4 Liftoff mRNA    44656921        44657715        .       -
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ID=Smp_089000.1;Parent=Smp_089000;geneID=Smp_089000;product=Transloc
on-associated protein subunit
delta;polypeptide_domain=InterPro:IPR008855
Pfam:PF05404;Ontology_term=GO:0005783,GO:0016021
SM_V9_4 Liftoff exon    44656921        44657128        .       -
        .       Parent=Smp_089000.1
SM_V9_4 Liftoff exon    44657163        44657315        .       -
        .       Parent=Smp_089000.1
SM_V9_4 Liftoff exon    44657362        44657436        .       -
        .       Parent=Smp_089000.1
SM_V9_4 Liftoff exon    44657471        44657586        .       -
        .       Parent=Smp_089000.1
SM_V9_4 Liftoff exon    44657631        44657715        .       -
        .       Parent=Smp_089000.1
SM_V9_4 Liftoff CDS     44657030        44657128        .       -
        0       Parent=Smp_089000.1
SM_V9_4 Liftoff CDS     44657163        44657315        .       -
        0       Parent=Smp_089000.1
SM_V9_4 Liftoff CDS     44657362        44657436        .       -
        0       Parent=Smp_089000.1
SM_V9_4 Liftoff CDS     44657471        44657586        .       -
        2       Parent=Smp_089000.1
SM_V9_4 Liftoff CDS     44657631        44657676        .       -
        0       Parent=Smp_089000.1
SM_V9_4 iris    gene    44671809        44747655        .       -
        .
ID=Smp_247310;geneID=Smp_247310;gene_name=Smp_247310;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44671809        44747655        .       -
        .
ID=Smp_247310.1;Parent=Smp_247310;geneID=Smp_247310;gene_name=Smp_24
7310;owner=irisadmin@local.host;orig_id=Smp_247310.1;date_last_modif
ied=2022-07-23;Name=Smp_247310.1;product=Hypothetical
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    44671809        44675408        .       -
        .       Parent=Smp_247310.1;Name=206543d9-0458-4d09-ab3e-
bc735f055522
SM_V9_4 iris    exon    44677108        44678086        .       -
        .       Parent=Smp_247310.1;Name=3a6ee8c9-
eeac-45d7-8334-80acbc98fe4f
SM_V9_4 iris    exon    44680270        44681163        .       -
        .       Parent=Smp_247310.1;Name=c2c7aa45-83ef-4017-
a97a-97e914575cb0
SM_V9_4 iris    exon    44703652        44704778        .       -
        .
Parent=Smp_247310.1;Name=87aed244-0131-427b-85b9-4c6694f832f1
SM_V9_4 iris    exon    44706089        44706814        .       -
        .
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Parent=Smp_247310.1;Name=ae2c83f4-6749-48d4-8421-4bebfedb746d
SM_V9_4 iris    exon    44712997        44713677        .       -
        .       Parent=Smp_247310.1;Name=1f6c7e20-da26-454c-
b16b-335374999098
SM_V9_4 iris    exon    44721859        44722464        .       -
        .       Parent=Smp_247310.1;Name=cf4a7fa2-2b23-4a0d-9957-
cd9be8859013
SM_V9_4 iris    exon    44726193        44726709        .       -
        .
Parent=Smp_247310.1;Name=c53810b0-8f65-4d8b-9db6-9bee2a72fedf
SM_V9_4 iris    exon    44741641        44741774        .       -
        .       Parent=Smp_247310.1;Name=f874c5dd-
e117-4abf-8f55-9fad5e9f3135
SM_V9_4 iris    exon    44747529        44747655        .       -
        .       Parent=Smp_247310.1;Name=91147c5c-187f-478c-
a188-8c79c9c7e457
SM_V9_4 iris    CDS     44674234        44675408        .       -
        2       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44677108        44678086        .       -
        0       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44680270        44681163        .       -
        0       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44703652        44704778        .       -
        2       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44706089        44706814        .       -
        2       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44712997        44713677        .       -
        2       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44721859        44722464        .       -
        2       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44726193        44726709        .       -
        0       Parent=Smp_247310.1
SM_V9_4 iris    CDS     44741641        44741769        .       -
        0       Parent=Smp_247310.1
SM_V9_4 iris    gene    44758195        44773100        .       -
        .
ID=Smp_170690;geneID=Smp_170690;gene_name=Smp_170690;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44758195        44773100        .       -
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ID=Smp_170690.1;Parent=Smp_170690;geneID=Smp_170690;gene_name=Smp_17
0690;owner=irisadmin@local.host;orig_id=Smp_170690.2;date_last_modif
ied=2022-07-23;Name=Smp_170690.1;product=Proline dehydrogenase 1,
mitochondrial;date_creation=2022-07-23
SM_V9_4 iris    exon    44758195        44758963        .       -
        .       Parent=Smp_170690.1;Name=45cccc49-d3fb-47c6-
b917-69e52f455f02
SM_V9_4 iris    exon    44760152        44760240        .       -
        .       Parent=Smp_170690.1;Name=aa853126-86a0-4cb5-866c-
bdcefe39d816
SM_V9_4 iris    exon    44763783        44763967        .       -
        .       Parent=Smp_170690.1;Name=93484a17-9924-46f6-
b466-23ac079be6d2
SM_V9_4 iris    exon    44766281        44766376        .       -
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        .       Parent=Smp_170690.1;Name=74760bf8-5846-428f-af05-
cf491845872a
SM_V9_4 iris    exon    44768545        44768691        .       -
        .       Parent=Smp_170690.1;Name=cfd1106d-
f857-4ed4-988e-447710deebda
SM_V9_4 iris    exon    44770282        44770374        .       -
        .       Parent=Smp_170690.1;Name=e2d40d76-2129-440f-
bd20-8867d3514500
SM_V9_4 iris    exon    44770840        44770921        .       -
        .       Parent=Smp_170690.1;Name=cf28373a-d9db-4543-
b9f9-43cee85bd46c
SM_V9_4 iris    exon    44770955        44771148        .       -
        .       Parent=Smp_170690.1;Name=062b203f-a114-4f8b-
be51-02e9a0d062d7
SM_V9_4 iris    exon    44771181        44771436        .       -
        .       Parent=Smp_170690.1;Name=f9d2ad88-f65a-4e8a-b3be-
cde5d54f2ad8
SM_V9_4 iris    exon    44772508        44772713        .       -
        .       Parent=Smp_170690.1;Name=8c176f54-270e-4b62-
addb-064bdf5a747e
SM_V9_4 iris    exon    44772744        44772874        .       -
        .       Parent=Smp_170690.1;Name=39d698a2-1f25-483b-b878-
d608c9239b88
SM_V9_4 iris    exon    44772907        44773100        .       -
        .       Parent=Smp_170690.1;Name=4460427f-69b2-4863-
a829-728a5814f456
SM_V9_4 iris    CDS     44758779        44758963        .       -
        2       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44760152        44760240        .       -
        1       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44763783        44763967        .       -
        0       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44766281        44766376        .       -
        0       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44768545        44768691        .       -
        0       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44770282        44770374        .       -
        0       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44770840        44770921        .       -
        1       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44770955        44771148        .       -
        0       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44771181        44771436        .       -
        1       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44772508        44772713        .       -
        0       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44772744        44772874        .       -
        2       Parent=Smp_170690.1
SM_V9_4 iris    CDS     44772907        44773060        .       -
        0       Parent=Smp_170690.1
SM_V9_4 iris    gene    44781072        44860750        .       +
        .
ID=Smp_170700;geneID=Smp_170700;gene_name=Smp_170700;owner=irisadmin
@local.host;date_last_modified=2022-08-25;date_creation=2022-08-25
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SM_V9_4 iris    mRNA    44781072        44860750        .       +
       .
ID=Smp_170700.1;Parent=Smp_170700;geneID=Smp_170700;gene_name=Smp_17
0700;owner=irisadmin@local.host;orig_id=Smp_170700.1;date_last_modif
ied=2022-08-25;Name=Smp_170700.1;product=Cilia- and flagella-
associated protein 44;date_creation=2022-08-25
SM_V9_4 iris    exon    44781072        44781157        .       +
       .       Parent=Smp_170700.1;Name=d9090301-
b364-4a79-8370-971be7bf1600
SM_V9_4 iris    exon    44787923        44788034        .       +
       .       Parent=Smp_170700.1;Name=5ed9ac53-
ab27-42ed-9e32-7ea2cf961675
SM_V9_4 iris    exon    44788081        44788702        .       +
       .       Parent=Smp_170700.1;Name=a7217a5a-50b7-4322-ab09-
aff47b3deb5d
SM_V9_4 iris    exon    44794234        44794693        .       +
       .       Parent=Smp_170700.1;Name=340a02c5-
fb24-499e-96af-6d04a7aa5cb0
SM_V9_4 iris    exon    44796389        44796544        .       +
       .       Parent=Smp_170700.1;Name=4e0bfebe-b2b5-4820-b7df-
e63b2abdc992
SM_V9_4 iris    exon    44797686        44797833        .       +
       .       Parent=Smp_170700.1;Name=139aafba-
b071-4866-83c7-71fa944f1cd0
SM_V9_4 iris    exon    44801771        44801865        .       +
       .       Parent=Smp_170700.1;Name=074a32fb-0da0-4176-
ab22-2a3027a1eac4
SM_V9_4 iris    exon    44804265        44804465        .       +
       .       Parent=Smp_170700.1;Name=661a2f27-8d7e-471f-
bc47-1e0c6f938bde
SM_V9_4 iris    exon    44806454        44806618        .       +
       .       Parent=Smp_170700.1;Name=bbf51a3c-7ca0-481e-
a162-77fad73976b1
SM_V9_4 iris    exon    44810631        44810868        .       +
       .       Parent=Smp_170700.1;Name=a907bfe0-fdb7-451c-8f0e-
a156746eb23f
SM_V9_4 iris    exon    44816312        44816442        .       +
       .       Parent=Smp_170700.1;Name=f7fbad90-edaf-416a-
b117-4e7acf17085d
SM_V9_4 iris    exon    44818836        44819317        .       +
       .       Parent=Smp_170700.1;Name=0e551b4e-47cd-43ea-
b9e6-25c084d88e92
SM_V9_4 iris    exon    44820741        44820852        .       +
       .       Parent=Smp_170700.1;Name=3324f41b-15c7-417a-
bbbf-5a2b80d209cf
SM_V9_4 iris    exon    44823691        44823900        .       +
       .       Parent=Smp_170700.1;Name=bec51e17-a40b-4e2b-a285-
d197a369b9ae
SM_V9_4 iris    exon    44826692        44826822        .       +
       .       Parent=Smp_170700.1;Name=21084a19-0f16-4157-9edc-
bd92dcac94ea
SM_V9_4 iris    exon    44828838        44829025        .       +
       .       Parent=Smp_170700.1;Name=182808dc-
ce22-43d0-93d2-539bfaf51c2d
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SM_V9_4 iris    exon    44831008        44831162        .       +
        .       Parent=Smp_170700.1;Name=ef400763-82e2-4944-8e72-
a4d5a9ad6d99
SM_V9_4 iris    exon    44831876        44832064        .       +
        .       Parent=Smp_170700.1;Name=77069cf3-9f7e-4f6f-
ad73-040f318e2fdf
SM_V9_4 iris    exon    44833833        44834017        .       +
        .       Parent=Smp_170700.1;Name=262744aa-
b218-4a80-9750-4997fa0ec41d
SM_V9_4 iris    exon    44835069        44835171        .       +
        .       Parent=Smp_170700.1;Name=4fb839d2-2fa4-45a6-83e5-
bd67e562af1b
SM_V9_4 iris    exon    44837313        44837731        .       +
        .
Parent=Smp_170700.1;Name=569e53bf-8e71-4ffd-95b5-479812ec1802
SM_V9_4 iris    exon    44838709        44839045        .       +
        .       Parent=Smp_170700.1;Name=aaf8ca00-0b07-454f-8785-
e477184b6ac7
SM_V9_4 iris    exon    44840725        44840908        .       +
        .
Parent=Smp_170700.1;Name=d1bf897a-5752-4ed3-83ef-8bd021c15dc0
SM_V9_4 iris    exon    44843538        44843854        .       +
        .       Parent=Smp_170700.1;Name=a37aaf5d-5546-4ad1-b99f-
d8b08e530d96
SM_V9_4 iris    exon    44849496        44849744        .       +
        .
Parent=Smp_170700.1;Name=79e31239-2d80-4644-8da9-7b5dcf818fd6
SM_V9_4 iris    exon    44852073        44852246        .       +
        .
Parent=Smp_170700.1;Name=aca5106e-5c9f-41be-9bc0-8713713035f3
SM_V9_4 iris    exon    44858087        44858221        .       +
        .       Parent=Smp_170700.1;Name=a047814c-152d-4464-b65d-
a945371c3ccf
SM_V9_4 iris    exon    44860401        44860750        .       +
        .       Parent=Smp_170700.1;Name=c04555c1-aeae-4310-a29e-
ff76d56403f7
SM_V9_4 iris    CDS     44787950        44788034        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44788081        44788702        .       +
        2       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44794234        44794693        .       +
        1       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44796389        44796544        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44797686        44797833        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44801771        44801865        .       +
        2       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44804265        44804465        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44806454        44806618        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44810631        44810868        .       +
        0       Parent=Smp_170700.1
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SM_V9_4 iris    CDS     44816312        44816442        .       +
        2       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44818836        44819317        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44820741        44820852        .       +
        1       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44823691        44823900        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44826692        44826822        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44828838        44829025        .       +
        1       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44831008        44831162        .       +
        2       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44831876        44832064        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44833833        44834017        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44835069        44835171        .       +
        1       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44837313        44837731        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44838709        44839045        .       +
        1       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44840725        44840908        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44843538        44843854        .       +
        2       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44849496        44849744        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44852073        44852246        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44858087        44858221        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    CDS     44860401        44860529        .       +
        0       Parent=Smp_170700.1
SM_V9_4 iris    gene    44866230        44867278        .       -
        .
ID=Smp_089050;geneID=Smp_089050;gene_name=Smp_089050;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44866230        44867278        .       -
        .
ID=Smp_089050.1;Parent=Smp_089050;geneID=Smp_089050;gene_name=Smp_08
9050;owner=irisadmin@local.host;orig_id=Smp_089050.1;date_last_modif
ied=2022-07-23;Name=Smp_089050.1;product=Zinc finger matrin-type
protein 5;date_creation=2022-07-23
SM_V9_4 iris    exon    44866230        44866846        .       -
        .
Parent=Smp_089050.1;Name=6477aae0-14b8-4bb0-9973-34f5b54ed06a
SM_V9_4 iris    exon    44866887        44866964        .       -
        .       Parent=Smp_089050.1;Name=25619755-
d60b-4f0b-9d04-0903c30bb6b4
SM_V9_4 iris    exon    44867020        44867082        .       -
        .       Parent=Smp_089050.1;Name=bfd95b50-cbaf-44d2-a540-
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d2d45cbbcdd8
SM_V9_4 iris    exon    44867123        44867278        .       -
        .       Parent=Smp_089050.1;Name=9ce12c70-a727-4d04-
b6a2-4f0a7ae59bd1
SM_V9_4 iris    CDS     44866653        44866846        .       -
        2       Parent=Smp_089050.1
SM_V9_4 iris    CDS     44866887        44866964        .       -
        2       Parent=Smp_089050.1
SM_V9_4 iris    CDS     44867020        44867082        .       -
        2       Parent=Smp_089050.1
SM_V9_4 iris    CDS     44867123        44867249        .       -
        0       Parent=Smp_089050.1
SM_V9_4 Liftoff gene    44868119        44875538        .       -
        .
ID=Smp_089060;geneID=Smp_089060;previous_systematic_id=Smp_170720
SM_V9_4 Liftoff mRNA    44868119        44875538        .       -
        .
ID=Smp_089060.1;Parent=Smp_089060;geneID=Smp_089060;product=Eukaryot
ic translation initiation factor
4H;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    44868119        44868702        .       -
        .       Parent=Smp_089060.1
SM_V9_4 Liftoff exon    44869063        44869354        .       -
        .       Parent=Smp_089060.1
SM_V9_4 Liftoff exon    44874104        44874235        .       -
        .       Parent=Smp_089060.1
SM_V9_4 Liftoff exon    44875085        44875139        .       -
        .       Parent=Smp_089060.1
SM_V9_4 Liftoff exon    44875176        44875289        .       -
        .       Parent=Smp_089060.1
SM_V9_4 Liftoff exon    44875327        44875411        .       -
        .       Parent=Smp_089060.1
SM_V9_4 Liftoff exon    44875487        44875538        .       -
        .       Parent=Smp_089060.1
SM_V9_4 Liftoff CDS     44868663        44868702        .       -
        1       Parent=Smp_089060.1
SM_V9_4 Liftoff CDS     44869063        44869354        .       -
        2       Parent=Smp_089060.1
SM_V9_4 Liftoff CDS     44874104        44874235        .       -
        2       Parent=Smp_089060.1
SM_V9_4 Liftoff CDS     44875085        44875139        .       -
        0       Parent=Smp_089060.1
SM_V9_4 Liftoff CDS     44875176        44875289        .       -
        0       Parent=Smp_089060.1
SM_V9_4 Liftoff CDS     44875327        44875411        .       -
        1       Parent=Smp_089060.1
SM_V9_4 Liftoff CDS     44875487        44875497        .       -
        0       Parent=Smp_089060.1
SM_V9_4 iris    gene    44891881        44899084        .       -
        .
ID=Smp_212930;geneID=Smp_212930;gene_name=Smp_212930;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44891881        44899084        .       -
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ID=Smp_212930.1;Parent=Smp_212930;geneID=Smp_212930;gene_name=Smp_21
2930;owner=irisadmin@local.host;orig_id=Smp_212930.1;date_last_modif
ied=2022-07-23;Name=Smp_212930.1;product=Probable cyclin-
H;date_creation=2022-07-23
SM_V9_4 iris    exon    44891881        44892560        .       -
        .
Parent=Smp_212930.1;Name=fb958a75-908b-4401-95cd-491c3ff9a7e3
SM_V9_4 iris    exon    44894925        44895215        .       -
        .       Parent=Smp_212930.1;Name=70cad6cf-b4c6-40ae-b1db-
a40a593e6b53
SM_V9_4 iris    exon    44898821        44899084        .       -
        .
Parent=Smp_212930.1;Name=dd5c0f02-4bdf-4654-91ea-4a7973e343fc
SM_V9_4 iris    CDS     44892033        44892560        .       -
        0       Parent=Smp_212930.1
SM_V9_4 iris    CDS     44894925        44895215        .       -
        0       Parent=Smp_212930.1
SM_V9_4 iris    CDS     44898821        44899084        .       -
        0       Parent=Smp_212930.1
SM_V9_4 iris    gene    44902983        44907876        .       -
        .
ID=Smp_212920;geneID=Smp_212920;gene_name=Smp_212920;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44902983        44907876        .       -
        .
ID=Smp_212920.1;Parent=Smp_212920;geneID=Smp_212920;gene_name=Smp_21
2920;owner=irisadmin@local.host;orig_id=Smp_212920.1;date_last_modif
ied=2022-07-23;Name=Smp_212920.1;product=Proteasome subunit alpha
type-1;date_creation=2022-07-23
SM_V9_4 iris    exon    44902983        44903291        .       -
        .       Parent=Smp_212920.1;Name=3d020b88-a278-4197-8d08-
a6231dc94764
SM_V9_4 iris    exon    44905897        44906079        .       -
        .       Parent=Smp_212920.1;Name=9b96787e-eb87-4fae-
b728-14d3a7fe229d
SM_V9_4 iris    exon    44907385        44907876        .       -
        .       Parent=Smp_212920.1;Name=4e9a7ddd-b6ac-4042-b69f-
c5368a21e2b7
SM_V9_4 iris    CDS     44903124        44903291        .       -
        0       Parent=Smp_212920.1
SM_V9_4 iris    CDS     44905897        44906079        .       -
        0       Parent=Smp_212920.1
SM_V9_4 iris    CDS     44907385        44907825        .       -
        0       Parent=Smp_212920.1
SM_V9_4 iris    gene    44911241        44912177        .       -
        .
ID=Smp_247320;geneID=Smp_247320;gene_name=Smp_247320;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    44911241        44912177        .       -
        .
ID=Smp_247320.1;Parent=Smp_247320;geneID=Smp_247320;gene_name=Smp_24
7320;owner=irisadmin@local.host;orig_id=Smp_247320.1;date_last_modif
ied=2022-07-23;Name=Smp_247320.1;product=Phosphomethylpyrimidine
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synthase;date_creation=2022-07-23
SM_V9_4 iris    exon    44911241        44911438        .       -
        .       Parent=Smp_247320.1;Name=f97576fa-ad7f-45c0-8ad1-
e5246f806e6d
SM_V9_4 iris    exon    44911517        44911546        .       -
        .       Parent=Smp_247320.1;Name=fedc0005-3f3e-4340-ad29-
d9b48fe07ff4
SM_V9_4 iris    exon    44911592        44911728        .       -
        .       Parent=Smp_247320.1;Name=521450ea-962c-48c1-8d30-
ab6dad0d62a9
SM_V9_4 iris    exon    44911758        44911917        .       -
        .
Parent=Smp_247320.1;Name=382dc176-98f6-49dd-8585-96536446cf7e
SM_V9_4 iris    exon    44911960        44912177        .       -
        .       Parent=Smp_247320.1;Name=15a7e7ab-4d81-47c0-
b631-16f50a539df0
SM_V9_4 iris    CDS     44911409        44911438        .       -
        0       Parent=Smp_247320.1
SM_V9_4 iris    CDS     44911517        44911546        .       -
        0       Parent=Smp_247320.1
SM_V9_4 iris    CDS     44911592        44911728        .       -
        2       Parent=Smp_247320.1
SM_V9_4 iris    CDS     44911758        44911917        .       -
        0       Parent=Smp_247320.1
SM_V9_4 iris    CDS     44911960        44912109        .       -
        0       Parent=Smp_247320.1
SM_V9_4 iris    gene    44916378        44918165        .       +
        .
ID=Smp_350200;geneID=Smp_350200;gene_name=Smp_350200;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_4 iris    mRNA    44916378        44918164        .       +
        .
ID=Smp_350200.1;Parent=Smp_350200;geneID=Smp_350200;gene_name=Smp_35
0200;owner=irisadmin@local.host;date_last_modified=2022-08-24;Name=S
mp_350200.1;date_creation=2022-08-24
SM_V9_4 iris    exon    44916378        44916562        .       +
        .       Parent=Smp_350200.1;Name=ab983041-cb1a-4512-
bc79-289918d7f072
SM_V9_4 iris    exon    44916617        44916806        .       +
        .       Parent=Smp_350200.1;Name=Smp_350200.1-CDS
SM_V9_4 iris    exon    44916848        44916951        .       +
        .       Parent=Smp_350200.1;Name=02fb71d5-ad9b-4837-
af0a-44cb2d2f88d6
SM_V9_4 iris    exon    44916983        44917120        .       +
        .       Parent=Smp_350200.1;Name=68688a15-dfdb-4c29-8689-
b9892704ea74
SM_V9_4 iris    exon    44917157        44917213        .       +
        .       Parent=Smp_350200.1;Name=1ed250e1-6837-4503-
ab3b-2c0eb55abe9c
SM_V9_4 iris    exon    44917249        44917462        .       +
        .
Parent=Smp_350200.1;Name=627620be-26aa-449e-832c-0ffa37152492
SM_V9_4 iris    exon    44917505        44917664        .       +
        .       Parent=Smp_350200.1;Name=eef06978-bfe0-4c98-a522-
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adb47fc32ad5
SM_V9_4 iris    exon    44917694        44917830        .       +
        .       Parent=Smp_350200.1;Name=540d1eaf-456c-4a21-
a937-31b25e24b496
SM_V9_4 iris    exon    44917984        44918164        .       +
        .       Parent=Smp_350200.1;Name=7feda47b-
f15a-4ced-9b74-63ad1d4d0a58
SM_V9_4 iris    CDS     44916759        44916806        .       +
        0       Parent=Smp_350200.1
SM_V9_4 iris    CDS     44916848        44916951        .       +
        0       Parent=Smp_350200.1
SM_V9_4 iris    CDS     44916983        44917120        .       +
        1       Parent=Smp_350200.1
SM_V9_4 iris    CDS     44917157        44917213        .       +
        1       Parent=Smp_350200.1
SM_V9_4 iris    CDS     44917249        44917462        .       +
        1       Parent=Smp_350200.1
SM_V9_4 iris    CDS     44917505        44917664        .       +
        0       Parent=Smp_350200.1
SM_V9_4 iris    CDS     44917694        44917830        .       +
        2       Parent=Smp_350200.1
SM_V9_4 iris    CDS     44917984        44918013        .       +
        0       Parent=Smp_350200.1
SM_V9_4 Liftoff gene    44933163        44947572        .       -
        .       ID=Smp_170740;geneID=Smp_170740
SM_V9_4 Liftoff mRNA    44933163        44947572        .       -
        .
ID=Smp_170740.1;Parent=Smp_170740;geneID=Smp_170740;product=npp-47;e
vidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_4 Liftoff exon    44933163        44933523        .       -
        .       Parent=Smp_170740.1
SM_V9_4 Liftoff exon    44947524        44947572        .       -
        .       Parent=Smp_170740.1
SM_V9_4 Liftoff CDS     44933301        44933523        .       -
        1       Parent=Smp_170740.1
SM_V9_4 Liftoff CDS     44947524        44947525        .       -
        0       Parent=Smp_170740.1
SM_V9_4 iris    gene    44982837        45010285        .       +
        .
ID=Smp_089100;geneID=Smp_089100;gene_name=Smp_089100;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_4 iris    mRNA    44982837        45010285        .       +
        .
ID=Smp_089100.1;Parent=Smp_089100;geneID=Smp_089100;gene_name=Smp_08
9100;owner=irisadmin@local.host;orig_id=Smp_089100.1;date_last_modif
ied=2022-08-18;Name=Smp_089100.1;product=Gamma-glutamyltransferase
7;date_creation=2022-08-18
SM_V9_4 iris    exon    44982837        44983003        .       +
        .       Parent=Smp_089100.1;Name=0bd053a8-dc25-4a09-8b3d-
a9e81f1eb3ef
SM_V9_4 iris    exon    44985508        44985825        .       +
        .
Parent=Smp_089100.1;Name=c914e559-333e-4b52-948f-25f0108f683f
SM_V9_4 iris    exon    44985864        44986008        .       +
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        .       Parent=Smp_089100.1;Name=22d49934-
c46f-4380-8122-299056a780ce
SM_V9_4 iris    exon    44988272        44988519        .       +
        .       Parent=Smp_089100.1;Name=f9c237d9-e3dd-4838-
b142-29b2e957f752
SM_V9_4 iris    exon    44992901        44993188        .       +
        .       Parent=Smp_089100.1;Name=2da08763-98ff-4152-88bc-
e623659c7821
SM_V9_4 iris    exon    44996509        44996746        .       +
        .       Parent=Smp_089100.1;Name=ad894507-a078-45f5-
a66c-71cdfeae2529
SM_V9_4 iris    exon    45001980        45002107        .       +
        .       Parent=Smp_089100.1;Name=f290c142-2917-4676-baeb-
e5cbdacbf803
SM_V9_4 iris    exon    45005813        45006112        .       +
        .
Parent=Smp_089100.1;Name=feef4502-1b19-4da9-82ee-1b48a9a9ad09
SM_V9_4 iris    exon    45009387        45010285        .       +
        .       Parent=Smp_089100.1;Name=884d1e31-89af-4400-
b0cc-8f625395f4f0
SM_V9_4 iris    CDS     44985565        44985825        .       +
        0       Parent=Smp_089100.1
SM_V9_4 iris    CDS     44985864        44986008        .       +
        0       Parent=Smp_089100.1
SM_V9_4 iris    CDS     44988272        44988519        .       +
        2       Parent=Smp_089100.1
SM_V9_4 iris    CDS     44992901        44993188        .       +
        0       Parent=Smp_089100.1
SM_V9_4 iris    CDS     44996509        44996746        .       +
        0       Parent=Smp_089100.1
SM_V9_4 iris    CDS     45001980        45002107        .       +
        2       Parent=Smp_089100.1
SM_V9_4 iris    CDS     45005813        45006112        .       +
        0       Parent=Smp_089100.1
SM_V9_4 iris    CDS     45009387        45009824        .       +
        0       Parent=Smp_089100.1
SM_V9_4 iris    gene    45062072        45094659        .       +
        .
ID=Smp_345980;geneID=Smp_345980;gene_name=Smp_345980;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-23
SM_V9_4 iris    mRNA    45062072        45094659        .       +
        .
ID=Smp_345980.1;Parent=Smp_345980;geneID=Smp_345980;gene_name=Smp_34
5980;owner=irisadmin@local.host;orig_id=Smp_345980.2;date_last_modif
ied=2022-08-18;Name=Smp_345980.1;product=Hypothetical
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    45062072        45062773        .       +
        .
Parent=Smp_345980.1;Name=b1d93753-590d-4683-86b1-795c3d5c8841
SM_V9_4 iris    exon    45069697        45069771        .       +
        .       Parent=Smp_345980.1;Name=23053a2e-5344-45ab-
bcef-8656572bb433
SM_V9_4 iris    exon    45072643        45072989        .       +
        .       Parent=Smp_345980.1;Name=1034a377-cec6-4dc6-
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ad56-9fae0540c1cb
SM_V9_4 iris    exon    45085360        45086728        .       +
        .       Parent=Smp_345980.1;Name=edd0beaf-bd21-492f-af78-
f12f6c88a7d4
SM_V9_4 iris    exon    45088671        45088973        .       +
        .       Parent=Smp_345980.1;Name=5f447957-
ff01-4803-9ed0-8b2cc627ea98
SM_V9_4 iris    exon    45089215        45089265        .       +
        .       Parent=Smp_345980.1;Name=2b2f67fd-bd95-44e8-bc3b-
caad16ac2c59
SM_V9_4 iris    exon    45090949        45091394        .       +
        .       Parent=Smp_345980.1;Name=20e6164b-9279-4fb0-
b691-6a8ed1164862
SM_V9_4 iris    exon    45092890        45094659        .       +
        .       Parent=Smp_345980.1;Name=15476d1f-cd74-474b-9b46-
da338f6cdba3
SM_V9_4 iris    CDS     45062656        45062773        .       +
        0       Parent=Smp_345980.1
SM_V9_4 iris    CDS     45069697        45069771        .       +
        2       Parent=Smp_345980.1
SM_V9_4 iris    CDS     45072643        45072989        .       +
        2       Parent=Smp_345980.1
SM_V9_4 iris    CDS     45085360        45086728        .       +
        0       Parent=Smp_345980.1
SM_V9_4 iris    CDS     45088671        45088973        .       +
        2       Parent=Smp_345980.1
SM_V9_4 iris    CDS     45089215        45089265        .       +
        2       Parent=Smp_345980.1
SM_V9_4 iris    CDS     45090949        45091394        .       +
        2       Parent=Smp_345980.1
SM_V9_4 iris    CDS     45092890        45094218        .       +
        0       Parent=Smp_345980.1
SM_V9_4 iris    gene    45129062        45131552        .       +
        .
ID=Smp_090150;geneID=Smp_090150;gene_name=Smp_090150;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    45129062        45131552        .       +
        .
ID=Smp_090150.1;Parent=Smp_090150;geneID=Smp_090150;gene_name=Smp_09
0150;owner=irisadmin@local.host;orig_id=Smp_090150.1;date_last_modif
ied=2022-07-23;Name=Smp_090150.1;product=Alpha-
endosulfine;date_creation=2022-07-23
SM_V9_4 iris    exon    45129062        45129129        .       +
        .       Parent=Smp_090150.1;Name=66165606-c16c-46a1-
b71b-88af853d9585
SM_V9_4 iris    exon    45129166        45129279        .       +
        .       Parent=Smp_090150.1;Name=5bfdf596-5556-4ceb-881e-
bef62badd6ba
SM_V9_4 iris    exon    45130708        45131552        .       +
        .       Parent=Smp_090150.1;Name=da70877d-0baa-4b8f-b6ac-
ff539651ae98
SM_V9_4 iris    CDS     45129100        45129129        .       +
        0       Parent=Smp_090150.1
SM_V9_4 iris    CDS     45129166        45129279        .       +
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        0       Parent=Smp_090150.1
SM_V9_4 iris    CDS     45130708        45130980        .       +
        0       Parent=Smp_090150.1
SM_V9_4 iris    gene    45167492        45189785        .       +
        .
ID=Smp_090140;geneID=Smp_090140;gene_name=Smp_090140;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    45167492        45189785        .       +
        .
ID=Smp_090140.1;Parent=Smp_090140;geneID=Smp_090140;gene_name=Smp_09
0140;owner=irisadmin@local.host;orig_id=Smp_090140.1;date_last_modif
ied=2022-07-23;Name=Smp_090140.1;product=Ftz F1 interacting
protein;date_creation=2022-07-23
SM_V9_4 iris    exon    45167492        45167818        .       +
        .
Parent=Smp_090140.1;Name=b6246251-26e3-4a09-9fab-30f90e5d87bd
SM_V9_4 iris    exon    45167852        45167896        .       +
        .       Parent=Smp_090140.1;Name=861483f7-24d5-413f-
bbfa-8b1c1d74081d
SM_V9_4 iris    exon    45167938        45168601        .       +
        .       Parent=Smp_090140.1;Name=7941b540-ba34-4268-
a46f-4df659f631c8
SM_V9_4 iris    exon    45176411        45176591        .       +
        .       Parent=Smp_090140.1;Name=31e99fcf-
f0b9-472e-8285-0a49b73a7dda
SM_V9_4 iris    exon    45178866        45179349        .       +
        .
Parent=Smp_090140.1;Name=b105d653-83b2-4de3-9848-7af817c8ab28
SM_V9_4 iris    exon    45179435        45179817        .       +
        .       Parent=Smp_090140.1;Name=a4708db1-
d125-4c53-8f15-3ce544796833
SM_V9_4 iris    exon    45180556        45180768        .       +
        .       Parent=Smp_090140.1;Name=3e4595a4-55e3-4836-a63e-
b437ce610330
SM_V9_4 iris    exon    45182553        45182906        .       +
        .
Parent=Smp_090140.1;Name=e9d50eeb-0922-406d-9cd5-968b6ed930a9
SM_V9_4 iris    exon    45186233        45186339        .       +
        .       Parent=Smp_090140.1;Name=dd26000d-f854-4c01-8585-
e3ae3e8e630e
SM_V9_4 iris    exon    45188523        45189785        .       +
        .       Parent=Smp_090140.1;Name=b858b9e6-0be6-4bf8-
a328-68d6b3c5741f
SM_V9_4 iris    CDS     45167688        45167818        .       +
        0       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45167852        45167896        .       +
        1       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45167938        45168601        .       +
        1       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45176411        45176591        .       +
        0       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45178866        45179349        .       +
        2       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45179435        45179817        .       +
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        1       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45180556        45180768        .       +
        2       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45182553        45182906        .       +
        2       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45186233        45186339        .       +
        2       Parent=Smp_090140.1
SM_V9_4 iris    CDS     45188523        45188792        .       +
        0       Parent=Smp_090140.1
SM_V9_4 Liftoff gene    45205657        45223524        .       +
        .       ID=Smp_171370;geneID=Smp_171370
SM_V9_4 Liftoff mRNA    45205657        45223524        .       +
        .
ID=Smp_171370.1;Parent=Smp_171370;geneID=Smp_171370;product=Serine/
threonine-protein kinase
Chk2;polypeptide_domain=InterPro:IPR000253,IPR000719,IPR008271,IPR00
8984,IPR011009,IPR017441
Pfam:PF00069,PF00498;Ontology_term=GO:0004672,GO:0005515,GO:0005524,
GO:0006468
SM_V9_4 Liftoff exon    45205657        45205851        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45205896        45206020        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45206067        45206211        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45206248        45206335        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45206373        45206481        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45206518        45206571        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45207631        45207695        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45207734        45207833        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45209740        45209778        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45210960        45211171        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45214891        45215065        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45219088        45219426        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff exon    45222953        45223524        .       +
        .       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45205704        45205851        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45205896        45206020        .       +
        2       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45206067        45206211        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45206248        45206335        .       +
        2       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45206373        45206481        .       +
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        1       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45206518        45206571        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45207631        45207695        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45207734        45207833        .       +
        1       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45209740        45209778        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45210960        45211171        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45214891        45215065        .       +
        1       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45219088        45219426        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff CDS     45222953        45223069        .       +
        0       Parent=Smp_171370.1
SM_V9_4 Liftoff gene    45239253        45240812        .       +
        .       ID=Smp_090120;geneID=Smp_090120
SM_V9_4 Liftoff mRNA    45239253        45240812        .       +
        .
ID=Smp_090120.1;Parent=Smp_090120;geneID=Smp_090120;product=Tubulin
alpha-1A
chain;polypeptide_domain=InterPro:IPR000217,IPR002452,IPR003008,IPR0
08280,IPR017975,IPR018316
Pfam:PF00091,PF03953;Ontology_term=GO:0003924,GO:0005200,GO:0005525,
GO:0005874,GO:0007017
SM_V9_4 Liftoff exon    45239253        45239316        .       +
        .       Parent=Smp_090120.1
SM_V9_4 Liftoff exon    45239355        45239992        .       +
        .       Parent=Smp_090120.1
SM_V9_4 Liftoff exon    45240032        45240812        .       +
        .       Parent=Smp_090120.1
SM_V9_4 Liftoff CDS     45239314        45239316        .       +
        0       Parent=Smp_090120.1
SM_V9_4 Liftoff CDS     45239355        45239992        .       +
        0       Parent=Smp_090120.1
SM_V9_4 Liftoff CDS     45240032        45240746        .       +
        1       Parent=Smp_090120.1
SM_V9_4 iris    gene    45266545        45268963        .       +
        .
ID=Smp_103140;geneID=Smp_103140;gene_name=Smp_103140;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    45266545        45268963        .       +
        .
ID=Smp_103140.1;Parent=Smp_103140;geneID=Smp_103140;gene_name=Smp_10
3140;owner=irisadmin@local.host;orig_id=Smp_103140.3;date_last_modif
ied=2022-07-27;Name=Smp_103140.1;product=Tubulin alpha-1C
chain;date_creation=2022-07-27
SM_V9_4 iris    exon    45266545        45266664        .       +
        .       Parent=Smp_103140.1;Name=a2a92072-ed5f-409b-bd15-
ae58b94425ea
SM_V9_4 iris    exon    45266714        45268963        .       +
        .
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Parent=Smp_103140.1;Name=0ac83a35-9813-4aa8-930c-7126596d1ae0
SM_V9_4 iris    CDS     45266662        45266664        .       +
        0       Parent=Smp_103140.1
SM_V9_4 iris    CDS     45266714        45268066        .       +
        0       Parent=Smp_103140.1
SM_V9_4 iris    gene    45325322        45335727        .       -
        .
ID=Smp_053800;geneID=Smp_053800;gene_name=Smp_053800;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    45325322        45335727        .       -
        .
ID=Smp_053800.1;Parent=Smp_053800;geneID=Smp_053800;gene_name=Smp_05
3800;owner=irisadmin@local.host;orig_id=Smp_053800.1;date_last_modif
ied=2022-07-27;Name=Smp_053800.1;product=Mitochondrial carrier
homolog 2;date_creation=2022-07-27
SM_V9_4 iris    exon    45325322        45325853        .       -
        .       Parent=Smp_053800.1;Name=8ca259e4-22bb-4955-
a2bf-0ff1c91f04d9
SM_V9_4 iris    exon    45327880        45328050        .       -
        .       Parent=Smp_053800.1;Name=802b7d4b-9b42-45c1-92c8-
c16e69314b69
SM_V9_4 iris    exon    45330242        45330354        .       -
        .       Parent=Smp_053800.1;Name=18cf714a-1f96-4031-
ab28-015957642d43
SM_V9_4 iris    exon    45332078        45332647        .       -
        .       Parent=Smp_053800.1;Name=663ae211-b5c3-4a27-
b261-3de559338e0d
SM_V9_4 iris    exon    45335684        45335727        .       -
        .       Parent=Smp_053800.1;Name=43840d6a-9c63-4fc0-
ac54-54ae32297b6f
SM_V9_4 iris    CDS     45325671        45325853        .       -
        0       Parent=Smp_053800.1
SM_V9_4 iris    CDS     45327880        45328050        .       -
        0       Parent=Smp_053800.1
SM_V9_4 iris    CDS     45330242        45330354        .       -
        2       Parent=Smp_053800.1
SM_V9_4 iris    CDS     45332078        45332642        .       -
        0       Parent=Smp_053800.1
SM_V9_4 iris    gene    45335745        45336109        .       +
        .
ID=Smp_053790;geneID=Smp_053790;gene_name=Smp_053790;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    45335745        45336109        .       +
        .
ID=Smp_053790.1;Parent=Smp_053790;geneID=Smp_053790;gene_name=Smp_05
3790;owner=irisadmin@local.host;orig_id=Smp_053790.1;date_last_modif
ied=2022-07-27;Name=Smp_053790.1;product=tRNA-specific adenosine
deaminase 2;date_creation=2022-07-27
SM_V9_4 iris    exon    45335745        45335896        .       +
        .       Parent=Smp_053790.1;Name=47c72462-09a3-457d-
a781-11a8c748c193
SM_V9_4 iris    exon    45335930        45336109        .       +
        .       Parent=Smp_053790.1;Name=9eb68554-f1c9-4241-
b34f-394e9e9958f6
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SM_V9_4 iris    CDS     45335789        45335896        .       +
        0       Parent=Smp_053790.1
SM_V9_4 iris    CDS     45335930        45336091        .       +
        0       Parent=Smp_053790.1
SM_V9_4 Liftoff gene    45351027        45351862        .       +
        .       ID=Smp_053780;geneID=Smp_053780
SM_V9_4 Liftoff mRNA    45351027        45351862        .       +
        .
ID=Smp_053780.1;Parent=Smp_053780;geneID=Smp_053780;product=tRNA-
specific adenosine deaminase
2;polypeptide_domain=InterPro:IPR002125,IPR016192,IPR016193
Pfam:PF00383;Ontology_term=GO:0003824,GO:0008270,GO:0016787
SM_V9_4 Liftoff exon    45351027        45351159        .       +
        .       Parent=Smp_053780.1
SM_V9_4 Liftoff exon    45351193        45351380        .       +
        .       Parent=Smp_053780.1
SM_V9_4 Liftoff exon    45351415        45351862        .       +
        .       Parent=Smp_053780.1
SM_V9_4 Liftoff CDS     45351052        45351159        .       +
        0       Parent=Smp_053780.1
SM_V9_4 Liftoff CDS     45351193        45351380        .       +
        0       Parent=Smp_053780.1
SM_V9_4 Liftoff CDS     45351415        45351616        .       +
        1       Parent=Smp_053780.1
SM_V9_4 Liftoff gene    45357767        45427583        .       -
        .
ID=Smp_247280;geneID=Smp_247280;previous_systematic_id=Smp_150940,Sm
p_150950
SM_V9_4 Liftoff mRNA    45357767        45427583        .       -
        .
ID=Smp_247280.1;Parent=Smp_247280;geneID=Smp_247280;product=Zinc
finger protein
608;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    45357767        45359857        .       -
        .       Parent=Smp_247280.1
SM_V9_4 Liftoff exon    45362379        45365137        .       -
        .       Parent=Smp_247280.1
SM_V9_4 Liftoff exon    45366182        45366269        .       -
        .       Parent=Smp_247280.1
SM_V9_4 Liftoff exon    45373444        45374605        .       -
        .       Parent=Smp_247280.1
SM_V9_4 Liftoff exon    45426408        45427583        .       -
        .       Parent=Smp_247280.1
SM_V9_4 Liftoff CDS     45359754        45359857        .       -
        2       Parent=Smp_247280.1
SM_V9_4 Liftoff CDS     45362379        45365137        .       -
        1       Parent=Smp_247280.1
SM_V9_4 Liftoff CDS     45366182        45366269        .       -
        2       Parent=Smp_247280.1
SM_V9_4 Liftoff CDS     45373444        45374605        .       -
        0       Parent=Smp_247280.1
SM_V9_4 Liftoff CDS     45426408        45427091        .       -
        0       Parent=Smp_247280.1
SM_V9_4 iris    gene    45454343        45471133        .       +
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        .
ID=Smp_349600;geneID=Smp_349600;gene_name=Smp_349600;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-27
SM_V9_4 iris    mRNA    45454343        45471133        .       +
        .
ID=Smp_349600.1;Parent=Smp_349600;geneID=Smp_349600;gene_name=Smp_34
9600;owner=irisadmin@local.host;orig_id=Smp_247280.1;date_last_modif
ied=2022-08-02;Name=Smp_349600.1;date_creation=2022-07-27
SM_V9_4 iris    exon    45454343        45454839        .       +
        .       Parent=Smp_349600.1;Name=Smp_349600.1-CDS
SM_V9_4 iris    exon    45457614        45457829        .       +
        .       Parent=Smp_349600.1;Name=2a772dd1-bc9e-4c36-891f-
bd305b0a5af8
SM_V9_4 iris    exon    45459537        45459632        .       +
        .       Parent=Smp_349600.1;Name=6f4c54ac-
d785-4364-8228-69704d69ff0f
SM_V9_4 iris    exon    45467978        45471133        .       +
        .       Parent=Smp_349600.1;Name=c2c79b15-26e3-46b4-8b21-
a6f71919d6a9
SM_V9_4 iris    CDS     45454403        45454839        .       +
        0       Parent=Smp_349600.1
SM_V9_4 iris    CDS     45457614        45457653        .       +
        1       Parent=Smp_349600.1
SM_V9_4 iris    gene    45580357        45588281        .       +
        .
ID=Smp_053820;geneID=Smp_053820;gene_name=Smp_053820;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    45580357        45588281        .       +
        .
ID=Smp_053820.1;Parent=Smp_053820;geneID=Smp_053820;gene_name=Smp_05
3820;owner=irisadmin@local.host;orig_id=Smp_053820.2;date_last_modif
ied=2022-07-27;Name=Smp_053820.1;product=Protein transport protein
Sec61 subunit alpha isoform 2;date_creation=2022-07-27
SM_V9_4 iris    exon    45580357        45580477        .       +
        .       Parent=Smp_053820.1;Name=5f320a88-a5c9-40bc-
a792-3047f9e9715a
SM_V9_4 iris    exon    45580521        45580865        .       +
        .       Parent=Smp_053820.1;Name=b4c9c078-4880-43be-9f7d-
e81d1793ba3a
SM_V9_4 iris    exon    45580896        45581005        .       +
        .
Parent=Smp_053820.1;Name=a66f653c-5b32-4051-8e81-832d8275570a
SM_V9_4 iris    exon    45581039        45581192        .       +
        .       Parent=Smp_053820.1;Name=a0884fa4-d8cf-48a0-
ad99-44ab9a90fac5
SM_V9_4 iris    exon    45581226        45581386        .       +
        .       Parent=Smp_053820.1;Name=c98d64fb-
b210-45c9-9ccd-464a4e577e25
SM_V9_4 iris    exon    45581419        45581559        .       +
        .
Parent=Smp_053820.1;Name=266f5887-3458-4f3d-9873-08cdd7b918ae
SM_V9_4 iris    exon    45581595        45581985        .       +
        .       Parent=Smp_053820.1;Name=50cfe939-c440-4865-
a3cd-4f38456a1b60
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SM_V9_4 iris    exon    45587813        45588281        .       +
        .       Parent=Smp_053820.1;Name=3fecaa63-a65d-457e-a23d-
cad9ba82f2a6
SM_V9_4 iris    CDS     45580471        45580477        .       +
        0       Parent=Smp_053820.1
SM_V9_4 iris    CDS     45580521        45580865        .       +
        2       Parent=Smp_053820.1
SM_V9_4 iris    CDS     45580896        45581005        .       +
        2       Parent=Smp_053820.1
SM_V9_4 iris    CDS     45581039        45581192        .       +
        0       Parent=Smp_053820.1
SM_V9_4 iris    CDS     45581226        45581386        .       +
        2       Parent=Smp_053820.1
SM_V9_4 iris    CDS     45581419        45581559        .       +
        0       Parent=Smp_053820.1
SM_V9_4 iris    CDS     45581595        45581985        .       +
        0       Parent=Smp_053820.1
SM_V9_4 iris    CDS     45587813        45587931        .       +
        2       Parent=Smp_053820.1
SM_V9_4 Liftoff gene    45595671        45596233        .       -
        .       ID=Smp_053830;geneID=Smp_053830
SM_V9_4 Liftoff mRNA    45595671        45596233        .       -
        .
ID=Smp_053830.1;Parent=Smp_053830;geneID=Smp_053830;product=40S
ribosomal protein
S14;polypeptide_domain=InterPro:IPR001971,IPR018102
Pfam:PF00411;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_4 Liftoff exon    45595671        45595849        .       -
        .       Parent=Smp_053830.1
SM_V9_4 Liftoff exon    45595886        45596233        .       -
        .       Parent=Smp_053830.1
SM_V9_4 Liftoff CDS     45595705        45595849        .       -
        1       Parent=Smp_053830.1
SM_V9_4 Liftoff CDS     45595886        45596199        .       -
        0       Parent=Smp_053830.1
SM_V9_4 Liftoff gene    45607787        45627529        .       +
        .       ID=Smp_150960;geneID=Smp_150960
SM_V9_4 Liftoff mRNA    45607787        45627529        .       +
        .
ID=Smp_150960.1;Parent=Smp_150960;geneID=Smp_150960;product=MAU2
chromatid cohesion factor
homolog;polypeptide_domain=InterPro:IPR011990,IPR019440
Pfam:PF10345;Ontology_term=GO:0005515,GO:0007064
SM_V9_4 Liftoff exon    45607787        45610205        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45610667        45610762        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45611778        45611900        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45612340        45612565        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45615658        45616073        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45619872        45620060        .       +
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        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45620937        45621173        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45623913        45624131        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff exon    45626871        45627529        .       +
        .       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45609666        45610205        .       +
        0       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45610667        45610762        .       +
        0       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45611778        45611900        .       +
        0       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45612340        45612565        .       +
        0       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45615658        45616073        .       +
        2       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45619872        45620060        .       +
        0       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45620937        45621173        .       +
        0       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45623913        45624131        .       +
        0       Parent=Smp_150960.1
SM_V9_4 Liftoff CDS     45626871        45626945        .       +
        0       Parent=Smp_150960.1
SM_V9_4 iris    gene    45694049        45741156        .       -
        .
ID=Smp_344340;geneID=Smp_344340;gene_name=Smp_344340;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    45694049        45741156        .       -
        .
ID=Smp_344340.1;Parent=Smp_344340;geneID=Smp_344340;gene_name=Smp_34
4340;owner=irisadmin@local.host;orig_id=Smp_344340.3;date_last_modif
ied=2022-07-23;Name=Smp_344340.1;product=Filamin A-interacting
protein 1-like;date_creation=2022-07-23
SM_V9_4 iris    exon    45694049        45694639        .       -
        .       Parent=Smp_344340.1;Name=3a48a580-
bd78-4c66-9d5a-0aadb2275bde
SM_V9_4 iris    exon    45696351        45696618        .       -
        .       Parent=Smp_344340.1;Name=06024e90-8be3-4155-
a33d-123aa0d8ab35
SM_V9_4 iris    exon    45699045        45699371        .       -
        .       Parent=Smp_344340.1;Name=e4750061-3fa3-4158-b377-
b73ba4507efb
SM_V9_4 iris    exon    45700999        45701490        .       -
        .       Parent=Smp_344340.1;Name=c33bee17-19fc-4dc2-858a-
f90973308b21
SM_V9_4 iris    exon    45703489        45703571        .       -
        .       Parent=Smp_344340.1;Name=529fc495-b86c-4c2a-
b24e-87757da1bf63
SM_V9_4 iris    exon    45711093        45711239        .       -
        .       Parent=Smp_344340.1;Name=fb964e1b-13ef-4156-b63e-
f44e28419113
SM_V9_4 iris    exon    45714746        45715004        .       -
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        .       Parent=Smp_344340.1;Name=6d5cbb52-2b1a-4866-
ba8c-506401e11655
SM_V9_4 iris    exon    45715739        45715768        .       -
        .       Parent=Smp_344340.1;Name=a0f3e364-82b0-409e-
a767-1fa7f0deac2b
SM_V9_4 iris    exon    45716600        45717238        .       -
        .       Parent=Smp_344340.1;Name=c20bbbe3-4da5-4bdb-9341-
fde0b3b2c10f
SM_V9_4 iris    exon    45722156        45722404        .       -
        .
Parent=Smp_344340.1;Name=cb1f9f9e-4b4a-4444-84e5-488e3b8b03e6
SM_V9_4 iris    exon    45725296        45725526        .       -
        .
Parent=Smp_344340.1;Name=d1979c80-5ae0-4ddc-8523-5bfef63504ae
SM_V9_4 iris    exon    45725634        45725741        .       -
        .       Parent=Smp_344340.1;Name=b8032fc1-2983-43dd-b7d5-
be75c2eb38c6
SM_V9_4 iris    exon    45727679        45727803        .       -
        .       Parent=Smp_344340.1;Name=ab0ef2d0-92c7-42d2-b916-
bf190b37ae4f
SM_V9_4 iris    exon    45732019        45732205        .       -
        .
Parent=Smp_344340.1;Name=e4016095-470f-4e76-8e03-7bdca41ca976
SM_V9_4 iris    exon    45733082        45733183        .       -
        .       Parent=Smp_344340.1;Name=9151a9c9-a7b9-486f-84db-
fa141df66e43
SM_V9_4 iris    exon    45737072        45737177        .       -
        .
Parent=Smp_344340.1;Name=36b37898-01b6-4524-8ef7-72367d8cf027
SM_V9_4 iris    exon    45737702        45737955        .       -
        .       Parent=Smp_344340.1;Name=3bd6acc5-23b7-4a7c-
bc25-6f06a1372b43
SM_V9_4 iris    exon    45739290        45739661        .       -
        .       Parent=Smp_344340.1;Name=98c45047-5b27-4bc0-a9e4-
c6a3c2c7e920
SM_V9_4 iris    exon    45739922        45740170        .       -
        .       Parent=Smp_344340.1;Name=6f894a80-
b83e-4f4c-85c6-0f6b7974e0fb
SM_V9_4 iris    exon    45740692        45740774        .       -
        .
Parent=Smp_344340.1;Name=3b6e740a-96e2-4f58-92d8-6c5a84003ea6
SM_V9_4 iris    exon    45740810        45740874        .       -
        .       Parent=Smp_344340.1;Name=4b343664-d9f4-4f8d-
b914-78fa4a6e886d
SM_V9_4 iris    exon    45740909        45741156        .       -
        .
Parent=Smp_344340.1;Name=a04fc494-4996-415c-95cc-2cf5b6fe0db4
SM_V9_4 iris    CDS     45696385        45696618        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45699045        45699371        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45700999        45701490        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45703489        45703571        .       -
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        2       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45711093        45711239        .       -
        2       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45714746        45715004        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45715739        45715768        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45716600        45717238        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45722156        45722404        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45725296        45725526        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45725634        45725741        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45727679        45727803        .       -
        2       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45732019        45732205        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45733082        45733183        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45737072        45737177        .       -
        1       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45737702        45737955        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45739290        45739661        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45739922        45740170        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45740692        45740774        .       -
        2       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45740810        45740874        .       -
        1       Parent=Smp_344340.1
SM_V9_4 iris    CDS     45740909        45741015        .       -
        0       Parent=Smp_344340.1
SM_V9_4 iris    gene    45761374        45802891        .       +
        .
ID=Smp_150980;geneID=Smp_150980;gene_name=Smp_150980;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    45761374        45802891        .       +
        .
ID=Smp_150980.1;Parent=Smp_150980;geneID=Smp_150980;gene_name=Smp_15
0980;owner=irisadmin@local.host;orig_id=Smp_150980.1;date_last_modif
ied=2022-07-23;Name=Smp_150980.1;product=Cytoplasmic FMR1-
interacting protein;date_creation=2022-07-23
SM_V9_4 iris    exon    45761374        45761560        .       +
        .       Parent=Smp_150980.1;Name=f7b827f5-abf8-45c8-9403-
ae6340e8c3f0
SM_V9_4 iris    exon    45761597        45761764        .       +
        .
Parent=Smp_150980.1;Name=3d415a70-2429-4b69-8d78-70ae6f8549d1
SM_V9_4 iris    exon    45761798        45761899        .       +
        .       Parent=Smp_150980.1;Name=c1ce8bb5-a3b7-4bb0-876f-
d9e31bb33722
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SM_V9_4 iris    exon    45761936        45762117        .       +
        .       Parent=Smp_150980.1;Name=497145c7-6e39-49a8-93bb-
af7bca7c6f63
SM_V9_4 iris    exon    45762151        45762361        .       +
        .
Parent=Smp_150980.1;Name=8e2a7342-62a7-4f00-87c9-1f235e9b9741
SM_V9_4 iris    exon    45762397        45762519        .       +
        .       Parent=Smp_150980.1;Name=8cbdb4b3-5e7f-4fb2-ba79-
f01e7ef090f2
SM_V9_4 iris    exon    45762555        45762709        .       +
        .       Parent=Smp_150980.1;Name=178c884a-7de5-47e5-
baf3-00fa0378edd4
SM_V9_4 iris    exon    45764491        45764728        .       +
        .       Parent=Smp_150980.1;Name=833040e3-702d-4d34-81c0-
dabc902aef78
SM_V9_4 iris    exon    45766042        45766296        .       +
        .       Parent=Smp_150980.1;Name=4a11d11e-
d88c-458e-89f1-7f0c17f7ce0d
SM_V9_4 iris    exon    45769876        45770314        .       +
        .
Parent=Smp_150980.1;Name=b901ac20-1502-4bca-8ad4-116fd1e608db
SM_V9_4 iris    exon    45780977        45781542        .       +
        .       Parent=Smp_150980.1;Name=fb2efb93-2024-483c-a197-
d44273a3840a
SM_V9_4 iris    exon    45787017        45787216        .       +
        .       Parent=Smp_150980.1;Name=5230773a-31a0-4203-
a818-5b91f84c510c
SM_V9_4 iris    exon    45789413        45789644        .       +
        .       Parent=Smp_150980.1;Name=52f714f6-3c2a-452d-
a382-9f585c267f8f
SM_V9_4 iris    exon    45791039        45791260        .       +
        .       Parent=Smp_150980.1;Name=128eb146-
da43-4635-8556-0d1e839afe3e
SM_V9_4 iris    exon    45792981        45793071        .       +
        .       Parent=Smp_150980.1;Name=2dbe0b40-1255-4ef1-b26c-
e90227649c2a
SM_V9_4 iris    exon    45796312        45796436        .       +
        .       Parent=Smp_150980.1;Name=37ea2c9c-506d-4e0c-aea1-
fff6b73fac78
SM_V9_4 iris    exon    45799409        45799483        .       +
        .       Parent=Smp_150980.1;Name=230e621c-4432-4cbc-
a9c5-1c166d70d365
SM_V9_4 iris    exon    45801173        45801547        .       +
        .       Parent=Smp_150980.1;Name=7f44132a-48b8-4025-94c2-
e67e45fc2947
SM_V9_4 iris    exon    45802381        45802891        .       +
        .       Parent=Smp_150980.1;Name=cb88c423-bab1-4b3e-
beb8-0f96dba3703d
SM_V9_4 iris    CDS     45761432        45761560        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45761597        45761764        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45761798        45761899        .       +
        0       Parent=Smp_150980.1
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SM_V9_4 iris    CDS     45761936        45762117        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45762151        45762361        .       +
        1       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45762397        45762519        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45762555        45762709        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45764491        45764728        .       +
        1       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45766042        45766296        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45769876        45770314        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45780977        45781542        .       +
        2       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45787017        45787216        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45789413        45789644        .       +
        1       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45791039        45791260        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45792981        45793071        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45796312        45796436        .       +
        2       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45799409        45799483        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45801173        45801547        .       +
        0       Parent=Smp_150980.1
SM_V9_4 iris    CDS     45802381        45802536        .       +
        0       Parent=Smp_150980.1
SM_V9_4 Liftoff gene    45807310        45844979        .       +
        .       ID=Smp_150990;geneID=Smp_150990
SM_V9_4 Liftoff mRNA    45807310        45844979        .       +
        .
ID=Smp_150990.1;Parent=Smp_150990;geneID=Smp_150990;product=Large
neutral amino acids transporter small subunit
2;polypeptide_domain=InterPro:IPR002293
Pfam:PF13520;Ontology_term=GO:0003333,GO:0015171,GO:0016020
SM_V9_4 Liftoff exon    45807310        45813748        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff exon    45816396        45816869        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff exon    45819154        45819279        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff exon    45834785        45835053        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff exon    45837071        45837271        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff exon    45838885        45839034        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff exon    45840402        45840486        .       +
        .       Parent=Smp_150990.1
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SM_V9_4 Liftoff exon    45841663        45841755        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff exon    45844157        45844979        .       +
        .       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45813694        45813748        .       +
        0       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45816396        45816869        .       +
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SM_V9_4 Liftoff CDS     45819154        45819279        .       +
        2       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45834785        45835053        .       +
        2       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45837071        45837271        .       +
        0       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45838885        45839034        .       +
        0       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45840402        45840486        .       +
        0       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45841663        45841755        .       +
        2       Parent=Smp_150990.1
SM_V9_4 Liftoff CDS     45844157        45844209        .       +
        2       Parent=Smp_150990.1
SM_V9_4 Liftoff mRNA    45807310        45844979        .       +
        .
ID=Smp_150990.2;Parent=Smp_150990;geneID=Smp_150990;product=Large
neutral amino acids transporter small subunit
2;polypeptide_domain=InterPro:IPR002293
Pfam:PF13520;Ontology_term=GO:0003333,GO:0015171,GO:0016020
SM_V9_4 Liftoff exon    45807310        45816869        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff exon    45819154        45819279        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff exon    45834785        45835053        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff exon    45837071        45837271        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff exon    45838885        45839034        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff exon    45840402        45840486        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff exon    45841663        45841755        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff exon    45844157        45844979        .       +
        .       Parent=Smp_150990.2
SM_V9_4 Liftoff CDS     45816401        45816869        .       +
        0       Parent=Smp_150990.2
SM_V9_4 Liftoff CDS     45819154        45819279        .       +
        2       Parent=Smp_150990.2
SM_V9_4 Liftoff CDS     45834785        45835053        .       +
        2       Parent=Smp_150990.2
SM_V9_4 Liftoff CDS     45837071        45837271        .       +
        0       Parent=Smp_150990.2
SM_V9_4 Liftoff CDS     45838885        45839034        .       +
        0       Parent=Smp_150990.2
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SM_V9_4 Liftoff CDS     45840402        45840486        .       +
        0       Parent=Smp_150990.2
SM_V9_4 Liftoff CDS     45841663        45841755        .       +
        2       Parent=Smp_150990.2
SM_V9_4 Liftoff CDS     45844157        45844209        .       +
        2       Parent=Smp_150990.2
SM_V9_4 Liftoff gene    45867910        45911426        .       -
        .
ID=Smp_247290;geneID=Smp_247290;previous_systematic_id=Smp_151000,Sm
p_151090
SM_V9_4 Liftoff mRNA    45867910        45911426        .       -
        .
ID=Smp_247290.1;Parent=Smp_247290;geneID=Smp_247290;product=Y+L
amino acid transporter 2;polypeptide_domain=InterPro:IPR002293
Pfam:PF13520;Ontology_term=GO:0003333,GO:0015171,GO:0016020
SM_V9_4 Liftoff exon    45867910        45868889        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff exon    45873037        45873129        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff exon    45879253        45879337        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff exon    45881239        45881388        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff exon    45884161        45884361        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff exon    45903604        45903872        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff exon    45906080        45906205        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff exon    45907789        45911426        .       -
        .       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45868837        45868889        .       -
        2       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45873037        45873129        .       -
        2       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45879253        45879337        .       -
        0       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45881239        45881388        .       -
        0       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45884161        45884361        .       -
        0       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45903604        45903872        .       -
        2       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45906080        45906205        .       -
        2       Parent=Smp_247290.1
SM_V9_4 Liftoff CDS     45907789        45908269        .       -
        0       Parent=Smp_247290.1
SM_V9_4 Liftoff gene    45920140        45926242        .       +
        .
ID=Smp_213570;geneID=Smp_213570;previous_systematic_id=Smp_151080
SM_V9_4 Liftoff mRNA    45920140        45926242        .       +
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complex subunit 6
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homolog;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;On
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SM_V9_4 Liftoff exon    45921554        45921762        .       +
        .       Parent=Smp_213570.1
SM_V9_4 Liftoff exon    45921814        45921975        .       +
        .       Parent=Smp_213570.1
SM_V9_4 Liftoff exon    45922009        45922261        .       +
        .       Parent=Smp_213570.1
SM_V9_4 Liftoff exon    45925798        45926242        .       +
        .       Parent=Smp_213570.1
SM_V9_4 Liftoff CDS     45921387        45921516        .       +
        0       Parent=Smp_213570.1
SM_V9_4 Liftoff CDS     45921554        45921762        .       +
        2       Parent=Smp_213570.1
SM_V9_4 Liftoff CDS     45921814        45921975        .       +
        0       Parent=Smp_213570.1
SM_V9_4 Liftoff CDS     45922009        45922261        .       +
        0       Parent=Smp_213570.1
SM_V9_4 Liftoff CDS     45925798        45926123        .       +
        2       Parent=Smp_213570.1
SM_V9_4 Liftoff gene    45926290        45941192        .       +
        .
ID=Smp_213560;geneID=Smp_213560;previous_systematic_id=Smp_151080
SM_V9_4 Liftoff mRNA    45926290        45941192        .       +
        .
ID=Smp_213560.1;Parent=Smp_213560;geneID=Smp_213560;product=RNA
exonuclease 4;polypeptide_domain=InterPro:IPR012337,IPR013520
Pfam:PF00929;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    45926290        45926424        .       +
        .       Parent=Smp_213560.1
SM_V9_4 Liftoff exon    45929018        45929260        .       +
        .       Parent=Smp_213560.1
SM_V9_4 Liftoff exon    45931450        45931668        .       +
        .       Parent=Smp_213560.1
SM_V9_4 Liftoff exon    45933881        45934172        .       +
        .       Parent=Smp_213560.1
SM_V9_4 Liftoff exon    45935835        45936137        .       +
        .       Parent=Smp_213560.1
SM_V9_4 Liftoff exon    45940888        45941192        .       +
        .       Parent=Smp_213560.1
SM_V9_4 Liftoff CDS     45926327        45926424        .       +
        0       Parent=Smp_213560.1
SM_V9_4 Liftoff CDS     45929018        45929260        .       +
        1       Parent=Smp_213560.1
SM_V9_4 Liftoff CDS     45931450        45931668        .       +
        1       Parent=Smp_213560.1
SM_V9_4 Liftoff CDS     45933881        45934172        .       +
        1       Parent=Smp_213560.1
SM_V9_4 Liftoff CDS     45935835        45936137        .       +
        0       Parent=Smp_213560.1
SM_V9_4 Liftoff CDS     45940888        45941076        .       +
        0       Parent=Smp_213560.1
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SM_V9_4 Liftoff gene    45964045        45982806        .       -
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SM_V9_4 Liftoff mRNA    45964045        45982806        .       -
        .
ID=Smp_054010.1;Parent=Smp_054010;geneID=Smp_054010;product=Y+L
amino acid transporter 2;polypeptide_domain=InterPro:IPR002293
Pfam:PF13520;Ontology_term=GO:0003333,GO:0015171,GO:0016020
SM_V9_4 Liftoff exon    45964045        45964681        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff exon    45966501        45966593        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff exon    45967648        45967732        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff exon    45968761        45968910        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff exon    45970265        45970465        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff exon    45972717        45972985        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff exon    45975374        45975499        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff exon    45977413        45982806        .       -
        .       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45964629        45964681        .       -
        2       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45966501        45966593        .       -
        2       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45967648        45967732        .       -
        0       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45968761        45968910        .       -
        0       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45970265        45970465        .       -
        0       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45972717        45972985        .       -
        2       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45975374        45975499        .       -
        2       Parent=Smp_054010.1
SM_V9_4 Liftoff CDS     45977413        45977881        .       -
        0       Parent=Smp_054010.1
SM_V9_4 iris    gene    45993343        46009135        .       +
        .
ID=Smp_151070;geneID=Smp_151070;gene_name=Smp_151070;owner=irisadmin
@local.host;date_last_modified=2022-07-27;date_creation=2022-07-27
SM_V9_4 iris    mRNA    45993343        46009135        .       +
        .
ID=Smp_151070.1;Parent=Smp_151070;geneID=Smp_151070;gene_name=Smp_15
1070;owner=irisadmin@local.host;orig_id=Smp_151070.1;date_last_modif
ied=2022-07-27;Name=Smp_151070.1;product=Transcription elongation
factor SPT5;date_creation=2022-07-27
SM_V9_4 iris    exon    45993343        45993631        .       +
        .       Parent=Smp_151070.1;Name=66aae150-5ea5-4def-8cd2-
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SM_V9_4 iris    exon    45996763        45997407        .       +
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Parent=Smp_151070.1;Name=d3ca72ba-3fd9-460e-86f8-81a27692e11d
SM_V9_4 iris    exon    45998220        45998477        .       +
        .       Parent=Smp_151070.1;Name=5cedcd2d-057f-4997-
b306-105daa245a8d
SM_V9_4 iris    exon    45999587        45999913        .       +
        .       Parent=Smp_151070.1;Name=2cb4bce6-eb8e-4acf-8071-
e53897860207
SM_V9_4 iris    exon    46000819        46001496        .       +
        .       Parent=Smp_151070.1;Name=2762b25c-0e77-4535-
b93d-4bd4ae595a36
SM_V9_4 iris    exon    46004579        46004779        .       +
        .       Parent=Smp_151070.1;Name=5d4075a2-7a15-4cda-
a647-5cf55ba687ff
SM_V9_4 iris    exon    46006013        46006151        .       +
        .       Parent=Smp_151070.1;Name=b6da11ef-9a42-4ef4-bd90-
dbbc8b1470c3
SM_V9_4 iris    exon    46007812        46009135        .       +
        .       Parent=Smp_151070.1;Name=8156703b-
d07e-4a47-8abd-38bf751e0895
SM_V9_4 iris    CDS     45993413        45993631        .       +
        0       Parent=Smp_151070.1
SM_V9_4 iris    CDS     45996763        45997407        .       +
        0       Parent=Smp_151070.1
SM_V9_4 iris    CDS     45998220        45998477        .       +
        0       Parent=Smp_151070.1
SM_V9_4 iris    CDS     45999587        45999913        .       +
        0       Parent=Smp_151070.1
SM_V9_4 iris    CDS     46000819        46001496        .       +
        0       Parent=Smp_151070.1
SM_V9_4 iris    CDS     46004579        46004779        .       +
        0       Parent=Smp_151070.1
SM_V9_4 iris    CDS     46006013        46006151        .       +
        0       Parent=Smp_151070.1
SM_V9_4 iris    CDS     46007812        46007885        .       +
        2       Parent=Smp_151070.1
SM_V9_4 Liftoff gene    46009626        46017758        .       -
        .       ID=Smp_053990;geneID=Smp_053990
SM_V9_4 Liftoff mRNA    46009626        46017758        .       -
        .
ID=Smp_053990.1;Parent=Smp_053990;geneID=Smp_053990;product=RNA
polymerase II-associated protein
3;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734,IPR02598
6 Pfam:PF13181,PF13414,PF13877;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    46009626        46010574        .       -
        .       Parent=Smp_053990.1
SM_V9_4 Liftoff exon    46012370        46012551        .       -
        .       Parent=Smp_053990.1
SM_V9_4 Liftoff exon    46014520        46014771        .       -
        .       Parent=Smp_053990.1
SM_V9_4 Liftoff exon    46014838        46017758        .       -
        .       Parent=Smp_053990.1
SM_V9_4 Liftoff CDS     46009662        46010574        .       -
        1       Parent=Smp_053990.1
SM_V9_4 Liftoff CDS     46012370        46012551        .       -
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        0       Parent=Smp_053990.1
SM_V9_4 Liftoff CDS     46014520        46014771        .       -
        0       Parent=Smp_053990.1
SM_V9_4 Liftoff CDS     46014838        46015023        .       -
        0       Parent=Smp_053990.1
SM_V9_4 Liftoff gene    46034650        46060011        .       +
        .       ID=Smp_151060;geneID=Smp_151060
SM_V9_4 Liftoff mRNA    46034650        46060011        .       +
        .
ID=Smp_151060.1;Parent=Smp_151060;geneID=Smp_151060;product=Melanotr
ansferrin;polypeptide_domain=InterPro:IPR001156,IPR016357
Pfam:PF00405;Ontology_term=GO:0005615
SM_V9_4 Liftoff exon    46034650        46034764        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46035883        46036242        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46036285        46036690        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46042310        46042611        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46045242        46045518        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46047534        46047733        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46053416        46053647        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46057473        46057685        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff exon    46059516        46060011        .       +
        .       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46034704        46034764        .       +
        0       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46035883        46036242        .       +
        2       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46036285        46036690        .       +
        2       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46042310        46042611        .       +
        1       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46045242        46045518        .       +
        2       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46047534        46047733        .       +
        1       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46053416        46053647        .       +
        2       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46057473        46057685        .       +
        1       Parent=Smp_151060.1
SM_V9_4 Liftoff CDS     46059516        46059795        .       +
        1       Parent=Smp_151060.1
SM_V9_4 Liftoff gene    46067818        46084236        .       -
        .       ID=Smp_151050;geneID=Smp_151050
SM_V9_4 Liftoff mRNA    46067818        46084236        .       -
        .
ID=Smp_151050.1;Parent=Smp_151050;geneID=Smp_151050;product=BTB and
MATH domain-containing protein
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43;polypeptide_domain=InterPro:IPR000210,IPR002083,IPR008974,IPR0113
33,IPR034089 Pfam:PF00651,PF00917;Ontology_term=GO:0005515
SM_V9_4 Liftoff exon    46067818        46068867        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff exon    46072391        46072533        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff exon    46074458        46075224        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff exon    46077005        46077917        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff exon    46081050        46081177        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff exon    46081226        46081380        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff exon    46081435        46081556        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff exon    46081597        46084236        .       -
        .       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46068723        46068867        .       -
        1       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46072391        46072533        .       -
        0       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46074458        46075224        .       -
        2       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46077005        46077917        .       -
        0       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46081050        46081177        .       -
        2       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46081226        46081380        .       -
        1       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46081435        46081556        .       -
        0       Parent=Smp_151050.1
SM_V9_4 Liftoff CDS     46081597        46081728        .       -
        0       Parent=Smp_151050.1
SM_V9_4 Liftoff gene    46095420        46096554        .       +
        .
ID=Smp_314030;geneID=Smp_314030;previous_systematic_id=Smp_053950
SM_V9_4 Liftoff mRNA    46095420        46096554        .       +
        .
ID=Smp_314030.1;Parent=Smp_314030;geneID=Smp_314030;product=Hypothet
ical protein
SM_V9_4 Liftoff exon    46095420        46096028        .       +
        .       Parent=Smp_314030.1
SM_V9_4 Liftoff exon    46096071        46096554        .       +
        .       Parent=Smp_314030.1
SM_V9_4 Liftoff CDS     46095746        46096028        .       +
        0       Parent=Smp_314030.1
SM_V9_4 Liftoff CDS     46096071        46096090        .       +
        2       Parent=Smp_314030.1
SM_V9_4 Liftoff gene    46099530        46101402        .       +
        .       ID=Smp_053940;geneID=Smp_053940
SM_V9_4 Liftoff mRNA    46099530        46101402        .       +
        .
ID=Smp_053940.1;Parent=Smp_053940;geneID=Smp_053940;product=Heteroge
```

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neous nuclear ribonucleoprotein A2 homolog
2;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_4 Liftoff exon    46099530        46100513        .       +
        .       Parent=Smp_053940.1
SM_V9_4 Liftoff exon    46100556        46101402        .       +
        .       Parent=Smp_053940.1
SM_V9_4 Liftoff CDS     46099586        46100513        .       +
        0       Parent=Smp_053940.1
SM_V9_4 Liftoff CDS     46100556        46100575        .       +
        2       Parent=Smp_053940.1
SM_V9_4 Liftoff gene    46112450        46117561        .       +
        .       ID=Smp_151040;geneID=Smp_151040
SM_V9_4 Liftoff mRNA    46112450        46117561        .       +
        .
ID=Smp_151040.1;Parent=Smp_151040;geneID=Smp_151040;product=Cyclin-
dependent kinase 5 activator
1;polypeptide_domain=InterPro:IPR004944,IPR013763
Pfam:PF03261;Ontology_term=GO:0016533,GO:0016534
SM_V9_4 Liftoff exon    46112450        46117561        .       +
        .       Parent=Smp_151040.1
SM_V9_4 Liftoff CDS     46113485        46116532        .       +
        0       Parent=Smp_151040.1
SM_V9_4 iris    gene    46125175        46137772        .       -
        .
ID=Smp_151030;geneID=Smp_151030;gene_name=Smp_151030;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-23
SM_V9_4 iris    mRNA    46125175        46137772        .       -
        .
ID=Smp_151030.1;Parent=Smp_151030;geneID=Smp_151030;gene_name=Smp_15
1030;owner=irisadmin@local.host;orig_id=Smp_151030.1;date_last_modif
ied=2022-07-23;Name=Smp_151030.1;product=3-hydroxyacyl-CoA
dehydrogenase type-2;date_creation=2022-07-23
SM_V9_4 iris    exon    46125175        46125791        .       -
        .       Parent=Smp_151030.1;Name=80f42d91-4d3d-4cbd-a46f-
e99b61879c59
SM_V9_4 iris    exon    46128932        46129169        .       -
        .       Parent=Smp_151030.1;Name=ea8a907a-261e-48cc-
b68c-75ae2f243d6a
SM_V9_4 iris    exon    46134088        46134252        .       -
        .       Parent=Smp_151030.1;Name=578bbf73-4fd7-42e3-a708-
efc7239aaf98
SM_V9_4 iris    exon    46134339        46134435        .       -
        .       Parent=Smp_151030.1;Name=7963f4ae-69cc-415c-afc0-
d992adeb16c2
SM_V9_4 iris    exon    46134474        46134532        .       -
        .       Parent=Smp_151030.1;Name=9ad09b7d-3453-4166-
bee5-0772e4e62705
SM_V9_4 iris    exon    46134566        46134641        .       -
        .
Parent=Smp_151030.1;Name=8ac62648-0789-43b6-82da-544e1b30e082
SM_V9_4 iris    exon    46137738        46137772        .       -
        .       Parent=Smp_151030.1;Name=795afe0a-eb50-4b06-a7c4-
fb099f3861a7
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SM_V9_4 iris    CDS     46125589        46125791        .       -
        2       Parent=Smp_151030.1
SM_V9_4 iris    CDS     46128932        46129169        .       -
        0       Parent=Smp_151030.1
SM_V9_4 iris    CDS     46134088        46134252        .       -
        0       Parent=Smp_151030.1
SM_V9_4 iris    CDS     46134339        46134435        .       -
        1       Parent=Smp_151030.1
SM_V9_4 iris    CDS     46134474        46134532        .       -
        0       Parent=Smp_151030.1
SM_V9_4 iris    CDS     46134566        46134583        .       -
        0       Parent=Smp_151030.1
SM_V9_4 iris    mRNA    46125175        46137772        .       -
        .
ID=Smp_151030.2;Parent=Smp_151030;geneID=Smp_151030;gene_name=Smp_15
1030;owner=irisadmin@local.host;orig_id=Smp_151030.2;date_last_modif
ied=2022-07-23;Name=Smp_151030.2;product=3-hydroxyacyl-CoA
dehydrogenase type-2;date_creation=2022-07-23
SM_V9_4 iris    exon    46125175        46125451        .       -
        .       Parent=Smp_151030.2;Name=921fb6f6-4855-413a-9884-
ad5000efa1e4
SM_V9_4 iris    exon    46128932        46129169        .       -
        .
Parent=Smp_151030.2;Name=a20e97e3-1b0b-47f2-9b5e-5862ddf46309
SM_V9_4 iris    exon    46134088        46134252        .       -
        .
Parent=Smp_151030.2;Name=7f70319a-5cac-4d6d-9fe2-12fe18c00248
SM_V9_4 iris    exon    46134339        46134435        .       -
        .       Parent=Smp_151030.2;Name=0a9ef0b8-7d0f-4f14-bc7a-
ef3e161ec366
SM_V9_4 iris    exon    46134474        46134532        .       -
        .       Parent=Smp_151030.2;Name=95bfadfd-9b4c-4f7c-
bc99-31ac4bb2260e
SM_V9_4 iris    exon    46134566        46134641        .       -
        .       Parent=Smp_151030.2;Name=f5ac7428-
fc19-4894-9fc6-9c8f0280c3ac
SM_V9_4 iris    exon    46137738        46137772        .       -
        .       Parent=Smp_151030.2;Name=0519c80c-7b69-4356-
b56e-5398d6cf7a48
SM_V9_4 iris    CDS     46125267        46125451        .       -
        2       Parent=Smp_151030.2
SM_V9_4 iris    CDS     46128932        46129169        .       -
        0       Parent=Smp_151030.2
SM_V9_4 iris    CDS     46134088        46134252        .       -
        0       Parent=Smp_151030.2
SM_V9_4 iris    CDS     46134339        46134435        .       -
        1       Parent=Smp_151030.2
SM_V9_4 iris    CDS     46134474        46134532        .       -
        0       Parent=Smp_151030.2
SM_V9_4 iris    CDS     46134566        46134583        .       -
        0       Parent=Smp_151030.2
SM_V9_4 iris    gene    46147580        46148354        .       +
        .
ID=Smp_151020;geneID=Smp_151020;gene_name=Smp_151020;owner=irisadmin
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@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    46147580        46148354        .       +
        .
ID=Smp_151020.1;Parent=Smp_151020;geneID=Smp_151020;gene_name=Smp_15
1020;owner=irisadmin@local.host;orig_id=Smp_151020.2;date_last_modif
ied=2022-07-23;Name=Smp_151020.1;product=Transmembrane protein
17;date_creation=2022-07-23
SM_V9_4 iris    exon    46147580        46147714        .       +
        .
Parent=Smp_151020.1;Name=42dbd08d-463f-4401-8efe-57816c6a9169
SM_V9_4 iris    exon    46147761        46147864        .       +
        .       Parent=Smp_151020.1;Name=9042037a-
b1c7-4567-842d-67ac6bec3a86
SM_V9_4 iris    exon    46147911        46148024        .       +
        .       Parent=Smp_151020.1;Name=8e9f1f5d-706c-48b6-989e-
c33329ce77dc
SM_V9_4 iris    exon    46148060        46148354        .       +
        .       Parent=Smp_151020.1;Name=b9311ddd-81db-40e5-
bf15-92f47ff5573f
SM_V9_4 iris    CDS     46147615        46147714        .       +
        0       Parent=Smp_151020.1
SM_V9_4 iris    CDS     46147761        46147864        .       +
        2       Parent=Smp_151020.1
SM_V9_4 iris    CDS     46147911        46148024        .       +
        0       Parent=Smp_151020.1
SM_V9_4 iris    CDS     46148060        46148326        .       +
        0       Parent=Smp_151020.1
SM_V9_4 Liftoff gene    46157221        46174626        .       -
        .       ID=Smp_329770;geneID=Smp_329770
SM_V9_4 Liftoff mRNA    46157221        46174626        .       -
        .
ID=Smp_329770.1;Parent=Smp_329770;geneID=Smp_329770;product=Replicas
e polyprotein 1a
SM_V9_4 Liftoff exon    46157221        46174626        .       -
        .       Parent=Smp_329770.1
SM_V9_4 Liftoff CDS     46174381        46174608        .       -
        0       Parent=Smp_329770.1
SM_V9_4 iris    gene    46185024        46203036        .       -
        .
ID=Smp_151010;geneID=Smp_151010;gene_name=Smp_151010;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    46185024        46203036        .       -
        .
ID=Smp_151010.1;Parent=Smp_151010;geneID=Smp_151010;gene_name=Smp_15
1010;owner=irisadmin@local.host;orig_id=Smp_151010.1;date_last_modif
ied=2022-07-23;Name=Smp_151010.1;product=Monocarboxylate transporter
12;date_creation=2022-07-23
SM_V9_4 iris    exon    46185024        46186853        .       -
        .       Parent=Smp_151010.1;Name=72f78745-88a1-4077-
bafe-7d49915867f8
SM_V9_4 iris    exon    46194653        46195019        .       -
        .       Parent=Smp_151010.1;Name=1521d61a-9504-4107-a174-
d3a98e44f8b0
SM_V9_4 iris    exon    46198922        46199279        .       -
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Parent=Smp_151010.1;Name=9f4807cf-6275-42ef-967e-7e0eec0d5a2a
SM_V9_4 iris    exon    46202070        46202515        .       -
        .       Parent=Smp_151010.1;Name=7f600958-45ac-4786-
a4e0-84d7f9e56437
SM_V9_4 iris    exon    46202547        46202690        .       -
        .
Parent=Smp_151010.1;Name=d2d02650-0c5c-4d4f-8a66-8d6ad1364f82
SM_V9_4 iris    exon    46202721        46203036        .       -
        .       Parent=Smp_151010.1;Name=71b44cd8-8f6e-49ff-ad81-
d3889127377b
SM_V9_4 iris    CDS     46194703        46195019        .       -
        2       Parent=Smp_151010.1
SM_V9_4 iris    CDS     46198922        46199279        .       -
        0       Parent=Smp_151010.1
SM_V9_4 iris    CDS     46202070        46202515        .       -
        2       Parent=Smp_151010.1
SM_V9_4 iris    CDS     46202547        46202690        .       -
        2       Parent=Smp_151010.1
SM_V9_4 iris    CDS     46202721        46202919        .       -
        0       Parent=Smp_151010.1
SM_V9_4 Liftoff gene    46210994        46239056        .       -
        .       ID=Smp_053900;geneID=Smp_053900
SM_V9_4 Liftoff mRNA    46210994        46239056        .       -
        .
ID=Smp_053900.1;Parent=Smp_053900;geneID=Smp_053900;product=Beta-
hexosaminidase subunit
beta;polypeptide_domain=InterPro:IPR015883,IPR017853,IPR025705,IPR02
9018,IPR029019
Pfam:PF00728,PF14845;Ontology_term=GO:0004553,GO:0004563,GO:0005975
SM_V9_4 Liftoff exon    46210994        46211191        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46215985        46216086        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46218676        46218766        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46222050        46222224        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46224498        46224672        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46226096        46226300        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46236392        46236500        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46236685        46236786        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46238369        46238479        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46238541        46238653        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff exon    46238688        46239056        .       -
        .       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46211140        46211191        .       -
        1       Parent=Smp_053900.1
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SM_V9_4 Liftoff CDS     46215985        46216086        .       -
        1       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46218676        46218766        .       -
        2       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46222050        46222224        .       -
        0       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46224498        46224672        .       -
        1       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46226096        46226300        .       -
        2       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46236392        46236500        .       -
        0       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46236685        46236786        .       -
        0       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46238369        46238479        .       -
        0       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46238541        46238653        .       -
        2       Parent=Smp_053900.1
SM_V9_4 Liftoff CDS     46238688        46239027        .       -
        0       Parent=Smp_053900.1
SM_V9_4 Liftoff gene    46241990        46242812        .       +
        .       ID=Smp_193400;geneID=Smp_193400
SM_V9_4 Liftoff mRNA    46241990        46242812        .       +
        .
ID=Smp_193400.1;Parent=Smp_193400;geneID=Smp_193400;product=Putative
aryl-alcohol dehydrogenase AAD3
SM_V9_4 Liftoff exon    46241990        46242812        .       +
        .       Parent=Smp_193400.1
SM_V9_4 Liftoff CDS     46242255        46242680        .       +
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ID=Smp_194130;geneID=Smp_194130;gene_name=Smp_194130;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_4 iris    mRNA    46254079        46262044        .       -
        .
ID=Smp_194130.1;Parent=Smp_194130;geneID=Smp_194130;gene_name=Smp_19
4130;owner=irisadmin@local.host;orig_id=Smp_194130.1;date_last_modif
ied=2022-11-06;Name=Smp_194130.1;product=Plexin domain-containing
protein 1;date_creation=2022-07-23
SM_V9_4 iris    exon    46254079        46254407        .       -
        .       Parent=Smp_194130.1;Name=a026fc26-6884-4846-ab96-
da50f48032e5
SM_V9_4 iris    exon    46254458        46254583        .       -
        .       Parent=Smp_194130.1;Name=69dfaae3-
dc67-4414-99eb-073472fc5410
SM_V9_4 iris    exon    46255375        46255437        .       -
        .       Parent=Smp_194130.1;Name=28a18592-dcc1-4fb5-
b39c-59e370299860
SM_V9_4 iris    exon    46255439        46255524        .       -
        .       Parent=Smp_194130.1;Name=a1bfa2ad-9a78-4a58-ba5f-
a4ee8ad3175b
SM_V9_4 iris    exon    46256405        46256482        .       -
        .       Parent=Smp_194130.1;Name=4ca46f73-8c6a-45c2-
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b408-271b0118e9d9
SM_V9_4 iris    exon    46258262        46258328        .       -
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bb8f-4d8e-831e-419b1404f485
SM_V9_4 iris    exon    46260065        46260115        .       -
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        .       Parent=Smp_194130.1;Name=303b39cf-a48b-44e7-
ab5f-99b90a501cbb
SM_V9_4 iris    exon    46261534        46261603        .       -
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d92ba2c1eafb
SM_V9_4 iris    exon    46261661        46261750        .       -
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SM_V9_4 iris    exon    46261788        46261932        .       -
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SM_V9_4 iris    exon    46262016        46262044        .       -
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SM_V9_4 iris    CDS     46254261        46254407        .       -
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SM_V9_4 iris    CDS     46254458        46254583        .       -
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SM_V9_4 iris    CDS     46256405        46256482        .       -
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SM_V9_4 iris    CDS     46258262        46258328        .       -
        0       Parent=Smp_194130.1
SM_V9_4 iris    CDS     46259022        46259086        .       -
        2       Parent=Smp_194130.1
SM_V9_4 iris    CDS     46260065        46260115        .       -
        2       Parent=Smp_194130.1
SM_V9_4 iris    CDS     46261168        46261260        .       -
        2       Parent=Smp_194130.1
SM_V9_4 iris    CDS     46261534        46261603        .       -
        0       Parent=Smp_194130.1
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        0       Parent=Smp_194130.1
SM_V9_4 iris    CDS     46261788        46261932        .       -
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SM_V9_4 iris    CDS     46262016        46262020        .       -
        0       Parent=Smp_194130.1
SM_V9_4 Liftoff gene    46327461        46342206        .       -
        .
ID=Smp_317140;geneID=Smp_317140;previous_systematic_id=Smp_186830
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SM_V9_4 Liftoff exon    46327461        46327578        .       -
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SM_V9_4 Liftoff exon    46330508        46330587        .       -
       .       Parent=Smp_317140.1
SM_V9_4 Liftoff exon    46331620        46331748        .       -
       .       Parent=Smp_317140.1
SM_V9_4 Liftoff exon    46331868        46331969        .       -
       .       Parent=Smp_317140.1
SM_V9_4 Liftoff exon    46333469        46333552        .       -
       .       Parent=Smp_317140.1
SM_V9_4 Liftoff exon    46342150        46342206        .       -
       .       Parent=Smp_317140.1
SM_V9_4 Liftoff CDS     46327533        46327578        .       -
       1       Parent=Smp_317140.1
SM_V9_4 Liftoff CDS     46330508        46330587        .       -
       0       Parent=Smp_317140.1
SM_V9_4 Liftoff CDS     46331620        46331748        .       -
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SM_V9_4 Liftoff CDS     46331868        46331969        .       -
       0       Parent=Smp_317140.1
SM_V9_4 Liftoff CDS     46333469        46333552        .       -
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SM_V9_4 Liftoff CDS     46342150        46342161        .       -
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SM_V9_4 iris    gene    46344511        46348293        .       +
       .
ID=Smp_309140;geneID=Smp_309140;gene_name=Smp_309140;owner=irisadmin
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SM_V9_4 iris    mRNA    46344511        46348293        .       +
       .
ID=Smp_309140.1;Parent=Smp_309140;geneID=Smp_309140;gene_name=Smp_30
9140;owner=irisadmin@local.host;orig_id=Smp_309140.1;date_last_modif
ied=2022-07-23;Name=Smp_309140.1;product=Aspartate--tRNA ligase,
mitochondrial;date_creation=2022-07-23
SM_V9_4 iris    exon    46344511        46344723        .       +
       .
Parent=Smp_309140.1;Name=b07f30f6-43a2-4251-96a2-84a2bee5af1f
SM_V9_4 iris    exon    46345371        46345445        .       +
       .       Parent=Smp_309140.1;Name=1dd7567f-
e629-43a2-9f07-92a962553297
SM_V9_4 iris    exon    46347627        46347817        .       +
       .       Parent=Smp_309140.1;Name=d8fcbf63-
bce4-4f2a-890c-905c06f57ef3
SM_V9_4 iris    exon    46347866        46347941        .       +
       .       Parent=Smp_309140.1;Name=c22b5f2d-19a5-4ac8-
b57a-91995e6f30da
SM_V9_4 iris    exon    46347980        46348293        .       +
       .       Parent=Smp_309140.1;Name=f2371a64-018a-48ad-
b128-106d4ce820ec
SM_V9_4 iris    CDS     46344684        46344723        .       +
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        0       Parent=Smp_309140.1
SM_V9_4 iris    CDS     46345371        46345445        .       +
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SM_V9_4 iris    CDS     46347627        46347817        .       +
        2       Parent=Smp_309140.1
SM_V9_4 iris    CDS     46347866        46347941        .       +
        0       Parent=Smp_309140.1
SM_V9_4 iris    CDS     46347980        46348149        .       +
        2       Parent=Smp_309140.1
SM_V9_4 iris    gene    46373084        46380787        .       -
        .
ID=Smp_350210;geneID=Smp_350210;gene_name=Smp_350210;owner=irisadmin
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SM_V9_4 iris    mRNA    46373083        46380787        .       -
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ID=Smp_350210.1;Parent=Smp_350210;geneID=Smp_350210;gene_name=Smp_35
0210;owner=irisadmin@local.host;date_last_modified=2022-08-25;Name=S
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SM_V9_4 iris    exon    46373083        46373435        .       -
        .       Parent=Smp_350210.1;Name=Smp_350210.1-CDS
SM_V9_4 iris    exon    46373486        46373614        .       -
        .       Parent=Smp_350210.1;Name=35bbff43-edba-4f1c-ba7d-
bfe747a37270
SM_V9_4 iris    exon    46374379        46374512        .       -
        .       Parent=Smp_350210.1;Name=3db1a500-8e05-4806-
bc8b-9f1415fa371c
SM_V9_4 iris    exon    46375392        46375475        .       -
        .       Parent=Smp_350210.1;Name=6f906be5-ff66-4528-a707-
ed7fa564362f
SM_V9_4 iris    exon    46377237        46377303        .       -
        .       Parent=Smp_350210.1;Name=d5760c93-22b7-431e-
b176-287b24a1cdb5
SM_V9_4 iris    exon    46377997        46378061        .       -
        .       Parent=Smp_350210.1;Name=442b1dfd-a294-4570-ab2b-
fecf0997ec8c
SM_V9_4 iris    exon    46379026        46379076        .       -
        .       Parent=Smp_350210.1;Name=756a073b-5441-4eb0-
bc47-9b755eaac227
SM_V9_4 iris    exon    46379901        46379996        .       -
        .       Parent=Smp_350210.1;Name=9a66a785-c9aa-4b5d-8856-
b6c0291573fc
SM_V9_4 iris    exon    46380264        46380333        .       -
        .       Parent=Smp_350210.1;Name=a9b6fb63-e33d-4e58-
a941-82dc0d5411a7
SM_V9_4 iris    exon    46380392        46380484        .       -
        .       Parent=Smp_350210.1;Name=bb21ecb0-ed45-4f21-ba47-
da0853507123
SM_V9_4 iris    exon    46380522        46380666        .       -
        .       Parent=Smp_350210.1;Name=d8fb25d2-fffd-4794-8695-
ee7f4877e463
SM_V9_4 iris    exon    46380750        46380787        .       -
        .
Parent=Smp_350210.1;Name=7658e8bb-6d2d-4433-9d09-275ef92377e7
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SM_V9_4 iris    CDS     46375392        46375475        .       -
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SM_V9_4 iris    CDS     46377237        46377303        .       -
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SM_V9_4 iris    CDS     46377997        46378061        .       -
        2       Parent=Smp_350210.1
SM_V9_4 iris    CDS     46379026        46379076        .       -
        2       Parent=Smp_350210.1
SM_V9_4 iris    CDS     46379901        46379996        .       -
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SM_V9_4 iris    CDS     46380264        46380333        .       -
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SM_V9_4 iris    CDS     46380392        46380484        .       -
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ID=Smp_334450.1;Parent=Smp_334450;geneID=Smp_334450;product=Protein
lev-9;polypeptide_domain=InterPro:IPR000436 Pfam:PF00084
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SM_V9_5 Liftoff exon    22993   23217   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff exon    24994   25391   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff exon    30958   31042   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff exon    34097   34270   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff exon    34954   35013   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff exon    39497   39646   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff exon    40439   40639   .       -       .
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SM_V9_5 Liftoff exon    45366   45554   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff exon    50958   51402   .       -       .
Parent=Smp_334450.1
SM_V9_5 Liftoff CDS     21852   22111   .       -       2
Parent=Smp_334450.1
SM_V9_5 Liftoff CDS     22993   23217   .       -       2
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SM_V9_5 Liftoff CDS     30958   31042   .       -       2
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SM_V9_5 Liftoff CDS     34954   35013   .       -       2
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SM_V9_5 Liftoff CDS     39497   39646   .       -       2
Parent=Smp_334450.1
SM_V9_5 Liftoff CDS     40439   40639   .       -       2
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Parent=Smp_334450.1
SM_V9_5 Liftoff gene    60916   70200   .       +       .
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ID=Smp_165490.1;Parent=Smp_165490;geneID=Smp_165490;product=Serine/
threonine-protein phosphatase 2A catalytic subunit alpha
isoform;polypeptide_domain=InterPro:IPR004843,IPR006186,IPR029052
Pfam:PF00149;Ontology_term=GO:0016787
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Parent=Smp_165490.1
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Parent=Smp_165490.1
SM_V9_5 Liftoff exon    68116   70200   .       +       .
Parent=Smp_165490.1
SM_V9_5 Liftoff CDS     61035   61142   .       +       0
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SM_V9_5 Liftoff CDS     61626   61715   .       +       0
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SM_V9_5 Liftoff CDS     64988   65268   .       +       0
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SM_V9_5 Liftoff CDS     68116   68188   .       +       1
Parent=Smp_165490.1
SM_V9_5 Liftoff gene    71297   100372  .       -       .
ID=Smp_334460;geneID=Smp_334460;previous_systematic_id=Smp_165500,Sm
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ID=Smp_334460.1;Parent=Smp_334460;geneID=Smp_334460;product=Hypothet
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Parent=Smp_334460.1
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Parent=Smp_334460.1
SM_V9_5 Liftoff CDS     94546   94857   .       -       2
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SM_V9_5 Liftoff CDS     100007  100169  .       -       0
Parent=Smp_334460.1
SM_V9_5 Liftoff gene    112116  154792  .       -       .
ID=Smp_165530;geneID=Smp_165530
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ID=Smp_165530.1;Parent=Smp_165530;geneID=Smp_165530;product=Unconven
tional myosin-IXa;polypeptide_domain=InterPro:IPR000198,IPR008936
Pfam:PF00620;Ontology_term=GO:0007165
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Parent=Smp_165530.1
SM_V9_5 Liftoff exon    117256  117632  .       -       .
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SM_V9_5 Liftoff exon    118859  118997  .       -       .
Parent=Smp_165530.1
SM_V9_5 Liftoff exon    130019  130262  .       -       .
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SM_V9_5 Liftoff exon    132271  132815  .       -       .
Parent=Smp_165530.1
SM_V9_5 Liftoff exon    136790  137317  .       -       .
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SM_V9_5 Liftoff exon    146638  154792  .       -       .
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SM_V9_5 Liftoff CDS     117256  117632  .       -       2
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SM_V9_5 Liftoff CDS     118859  118997  .       -       0
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ID=Smp_070600;geneID=Smp_070600;gene_name=Smp_070600;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    356563  376258  .       -       .
ID=Smp_070600.1;Parent=Smp_070600;geneID=Smp_070600;gene_name=Smp_07
0600;owner=irisadmin@local.host;orig_id=Smp_070600.1;date_last_modif
ied=2022-07-17;Name=Smp_070600.1;product=Transaldolase;date_creation
=2022-07-17
SM_V9_5 iris    exon    356563  356937  .       -       .
Parent=Smp_070600.1;Name=a6d3fcb3-767a-4d14-b762-8256b2f5e1a2
SM_V9_5 iris    exon    358847  358985  .       -       .
Parent=Smp_070600.1;Name=eb31f482-080f-4f3c-be89-6124f9983c38
SM_V9_5 iris    exon    370433  370606  .       -       .
Parent=Smp_070600.1;Name=9856e44d-31c4-4111-bcf8-28f5a18b20d2
SM_V9_5 iris    exon    372908  373100  .       -       .
Parent=Smp_070600.1;Name=6a017183-e01d-431f-a84b-a608a83649e9
SM_V9_5 iris    exon    373153  373260  .       -       .
Parent=Smp_070600.1;Name=4ef25a43-c69f-4c25-8400-f4e726e2882b
SM_V9_5 iris    exon    373303  373426  .       -       .
Parent=Smp_070600.1;Name=c05c68fb-7275-4e19-947b-8d0bbd80234e
SM_V9_5 iris    exon    373491  373574  .       -       .
Parent=Smp_070600.1;Name=112b3ea7-4691-427c-a46a-f2dd5317b50c
SM_V9_5 iris    exon    376205  376258  .       -       .
Parent=Smp_070600.1;Name=6af6210d-f255-4271-94c9-c831c7698a4f
SM_V9_5 iris    CDS     356747  356937  .       -       2
Parent=Smp_070600.1
SM_V9_5 iris    CDS     358847  358985  .       -       0
Parent=Smp_070600.1
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Parent=Smp_070600.1
SM_V9_5 iris    CDS     372908  373100  .       -       1
Parent=Smp_070600.1
SM_V9_5 iris    CDS     373153  373260  .       -       1
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Parent=Smp_070600.1
SM_V9_5 iris    CDS     373491  373557  .       -       0
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Parent=Smp_070600.1
SM_V9_5 iris    gene    390910  400830  .       +       .
ID=Smp_329940;geneID=Smp_329940;gene_name=Smp_329940;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    390910  400830  .       +       .
ID=Smp_329940.1;Parent=Smp_329940;geneID=Smp_329940;gene_name=Smp_32
9940;owner=irisadmin@local.host;orig_id=Smp_329940.2;date_last_modif
ied=2022-07-17;Name=Smp_329940.1;product=Imidazoleglycerol-phosphate
dehydratase;date_creation=2022-07-17
SM_V9_5 iris    exon    390910  391076  .       +       .
Parent=Smp_329940.1;Name=1f91199e-ac20-4a35-96b8-9a4c46a360a2
SM_V9_5 iris    exon    393379  393417  .       +       .
Parent=Smp_329940.1;Name=70e632e8-263d-437d-a31a-d534d0b34da0
SM_V9_5 iris    exon    394152  394217  .       +       .
Parent=Smp_329940.1;Name=2c5bb2e5-c20f-4425-98f1-29270955780a
SM_V9_5 iris    exon    395832  395897  .       +       .
Parent=Smp_329940.1;Name=c50a9692-5780-4b47-b584-55b06353fe38
SM_V9_5 iris    exon    396976  397062  .       +       .
Parent=Smp_329940.1;Name=83475c6a-71cc-4ae4-8619-7ecd885a63a7
SM_V9_5 iris    exon    399598  399654  .       +       .
Parent=Smp_329940.1;Name=e6315d1c-2daa-4853-8536-06c794936793
SM_V9_5 iris    exon    400543  400830  .       +       .
Parent=Smp_329940.1;Name=0fcf3d02-d99a-496c-bea3-8592cced3fb9
SM_V9_5 iris    CDS     390956  391076  .       +       0
Parent=Smp_329940.1
SM_V9_5 iris    CDS     393379  393417  .       +       2
Parent=Smp_329940.1
SM_V9_5 iris    CDS     394152  394217  .       +       2
Parent=Smp_329940.1
SM_V9_5 iris    CDS     395832  395897  .       +       2
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SM_V9_5 iris    CDS     396976  397062  .       +       2
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SM_V9_5 iris    CDS     399598  399654  .       +       2
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SM_V9_5 iris    CDS     400543  400553  .       +       2
Parent=Smp_329940.1
SM_V9_5 Liftoff gene    414428  430621  .       +       .
ID=Smp_070610;geneID=Smp_070610
SM_V9_5 Liftoff mRNA    414428  430621  .       +       .
ID=Smp_070610.1;Parent=Smp_070610;geneID=Smp_070610;product=MOB
kinase activator 1B;polypeptide_domain=InterPro:IPR005301
Pfam:PF03637
SM_V9_5 Liftoff exon    414428  415288  .       +       .
Parent=Smp_070610.1
SM_V9_5 Liftoff exon    422005  422232  .       +       .
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Parent=Smp_070610.1
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Parent=Smp_070610.1
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Parent=Smp_070610.1
SM_V9_5 Liftoff CDS     428227  428390  .       +       2
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Parent=Smp_070610.1
SM_V9_5 iris    gene    438763  450184  .       -       .
ID=Smp_212250;geneID=Smp_212250;gene_name=Smp_212250;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    438763  450184  .       -       .
ID=Smp_212250.1;Parent=Smp_212250;geneID=Smp_212250;gene_name=Smp_21
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ied=2022-07-17;Name=Smp_212250.1;product=Sepiapterin
reductase;date_creation=2022-07-17
SM_V9_5 iris    exon    438763  439896  .       -       .
Parent=Smp_212250.1;Name=f17f8c41-6e9a-4341-9c9f-94fe3f956704
SM_V9_5 iris    exon    447411  447635  .       -       .
Parent=Smp_212250.1;Name=83b9feb9-dd66-40eb-8a21-11757ae27143
SM_V9_5 iris    exon    450015  450184  .       -       .
Parent=Smp_212250.1;Name=60f7790d-7017-4353-8831-4576ca9a5b34
SM_V9_5 iris    CDS     439141  439896  .       -       0
Parent=Smp_212250.1
SM_V9_5 iris    CDS     447411  447635  .       -       0
Parent=Smp_212250.1
SM_V9_5 Liftoff gene    480478  491798  .       +       .
ID=Smp_160530;geneID=Smp_160530
SM_V9_5 Liftoff mRNA    480478  491798  .       +       .
ID=Smp_160530.1;Parent=Smp_160530;geneID=Smp_160530;product=Carnosin
e N-
methyltransferase;polypeptide_domain=InterPro:IPR012901,IPR029063
Pfam:PF07942
SM_V9_5 Liftoff exon    480478  480881  .       +       .
Parent=Smp_160530.1
SM_V9_5 Liftoff exon    480919  481105  .       +       .
Parent=Smp_160530.1
SM_V9_5 Liftoff exon    481146  481384  .       +       .
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SM_V9_5 Liftoff exon    482251  482391  .       +       .
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SM_V9_5 Liftoff CDS     482251  482391  .       +       1
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SM_V9_5 Liftoff CDS     483171  483349  .       +       1
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Parent=Smp_160530.1
SM_V9_5 Liftoff CDS     488357  488460  .       +       2
Parent=Smp_160530.1
SM_V9_5 Liftoff CDS     491387  491581  .       +       0
Parent=Smp_160530.1
SM_V9_5 iris    gene    557070  591758  .       -       .
ID=Smp_070640;geneID=Smp_070640;gene_name=Smp_070640;owner=irisadmin
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SM_V9_5 iris    mRNA    557070  591758  .       -       .
ID=Smp_070640.1;Parent=Smp_070640;geneID=Smp_070640;gene_name=Smp_07
0640;owner=irisadmin@local.host;orig_id=Smp_070640.1;date_last_modif
ied=2022-08-19;Name=Smp_070640.1;product=Protein
unc-112;date_creation=2022-08-19
SM_V9_5 iris    exon    557070  558821  .       -       .
Parent=Smp_070640.1;Name=fcfee4b0-c24b-48f7-bc4a-950336aedf23
SM_V9_5 iris    exon    560618  561496  .       -       .
Parent=Smp_070640.1;Name=4fb4e1c2-b9e1-4c23-933b-c44a697a0433
SM_V9_5 iris    exon    564945  565583  .       -       .
Parent=Smp_070640.1;Name=34418290-94a6-46dd-81d0-ce9fad98c336
SM_V9_5 iris    exon    590273  591758  .       -       .
Parent=Smp_070640.1;Name=077566f3-cf88-44bb-bf9f-6a76783425bb
SM_V9_5 iris    CDS     558180  558821  .       -       0
Parent=Smp_070640.1
SM_V9_5 iris    CDS     560618  561496  .       -       0
Parent=Smp_070640.1
SM_V9_5 iris    CDS     564945  565583  .       -       0
Parent=Smp_070640.1
SM_V9_5 iris    CDS     590273  591541  .       -       0
Parent=Smp_070640.1
SM_V9_5 iris    gene    619668  629212  .       +       .
ID=Smp_160540;geneID=Smp_160540;gene_name=Smp_160540;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    619668  629212  .       +       .
ID=Smp_160540.1;Parent=Smp_160540;geneID=Smp_160540;gene_name=Smp_16
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protein;date_creation=2022-08-02
SM_V9_5 iris    exon    619668  619725  .       +       .
Parent=Smp_160540.1;Name=8d0228ab-31b7-406a-b8e5-41c8c0db2d14
SM_V9_5 iris    exon    626830  626943  .       +       .
Parent=Smp_160540.1;Name=1e357562-d045-4bbe-bdf4-aed3e98c7778
SM_V9_5 iris    exon    626980  627119  .       +       .
Parent=Smp_160540.1;Name=65faab66-9779-478b-84fd-fd8a9bf28933
SM_V9_5 iris    exon    628837  629212  .       +       .
Parent=Smp_160540.1;Name=bb81625d-ccb3-485d-a0c5-caaa5ce33416
SM_V9_5 iris    CDS     626830  626943  .       +       0
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SM_V9_5 iris    CDS     626980  627119  .       +       0
Parent=Smp_160540.1
SM_V9_5 iris    CDS     628837  629098  .       +       1
Parent=Smp_160540.1
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SM_V9_5 iris    gene    645383  648579  .       -       .
ID=Smp_345210;geneID=Smp_345210;gene_name=Smp_345210;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    645383  648579  .       -       .
ID=Smp_345210.1;Parent=Smp_345210;geneID=Smp_345210;gene_name=Smp_34
5210;owner=irisadmin@local.host;orig_id=Smp_345210.2;date_last_modif
ied=2022-07-17;Name=Smp_345210.1;product=Integration host factor
subunit alpha;date_creation=2022-07-17
SM_V9_5 iris    exon    645383  645748  .       -       .
Parent=Smp_345210.1;Name=9354af7c-f4c0-418a-a4f4-12f4b7d38bd2
SM_V9_5 iris    exon    646397  646492  .       -       .
Parent=Smp_345210.1;Name=3a91fec2-dffc-41c1-a99f-e0163a5bdae1
SM_V9_5 iris    exon    647572  647694  .       -       .
Parent=Smp_345210.1;Name=09b0e49d-170c-4f66-83e3-bc1f8b165de1
SM_V9_5 iris    exon    648426  648579  .       -       .
Parent=Smp_345210.1;Name=8ef3a659-3b2f-4dd3-a3f0-dacbde7919eb
SM_V9_5 iris    CDS     645471  645748  .       -       2
Parent=Smp_345210.1
SM_V9_5 iris    CDS     646397  646492  .       -       2
Parent=Smp_345210.1
SM_V9_5 iris    CDS     647572  647694  .       -       2
Parent=Smp_345210.1
SM_V9_5 iris    CDS     648426  648546  .       -       0
Parent=Smp_345210.1
SM_V9_5 iris    gene    665298  678104  .       -       .
ID=Smp_314200;geneID=Smp_314200;gene_name=Smp_314200;owner=irisadmin
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SM_V9_5 iris    mRNA    665298  678104  .       -       .
ID=Smp_314200.1;Parent=Smp_314200;geneID=Smp_314200;gene_name=Smp_31
4200;owner=irisadmin@local.host;orig_id=Smp_314200.2;date_last_modif
ied=2022-11-13;Name=Smp_314200.1;product=Probable deferrochelatase/
peroxidase YfeX;date_creation=2022-07-17
SM_V9_5 iris    exon    665298  665701  .       -       .
Parent=Smp_314200.1;Name=292af3aa-966a-41dd-9326-404fe3df263b
SM_V9_5 iris    exon    666283  666378  .       -       .
Parent=Smp_314200.1;Name=de0e8ade-6520-4fea-a162-54ecd65cb465
SM_V9_5 iris    exon    671885  672007  .       -       .
Parent=Smp_314200.1;Name=d6dcae13-c15a-411c-bac7-6c52abc9bbc3
SM_V9_5 iris    exon    674100  674261  .       -       .
Parent=Smp_314200.1;Name=c5ed76e3-178f-43cf-85ed-9f6a12cc8f46
SM_V9_5 iris    exon    674802  674979  .       -       .
Parent=Smp_314200.1;Name=ffadd52a-80c8-4de8-a8d6-788c870d8633
SM_V9_5 iris    exon    677722  677820  .       -       .
Parent=Smp_314200.1;Name=05f32b2c-3f45-424a-81cd-9ae9c7ff44f0
SM_V9_5 iris    exon    677858  678015  .       -       .
Parent=Smp_314200.1;Name=17366d8a-916a-4b09-99e2-6c3122d01f3b
SM_V9_5 iris    exon    678053  678104  .       -       .
Parent=Smp_314200.1;Name=9cbdc6c5-7e67-4411-b764-1c7402750ed6
SM_V9_5 iris    CDS     665421  665701  .       -       2
Parent=Smp_314200.1
SM_V9_5 iris    CDS     666283  666378  .       -       2
Parent=Smp_314200.1
SM_V9_5 iris    CDS     671885  672007  .       -       2
Parent=Smp_314200.1
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SM_V9_5 iris    CDS     674100  674261  .       -       2
Parent=Smp_314200.1
SM_V9_5 iris    CDS     674802  674979  .       -       0
Parent=Smp_314200.1
SM_V9_5 iris    CDS     677722  677820  .       -       0
Parent=Smp_314200.1
SM_V9_5 iris    CDS     677858  678015  .       -       2
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SM_V9_5 iris    CDS     678053  678080  .       -       0
Parent=Smp_314200.1
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ID=Smp_317150;geneID=Smp_317150;gene_name=Smp_317150;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    686038  700032  .       +       .
ID=Smp_317150.1;Parent=Smp_317150;geneID=Smp_317150;gene_name=Smp_31
7150;owner=irisadmin@local.host;orig_id=Smp_317150.1;date_last_modif
ied=2022-07-17;Name=Smp_317150.1;product=Probable deferrochelatase/
peroxidase YfeX;date_creation=2022-07-17
SM_V9_5 iris    exon    686038  686096  .       +       .
Parent=Smp_317150.1;Name=db8c42d9-de56-4859-9318-8545840fc92b
SM_V9_5 iris    exon    686134  686291  .       +       .
Parent=Smp_317150.1;Name=78d7f1ba-15e8-453e-a6cc-0d100397d94f
SM_V9_5 iris    exon    686329  686427  .       +       .
Parent=Smp_317150.1;Name=641132b0-2713-4a4c-a459-ed7fc5f0ba25
SM_V9_5 iris    exon    689169  689346  .       +       .
Parent=Smp_317150.1;Name=6ce529d2-d33a-44cd-9924-083f2bf00ab5
SM_V9_5 iris    exon    689887  690048  .       +       .
Parent=Smp_317150.1;Name=b2728601-8f66-4149-b35f-8ecad757e266
SM_V9_5 iris    exon    692141  692263  .       +       .
Parent=Smp_317150.1;Name=2a524ac5-6a3c-481c-91cf-7d28473d4989
SM_V9_5 iris    exon    698971  699066  .       +       .
Parent=Smp_317150.1;Name=587171a2-f856-41c1-88c7-7430afa59217
SM_V9_5 iris    exon    699647  700032  .       +       .
Parent=Smp_317150.1;Name=0928855c-03e9-46fa-86f4-220b0bcee64b
SM_V9_5 iris    CDS     686078  686096  .       +       0
Parent=Smp_317150.1
SM_V9_5 iris    CDS     686134  686291  .       +       2
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SM_V9_5 iris    CDS     689887  690048  .       +       2
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SM_V9_5 iris    CDS     692141  692263  .       +       2
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SM_V9_5 iris    CDS     698971  699066  .       +       2
Parent=Smp_317150.1
SM_V9_5 iris    CDS     699647  699927  .       +       2
Parent=Smp_317150.1
SM_V9_5 iris    gene    705538  711867  .       +       .
ID=Smp_346170;geneID=Smp_346170;gene_name=Smp_346170;owner=irisadmin
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SM_V9_5 iris    mRNA    705538  711867  .       +       .
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peroxidase YfeX;date_creation=2022-07-17
SM_V9_5 iris    exon    705538  705617  .       +       .
Parent=Smp_346170.1;Name=49986b45-0a55-432f-b673-f213b35dd4bf
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Parent=Smp_346170.1;Name=dcee34d0-9e02-427a-af9a-66bd513d3733
SM_V9_5 iris    exon    705850  705948  .       +       .
Parent=Smp_346170.1;Name=f9b73414-c9f1-4d78-96e7-9b745eb53d30
SM_V9_5 iris    exon    706141  706315  .       +       .
Parent=Smp_346170.1;Name=41919fdd-f596-499a-b3a0-ebf142932ab5
SM_V9_5 iris    exon    706917  707078  .       +       .
Parent=Smp_346170.1;Name=ef6af648-233c-4ac5-a8d8-0f0bbe1b04c4
SM_V9_5 iris    exon    708412  708534  .       +       .
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Parent=Smp_346170.1;Name=fb773109-9bb7-46d3-9171-263a00419fcc
SM_V9_5 iris    exon    711518  711867  .       +       .
Parent=Smp_346170.1;Name=7efc4b6c-992b-4b1d-a881-e39aa2f487a3
SM_V9_5 iris    CDS     705590  705617  .       +       0
Parent=Smp_346170.1
SM_V9_5 iris    CDS     705657  705814  .       +       2
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SM_V9_5 iris    CDS     705850  705948  .       +       0
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SM_V9_5 iris    CDS     706141  706315  .       +       0
Parent=Smp_346170.1
SM_V9_5 iris    CDS     706917  707078  .       +       2
Parent=Smp_346170.1
SM_V9_5 iris    CDS     708412  708534  .       +       2
Parent=Smp_346170.1
SM_V9_5 iris    CDS     710038  710133  .       +       2
Parent=Smp_346170.1
SM_V9_5 iris    CDS     711518  711789  .       +       2
Parent=Smp_346170.1
SM_V9_5 Liftoff gene    733495  738524  .       -       .
ID=Smp_314210;geneID=Smp_314210;previous_systematic_id=Smp_160560
SM_V9_5 Liftoff mRNA    733495  738524  .       -       .
ID=Smp_314210.1;Parent=Smp_314210;geneID=Smp_314210;product=Probable
deferrochelatase/peroxidase
YfeX;polypeptide_domain=InterPro:IPR006314,IPR011008
Pfam:PF04261;Ontology_term=GO:0004601,GO:0020037,GO:0055114
SM_V9_5 Liftoff exon    733495  733861  .       -       .
Parent=Smp_314210.1
SM_V9_5 Liftoff exon    734514  734609  .       -       .
Parent=Smp_314210.1
SM_V9_5 Liftoff exon    735750  735872  .       -       .
Parent=Smp_314210.1
SM_V9_5 Liftoff exon    736685  736846  .       -       .
Parent=Smp_314210.1
SM_V9_5 Liftoff exon    737110  737287  .       -       .
Parent=Smp_314210.1
SM_V9_5 Liftoff exon    738137  738232  .       -       .
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Parent=Smp_314210.1
SM_V9_5 Liftoff exon    738272  738524  .       -       .
Parent=Smp_314210.1
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Parent=Smp_314210.1
SM_V9_5 Liftoff CDS     734514  734609  .       -       2
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Parent=Smp_314210.1
SM_V9_5 Liftoff CDS     738272  738403  .       -       0
Parent=Smp_314210.1
SM_V9_5 iris    gene    775653  783461  .       +       .
ID=Smp_349160;geneID=Smp_349160;gene_name=Smp_349160;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    775653  783461  .       +       .
ID=Smp_349160.1;Parent=Smp_349160;geneID=Smp_349160;gene_name=Smp_34
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SM_V9_5 iris    exon    775653  775681  .       +       .
Parent=Smp_349160.1;Name=Smp_349160.1-CDS
SM_V9_5 iris    exon    775765  775909  .       +       .
Parent=Smp_349160.1;Name=6896db2f-c428-445d-8715-ac89ba145dfd
SM_V9_5 iris    exon    775947  776039  .       +       .
Parent=Smp_349160.1;Name=39e7c826-5aa7-4737-844a-989a5148ed6d
SM_V9_5 iris    exon    776098  776167  .       +       .
Parent=Smp_349160.1;Name=498c5a8e-a5f3-4a55-ab34-f1b68b4ebdc9
SM_V9_5 iris    exon    776439  776540  .       +       .
Parent=Smp_349160.1;Name=975ca80c-214b-4a65-b025-bab474d0deae
SM_V9_5 iris    exon    777531  777581  .       +       .
Parent=Smp_349160.1;Name=06b0fcc9-b28c-4655-8497-b007cc57d023
SM_V9_5 iris    exon    778570  778634  .       +       .
Parent=Smp_349160.1;Name=cc9ed14b-f24e-4191-afe2-0850e1a24373
SM_V9_5 iris    exon    779329  779395  .       +       .
Parent=Smp_349160.1;Name=cdbc72f9-a012-46ba-9f91-ff2b0ce8315e
SM_V9_5 iris    exon    780701  780778  .       +       .
Parent=Smp_349160.1;Name=ec2d05e5-d5eb-4849-b069-853de3c98439
SM_V9_5 iris    exon    782013  782161  .       +       .
Parent=Smp_349160.1;Name=ec341173-520a-4277-a7d9-420b8d6aa0de
SM_V9_5 iris    exon    783113  783461  .       +       .
Parent=Smp_349160.1;Name=30a1828a-4eb0-4277-a7ff-080392745bdb
SM_V9_5 iris    CDS     775677  775681  .       +       0
Parent=Smp_349160.1
SM_V9_5 iris    CDS     775765  775909  .       +       1
Parent=Smp_349160.1
SM_V9_5 iris    CDS     775947  776039  .       +       0
Parent=Smp_349160.1
SM_V9_5 iris    CDS     776098  776167  .       +       0
Parent=Smp_349160.1
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SM_V9_5 iris    CDS     776439  776540  .       +       2
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Parent=Smp_349160.1
SM_V9_5 iris    CDS     778570  778634  .       +       2
Parent=Smp_349160.1
SM_V9_5 iris    CDS     779329  779395  .       +       0
Parent=Smp_349160.1
SM_V9_5 iris    CDS     780701  780778  .       +       2
Parent=Smp_349160.1
SM_V9_5 iris    CDS     782013  782161  .       +       2
Parent=Smp_349160.1
SM_V9_5 iris    CDS     783113  783145  .       +       0
Parent=Smp_349160.1
SM_V9_5 iris    gene    869406  876789  .       -       .
ID=Smp_349170;geneID=Smp_349170;gene_name=Smp_349170;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    869406  876789  .       -       .
ID=Smp_349170.1;Parent=Smp_349170;geneID=Smp_349170;gene_name=Smp_34
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SM_V9_5 iris    exon    869406  869657  .       -       .
Parent=Smp_349170.1;Name=Smp_349170.1-CDS
SM_V9_5 iris    exon    871263  871367  .       -       .
Parent=Smp_349170.1;Name=9575c799-5756-4ecf-abf5-1323bffffb81
SM_V9_5 iris    exon    872009  872089  .       -       .
Parent=Smp_349170.1;Name=9fb9dccd-f000-4d8c-bced-0880e8400c14
SM_V9_5 iris    exon    873023  873089  .       -       .
Parent=Smp_349170.1;Name=44a029af-fb9c-464b-af7c-b023540b8364
SM_V9_5 iris    exon    873763  873827  .       -       .
Parent=Smp_349170.1;Name=ccc319d6-149f-404f-9394-1c48642ec0e3
SM_V9_5 iris    exon    874813  874863  .       -       .
Parent=Smp_349170.1;Name=f7cad36b-1ee3-42ff-a4c7-edceb04702d6
SM_V9_5 iris    exon    875914  876012  .       -       .
Parent=Smp_349170.1;Name=8c15b909-ef1d-49e0-bbad-4dc45a2a6294
SM_V9_5 iris    exon    876279  876348  .       -       .
Parent=Smp_349170.1;Name=5d0264f6-eb08-432d-af28-8ce1e181b212
SM_V9_5 iris    exon    876406  876498  .       -       .
Parent=Smp_349170.1;Name=a5a97646-def0-4fd2-952d-9ec30d349097
SM_V9_5 iris    exon    876536  876680  .       -       .
Parent=Smp_349170.1;Name=91e13ea6-df99-4dbf-b8ab-d203ff8a5639
SM_V9_5 iris    exon    876764  876789  .       -       .
Parent=Smp_349170.1;Name=c71e3a54-3ea7-4206-a5b7-f6050977d59c
SM_V9_5 iris    CDS     869626  869657  .       -       2
Parent=Smp_349170.1
SM_V9_5 iris    CDS     871263  871367  .       -       2
Parent=Smp_349170.1
SM_V9_5 iris    CDS     872009  872089  .       -       2
Parent=Smp_349170.1
SM_V9_5 iris    CDS     873023  873089  .       -       0
Parent=Smp_349170.1
SM_V9_5 iris    CDS     873763  873827  .       -       2
Parent=Smp_349170.1
SM_V9_5 iris    CDS     874813  874863  .       -       2
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Parent=Smp_349170.1
SM_V9_5 iris    CDS     875914  876012  .       -       2
Parent=Smp_349170.1
SM_V9_5 iris    CDS     876279  876348  .       -       0
Parent=Smp_349170.1
SM_V9_5 iris    CDS     876406  876498  .       -       0
Parent=Smp_349170.1
SM_V9_5 iris    CDS     876536  876680  .       -       1
Parent=Smp_349170.1
SM_V9_5 iris    CDS     876764  876768  .       -       0
Parent=Smp_349170.1
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ID=Smp_349180;geneID=Smp_349180;gene_name=Smp_349180;owner=irisadmin
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SM_V9_5 iris    mRNA    1056277 1063544 .       +       .
ID=Smp_349180.1;Parent=Smp_349180;geneID=Smp_349180;gene_name=Smp_34
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SM_V9_5 iris    exon    1056277 1056551 .       +       .
Parent=Smp_349180.1;Name=Smp_349180.1-CDS
SM_V9_5 iris    exon    1056609 1056678 .       +       .
Parent=Smp_349180.1;Name=756ce1d1-985e-4a83-afd2-366f3de2a9ff
SM_V9_5 iris    exon    1056945 1057044 .       +       .
Parent=Smp_349180.1;Name=dd3205b0-57df-4b35-a4ca-14a63db67695
SM_V9_5 iris    exon    1058094 1058144 .       +       .
Parent=Smp_349180.1;Name=5b66f07f-4ce6-480f-8f7e-d83c9e06a80c
SM_V9_5 iris    exon    1059130 1059194 .       +       .
Parent=Smp_349180.1;Name=28ec6fdc-823c-44a8-b9ca-741fcb90452b
SM_V9_5 iris    exon    1059868 1059934 .       +       .
Parent=Smp_349180.1;Name=0a4138c4-3cad-46cc-9b7d-439003be7498
SM_V9_5 iris    exon    1060868 1060948 .       +       .
Parent=Smp_349180.1;Name=32fb5c45-3eee-40d9-8056-5e1c2a0ab9c9
SM_V9_5 iris    exon    1061589 1061693 .       +       .
Parent=Smp_349180.1;Name=0b4111d7-6f85-4690-ba8c-e254ccd2d962
SM_V9_5 iris    exon    1063299 1063544 .       +       .
Parent=Smp_349180.1;Name=2d4cc75d-0be5-4ba7-a19e-ce944b1e7f5a
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SM_V9_5 iris    CDS     1056609 1056678 .       +       1
Parent=Smp_349180.1
SM_V9_5 iris    CDS     1056945 1057044 .       +       0
Parent=Smp_349180.1
SM_V9_5 iris    CDS     1058094 1058144 .       +       2
Parent=Smp_349180.1
SM_V9_5 iris    CDS     1059130 1059194 .       +       2
Parent=Smp_349180.1
SM_V9_5 iris    CDS     1059868 1059934 .       +       0
Parent=Smp_349180.1
SM_V9_5 iris    CDS     1060868 1060948 .       +       2
Parent=Smp_349180.1
SM_V9_5 iris    CDS     1061589 1061693 .       +       2
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SM_V9_5 iris    CDS     1063299 1063330 .       +       2
Parent=Smp_349180.1
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SM_V9_5 iris    gene    1164771 1172636 .       -       .
ID=Smp_349190;geneID=Smp_349190;gene_name=Smp_349190;owner=irisadmin
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SM_V9_5 iris    mRNA    1164764 1172636 .       -       .
ID=Smp_349190.1;Parent=Smp_349190;geneID=Smp_349190;gene_name=Smp_34
9190;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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SM_V9_5 iris    exon    1164764 1165018 .       -       .
Parent=Smp_349190.1;Name=Smp_349190.1-CDS
SM_V9_5 iris    exon    1165975 1166123 .       -       .
Parent=Smp_349190.1;Name=f7b53e77-f6ea-4d19-8f3b-debeec1166d2
SM_V9_5 iris    exon    1167004 1167081 .       -       .
Parent=Smp_349190.1;Name=adec38f5-1ad9-4e44-96a0-eac612a8266f
SM_V9_5 iris    exon    1168838 1168904 .       -       .
Parent=Smp_349190.1;Name=74dfc53d-ef88-48f1-8f12-3dce1bd42a13
SM_V9_5 iris    exon    1169598 1169662 .       -       .
Parent=Smp_349190.1;Name=3f426b42-f077-4f02-9d17-c92dce2dd65b
SM_V9_5 iris    exon    1170649 1170699 .       -       .
Parent=Smp_349190.1;Name=025cad9b-bd1c-41c7-882c-689385c56180
SM_V9_5 iris    exon    1171754 1171852 .       -       .
Parent=Smp_349190.1;Name=beeb610e-07b3-4ad8-8ec6-03aff110231a
SM_V9_5 iris    exon    1172125 1172191 .       -       .
Parent=Smp_349190.1;Name=dada4157-fd74-459b-a209-44ca41d5c3df
SM_V9_5 iris    exon    1172251 1172343 .       -       .
Parent=Smp_349190.1;Name=5aa27367-72d1-46a6-a9fa-8ae11676313b
SM_V9_5 iris    exon    1172381 1172525 .       -       .
Parent=Smp_349190.1;Name=55b52c3d-a541-4620-8dd6-932033933348
SM_V9_5 iris    exon    1172609 1172636 .       -       .
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SM_V9_5 iris    CDS     1168838 1168904 .       -       0
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ID=Smp_329950;geneID=Smp_329950
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ID=Smp_329950.1;Parent=Smp_329950;geneID=Smp_329950;product=Protein
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Parent=Smp_329950.1
SM_V9_5 Liftoff CDS     1216861 1217082 .       -       0
Parent=Smp_329950.1
SM_V9_5 iris    gene    1259408 1266789 .       +       .
ID=Smp_154590;geneID=Smp_154590;gene_name=Smp_154590;owner=irisadmin
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SM_V9_5 iris    mRNA    1259403 1266789 .       +       .
ID=Smp_154590.1;Parent=Smp_154590;geneID=Smp_154590;gene_name=Smp_15
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homolog;date_creation=2022-07-17
SM_V9_5 iris    exon    1259403 1259434 .       +       .
Parent=Smp_154590.1;Name=Smp_154590.1-CDS
SM_V9_5 iris    exon    1259518 1259662 .       +       .
Parent=Smp_154590.1;Name=520df7fa-de01-43b0-ba24-0b59e2ce3405
SM_V9_5 iris    exon    1259700 1259792 .       +       .
Parent=Smp_154590.1;Name=4591ad5b-000c-496d-b8d7-72881b57044e
SM_V9_5 iris    exon    1259850 1259919 .       +       .
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SM_V9_5 iris    exon    1260186 1260284 .       +       .
Parent=Smp_154590.1;Name=6d170533-b35f-4fdb-8fc1-75348019c801
SM_V9_5 iris    exon    1261335 1261385 .       +       .
Parent=Smp_154590.1;Name=28cced44-bea0-4691-9a0a-ce658ddcb58f
SM_V9_5 iris    exon    1262371 1262435 .       +       .
Parent=Smp_154590.1;Name=3a64dd3e-c995-4ac3-93f7-f9706475bc33
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Parent=Smp_154590.1;Name=80dea1a9-099f-4050-aca4-82bebb4087fa
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Parent=Smp_154590.1;Name=2e8438aa-f8dd-4db8-b5a6-57df0c57982b
SM_V9_5 iris    exon    1266541 1266789 .       +       .
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Parent=Smp_154590.1
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ID=Smp_201330;geneID=Smp_201330;gene_name=Smp_201330;owner=irisadmin
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SM_V9_5 iris    mRNA    1542884 1550410 .       -       .
ID=Smp_201330.1;Parent=Smp_201330;geneID=Smp_201330;gene_name=Smp_20
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dioxygenase;date_creation=2022-07-17
SM_V9_5 iris    exon    1542884 1543135 .       -       .
Parent=Smp_201330.1;Name=a151cde8-ce5b-4aa4-b5e3-6fd2d80e0c2e
SM_V9_5 iris    exon    1544730 1544878 .       -       .
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SM_V9_5 iris    exon    1545515 1545595 .       -       .
Parent=Smp_201330.1;Name=27b21ae6-036e-43c8-9d91-3c4df4c3be46
SM_V9_5 iris    exon    1546513 1546579 .       -       .
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Parent=Smp_201330.1;Name=03697728-2c36-4168-a989-cdd8fa0ae0e8
SM_V9_5 iris    exon    1548442 1548492 .       -       .
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SM_V9_5 iris    exon    1549539 1549637 .       -       .
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SM_V9_5 iris    exon    1549905 1549974 .       -       .
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SM_V9_5 iris    exon    3020647 3020724 .       +       .
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SM_V9_5 iris    exon    3094548 3095182 .       +       .
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SM_V9_5 iris    exon    3102583 3102779 .       +       .
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Parent=Smp_314630.1;Name=eaea55f7-f840-4d48-9cdb-4d2880ee0a67
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SM_V9_5 iris    exon    3122088 3122381 .       -       .
Parent=Smp_332090.2;Name=5119e628-be87-4b20-b3a9-39f1d1af51d2
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Parent=Smp_332090.2;Name=b4f0506d-673d-4012-a851-956830f1e663
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SM_V9_5 iris    exon    3134051 3134272 .       -       .
Parent=Smp_332090.2;Name=1a678c94-01be-40d8-b62d-f3015e71afcf
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Parent=Smp_332090.2
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Parent=Smp_349210.1;Name=Smp_349210.1-CDS
SM_V9_5 iris    exon    3311552 3311696 .       +       .
Parent=Smp_349210.1;Name=ede05099-87f1-46ea-aa4a-dff9efd54e05
SM_V9_5 iris    exon    3311734 3311826 .       +       .
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Parent=Smp_349210.1;Name=1f30c1db-89b2-452d-bb3f-6107ac5b55d2
SM_V9_5 iris    exon    3313328 3313378 .       +       .
Parent=Smp_349210.1;Name=2a2b190e-ea85-48ae-b8fa-5356ed46ef4f
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quinone oxidoreductase subunit 5, chloroplastic
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Parent=Smp_345020.1
SM_V9_5 Liftoff CDS     4447569 4447695 .       +       0
Parent=Smp_345020.1
SM_V9_5 Liftoff CDS     4449707 4449897 .       +       2
Parent=Smp_345020.1
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SM_V9_5 iris    exon    4475523 4475663 .       -       .
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Parent=Smp_158950.1;Name=f1854b7c-57db-4835-9e11-a1366962d6e7
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SM_V9_5 iris    CDS     4455778 4456051 .       -       1
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Cdc37;polypeptide_domain=InterPro:IPR013855,IPR013873,IPR013874
Pfam:PF03234,PF08564,PF08565;Ontology_term=GO:0019901
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Parent=Smp_067900.1
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SM_V9_5 Liftoff CDS     4492535 4492720 .       +       0
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type-2;polypeptide_domain=InterPro:IPR000426,IPR001353,IPR023332,IPR
029055
Pfam:PF00227,PF10584;Ontology_term=GO:0004175,GO:0004298,GO:0005839,
GO:0006511,GO:0019773,GO:0051603
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SM_V9_5 Liftoff CDS     4536125 4536131 .       +       0
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onal pinoresinol-lariciresinol reductase 1
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Parent=Smp_330100.1
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Parent=Smp_330100.2
SM_V9_5 Liftoff exon    4808112 4808162 .       +       .
Parent=Smp_330100.2
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Parent=Smp_330100.2
SM_V9_5 Liftoff CDS     4808112 4808162 .       +       2
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SM_V9_5 Liftoff CDS     4812273 4812320 .       +       2
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SM_V9_5 Liftoff CDS     4813677 4813715 .       +       2
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SM_V9_5 iris    gene    4872806 4879384 .       -       .
ID=Smp_056460;geneID=Smp_056460;gene_name=Smp_056460;owner=irisadmin
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ID=Smp_056460.1;Parent=Smp_056460;geneID=Smp_056460;gene_name=Smp_05
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SM_V9_5 iris    exon    4872806 4872957 .       -       .
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Parent=Smp_056460.1;Name=801bef21-93de-44f4-9804-a4730fb7a2ca
SM_V9_5 iris    exon    4875231 4875305 .       -       .
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Parent=Smp_056460.1;Name=8dee49eb-95e4-449a-8d1c-d43b07ae236d
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ID=Smp_330120;geneID=Smp_330120
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ID=Smp_348300;geneID=Smp_348300
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SM_V9_5 iris    mRNA    4997256 5012763 .       +       .
ID=Smp_330130.1;Parent=Smp_330130;geneID=Smp_330130;gene_name=Smp_33
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SM_V9_5 iris    exon    4997256 4997424 .       +       .
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Parent=Smp_330130.1;Name=7ad783ae-0f16-4539-b153-986e1e1e99b5
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Parent=Smp_330130.1;Name=6e676d0c-09af-43c2-921c-3ee3cd519ffc
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,IPR023333,IPR029055
Pfam:PF00227;Ontology_term=GO:0004175,GO:0004298,GO:0005839,GO:00516
03
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Parent=Smp_056500.1
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SM_V9_5 Liftoff CDS     5096626 5096768 .       +       1
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SM_V9_5 Liftoff CDS     5097444 5097612 .       +       2
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SM_V9_5 iris    exon    5117550 5117719 .       -       .
Parent=Smp_152440.1;Name=9a4062f0-e97e-410e-9eda-7f2d9e343610
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Parent=Smp_152440.1;Name=52d9f45b-4e9c-4e3f-bde2-bebafa1ca673
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SM_V9_5 iris    CDS     5120552 5121136 .       -       0
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SM_V9_5 iris    mRNA    5133499 5167617 .       +       .
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8-02
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Parent=Smp_056780.1
SM_V9_5 iris    CDS     6068322 6068489 .       +       2
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SM_V9_5 iris    CDS     6070097 6070143 .       +       2
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Pfam:PF00249,PF04433,PF16495,PF16496,PF16498;Ontology_term=GO:000367
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Parent=Smp_347520.1
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SM_V9_5 iris    exon    6175516 6175692 .       -       .
Parent=Smp_152670.1;Name=33818d34-a606-480b-86e7-2c3d3ca067bb
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ID=Smp_306680;geneID=Smp_306680;previous_systematic_id=Smp_056680
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SM_V9_5 Liftoff CDS     7099835 7099940 .       +       0
Parent=Smp_267070.1
SM_V9_5 Liftoff CDS     7101900 7102020 .       +       2
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Parent=Smp_267070.1
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Parent=Smp_267070.1
SM_V9_5 Liftoff gene    7137423 7152810 .       +       .
ID=Smp_125600;geneID=Smp_125600
SM_V9_5 Liftoff mRNA    7137423 7152804 .       +       .
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protein;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IP
R020479 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
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SM_V9_5 Liftoff exon    7149441 7149702 .       +       .
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SM_V9_5 Liftoff exon    7152010 7152804 .       +       .
Parent=Smp_125600.2
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Parent=Smp_125600.2
SM_V9_5 Liftoff CDS     7149441 7149702 .       +       2
Parent=Smp_125600.2
SM_V9_5 Liftoff CDS     7152010 7152772 .       +       1
Parent=Smp_125600.2
SM_V9_5 Liftoff mRNA    7137773 7152810 .       +       .
ID=Smp_125600.1;Parent=Smp_125600;geneID=Smp_125600;product=Hypothet
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SM_V9_5 Liftoff exon    7137773 7152810 .       +       .
Parent=Smp_125600.1
SM_V9_5 Liftoff CDS     7152050 7152772 .       +       0
Parent=Smp_125600.1
SM_V9_5 Liftoff gene    7165595 7201418 .       -       .
ID=Smp_334480;geneID=Smp_334480;previous_systematic_id=Smp_164450,Sm
p_164460,Smp_267050
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SM_V9_5 Liftoff mRNA    7165595 7201418 .       -       .
ID=Smp_334480.1;Parent=Smp_334480;geneID=Smp_334480;product=SAM and
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1;polypeptide_domain=InterPro:IPR013761
SM_V9_5 Liftoff exon    7165595 7166593 .       -       .
Parent=Smp_334480.1
SM_V9_5 Liftoff exon    7168544 7168675 .       -       .
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SM_V9_5 Liftoff exon    7169869 7170270 .       -       .
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SM_V9_5 Liftoff exon    7173039 7173073 .       -       .
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SM_V9_5 Liftoff exon    7175242 7175387 .       -       .
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SM_V9_5 Liftoff exon    7179349 7179598 .       -       .
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SM_V9_5 Liftoff exon    7182500 7182653 .       -       .
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SM_V9_5 Liftoff exon    7192075 7201418 .       -       .
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SM_V9_5 Liftoff CDS     7173039 7173073 .       -       2
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SM_V9_5 Liftoff CDS     7175242 7175387 .       -       1
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SM_V9_5 Liftoff CDS     7179349 7179598 .       -       2
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SM_V9_5 Liftoff CDS     7182500 7182653 .       -       0
Parent=Smp_334480.1
SM_V9_5 Liftoff CDS     7185149 7185639 .       -       2
Parent=Smp_334480.1
SM_V9_5 Liftoff CDS     7192075 7192183 .       -       0
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SM_V9_5 Liftoff mRNA    7165595 7201418 .       -       .
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Parent=Smp_334480.2
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SM_V9_5 Liftoff exon    7173039 7173073 .       -       .
Parent=Smp_334480.2
SM_V9_5 Liftoff exon    7175242 7175387 .       -       .
Parent=Smp_334480.2
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SM_V9_5 Liftoff exon    7179349 7179598 .       -       .
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Parent=Smp_334480.2
SM_V9_5 Liftoff CDS     7179349 7179598 .       -       2
Parent=Smp_334480.2
SM_V9_5 Liftoff CDS     7182500 7182653 .       -       0
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SM_V9_5 Liftoff CDS     7185149 7185639 .       -       2
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SM_V9_5 Liftoff CDS     7192075 7192183 .       -       0
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ID=Smp_267060.1;Parent=Smp_267060;geneID=Smp_267060;product=Tether
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SM_V9_5 Liftoff exon    7214105 7214166 .       -       .
Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7216095 7216155 .       -       .
Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7218188 7218240 .       -       .
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Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7222054 7222196 .       -       .
Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7223158 7223242 .       -       .
Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7224085 7224176 .       -       .
Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7225959 7225999 .       -       .
Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7228792 7228896 .       -       .
Parent=Smp_267060.1
SM_V9_5 Liftoff exon    7229690 7229823 .       -       .
Parent=Smp_267060.1
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SM_V9_5 Liftoff exon    7236691 7244321 .       -       .
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SM_V9_5 Liftoff CDS     7212738 7212803 .       -       0
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SM_V9_5 Liftoff CDS     7219150 7219209 .       -       2
Parent=Smp_267060.1
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SM_V9_5 Liftoff CDS     7223158 7223242 .       -       2
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SM_V9_5 Liftoff CDS     7229690 7229823 .       -       2
Parent=Smp_267060.1
SM_V9_5 Liftoff CDS     7236691 7236739 .       -       0
Parent=Smp_267060.1
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ID=Smp_129950;geneID=Smp_129950;gene_name=Smp_129950;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    7261345 7276679 .       +       .
ID=Smp_129950.1;Parent=Smp_129950;geneID=Smp_129950;gene_name=Smp_12
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mp_129950.1;product=RNA-binding protein 12;date_creation=2022-07-17
SM_V9_5 iris    exon    7261345 7261394 .       +       .
Parent=Smp_129950.1;Name=86f8268f-9823-4ff7-9b5f-07fe80e1cef7
SM_V9_5 iris    exon    7267768 7270550 .       +       .
Parent=Smp_129950.1;Name=Smp_129950.1-CDS
SM_V9_5 iris    exon    7276334 7276679 .       +       .
Parent=Smp_129950.1;Name=22f31908-521e-4bde-89cd-15e37aca5319
SM_V9_5 iris    CDS     7267776 7270547 .       +       0
Parent=Smp_129950.1
SM_V9_5 iris    mRNA    7261345 7314143 .       +       .
ID=Smp_129950.2;Parent=Smp_129950;geneID=Smp_129950;gene_name=Smp_12
9950;owner=irisadmin@local.host;orig_id=Smp_129950.1;date_last_modif
ied=2022-07-17;Name=Smp_129950.2;date_creation=2022-07-17
SM_V9_5 iris    exon    7261345 7261394 .       +       .
Parent=Smp_129950.2;Name=3bf4706e-d4d4-429b-a219-32edd680a435
SM_V9_5 iris    exon    7267768 7270550 .       +       .
Parent=Smp_129950.2;Name=bf0cb624-63a9-47a5-b4ab-065d1298d95a
SM_V9_5 iris    exon    7313638 7314143 .       +       .
Parent=Smp_129950.2;Name=f5d55ce8-8517-4c8f-86a4-6edea75a8a36
SM_V9_5 iris    CDS     7267776 7270547 .       +       0
Parent=Smp_129950.2
SM_V9_5 iris    gene    7299699 7309823 .       -       .
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7-17
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SM_V9_5 iris    exon    7301197 7301506 .       -       .
Parent=Smp_129960.1;Name=6228ba16-48e5-4b03-aa6e-daa9a5e46590
SM_V9_5 iris    exon    7302930 7303482 .       -       .
Parent=Smp_129960.1;Name=15c59eb3-5623-4672-87d0-d762ce7e0e49
SM_V9_5 iris    exon    7309178 7309823 .       -       .
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SM_V9_5 iris    CDS     7299877 7300201 .       -       1
Parent=Smp_129960.1
SM_V9_5 iris    CDS     7301197 7301506 .       -       2
Parent=Smp_129960.1
SM_V9_5 iris    CDS     7302930 7303482 .       -       0
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Parent=Smp_129970.1
SM_V9_5 Liftoff exon    7330132 7330365 .       +       .
Parent=Smp_129970.1
SM_V9_5 Liftoff exon    7334446 7334519 .       +       .
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Pfam:PF01369,PF12783;Ontology_term=GO:0005086,GO:0005488,GO:0032012
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SM_V9_5 Liftoff exon    7491610 7491802 .       -       .
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ID=Smp_348340.1;Parent=Smp_348340;geneID=Smp_348340;product=Centroso
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SM_V9_5 Liftoff CDS     7537302 7537495 .       -       2
Parent=Smp_314360.1
SM_V9_5 Liftoff CDS     7538349 7538454 .       -       0
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SM_V9_5 iris    exon    7541812 7541834 .       +       .
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SM_V9_5 iris    exon    7542305 7542503 .       +       .
Parent=Smp_101230.1;Name=23325255-d7c6-4b42-be58-b341f9ca7fda
SM_V9_5 iris    exon    7542544 7542681 .       +       .
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SM_V9_5 Liftoff exon    7565439 7565619 .       -       .
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ied=2022-08-30;Name=Smp_332750.1;product=Hypothetical
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Parent=Smp_332750.1;Name=72240caf-106d-47d2-a4dc-fe29f64f4f32
SM_V9_5 iris    exon    7575071 7575208 .       -       .
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ID=Smp_316680;geneID=Smp_316680
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ID=Smp_316680.2;Parent=Smp_316680;geneID=Smp_316680;product=Phenylal
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subunit;polypeptide_domain=InterPro:IPR002319,IPR004529,IPR006195
Pfam:PF01409;Ontology_term=GO:0000049,GO:0000166,GO:0004812,GO:00048
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Parent=Smp_316680.2
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SM_V9_5 Liftoff CDS     7588649 7588783 .       +       0
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26,GO:0005524,GO:0005737,GO:0006432,GO:0043039
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SM_V9_5 Liftoff CDS     7598061 7598307 .       +       0
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SM_V9_5 Liftoff CDS     7598928 7599042 .       +       2
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SM_V9_5 Liftoff CDS     7600941 7601049 .       +       1
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ID=Smp_330330.1;Parent=Smp_330330;geneID=Smp_330330;gene_name=Smp_33
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ID=Smp_346850;geneID=Smp_346850;previous_systematic_id=Smp_193960
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chloroplastic
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SM_V9_5 Liftoff CDS     7795612 7795631 .       +       2
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12
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Parent=Smp_136280.3
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SM_V9_5 Liftoff CDS     8138685 8138723 .       +       2
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SM_V9_5 Liftoff CDS     8138780 8138852 .       +       2
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SM_V9_5 iris    exon    8166616 8166968 .       -       .
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SM_V9_5 iris    exon    8170185 8170578 .       -       .
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SM_V9_5 Liftoff mRNA    8224809 8243636 .       +       .
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Parent=Smp_136320.1
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SM_V9_5 iris    gene    8388066 8398825 .       -       .
ID=Smp_179130;geneID=Smp_179130;gene_name=Smp_179130;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    8388066 8398825 .       -       .
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ID=Smp_179130.1;Parent=Smp_179130;geneID=Smp_179130;gene_name=Smp_17
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protein 12-A;date_creation=2022-08-18
SM_V9_5 iris    exon    8388066 8388850 .       -       .
Parent=Smp_179130.1;Name=84a4792f-ff4e-48dd-9efc-53fb0685da8f
SM_V9_5 iris    exon    8389621 8389668 .       -       .
Parent=Smp_179130.1;Name=95cbf8ec-0c66-4555-9c5f-6253e3eab1f0
SM_V9_5 iris    exon    8398751 8398825 .       -       .
Parent=Smp_179130.1;Name=b03a9bdd-4650-40db-bfb8-0acc15faf404
SM_V9_5 iris    CDS     8388565 8388843 .       -       0
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SM_V9_5 Liftoff gene    8434909 8450845 .       +       .
ID=Smp_003710;geneID=Smp_003710
SM_V9_5 Liftoff mRNA    8434909 8450845 .       +       .
ID=Smp_003710.1;Parent=Smp_003710;geneID=Smp_003710;product=Tropomod
ulin;polypeptide_domain=InterPro:IPR004934,IPR029032,IPR032675
Pfam:PF03250;Ontology_term=GO:0005523,GO:0051694
SM_V9_5 Liftoff exon    8434909 8440262 .       +       .
Parent=Smp_003710.1
SM_V9_5 Liftoff exon    8442929 8443097 .       +       .
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SM_V9_5 Liftoff exon    8449892 8450845 .       +       .
Parent=Smp_003710.1
SM_V9_5 Liftoff CDS     8440054 8440262 .       +       0
Parent=Smp_003710.1
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Parent=Smp_003710.1
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Parent=Smp_003710.1
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ID=Smp_330380;geneID=Smp_330380;gene_name=Smp_330380;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    8477921 8478970 .       +       .
ID=Smp_330380.1;Parent=Smp_330380;geneID=Smp_330380;gene_name=Smp_33
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ied=2022-08-18;Name=Smp_330380.1;product=SET and MYND domain-
containing protein 4;date_creation=2022-08-18
SM_V9_5 iris    exon    8477921 8478970 .       +       .
Parent=Smp_330380.1;Name=63dc20dc-d650-4659-bf3b-e5b9054045e5
SM_V9_5 iris    CDS     8477986 8478816 .       +       0
Parent=Smp_330380.1
SM_V9_5 iris    gene    8482046 8535798 .       +       .
ID=Smp_154520;geneID=Smp_154520;gene_name=Smp_154520;owner=irisadmin
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SM_V9_5 iris    mRNA    8482046 8535798 .       +       .
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ID=Smp_154520.1;Parent=Smp_154520;geneID=Smp_154520;gene_name=Smp_15
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Parent=Smp_154520.1;Name=98b3f8d7-cd1b-455e-a207-3ca297a6b47e
SM_V9_5 iris    exon    8484108 8484164 .       +       .
Parent=Smp_154520.1;Name=81c28c4d-cece-47da-8359-b9ac9af55541
SM_V9_5 iris    exon    8507652 8507944 .       +       .
Parent=Smp_154520.1;Name=f8f7aab3-0892-43f2-ac9a-014204fec2cb
SM_V9_5 iris    exon    8510461 8511061 .       +       .
Parent=Smp_154520.1;Name=c0161bd9-04c2-4774-8d31-c2e5e74c4145
SM_V9_5 iris    exon    8518197 8518565 .       +       .
Parent=Smp_154520.1;Name=0d773784-3d9f-4b87-8ff2-b17c56fde6bb
SM_V9_5 iris    exon    8523611 8524094 .       +       .
Parent=Smp_154520.1;Name=d76fe829-8538-484f-acc8-cbeab5b01fd6
SM_V9_5 iris    exon    8534067 8535798 .       +       .
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SM_V9_5 iris    CDS     8534067 8534343 .       +       1
Parent=Smp_154520.1
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ID=Smp_154530;geneID=Smp_154530
SM_V9_5 Liftoff mRNA    8576209 8577872 .       -       .
ID=Smp_154530.1;Parent=Smp_154530;geneID=Smp_154530;product=ATP
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mitochondrial;polypeptide_domain=InterPro:IPR008688
Pfam:PF05405;Ontology_term=GO:0000276,GO:0015078,GO:0015986
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Parent=Smp_154530.1
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Parent=Smp_154530.1
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Parent=Smp_154530.1
SM_V9_5 Liftoff CDS     8577645 8577796 .       -       2
Parent=Smp_154530.1
SM_V9_5 Liftoff CDS     8577833 8577848 .       -       0
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ID=Smp_213600;geneID=Smp_213600;gene_name=Smp_213600;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    8584712 8604213 .       +       .
ID=Smp_213600.1;Parent=Smp_213600;geneID=Smp_213600;gene_name=Smp_21
3600;owner=irisadmin@local.host;orig_id=Smp_213600.1;date_last_modif
ied=2022-08-30;Name=Smp_213600.1;product=Vitamin D 25-
hydroxylase;date_creation=2022-08-30
SM_V9_5 iris    exon    8584712 8584771 .       +       .
Parent=Smp_213600.1;Name=7fe110fc-c4fc-4685-880d-7260d099c1ad
SM_V9_5 iris    exon    8597619 8597903 .       +       .
Parent=Smp_213600.1;Name=ea59fd31-9ae7-44ca-ace5-4f410a976556
SM_V9_5 iris    exon    8601087 8604213 .       +       .
Parent=Smp_213600.1;Name=c5ccf615-5f53-4a0d-9490-104a44de7888
SM_V9_5 iris    CDS     8597724 8597903 .       +       0
Parent=Smp_213600.1
SM_V9_5 iris    CDS     8601087 8604026 .       +       0
Parent=Smp_213600.1
SM_V9_5 iris    gene    8604263 8641476 .       +       .
ID=Smp_213610;geneID=Smp_213610;gene_name=Smp_213610;owner=irisadmin
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SM_V9_5 iris    mRNA    8604263 8641476 .       +       .
ID=Smp_213610.1;Parent=Smp_213610;geneID=Smp_213610;gene_name=Smp_21
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ied=2022-07-17;Name=Smp_213610.1;product=Hypothetical
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SM_V9_5 iris    exon    8604263 8604678 .       +       .
Parent=Smp_213610.1;Name=4ff04bf4-cd12-4522-a4ce-123b848fe7ac
SM_V9_5 iris    exon    8610175 8610999 .       +       .
Parent=Smp_213610.1;Name=6e267a64-5c00-4bca-8972-a9b0a50766bf
SM_V9_5 iris    exon    8612017 8612337 .       +       .
Parent=Smp_213610.1;Name=52316e59-d111-4e69-945f-b5848c06b833
SM_V9_5 iris    exon    8613125 8613536 .       +       .
Parent=Smp_213610.1;Name=0b92c219-8dfb-45b2-961a-739a4f9551f2
SM_V9_5 iris    exon    8613647 8614147 .       +       .
Parent=Smp_213610.1;Name=8343c69d-cb54-41b8-a7f5-a19796057c80
SM_V9_5 iris    exon    8616299 8616596 .       +       .
Parent=Smp_213610.1;Name=fad074d9-5eb0-492d-83e1-3551e495078b
SM_V9_5 iris    exon    8621851 8622170 .       +       .
Parent=Smp_213610.1;Name=98a1d64d-6199-4ca2-9fe9-c37a832e593b
SM_V9_5 iris    exon    8623740 8624371 .       +       .
Parent=Smp_213610.1;Name=f39bba71-d3c4-43cc-b584-21c15708711e
SM_V9_5 iris    exon    8627662 8628132 .       +       .
Parent=Smp_213610.1;Name=28aa29dc-64f8-4da7-972f-d661135e0172
SM_V9_5 iris    exon    8630678 8631113 .       +       .
Parent=Smp_213610.1;Name=27ceddaa-43e5-4ccf-ab7e-a8a4d1b538b0
SM_V9_5 iris    exon    8632641 8633246 .       +       .
Parent=Smp_213610.1;Name=aade442e-2c24-46a7-9274-9288d0602844
SM_V9_5 iris    exon    8634293 8634510 .       +       .
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Parent=Smp_213610.1
SM_V9_5 iris    CDS     8610175 8610999 .       +       0
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8612017 8612337 .       +       0
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8613125 8613536 .       +       0
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8613647 8614147 .       +       2
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8616299 8616596 .       +       2
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8621851 8622170 .       +       1
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8623740 8624371 .       +       2
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8627662 8628132 .       +       0
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8630678 8631113 .       +       0
Parent=Smp_213610.1
SM_V9_5 iris    CDS     8632641 8633246 .       +       2
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SM_V9_5 iris    CDS     8634293 8634510 .       +       2
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SM_V9_5 iris    CDS     8640530 8641315 .       +       0
Parent=Smp_213610.1
SM_V9_5 Liftoff gene    8649388 8649883 .       -       .
ID=Smp_330390;geneID=Smp_330390
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ID=Smp_330390.1;Parent=Smp_330390;geneID=Smp_330390;product=Methioni
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Parent=Smp_330390.1
SM_V9_5 Liftoff gene    8660041 8662486 .       -       .
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ID=Smp_337510.1;Parent=Smp_337510;geneID=Smp_337510;product=Hypothet
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Parent=Smp_337510.1
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ID=Smp_154560;geneID=Smp_154560;gene_name=Smp_154560;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    8662762 8707330 .       +       .
ID=Smp_154560.1;Parent=Smp_154560;geneID=Smp_154560;gene_name=Smp_15
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homolog;date_creation=2022-07-17
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SM_V9_5 iris    exon    8676005 8676142 .       +       .
Parent=Smp_154560.1;Name=7c2dadc6-5c3b-418c-9436-05dfecfc4d2b
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Parent=Smp_154560.1;Name=eca6d4c1-8647-4d79-8c32-305af44d88fe
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Parent=Smp_154560.1;Name=52d017a4-ff37-46f0-bc42-4cf5dd19ba47
SM_V9_5 iris    exon    8691471 8691606 .       +       .
Parent=Smp_154560.1;Name=89a29eed-3760-4905-a4a2-0ae47de2295f
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Parent=Smp_154560.1;Name=6620844a-611d-40c5-9cc7-1a166a089ff1
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ID=Smp_337080;geneID=Smp_337080
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ID=Smp_337080.1;Parent=Smp_337080;geneID=Smp_337080;product=Multiple
PDZ domain protein;polypeptide_domain=InterPro:IPR001478
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Parent=Smp_337080.1
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ID=Smp_060420;geneID=Smp_060420;gene_name=Smp_060420;owner=irisadmin
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Parent=Smp_060420.1;Name=67a43fa1-6292-4e6a-8c0f-ed61027701e3
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Parent=Smp_060420.1;Name=521c7dac-4f14-43e7-89f2-5f464bf1256c
SM_V9_5 iris    exon    8793210 8793535 .       -       .
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Parent=Smp_060420.1;Name=b84fb54d-cea2-4b17-9aa2-787424e2f45c
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ID=Smp_344650.1;Parent=Smp_344650;geneID=Smp_344650;product=Ras-
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Rab-3;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
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ID=Smp_346180;geneID=Smp_346180;gene_name=Smp_346180;owner=irisadmin
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Parent=Smp_346180.1;Name=ae5c54f9-485f-4f2f-9e43-79f0008f4e0e
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ID=Smp_092750;geneID=Smp_092750
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B;polypeptide_domain=InterPro:IPR001564,IPR034907
Pfam:PF00334;Ontology_term=GO:0004550,GO:0006165,GO:0006183,GO:00062
28,GO:0006241
SM_V9_5 Liftoff exon    9074866 9075129 .       +       .
Parent=Smp_092750.1
SM_V9_5 Liftoff exon    9082170 9082700 .       +       .
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ID=Smp_101370;geneID=Smp_101370
SM_V9_5 Liftoff mRNA    9130269 9157637 .       -       .
ID=Smp_101370.1;Parent=Smp_101370;geneID=Smp_101370;product=Mesoderm
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1;polypeptide_domain=InterPro:IPR000949,IPR009057,IPR017884;Ontology
_term=GO:0003677
SM_V9_5 Liftoff exon    9130269 9131097 .       -       .
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SM_V9_5 Liftoff exon    9131871 9132160 .       -       .
Parent=Smp_101370.1
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SM_V9_5 Liftoff exon    9135155 9135279 .       -       .
Parent=Smp_101370.1
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Parent=Smp_101370.2
SM_V9_5 Liftoff exon    9131871 9132160 .       -       .
Parent=Smp_101370.2
SM_V9_5 Liftoff exon    9135155 9135279 .       -       .
Parent=Smp_101370.2
SM_V9_5 Liftoff exon    9136695 9136798 .       -       .
Parent=Smp_101370.2
SM_V9_5 Liftoff exon    9139217 9139298 .       -       .
Parent=Smp_101370.2
SM_V9_5 Liftoff exon    9140099 9140344 .       -       .
Parent=Smp_101370.2
SM_V9_5 Liftoff exon    9142274 9142356 .       -       .
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SM_V9_5 Liftoff exon    9148008 9148407 .       -       .
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SM_V9_5 Liftoff CDS     9139217 9139298 .       -       0
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SM_V9_5 Liftoff CDS     9140099 9140344 .       -       0
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SM_V9_5 Liftoff CDS     9148008 9148407 .       -       0
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SM_V9_5 Liftoff CDS     9154669 9154929 .       -       0
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Parent=Smp_062620.1
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ID=Smp_168040;geneID=Smp_168040;gene_name=Smp_168040;owner=irisadmin
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protein;date_creation=2022-07-17
SM_V9_5 iris    exon    9226166 9226709 .       -       .
Parent=Smp_168040.1;Name=c746cb7f-479a-460c-9968-1bc47820ed8b
SM_V9_5 iris    exon    9227384 9227850 .       -       .
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Parent=Smp_168040.1;Name=28f5304a-e069-4022-8baa-9ca1249184ff
SM_V9_5 iris    exon    9230263 9230464 .       -       .
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SM_V9_5 iris    exon    9242515 9243009 .       -       .
Parent=Smp_168040.1;Name=f231fac2-047f-41c5-912b-6f35e4a91e62
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associated protein 91;date_creation=2022-08-15
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ID=Smp_094630;geneID=Smp_094630;gene_name=Smp_094630;owner=irisadmin
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ID=Smp_094630.1;Parent=Smp_094630;geneID=Smp_094630;gene_name=Smp_09
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Parent=Smp_150560.1;Name=2e3c95e1-98ee-440d-8d1b-3790569df5d8
SM_V9_5 iris    exon    9778980 9779322 .       +       .
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SM_V9_5 iris    exon    9779826 9779907 .       +       .
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SM_V9_5 iris    exon    9788363 9788601 .       +       .
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SM_V9_5 iris    exon    9789614 9789820 .       +       .
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Parent=Smp_150560.1;Name=e8ec610b-00b6-4d17-8321-89c159976387
SM_V9_5 iris    exon    9798726 9799160 .       +       .
Parent=Smp_150560.1;Name=14ed49c0-2f2a-4b28-95e1-08b37d962e52
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SM_V9_5 iris    CDS     9779826 9779907 .       +       0
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Parent=Smp_150560.1
SM_V9_5 iris    CDS     9798726 9799160 .       +       0
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Parent=Smp_150560.1
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ID=Smp_053040;geneID=Smp_053040
SM_V9_5 Liftoff mRNA    9814667 9821111 .       +       .
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SM_V9_5 Liftoff exon 9815998 9816238 . + . Parent=Smp_053040.1
SM_V9_5 Liftoff exon 9817544 9817694 . + . Parent=Smp_053040.1
SM_V9_5 Liftoff exon 9820838 9821111 . + . Parent=Smp_053040.1
SM_V9_5 Liftoff CDS 9815682 9815857 . + 0 Parent=Smp_053040.1
SM_V9_5 Liftoff CDS 9815998 9816238 . + 1 Parent=Smp_053040.1
SM_V9_5 Liftoff CDS 9817544 9817694 . + 0 Parent=Smp_053040.1
SM_V9_5 Liftoff CDS 9820838 9820887 . + 2 Parent=Smp_053040.1
SM_V9_5 Liftoff gene 9827607 9833689 . + . ID=Smp_053030;geneID=Smp_053030
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SM_V9_5 Liftoff exon 9827607 9828158 . + . Parent=Smp_053030.1
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SM_V9_5 Liftoff exon 9835826 9838681 . + . Parent=Smp_053020.1
SM_V9_5 Liftoff exon 9843994 9844172 . + . Parent=Smp_053020.1
SM_V9_5 Liftoff exon 9845840 9845962 . + .

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SM_V9_5 Liftoff exon    9848745 9848822 .       +       .
Parent=Smp_053020.1
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Parent=Smp_053020.1
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vein;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR007110,IPR01
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Parent=Smp_150540.1
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        .
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        .       Parent=Smp_340870.1
SM_V9_5 Liftoff exon    10051554        10052286        .       +
        .       Parent=Smp_340870.1
SM_V9_5 Liftoff CDS     10035309        10035943        .       +
        0       Parent=Smp_340870.1
SM_V9_5 Liftoff CDS     10048807        10049032        .       +
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SM_V9_5 Liftoff CDS     10051554        10051712        .       +
        0       Parent=Smp_340870.1
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e synthase-like protein G3
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SM_V9_5 Liftoff exon    10060152        10060306        .       +
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SM_V9_5 Liftoff CDS     10059289        10059319        .       +
        0       Parent=Smp_150530.1
SM_V9_5 Liftoff CDS     10060152        10060306        .       +
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SM_V9_5 iris    gene    10160217        10192199        .       +
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transporter 1;date_creation=2022-08-30
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       .       Parent=Smp_150520.1;Name=ada08763-0194-4cd8-
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SM_V9_5 iris    exon    10169518        10169799        .       +
       .       Parent=Smp_150520.1;Name=af76e9f8-9c15-40d8-a548-
b8e885f6255d
SM_V9_5 iris    exon    10173017        10173130        .       +
       .       Parent=Smp_150520.1;Name=433fff98-154f-4cc6-
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SM_V9_5 iris    exon    10174360        10174515        .       +
       .       Parent=Smp_150520.1;Name=d9d78030-9d93-4d3b-844b-
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SM_V9_5 iris    exon    10179831        10179979        .       +
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SM_V9_5 iris    exon    10186455        10186572        .       +
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SM_V9_5 iris    exon    10190920        10192199        .       +
       .       Parent=Smp_150520.1;Name=045579e2-ed96-4e58-
bcad-9945cb4ee0e3
SM_V9_5 iris    CDS     10169625        10169799        .       +
       0       Parent=Smp_150520.1
SM_V9_5 iris    CDS     10173017        10173130        .       +
       2       Parent=Smp_150520.1
SM_V9_5 iris    CDS     10174360        10174515        .       +
       2       Parent=Smp_150520.1
SM_V9_5 iris    CDS     10179831        10179979        .       +
       2       Parent=Smp_150520.1
SM_V9_5 iris    CDS     10183909        10184070        .       +
       0       Parent=Smp_150520.1
SM_V9_5 iris    CDS     10186455        10186572        .       +
       0       Parent=Smp_150520.1
SM_V9_5 iris    CDS     10190920        10191854        .       +
       2       Parent=Smp_150520.1
SM_V9_5 Liftoff gene    10198022        10224760        .       +
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SM_V9_5 Liftoff mRNA    10198022        10224760        .       +
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SM_V9_5 Liftoff exon    10200117        10200196        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10200238        10200404        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10201396        10201593        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10206381        10206541        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10211980        10212081        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10216207        10216722        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10218580        10218687        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10221084        10221406        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff exon    10223172        10224760        .       +
        .       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10198079        10198149        .       +
        0       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10200117        10200196        .       +
        1       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10200238        10200404        .       +
        2       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10201396        10201593        .       +
        0       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10206381        10206541        .       +
        0       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10211980        10212081        .       +
        1       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10216207        10216722        .       +
        1       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10218580        10218687        .       +
        1       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10221084        10221406        .       +
        1       Parent=Smp_150510.1
SM_V9_5 Liftoff CDS     10223172        10223236        .       +
        2       Parent=Smp_150510.1
SM_V9_5 iris    gene    10301341        10311777        .       -
        .
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        .
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protein 1;date_creation=2022-07-17
SM_V9_5 iris    exon    10301341        10303262        .       -
        .       Parent=Smp_173240.1;Name=bcff4b3c-9aa2-4984-b695-
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        .       Parent=Smp_173240.1;Name=2878e514-16d3-4acb-b573-
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SM_V9_5 iris    exon    10311041        10311280        .       -
        .       Parent=Smp_173240.1;Name=1565aeaf-8b3e-45c1-
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SM_V9_5 iris    exon    10311313        10311518        .       -
        .       Parent=Smp_173240.1;Name=2e4f704b-b0cf-4826-bd97-
d19f9c7c7a7c
SM_V9_5 iris    exon    10311557        10311777        .       -
        .       Parent=Smp_173240.1;Name=27142512-9540-49aa-
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SM_V9_5 iris    CDS     10303110        10303262        .       -
        0       Parent=Smp_173240.1
SM_V9_5 iris    CDS     10304908        10305327        .       -
        0       Parent=Smp_173240.1
SM_V9_5 iris    CDS     10306939        10308171        .       -
        0       Parent=Smp_173240.1
SM_V9_5 iris    CDS     10311041        10311280        .       -
        0       Parent=Smp_173240.1
SM_V9_5 iris    CDS     10311313        10311518        .       -
        2       Parent=Smp_173240.1
SM_V9_5 iris    CDS     10311557        10311695        .       -
        0       Parent=Smp_173240.1
SM_V9_5 Liftoff gene    10321686        10332340        .       +
        .
ID=Smp_173230;geneID=Smp_173230;previous_systematic_id=Smp_173220
SM_V9_5 Liftoff mRNA    10321686        10332340        .       +
        .
ID=Smp_173230.1;Parent=Smp_173230;geneID=Smp_173230;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    10321686        10323572        .       +
        .       Parent=Smp_173230.1
SM_V9_5 Liftoff exon    10326503        10327050        .       +
        .       Parent=Smp_173230.1
SM_V9_5 Liftoff exon    10328784        10329738        .       +
        .       Parent=Smp_173230.1
SM_V9_5 Liftoff exon    10331303        10332340        .       +
        .       Parent=Smp_173230.1
SM_V9_5 Liftoff CDS     10323210        10323572        .       +
        0       Parent=Smp_173230.1
SM_V9_5 Liftoff CDS     10326503        10327050        .       +
        0       Parent=Smp_173230.1
SM_V9_5 Liftoff CDS     10328784        10329738        .       +
        1       Parent=Smp_173230.1
SM_V9_5 Liftoff CDS     10331303        10331830        .       +
        0       Parent=Smp_173230.1
SM_V9_5 iris    gene    10332140        10351732        .       -
        .
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ied=2022-08-18;Name=Smp_093280.1;product=histone deacetylase
3;date_creation=2022-08-18
SM_V9_5 iris    exon    10332140        10332555        .       -
        .       Parent=Smp_093280.1;Name=54195530-5c28-4d0f-b889-
c637b5fdb613
SM_V9_5 iris    exon    10334076        10334203        .       -
        .
Parent=Smp_093280.1;Name=a29269d2-6d09-4bd8-83d3-84198adb2665
SM_V9_5 iris    exon    10335802        10336036        .       -
        .
Parent=Smp_093280.1;Name=72f26f1f-0b51-4d83-9368-6e491941dcd2
SM_V9_5 iris    exon    10337321        10337459        .       -
        .
Parent=Smp_093280.1;Name=861486ea-5a2a-4d49-9129-3ac6aea99658
SM_V9_5 iris    exon    10338757        10338837        .       -
        .       Parent=Smp_093280.1;Name=491f21dc-4df6-46a6-8311-
b3c8ebeedb4d
SM_V9_5 iris    exon    10345415        10345604        .       -
        .
Parent=Smp_093280.1;Name=91c3bd52-8394-4375-8c84-3e8188b3ef37
SM_V9_5 iris    exon    10345644        10345700        .       -
        .       Parent=Smp_093280.1;Name=d0565cad-b75b-4e84-becd-
a30766b55b14
SM_V9_5 iris    exon    10345755        10345836        .       -
        .       Parent=Smp_093280.1;Name=c4d67876-5663-4868-bc11-
ae0bd74888f3
SM_V9_5 iris    exon    10345901        10346046        .       -
        .       Parent=Smp_093280.1;Name=022941b8-b207-4b22-
baae-8d3e6c676153
SM_V9_5 iris    exon    10346109        10346191        .       -
        .       Parent=Smp_093280.1;Name=fc96f269-f172-43c7-8ede-
d226cace91b7
SM_V9_5 iris    exon    10346239        10346355        .       -
        .       Parent=Smp_093280.1;Name=0278f9ea-70fc-48c7-
a5ad-839599c162ff
SM_V9_5 iris    exon    10351615        10351732        .       -
        .       Parent=Smp_093280.1;Name=88ab5f36-8a6e-427d-
aa17-98eee38c6f03
SM_V9_5 iris    CDS     10332501        10332555        .       -
        1       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10334076        10334203        .       -
        0       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10335802        10336036        .       -
        1       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10337321        10337459        .       -
        2       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10338757        10338837        .       -
        2       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10345415        10345604        .       -
        0       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10345644        10345700        .       -
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        0       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10345755        10345836        .       -
        1       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10345901        10346046        .       -
        0       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10346109        10346191        .       -
        2       Parent=Smp_093280.1
SM_V9_5 iris    CDS     10346239        10346299        .       -
        0       Parent=Smp_093280.1
SM_V9_5 iris    gene    10361579        10380752        .       -
        .
ID=Smp_173210;geneID=Smp_173210;gene_name=Smp_173210;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    10361579        10380752        .       -
        .
ID=Smp_173210.1;Parent=Smp_173210;geneID=Smp_173210;gene_name=Smp_17
3210;owner=irisadmin@local.host;orig_id=Smp_173210.1;date_last_modif
ied=2022-08-18;Name=Smp_173210.1;product=Zinc finger protein
112;date_creation=2022-08-18
SM_V9_5 iris    exon    10361579        10362904        .       -
        .       Parent=Smp_173210.1;Name=27dafd2b-83cf-4edf-
b72a-904149897da7
SM_V9_5 iris    exon    10365456        10366955        .       -
        .       Parent=Smp_173210.1;Name=a857801b-802e-4e05-b665-
f155eacd09fc
SM_V9_5 iris    exon    10380600        10380752        .       -
        .       Parent=Smp_173210.1;Name=6300c365-07f1-4784-
ad54-92ad6b03ec30
SM_V9_5 iris    CDS     10362179        10362904        .       -
        0       Parent=Smp_173210.1
SM_V9_5 iris    CDS     10365456        10366934        .       -
        0       Parent=Smp_173210.1
SM_V9_5 Liftoff gene    10366429        10369677        .       +
        .       ID=Smp_173200;geneID=Smp_173200
SM_V9_5 Liftoff mRNA    10366429        10369677        .       +
        .
ID=Smp_173200.1;Parent=Smp_173200;geneID=Smp_173200;product=3-
isopropylmalate dehydrogenase
SM_V9_5 Liftoff exon    10366429        10366699        .       +
        .       Parent=Smp_173200.1
SM_V9_5 Liftoff exon    10369628        10369677        .       +
        .       Parent=Smp_173200.1
SM_V9_5 Liftoff CDS     10366429        10366699        .       +
        0       Parent=Smp_173200.1
SM_V9_5 Liftoff CDS     10369628        10369677        .       +
        2       Parent=Smp_173200.1
SM_V9_5 Liftoff gene    10388327        10394462        .       -
        .
ID=Smp_347260;geneID=Smp_347260;previous_systematic_id=Smp_205120
SM_V9_5 Liftoff mRNA    10388327        10394462        .       -
        .
ID=Smp_347260.1;Parent=Smp_347260;geneID=Smp_347260;product=Arginino
succinate lyase
SM_V9_5 Liftoff exon    10388327        10394462        .       -
```

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        .       Parent=Smp_347260.1
SM_V9_5 Liftoff CDS     10392323        10392520        .       -
        0       Parent=Smp_347260.1
SM_V9_5 Liftoff gene    10394187        10394565        .       +
        .       ID=Smp_183080;geneID=Smp_183080
SM_V9_5 Liftoff mRNA    10394187        10394565        .       +
        .
ID=Smp_183080.1;Parent=Smp_183080;geneID=Smp_183080;product=KiSS-1
receptor
SM_V9_5 Liftoff exon    10394187        10394342        .       +
        .       Parent=Smp_183080.1
SM_V9_5 Liftoff exon    10394560        10394565        .       +
        .       Parent=Smp_183080.1
SM_V9_5 Liftoff CDS     10394187        10394342        .       +
        0       Parent=Smp_183080.1
SM_V9_5 Liftoff CDS     10394560        10394565        .       +
        0       Parent=Smp_183080.1
SM_V9_5 Liftoff gene    10443410        10483236        .       +
        .
ID=Smp_345690;geneID=Smp_345690;previous_systematic_id=Smp_166910
SM_V9_5 Liftoff mRNA    10443410        10483236        .       +
        .
ID=Smp_345690.1;Parent=Smp_345690;geneID=Smp_345690;product=Calcium-
activated potassium channel
slowpoke;polypeptide_domain=InterPro:IPR003929,IPR005821,IPR016040,I
PR028325
Pfam:PF00520,PF03493;Ontology_term=GO:0005216,GO:0005249,GO:0006811,
GO:0006813,GO:0008076,GO:0016020,GO:0055085
SM_V9_5 Liftoff exon    10443410        10472043        .       +
        .       Parent=Smp_345690.1
SM_V9_5 Liftoff exon    10473883        10474074        .       +
        .       Parent=Smp_345690.1
SM_V9_5 Liftoff exon    10478220        10479624        .       +
        .       Parent=Smp_345690.1
SM_V9_5 Liftoff exon    10481253        10483236        .       +
        .       Parent=Smp_345690.1
SM_V9_5 Liftoff CDS     10471039        10472043        .       +
        0       Parent=Smp_345690.1
SM_V9_5 Liftoff CDS     10473883        10474074        .       +
        0       Parent=Smp_345690.1
SM_V9_5 Liftoff CDS     10478220        10479624        .       +
        0       Parent=Smp_345690.1
SM_V9_5 Liftoff CDS     10481253        10482703        .       +
        2       Parent=Smp_345690.1
SM_V9_5 iris    gene    10486756        10494483        .       +
        .
ID=Smp_341380;geneID=Smp_341380;gene_name=Smp_341380;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    10486756        10494483        .       +
        .
ID=Smp_341380.1;Parent=Smp_341380;geneID=Smp_341380;gene_name=Smp_34
1380;owner=irisadmin@local.host;orig_id=Smp_341380.1;date_last_modif
ied=2022-08-18;Name=Smp_341380.1;product=Transmembrane protein
45B;date_creation=2022-08-18
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SM_V9_5 iris    exon    10486756        10487119        .       +
        .       Parent=Smp_341380.1;Name=006db08d-7ba6-4f76-
b816-54555cf28c9e
SM_V9_5 iris    exon    10489914        10490142        .       +
        .       Parent=Smp_341380.1;Name=d7db103e-d3a9-42fd-9031-
ed88738e3670
SM_V9_5 iris    exon    10493936        10494483        .       +
        .
Parent=Smp_341380.1;Name=f3dde4d0-130b-4a58-8f27-81e1a5c6ba46
SM_V9_5 iris    CDS     10486788        10487119        .       +
        0       Parent=Smp_341380.1
SM_V9_5 iris    CDS     10489914        10490142        .       +
        1       Parent=Smp_341380.1
SM_V9_5 iris    CDS     10493936        10494181        .       +
        0       Parent=Smp_341380.1
SM_V9_5 iris    gene    10512014        10512767        .       +
        .
ID=Smp_082570;geneID=Smp_082570;gene_name=Smp_082570;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    10512014        10512767        .       +
        .
ID=Smp_082570.1;Parent=Smp_082570;geneID=Smp_082570;gene_name=Smp_08
2570;owner=irisadmin@local.host;orig_id=Smp_082570.1;date_last_modif
ied=2022-08-18;Name=Smp_082570.1;product=CDGSH iron-sulfur domain-
containing protein 2 homolog B;date_creation=2022-08-18
SM_V9_5 iris    exon    10512014        10512215        .       +
        .
Parent=Smp_082570.1;Name=fc5360e6-1d6d-468f-991f-7c3bdb64a32c
SM_V9_5 iris    exon    10512248        10512456        .       +
        .       Parent=Smp_082570.1;Name=a58b3fbd-6b28-4e44-
a600-290bd0363b0b
SM_V9_5 iris    exon    10512490        10512767        .       +
        .       Parent=Smp_082570.1;Name=2ae5ac76-6ffe-4501-
b90f-3a6259e54452
SM_V9_5 iris    CDS     10512119        10512215        .       +
        0       Parent=Smp_082570.1
SM_V9_5 iris    CDS     10512248        10512456        .       +
        2       Parent=Smp_082570.1
SM_V9_5 iris    CDS     10512490        10512582        .       +
        0       Parent=Smp_082570.1
SM_V9_5 iris    gene    10540856        10548869        .       +
        .
ID=Smp_082560;geneID=Smp_082560;gene_name=Smp_082560;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    10540856        10548869        .       +
        .
ID=Smp_082560.1;Parent=Smp_082560;geneID=Smp_082560;gene_name=Smp_08
2560;owner=irisadmin@local.host;orig_id=Smp_082560.1;date_last_modif
ied=2022-07-17;Name=Smp_082560.1;product=Zinc finger Ran-binding
domain-containing protein 2;date_creation=2022-07-17
SM_V9_5 iris    exon    10540856        10540951        .       +
        .       Parent=Smp_082560.1;Name=1987a55c-436c-46fc-99ec-
de9f3332e40b
SM_V9_5 iris    exon    10540986        10541141        .       +
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        .
Parent=Smp_082560.1;Name=08a64382-8ceb-45a1-9a13-26ae976e178e
SM_V9_5 iris    exon    10542978        10543511        .       +
        .       Parent=Smp_082560.1;Name=fcfbfc62-4bf0-4237-b3f5-
d6967897247f
SM_V9_5 iris    exon    10545879        10546029        .       +
        .       Parent=Smp_082560.1;Name=c997639b-b0f1-4969-bfc7-
b522ee5f1bc3
SM_V9_5 iris    exon    10548500        10548869        .       +
        .       Parent=Smp_082560.1;Name=ff226673-b93f-4556-941e-
aee7cb9bacb3
SM_V9_5 iris    CDS     10540908        10540951        .       +
        0       Parent=Smp_082560.1
SM_V9_5 iris    CDS     10540986        10541141        .       +
        1       Parent=Smp_082560.1
SM_V9_5 iris    CDS     10542978        10543511        .       +
        1       Parent=Smp_082560.1
SM_V9_5 iris    CDS     10545879        10546008        .       +
        1       Parent=Smp_082560.1
SM_V9_5 Liftoff gene    10556315        10580642        .       -
        .       ID=Smp_166890;geneID=Smp_166890
SM_V9_5 Liftoff mRNA    10556315        10580642        .       -
        .
ID=Smp_166890.1;Parent=Smp_166890;geneID=Smp_166890;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    10556315        10557836        .       -
        .       Parent=Smp_166890.1
SM_V9_5 Liftoff exon    10559378        10560340        .       -
        .       Parent=Smp_166890.1
SM_V9_5 Liftoff exon    10580025        10580642        .       -
        .       Parent=Smp_166890.1
SM_V9_5 Liftoff CDS     10557192        10557836        .       -
        0       Parent=Smp_166890.1
SM_V9_5 Liftoff CDS     10559378        10560340        .       -
        0       Parent=Smp_166890.1
SM_V9_5 Liftoff CDS     10580025        10580072        .       -
        0       Parent=Smp_166890.1
SM_V9_5 iris    gene    10607083        10645140        .       +
        .
ID=Smp_345680;geneID=Smp_345680;gene_name=Smp_345680;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    10607083        10619711        .       +
        .
ID=Smp_345680.2;Parent=Smp_345680;geneID=Smp_345680;gene_name=Smp_34
5680;owner=irisadmin@local.host;orig_id=Smp_345680.4;date_last_modif
ied=2022-07-17;Name=Smp_345680.2;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    10607083        10607255        .       +
        .       Parent=Smp_345680.2;Name=dfdbb92e-2447-4c1b-921a-
dfe702afaacb
SM_V9_5 iris    exon    10614160        10615192        .       +
        .       Parent=Smp_345680.2;Name=1cc267f8-0a10-43c2-868b-
d0c2ba6c2f87
SM_V9_5 iris    exon    10617422        10619711        .       +
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        .
Parent=Smp_345680.2;Name=d83fdc4c-6a74-49e5-8cc9-0668939aa34a
SM_V9_5 iris    CDS     10614174        10615192        .       +
        0       Parent=Smp_345680.2
SM_V9_5 iris    CDS     10617422        10618322        .       +
        1       Parent=Smp_345680.2
SM_V9_5 iris    mRNA    10607083        10645140        .       +
        .
ID=Smp_345680.1;Parent=Smp_345680;geneID=Smp_345680;gene_name=Smp_34
5680;owner=irisadmin@local.host;orig_id=Smp_345680.1;date_last_modif
ied=2022-07-17;Name=Smp_345680.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    10607083        10607255        .       +
        .       Parent=Smp_345680.1;Name=55704b8b-0eed-4c2f-
bf1b-7517431ba7df
SM_V9_5 iris    exon    10614160        10615192        .       +
        .       Parent=Smp_345680.1;Name=0503b5a3-
f497-4ace-8ec8-2274140ba375
SM_V9_5 iris    exon    10617422        10618285        .       +
        .
Parent=Smp_345680.1;Name=774e300d-1285-439f-87cd-071f667617b4
SM_V9_5 iris    exon    10625282        10625568        .       +
        .       Parent=Smp_345680.1;Name=839fde4c-7805-42d1-bf2d-
bb2023bad6d3
SM_V9_5 iris    exon    10627425        10627823        .       +
        .       Parent=Smp_345680.1;Name=c60fde2a-57d5-450e-a621-
c381666169b2
SM_V9_5 iris    exon    10629492        10630369        .       +
        .       Parent=Smp_345680.1;Name=32a0aec9-2e2b-4e66-
bdc3-931e5ca9c1fc
SM_V9_5 iris    exon    10632746        10634065        .       +
        .       Parent=Smp_345680.1;Name=7c92f02b-
f942-4bc1-990f-3d49166dca80
SM_V9_5 iris    exon    10635013        10635981        .       +
        .       Parent=Smp_345680.1;Name=ab723a3c-65bc-405b-a7c0-
e6c553e3394d
SM_V9_5 iris    exon    10636234        10637394        .       +
        .       Parent=Smp_345680.1;Name=ef80e4fa-f0ee-43f7-
b1d8-041392256b3d
SM_V9_5 iris    exon    10638882        10639316        .       +
        .       Parent=Smp_345680.1;Name=151a1ac0-9195-461c-
bad5-04e6d7cefec2
SM_V9_5 iris    exon    10641459        10642019        .       +
        .       Parent=Smp_345680.1;Name=3306a3da-d279-48c8-a03d-
d30832408ce1
SM_V9_5 iris    exon    10643401        10645140        .       +
        .       Parent=Smp_345680.1;Name=2197a6a7-4864-420f-a727-
e96050bdba3f
SM_V9_5 iris    CDS     10614174        10615192        .       +
        0       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10617422        10618285        .       +
        1       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10625282        10625568        .       +
        1       Parent=Smp_345680.1
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SM_V9_5 iris    CDS     10627425        10627823        .       +
        2       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10629492        10630369        .       +
        2       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10632746        10634065        .       +
        0       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10635013        10635981        .       +
        0       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10636234        10637394        .       +
        0       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10638882        10639316        .       +
        0       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10641459        10642019        .       +
        0       Parent=Smp_345680.1
SM_V9_5 iris    CDS     10643401        10643493        .       +
        0       Parent=Smp_345680.1
SM_V9_5 Liftoff gene    10655656        10660201        .       +
        .       ID=Smp_330440;geneID=Smp_330440
SM_V9_5 Liftoff mRNA    10655656        10660201        .       +
        .
ID=Smp_330440.1;Parent=Smp_330440;geneID=Smp_330440;product=Phosphat
idylethanolamine N-methyltransferase
SM_V9_5 Liftoff exon    10655656        10655722        .       +
        .       Parent=Smp_330440.1
SM_V9_5 Liftoff exon    10656191        10656241        .       +
        .       Parent=Smp_330440.1
SM_V9_5 Liftoff exon    10657553        10657585        .       +
        .       Parent=Smp_330440.1
SM_V9_5 Liftoff exon    10659793        10660201        .       +
        .       Parent=Smp_330440.1
SM_V9_5 Liftoff CDS     10655683        10655722        .       +
        0       Parent=Smp_330440.1
SM_V9_5 Liftoff CDS     10656191        10656241        .       +
        2       Parent=Smp_330440.1
SM_V9_5 Liftoff CDS     10657553        10657585        .       +
        2       Parent=Smp_330440.1
SM_V9_5 Liftoff CDS     10659793        10659851        .       +
        2       Parent=Smp_330440.1
SM_V9_5 iris    gene    10670936        10673507        .       +
        .
ID=Smp_333230;geneID=Smp_333230;gene_name=Smp_333230;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    10670936        10673507        .       +
        .
ID=Smp_333230.1;Parent=Smp_333230;geneID=Smp_333230;gene_name=Smp_33
3230;owner=irisadmin@local.host;orig_id=Smp_333230.1;date_last_modif
ied=2022-08-18;Name=Smp_333230.1;product=Probable proteasome subunit
beta type-4;date_creation=2022-08-18
SM_V9_5 iris    exon    10670936        10670998        .       +
        .       Parent=Smp_333230.1;Name=77e52684-67d7-40c2-
ad38-557010f4e7df
SM_V9_5 iris    exon    10671436        10671486        .       +
        .       Parent=Smp_333230.1;Name=36ce22f9-5eb9-41c6-a97d-
d87bc608dc76
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SM_V9_5 iris    exon    10671841        10671859        .       +
        .       Parent=Smp_333230.1;Name=4387527b-f322-474c-93b9-
bb18176bae74
SM_V9_5 iris    exon    10672651        10672661        .       +
        .       Parent=Smp_333230.1;Name=8877b26f-
daaa-481f-9485-128c8e3f941d
SM_V9_5 iris    exon    10673131        10673507        .       +
        .
Parent=Smp_333230.1;Name=763a9493-4da6-40bd-8828-11bfa9d1076e
SM_V9_5 iris    CDS     10671479        10671486        .       +
        0       Parent=Smp_333230.1
SM_V9_5 iris    CDS     10671841        10671859        .       +
        1       Parent=Smp_333230.1
SM_V9_5 iris    CDS     10672651        10672661        .       +
        0       Parent=Smp_333230.1
SM_V9_5 iris    CDS     10673131        10673173        .       +
        1       Parent=Smp_333230.1
SM_V9_5 iris    gene    10677160        10698892        .       -
        .
ID=Smp_333270;geneID=Smp_333270;gene_name=Smp_333270;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    10677160        10698892        .       -
        .
ID=Smp_333270.1;Parent=Smp_333270;geneID=Smp_333270;gene_name=Smp_33
3270;owner=irisadmin@local.host;orig_id=Smp_333270.1;date_last_modif
ied=2022-08-30;Name=Smp_333270.1;product=Accessory colonization
factor AcfD;date_creation=2022-08-30
SM_V9_5 iris    exon    10677160        10677320        .       -
        .       Parent=Smp_333270.1;Name=6ff7afa1-1815-463a-
a67a-67ba36dff961
SM_V9_5 iris    exon    10678348        10678368        .       -
        .       Parent=Smp_333270.1;Name=3be810ba-3e5e-4220-b7e2-
b6e4ff09dc39
SM_V9_5 iris    exon    10679886        10679893        .       -
        .       Parent=Smp_333270.1;Name=ca981ce1-cfb4-4445-9732-
b0c087af8104
SM_V9_5 iris    exon    10681435        10681439        .       -
        .       Parent=Smp_333270.1;Name=70d0e2a5-
c2d8-4dea-9f2f-6b1646325fb0
SM_V9_5 iris    exon    10681606        10681617        .       -
        .       Parent=Smp_333270.1;Name=e04f6156-
cb7f-4562-84b7-2d58bc2364ce
SM_V9_5 iris    exon    10683536        10683554        .       -
        .       Parent=Smp_333270.1;Name=642fc56c-82ef-4946-b67b-
ad6407014fe5
SM_V9_5 iris    exon    10684493        10684497        .       -
        .       Parent=Smp_333270.1;Name=7115afe9-5461-45f0-
ad13-77cfdafe4d64
SM_V9_5 iris    exon    10687354        10687369        .       -
        .       Parent=Smp_333270.1;Name=6fcb4baa-5ca6-4cf1-aae4-
a4d253f02e9d
SM_V9_5 iris    exon    10688544        10688573        .       -
        .       Parent=Smp_333270.1;Name=5edba31e-6622-40ae-
ad30-83d1de4783bd
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SM_V9_5 iris    exon    10689832        10689870        .       -
        .       Parent=Smp_333270.1;Name=253c82b4-3dbe-4b85-9db6-
e85160d6bd13
SM_V9_5 iris    exon    10691236        10691240        .       -
        .       Parent=Smp_333270.1;Name=b4ccfa3a-0364-4544-9b0c-
b0647b373fb6
SM_V9_5 iris    exon    10691422        10691449        .       -
        .       Parent=Smp_333270.1;Name=0a3bf36b-4942-4e37-a781-
a372ef48ae1b
SM_V9_5 iris    exon    10695592        10695621        .       -
        .       Parent=Smp_333270.1;Name=28aa0224-e1b7-4b97-9d9b-
c73bd9e9ab7c
SM_V9_5 iris    exon    10697259        10697300        .       -
        .       Parent=Smp_333270.1;Name=5f5f5c2e-
b6d6-4ef6-8bad-5afdcd93d522
SM_V9_5 iris    exon    10698837        10698892        .       -
        .       Parent=Smp_333270.1;Name=7ea72fa4-ad8b-4650-a542-
c0150da4fb18
SM_V9_5 iris    CDS     10678360        10678368        .       -
        0       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10679886        10679893        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10681435        10681439        .       -
        1       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10681606        10681617        .       -
        1       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10683536        10683554        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10684493        10684497        .       -
        1       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10687354        10687369        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10688544        10688573        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10689832        10689870        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10691236        10691240        .       -
        1       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10691422        10691449        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10695592        10695621        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10697259        10697300        .       -
        2       Parent=Smp_333270.1
SM_V9_5 iris    CDS     10698837        10698861        .       -
        0       Parent=Smp_333270.1
SM_V9_5 iris    gene    10711048        10714640        .       -
        .
ID=Smp_350330;geneID=Smp_350330;gene_name=Smp_350330;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    10711048        10714640        .       -
        .
ID=Smp_350330.1;Parent=Smp_350330;geneID=Smp_350330;gene_name=Smp_35
0330;owner=irisadmin@local.host;date_last_modified=2022-08-30;Name=S
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mp_350330.1;date_creation=2022-08-30
SM_V9_5 iris    exon    10711048        10711156        .       -
        .       Parent=Smp_350330.1;Name=Smp_350330.1-CDS
SM_V9_5 iris    exon    10712368        10712397        .       -
        .       Parent=Smp_350330.1;Name=702d0ac7-c99b-4321-
aa80-433f2bbddd0d
SM_V9_5 iris    exon    10713273        10713314        .       -
        .       Parent=Smp_350330.1;Name=4e24d358-294c-4a9b-
a2cd-288dcc5d7b4a
SM_V9_5 iris    exon    10714557        10714640        .       -
        .       Parent=Smp_350330.1;Name=9456e9e1-41a3-4821-9a07-
bc08c7db6341
SM_V9_5 iris    CDS     10711151        10711156        .       -
        0       Parent=Smp_350330.1
SM_V9_5 iris    CDS     10712368        10712397        .       -
        0       Parent=Smp_350330.1
SM_V9_5 iris    CDS     10713273        10713314        .       -
        0       Parent=Smp_350330.1
SM_V9_5 iris    CDS     10714557        10714583        .       -
        0       Parent=Smp_350330.1
SM_V9_5 Liftoff gene    10765978        10787910        .       -
        .       ID=Smp_153290;geneID=Smp_153290
SM_V9_5 Liftoff mRNA    10765978        10787910        .       -
        .
ID=Smp_153290.1;Parent=Smp_153290;geneID=Smp_153290;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    10765978        10767344        .       -
        .       Parent=Smp_153290.1
SM_V9_5 Liftoff exon    10771789        10772246        .       -
        .       Parent=Smp_153290.1
SM_V9_5 Liftoff exon    10778052        10778245        .       -
        .       Parent=Smp_153290.1
SM_V9_5 Liftoff exon    10783702        10783843        .       -
        .       Parent=Smp_153290.1
SM_V9_5 Liftoff exon    10787453        10787588        .       -
        .       Parent=Smp_153290.1
SM_V9_5 Liftoff exon    10787627        10787910        .       -
        .       Parent=Smp_153290.1
SM_V9_5 Liftoff CDS     10766918        10767344        .       -
        1       Parent=Smp_153290.1
SM_V9_5 Liftoff CDS     10771789        10772246        .       -
        0       Parent=Smp_153290.1
SM_V9_5 Liftoff CDS     10778052        10778245        .       -
        2       Parent=Smp_153290.1
SM_V9_5 Liftoff CDS     10783702        10783843        .       -
        0       Parent=Smp_153290.1
SM_V9_5 Liftoff CDS     10787453        10787588        .       -
        1       Parent=Smp_153290.1
SM_V9_5 Liftoff CDS     10787627        10787799        .       -
        0       Parent=Smp_153290.1
SM_V9_5 Liftoff gene    10792319        10810283        .       +
        .
ID=Smp_340920;geneID=Smp_340920;previous_systematic_id=Smp_057930
SM_V9_5 Liftoff mRNA    10792319        10810283        .       +
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        .
ID=Smp_340920.1;Parent=Smp_340920;geneID=Smp_340920;product=Protohem
e IX farnesyltransferase,
mitochondrial;polypeptide_domain=InterPro:IPR000537,IPR006369,IPR030
470
Pfam:PF01040;Ontology_term=GO:0008495,GO:0016021,GO:0016765,GO:00480
34
SM_V9_5 Liftoff exon    10792319        10798696        .       +
        .       Parent=Smp_340920.1
SM_V9_5 Liftoff exon    10801163        10801235        .       +
        .       Parent=Smp_340920.1
SM_V9_5 Liftoff exon    10802870        10803249        .       +
        .       Parent=Smp_340920.1
SM_V9_5 Liftoff exon    10805213        10805283        .       +
        .       Parent=Smp_340920.1
SM_V9_5 Liftoff exon    10806908        10807140        .       +
        .       Parent=Smp_340920.1
SM_V9_5 Liftoff exon    10809655        10810283        .       +
        .       Parent=Smp_340920.1
SM_V9_5 Liftoff CDS     10798508        10798696        .       +
        0       Parent=Smp_340920.1
SM_V9_5 Liftoff CDS     10801163        10801235        .       +
        0       Parent=Smp_340920.1
SM_V9_5 Liftoff CDS     10802870        10803249        .       +
        2       Parent=Smp_340920.1
SM_V9_5 Liftoff CDS     10805213        10805283        .       +
        0       Parent=Smp_340920.1
SM_V9_5 Liftoff CDS     10806908        10807140        .       +
        1       Parent=Smp_340920.1
SM_V9_5 Liftoff CDS     10809655        10810082        .       +
        2       Parent=Smp_340920.1
SM_V9_5 iris    gene    10814889        10822490        .       -
        .
ID=Smp_153300;geneID=Smp_153300;gene_name=Smp_153300;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    10814889        10822490        .       -
        .
ID=Smp_153300.1;Parent=Smp_153300;geneID=Smp_153300;gene_name=Smp_15
3300;owner=irisadmin@local.host;orig_id=Smp_153300.1;date_last_modif
ied=2022-08-18;Name=Smp_153300.1;product=Cytochrome P450
72C1;date_creation=2022-08-18
SM_V9_5 iris    exon    10814889        10816341        .       -
        .       Parent=Smp_153300.1;Name=4cbd7aef-5fd2-4db0-
be18-66d9e0520a7f
SM_V9_5 iris    exon    10818260        10818346        .       -
        .       Parent=Smp_153300.1;Name=35310d19-5c28-4747-
bd90-7d9597913b46
SM_V9_5 iris    exon    10822217        10822490        .       -
        .       Parent=Smp_153300.1;Name=3274195b-b8de-4c61-93d2-
c205797029bd
SM_V9_5 iris    CDS     10816033        10816326        .       -
        0       Parent=Smp_153300.1
SM_V9_5 Liftoff gene    10839344        10864358        .       +
        .
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ID=Smp_344580;geneID=Smp_344580;previous_systematic_id=Smp_153310,Sm
p_153320
SM_V9_5 Liftoff mRNA    10839344        10864358        .       +
       .
ID=Smp_344580.1;Parent=Smp_344580;geneID=Smp_344580;product=Lethal(2
) giant larvae protein homolog
1;polypeptide_domain=InterPro:IPR013577,IPR015943,IPR017986
Pfam:PF08366;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    10839344        10839557        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10839590        10839687        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10839721        10839799        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10839835        10839938        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10840958        10841116        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10841874        10842312        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10843362        10843602        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10844654        10844705        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10847300        10847460        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10847744        10847931        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10848560        10848823        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10850137        10850499        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10852062        10852302        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10852401        10852595        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10853914        10854358        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10854479        10854812        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10859341        10859515        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10860229        10860515        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10860613        10860770        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10860910        10861088        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff exon    10862860        10864358        .       +
       .       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10839435        10839557        .       +
       0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10839590        10839687        .       +
       0       Parent=Smp_344580.1
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SM_V9_5 Liftoff CDS     10839721        10839799        .       +
        1       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10839835        10839938        .       +
        0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10840958        10841116        .       +
        1       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10841874        10842312        .       +
        1       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10843362        10843602        .       +
        0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10844654        10844705        .       +
        2       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10847300        10847460        .       +
        1       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10847744        10847931        .       +
        2       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10848560        10848823        .       +
        0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10850137        10850499        .       +
        0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10852062        10852302        .       +
        0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10852401        10852595        .       +
        2       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10853914        10854358        .       +
        2       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10854479        10854812        .       +
        1       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10859341        10859515        .       +
        0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10860229        10860515        .       +
        2       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10860613        10860770        .       +
        0       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10860910        10861088        .       +
        1       Parent=Smp_344580.1
SM_V9_5 Liftoff CDS     10862860        10862870        .       +
        2       Parent=Smp_344580.1
SM_V9_5 Liftoff gene    10888576        10889800        .       -
        .       ID=Smp_153330;geneID=Smp_153330
SM_V9_5 Liftoff mRNA    10888576        10889800        .       -
        .
ID=Smp_153330.1;Parent=Smp_153330;geneID=Smp_153330;product=Ubiquiti
n carboxyl-terminal hydrolase 29
SM_V9_5 Liftoff exon    10888576        10888704        .       -
        .       Parent=Smp_153330.1
SM_V9_5 Liftoff exon    10889786        10889800        .       -
        .       Parent=Smp_153330.1
SM_V9_5 Liftoff CDS     10888576        10888704        .       -
        0       Parent=Smp_153330.1
SM_V9_5 Liftoff CDS     10889786        10889800        .       -
        0       Parent=Smp_153330.1
SM_V9_5 Liftoff gene    10945825        10954970        .       -
        .       ID=Smp_153340;geneID=Smp_153340
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SM_V9_5 Liftoff mRNA    10945825        10954970        .       -
        .
ID=Smp_153340.1;Parent=Smp_153340;geneID=Smp_153340;product=Ectonucl
eotide pyrophosphatase/phosphodiesterase family member
5;polypeptide_domain=InterPro:IPR002591,IPR017849,IPR017850
Pfam:PF01663;Ontology_term=GO:0003824,GO:0008152
SM_V9_5 Liftoff exon    10945825        10946594        .       -
        .       Parent=Smp_153340.1
SM_V9_5 Liftoff exon    10949620        10949889        .       -
        .       Parent=Smp_153340.1
SM_V9_5 Liftoff exon    10951969        10952151        .       -
        .       Parent=Smp_153340.1
SM_V9_5 Liftoff exon    10952193        10954970        .       -
        .       Parent=Smp_153340.1
SM_V9_5 Liftoff CDS     10946182        10946594        .       -
        2       Parent=Smp_153340.1
SM_V9_5 Liftoff CDS     10949620        10949889        .       -
        2       Parent=Smp_153340.1
SM_V9_5 Liftoff CDS     10951969        10952151        .       -
        2       Parent=Smp_153340.1
SM_V9_5 Liftoff CDS     10952193        10953054        .       -
        0       Parent=Smp_153340.1
SM_V9_5 iris    gene    10969177        10976872        .       +
        .
ID=Smp_153350;geneID=Smp_153350;gene_name=Smp_153350;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    10969177        10976872        .       +
        .
ID=Smp_153350.1;Parent=Smp_153350;geneID=Smp_153350;gene_name=Smp_15
3350;owner=irisadmin@local.host;orig_id=Smp_153350.1;date_last_modif
ied=2022-08-18;Name=Smp_153350.1;product=tRNase Z TRZ2,
chloroplastic;date_creation=2022-08-18
SM_V9_5 iris    exon    10969177        10969308        .       +
        .       Parent=Smp_153350.1;Name=24e32467-a7a5-4935-8114-
d0aa9219c983
SM_V9_5 iris    exon    10971877        10972033        .       +
        .       Parent=Smp_153350.1;Name=10505cb7-5349-4f43-
bbb9-358aefb3465c
SM_V9_5 iris    exon    10972065        10972272        .       +
        .       Parent=Smp_153350.1;Name=f8b53214-6f06-48b2-
b14f-15ebf23464e6
SM_V9_5 iris    exon    10972319        10972436        .       +
        .       Parent=Smp_153350.1;Name=a80a4e88-
e1fb-4d51-80b2-918cc47b3ee7
SM_V9_5 iris    exon    10974477        10974655        .       +
        .
Parent=Smp_153350.1;Name=9afad96c-85c4-4b9f-9341-5a6807f9b198
SM_V9_5 iris    exon    10976635        10976872        .       +
        .       Parent=Smp_153350.1;Name=34959489-93c4-4f60-9d33-
ac3160abc0b3
SM_V9_5 iris    CDS     10971879        10972033        .       +
        0       Parent=Smp_153350.1
SM_V9_5 iris    CDS     10972065        10972272        .       +
        1       Parent=Smp_153350.1
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SM_V9_5 iris    CDS     10972319        10972436        .       +
        0       Parent=Smp_153350.1
SM_V9_5 iris    CDS     10974477        10974655        .       +
        2       Parent=Smp_153350.1
SM_V9_5 iris    CDS     10976635        10976781        .       +
        0       Parent=Smp_153350.1
SM_V9_5 Liftoff gene    10982862        11000573        .       -
        .
ID=Smp_344590;geneID=Smp_344590;previous_systematic_id=Smp_153360
SM_V9_5 Liftoff mRNA    10982862        11000573        .       -
        .
ID=Smp_344590.1;Parent=Smp_344590;geneID=Smp_344590;product=Uncharac
terized J domain-containing protein
C4H3.01;polypeptide_domain=InterPro:IPR001623 Pfam:PF00226
SM_V9_5 Liftoff exon    10982862        10983066        .       -
        .       Parent=Smp_344590.1
SM_V9_5 Liftoff exon    10985644        10985795        .       -
        .       Parent=Smp_344590.1
SM_V9_5 Liftoff exon    10987793        10987939        .       -
        .       Parent=Smp_344590.1
SM_V9_5 Liftoff exon    10990468        10990710        .       -
        .       Parent=Smp_344590.1
SM_V9_5 Liftoff exon    10994774        10994958        .       -
        .       Parent=Smp_344590.1
SM_V9_5 Liftoff exon    11000279        11000573        .       -
        .       Parent=Smp_344590.1
SM_V9_5 Liftoff CDS     10982956        10983066        .       -
        0       Parent=Smp_344590.1
SM_V9_5 Liftoff CDS     10985644        10985795        .       -
        2       Parent=Smp_344590.1
SM_V9_5 Liftoff CDS     10987793        10987939        .       -
        2       Parent=Smp_344590.1
SM_V9_5 Liftoff CDS     10990468        10990710        .       -
        2       Parent=Smp_344590.1
SM_V9_5 Liftoff CDS     10994774        10994958        .       -
        1       Parent=Smp_344590.1
SM_V9_5 Liftoff CDS     11000279        11000523        .       -
        0       Parent=Smp_344590.1
SM_V9_5 iris    gene    11013212        11018380        .       -
        .
ID=Smp_153370;geneID=Smp_153370;gene_name=Smp_153370;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    11013212        11018380        .       -
        .
ID=Smp_153370.1;Parent=Smp_153370;geneID=Smp_153370;gene_name=Smp_15
3370;owner=irisadmin@local.host;orig_id=Smp_153370.1;date_last_modif
ied=2022-08-18;Name=Smp_153370.1;product=Acetylglutamate
kinase;date_creation=2022-08-18
SM_V9_5 iris    exon    11013212        11013332        .       -
        .       Parent=Smp_153370.1;Name=8695e9e5-
c8e4-4229-9b94-3a37da4dc69a
SM_V9_5 iris    exon    11013577        11013607        .       -
        .       Parent=Smp_153370.1;Name=b02535b1-7389-4761-
b2b9-3c01f3b25fc8
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SM_V9_5 iris    exon    11014308        11014343        .       -
        .       Parent=Smp_153370.1;Name=0b04a1d0-1df5-4c07-bd4b-
b65e4fad88c4
SM_V9_5 iris    exon    11014634        11014666        .       -
        .       Parent=Smp_153370.1;Name=038f3ef1-
ac4e-4358-9263-799a7d5110de
SM_V9_5 iris    exon    11015624        11015659        .       -
        .       Parent=Smp_153370.1;Name=56953a41-38b6-4778-aab0-
c0bfa281b66d
SM_V9_5 iris    exon    11016392        11016424        .       -
        .       Parent=Smp_153370.1;Name=102613fc-
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SM_V9_5 iris    exon    11017089        11017124        .       -
        .       Parent=Smp_153370.1;Name=24eb6582-ae77-4c90-
b6b2-8feaaed05a63
SM_V9_5 iris    exon    11018125        11018157        .       -
        .       Parent=Smp_153370.1;Name=3fa66cc6-6d20-49c6-add2-
c9cad20303c9
SM_V9_5 iris    exon    11018374        11018380        .       -
        .       Parent=Smp_153370.1;Name=b68c8286-50e8-477e-83b4-
ae1b1ded879c
SM_V9_5 iris    CDS     11013582        11013607        .       -
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SM_V9_5 iris    CDS     11014308        11014343        .       -
        2       Parent=Smp_153370.1
SM_V9_5 iris    CDS     11014634        11014666        .       -
        2       Parent=Smp_153370.1
SM_V9_5 iris    CDS     11015624        11015659        .       -
        2       Parent=Smp_153370.1
SM_V9_5 iris    CDS     11016392        11016424        .       -
        2       Parent=Smp_153370.1
SM_V9_5 iris    CDS     11017089        11017124        .       -
        2       Parent=Smp_153370.1
SM_V9_5 iris    CDS     11018125        11018146        .       -
        0       Parent=Smp_153370.1
SM_V9_5 iris    gene    11079537        11092416        .       -
        .
ID=Smp_333280;geneID=Smp_333280;gene_name=Smp_333280;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_5 iris    mRNA    11079537        11092416        .       -
        .
ID=Smp_333280.1;Parent=Smp_333280;geneID=Smp_333280;gene_name=Smp_33
3280;owner=irisadmin@local.host;orig_id=Smp_333280.1;date_last_modif
ied=2022-11-13;Name=Smp_333280.1;product=Stress response protein
nst1;date_creation=2022-11-13
SM_V9_5 iris    exon    11079537        11079641        .       -
        .       Parent=Smp_333280.1;Name=2bf6a402-
ed4b-44e9-882a-6d80638131ad
SM_V9_5 iris    exon    11079913        11079943        .       -
        .       Parent=Smp_333280.1;Name=5944342c-880f-4bc4-a15b-
a97280679cfd
SM_V9_5 iris    exon    11080614        11080649        .       -
        .       Parent=Smp_333280.1;Name=8acb7b3b-ac3a-40c1-a1d4-
ff2fdaea095f
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SM_V9_5 iris    exon    11080922        11080954        .       -
        .       Parent=Smp_333280.1;Name=380d7894-d232-4ed7-82df-
f3bdbc53e5cd
SM_V9_5 iris    exon    11081701        11081736        .       -
        .
Parent=Smp_333280.1;Name=4d20929c-144e-4a36-917b-451ad6b2bf9f
SM_V9_5 iris    exon    11082491        11082523        .       -
        .       Parent=Smp_333280.1;Name=6ac68cce-b2e7-4b32-895a-
fc1c8a2e3feb
SM_V9_5 iris    exon    11083505        11083540        .       -
        .       Parent=Smp_333280.1;Name=fc3ac756-e3f1-414e-
b394-7c1f30b18ecf
SM_V9_5 iris    exon    11084527        11084559        .       -
        .       Parent=Smp_333280.1;Name=f120c982-c3a8-4e03-8b1d-
ddf50717324c
SM_V9_5 iris    exon    11084773        11084796        .       -
        .       Parent=Smp_333280.1;Name=410da9ec-4d64-4252-8072-
fdd5af4fcac5
SM_V9_5 iris    exon    11085188        11085226        .       -
        .       Parent=Smp_333280.1;Name=01192a00-cd94-4117-b271-
b27b343f9c6a
SM_V9_5 iris    exon    11085549        11085572        .       -
        .       Parent=Smp_333280.1;Name=7072cf4e-f29a-48e7-b5b7-
fef2e7b245d8
SM_V9_5 iris    exon    11086675        11086698        .       -
        .       Parent=Smp_333280.1;Name=4eb591ce-ccb5-4e30-
a0d2-22d34776846f
SM_V9_5 iris    exon    11087176        11087211        .       -
        .       Parent=Smp_333280.1;Name=6c355ff1-1eb4-4c1e-
ac68-1cabdb46e23a
SM_V9_5 iris    exon    11087814        11087849        .       -
        .       Parent=Smp_333280.1;Name=82cd635e-3703-435b-b7fb-
efbf7c82d8cf
SM_V9_5 iris    exon    11089526        11089561        .       -
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Parent=Smp_333280.1;Name=dcd8dec1-8c25-4aef-95a1-16d36e0af9aa
SM_V9_5 iris    exon    11090985        11091032        .       -
        .       Parent=Smp_333280.1;Name=7d6be580-8a63-4b95-ac16-
f1c81cb1c462
SM_V9_5 iris    exon    11091946        11091981        .       -
        .
Parent=Smp_333280.1;Name=5f18323c-943b-4c30-8e66-299c8d98c0bb
SM_V9_5 iris    exon    11092357        11092416        .       -
        .       Parent=Smp_333280.1;Name=b7646493-21ed-4145-
a5ba-8681a8c601c5
SM_V9_5 iris    CDS     11079918        11079943        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11080614        11080649        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11080922        11080954        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11081701        11081736        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11082491        11082523        .       -
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        2       Parent=Smp_333280.1
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        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11084527        11084559        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11084773        11084796        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11085188        11085226        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11085549        11085572        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11086675        11086698        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11087176        11087211        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11087814        11087849        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11089526        11089561        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11090985        11091032        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11091946        11091981        .       -
        2       Parent=Smp_333280.1
SM_V9_5 iris    CDS     11092357        11092405        .       -
        0       Parent=Smp_333280.1
SM_V9_5 iris    mRNA    11086206        11092416        .       -
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3280;owner=irisadmin@local.host;orig_id=Smp_333280.2;date_last_modif
ied=2022-11-13;Name=Smp_333280.2;product=Phosphatidylcholine:ceramid
e cholinephosphotransferase 2;date_creation=2022-11-13
SM_V9_5 iris    exon    11086206        11086698        .       -
        .
Parent=Smp_333280.2;Name=caaf116f-9c95-40a7-836b-3c65f81a551f
SM_V9_5 iris    exon    11087176        11087211        .       -
        .       Parent=Smp_333280.2;Name=6bf5222d-
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SM_V9_5 iris    exon    11087814        11087849        .       -
        .
Parent=Smp_333280.2;Name=9689b77e-47f8-4465-8659-34b296c255e5
SM_V9_5 iris    exon    11090985        11091032        .       -
        .       Parent=Smp_333280.2;Name=beea55b8-884d-4fd4-a917-
aaa67730d814
SM_V9_5 iris    exon    11091946        11091981        .       -
        .       Parent=Smp_333280.2;Name=3e9abae1-1c11-484c-
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SM_V9_5 iris    exon    11092357        11092416        .       -
        .       Parent=Smp_333280.2;Name=285e99fe-10e2-4056-b31a-
b40e0f793de0
SM_V9_5 iris    CDS     11086640        11086698        .       -
        2       Parent=Smp_333280.2
SM_V9_5 iris    CDS     11087176        11087211        .       -
        2       Parent=Smp_333280.2
SM_V9_5 iris    CDS     11087814        11087849        .       -
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        2       Parent=Smp_333280.2
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        2       Parent=Smp_333280.2
SM_V9_5 iris    CDS     11091946        11091981        .       -
        2       Parent=Smp_333280.2
SM_V9_5 iris    CDS     11092357        11092405        .       -
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SM_V9_5 Liftoff gene    11125449        11131160        .       -
        .       ID=Smp_153390;geneID=Smp_153390
SM_V9_5 Liftoff mRNA    11125449        11131160        .       -
        .
ID=Smp_153390.1;Parent=Smp_153390;geneID=Smp_153390;product=Nucleoti
de pyrophosphatase:phosphodiesterase 5;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR002591,IPR017849,IPR017850
Pfam:PF01663;Ontology_term=GO:0003824,GO:0008152
SM_V9_5 Liftoff exon    11125449        11125968        .       -
        .       Parent=Smp_153390.1
SM_V9_5 Liftoff exon    11126771        11126982        .       -
        .       Parent=Smp_153390.1
SM_V9_5 Liftoff exon    11130056        11130238        .       -
        .       Parent=Smp_153390.1
SM_V9_5 Liftoff exon    11130273        11131160        .       -
        .       Parent=Smp_153390.1
SM_V9_5 Liftoff CDS     11125873        11125968        .       -
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SM_V9_5 Liftoff CDS     11126771        11126982        .       -
        2       Parent=Smp_153390.1
SM_V9_5 Liftoff CDS     11130056        11130238        .       -
        2       Parent=Smp_153390.1
SM_V9_5 Liftoff CDS     11130273        11131131        .       -
        0       Parent=Smp_153390.1
SM_V9_5 Liftoff gene    11155174        11160210        .       +
        .       ID=Smp_247660;geneID=Smp_247660
SM_V9_5 Liftoff mRNA    11155174        11160210        .       +
        .
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dependent calcium channel unc-36
SM_V9_5 Liftoff exon    11155174        11155231        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff exon    11155379        11155411        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff exon    11156385        11156417        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff exon    11157104        11157148        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff exon    11157831        11157866        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff exon    11158656        11158691        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff exon    11158906        11158942        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff exon    11160203        11160210        .       +
        .       Parent=Smp_247660.1
SM_V9_5 Liftoff CDS     11155183        11155231        .       +
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SM_V9_5 Liftoff CDS     11155379        11155411        .       +
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SM_V9_5 Liftoff CDS     11156385        11156417        .       +
        2       Parent=Smp_247660.1
SM_V9_5 Liftoff CDS     11157104        11157148        .       +
        2       Parent=Smp_247660.1
SM_V9_5 Liftoff CDS     11157831        11157866        .       +
        2       Parent=Smp_247660.1
SM_V9_5 Liftoff CDS     11158656        11158691        .       +
        2       Parent=Smp_247660.1
SM_V9_5 Liftoff CDS     11158906        11158942        .       +
        2       Parent=Smp_247660.1
SM_V9_5 Liftoff CDS     11160203        11160206        .       +
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SM_V9_5 Liftoff gene    11161685        11187010        .       -
        .       ID=Smp_058050;geneID=Smp_058050
SM_V9_5 Liftoff mRNA    11161685        11187010        .       -
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1;polypeptide_domain=InterPro:IPR003029,IPR006641,IPR010994,IPR01233
7,IPR012340,IPR018974,IPR022967,IPR023319,IPR023323,IPR032639
Pfam:PF00575,PF09371,PF12836,PF16921;Ontology_term=GO:0003676,GO:000
6139
SM_V9_5 Liftoff exon    11161685        11162228        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11162880        11162984        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11163185        11163273        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11164624        11164869        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11166270        11166361        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11172255        11172738        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11175610        11175987        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11177047        11177249        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11178594        11178855        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11184179        11184278        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11184711        11184849        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11184891        11185008        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff exon    11185049        11187010        .       -
        .       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11161879        11162228        .       -
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SM_V9_5 Liftoff CDS     11162880        11162984        .       -
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SM_V9_5 Liftoff CDS     11164624        11164869        .       -
        1       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11166270        11166361        .       -
        0       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11172255        11172738        .       -
        1       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11175610        11175987        .       -
        1       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11177047        11177249        .       -
        0       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11178594        11178855        .       -
        1       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11184179        11184278        .       -
        2       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11184711        11184849        .       -
        0       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11184891        11185008        .       -
        1       Parent=Smp_058050.1
SM_V9_5 Liftoff CDS     11185049        11185254        .       -
        0       Parent=Smp_058050.1
SM_V9_5 Liftoff mRNA    11161685        11187010        .       -
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ID=Smp_058050.2;Parent=Smp_058050;geneID=Smp_058050;product=S1 RNA-
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7,IPR012340,IPR022967,IPR023323,IPR032639
Pfam:PF00575,PF12836,PF16921;Ontology_term=GO:0003676,GO:0006139
SM_V9_5 Liftoff exon    11161685        11162228        .       -
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SM_V9_5 Liftoff exon    11162880        11162984        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11163185        11163273        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11164624        11164869        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11166270        11166361        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11172255        11172738        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11175610        11175987        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11177047        11177249        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11178594        11178855        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11184179        11184278        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff exon    11185049        11187010        .       -
        .       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11161879        11162228        .       -
        2       Parent=Smp_058050.2
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SM_V9_5 Liftoff CDS     11162880        11162984        .       -
        2       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11163185        11163273        .       -
        1       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11164624        11164869        .       -
        1       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11166270        11166361        .       -
        0       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11172255        11172738        .       -
        1       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11175610        11175987        .       -
        1       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11177047        11177249        .       -
        0       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11178594        11178855        .       -
        1       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11184179        11184278        .       -
        2       Parent=Smp_058050.2
SM_V9_5 Liftoff CDS     11185049        11185058        .       -
        0       Parent=Smp_058050.2
SM_V9_5 iris    gene    11197764        11215027        .       +
        .
ID=Smp_153410;geneID=Smp_153410;gene_name=Smp_153410;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    11197764        11215027        .       +
        .
ID=Smp_153410.1;Parent=Smp_153410;geneID=Smp_153410;gene_name=Smp_15
3410;owner=irisadmin@local.host;orig_id=Smp_153410.1;date_last_modif
ied=2022-07-17;Name=Smp_153410.1;product=Serine/threonine-protein
phosphatase 2A 65 kDa regulatory subunit A alpha
isoform;date_creation=2022-07-17
SM_V9_5 iris    exon    11197764        11197906        .       +
        .
Parent=Smp_153410.1;Name=58312ee3-5845-4cde-82b2-97524855f081
SM_V9_5 iris    exon    11199543        11199836        .       +
        .       Parent=Smp_153410.1;Name=0f02e756-9021-4706-
a9db-9f3aa1ce92bb
SM_V9_5 iris    exon    11201221        11201450        .       +
        .       Parent=Smp_153410.1;Name=6622796a-2006-493a-
a8d0-88d8e533eeeb
SM_V9_5 iris    exon    11204397        11204982        .       +
        .       Parent=Smp_153410.1;Name=0c06c349-0838-4b58-
a2f8-561aca826a06
SM_V9_5 iris    exon    11208139        11208900        .       +
        .
Parent=Smp_153410.1;Name=8ad94114-22cc-4df5-9c2f-74cb240b7d01
SM_V9_5 iris    exon    11210530        11210691        .       +
        .       Parent=Smp_153410.1;Name=ee99ac3d-
c2b7-4b99-9724-8fa8dd9d8ecb
SM_V9_5 iris    exon    11213454        11215027        .       +
        .       Parent=Smp_153410.1;Name=45c474a9-e7c4-4869-
b551-7fff40639426
SM_V9_5 iris    CDS     11199549        11199836        .       +
        0       Parent=Smp_153410.1
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SM_V9_5 iris    CDS     11201221        11201450        .       +
        0       Parent=Smp_153410.1
SM_V9_5 iris    CDS     11204397        11204982        .       +
        1       Parent=Smp_153410.1
SM_V9_5 iris    CDS     11208139        11208900        .       +
        0       Parent=Smp_153410.1
SM_V9_5 iris    CDS     11210530        11210691        .       +
        0       Parent=Smp_153410.1
SM_V9_5 iris    CDS     11213454        11213960        .       +
        0       Parent=Smp_153410.1
SM_V9_5 Liftoff gene    11300434        11328220        .       -
        .       ID=Smp_058080;geneID=Smp_058080
SM_V9_5 Liftoff mRNA    11300434        11328220        .       -
        .
ID=Smp_058080.1;Parent=Smp_058080;geneID=Smp_058080;product=RYamide
receptor;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_5 Liftoff exon    11300434        11301171        .       -
        .       Parent=Smp_058080.1
SM_V9_5 Liftoff exon    11326839        11328220        .       -
        .       Parent=Smp_058080.1
SM_V9_5 Liftoff CDS     11300704        11301171        .       -
        0       Parent=Smp_058080.1
SM_V9_5 Liftoff CDS     11326839        11327990        .       -
        0       Parent=Smp_058080.1
SM_V9_5 iris    gene    11389154        11413034        .       +
        .
ID=Smp_153430;geneID=Smp_153430;gene_name=Smp_153430;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    11389154        11413034        .       +
        .
ID=Smp_153430.1;Parent=Smp_153430;geneID=Smp_153430;gene_name=Smp_15
3430;owner=irisadmin@local.host;orig_id=Smp_153430.1;date_last_modif
ied=2022-08-18;Name=Smp_153430.1;product=Probable arginine--tRNA
ligase, mitochondrial;date_creation=2022-08-18
SM_V9_5 iris    exon    11389154        11389213        .       +
        .       Parent=Smp_153430.1;Name=c00ef40c-2758-40c6-
bd88-438a9a5334da
SM_V9_5 iris    exon    11389938        11390062        .       +
        .       Parent=Smp_153430.1;Name=61ec0807-04f1-48bd-aebc-
ad9c510ecea4
SM_V9_5 iris    exon    11390103        11390211        .       +
        .       Parent=Smp_153430.1;Name=fa491ccb-a1e8-42ac-b013-
c9b55f1b93cb
SM_V9_5 iris    exon    11390281        11390420        .       +
        .
Parent=Smp_153430.1;Name=76ca2ac1-2160-467b-8f67-40f2b896427d
SM_V9_5 iris    exon    11392149        11392225        .       +
        .       Parent=Smp_153430.1;Name=f9ee0b25-2cf4-4e4e-bd40-
e0ca06e1ec8b
SM_V9_5 iris    exon    11395352        11395543        .       +
        .       Parent=Smp_153430.1;Name=23040387-dbe2-4ab3-bd1a-
d7f7d54cf64e
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SM_V9_5 iris    exon    11397798        11397904        .       +
        .       Parent=Smp_153430.1;Name=422ac964-
d6d5-4ca3-9ef5-21bd6e90e59b
SM_V9_5 iris    exon    11401947        11402051        .       +
        .       Parent=Smp_153430.1;Name=d9085c7f-
a238-48b9-8b54-6fca214cedd7
SM_V9_5 iris    exon    11402496        11402556        .       +
        .       Parent=Smp_153430.1;Name=596e1e3b-a8d3-4ca6-83a1-
ae00d73d69a0
SM_V9_5 iris    exon    11403914        11403990        .       +
        .
Parent=Smp_153430.1;Name=1a5aef16-8fc7-42e2-86f9-605771b2837d
SM_V9_5 iris    exon    11407013        11407203        .       +
        .       Parent=Smp_153430.1;Name=e19d4992-9318-4ec7-99fd-
bca0cc96ad5c
SM_V9_5 iris    exon    11407784        11408039        .       +
        .       Parent=Smp_153430.1;Name=c6aa83f3-34e9-44a6-9ee1-
e9ce8861373a
SM_V9_5 iris    exon    11408638        11408814        .       +
        .       Parent=Smp_153430.1;Name=6b15fb9f-1329-461f-b01f-
c24862b79b78
SM_V9_5 iris    exon    11410027        11410101        .       +
        .       Parent=Smp_153430.1;Name=19929587-886e-4ea4-
b80b-525dbbd8d847
SM_V9_5 iris    exon    11410762        11410828        .       +
        .
Parent=Smp_153430.1;Name=a8d3331c-5474-4ec2-99a8-9e1ee3123dc0
SM_V9_5 iris    exon    11412782        11413034        .       +
        .       Parent=Smp_153430.1;Name=21e59157-609f-488f-
b007-8a23df4e65a8
SM_V9_5 iris    CDS     11390056        11390062        .       +
        0       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11390103        11390211        .       +
        2       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11390281        11390420        .       +
        1       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11392149        11392225        .       +
        2       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11395352        11395543        .       +
        0       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11397798        11397904        .       +
        0       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11401947        11402051        .       +
        1       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11402496        11402556        .       +
        1       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11403914        11403990        .       +
        0       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11407013        11407203        .       +
        1       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11407784        11408039        .       +
        2       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11408638        11408814        .       +
        1       Parent=Smp_153430.1
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SM_V9_5 iris    CDS     11410027        11410101        .       +
        1       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11410762        11410828        .       +
        1       Parent=Smp_153430.1
SM_V9_5 iris    CDS     11412782        11412868        .       +
        0       Parent=Smp_153430.1
SM_V9_5 iris    gene    11416455        11524467        .       -
        .
ID=Smp_153440;geneID=Smp_153440;gene_name=Smp_153440;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    11416455        11524467        .       -
        .
ID=Smp_153440.1;Parent=Smp_153440;geneID=Smp_153440;gene_name=Smp_15
3440;owner=irisadmin@local.host;orig_id=Smp_153440.1;date_last_modif
ied=2022-08-18;Name=Smp_153440.1;product=Neuropilin and tolloid-like
protein 2;date_creation=2022-08-18
SM_V9_5 iris    exon    11416455        11417628        .       -
        .       Parent=Smp_153440.1;Name=071bc2cb-7a99-435a-99c0-
b135b257eaf5
SM_V9_5 iris    exon    11419013        11420368        .       -
        .       Parent=Smp_153440.1;Name=e5728f4f-d2dd-49e6-
a1ad-4472f6dc23c7
SM_V9_5 iris    exon    11423838        11424719        .       -
        .       Parent=Smp_153440.1;Name=1b4c3a5d-5e73-42f7-bda0-
c0a5bbe1d7c4
SM_V9_5 iris    exon    11425921        11426109        .       -
        .
Parent=Smp_153440.1;Name=081b31b0-9f6e-450b-8271-48eef76b4848
SM_V9_5 iris    exon    11430328        11430453        .       -
        .       Parent=Smp_153440.1;Name=8aacad72-4467-4cc7-841b-
b010402e74e6
SM_V9_5 iris    exon    11431607        11432116        .       -
        .       Parent=Smp_153440.1;Name=8e51edb6-28d4-4917-
b2a8-90e1563f3de5
SM_V9_5 iris    exon    11439927        11440079        .       -
        .       Parent=Smp_153440.1;Name=9db833e8-786b-409e-aa51-
ef03bde3f86e
SM_V9_5 iris    exon    11453720        11453749        .       -
        .       Parent=Smp_153440.1;Name=35461846-b263-427c-b7b2-
fe70c1408c8a
SM_V9_5 iris    exon    11455041        11455304        .       -
        .
Parent=Smp_153440.1;Name=4df68623-6f86-4f81-9ce3-60f0fa77b5eb
SM_V9_5 iris    exon    11461929        11462913        .       -
        .       Parent=Smp_153440.1;Name=fc0fd9bd-ca95-456f-
a84f-8ab46081edff
SM_V9_5 iris    exon    11523751        11524467        .       -
        .       Parent=Smp_153440.1;Name=2949f9bd-b287-4dd9-9007-
d8029ab6d203
SM_V9_5 iris    CDS     11417291        11417628        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11419013        11420368        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11423838        11424719        .       -
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        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11425921        11426109        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11430328        11430453        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11431607        11432116        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11439927        11440079        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11453720        11453749        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11455041        11455304        .       -
        2       Parent=Smp_153440.1
SM_V9_5 iris    CDS     11461929        11462523        .       -
        0       Parent=Smp_153440.1
SM_V9_5 iris    gene    11574229        11588124        .       -
        .
ID=Smp_058130;geneID=Smp_058130;gene_name=Smp_058130;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    11574229        11588124        .       -
        .
ID=Smp_058130.1;Parent=Smp_058130;geneID=Smp_058130;gene_name=Smp_05
8130;owner=irisadmin@local.host;orig_id=Smp_058130.1;date_last_modif
ied=2022-07-17;Name=Smp_058130.1;product=Mitochondrial thiamine
pyrophosphate carrier;date_creation=2022-07-17
SM_V9_5 iris    exon    11574229        11574751        .       -
        .       Parent=Smp_058130.1;Name=2eabdbd3-351a-44ad-
a5b0-49ba1b29d001
SM_V9_5 iris    exon    11576272        11576488        .       -
        .       Parent=Smp_058130.1;Name=8b58a1ec-6bc8-4e63-
aee0-8bdcf7350e8a
SM_V9_5 iris    exon    11577947        11578120        .       -
        .       Parent=Smp_058130.1;Name=3f06e49e-b585-4ea7-
b7a3-6014f26b9a50
SM_V9_5 iris    exon    11587234        11587386        .       -
        .
Parent=Smp_058130.1;Name=0c5ef759-6cc9-4176-9585-5b2601f33fca
SM_V9_5 iris    exon    11587434        11588124        .       -
        .
Parent=Smp_058130.1;Name=f2374642-8795-4002-9c60-3f74657373ff
SM_V9_5 iris    CDS     11574348        11574751        .       -
        2       Parent=Smp_058130.1
SM_V9_5 iris    CDS     11576272        11576488        .       -
        0       Parent=Smp_058130.1
SM_V9_5 iris    CDS     11577947        11578120        .       -
        0       Parent=Smp_058130.1
SM_V9_5 iris    CDS     11587234        11587386        .       -
        0       Parent=Smp_058130.1
SM_V9_5 iris    CDS     11587434        11587532        .       -
        0       Parent=Smp_058130.1
SM_V9_5 Liftoff gene    11599898        11615923        .       +
        .       ID=Smp_058140;geneID=Smp_058140
SM_V9_5 Liftoff mRNA    11599898        11613563        .       +
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ID=Smp_058140.1;Parent=Smp_058140;geneID=Smp_058140;product=Protein-
L-isoaspartate(D-aspartate) O-
methyltransferase;polypeptide_domain=InterPro:IPR000682,IPR029063
Pfam:PF01135;Ontology_term=GO:0004719,GO:0006464
SM_V9_5 Liftoff exon    11599898        11600144        .       +
        .       Parent=Smp_058140.1
SM_V9_5 Liftoff exon    11600178        11600314        .       +
        .       Parent=Smp_058140.1
SM_V9_5 Liftoff exon    11606142        11606246        .       +
        .       Parent=Smp_058140.1
SM_V9_5 Liftoff exon    11609207        11609437        .       +
        .       Parent=Smp_058140.1
SM_V9_5 Liftoff exon    11610064        11610236        .       +
        .       Parent=Smp_058140.1
SM_V9_5 Liftoff exon    11612765        11613563        .       +
        .       Parent=Smp_058140.1
SM_V9_5 Liftoff CDS     11600090        11600144        .       +
        0       Parent=Smp_058140.1
SM_V9_5 Liftoff CDS     11600178        11600314        .       +
        2       Parent=Smp_058140.1
SM_V9_5 Liftoff CDS     11606142        11606246        .       +
        0       Parent=Smp_058140.1
SM_V9_5 Liftoff CDS     11609207        11609437        .       +
        0       Parent=Smp_058140.1
SM_V9_5 Liftoff CDS     11610064        11610236        .       +
        0       Parent=Smp_058140.1
SM_V9_5 Liftoff CDS     11612765        11612891        .       +
        1       Parent=Smp_058140.1
SM_V9_5 Liftoff mRNA    11599898        11613563        .       +
        .
ID=Smp_058140.3;Parent=Smp_058140;geneID=Smp_058140;product=Protein-
L-isoaspartate(D-aspartate) O-
methyltransferase;polypeptide_domain=InterPro:IPR000682,IPR029063
Pfam:PF01135;Ontology_term=GO:0004719,GO:0006464
SM_V9_5 Liftoff exon    11599898        11600144        .       +
        .       Parent=Smp_058140.3
SM_V9_5 Liftoff exon    11600178        11600314        .       +
        .       Parent=Smp_058140.3
SM_V9_5 Liftoff exon    11606142        11606246        .       +
        .       Parent=Smp_058140.3
SM_V9_5 Liftoff exon    11609207        11609437        .       +
        .       Parent=Smp_058140.3
SM_V9_5 Liftoff exon    11610064        11610236        .       +
        .       Parent=Smp_058140.3
SM_V9_5 Liftoff exon    11612698        11613563        .       +
        .       Parent=Smp_058140.3
SM_V9_5 Liftoff CDS     11600090        11600144        .       +
        0       Parent=Smp_058140.3
SM_V9_5 Liftoff CDS     11600178        11600314        .       +
        2       Parent=Smp_058140.3
SM_V9_5 Liftoff CDS     11606142        11606246        .       +
        0       Parent=Smp_058140.3
SM_V9_5 Liftoff CDS     11609207        11609437        .       +
        0       Parent=Smp_058140.3
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SM_V9_5 Liftoff CDS     11610064        11610236        .       +
        0       Parent=Smp_058140.3
SM_V9_5 Liftoff CDS     11612698        11612710        .       +
        1       Parent=Smp_058140.3
SM_V9_5 Liftoff mRNA    11599898        11615923        .       +
        .
ID=Smp_058140.2;Parent=Smp_058140;geneID=Smp_058140;product=Protein-
L-isoaspartate(D-aspartate) O-
methyltransferase;polypeptide_domain=InterPro:IPR000682,IPR029063
Pfam:PF01135;Ontology_term=GO:0004719,GO:0006464
SM_V9_5 Liftoff exon    11599898        11600144        .       +
        .       Parent=Smp_058140.2
SM_V9_5 Liftoff exon    11600178        11600314        .       +
        .       Parent=Smp_058140.2
SM_V9_5 Liftoff exon    11606142        11606246        .       +
        .       Parent=Smp_058140.2
SM_V9_5 Liftoff exon    11609207        11609437        .       +
        .       Parent=Smp_058140.2
SM_V9_5 Liftoff exon    11610064        11610236        .       +
        .       Parent=Smp_058140.2
SM_V9_5 Liftoff exon    11615477        11615923        .       +
        .       Parent=Smp_058140.2
SM_V9_5 Liftoff CDS     11600090        11600144        .       +
        0       Parent=Smp_058140.2
SM_V9_5 Liftoff CDS     11600178        11600314        .       +
        2       Parent=Smp_058140.2
SM_V9_5 Liftoff CDS     11606142        11606246        .       +
        0       Parent=Smp_058140.2
SM_V9_5 Liftoff CDS     11609207        11609437        .       +
        0       Parent=Smp_058140.2
SM_V9_5 Liftoff CDS     11610064        11610236        .       +
        0       Parent=Smp_058140.2
SM_V9_5 Liftoff CDS     11615477        11615498        .       +
        1       Parent=Smp_058140.2
SM_V9_5 iris    gene    11618677        11622794        .       -
        .
ID=Smp_058150;geneID=Smp_058150;gene_name=Smp_058150;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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SM_V9_5 Liftoff CDS     11705296        11705478        .       -
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        .       ID=Smp_168590;geneID=Smp_168590
SM_V9_5 Liftoff mRNA    11755776        11792865        .       -
        .
ID=Smp_168590.1;Parent=Smp_168590;geneID=Smp_168590;product=Galectin
-3-binding protein
A;polypeptide_domain=InterPro:IPR001190,IPR001507,IPR017448
Pfam:PF00100,PF00530;Ontology_term=GO:0005044,GO:0016020
SM_V9_5 Liftoff exon    11755776        11759136        .       -
        .       Parent=Smp_168590.1
SM_V9_5 Liftoff exon    11763553        11763723        .       -
        .       Parent=Smp_168590.1
SM_V9_5 Liftoff exon    11767649        11767872        .       -
        .       Parent=Smp_168590.1
SM_V9_5 Liftoff exon    11779219        11779421        .       -
        .       Parent=Smp_168590.1
SM_V9_5 Liftoff exon    11784645        11784856        .       -
        .       Parent=Smp_168590.1
SM_V9_5 Liftoff exon    11790488        11790650        .       -
        .       Parent=Smp_168590.1
SM_V9_5 Liftoff exon    11792272        11792865        .       -
        .       Parent=Smp_168590.1
SM_V9_5 Liftoff CDS     11758782        11759136        .       -
        1       Parent=Smp_168590.1
SM_V9_5 Liftoff CDS     11763553        11763723        .       -
        1       Parent=Smp_168590.1
SM_V9_5 Liftoff CDS     11767649        11767872        .       -
        0       Parent=Smp_168590.1
SM_V9_5 Liftoff CDS     11779219        11779421        .       -
        2       Parent=Smp_168590.1
SM_V9_5 Liftoff CDS     11784645        11784856        .       -
        1       Parent=Smp_168590.1
SM_V9_5 Liftoff CDS     11790488        11790650        .       -
        2       Parent=Smp_168590.1
SM_V9_5 Liftoff CDS     11792272        11792641        .       -
        0       Parent=Smp_168590.1
SM_V9_5 iris    gene    11798718        11812251        .       +
        .
ID=Smp_085500;geneID=Smp_085500;gene_name=Smp_085500;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    11798718        11812251        .       +
        .
ID=Smp_085500.1;Parent=Smp_085500;geneID=Smp_085500;gene_name=Smp_08
5500;owner=irisadmin@local.host;orig_id=Smp_085500.1;date_last_modif
ied=2022-07-17;Name=Smp_085500.1;product=Elongator complex protein
3;date_creation=2022-07-17
SM_V9_5 iris    exon    11798718        11798770        .       +
        .       Parent=Smp_085500.1;Name=46c22835-5e83-491e-a2e3-
fea0db80661f
SM_V9_5 iris    exon    11800358        11800439        .       +
        .       Parent=Smp_085500.1;Name=db825d1a-5eef-4cf7-
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ac65-2e786c5e530e
SM_V9_5 iris    exon    11800476        11800578        .       +
        .       Parent=Smp_085500.1;Name=21bc70e1-
ced9-401a-8a97-421a80ec16f4
SM_V9_5 iris    exon    11800631        11800721        .       +
        .       Parent=Smp_085500.1;Name=1369b2db-
cc3d-41f4-97da-6a5dfee5e832
SM_V9_5 iris    exon    11800771        11800818        .       +
        .       Parent=Smp_085500.1;Name=86c69dee-4726-4f9d-9f8b-
d213a8e39ebc
SM_V9_5 iris    exon    11800860        11800930        .       +
        .       Parent=Smp_085500.1;Name=fa7b0584-4bb3-42cf-
afcf-5e0e692ec44d
SM_V9_5 iris    exon    11800981        11801044        .       +
        .       Parent=Smp_085500.1;Name=1f0d9def-79e7-4be6-
b75a-95394918f0a2
SM_V9_5 iris    exon    11801094        11801162        .       +
        .       Parent=Smp_085500.1;Name=23da8c3c-88ed-4323-8e99-
e1b60749014c
SM_V9_5 iris    exon    11801208        11801362        .       +
        .       Parent=Smp_085500.1;Name=d8c84cb4-0def-4197-
b3a4-17218870c1e5
SM_V9_5 iris    exon    11801782        11801862        .       +
        .       Parent=Smp_085500.1;Name=f35c8347-0fe9-4e6a-9029-
c4523e5e07f9
SM_V9_5 iris    exon    11801912        11801992        .       +
        .       Parent=Smp_085500.1;Name=6e9709d2-47d2-460a-8df9-
b51a9efc9b97
SM_V9_5 iris    exon    11803342        11803662        .       +
        .       Parent=Smp_085500.1;Name=8c34437f-
cdc1-4875-9713-5189a6f37910
SM_V9_5 iris    exon    11807528        11807684        .       +
        .       Parent=Smp_085500.1;Name=7c18e2b5-bbc7-4520-958f-
ee163b785818
SM_V9_5 iris    exon    11809760        11810035        .       +
        .
Parent=Smp_085500.1;Name=b0f7e90e-4f36-4da0-894a-5508e21f8064
SM_V9_5 iris    exon    11811767        11812251        .       +
        .       Parent=Smp_085500.1;Name=f9dee671-1369-4008-8876-
b3426843ce7f
SM_V9_5 iris    CDS     11800421        11800439        .       +
        0       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11800476        11800578        .       +
        2       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11800631        11800721        .       +
        1       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11800771        11800818        .       +
        0       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11800860        11800930        .       +
        0       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11800981        11801044        .       +
        1       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11801094        11801162        .       +
        0       Parent=Smp_085500.1
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SM_V9_5 iris    CDS     11801208        11801362        .       +
        0       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11801782        11801862        .       +
        1       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11801912        11801992        .       +
        1       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11803342        11803662        .       +
        1       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11807528        11807684        .       +
        1       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11809760        11810035        .       +
        0       Parent=Smp_085500.1
SM_V9_5 iris    CDS     11811767        11811922        .       +
        0       Parent=Smp_085500.1
SM_V9_5 Liftoff gene    11836526        11844169        .       +
        .       ID=Smp_085490;geneID=Smp_085490
SM_V9_5 Liftoff mRNA    11836526        11844169        .       +
        .
ID=Smp_085490.1;Parent=Smp_085490;geneID=Smp_085490;product=Extracel
lular metalloproteinase 10
SM_V9_5 Liftoff exon    11836526        11837230        .       +
        .       Parent=Smp_085490.1
SM_V9_5 Liftoff exon    11840632        11841078        .       +
        .       Parent=Smp_085490.1
SM_V9_5 Liftoff exon    11843599        11844169        .       +
        .       Parent=Smp_085490.1
SM_V9_5 Liftoff CDS     11836907        11837230        .       +
        0       Parent=Smp_085490.1
SM_V9_5 Liftoff CDS     11840632        11841078        .       +
        0       Parent=Smp_085490.1
SM_V9_5 Liftoff CDS     11843599        11843949        .       +
        0       Parent=Smp_085490.1
SM_V9_5 Liftoff gene    11846880        11850382        .       -
        .       ID=Smp_085480;geneID=Smp_085480
SM_V9_5 Liftoff mRNA    11846880        11850382        .       -
        .
ID=Smp_085480.1;Parent=Smp_085480;geneID=Smp_085480;product=Histone
deacetylase complex subunit
SAP18;polypeptide_domain=InterPro:IPR010516 Pfam:PF06487
SM_V9_5 Liftoff exon    11846880        11847349        .       -
        .       Parent=Smp_085480.1
SM_V9_5 Liftoff exon    11848621        11848807        .       -
        .       Parent=Smp_085480.1
SM_V9_5 Liftoff exon    11849822        11850382        .       -
        .       Parent=Smp_085480.1
SM_V9_5 Liftoff CDS     11846990        11847349        .       -
        0       Parent=Smp_085480.1
SM_V9_5 Liftoff CDS     11848621        11848807        .       -
        1       Parent=Smp_085480.1
SM_V9_5 Liftoff CDS     11849822        11849967        .       -
        0       Parent=Smp_085480.1
SM_V9_5 Liftoff gene    11867557        11896962        .       -
        .
ID=Smp_345830;geneID=Smp_345830;previous_systematic_id=Smp_168580
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SM_V9_5 Liftoff mRNA    11867557        11896962        .       -
        .
ID=Smp_345830.1;Parent=Smp_345830;geneID=Smp_345830;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001878
Pfam:PF00098;Ontology_term=GO:0003676,GO:0008270
SM_V9_5 Liftoff exon    11867557        11869375        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff exon    11871528        11872384        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff exon    11873268        11874579        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff exon    11879549        11880352        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff exon    11882923        11883631        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff exon    11887616        11887710        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff exon    11890530        11890599        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff exon    11893766        11896962        .       -
        .       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11869341        11869375        .       -
        2       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11871528        11872384        .       -
        1       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11873268        11874579        .       -
        2       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11879549        11880352        .       -
        2       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11882923        11883631        .       -
        0       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11887616        11887710        .       -
        2       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11890530        11890599        .       -
        0       Parent=Smp_345830.1
SM_V9_5 Liftoff CDS     11893766        11894707        .       -
        0       Parent=Smp_345830.1
SM_V9_5 iris    gene    11914916        11993641        .       +
        .
ID=Smp_334510;geneID=Smp_334510;gene_name=Smp_334510;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    11914916        11993641        .       +
        .
ID=Smp_334510.1;Parent=Smp_334510;geneID=Smp_334510;gene_name=Smp_33
4510;owner=irisadmin@local.host;orig_id=Smp_334510.1;date_last_modif
ied=2022-07-17;Name=Smp_334510.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    11914916        11914984        .       +
        .       Parent=Smp_334510.1;Name=e70bd59b-ea4f-487e-8eda-
cf7bdb4bb220
SM_V9_5 iris    exon    11917580        11917781        .       +
        .       Parent=Smp_334510.1;Name=787c4edf-44a6-48bf-9a3b-
eb437c166471
SM_V9_5 iris    exon    11922831        11922903        .       +
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        .       Parent=Smp_334510.1;Name=1acbb070-
b7a5-43d0-9d50-13d722bacab9
SM_V9_5 iris    exon    11925369        11925495        .       +
        .
Parent=Smp_334510.1;Name=030beeac-7e88-4f92-8d13-49f3d192ecb7
SM_V9_5 iris    exon    11933912        11933996        .       +
        .
Parent=Smp_334510.1;Name=3235b9d0-6520-4ac7-8865-24b8d6f04509
SM_V9_5 iris    exon    11936239        11936399        .       +
        .       Parent=Smp_334510.1;Name=de97b261-4d45-4f65-
b439-90643e9df45b
SM_V9_5 iris    exon    11940062        11940189        .       +
        .       Parent=Smp_334510.1;Name=7c97052e-d252-4981-
bf8e-255054de5d55
SM_V9_5 iris    exon    11941294        11941384        .       +
        .       Parent=Smp_334510.1;Name=19722f57-2a74-48a7-
b73d-9188073dd046
SM_V9_5 iris    exon    11942578        11943170        .       +
        .
Parent=Smp_334510.1;Name=6efeef6e-0ecf-4fe9-8f10-7453eeac9050
SM_V9_5 iris    exon    11944441        11944927        .       +
        .       Parent=Smp_334510.1;Name=85f238af-ebb2-41de-b40d-
f4c7d564d6e8
SM_V9_5 iris    exon    11945344        11945486        .       +
        .       Parent=Smp_334510.1;Name=6ce9d33f-
ae1d-4c13-8713-6a560a7c6311
SM_V9_5 iris    exon    11956765        11956899        .       +
        .       Parent=Smp_334510.1;Name=77c4d5a2-
acf6-4f8d-8ec1-4ef62c64988f
SM_V9_5 iris    exon    11960146        11960279        .       +
        .       Parent=Smp_334510.1;Name=008e179c-
f395-4b18-9545-15117c55c638
SM_V9_5 iris    exon    11961831        11961892        .       +
        .       Parent=Smp_334510.1;Name=ac387520-eea3-4a36-a8fe-
aece72677c71
SM_V9_5 iris    exon    11962885        11963957        .       +
        .
Parent=Smp_334510.1;Name=335073ff-94b3-4be7-8bf2-8402c24326df
SM_V9_5 iris    exon    11966156        11966450        .       +
        .       Parent=Smp_334510.1;Name=7f0b52f9-9c5e-4ecb-
adf1-12ca8f2f8b7b
SM_V9_5 iris    exon    11968684        11969161        .       +
        .       Parent=Smp_334510.1;Name=913369d2-6529-451b-a5ae-
e141629a8e8f
SM_V9_5 iris    exon    11970774        11971156        .       +
        .       Parent=Smp_334510.1;Name=b288bcb3-cac6-443d-
a9d1-8ca463347f97
SM_V9_5 iris    exon    11975756        11975950        .       +
        .
Parent=Smp_334510.1;Name=d46ce365-37a4-4bae-8dfa-1f7d65395f73
SM_V9_5 iris    exon    11980906        11981194        .       +
        .       Parent=Smp_334510.1;Name=dd92fc7f-4c81-449b-a605-
cbaeaf67fcbd
SM_V9_5 iris    exon    11983710        11983744        .       +
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        .       Parent=Smp_334510.1;Name=66222cb5-96e4-4ecf-
a3c8-3aeacbd855f6
SM_V9_5 iris    exon    11985829        11986097        .       +
        .       Parent=Smp_334510.1;Name=db4c43f8-6397-4ded-8a21-
e875223de1a9
SM_V9_5 iris    exon    11987161        11988017        .       +
        .       Parent=Smp_334510.1;Name=5076b567-c8af-4707-8a8c-
ac75a56a1691
SM_V9_5 iris    exon    11989822        11989925        .       +
        .       Parent=Smp_334510.1;Name=51dd0145-d69c-4a4d-a73e-
eb00d0d45312
SM_V9_5 iris    exon    11991927        11993641        .       +
        .
Parent=Smp_334510.1;Name=e7c15a66-25c1-4315-93ea-457644930c85
SM_V9_5 iris    CDS     11922839        11922903        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11925369        11925495        .       +
        1       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11933912        11933996        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11936239        11936399        .       +
        2       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11940062        11940189        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11941294        11941384        .       +
        1       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11942578        11943170        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11944441        11944927        .       +
        1       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11945344        11945486        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11956765        11956899        .       +
        1       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11960146        11960279        .       +
        1       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11961831        11961892        .       +
        2       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11962885        11963957        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11966156        11966450        .       +
        1       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11968684        11969161        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11970774        11971156        .       +
        2       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11975756        11975950        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11980906        11981194        .       +
        0       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11983710        11983744        .       +
        2       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11985829        11986097        .       +
        0       Parent=Smp_334510.1
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SM_V9_5 iris    CDS     11987161        11988017        .       +
        1       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11989822        11989925        .       +
        2       Parent=Smp_334510.1
SM_V9_5 iris    CDS     11991927        11992160        .       +
        0       Parent=Smp_334510.1
SM_V9_5 Liftoff gene    11997577        11999092        .       -
        .       ID=Smp_330450;geneID=Smp_330450
SM_V9_5 Liftoff mRNA    11997577        11999092        .       -
        .
ID=Smp_330450.1;Parent=Smp_330450;geneID=Smp_330450;product=Glycogen
phosphorylase
SM_V9_5 Liftoff exon    11997577        11999092        .       -
        .       Parent=Smp_330450.1
SM_V9_5 Liftoff CDS     11998141        11998335        .       -
        0       Parent=Smp_330450.1
SM_V9_5 Liftoff gene    12020886        12039306        .       +
        .
ID=Smp_345470;geneID=Smp_345470;previous_systematic_id=Smp_164320
SM_V9_5 Liftoff mRNA    12020886        12039306        .       +
        .
ID=Smp_345470.1;Parent=Smp_345470;geneID=Smp_345470;product=Proline-
rich protein 5
SM_V9_5 Liftoff exon    12020886        12021078        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12025377        12025666        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12029570        12029644        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12031012        12031063        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12032492        12032549        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12033371        12033456        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12035180        12035255        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12037293        12037357        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff exon    12039156        12039306        .       +
        .       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12021037        12021078        .       +
        0       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12025377        12025666        .       +
        0       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12029570        12029644        .       +
        1       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12031012        12031063        .       +
        1       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12032492        12032549        .       +
        0       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12033371        12033456        .       +
        2       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12035180        12035255        .       +
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        0       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12037293        12037357        .       +
        2       Parent=Smp_345470.1
SM_V9_5 Liftoff CDS     12039156        12039257        .       +
        0       Parent=Smp_345470.1
SM_V9_5 Liftoff gene    12043067        12066182        .       -
        .
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SM_V9_5 Liftoff exon    12045874        12045943        .       -
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SM_V9_5 Liftoff exon    12048950        12049035        .       -
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SM_V9_5 Liftoff exon    12052354        12052554        .       -
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SM_V9_5 Liftoff exon    12054827        12054892        .       -
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SM_V9_5 Liftoff exon    12057812        12057897        .       -
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SM_V9_5 Liftoff exon    12059538        12059640        .       -
        .       Parent=Smp_345480.1
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        .       Parent=Smp_345480.1
SM_V9_5 Liftoff exon    12062113        12062519        .       -
        .       Parent=Smp_345480.1
SM_V9_5 Liftoff exon    12064431        12066182        .       -
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SM_V9_5 Liftoff CDS     12045874        12045943        .       -
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SM_V9_5 Liftoff CDS     12059538        12059640        .       -
        0       Parent=Smp_345480.1
SM_V9_5 Liftoff CDS     12061586        12061794        .       -
        2       Parent=Smp_345480.1
SM_V9_5 Liftoff CDS     12062113        12062519        .       -
        1       Parent=Smp_345480.1
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SM_V9_5 Liftoff exon    12052354        12052554        .       -
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SM_V9_5 Liftoff exon    12054827        12054892        .       -
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SM_V9_5 Liftoff exon    12057812        12057897        .       -
        .       Parent=Smp_345480.2
SM_V9_5 Liftoff exon    12059538        12059640        .       -
        .       Parent=Smp_345480.2
SM_V9_5 Liftoff exon    12061586        12061794        .       -
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SM_V9_5 Liftoff exon    12062113        12062519        .       -
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SM_V9_5 Liftoff CDS     12054827        12054892        .       -
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SM_V9_5 Liftoff CDS     12057812        12057897        .       -
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SM_V9_5 Liftoff CDS     12059538        12059640        .       -
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SM_V9_5 Liftoff CDS     12062113        12062519        .       -
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SM_V9_5 Liftoff CDS     12064431        12064486        .       -
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SM_V9_5 Liftoff mRNA    12068126        12166847        .       -
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SM_V9_5 Liftoff exon    12073064        12073501        .       -
        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12074992        12075112        .       -
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SM_V9_5 Liftoff exon    12077201        12077306        .       -
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        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12083673        12084056        .       -
        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12085226        12085441        .       -
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SM_V9_5 Liftoff exon    12086278        12086545        .       -
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SM_V9_5 Liftoff exon    12088774        12089181        .       -
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SM_V9_5 Liftoff exon    12090742        12090958        .       -
        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12093232        12093886        .       -
        .       Parent=Smp_345490.1
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        .       Parent=Smp_345490.1
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SM_V9_5 Liftoff exon    12103564        12104049        .       -
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SM_V9_5 Liftoff exon    12106260        12106550        .       -
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        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12110980        12111351        .       -
        .       Parent=Smp_345490.1
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        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12117953        12118396        .       -
        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12125372        12125974        .       -
        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12127860        12128307        .       -
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SM_V9_5 Liftoff exon    12130190        12130427        .       -
        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12131456        12131798        .       -
        .       Parent=Smp_345490.1
SM_V9_5 Liftoff exon    12140500        12140618        .       -
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SM_V9_5 Liftoff exon    12142736        12142931        .       -
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SM_V9_5 Liftoff exon    12166338        12166847        .       -
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SM_V9_5 Liftoff CDS     12073064        12073501        .       -
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SM_V9_5 Liftoff CDS     12074992        12075112        .       -
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SM_V9_5 Liftoff CDS     12077201        12077306        .       -
        1       Parent=Smp_345490.1
SM_V9_5 Liftoff CDS     12078914        12079020        .       -
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SM_V9_5 Liftoff CDS     12093232        12093886        .       -
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SM_V9_5 Liftoff CDS     12110980        12111351        .       -
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SM_V9_5 Liftoff CDS     12117953        12118396        .       -
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SM_V9_5 Liftoff CDS     12125372        12125974        .       -
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SM_V9_5 Liftoff CDS     12127860        12128307        .       -
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SM_V9_5 Liftoff CDS     12130190        12130427        .       -
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SM_V9_5 Liftoff CDS     12131456        12131798        .       -
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SM_V9_5 Liftoff CDS     12140500        12140618        .       -
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SM_V9_5 Liftoff CDS     12142736        12142931        .       -
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Pfam:PF00595,PF00788,PF01843;Ontology_term=GO:0005515,GO:0007165
SM_V9_5 Liftoff exon    12068126        12069471        .       -
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SM_V9_5 Liftoff exon    12071744        12071838        .       -
        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12073064        12073501        .       -
        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12074992        12075112        .       -
        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12077201        12077306        .       -
        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12078914        12079020        .       -
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SM_V9_5 Liftoff exon    12083673        12084056        .       -
        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12085226        12085441        .       -
        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12086278        12086545        .       -
        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12090742        12090958        .       -
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        .       Parent=Smp_345490.2
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        .       Parent=Smp_345490.2
SM_V9_5 Liftoff exon    12125372        12125974        .       -
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SM_V9_5 Liftoff exon    12131456        12131798        .       -
        .       Parent=Smp_345490.2
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SM_V9_5 Liftoff exon    12142736        12142931        .       -
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SM_V9_5 Liftoff CDS     12083673        12084056        .       -
        0       Parent=Smp_345490.2
SM_V9_5 Liftoff CDS     12085226        12085441        .       -
        0       Parent=Smp_345490.2
SM_V9_5 Liftoff CDS     12086278        12086545        .       -
        1       Parent=Smp_345490.2
SM_V9_5 Liftoff CDS     12090742        12090958        .       -
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SM_V9_5 Liftoff CDS     12093232        12093886        .       -
        0       Parent=Smp_345490.2
SM_V9_5 Liftoff CDS     12098144        12098536        .       -
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SM_V9_5 Liftoff CDS     12100492        12100869        .       -
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SM_V9_5 Liftoff CDS     12103564        12104049        .       -
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SM_V9_5 Liftoff CDS     12106260        12106550        .       -
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SM_V9_5 Liftoff CDS     12110980        12111351        .       -
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SM_V9_5 Liftoff CDS     12117953        12118396        .       -
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SM_V9_5 Liftoff CDS     12125372        12125974        .       -
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SM_V9_5 Liftoff CDS     12127860        12128307        .       -
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SM_V9_5 Liftoff CDS     12131456        12131798        .       -
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SM_V9_5 Liftoff CDS     12166338        12166436        .       -
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SM_V9_5 Liftoff exon    12185526        12185710        .       -
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SM_V9_5 Liftoff exon    12186602        12186739        .       -
        .       Parent=Smp_078200.1
SM_V9_5 Liftoff exon    12188361        12188582        .       -
        .       Parent=Smp_078200.1
SM_V9_5 Liftoff exon    12190383        12190514        .       -
        .       Parent=Smp_078200.1
SM_V9_5 Liftoff exon    12194372        12194470        .       -
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SM_V9_5 Liftoff exon    12196374        12197002        .       -
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SM_V9_5 Liftoff CDS     12185567        12185710        .       -
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SM_V9_5 Liftoff CDS     12186602        12186739        .       -
        0       Parent=Smp_078200.1
SM_V9_5 Liftoff CDS     12188361        12188582        .       -
        0       Parent=Smp_078200.1
SM_V9_5 Liftoff CDS     12190383        12190514        .       -
        0       Parent=Smp_078200.1
SM_V9_5 Liftoff CDS     12194372        12194470        .       -
        0       Parent=Smp_078200.1
SM_V9_5 Liftoff CDS     12196374        12196814        .       -
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protein At4g22390
SM_V9_5 Liftoff exon    12301262        12301340        .       -
        .       Parent=Smp_182890.1
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        .       Parent=Smp_182890.1
SM_V9_5 Liftoff CDS     12301291        12301340        .       -
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SM_V9_5 Liftoff CDS     12301516        12301573        .       -
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SM_V9_5 iris    gene    12352415        12440393        .       +
        .
ID=Smp_145700;geneID=Smp_145700;gene_name=Smp_145700;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    12352415        12440393        .       +
        .
ID=Smp_145700.1;Parent=Smp_145700;geneID=Smp_145700;gene_name=Smp_14
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ied=2022-07-17;Name=Smp_145700.1;product=Ankyrin-3;date_creation=202
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2-07-17
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SM_V9_5 iris    exon    12354837        12354941        .       +
        .       Parent=Smp_145700.1;Name=d3aac8cc-e430-4186-8e43-
c1bdf6801ef6
SM_V9_5 iris    exon    12357494        12357691        .       +
        .       Parent=Smp_145700.1;Name=81a8754c-fe7d-41b6-
b5a2-756b3d302d47
SM_V9_5 iris    exon    12362859        12363143        .       +
        .       Parent=Smp_145700.1;Name=ebe1c3ba-a5d4-443e-b2c5-
c3775293113c
SM_V9_5 iris    exon    12365158        12365256        .       +
        .       Parent=Smp_145700.1;Name=6e759439-5349-4ed4-
b678-8d5db5fa4f03
SM_V9_5 iris    exon    12367172        12367369        .       +
        .
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        .       Parent=Smp_145700.1;Name=5f696b04-c8ad-4850-a8ae-
e7bcb0b1c3d1
SM_V9_5 iris    exon    12379195        12379293        .       +
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c49c-4947-9fbd-88717b591374
SM_V9_5 iris    exon    12380213        12380410        .       +
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e7e6713254c6
SM_V9_5 iris    exon    12382752        12382949        .       +
        .
Parent=Smp_145700.1;Name=e18176e5-39cb-49df-9cbe-7e2e0fa56720
SM_V9_5 iris    exon    12384493        12384666        .       +
        .       Parent=Smp_145700.1;Name=49046646-2d68-42f2-
bef2-390c28c33781
SM_V9_5 iris    exon    12387388        12387672        .       +
        .       Parent=Smp_145700.1;Name=b6764221-04d9-4a37-85d6-
e6065f8161e8
SM_V9_5 iris    exon    12390076        12390216        .       +
        .
Parent=Smp_145700.1;Name=8a10fbf0-449d-4b06-81ae-8043221cb417
SM_V9_5 iris    exon    12391213        12391368        .       +
        .       Parent=Smp_145700.1;Name=c457ccbd-71f3-4833-a199-
ee91d02bff6d
SM_V9_5 iris    exon    12395782        12396055        .       +
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SM_V9_5 iris    exon    12396961        12397194        .       +
        .       Parent=Smp_145700.1;Name=6e8b8403-2345-47f6-950c-
cafc8e25fee2
SM_V9_5 iris    exon    12398564        12398649        .       +
        .       Parent=Smp_145700.1;Name=fa4d7575-1b0c-4631-88d4-
ed66a1373886
SM_V9_5 iris    exon    12400990        12401138        .       +
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SM_V9_5 iris    exon    12411109        12411294        .       +
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ba0e-4b8687fc8627
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a864-067f34d9f4cb
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bf9a-0441ba028eef
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        .
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Parent=Smp_145700.1;Name=bb1cda7d-446b-4429-99f9-5eae876e1634
SM_V9_5 iris    exon    12428552        12428902        .       +
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bdb6-3190c4401dea
SM_V9_5 iris    exon    12431807        12431910        .       +
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        .       Parent=Smp_145700.1;Name=9fe52b4c-caf1-410a-
a336-70902703a982
SM_V9_5 iris    exon    12436239        12436496        .       +
        .       Parent=Smp_145700.1;Name=f511319f-1d1c-4bd8-908b-
d51974fa4f5c
SM_V9_5 iris    exon    12438147        12440393        .       +
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SM_V9_5 iris    CDS     12357494        12357691        .       +
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SM_V9_5 iris    CDS     12362859        12363143        .       +
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SM_V9_5 iris    CDS     12365158        12365256        .       +
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SM_V9_5 iris    CDS     12370313        12370510        .       +
        0       Parent=Smp_145700.1
SM_V9_5 iris    CDS     12379195        12379293        .       +
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SM_V9_5 iris    CDS     12380213        12380410        .       +
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SM_V9_5 iris    CDS     12384493        12384666        .       +
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SM_V9_5 iris    CDS     12387388        12387672        .       +
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SM_V9_5 iris    CDS     12390076        12390216        .       +
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        0       Parent=Smp_145700.1
SM_V9_5 iris    CDS     12396961        12397194        .       +
        2       Parent=Smp_145700.1
SM_V9_5 iris    CDS     12398564        12398649        .       +
        2       Parent=Smp_145700.1
SM_V9_5 iris    CDS     12400990        12401138        .       +
        0       Parent=Smp_145700.1
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SM_V9_5 iris    CDS     12412085        12412275        .       +
        1       Parent=Smp_145700.1
SM_V9_5 iris    CDS     12413690        12413904        .       +
        2       Parent=Smp_145700.1
SM_V9_5 iris    CDS     12414715        12415031        .       +
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        1       Parent=Smp_145700.1
SM_V9_5 iris    CDS     12422060        12422308        .       +
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SM_V9_5 iris    CDS     12425083        12425389        .       +
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SM_V9_5 iris    CDS     12428552        12428902        .       +
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SM_V9_5 iris    CDS     12434514        12435186        .       +
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SM_V9_5 iris    CDS     12438147        12438586        .       +
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Pfam:PF00365;Ontology_term=GO:0003872,GO:0005524,GO:0005737,GO:00060
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SM_V9_5 Liftoff exon    12448908        12449218        .       -
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SM_V9_5 Liftoff exon    12451837        12452080        .       -
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SM_V9_5 Liftoff CDS     12444585        12444690        .       -
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SM_V9_5 Liftoff CDS     12446947        12447077        .       -
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SM_V9_5 Liftoff CDS     12448908        12449218        .       -
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SM_V9_5 Liftoff CDS     12490033        12490297        .       -
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SM_V9_5 Liftoff CDS     12493219        12493232        .       -
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Pfam:PF00365;Ontology_term=GO:0003872,GO:0005524,GO:0005737,GO:00060
02,GO:0006096
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SM_V9_5 Liftoff exon    12446947        12447077        .       -
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SM_V9_5 Liftoff exon    12448908        12449218        .       -
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SM_V9_5 Liftoff exon    12451837        12452080        .       -
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SM_V9_5 Liftoff exon    12493219        12493393        .       -
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SM_V9_5 Liftoff CDS     12446947        12447077        .       -
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SM_V9_5 Liftoff CDS     12448908        12449218        .       -
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SM_V9_5 Liftoff CDS     12453036        12453253        .       -
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SM_V9_5 Liftoff CDS     12468467        12468536        .       -
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SM_V9_5 Liftoff CDS     12480591        12480655        .       -
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SM_V9_5 Liftoff CDS     12482199        12482519        .       -
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SM_V9_5 Liftoff CDS     12490033        12490297        .       -
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SM_V9_5 Liftoff CDS     12493219        12493232        .       -
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SM_V9_5 Liftoff exon    12535130        12535702        .       +
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        .       Parent=Smp_145680.1
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SM_V9_5 Liftoff exon    12632511        12632766        .       -
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SM_V9_5 Liftoff CDS     12590163        12590632        .       -
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SM_V9_5 Liftoff CDS     12594004        12594896        .       -
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SM_V9_5 Liftoff CDS     12596539        12596913        .       -
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SM_V9_5 Liftoff CDS     12598449        12599385        .       -
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SM_V9_5 Liftoff CDS     12615348        12615495        .       -
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SM_V9_5 Liftoff CDS     12618132        12618634        .       -
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SM_V9_5 iris    exon    12664638        12664784        .       +
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SM_V9_5 iris    CDS     12671465        12671535        .       +
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SM_V9_5 iris    CDS     12674900        12674956        .       +
        0       Parent=Smp_334530.1
SM_V9_5 iris    gene    12681399        12695989        .       -
        .
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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    12681399        12695989        .       -
        .
ID=Smp_043610.2;Parent=Smp_043610;geneID=Smp_043610;gene_name=Smp_04
3610;owner=irisadmin@local.host;orig_id=Smp_043610.2;date_last_modif
ied=2022-07-17;Name=Smp_043610.2;product=Pre-mRNA-splicing regulator
female-lethal(2)D;date_creation=2022-07-17
SM_V9_5 iris    exon    12681399        12683431        .       -
        .
Parent=Smp_043610.2;Name=b132c049-5850-4640-9c84-51b84c788464
SM_V9_5 iris    exon    12685644        12685798        .       -
        .       Parent=Smp_043610.2;Name=1ef30d18-2a48-4cde-bb63-
ca5aa2472dbe
SM_V9_5 iris    exon    12687128        12687597        .       -
        .       Parent=Smp_043610.2;Name=41a31ee3-a63d-428c-8b8a-
d7ddbecc8871
SM_V9_5 iris    exon    12695579        12695676        .       -
        .       Parent=Smp_043610.2;Name=5c554bc3-13c2-4947-
bcb6-5cc0393f900c
SM_V9_5 iris    exon    12695712        12695989        .       -
        .       Parent=Smp_043610.2;Name=5582bd57-0f9e-42ca-
b410-0bd825c6830d
SM_V9_5 iris    CDS     12682569        12683431        .       -
        2       Parent=Smp_043610.2
SM_V9_5 iris    CDS     12685644        12685798        .       -
        1       Parent=Smp_043610.2
SM_V9_5 iris    CDS     12687128        12687597        .       -
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        0       Parent=Smp_043610.2
SM_V9_5 iris    CDS     12695579        12695676        .       -
        2       Parent=Smp_043610.2
SM_V9_5 iris    CDS     12695712        12695880        .       -
        0       Parent=Smp_043610.2
SM_V9_5 Liftoff gene    12702586        12708230        .       +
        .       ID=Smp_043600;geneID=Smp_043600
SM_V9_5 Liftoff mRNA    12702586        12708230        .       +
        .
ID=Smp_043600.1;Parent=Smp_043600;geneID=Smp_043600;product=UPF0641
membrane protein PJ4664.05;polypeptide_domain=InterPro:IPR006838
Pfam:PF04750;Ontology_term=GO:0016021
SM_V9_5 Liftoff exon    12702586        12702783        .       +
        .       Parent=Smp_043600.1
SM_V9_5 Liftoff exon    12702819        12702920        .       +
        .       Parent=Smp_043600.1
SM_V9_5 Liftoff exon    12702949        12703050        .       +
        .       Parent=Smp_043600.1
SM_V9_5 Liftoff exon    12703079        12703194        .       +
        .       Parent=Smp_043600.1
SM_V9_5 Liftoff exon    12705622        12705845        .       +
        .       Parent=Smp_043600.1
SM_V9_5 Liftoff exon    12707790        12708230        .       +
        .       Parent=Smp_043600.1
SM_V9_5 Liftoff CDS     12702631        12702783        .       +
        0       Parent=Smp_043600.1
SM_V9_5 Liftoff CDS     12702819        12702920        .       +
        0       Parent=Smp_043600.1
SM_V9_5 Liftoff CDS     12702949        12703050        .       +
        0       Parent=Smp_043600.1
SM_V9_5 Liftoff CDS     12703079        12703194        .       +
        0       Parent=Smp_043600.1
SM_V9_5 Liftoff CDS     12705622        12705845        .       +
        1       Parent=Smp_043600.1
SM_V9_5 Liftoff CDS     12707790        12707821        .       +
        2       Parent=Smp_043600.1
SM_V9_5 Liftoff gene    12720292        12733042        .       -
        .       ID=Smp_247700;geneID=Smp_247700
SM_V9_5 Liftoff mRNA    12720292        12733042        .       -
        .
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membrane protein PJ4664.05;polypeptide_domain=InterPro:IPR006838
Pfam:PF04750;Ontology_term=GO:0016021
SM_V9_5 Liftoff exon    12720292        12720725        .       -
        .       Parent=Smp_247700.1
SM_V9_5 Liftoff exon    12730427        12730650        .       -
        .       Parent=Smp_247700.1
SM_V9_5 Liftoff exon    12732448        12732563        .       -
        .       Parent=Smp_247700.1
SM_V9_5 Liftoff exon    12732592        12732693        .       -
        .       Parent=Smp_247700.1
SM_V9_5 Liftoff exon    12732722        12732823        .       -
        .       Parent=Smp_247700.1
SM_V9_5 Liftoff exon    12732859        12733042        .       -
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        .       Parent=Smp_247700.1
SM_V9_5 Liftoff CDS     12720694        12720725        .       -
        2       Parent=Smp_247700.1
SM_V9_5 Liftoff CDS     12730427        12730650        .       -
        1       Parent=Smp_247700.1
SM_V9_5 Liftoff CDS     12732448        12732563        .       -
        0       Parent=Smp_247700.1
SM_V9_5 Liftoff CDS     12732592        12732693        .       -
        0       Parent=Smp_247700.1
SM_V9_5 Liftoff CDS     12732722        12732823        .       -
        0       Parent=Smp_247700.1
SM_V9_5 Liftoff CDS     12732859        12733011        .       -
        0       Parent=Smp_247700.1
SM_V9_5 iris    gene    12738039        12773264        .       -
        .
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@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    12738039        12773264        .       -
        .
ID=Smp_145670.1;Parent=Smp_145670;geneID=Smp_145670;gene_name=Smp_14
5670;owner=irisadmin@local.host;orig_id=Smp_145670.1;date_last_modif
ied=2022-08-18;Name=Smp_145670.1;product=Translocation protein SEC63
homolog;date_creation=2022-08-18
SM_V9_5 iris    exon    12738039        12738571        .       -
        .       Parent=Smp_145670.1;Name=e8886932-7360-4f2d-a9a2-
ecdc6941be8f
SM_V9_5 iris    exon    12742705        12742809        .       -
        .       Parent=Smp_145670.1;Name=1ddf9ffb-c425-4226-
b1ee-249cfb4475cf
SM_V9_5 iris    exon    12744253        12744351        .       -
        .       Parent=Smp_145670.1;Name=0d9b01c9-06e6-4f3b-
b3c8-1d5544398834
SM_V9_5 iris    exon    12747537        12747814        .       -
        .       Parent=Smp_145670.1;Name=c149f4a5-18f0-4db9-b4be-
e4a538e5b451
SM_V9_5 iris    exon    12750302        12750530        .       -
        .       Parent=Smp_145670.1;Name=01e47efc-fc8c-48c2-868b-
e06e91b47685
SM_V9_5 iris    exon    12751527        12751901        .       -
        .       Parent=Smp_145670.1;Name=ade3c4e0-c735-4c7c-aab3-
debc6b0ea41f
SM_V9_5 iris    exon    12753528        12753674        .       -
        .       Parent=Smp_145670.1;Name=01abc1d1-e54a-4c8c-
a888-5a2ca1fdd23e
SM_V9_5 iris    exon    12755103        12755260        .       -
        .
Parent=Smp_145670.1;Name=9aa2e21e-9259-4d47-8118-4e906043b981
SM_V9_5 iris    exon    12757778        12757867        .       -
        .       Parent=Smp_145670.1;Name=f11914f9-2ea0-4675-
ba9a-948fdd4171d0
SM_V9_5 iris    exon    12760200        12760332        .       -
        .       Parent=Smp_145670.1;Name=9390e0e5-f80d-45ba-
a844-779c354fcdfb
SM_V9_5 iris    exon    12762052        12762255        .       -
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ca3e-4730-8590-7ce7a534e158
SM_V9_5 iris    exon    12765592        12765642        .       -
        .
Parent=Smp_145670.1;Name=b29f822e-8ae4-47d8-968f-01b32197fc51
SM_V9_5 iris    exon    12767764        12767822        .       -
        .       Parent=Smp_145670.1;Name=ed492e4f-b5c3-47c4-b81d-
eb883586d378
SM_V9_5 iris    exon    12769537        12769598        .       -
        .
Parent=Smp_145670.1;Name=9f38bedc-5a5d-412b-8900-9b233628fa50
SM_V9_5 iris    exon    12772673        12772785        .       -
        .       Parent=Smp_145670.1;Name=b5e69f15-
a6f9-4ce0-91fb-4af567ed7d26
SM_V9_5 iris    exon    12772820        12772934        .       -
        .
Parent=Smp_145670.1;Name=b2385fd3-15e7-4ad8-9b0b-089c2505015c
SM_V9_5 iris    exon    12772972        12773077        .       -
        .       Parent=Smp_145670.1;Name=ac0c995a-cb81-4b78-
aa7d-2d2a9a83e8bd
SM_V9_5 iris    exon    12773112        12773264        .       -
        .       Parent=Smp_145670.1;Name=7e3a23c2-faa8-41f0-
bed5-26e914542df3
SM_V9_5 iris    CDS     12738170        12738571        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12742705        12742809        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12744253        12744351        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12747537        12747814        .       -
        2       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12750302        12750530        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12751527        12751901        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12753528        12753674        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12755103        12755260        .       -
        2       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12757778        12757867        .       -
        2       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12760200        12760332        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12762052        12762255        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12765592        12765642        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12767764        12767822        .       -
        2       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12769537        12769598        .       -
        1       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12772673        12772785        .       -
        0       Parent=Smp_145670.1
SM_V9_5 iris    CDS     12772820        12772934        .       -
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        1       Parent=Smp_145670.1
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SM_V9_5 iris    CDS     12773112        12773235        .       -
        0       Parent=Smp_145670.1
SM_V9_5 Liftoff gene    12795038        12798328        .       +
        .       ID=Smp_043580;geneID=Smp_043580
SM_V9_5 Liftoff mRNA    12795038        12798328        .       +
        .
ID=Smp_043580.1;Parent=Smp_043580;geneID=Smp_043580;product=Histone-
lysine N-methyltransferase
SETMAR;polypeptide_domain=InterPro:IPR001214,IPR007728
Pfam:PF00856,PF05033;Ontology_term=GO:0005515,GO:0005634,GO:0008270,
GO:0018024,GO:0034968
SM_V9_5 Liftoff exon    12795038        12798328        .       +
        .       Parent=Smp_043580.1
SM_V9_5 Liftoff CDS     12795705        12796457        .       +
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SM_V9_5 Liftoff gene    12799691        12835718        .       -
        .       ID=Smp_043570;geneID=Smp_043570
SM_V9_5 Liftoff mRNA    12799691        12835718        .       -
        .
ID=Smp_043570.1;Parent=Smp_043570;geneID=Smp_043570;product=Melibios
e carrier
protein;polypeptide_domain=InterPro:IPR008253;Ontology_term=GO:00160
20
SM_V9_5 Liftoff exon    12799691        12806183        .       -
        .       Parent=Smp_043570.1
SM_V9_5 Liftoff exon    12818240        12818338        .       -
        .       Parent=Smp_043570.1
SM_V9_5 Liftoff exon    12835428        12835718        .       -
        .       Parent=Smp_043570.1
SM_V9_5 Liftoff CDS     12805992        12806183        .       -
        0       Parent=Smp_043570.1
SM_V9_5 Liftoff CDS     12818240        12818338        .       -
        0       Parent=Smp_043570.1
SM_V9_5 Liftoff CDS     12835428        12835661        .       -
        0       Parent=Smp_043570.1
SM_V9_5 Liftoff mRNA    12799691        12835718        .       -
        .
ID=Smp_043570.2;Parent=Smp_043570;geneID=Smp_043570;product=Rano
class II histocompatibility antigen, A beta chain (Fragment)
SM_V9_5 Liftoff exon    12799691        12806276        .       -
        .       Parent=Smp_043570.2
SM_V9_5 Liftoff exon    12810206        12810278        .       -
        .       Parent=Smp_043570.2
SM_V9_5 Liftoff exon    12818240        12818338        .       -
        .       Parent=Smp_043570.2
SM_V9_5 Liftoff exon    12835428        12835718        .       -
        .       Parent=Smp_043570.2
SM_V9_5 Liftoff CDS     12806146        12806276        .       -
        2       Parent=Smp_043570.2
SM_V9_5 Liftoff CDS     12810206        12810278        .       -
        0       Parent=Smp_043570.2
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SM_V9_5 Liftoff CDS     12818240        12818338        .       -
        0       Parent=Smp_043570.2
SM_V9_5 Liftoff CDS     12835428        12835661        .       -
        0       Parent=Smp_043570.2
SM_V9_5 iris    gene    12853558        12911130        .       +
        .
ID=Smp_044750;geneID=Smp_044750;gene_name=Smp_044750;owner=irisadmin
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SM_V9_5 iris    mRNA    12853558        12911130        .       +
        .
ID=Smp_044750.1;Parent=Smp_044750;geneID=Smp_044750;gene_name=Smp_04
4750;owner=irisadmin@local.host;orig_id=Smp_044750.1;date_last_modif
ied=2022-07-17;Name=Smp_044750.1;product=MARVEL domain-containing
protein 1;date_creation=2022-07-17
SM_V9_5 iris    exon    12853558        12853829        .       +
        .       Parent=Smp_044750.1;Name=7009a2ba-
f033-410a-81b5-3f6a682a55e7
SM_V9_5 iris    exon    12865878        12865976        .       +
        .       Parent=Smp_044750.1;Name=96fa160d-977a-4ddb-
a48d-70a487cb7b44
SM_V9_5 iris    exon    12889601        12889910        .       +
        .
Parent=Smp_044750.1;Name=80cacf89-7f31-4773-8778-1aa5aff33081
SM_V9_5 iris    exon    12909983        12911130        .       +
        .       Parent=Smp_044750.1;Name=a7f1c458-51f9-4180-
bd12-7de13671d813
SM_V9_5 iris    CDS     12853596        12853829        .       +
        0       Parent=Smp_044750.1
SM_V9_5 iris    CDS     12865878        12865976        .       +
        0       Parent=Smp_044750.1
SM_V9_5 iris    CDS     12889601        12889771        .       +
        0       Parent=Smp_044750.1
SM_V9_5 iris    gene    12928831        12949235        .       +
        .
ID=Smp_146300;geneID=Smp_146300;gene_name=Smp_146300;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    12928831        12949235        .       +
        .
ID=Smp_146300.1;Parent=Smp_146300;geneID=Smp_146300;gene_name=Smp_14
6300;owner=irisadmin@local.host;orig_id=Smp_146300.1;date_last_modif
ied=2022-08-18;Name=Smp_146300.1;product=N6-adenosine-
methyltransferase 70 kDa subunit;date_creation=2022-08-18
SM_V9_5 iris    exon    12928831        12928964        .       +
        .
Parent=Smp_146300.1;Name=01927cb8-30e0-4818-9a7d-3e05d2211cae
SM_V9_5 iris    exon    12930962        12931444        .       +
        .       Parent=Smp_146300.1;Name=6697cb35-
fdaa-45fe-80e1-3406b7e8f6a8
SM_V9_5 iris    exon    12932560        12932593        .       +
        .       Parent=Smp_146300.1;Name=9aabeb3e-c39e-435d-
bdae-6bd0821853a5
SM_V9_5 iris    exon    12934021        12934303        .       +
        .       Parent=Smp_146300.1;Name=847f774e-3bd8-4ef2-baa4-
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SM_V9_5 iris    exon    12936620        12936656        .       +
        .       Parent=Smp_146300.1;Name=68c25605-39a8-4d0c-876a-
fcba38753961
SM_V9_5 iris    exon    12938228        12938356        .       +
        .       Parent=Smp_146300.1;Name=a6fcee6f-d436-4fc4-937a-
ced4e8cfe796
SM_V9_5 iris    exon    12939058        12939113        .       +
        .
Parent=Smp_146300.1;Name=0b6fedb8-7c6b-4b7e-93c8-6340bf260252
SM_V9_5 iris    exon    12942055        12942315        .       +
        .       Parent=Smp_146300.1;Name=cfb55b3a-6a31-4088-80dc-
fd164ac7985a
SM_V9_5 iris    exon    12945805        12945992        .       +
        .       Parent=Smp_146300.1;Name=87432e97-ace5-451a-84e3-
fe8b03b6ebac
SM_V9_5 iris    exon    12946574        12946745        .       +
        .
Parent=Smp_146300.1;Name=97edc180-9ee5-4407-847f-03310b0eb4e3
SM_V9_5 iris    exon    12947641        12947795        .       +
        .       Parent=Smp_146300.1;Name=a034c0b0-78cd-4d7e-
ab98-738a96bd0002
SM_V9_5 iris    exon    12949024        12949235        .       +
        .       Parent=Smp_146300.1;Name=e87c091a-339c-46f6-
a3ab-32bd69617f45
SM_V9_5 iris    CDS     12930973        12931444        .       +
        0       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12932560        12932593        .       +
        2       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12934021        12934303        .       +
        1       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12936620        12936656        .       +
        0       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12938228        12938356        .       +
        2       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12939058        12939113        .       +
        2       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12942055        12942315        .       +
        0       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12945805        12945992        .       +
        0       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12946574        12946745        .       +
        1       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12947641        12947795        .       +
        0       Parent=Smp_146300.1
SM_V9_5 iris    CDS     12949024        12949129        .       +
        1       Parent=Smp_146300.1
SM_V9_5 iris    gene    12949126        12954514        .       -
        .
ID=Smp_146290;geneID=Smp_146290;gene_name=Smp_146290;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    12949126        12954514        .       -
        .
ID=Smp_146290.1;Parent=Smp_146290;geneID=Smp_146290;gene_name=Smp_14
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protein kinase DDB_G0278901;date_creation=2022-08-18
SM_V9_5 iris    exon    12949126        12949465        .       -
        .       Parent=Smp_146290.1;Name=ae5799be-3221-4b26-83f9-
d4ce42b15f1d
SM_V9_5 iris    exon    12953271        12954108        .       -
        .
Parent=Smp_146290.1;Name=5a40c77d-4b98-48a7-9e13-2f9c42d603cc
SM_V9_5 iris    exon    12954145        12954514        .       -
        .       Parent=Smp_146290.1;Name=131dce6a-7d65-4121-
b670-68a869303d4c
SM_V9_5 iris    CDS     12949301        12949465        .       -
        0       Parent=Smp_146290.1
SM_V9_5 iris    CDS     12953271        12954108        .       -
        1       Parent=Smp_146290.1
SM_V9_5 iris    CDS     12954145        12954167        .       -
        0       Parent=Smp_146290.1
SM_V9_5 iris    gene    12964531        13035660        .       -
        .
ID=Smp_146280;geneID=Smp_146280;gene_name=Smp_146280;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    12964531        13035660        .       -
        .
ID=Smp_146280.1;Parent=Smp_146280;geneID=Smp_146280;gene_name=Smp_14
6280;owner=irisadmin@local.host;orig_id=Smp_146280.1;date_last_modif
ied=2022-07-17;Name=Smp_146280.1;product=Calbindin-32;date_creation=
2022-07-17
SM_V9_5 iris    exon    12964531        12965026        .       -
        .       Parent=Smp_146280.1;Name=7c471f7d-1353-478a-818b-
a31b6fe1b679
SM_V9_5 iris    exon    12967235        12967306        .       -
        .       Parent=Smp_146280.1;Name=3f4cdb05-7afb-4902-b920-
e65407732a2c
SM_V9_5 iris    exon    12969376        12969478        .       -
        .       Parent=Smp_146280.1;Name=9f758b51-3d88-4f49-9bb0-
dd872de5f59e
SM_V9_5 iris    exon    12970624        12970679        .       -
        .       Parent=Smp_146280.1;Name=1156ab5e-
d334-401b-89d8-9be3f697d889
SM_V9_5 iris    exon    12974346        12974432        .       -
        .       Parent=Smp_146280.1;Name=7ec9e475-48f6-4da4-
b3d5-6811b673312a
SM_V9_5 iris    exon    12975783        12975839        .       -
        .       Parent=Smp_146280.1;Name=d92ff689-2e96-452c-9df0-
c65674ab782c
SM_V9_5 iris    exon    12989599        12989685        .       -
        .       Parent=Smp_146280.1;Name=0eb50dbc-
d4d1-48f8-8547-992373628fd0
SM_V9_5 iris    exon    13004283        13004372        .       -
        .       Parent=Smp_146280.1;Name=b36a1016-44c3-4601-
aeda-5f485ff0f6d3
SM_V9_5 iris    exon    13007635        13007717        .       -
        .       Parent=Smp_146280.1;Name=f214085b-
affd-488c-9296-9f134e018be5
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SM_V9_5 iris    exon    13035339        13035660        .       -
        .
Parent=Smp_146280.1;Name=d4777315-004e-47b6-9635-8c1a98021ca7
SM_V9_5 iris    CDS     12964751        12965026        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    CDS     12967235        12967306        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    CDS     12969376        12969478        .       -
        1       Parent=Smp_146280.1
SM_V9_5 iris    CDS     12970624        12970679        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    CDS     12974346        12974432        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    CDS     12975783        12975839        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    CDS     12989599        12989685        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    CDS     13004283        13004372        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    CDS     13007635        13007717        .       -
        2       Parent=Smp_146280.1
SM_V9_5 iris    CDS     13035339        13035525        .       -
        0       Parent=Smp_146280.1
SM_V9_5 iris    gene    13059876        13074188        .       -
        .
ID=Smp_044690;geneID=Smp_044690;gene_name=Smp_044690;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    13059876        13074188        .       -
        .
ID=Smp_044690.1;Parent=Smp_044690;geneID=Smp_044690;gene_name=Smp_04
4690;owner=irisadmin@local.host;orig_id=Smp_044690.1;date_last_modif
ied=2022-08-30;Name=Smp_044690.1;product=Mitochondrial glutamate
carrier 1;date_creation=2022-08-30
SM_V9_5 iris    exon    13059876        13061044        .       -
        .
Parent=Smp_044690.1;Name=2dfbb2bf-8dd1-42bc-8e40-299ba2be1664
SM_V9_5 iris    exon    13062358        13062433        .       -
        .       Parent=Smp_044690.1;Name=fafffde4-1441-42ac-
ab26-735a292472a9
SM_V9_5 iris    exon    13062704        13062809        .       -
        .
Parent=Smp_044690.1;Name=d83a0163-8747-4f62-8433-75f2402d687d
SM_V9_5 iris    exon    13065548        13065735        .       -
        .
Parent=Smp_044690.1;Name=54cf4b41-6303-4d9d-91d7-854d75908616
SM_V9_5 iris    exon    13068799        13068920        .       -
        .       Parent=Smp_044690.1;Name=a69408cb-
f111-46bb-8ec5-7a027c98951f
SM_V9_5 iris    exon    13070969        13071059        .       -
        .       Parent=Smp_044690.1;Name=24a9a4bf-6088-4738-
a727-69ad967e08a0
SM_V9_5 iris    exon    13071860        13071915        .       -
        .
Parent=Smp_044690.1;Name=e3b1144f-469b-4f15-9f24-8269ebfac2ec
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SM_V9_5 iris    exon    13073929        13074054        .       -
        .
Parent=Smp_044690.1;Name=ee434855-36aa-4332-9a51-1949e47f1d1e
SM_V9_5 iris    exon    13074088        13074188        .       -
        .
Parent=Smp_044690.1;Name=7f42fa0d-81aa-48b3-9a33-9050e58ef784
SM_V9_5 iris    CDS     13060900        13061044        .       -
        1       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13062358        13062433        .       -
        2       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13062704        13062809        .       -
        0       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13065548        13065735        .       -
        2       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13068799        13068920        .       -
        1       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13070969        13071059        .       -
        2       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13071860        13071915        .       -
        1       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13073929        13074054        .       -
        1       Parent=Smp_044690.1
SM_V9_5 iris    CDS     13074088        13074125        .       -
        0       Parent=Smp_044690.1
SM_V9_5 iris    gene    13086860        13116170        .       +
        .
ID=Smp_330490;geneID=Smp_330490;gene_name=Smp_330490;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    13086860        13116170        .       +
        .
ID=Smp_330490.1;Parent=Smp_330490;geneID=Smp_330490;gene_name=Smp_33
0490;owner=irisadmin@local.host;orig_id=Smp_330490.1;date_last_modif
ied=2022-08-18;Name=Smp_330490.1;product=Magnesium-dependent
phosphatase 1;date_creation=2022-08-18
SM_V9_5 iris    exon    13086860        13087033        .       +
        .       Parent=Smp_330490.1;Name=daa782aa-e93e-45a5-b567-
e24b94520ae2
SM_V9_5 iris    exon    13102588        13102721        .       +
        .       Parent=Smp_330490.1;Name=47f67cb5-a1c8-44f0-a0a2-
a43d13ac2761
SM_V9_5 iris    exon    13102762        13102819        .       +
        .       Parent=Smp_330490.1;Name=b154b4fe-ac69-41aa-a2b0-
fd87ca57ef3b
SM_V9_5 iris    exon    13102854        13102967        .       +
        .       Parent=Smp_330490.1;Name=bbd735f9-7ed2-4415-
bda9-5191e36508ad
SM_V9_5 iris    exon    13105827        13105934        .       +
        .
Parent=Smp_330490.1;Name=5a6db6c2-0e6b-45a5-9790-046825e6ed2f
SM_V9_5 iris    exon    13115502        13116170        .       +
        .       Parent=Smp_330490.1;Name=b67d4719-ba86-41f7-99dc-
aa3620e0bc2c
SM_V9_5 iris    CDS     13102658        13102721        .       +
        0       Parent=Smp_330490.1
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SM_V9_5 iris    CDS     13102762        13102819        .       +
        2       Parent=Smp_330490.1
SM_V9_5 iris    CDS     13102854        13102967        .       +
        1       Parent=Smp_330490.1
SM_V9_5 iris    CDS     13105827        13105934        .       +
        1       Parent=Smp_330490.1
SM_V9_5 iris    CDS     13115502        13115679        .       +
        1       Parent=Smp_330490.1
SM_V9_5 iris    gene    13122652        13129385        .       -
        .
ID=Smp_045710;geneID=Smp_045710;gene_name=Smp_045710;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    13122652        13129385        .       -
        .
ID=Smp_045710.1;Parent=Smp_045710;geneID=Smp_045710;gene_name=Smp_04
5710;owner=irisadmin@local.host;orig_id=Smp_045710.1;date_last_modif
ied=2022-08-18;Name=Smp_045710.1;product=Charged multivesicular body
protein 4b;date_creation=2022-08-18
SM_V9_5 iris    exon    13122652        13123964        .       -
        .       Parent=Smp_045710.1;Name=617a5e62-8c98-4c95-
ada7-7a949b66f5a6
SM_V9_5 iris    exon    13126019        13126115        .       -
        .       Parent=Smp_045710.1;Name=9d673f39-80be-4903-ab7e-
fe9d00d3b45a
SM_V9_5 iris    exon    13128677        13128824        .       -
        .       Parent=Smp_045710.1;Name=400809ed-6f19-4f49-b520-
aee6263a9caa
SM_V9_5 iris    exon    13128861        13129038        .       -
        .       Parent=Smp_045710.1;Name=06c00ec0-d5de-4abe-
be08-915ae95f9da2
SM_V9_5 iris    exon    13129075        13129385        .       -
        .
Parent=Smp_045710.1;Name=cdc0ef92-341a-4bd8-98c4-76b5a131cf18
SM_V9_5 iris    CDS     13123909        13123964        .       -
        2       Parent=Smp_045710.1
SM_V9_5 iris    CDS     13126019        13126115        .       -
        0       Parent=Smp_045710.1
SM_V9_5 iris    CDS     13128677        13128824        .       -
        1       Parent=Smp_045710.1
SM_V9_5 iris    CDS     13128861        13129038        .       -
        2       Parent=Smp_045710.1
SM_V9_5 iris    CDS     13129075        13129252        .       -
        0       Parent=Smp_045710.1
SM_V9_5 iris    gene    13136613        13156001        .       +
        .
ID=Smp_146760;geneID=Smp_146760;gene_name=Smp_146760;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    13136613        13156001        .       +
        .
ID=Smp_146760.1;Parent=Smp_146760;geneID=Smp_146760;gene_name=Smp_14
6760;owner=irisadmin@local.host;orig_id=Smp_146760.1;date_last_modif
ied=2022-07-17;Name=Smp_146760.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    13136613        13136939        .       +
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        .       Parent=Smp_146760.1;Name=c3f1df8a-6bb5-4cf1-
a9b1-29ee78702df7
SM_V9_5 iris    exon    13137017        13137209        .       +
        .
Parent=Smp_146760.1;Name=85be172b-33e4-4014-8484-0c55770eea0e
SM_V9_5 iris    exon    13139608        13139773        .       +
        .       Parent=Smp_146760.1;Name=213be64b-
c0a4-4395-8282-12e88d4c8d06
SM_V9_5 iris    exon    13149993        13150068        .       +
        .       Parent=Smp_146760.1;Name=ea9cd17b-9e68-4724-b6a3-
f656a6bd0c95
SM_V9_5 iris    exon    13155079        13156001        .       +
        .       Parent=Smp_146760.1;Name=cd4d82d4-133e-4cf5-a807-
b1cb323a2592
SM_V9_5 iris    CDS     13136771        13136939        .       +
        0       Parent=Smp_146760.1
SM_V9_5 iris    CDS     13137017        13137209        .       +
        2       Parent=Smp_146760.1
SM_V9_5 iris    CDS     13139608        13139773        .       +
        1       Parent=Smp_146760.1
SM_V9_5 iris    CDS     13149993        13150068        .       +
        0       Parent=Smp_146760.1
SM_V9_5 iris    CDS     13155079        13155134        .       +
        2       Parent=Smp_146760.1
SM_V9_5 iris    gene    13179221        13182582        .       -
        .
ID=Smp_146750;geneID=Smp_146750;gene_name=Smp_146750;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    13179221        13182582        .       -
        .
ID=Smp_146750.1;Parent=Smp_146750;geneID=Smp_146750;gene_name=Smp_14
6750;owner=irisadmin@local.host;orig_id=Smp_146750.1;date_last_modif
ied=2022-08-18;Name=Smp_146750.1;product=Sodium/hydrogen exchanger
2;date_creation=2022-08-18
SM_V9_5 iris    exon    13179221        13182582        .       -
        .       Parent=Smp_146750.1;Name=b34760c1-c0a7-4fbd-be13-
a82d63c3cf3e
SM_V9_5 iris    CDS     13179494        13181959        .       -
        0       Parent=Smp_146750.1
SM_V9_5 iris    gene    13195587        13198142        .       -
        .
ID=Smp_146740;geneID=Smp_146740;gene_name=Smp_146740;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    13195587        13198142        .       -
        .
ID=Smp_146740.1;Parent=Smp_146740;geneID=Smp_146740;gene_name=Smp_14
6740;owner=irisadmin@local.host;orig_id=Smp_146740.1;date_last_modif
ied=2022-08-18;Name=Smp_146740.1;product=Sodium/hydrogen exchanger
2;date_creation=2022-08-18
SM_V9_5 iris    exon    13195587        13198142        .       -
        .       Parent=Smp_146740.1;Name=334fb648-
f5df-4763-8620-149912e7c780
SM_V9_5 iris    CDS     13195795        13198128        .       -
        0       Parent=Smp_146740.1
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SM_V9_5 Liftoff gene    13239717        13242703        .       -
        .       ID=Smp_045680;geneID=Smp_045680
SM_V9_5 Liftoff mRNA    13239717        13242703        .       -
        .
ID=Smp_045680.1;Parent=Smp_045680;geneID=Smp_045680;product=Sodium/
hydrogen exchanger 2;polypeptide_domain=InterPro:IPR004709,IPR006153
Pfam:PF00999;Ontology_term=GO:0006812,GO:0006814,GO:0006885,GO:00152
99,GO:0015385,GO:0016021,GO:0055085
SM_V9_5 Liftoff exon    13239717        13242703        .       -
        .       Parent=Smp_045680.1
SM_V9_5 Liftoff CDS     13239975        13242371        .       -
        0       Parent=Smp_045680.1
SM_V9_5 iris    gene    13300070        13340332        .       +
        .
ID=Smp_146730;geneID=Smp_146730;gene_name=Smp_146730;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    13300070        13340332        .       +
        .
ID=Smp_146730.1;Parent=Smp_146730;geneID=Smp_146730;gene_name=Smp_14
6730;owner=irisadmin@local.host;orig_id=Smp_146730.1;date_last_modif
ied=2022-07-17;Name=Smp_146730.1;product=A disintegrin and
metalloproteinase with thrombospondin motifs
3;date_creation=2022-07-17
SM_V9_5 iris    exon    13300070        13300215        .       +
        .       Parent=Smp_146730.1;Name=21a94cb4-5aa7-401d-
a301-5eabf1dc69cb
SM_V9_5 iris    exon    13300249        13300404        .       +
        .       Parent=Smp_146730.1;Name=5dd96e32-e978-4592-afc2-
eabf5e54bd04
SM_V9_5 iris    exon    13305820        13305929        .       +
        .       Parent=Smp_146730.1;Name=540a93e2-08e1-41b4-
a84c-7f81c51b31f8
SM_V9_5 iris    exon    13309706        13309789        .       +
        .       Parent=Smp_146730.1;Name=d2d49f2c-6520-4d35-
bae3-1fea353331d8
SM_V9_5 iris    exon    13314454        13314589        .       +
        .       Parent=Smp_146730.1;Name=a91b11fd-c583-4276-82b7-
c3468503e309
SM_V9_5 iris    exon    13317587        13317692        .       +
        .
Parent=Smp_146730.1;Name=dbd15409-55c9-4a13-8b64-5ffdaa076e81
SM_V9_5 iris    exon    13319229        13319372        .       +
        .       Parent=Smp_146730.1;Name=15d41bd2-5368-462e-99da-
e8a254ca5f1f
SM_V9_5 iris    exon    13320618        13320759        .       +
        .
Parent=Smp_146730.1;Name=12066803-479f-4ca7-8f1a-58c763bbd9f6
SM_V9_5 iris    exon    13322910        13323023        .       +
        .       Parent=Smp_146730.1;Name=a27fdb2b-
adb4-4ea8-94b7-3825146b2d80
SM_V9_5 iris    exon    13325359        13325501        .       +
        .
Parent=Smp_146730.1;Name=23f94985-27b1-4e4e-8d87-8db87ab67670
SM_V9_5 iris    exon    13327965        13328034        .       +
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        .       Parent=Smp_146730.1;Name=1c943254-13ee-46bf-
acf5-3ae565aa28dc
SM_V9_5 iris    exon    13329664        13329775        .       +
        .       Parent=Smp_146730.1;Name=a444f73d-c25f-4d8e-a299-
e9428f820c54
SM_V9_5 iris    exon    13331675        13331802        .       +
        .
Parent=Smp_146730.1;Name=cba510ce-7604-4d46-8d49-05109b24bc80
SM_V9_5 iris    exon    13332987        13333098        .       +
        .       Parent=Smp_146730.1;Name=3c15afdb-fbe9-4544-
b0df-73e8f8a8cca0
SM_V9_5 iris    exon    13336350        13336442        .       +
        .       Parent=Smp_146730.1;Name=4d92dfde-
dbd9-4038-9f9e-2a59311512f8
SM_V9_5 iris    exon    13337666        13337853        .       +
        .       Parent=Smp_146730.1;Name=1a7e7e54-d740-455f-b131-
f0f2de7957cd
SM_V9_5 iris    exon    13340157        13340332        .       +
        .
Parent=Smp_146730.1;Name=f17c3517-6ef2-4a1a-84a0-6cef063029f3
SM_V9_5 iris    CDS     13300152        13300215        .       +
        0       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13300249        13300404        .       +
        2       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13305820        13305929        .       +
        2       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13309706        13309789        .       +
        0       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13314454        13314589        .       +
        0       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13317587        13317692        .       +
        2       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13319229        13319372        .       +
        1       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13320618        13320759        .       +
        1       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13322910        13323023        .       +
        0       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13325359        13325501        .       +
        0       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13327965        13328034        .       +
        1       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13329664        13329775        .       +
        0       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13331675        13331802        .       +
        2       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13332987        13333098        .       +
        0       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13336350        13336442        .       +
        2       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13337666        13337853        .       +
        2       Parent=Smp_146730.1
SM_V9_5 iris    CDS     13340157        13340240        .       +
        0       Parent=Smp_146730.1
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SM_V9_5 Liftoff gene    13345578        13416816        .       -
        .       ID=Smp_146720;geneID=Smp_146720
SM_V9_5 Liftoff mRNA    13345578        13416816        .       -
        .
ID=Smp_146720.1;Parent=Smp_146720;geneID=Smp_146720;product=Tissue-
type plasminogen
activator;polypeptide_domain=InterPro:IPR000001,IPR000742,IPR013806,
IPR018056,IPR031569 Pfam:PF00051,PF16977
SM_V9_5 Liftoff exon    13345578        13345904        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13346836        13346970        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13349890        13349991        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13351357        13351500        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13353246        13353445        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13356197        13356317        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13357916        13358109        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13359558        13360058        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13362183        13362696        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13365251        13365393        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13367544        13367999        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13369097        13369129        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13370599        13370807        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13370983        13371256        .       -
        .       Parent=Smp_146720.1
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        .       Parent=Smp_146720.1
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        .       Parent=Smp_146720.1
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        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13379944        13380105        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13380839        13380895        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13381886        13382005        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13383298        13383513        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13385198        13385359        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13387113        13387230        .       -
        .       Parent=Smp_146720.1
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SM_V9_5 Liftoff exon    13388847        13389070        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13391103        13391375        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13394697        13395398        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13397762        13397989        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13402989        13403220        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13406593        13406666        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff exon    13416252        13416816        .       -
        .       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13345812        13345904        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13346836        13346970        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13349890        13349991        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13351357        13351500        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13353246        13353445        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13356197        13356317        .       -
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SM_V9_5 Liftoff CDS     13357916        13358109        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13359558        13360058        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13362183        13362696        .       -
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SM_V9_5 Liftoff CDS     13365251        13365393        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13367544        13367999        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13369097        13369129        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13370599        13370807        .       -
        1       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13370983        13371256        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13372790        13372958        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13375611        13375723        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13377395        13377919        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13379944        13380105        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13380839        13380895        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13381886        13382005        .       -
        2       Parent=Smp_146720.1
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SM_V9_5 Liftoff CDS     13383298        13383513        .       -
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SM_V9_5 Liftoff CDS     13385198        13385359        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13387113        13387230        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13388847        13389070        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13391103        13391375        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13394697        13395398        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13397762        13397989        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13402989        13403220        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13406593        13406666        .       -
        2       Parent=Smp_146720.1
SM_V9_5 Liftoff CDS     13416252        13416624        .       -
        0       Parent=Smp_146720.1
SM_V9_5 Liftoff gene    13430510        13442258        .       +
        .       ID=Smp_045650;geneID=Smp_045650
SM_V9_5 Liftoff mRNA    13430510        13442258        .       +
        .
ID=Smp_045650.1;Parent=Smp_045650;geneID=Smp_045650;product=Growth
arrest-specific protein
8;polypeptide_domain=InterPro:IPR004088,IPR025593
Pfam:PF13851;Ontology_term=GO:0003723,GO:0031514,GO:0048870
SM_V9_5 Liftoff exon    13430510        13430541        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13430582        13430893        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13430934        13431155        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13431196        13431441        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13432407        13432574        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13434651        13434737        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13436465        13436674        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13440531        13440596        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff exon    13441860        13442258        .       +
        .       Parent=Smp_045650.1
SM_V9_5 Liftoff CDS     13430539        13430541        .       +
        0       Parent=Smp_045650.1
SM_V9_5 Liftoff CDS     13430582        13430893        .       +
        0       Parent=Smp_045650.1
SM_V9_5 Liftoff CDS     13430934        13431155        .       +
        0       Parent=Smp_045650.1
SM_V9_5 Liftoff CDS     13431196        13431441        .       +
        0       Parent=Smp_045650.1
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SM_V9_5 Liftoff CDS     13432407        13432574        .       +
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SM_V9_5 Liftoff CDS     13434651        13434737        .       +
        0       Parent=Smp_045650.1
SM_V9_5 Liftoff CDS     13436465        13436674        .       +
        0       Parent=Smp_045650.1
SM_V9_5 Liftoff CDS     13440531        13440596        .       +
        0       Parent=Smp_045650.1
SM_V9_5 Liftoff CDS     13441860        13442009        .       +
        0       Parent=Smp_045650.1
SM_V9_5 Liftoff gene    13452371        13486373        .       -
        .
ID=Smp_146710;geneID=Smp_146710;previous_systematic_id=Smp_045640
SM_V9_5 Liftoff mRNA    13452371        13486373        .       -
        .
ID=Smp_146710.1;Parent=Smp_146710;geneID=Smp_146710;product=Transcri
ption factor
castor;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:000367
6
SM_V9_5 Liftoff exon    13452371        13457804        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff exon    13460787        13460924        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff exon    13461607        13461808        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff exon    13473552        13473725        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff exon    13474337        13474353        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff exon    13475550        13475726        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff exon    13479063        13479560        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff exon    13484770        13486373        .       -
        .       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13455787        13457804        .       -
        2       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13460787        13460924        .       -
        2       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13461607        13461808        .       -
        0       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13473552        13473725        .       -
        0       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13474337        13474353        .       -
        2       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13475550        13475726        .       -
        2       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13479063        13479560        .       -
        2       Parent=Smp_146710.1
SM_V9_5 Liftoff CDS     13484770        13485667        .       -
        0       Parent=Smp_146710.1
SM_V9_5 Liftoff gene    13528631        13541229        .       -
        .       ID=Smp_045620;geneID=Smp_045620
SM_V9_5 Liftoff mRNA    13528631        13541229        .       -
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complex subunit
3;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR01977
5 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    13528631        13528947        .       -
        .       Parent=Smp_045620.1
SM_V9_5 Liftoff exon    13530389        13530489        .       -
        .       Parent=Smp_045620.1
SM_V9_5 Liftoff exon    13532891        13533058        .       -
        .       Parent=Smp_045620.1
SM_V9_5 Liftoff exon    13534562        13534701        .       -
        .       Parent=Smp_045620.1
SM_V9_5 Liftoff exon    13540693        13540917        .       -
        .       Parent=Smp_045620.1
SM_V9_5 Liftoff exon    13540953        13541229        .       -
        .       Parent=Smp_045620.1
SM_V9_5 Liftoff CDS     13528793        13528947        .       -
        2       Parent=Smp_045620.1
SM_V9_5 Liftoff CDS     13530389        13530489        .       -
        1       Parent=Smp_045620.1
SM_V9_5 Liftoff CDS     13532891        13533058        .       -
        1       Parent=Smp_045620.1
SM_V9_5 Liftoff CDS     13534562        13534701        .       -
        0       Parent=Smp_045620.1
SM_V9_5 Liftoff CDS     13540693        13540917        .       -
        0       Parent=Smp_045620.1
SM_V9_5 Liftoff CDS     13540953        13541132        .       -
        0       Parent=Smp_045620.1
SM_V9_5 iris    gene    13551048        13556878        .       +
        .
ID=Smp_045610;geneID=Smp_045610;gene_name=Smp_045610;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    13551048        13556878        .       +
        .
ID=Smp_045610.1;Parent=Smp_045610;geneID=Smp_045610;gene_name=Smp_04
5610;owner=irisadmin@local.host;orig_id=Smp_045610.1;date_last_modif
ied=2022-08-18;Name=Smp_045610.1;product=Rho GDP-dissociation
inhibitor 1;date_creation=2022-08-18
SM_V9_5 iris    exon    13551048        13551226        .       +
        .       Parent=Smp_045610.1;Name=74c1d6c6-ba70-4dd4-b512-
a620b7019826
SM_V9_5 iris    exon    13551288        13551572        .       +
        .       Parent=Smp_045610.1;Name=c679bdea-9769-43ed-
b3ef-9bfc52a836a3
SM_V9_5 iris    exon    13551607        13551690        .       +
        .       Parent=Smp_045610.1;Name=71ba59b8-
dfeb-466d-97de-2a039b9e29e8
SM_V9_5 iris    exon    13554655        13554795        .       +
        .       Parent=Smp_045610.1;Name=fc1ede58-ba97-453c-87da-
a65eb075f39d
SM_V9_5 iris    exon    13555838        13556878        .       +
        .       Parent=Smp_045610.1;Name=29678726-
f6e5-465d-925e-8f21886d912c
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SM_V9_5 iris    CDS     13551398        13551572        .       +
        0       Parent=Smp_045610.1
SM_V9_5 iris    CDS     13551607        13551690        .       +
        2       Parent=Smp_045610.1
SM_V9_5 iris    CDS     13554655        13554795        .       +
        2       Parent=Smp_045610.1
SM_V9_5 iris    CDS     13555838        13556040        .       +
        2       Parent=Smp_045610.1
SM_V9_5 iris    gene    13606148        13621934        .       -
        .
ID=Smp_045600;geneID=Smp_045600;gene_name=Smp_045600;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    13606148        13621934        .       -
        .
ID=Smp_045600.1;Parent=Smp_045600;geneID=Smp_045600;gene_name=Smp_04
5600;owner=irisadmin@local.host;orig_id=Smp_045600.1;date_last_modif
ied=2022-08-18;Name=Smp_045600.1;product=Uncharacterized protein
C10orf67, mitochondrial;date_creation=2022-08-18
SM_V9_5 iris    exon    13606148        13607010        .       -
        .       Parent=Smp_045600.1;Name=fc102378-74da-4c53-
bcd3-423b2f5ebf1d
SM_V9_5 iris    exon    13608845        13609066        .       -
        .
Parent=Smp_045600.1;Name=7a1bf75f-8c69-4871-8534-2e7c7eb9f678
SM_V9_5 iris    exon    13610391        13610564        .       -
        .
Parent=Smp_045600.1;Name=9c1d223c-1637-4cba-86d2-2e55427c4659
SM_V9_5 iris    exon    13615013        13615306        .       -
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Parent=Smp_045600.1;Name=37398620-8078-416a-9814-7ef9ff353fb3
SM_V9_5 iris    exon    13616567        13616863        .       -
        .       Parent=Smp_045600.1;Name=d4e98df2-02b3-4919-9e64-
e2b3b528df45
SM_V9_5 iris    exon    13619072        13619386        .       -
        .       Parent=Smp_045600.1;Name=dffa6894-74cb-4196-8634-
e8f22105d944
SM_V9_5 iris    exon    13620850        13621934        .       -
        .
Parent=Smp_045600.1;Name=e47e5866-9c25-4296-8ab5-812410e45cb6
SM_V9_5 iris    CDS     13606873        13607010        .       -
        0       Parent=Smp_045600.1
SM_V9_5 iris    CDS     13608845        13609066        .       -
        0       Parent=Smp_045600.1
SM_V9_5 iris    CDS     13610391        13610564        .       -
        0       Parent=Smp_045600.1
SM_V9_5 iris    CDS     13615013        13615306        .       -
        0       Parent=Smp_045600.1
SM_V9_5 iris    CDS     13616567        13616863        .       -
        0       Parent=Smp_045600.1
SM_V9_5 iris    CDS     13619072        13619386        .       -
        0       Parent=Smp_045600.1
SM_V9_5 iris    CDS     13620850        13621200        .       -
        0       Parent=Smp_045600.1
SM_V9_5 iris    gene    13625142        13640419        .       -
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SM_V9_5 iris    mRNA    13625142        13640419        .       -
        .
ID=Smp_045590.1;Parent=Smp_045590;geneID=Smp_045590;gene_name=Smp_04
5590;owner=irisadmin@local.host;orig_id=Smp_045590.1;date_last_modif
ied=2022-07-17;Name=Smp_045590.1;product=Dynein assembly factor 5,
axonemal;date_creation=2022-07-17
SM_V9_5 iris    exon    13625142        13625855        .       -
        .       Parent=Smp_045590.1;Name=af3fb5dd-
f767-4b3b-98b2-271daaa99a98
SM_V9_5 iris    exon    13628490        13628947        .       -
        .       Parent=Smp_045590.1;Name=293c3800-e54a-4a9f-8793-
e06d00b0c10f
SM_V9_5 iris    exon    13631400        13631694        .       -
        .       Parent=Smp_045590.1;Name=fc9945a9-3d8e-434c-a598-
c9de0e36e9b1
SM_V9_5 iris    exon    13632279        13632653        .       -
        .       Parent=Smp_045590.1;Name=99d0019f-8205-4f32-
be9f-715292e66042
SM_V9_5 iris    exon    13633384        13633632        .       -
        .       Parent=Smp_045590.1;Name=f3a00155-63b6-41c3-aa16-
b5940add44d6
SM_V9_5 iris    exon    13634539        13635123        .       -
        .       Parent=Smp_045590.1;Name=3a44f2fc-b5a0-4cfe-
aa8b-615e713b1062
SM_V9_5 iris    exon    13638120        13638556        .       -
        .       Parent=Smp_045590.1;Name=745886b9-eb3d-4c3c-
ad31-39a0fb0b1e0b
SM_V9_5 iris    exon    13639377        13639481        .       -
        .       Parent=Smp_045590.1;Name=aea18e4e-afde-4d5e-
be18-0fcbb8262d60
SM_V9_5 iris    exon    13639521        13640419        .       -
        .       Parent=Smp_045590.1;Name=60ad26e8-1c48-47e7-9ea6-
ebc8305878b5
SM_V9_5 iris    CDS     13625526        13625855        .       -
        0       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13628490        13628947        .       -
        2       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13631400        13631694        .       -
        0       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13632279        13632653        .       -
        0       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13633384        13633632        .       -
        0       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13634539        13635123        .       -
        0       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13638120        13638556        .       -
        2       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13639377        13639481        .       -
        2       Parent=Smp_045590.1
SM_V9_5 iris    CDS     13639521        13640355        .       -
        0       Parent=Smp_045590.1
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SM_V9_5 iris    gene    13648323        13679939        .       +
       .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
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ied=2022-07-17;Name=Smp_160160.1;product=Sialin;date_creation=2022-0
7-17
SM_V9_5 iris    exon    13648323        13648569        .       +
       .
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SM_V9_5 iris    exon    13648606        13648696        .       +
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SM_V9_5 iris    exon    13656004        13656152        .       +
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b440-69f13432777d
SM_V9_5 iris    exon    13663333        13663420        .       +
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b872-4da0c323fc8d
SM_V9_5 iris    exon    13665330        13665601        .       +
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d0f0746265af
SM_V9_5 iris    exon    13667955        13667998        .       +
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b05b-68008a6bb9de
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       .       Parent=Smp_160160.1;Name=d08a539a-c4e3-49d1-bc78-
a080507a1474
SM_V9_5 iris    exon    13672830        13672962        .       +
       .       Parent=Smp_160160.1;Name=5f0510b8-979b-4897-
b09b-1990ceda3310
SM_V9_5 iris    exon    13675346        13675501        .       +
       .       Parent=Smp_160160.1;Name=37fc5287-5949-4613-
a3d9-67db48578fdf
SM_V9_5 iris    exon    13677716        13677801        .       +
       .
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SM_V9_5 iris    exon    13679442        13679939        .       +
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SM_V9_5 iris    CDS     13648444        13648569        .       +
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SM_V9_5 iris    CDS     13656004        13656152        .       +
       2       Parent=Smp_160160.1
SM_V9_5 iris    CDS     13663333        13663420        .       +
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SM_V9_5 iris    CDS     13667955        13667998        .       +
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SM_V9_5 iris    CDS     13672830        13672962        .       +
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SM_V9_5 iris    CDS     13675346        13675501        .       +
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SM_V9_5 iris    CDS     13677716        13677801        .       +
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SM_V9_5 iris    CDS     13679442        13679669        .       +
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        .
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p_242820
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        .
ID=Smp_347540.1;Parent=Smp_347540;geneID=Smp_347540;product=LARGE
xylosyl- and glucuronyltransferase
2;polypeptide_domain=InterPro:IPR002495,IPR029044
Pfam:PF01501;Ontology_term=GO:0016757
SM_V9_5 Liftoff exon    13684369        13684573        .       -
        .       Parent=Smp_347540.1
SM_V9_5 Liftoff exon    13686441        13686735        .       -
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SM_V9_5 Liftoff exon    13690916        13691047        .       -
        .       Parent=Smp_347540.1
SM_V9_5 Liftoff exon    13695289        13695360        .       -
        .       Parent=Smp_347540.1
SM_V9_5 Liftoff exon    13696921        13697004        .       -
        .       Parent=Smp_347540.1
SM_V9_5 Liftoff exon    13701947        13702042        .       -
        .       Parent=Smp_347540.1
SM_V9_5 Liftoff exon    13718021        13718380        .       -
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SM_V9_5 Liftoff CDS     13684500        13684573        .       -
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SM_V9_5 Liftoff CDS     13686441        13686735        .       -
        0       Parent=Smp_347540.1
SM_V9_5 Liftoff CDS     13690916        13691047        .       -
        0       Parent=Smp_347540.1
SM_V9_5 Liftoff CDS     13695289        13695360        .       -
        0       Parent=Smp_347540.1
SM_V9_5 Liftoff CDS     13696921        13697004        .       -
        0       Parent=Smp_347540.1
SM_V9_5 Liftoff CDS     13701947        13702042        .       -
        0       Parent=Smp_347540.1
SM_V9_5 Liftoff CDS     13718021        13718158        .       -
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SM_V9_5 Liftoff mRNA    13684369        13718380        .       -
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        .       Parent=Smp_347540.2
SM_V9_5 Liftoff exon    13695289        13695360        .       -
        .       Parent=Smp_347540.2
SM_V9_5 Liftoff exon    13696921        13697004        .       -
        .       Parent=Smp_347540.2
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SM_V9_5 Liftoff exon    13707134        13707499        .       -
        .       Parent=Smp_347540.2
SM_V9_5 Liftoff exon    13718021        13718380        .       -
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SM_V9_5 Liftoff CDS     13684500        13684573        .       -
        2       Parent=Smp_347540.2
SM_V9_5 Liftoff CDS     13686441        13686735        .       -
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SM_V9_5 Liftoff CDS     13690916        13691047        .       -
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SM_V9_5 Liftoff CDS     13695289        13695360        .       -
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SM_V9_5 Liftoff CDS     13696921        13697004        .       -
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SM_V9_5 Liftoff CDS     13701947        13702042        .       -
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SM_V9_5 Liftoff CDS     13707134        13707499        .       -
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SM_V9_5 Liftoff CDS     13718021        13718158        .       -
        0       Parent=Smp_347540.2
SM_V9_5 Liftoff gene    13729842        13735064        .       -
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SM_V9_5 Liftoff mRNA    13729842        13735064        .       -
        .
ID=Smp_198790.1;Parent=Smp_198790;geneID=Smp_198790;product=DNA
polymerase epsilon subunit
3;polypeptide_domain=InterPro:IPR003958,IPR009072
Pfam:PF00808;Ontology_term=GO:0046982
SM_V9_5 Liftoff exon    13729842        13730487        .       -
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SM_V9_5 Liftoff exon    13732057        13732261        .       -
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SM_V9_5 Liftoff CDS     13730069        13730487        .       -
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SM_V9_5 Liftoff CDS     13734918        13734983        .       -
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SM_V9_5 iris    gene    13739508        13760537        .       -
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ID=Smp_069960.1;Parent=Smp_069960;geneID=Smp_069960;gene_name=Smp_06
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ied=2022-08-18;Name=Smp_069960.1;product=Ubiquitin carboxyl-terminal
hydrolase 5;date_creation=2022-08-18
SM_V9_5 iris    exon    13739508        13740447        .       -
       .       Parent=Smp_069960.1;Name=20fed7aa-7d96-4b51-b86a-
f4333efb8196
SM_V9_5 iris    exon    13741137        13741382        .       -
       .       Parent=Smp_069960.1;Name=6133f3a4-ffc7-459d-
b313-8ff086ed8e4a
SM_V9_5 iris    exon    13744850        13745160        .       -
       .       Parent=Smp_069960.1;Name=5f01ea20-a2ee-4522-
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SM_V9_5 iris    exon    13746664        13746985        .       -
       .       Parent=Smp_069960.1;Name=6121905e-3d9a-4d7a-
bed7-63b9987f45ce
SM_V9_5 iris    exon    13748326        13748493        .       -
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c118c3f35927
SM_V9_5 iris    exon    13751126        13751334        .       -
       .       Parent=Smp_069960.1;Name=98cc99df-88c8-4d05-bc9d-
ccaf05159a36
SM_V9_5 iris    exon    13754071        13754302        .       -
       .       Parent=Smp_069960.1;Name=d4922cab-6b61-4848-8b38-
c59f91970e71
SM_V9_5 iris    exon    13755767        13756030        .       -
       .
Parent=Smp_069960.1;Name=d1011a5a-0efe-4d02-8483-3a5dd4fca9f0
SM_V9_5 iris    exon    13757029        13757206        .       -
       .       Parent=Smp_069960.1;Name=ecf636c5-
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SM_V9_5 iris    exon    13757992        13758355        .       -
       .       Parent=Smp_069960.1;Name=228e5b74-c31a-4c8c-841a-
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SM_V9_5 iris    exon    13760002        13760350        .       -
       .       Parent=Smp_069960.1;Name=7bb8fa26-627d-4be3-
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SM_V9_5 iris    exon    13760432        13760537        .       -
       .
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SM_V9_5 iris    CDS     13746664        13746985        .       -
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SM_V9_5 iris    CDS     13754071        13754302        .       -
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SM_V9_5 iris    CDS     13757992        13758355        .       -
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SM_V9_5 iris    CDS     13760002        13760239        .       -
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3,IPR019786,IPR019787
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SM_V9_5 Liftoff exon    13765654        13767068        .       -
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SM_V9_5 Liftoff exon    13770023        13770554        .       -
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SM_V9_5 Liftoff exon    13772534        13772766        .       -
        .       Parent=Smp_160140.1
SM_V9_5 Liftoff exon    13775090        13775497        .       -
        .       Parent=Smp_160140.1
SM_V9_5 Liftoff exon    13777756        13778188        .       -
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        .       Parent=Smp_160140.1
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        .       Parent=Smp_160140.1
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SM_V9_5 Liftoff exon    13787134        13787438        .       -
        .       Parent=Smp_160140.1
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        .       Parent=Smp_160140.1
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SM_V9_5 Liftoff CDS     13777756        13778188        .       -
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SM_V9_5 Liftoff CDS     13779550        13779721        .       -
        2       Parent=Smp_160140.1
SM_V9_5 Liftoff CDS     13780961        13781045        .       -
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SM_V9_5 Liftoff CDS     13781873        13782007        .       -
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        .
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protein;polypeptide_domain=InterPro:IPR001611,IPR008144,IPR008145,IP
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Pfam:PF00625,PF13516,PF14580;Ontology_term=GO:0005515
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SM_V9_5 Liftoff exon    13804935        13805339        .       -
        .       Parent=Smp_345150.1
SM_V9_5 Liftoff exon    13807842        13808203        .       -
        .       Parent=Smp_345150.1
SM_V9_5 Liftoff exon    13811916        13812022        .       -
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        .       Parent=Smp_345150.1
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SM_V9_5 Liftoff CDS     13804935        13805339        .       -
        2       Parent=Smp_345150.1
SM_V9_5 Liftoff CDS     13807842        13808203        .       -
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SM_V9_5 Liftoff CDS     13811916        13812022        .       -
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SM_V9_5 Liftoff CDS     13813572        13813716        .       -
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SM_V9_5 Liftoff CDS     13814348        13814867        .       -
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SM_V9_5 Liftoff CDS     13817902        13818286        .       -
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SM_V9_5 Liftoff exon    13804935        13805339        .       -
        .       Parent=Smp_345150.2
SM_V9_5 Liftoff exon    13807842        13808203        .       -
        .       Parent=Smp_345150.2
SM_V9_5 Liftoff exon    13811916        13812022        .       -
        .       Parent=Smp_345150.2
SM_V9_5 Liftoff exon    13813572        13813716        .       -
        .       Parent=Smp_345150.2
SM_V9_5 Liftoff exon    13814348        13814867        .       -
        .       Parent=Smp_345150.2
SM_V9_5 Liftoff exon    13817902        13820834        .       -
        .       Parent=Smp_345150.2
SM_V9_5 Liftoff CDS     13801563        13801606        .       -
        2       Parent=Smp_345150.2
SM_V9_5 Liftoff CDS     13804935        13805339        .       -
        2       Parent=Smp_345150.2
SM_V9_5 Liftoff CDS     13807842        13808203        .       -
        1       Parent=Smp_345150.2
SM_V9_5 Liftoff CDS     13811916        13812022        .       -
        0       Parent=Smp_345150.2
SM_V9_5 Liftoff CDS     13813572        13813716        .       -
        1       Parent=Smp_345150.2
SM_V9_5 Liftoff CDS     13814348        13814867        .       -
        2       Parent=Smp_345150.2
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rich repeat and guanylate kinase domain-containing
protein;polypeptide_domain=InterPro:IPR001611,IPR008144,IPR008145,IP
R027417,IPR032675
Pfam:PF00625,PF13516,PF14580;Ontology_term=GO:0005515
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SM_V9_5 Liftoff exon    13804935        13805339        .       -
        .       Parent=Smp_345150.3
SM_V9_5 Liftoff exon    13807842        13808203        .       -
        .       Parent=Smp_345150.3
SM_V9_5 Liftoff exon    13808513        13808647        .       -
        .       Parent=Smp_345150.3
SM_V9_5 Liftoff exon    13811916        13812022        .       -
        .       Parent=Smp_345150.3
SM_V9_5 Liftoff exon    13813572        13813716        .       -
        .       Parent=Smp_345150.3
SM_V9_5 Liftoff exon    13814348        13814867        .       -
        .       Parent=Smp_345150.3
SM_V9_5 Liftoff exon    13817902        13820834        .       -
        .       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13801386        13801462        .       -
        2       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13804935        13805339        .       -
        2       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13807842        13808203        .       -
        1       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13808513        13808647        .       -
        1       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13811916        13812022        .       -
        0       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13813572        13813716        .       -
        1       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13814348        13814867        .       -
        2       Parent=Smp_345150.3
SM_V9_5 Liftoff CDS     13817902        13818286        .       -
        0       Parent=Smp_345150.3
SM_V9_5 iris    gene    13830672        13864577        .       +
        .
ID=Smp_334540;geneID=Smp_334540;gene_name=Smp_334540;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_5 iris    mRNA    13830672        13864577        .       +
        .
ID=Smp_334540.1;Parent=Smp_334540;geneID=Smp_334540;gene_name=Smp_33
4540;owner=irisadmin@local.host;orig_id=Smp_334540.1;date_last_modif
ied=2022-08-15;Name=Smp_334540.1;product=XK-related protein
4;date_creation=2022-08-15
SM_V9_5 iris    exon    13830672        13830727        .       +
        .
Parent=Smp_334540.1;Name=c50ef183-549e-4dac-99b1-42f206518a61
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SM_V9_5 iris    exon    13838581        13838901        .       +
        .
Parent=Smp_334540.1;Name=44d786c6-18e4-4375-8ed2-38e6495b6860
SM_V9_5 iris    exon    13840253        13840400        .       +
        .       Parent=Smp_334540.1;Name=17a1e2ef-2ba4-4842-
aefe-937d9bec969b
SM_V9_5 iris    exon    13845813        13845994        .       +
        .       Parent=Smp_334540.1;Name=c63e95a2-379c-43f4-
bf61-77102cb3448b
SM_V9_5 iris    exon    13846920        13847120        .       +
        .       Parent=Smp_334540.1;Name=8e5ef1f9-783a-49c1-
a1a9-8305bb1f97ec
SM_V9_5 iris    exon    13859441        13859766        .       +
        .
Parent=Smp_334540.1;Name=06817a38-5417-4be2-94af-600b97c1e362
SM_V9_5 iris    exon    13862950        13864577        .       +
        .       Parent=Smp_334540.1;Name=5f9cfc32-676c-48e7-
ae02-69de6a72b4a8
SM_V9_5 iris    CDS     13838661        13838901        .       +
        0       Parent=Smp_334540.1
SM_V9_5 iris    CDS     13840253        13840400        .       +
        2       Parent=Smp_334540.1
SM_V9_5 iris    CDS     13845813        13845994        .       +
        1       Parent=Smp_334540.1
SM_V9_5 iris    CDS     13846920        13847120        .       +
        2       Parent=Smp_334540.1
SM_V9_5 iris    CDS     13859441        13859766        .       +
        2       Parent=Smp_334540.1
SM_V9_5 iris    CDS     13862950        13863960        .       +
        0       Parent=Smp_334540.1
SM_V9_5 iris    gene    13868333        13876651        .       -
        .
ID=Smp_069910;geneID=Smp_069910;gene_name=Smp_069910;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    13868333        13876651        .       -
        .
ID=Smp_069910.1;Parent=Smp_069910;geneID=Smp_069910;gene_name=Smp_06
9910;owner=irisadmin@local.host;orig_id=Smp_069910.1;date_last_modif
ied=2022-08-18;Name=Smp_069910.1;product=28S ribosomal protein S35,
mitochondrial;date_creation=2022-08-18
SM_V9_5 iris    exon    13868333        13868731        .       -
        .       Parent=Smp_069910.1;Name=e37ca132-f8dc-4d83-9ceb-
aa1f4cc37d3e
SM_V9_5 iris    exon    13871512        13871673        .       -
        .
Parent=Smp_069910.1;Name=e4184c56-33c7-4a58-89f1-7e02b86ebca9
SM_V9_5 iris    exon    13873876        13874079        .       -
        .       Parent=Smp_069910.1;Name=770be85a-784c-44a9-
b826-8b4e082b526f
SM_V9_5 iris    exon    13875962        13876101        .       -
        .       Parent=Smp_069910.1;Name=e72b3309-758d-4ab7-
aa5c-79720ddd65de
SM_V9_5 iris    exon    13876134        13876254        .       -
        .
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Parent=Smp_069910.1;Name=e9d41aba-0332-4912-91c4-61b2ae7defbf
SM_V9_5 iris    exon    13876291        13876410        .       -
        .       Parent=Smp_069910.1;Name=b7cadf8f-22fe-4e6e-a8b6-
e0f8ce97ab6e
SM_V9_5 iris    exon    13876454        13876651        .       -
        .       Parent=Smp_069910.1;Name=2495fc04-99f7-4480-8176-
d2e00d935432
SM_V9_5 iris    CDS     13868474        13868731        .       -
        0       Parent=Smp_069910.1
SM_V9_5 iris    CDS     13871512        13871673        .       -
        0       Parent=Smp_069910.1
SM_V9_5 iris    CDS     13873876        13874079        .       -
        0       Parent=Smp_069910.1
SM_V9_5 iris    CDS     13875962        13876101        .       -
        2       Parent=Smp_069910.1
SM_V9_5 iris    CDS     13876134        13876254        .       -
        0       Parent=Smp_069910.1
SM_V9_5 iris    CDS     13876291        13876410        .       -
        0       Parent=Smp_069910.1
SM_V9_5 iris    CDS     13876454        13876618        .       -
        0       Parent=Smp_069910.1
SM_V9_5 Liftoff gene    13882033        13887449        .       +
        .       ID=Smp_069900;geneID=Smp_069900
SM_V9_5 Liftoff mRNA    13882033        13887449        .       +
        .
ID=Smp_069900.1;Parent=Smp_069900;geneID=Smp_069900;product=Ras-
related protein
Rab-39A;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_5 Liftoff exon    13882033        13882631        .       +
        .       Parent=Smp_069900.1
SM_V9_5 Liftoff exon    13882668        13882848        .       +
        .       Parent=Smp_069900.1
SM_V9_5 Liftoff exon    13884432        13884584        .       +
        .       Parent=Smp_069900.1
SM_V9_5 Liftoff exon    13886607        13887449        .       +
        .       Parent=Smp_069900.1
SM_V9_5 Liftoff CDS     13882417        13882631        .       +
        0       Parent=Smp_069900.1
SM_V9_5 Liftoff CDS     13882668        13882848        .       +
        1       Parent=Smp_069900.1
SM_V9_5 Liftoff CDS     13884432        13884584        .       +
        0       Parent=Smp_069900.1
SM_V9_5 Liftoff CDS     13886607        13886732        .       +
        0       Parent=Smp_069900.1
SM_V9_5 Liftoff gene    13896903        13909757        .       +
        .       ID=Smp_069890;geneID=Smp_069890
SM_V9_5 Liftoff mRNA    13896903        13909757        .       +
        .
ID=Smp_069890.1;Parent=Smp_069890;geneID=Smp_069890;product=UPF0193
protein EVG1 homolog;polypeptide_domain=InterPro:IPR007914
Pfam:PF05250
SM_V9_5 Liftoff exon    13896903        13896996        .       +
        .       Parent=Smp_069890.1
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SM_V9_5 Liftoff exon    13897030        13897092        .       +
        .       Parent=Smp_069890.1
SM_V9_5 Liftoff exon    13897157        13897244        .       +
        .       Parent=Smp_069890.1
SM_V9_5 Liftoff exon    13897346        13897428        .       +
        .       Parent=Smp_069890.1
SM_V9_5 Liftoff exon    13903937        13904149        .       +
        .       Parent=Smp_069890.1
SM_V9_5 Liftoff exon    13908351        13908451        .       +
        .       Parent=Smp_069890.1
SM_V9_5 Liftoff exon    13909470        13909757        .       +
        .       Parent=Smp_069890.1
SM_V9_5 Liftoff CDS     13896927        13896996        .       +
        0       Parent=Smp_069890.1
SM_V9_5 Liftoff CDS     13897030        13897092        .       +
        2       Parent=Smp_069890.1
SM_V9_5 Liftoff CDS     13897157        13897244        .       +
        2       Parent=Smp_069890.1
SM_V9_5 Liftoff CDS     13897346        13897428        .       +
        1       Parent=Smp_069890.1
SM_V9_5 Liftoff CDS     13903937        13904149        .       +
        2       Parent=Smp_069890.1
SM_V9_5 Liftoff CDS     13908351        13908451        .       +
        2       Parent=Smp_069890.1
SM_V9_5 Liftoff CDS     13909470        13909541        .       +
        0       Parent=Smp_069890.1
SM_V9_5 Liftoff gene    13979594        13986445        .       -
        .       ID=Smp_069880;geneID=Smp_069880
SM_V9_5 Liftoff mRNA    13979594        13986445        .       -
        .
ID=Smp_069880.1;Parent=Smp_069880;geneID=Smp_069880;product=U2 small
nuclear ribonucleoprotein B'';polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_5 Liftoff exon    13979594        13980430        .       -
        .       Parent=Smp_069880.1
SM_V9_5 Liftoff exon    13983574        13983756        .       -
        .       Parent=Smp_069880.1
SM_V9_5 Liftoff exon    13986113        13986445        .       -
        .       Parent=Smp_069880.1
SM_V9_5 Liftoff CDS     13980164        13980430        .       -
        0       Parent=Smp_069880.1
SM_V9_5 Liftoff CDS     13983574        13983756        .       -
        0       Parent=Smp_069880.1
SM_V9_5 Liftoff CDS     13986113        13986343        .       -
        0       Parent=Smp_069880.1
SM_V9_5 Liftoff gene    13989666        13993828        .       -
        .       ID=Smp_069870;geneID=Smp_069870
SM_V9_5 Liftoff mRNA    13989666        13993828        .       -
        .
ID=Smp_069870.1;Parent=Smp_069870;geneID=Smp_069870;product=U1 small
nuclear ribonucleoprotein A;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_5 Liftoff exon    13989666        13990485        .       -
        .       Parent=Smp_069870.1
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SM_V9_5 Liftoff exon    13993435        13993828        .       -
        .       Parent=Smp_069870.1
SM_V9_5 Liftoff CDS     13989779        13990485        .       -
        2       Parent=Smp_069870.1
SM_V9_5 Liftoff CDS     13993435        13993714        .       -
        0       Parent=Smp_069870.1
SM_V9_5 Liftoff gene    14002075        14005909        .       +
        .       ID=Smp_330500;geneID=Smp_330500
SM_V9_5 Liftoff mRNA    14002075        14005909        .       +
        .
ID=Smp_330500.1;Parent=Smp_330500;geneID=Smp_330500;product=Forkhead
box protein N4
SM_V9_5 Liftoff exon    14002075        14005909        .       +
        .       Parent=Smp_330500.1
SM_V9_5 Liftoff CDS     14004878        14005387        .       +
        0       Parent=Smp_330500.1
SM_V9_5 Liftoff mRNA    14002085        14005817        .       +
        .
ID=Smp_330500.2;Parent=Smp_330500;geneID=Smp_330500;product=Forkhead
box protein N4
SM_V9_5 Liftoff exon    14002085        14005817        .       +
        .       Parent=Smp_330500.2
SM_V9_5 Liftoff CDS     14004878        14005387        .       +
        0       Parent=Smp_330500.2
SM_V9_5 iris    gene    14007914        14018114        .       +
        .
ID=Smp_160100;geneID=Smp_160100;gene_name=Smp_160100;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    14007914        14018114        .       +
        .
ID=Smp_160100.1;Parent=Smp_160100;geneID=Smp_160100;gene_name=Smp_16
0100;owner=irisadmin@local.host;orig_id=Smp_160100.1;date_last_modif
ied=2022-08-30;Name=Smp_160100.1;product=Probable small nuclear
ribonucleoprotein Sm D2;date_creation=2022-08-30
SM_V9_5 iris    exon    14007914        14008046        .       +
        .       Parent=Smp_160100.1;Name=aa0ed7f9-aec3-428c-
a0be-4767ac7e6241
SM_V9_5 iris    exon    14009438        14009637        .       +
        .       Parent=Smp_160100.1;Name=01621391-eef6-4563-
a69e-25539324b3f1
SM_V9_5 iris    exon    14010516        14010572        .       +
        .       Parent=Smp_160100.1;Name=3ba5751a-e7a0-40e8-ade8-
bc207b42c398
SM_V9_5 iris    exon    14013772        14013916        .       +
        .
Parent=Smp_160100.1;Name=e50179ac-7a8d-4d37-8fd0-1e8451cc65e5
SM_V9_5 iris    exon    14015915        14016242        .       +
        .       Parent=Smp_160100.1;Name=3c33314f-19dc-4eea-8dd4-
f98985d32ae5
SM_V9_5 iris    exon    14017426        14018114        .       +
        .       Parent=Smp_160100.1;Name=1583f23b-bfec-429d-
a46c-08054cfa5352
SM_V9_5 iris    CDS     14009515        14009637        .       +
        0       Parent=Smp_160100.1
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SM_V9_5 iris    CDS     14010516        14010572        .       +
        0       Parent=Smp_160100.1
SM_V9_5 iris    CDS     14013772        14013916        .       +
        0       Parent=Smp_160100.1
SM_V9_5 iris    CDS     14015915        14016242        .       +
        2       Parent=Smp_160100.1
SM_V9_5 iris    CDS     14017426        14017627        .       +
        1       Parent=Smp_160100.1
SM_V9_5 iris    gene    14027599        14028241        .       +
        .
ID=Smp_349970;geneID=Smp_349970;gene_name=Smp_349970;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    14027599        14028241        .       +
        .
ID=Smp_349970.1;Parent=Smp_349970;geneID=Smp_349970;gene_name=Smp_34
9970;owner=irisadmin@local.host;orig_id=Smp_069840.1;date_last_modif
ied=2022-08-18;Name=Smp_349970.1;date_creation=2022-08-18
SM_V9_5 iris    exon    14027599        14027882        .       +
        .       Parent=Smp_349970.1;Name=625d569d-d544-49de-
b207-425c232775d0
SM_V9_5 iris    exon    14027917        14028004        .       +
        .       Parent=Smp_349970.1;Name=78848e9e-fd76-410d-90c2-
a5c5f857987e
SM_V9_5 iris    exon    14028034        14028241        .       +
        .       Parent=Smp_349970.1;Name=ac0aeb9e-ebbd-4a84-b5ab-
b8435ae10405
SM_V9_5 iris    CDS     14027640        14027882        .       +
        0       Parent=Smp_349970.1
SM_V9_5 iris    CDS     14027917        14028004        .       +
        0       Parent=Smp_349970.1
SM_V9_5 iris    CDS     14028034        14028125        .       +
        2       Parent=Smp_349970.1
SM_V9_5 iris    gene    14028243        14037177        .       +
        .
ID=Smp_069840;geneID=Smp_069840;gene_name=Smp_069840;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    14028243        14037177        .       +
        .
ID=Smp_069840.1;Parent=Smp_069840;geneID=Smp_069840;gene_name=Smp_06
9840;owner=irisadmin@local.host;orig_id=Smp_069840.1;date_last_modif
ied=2022-08-18;Name=Smp_069840.1;product=Ankyrin repeat domain-
containing protein 49;date_creation=2022-08-18
SM_V9_5 iris    exon    14028243        14028327        .       +
        .       Parent=Smp_069840.1;Name=Smp_069840.1-CDS
SM_V9_5 iris    exon    14032808        14032904        .       +
        .       Parent=Smp_069840.1;Name=79cda0de-43cf-4be1-
b86a-551acc1d8fb2
SM_V9_5 iris    exon    14034389        14034582        .       +
        .       Parent=Smp_069840.1;Name=fdb53632-9654-4b98-
ba0c-56704d28f9ea
SM_V9_5 iris    exon    14035797        14035929        .       +
        .
Parent=Smp_069840.1;Name=560a5d4a-1779-467e-9ab8-5cf209e5ed50
SM_V9_5 iris    exon    14036948        14037177        .       +
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        .       Parent=Smp_069840.1;Name=1c069d69-80cd-4d4c-a982-
c44a5ca0e3fc
SM_V9_5 iris    CDS     14028271        14028327        .       +
        0       Parent=Smp_069840.1
SM_V9_5 iris    CDS     14032808        14032904        .       +
        0       Parent=Smp_069840.1
SM_V9_5 iris    CDS     14034389        14034582        .       +
        2       Parent=Smp_069840.1
SM_V9_5 iris    CDS     14035797        14035929        .       +
        0       Parent=Smp_069840.1
SM_V9_5 iris    CDS     14036948        14037153        .       +
        2       Parent=Smp_069840.1
SM_V9_5 Liftoff gene    14039796        14040357        .       -
        .       ID=Smp_302800;geneID=Smp_302800
SM_V9_5 Liftoff mRNA    14039796        14040357        .       -
        .
ID=Smp_302800.1;Parent=Smp_302800;geneID=Smp_302800;product=Tyrosine
--tRNA ligase, cytoplasmic;polypeptide_domain=InterPro:IPR012621
Pfam:PF08038;Ontology_term=GO:0005742,GO:0030150
SM_V9_5 Liftoff exon    14039796        14040357        .       -
        .       Parent=Smp_302800.1
SM_V9_5 Liftoff CDS     14039867        14040073        .       -
        0       Parent=Smp_302800.1
SM_V9_5 iris    gene    14070895        14081207        .       -
        .
ID=Smp_069820;geneID=Smp_069820;gene_name=Smp_069820;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    14070895        14081207        .       -
        .
ID=Smp_069820.1;Parent=Smp_069820;geneID=Smp_069820;gene_name=Smp_06
9820;owner=irisadmin@local.host;orig_id=Smp_069820.1;date_last_modif
ied=2022-08-18;Name=Smp_069820.1;product=Hypothetical
protein;date_creation=2022-08-18
SM_V9_5 iris    exon    14070895        14071496        .       -
        .       Parent=Smp_069820.1;Name=cca2decb-6522-4c0e-b210-
b03da642bb28
SM_V9_5 iris    exon    14072447        14072542        .       -
        .
Parent=Smp_069820.1;Name=fbaf7513-7679-4f4e-98a6-9bf4bc69c8d1
SM_V9_5 iris    exon    14075004        14075626        .       -
        .       Parent=Smp_069820.1;Name=33af554a-14d6-4471-86dc-
f9c65c5e90ae
SM_V9_5 iris    exon    14077985        14078174        .       -
        .       Parent=Smp_069820.1;Name=1a4bbb7d-71c1-455c-90b2-
f71f08b5de07
SM_V9_5 iris    exon    14080924        14081207        .       -
        .       Parent=Smp_069820.1;Name=25a9ca43-7343-4cf1-be72-
ad4b5233261f
SM_V9_5 iris    CDS     14071206        14071496        .       -
        0       Parent=Smp_069820.1
SM_V9_5 iris    CDS     14072447        14072542        .       -
        0       Parent=Smp_069820.1
SM_V9_5 iris    CDS     14075004        14075626        .       -
        2       Parent=Smp_069820.1
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SM_V9_5 iris    CDS     14077985        14078075        .       -
        0       Parent=Smp_069820.1
SM_V9_5 iris    gene    14084555        14100581        .       -
        .
ID=Smp_069810;geneID=Smp_069810;gene_name=Smp_069810;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    14084555        14100581        .       -
        .
ID=Smp_069810.1;Parent=Smp_069810;geneID=Smp_069810;gene_name=Smp_06
9810;owner=irisadmin@local.host;orig_id=Smp_069810.1;date_last_modif
ied=2022-08-18;Name=Smp_069810.1;product=E3 ubiquitin-protein ligase
TM129;date_creation=2022-08-18
SM_V9_5 iris    exon    14084555        14085274        .       -
        .
Parent=Smp_069810.1;Name=c1163c5d-513d-4cb8-9365-72d64f254b3d
SM_V9_5 iris    exon    14088459        14088618        .       -
        .       Parent=Smp_069810.1;Name=b3106eb7-fb38-45f7-8d51-
da6b1d64b759
SM_V9_5 iris    exon    14089945        14090271        .       -
        .       Parent=Smp_069810.1;Name=3b8e513d-cc61-412f-8db4-
d5ef2b296e6b
SM_V9_5 iris    exon    14093396        14093678        .       -
        .
Parent=Smp_069810.1;Name=fa9bd6dd-4629-4e86-8206-836944285ef7
SM_V9_5 iris    exon    14097535        14097943        .       -
        .       Parent=Smp_069810.1;Name=b4da44cc-2112-49bf-
a908-1d413f0d4365
SM_V9_5 iris    exon    14100476        14100581        .       -
        .       Parent=Smp_069810.1;Name=4f531726-5c13-40f6-
ad82-06195a90d7a9
SM_V9_5 iris    CDS     14084951        14085274        .       -
        0       Parent=Smp_069810.1
SM_V9_5 iris    CDS     14088459        14088618        .       -
        1       Parent=Smp_069810.1
SM_V9_5 iris    CDS     14089945        14090271        .       -
        1       Parent=Smp_069810.1
SM_V9_5 iris    CDS     14093396        14093678        .       -
        2       Parent=Smp_069810.1
SM_V9_5 iris    CDS     14097535        14097796        .       -
        0       Parent=Smp_069810.1
SM_V9_5 iris    gene    14107559        14135779        .       +
        .
ID=Smp_160090;geneID=Smp_160090;gene_name=Smp_160090;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    14107559        14135779        .       +
        .
ID=Smp_160090.1;Parent=Smp_160090;geneID=Smp_160090;gene_name=Smp_16
0090;owner=irisadmin@local.host;orig_id=Smp_160090.2;date_last_modif
ied=2022-07-17;Name=Smp_160090.1;product=RNA exonuclease
5;date_creation=2022-07-17
SM_V9_5 iris    exon    14107559        14107598        .       +
        .       Parent=Smp_160090.1;Name=1afba7b1-44d3-4f7e-
b7eb-1c8988e8e3e3
SM_V9_5 iris    exon    14108599        14108679        .       +
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        .       Parent=Smp_160090.1;Name=7484afae-58bc-40e5-823e-
f6cab6b2a48b
SM_V9_5 iris    exon    14109991        14110237        .       +
        .       Parent=Smp_160090.1;Name=f4035483-ed98-4776-
b632-53ff0e46c0bd
SM_V9_5 iris    exon    14110284        14110337        .       +
        .       Parent=Smp_160090.1;Name=c7abbb7d-
d57f-4fd7-80b2-6f3314f0eae5
SM_V9_5 iris    exon    14110374        14110480        .       +
        .       Parent=Smp_160090.1;Name=0c790a7c-4d2f-4f4a-
a26f-75b3c8265a2c
SM_V9_5 iris    exon    14110515        14110635        .       +
        .       Parent=Smp_160090.1;Name=a3790ba5-052d-4803-baf9-
c78ef219a1b1
SM_V9_5 iris    exon    14110667        14110769        .       +
        .       Parent=Smp_160090.1;Name=f6570499-3fc2-463b-
b4cb-071ec404a9d6
SM_V9_5 iris    exon    14114268        14114620        .       +
        .       Parent=Smp_160090.1;Name=f3b48800-02e8-4ecc-94d6-
da60c69b1dac
SM_V9_5 iris    exon    14122864        14123036        .       +
        .       Parent=Smp_160090.1;Name=d71bc24c-06cf-4a9c-a24a-
de2ef61f02b0
SM_V9_5 iris    exon    14124346        14124484        .       +
        .       Parent=Smp_160090.1;Name=164e839c-8657-4ce2-
b3a9-101f8ab30a10
SM_V9_5 iris    exon    14125741        14125841        .       +
        .       Parent=Smp_160090.1;Name=ce54c832-aff7-4dd2-b3f8-
b07bc0507026
SM_V9_5 iris    exon    14127503        14127591        .       +
        .       Parent=Smp_160090.1;Name=1b13cf38-3d26-4ca8-beb1-
e2d377bfc5fe
SM_V9_5 iris    exon    14132121        14132191        .       +
        .       Parent=Smp_160090.1;Name=1764c827-d040-4be2-
b329-21779e9abfcb
SM_V9_5 iris    exon    14133612        14134220        .       +
        .       Parent=Smp_160090.1;Name=d81215f5-bf98-471b-9b9c-
ca0514c6d555
SM_V9_5 iris    exon    14135266        14135779        .       +
        .       Parent=Smp_160090.1;Name=d1abf3a2-3e4d-4378-
a538-28fa97800448
SM_V9_5 iris    CDS     14110293        14110337        .       +
        0       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14110374        14110480        .       +
        0       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14110515        14110635        .       +
        1       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14110667        14110769        .       +
        0       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14114268        14114620        .       +
        2       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14122864        14123036        .       +
        0       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14124346        14124484        .       +
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        1       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14125741        14125841        .       +
        0       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14127503        14127591        .       +
        1       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14132121        14132191        .       +
        2       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14133612        14134220        .       +
        0       Parent=Smp_160090.1
SM_V9_5 iris    CDS     14135266        14135487        .       +
        0       Parent=Smp_160090.1
SM_V9_5 iris    gene    14137240        14141048        .       -
        .
ID=Smp_247680;geneID=Smp_247680;gene_name=Smp_247680;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    14137240        14141048        .       -
        .
ID=Smp_247680.1;Parent=Smp_247680;geneID=Smp_247680;gene_name=Smp_24
7680;owner=irisadmin@local.host;orig_id=Smp_247680.1;date_last_modif
ied=2022-08-18;Name=Smp_247680.1;product=Elongator complex protein
6;date_creation=2022-08-18
SM_V9_5 iris    exon    14137240        14137438        .       -
        .       Parent=Smp_247680.1;Name=1ba8fe39-ae73-4c51-
a60d-6bef55ed35b4
SM_V9_5 iris    exon    14138782        14139141        .       -
        .       Parent=Smp_247680.1;Name=cc8639d5-d8f2-49eb-a35a-
b616407e8de7
SM_V9_5 iris    exon    14140467        14141048        .       -
        .
Parent=Smp_247680.1;Name=8b02cfe4-6ef1-4ea8-99d8-6aada34193e0
SM_V9_5 iris    CDS     14137304        14137438        .       -
        0       Parent=Smp_247680.1
SM_V9_5 iris    CDS     14138782        14139141        .       -
        0       Parent=Smp_247680.1
SM_V9_5 iris    CDS     14140467        14141012        .       -
        0       Parent=Smp_247680.1
SM_V9_5 Liftoff gene    14143280        14163955        .       -
        .
ID=Smp_247670;geneID=Smp_247670;previous_systematic_id=Smp_160080
SM_V9_5 Liftoff mRNA    14143280        14163955        .       -
        .
ID=Smp_247670.1;Parent=Smp_247670;geneID=Smp_247670;product=Protein
DEFECTIVE IN EXINE FORMATION 1
SM_V9_5 Liftoff exon    14143280        14143969        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14145166        14145318        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14146553        14146581        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14148580        14148853        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14149643        14149784        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14152321        14152607        .       -
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        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14154522        14154767        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14155367        14155660        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14157947        14158063        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14160227        14160328        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff exon    14163211        14163955        .       -
        .       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14143571        14143969        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14145166        14145318        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14146553        14146581        .       -
        2       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14148580        14148853        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14149643        14149784        .       -
        1       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14152321        14152607        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14154522        14154767        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14155367        14155660        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14157947        14158063        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14160227        14160328        .       -
        0       Parent=Smp_247670.1
SM_V9_5 Liftoff CDS     14163211        14163549        .       -
        0       Parent=Smp_247670.1
SM_V9_5 iris    gene    14169569        14183493        .       +
        .
ID=Smp_069770;geneID=Smp_069770;gene_name=Smp_069770;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    14169569        14183493        .       +
        .
ID=Smp_069770.1;Parent=Smp_069770;geneID=Smp_069770;gene_name=Smp_06
9770;owner=irisadmin@local.host;orig_id=Smp_069770.1;date_last_modif
ied=2022-08-18;Name=Smp_069770.1;product=NADH dehydrogenase
[ubiquinone] flavoprotein 2, mitochondrial;date_creation=2022-08-18
SM_V9_5 iris    exon    14169569        14169649        .       +
        .       Parent=Smp_069770.1;Name=808b84f1-d87a-4532-
b9c6-087e3c80f26e
SM_V9_5 iris    exon    14169682        14169747        .       +
        .       Parent=Smp_069770.1;Name=8402ce4d-4b7d-4acc-
ba50-47fc75c56cf2
SM_V9_5 iris    exon    14169785        14169935        .       +
        .       Parent=Smp_069770.1;Name=c7a87ffc-03b4-4417-
b8e1-9e3b81817c56
SM_V9_5 iris    exon    14169976        14170075        .       +
        .       Parent=Smp_069770.1;Name=567e97af-d829-48f3-acda-
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c9c5f7abb1fc
SM_V9_5 iris    exon    14171506        14171609        .       +
        .       Parent=Smp_069770.1;Name=dc22bb2e-
c4bd-4732-8299-21ad59fa05e1
SM_V9_5 iris    exon    14180580        14180689        .       +
        .       Parent=Smp_069770.1;Name=101d49da-8e90-43fa-9c7f-
a1f2098bd4a4
SM_V9_5 iris    exon    14181969        14182045        .       +
        .       Parent=Smp_069770.1;Name=a975b96a-5fd9-47c1-
a2b0-98c79c1012fa
SM_V9_5 iris    exon    14183305        14183493        .       +
        .       Parent=Smp_069770.1;Name=a0ea3f49-f03c-4cc8-9575-
d0cbfb6cb4cc
SM_V9_5 iris    CDS     14169614        14169649        .       +
        0       Parent=Smp_069770.1
SM_V9_5 iris    CDS     14169682        14169747        .       +
        0       Parent=Smp_069770.1
SM_V9_5 iris    CDS     14169785        14169935        .       +
        0       Parent=Smp_069770.1
SM_V9_5 iris    CDS     14169976        14170075        .       +
        2       Parent=Smp_069770.1
SM_V9_5 iris    CDS     14171506        14171609        .       +
        1       Parent=Smp_069770.1
SM_V9_5 iris    CDS     14180580        14180689        .       +
        2       Parent=Smp_069770.1
SM_V9_5 iris    CDS     14181969        14182045        .       +
        0       Parent=Smp_069770.1
SM_V9_5 iris    CDS     14183305        14183407        .       +
        1       Parent=Smp_069770.1
SM_V9_5 Liftoff gene    14184945        14189915        .       -
        .       ID=Smp_069760;geneID=Smp_069760
SM_V9_5 Liftoff mRNA    14184945        14189915        .       -
        .
ID=Smp_069760.1;Parent=Smp_069760;geneID=Smp_069760;product=Armadill
o repeat-containing protein
1;polypeptide_domain=InterPro:IPR006121;Ontology_term=GO:0030001,GO:
0046872
SM_V9_5 Liftoff exon    14184945        14185277        .       -
        .       Parent=Smp_069760.1
SM_V9_5 Liftoff exon    14187664        14187899        .       -
        .       Parent=Smp_069760.1
SM_V9_5 Liftoff exon    14189336        14189611        .       -
        .       Parent=Smp_069760.1
SM_V9_5 Liftoff exon    14189644        14189718        .       -
        .       Parent=Smp_069760.1
SM_V9_5 Liftoff exon    14189766        14189915        .       -
        .       Parent=Smp_069760.1
SM_V9_5 Liftoff CDS     14185058        14185277        .       -
        1       Parent=Smp_069760.1
SM_V9_5 Liftoff CDS     14187664        14187899        .       -
        0       Parent=Smp_069760.1
SM_V9_5 Liftoff CDS     14189336        14189611        .       -
        0       Parent=Smp_069760.1
SM_V9_5 Liftoff CDS     14189644        14189718        .       -
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        0       Parent=Smp_069760.1
SM_V9_5 Liftoff CDS     14189766        14189840        .       -
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SM_V9_5 Liftoff gene    14203357        14270995        .       -
        .       ID=Smp_160070;geneID=Smp_160070
SM_V9_5 Liftoff mRNA    14203357        14270995        .       -
        .
ID=Smp_160070.1;Parent=Smp_160070;geneID=Smp_160070;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    14203357        14204414        .       -
        .       Parent=Smp_160070.1
SM_V9_5 Liftoff exon    14208083        14208424        .       -
        .       Parent=Smp_160070.1
SM_V9_5 Liftoff exon    14211240        14211486        .       -
        .       Parent=Smp_160070.1
SM_V9_5 Liftoff exon    14212145        14212199        .       -
        .       Parent=Smp_160070.1
SM_V9_5 Liftoff exon    14216064        14216199        .       -
        .       Parent=Smp_160070.1
SM_V9_5 Liftoff exon    14223113        14270995        .       -
        .       Parent=Smp_160070.1
SM_V9_5 Liftoff CDS     14203777        14204414        .       -
        2       Parent=Smp_160070.1
SM_V9_5 Liftoff CDS     14208083        14208424        .       -
        2       Parent=Smp_160070.1
SM_V9_5 Liftoff CDS     14211240        14211486        .       -
        0       Parent=Smp_160070.1
SM_V9_5 Liftoff CDS     14212145        14212199        .       -
        1       Parent=Smp_160070.1
SM_V9_5 Liftoff CDS     14216064        14216199        .       -
        2       Parent=Smp_160070.1
SM_V9_5 Liftoff CDS     14223113        14223188        .       -
        0       Parent=Smp_160070.1
SM_V9_5 Liftoff gene    14306189        14400053        .       +
        .
ID=Smp_345140;geneID=Smp_345140;previous_systematic_id=Smp_160060
SM_V9_5 Liftoff mRNA    14306189        14400053        .       +
        .
ID=Smp_345140.1;Parent=Smp_345140;geneID=Smp_345140;product=Protein
KIAA0100;polypeptide_domain=InterPro:IPR019441,IPR019443
Pfam:PF10347,PF10351
SM_V9_5 Liftoff exon    14306189        14306463        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14306496        14306619        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14306654        14306703        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14306738        14306888        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14308491        14308780        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14311168        14311442        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14313077        14313506        .       +
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SM_V9_5 Liftoff exon    14313993        14314317        .       +
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SM_V9_5 Liftoff exon    14316040        14316288        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14317344        14317685        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14321326        14321431        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14322133        14322395        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14323285        14323540        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14325329        14325702        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14326979        14327110        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14328026        14328436        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14330329        14330417        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14331887        14331956        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14334268        14334525        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14336067        14336126        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14338299        14338392        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14339634        14339844        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14340436        14340611        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14341493        14341591        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14344150        14344419        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14346510        14346609        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14348528        14348624        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14350685        14350834        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14352167        14352258        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14352715        14353186        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14353634        14354182        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14355639        14355943        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14359033        14359474        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14360506        14360610        .       +
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        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14365820        14366044        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14367617        14368093        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14368973        14369062        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14370304        14370372        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14371827        14372131        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14374736        14374986        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14377648        14377910        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14379488        14379667        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14380657        14380797        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14382728        14382854        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14385211        14385345        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14386613        14387093        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14388648        14389059        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14392991        14393062        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14395639        14395779        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14397956        14398288        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff exon    14399613        14400053        .       +
        .       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14306363        14306463        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14306496        14306619        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14306654        14306703        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14306738        14306888        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14308491        14308780        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14311168        14311442        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14313077        14313506        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14313993        14314317        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14316040        14316288        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14317344        14317685        .       +
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        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14321326        14321431        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14322133        14322395        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14323285        14323540        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14325329        14325702        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14326979        14327110        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14328026        14328436        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14330329        14330417        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14331887        14331956        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14334268        14334525        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14336067        14336126        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14338299        14338392        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14339634        14339844        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14340436        14340611        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14341493        14341591        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14344150        14344419        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14346510        14346609        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14348528        14348624        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14350685        14350834        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14352167        14352258        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14352715        14353186        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14353634        14354182        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14355639        14355943        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14359033        14359474        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14360506        14360610        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14365820        14366044        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14367617        14368093        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14368973        14369062        .       +
```

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        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14370304        14370372        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14371827        14372131        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14374736        14374986        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14377648        14377910        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14379488        14379667        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14380657        14380797        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14382728        14382854        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14385211        14385345        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14386613        14387093        .       +
        2       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14388648        14389059        .       +
        1       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14392991        14393062        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14395639        14395779        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14397956        14398288        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff CDS     14399613        14399663        .       +
        0       Parent=Smp_345140.1
SM_V9_5 Liftoff gene    14422820        14427256        .       -
        .       ID=Smp_069720;geneID=Smp_069720
SM_V9_5 Liftoff mRNA    14422820        14427256        .       -
        .
ID=Smp_069720.1;Parent=Smp_069720;geneID=Smp_069720;product=Protocad
herin gamma-
A10;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894;Ontolo
gy_term=GO:0005509,GO:0005886,GO:0007155,GO:0007156,GO:0016020
SM_V9_5 Liftoff exon    14422820        14427256        .       -
        .       Parent=Smp_069720.1
SM_V9_5 Liftoff CDS     14423288        14427097        .       -
        0       Parent=Smp_069720.1
SM_V9_5 Liftoff gene    14490717        14494625        .       +
        .
ID=Smp_345130;geneID=Smp_345130;previous_systematic_id=Smp_160050
SM_V9_5 Liftoff mRNA    14490717        14494625        .       +
        .
ID=Smp_345130.1;Parent=Smp_345130;geneID=Smp_345130;product=Receptor
-type tyrosine-protein phosphatase F
SM_V9_5 Liftoff exon    14490717        14494625        .       +
        .       Parent=Smp_345130.1
SM_V9_5 Liftoff CDS     14494199        14494597        .       +
        0       Parent=Smp_345130.1
SM_V9_5 iris    gene    14526736        14699783        .       -
        .
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ID=Smp_343680;geneID=Smp_343680;gene_name=Smp_343680;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-07-29
SM_V9_5 iris    mRNA    14526736        14699783        .       -
       .
ID=Smp_343680.1;Parent=Smp_343680;geneID=Smp_343680;gene_name=Smp_34
3680;owner=irisadmin@local.host;orig_id=Smp_343680.2;date_last_modif
ied=2022-08-30;Name=Smp_343680.1;product=Receptor-type tyrosine-
protein phosphatase delta;date_creation=2022-07-29
SM_V9_5 iris    exon    14526736        14528221        .       -
       .       Parent=Smp_343680.1;Name=b15154c0-3461-4548-
a973-62e74ff19f97
SM_V9_5 iris    exon    14530161        14530660        .       -
       .
Parent=Smp_343680.1;Name=c7cb9913-83bd-4a5b-86b9-5e00d1d96905
SM_V9_5 iris    exon    14532557        14532826        .       -
       .       Parent=Smp_343680.1;Name=2017e59f-d192-44aa-9e57-
e7fbc007fe3c
SM_V9_5 iris    exon    14535802        14536373        .       -
       .       Parent=Smp_343680.1;Name=651180cf-ab1a-4b47-a248-
f85ec5e8c232
SM_V9_5 iris    exon    14537778        14537947        .       -
       .       Parent=Smp_343680.1;Name=196d7fee-53f1-4f0d-
a40a-6673a6981140
SM_V9_5 iris    exon    14539689        14539782        .       -
       .       Parent=Smp_343680.1;Name=054b1bf5-1651-443e-
b8bc-7da798d66fc2
SM_V9_5 iris    exon    14541358        14541802        .       -
       .       Parent=Smp_343680.1;Name=bfc0f6eb-63bb-4e85-b8ec-
f019bd22b9f2
SM_V9_5 iris    exon    14542613        14542917        .       -
       .       Parent=Smp_343680.1;Name=a5fe19dd-7313-4388-
b913-865482a12416
SM_V9_5 iris    exon    14544082        14545173        .       -
       .       Parent=Smp_343680.1;Name=ee9457db-6d61-4a41-81e3-
ac149f42bbbf
SM_V9_5 iris    exon    14547670        14547916        .       -
       .       Parent=Smp_343680.1;Name=36ebfe9f-813c-4e0c-ad1f-
b9da2f998d5a
SM_V9_5 iris    exon    14549973        14550403        .       -
       .       Parent=Smp_343680.1;Name=2ae673f1-f31b-4ff0-8ffd-
a1766523133b
SM_V9_5 iris    exon    14552776        14553043        .       -
       .
Parent=Smp_343680.1;Name=255ac4e7-01fe-400d-8cb1-354a2cbe9776
SM_V9_5 iris    exon    14554180        14554437        .       -
       .       Parent=Smp_343680.1;Name=fe8d2982-2042-4237-
b271-37f77e01a5d8
SM_V9_5 iris    exon    14557087        14557343        .       -
       .       Parent=Smp_343680.1;Name=beb88d87-fc1c-444a-
a9bd-90f3724e5c85
SM_V9_5 iris    exon    14559457        14559951        .       -
       .       Parent=Smp_343680.1;Name=bd1c68fb-6030-4e0c-91ab-
b9a41dffa3ce
SM_V9_5 iris    exon    14562356        14562448        .       -
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        .       Parent=Smp_343680.1;Name=c0c3b532-2f71-4eb3-
a40b-923c57140621
SM_V9_5 iris    exon    14564741        14565190        .       -
        .
Parent=Smp_343680.1;Name=68fb1260-7a49-4b66-8eb4-7d3e70fda6dc
SM_V9_5 iris    exon    14571060        14571369        .       -
        .       Parent=Smp_343680.1;Name=7c449454-2105-48d9-
aa24-3e5405a7a40e
SM_V9_5 iris    exon    14573087        14573244        .       -
        .       Parent=Smp_343680.1;Name=607a7d10-ef18-4496-
a7ea-6f4d41806f14
SM_V9_5 iris    exon    14575097        14575483        .       -
        .
Parent=Smp_343680.1;Name=1ec9f583-969e-4afa-9400-379c413f51dc
SM_V9_5 iris    exon    14580614        14580884        .       -
        .       Parent=Smp_343680.1;Name=430a3532-09ce-4f37-
abab-634a96f44cec
SM_V9_5 iris    exon    14582051        14582151        .       -
        .       Parent=Smp_343680.1;Name=aa527afb-
cce6-4373-9e17-7a0566302c6b
SM_V9_5 iris    exon    14590691        14590994        .       -
        .
Parent=Smp_343680.1;Name=0a95a206-80db-45e1-83bb-03ff19f15141
SM_V9_5 iris    exon    14591544        14591779        .       -
        .       Parent=Smp_343680.1;Name=4f5ea3de-659b-403e-9ab7-
b68698925baf
SM_V9_5 iris    exon    14593460        14593738        .       -
        .
Parent=Smp_343680.1;Name=4a3411e5-5d1d-4def-858a-9f2e731bddde
SM_V9_5 iris    exon    14596307        14596345        .       -
        .       Parent=Smp_343680.1;Name=e68a05d7-ebfa-4b68-
a262-13ca4091fa9e
SM_V9_5 iris    exon    14602322        14602438        .       -
        .       Parent=Smp_343680.1;Name=b8b339e8-6e6e-4c16-
b044-404ace344f8b
SM_V9_5 iris    exon    14616635        14616805        .       -
        .       Parent=Smp_343680.1;Name=6d940a35-ac1c-47a2-a11f-
e15c3d784f0e
SM_V9_5 iris    exon    14628716        14628899        .       -
        .       Parent=Smp_343680.1;Name=5efe408f-8fa6-4cae-8de7-
ca5737d1aef8
SM_V9_5 iris    exon    14631291        14631400        .       -
        .
Parent=Smp_343680.1;Name=f46b0e2b-67ca-47e0-8960-2379c5fca858
SM_V9_5 iris    exon    14640332        14640403        .       -
        .       Parent=Smp_343680.1;Name=3bd9a427-b2b8-451a-95e3-
bfd7203bc5c6
SM_V9_5 iris    exon    14640448        14640684        .       -
        .       Parent=Smp_343680.1;Name=1287b5fd-02d3-4489-
b149-7bed008113a6
SM_V9_5 iris    exon    14699384        14699783        .       -
        .
Parent=Smp_343680.1;Name=0556b7e9-6938-4776-85db-36b995c3dc1e
SM_V9_5 iris    CDS     14528017        14528221        .       -
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        1       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14530161        14530660        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14532557        14532826        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14535802        14536373        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14537778        14537947        .       -
        1       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14539689        14539782        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14541358        14541802        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14542613        14542917        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14544082        14545173        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14547670        14547916        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14549973        14550403        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14552776        14553043        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14554180        14554437        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14557087        14557343        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14559457        14559951        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14562356        14562448        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14564741        14565190        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14571060        14571369        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14573087        14573244        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14575097        14575483        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14580614        14580884        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14582051        14582151        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14590691        14590994        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14591544        14591779        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14593460        14593738        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14596307        14596345        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14602322        14602438        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14616635        14616805        .       -
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        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14628716        14628899        .       -
        0       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14631291        14631400        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14640332        14640403        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14640448        14640684        .       -
        2       Parent=Smp_343680.1
SM_V9_5 iris    CDS     14699384        14699564        .       -
        0       Parent=Smp_343680.1
SM_V9_5 Liftoff gene    14704449        14704604        .       -
        .       ID=Smp_204820;geneID=Smp_204820
SM_V9_5 Liftoff mRNA    14704449        14704604        .       -
        .
ID=Smp_204820.1;Parent=Smp_204820;geneID=Smp_204820;product=ATP
synthase subunit alpha 2
SM_V9_5 Liftoff exon    14704449        14704604        .       -
        .       Parent=Smp_204820.1
SM_V9_5 Liftoff CDS     14704449        14704604        .       -
        0       Parent=Smp_204820.1
SM_V9_5 Liftoff gene    14802701        14802952        .       +
        .       ID=Smp_095400;geneID=Smp_095400
SM_V9_5 Liftoff mRNA    14802701        14802952        .       +
        .
ID=Smp_095400.1;Parent=Smp_095400;geneID=Smp_095400;product=Benzoylf
ormate decarboxylase
SM_V9_5 Liftoff exon    14802701        14802952        .       +
        .       Parent=Smp_095400.1
SM_V9_5 Liftoff CDS     14802701        14802952        .       +
        0       Parent=Smp_095400.1
SM_V9_5 iris    gene    14883943        14892215        .       -
        .
ID=Smp_095410;geneID=Smp_095410;gene_name=Smp_095410;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    14883943        14892215        .       -
        .
ID=Smp_095410.1;Parent=Smp_095410;geneID=Smp_095410;gene_name=Smp_09
5410;owner=irisadmin@local.host;orig_id=Smp_095410.1;date_last_modif
ied=2022-08-18;Name=Smp_095410.1;product=Magnesium-dependent
phosphatase 1;date_creation=2022-08-18
SM_V9_5 iris    exon    14883943        14884216        .       -
        .       Parent=Smp_095410.1;Name=60a26361-761c-406b-
b725-5a5329d9ed2e
SM_V9_5 iris    exon    14885782        14885889        .       -
        .
Parent=Smp_095410.1;Name=ee5d0a03-6570-4b2e-8813-5dd9f780187c
SM_V9_5 iris    exon    14891398        14891442        .       -
        .
Parent=Smp_095410.1;Name=c8b53134-1d8c-41fc-8157-242e07dade37
SM_V9_5 iris    exon    14891489        14891557        .       -
        .       Parent=Smp_095410.1;Name=07f8646a-4146-43ea-8b8a-
c9dd73142725
SM_V9_5 iris    exon    14891602        14891659        .       -
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        .       Parent=Smp_095410.1;Name=ca78a6ea-
a4d0-45d0-845a-228514813084
SM_V9_5 iris    exon    14891694        14891766        .       -
        .
Parent=Smp_095410.1;Name=429489ed-1a30-467c-8b85-51c3927f5432
SM_V9_5 iris    exon    14891805        14892215        .       -
        .       Parent=Smp_095410.1;Name=e36ffd8b-a7ff-4d5b-9193-
b7eb4553d55f
SM_V9_5 iris    CDS     14884027        14884216        .       -
        1       Parent=Smp_095410.1
SM_V9_5 iris    CDS     14885782        14885889        .       -
        1       Parent=Smp_095410.1
SM_V9_5 iris    CDS     14891398        14891442        .       -
        1       Parent=Smp_095410.1
SM_V9_5 iris    CDS     14891489        14891557        .       -
        1       Parent=Smp_095410.1
SM_V9_5 iris    CDS     14891602        14891659        .       -
        2       Parent=Smp_095410.1
SM_V9_5 iris    CDS     14891694        14891757        .       -
        0       Parent=Smp_095410.1
SM_V9_5 Liftoff gene    14906577        14924655        .       +
        .       ID=Smp_174490;geneID=Smp_174490
SM_V9_5 Liftoff mRNA    14906577        14924655        .       +
        .
ID=Smp_174490.1;Parent=Smp_174490;geneID=Smp_174490;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR029382 Pfam:PF15065
SM_V9_5 Liftoff exon    14906577        14908166        .       +
        .       Parent=Smp_174490.1
SM_V9_5 Liftoff exon    14908213        14908464        .       +
        .       Parent=Smp_174490.1
SM_V9_5 Liftoff exon    14908508        14908708        .       +
        .       Parent=Smp_174490.1
SM_V9_5 Liftoff exon    14916266        14916502        .       +
        .       Parent=Smp_174490.1
SM_V9_5 Liftoff exon    14920969        14921306        .       +
        .       Parent=Smp_174490.1
SM_V9_5 Liftoff exon    14923843        14924655        .       +
        .       Parent=Smp_174490.1
SM_V9_5 Liftoff CDS     14908086        14908166        .       +
        0       Parent=Smp_174490.1
SM_V9_5 Liftoff CDS     14908213        14908464        .       +
        0       Parent=Smp_174490.1
SM_V9_5 Liftoff CDS     14908508        14908708        .       +
        0       Parent=Smp_174490.1
SM_V9_5 Liftoff CDS     14916266        14916502        .       +
        0       Parent=Smp_174490.1
SM_V9_5 Liftoff CDS     14920969        14921306        .       +
        0       Parent=Smp_174490.1
SM_V9_5 Liftoff CDS     14923843        14924305        .       +
        1       Parent=Smp_174490.1
SM_V9_5 Liftoff gene    14933718        14958843        .       -
        .
ID=Smp_336210;geneID=Smp_336210;previous_systematic_id=Smp_174500
SM_V9_5 Liftoff mRNA    14933718        14958843        .       -
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        .
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brane matrix receptor MUP-4;polypeptide_domain=InterPro:IPR000082
SM_V9_5 Liftoff exon    14933718        14934006        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14935795        14935941        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14937973        14938258        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14941494        14941624        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14943906        14944031        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14945913        14946077        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14946950        14947238        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14947865        14947995        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff exon    14957713        14958843        .       -
        .       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14933867        14934006        .       -
        2       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14935795        14935941        .       -
        2       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14937973        14938258        .       -
        0       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14941494        14941624        .       -
        2       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14943906        14944031        .       -
        2       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14945913        14946077        .       -
        2       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14946950        14947238        .       -
        0       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14947865        14947995        .       -
        2       Parent=Smp_336210.1
SM_V9_5 Liftoff CDS     14957713        14957758        .       -
        0       Parent=Smp_336210.1
SM_V9_5 iris    gene    15041942        15043914        .       -
        .
ID=Smp_330510;geneID=Smp_330510;gene_name=Smp_330510;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    15041942        15043914        .       -
        .
ID=Smp_330510.1;Parent=Smp_330510;geneID=Smp_330510;gene_name=Smp_33
0510;owner=irisadmin@local.host;orig_id=Smp_330510.1;date_last_modif
ied=2022-08-01;Name=Smp_330510.1;product=Hypothetical
protein;date_creation=2022-07-29
SM_V9_5 iris    exon    15041942        15042537        .       -
        .       Parent=Smp_330510.1;Name=090ec976-a919-42df-b44b-
a94b85467cf7
SM_V9_5 iris    exon    15043455        15043914        .       -
        .
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Parent=Smp_330510.1;Name=61075322-869d-46af-8063-737410c27724
SM_V9_5 iris    CDS     15042068        15042537        .       -
        2       Parent=Smp_330510.1
SM_V9_5 iris    CDS     15043455        15043707        .       -
        0       Parent=Smp_330510.1
SM_V9_5 Liftoff gene    15083369        15115864        .       -
        .       ID=Smp_330520;geneID=Smp_330520
SM_V9_5 Liftoff mRNA    15083369        15115864        .       -
        .
ID=Smp_330520.1;Parent=Smp_330520;geneID=Smp_330520;product=Cysteine
/serine-rich nuclear protein 3
SM_V9_5 Liftoff exon    15083369        15083938        .       -
        .       Parent=Smp_330520.1
SM_V9_5 Liftoff exon    15085354        15085642        .       -
        .       Parent=Smp_330520.1
SM_V9_5 Liftoff exon    15113611        15115864        .       -
        .       Parent=Smp_330520.1
SM_V9_5 Liftoff CDS     15083931        15083938        .       -
        2       Parent=Smp_330520.1
SM_V9_5 Liftoff CDS     15085354        15085642        .       -
        0       Parent=Smp_330520.1
SM_V9_5 Liftoff CDS     15113611        15113616        .       -
        0       Parent=Smp_330520.1
SM_V9_5 Liftoff gene    15177612        15196768        .       +
        .
ID=Smp_347400;geneID=Smp_347400;previous_systematic_id=Smp_173890,Sm
p_181500,Smp_199760,Smp_212500
SM_V9_5 Liftoff mRNA    15177612        15196768        .       +
        .
ID=Smp_347400.1;Parent=Smp_347400;geneID=Smp_347400;product=E3
ubiquitin-protein ligase
ZNF598;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR013087
Pfam:PF13920;Ontology_term=GO:0003676
SM_V9_5 Liftoff exon    15177612        15177843        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15177882        15178118        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15178153        15178355        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15179808        15180064        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15183974        15184336        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15184730        15184843        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15186837        15187213        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15189092        15189475        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15192345        15192567        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15194479        15194711        .       +
        .       Parent=Smp_347400.1
SM_V9_5 Liftoff exon    15196097        15196768        .       +
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        .       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15177658        15177843        .       +
        0       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15177882        15178118        .       +
        0       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15178153        15178355        .       +
        0       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15179808        15180064        .       +
        1       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15183974        15184336        .       +
        2       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15184730        15184843        .       +
        2       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15186837        15187213        .       +
        2       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15189092        15189475        .       +
        0       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15192345        15192567        .       +
        0       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15194479        15194711        .       +
        2       Parent=Smp_347400.1
SM_V9_5 Liftoff CDS     15196097        15196165        .       +
        0       Parent=Smp_347400.1
SM_V9_5 iris    gene    15198082        15210324        .       +
        .
ID=Smp_243300;geneID=Smp_243300;gene_name=Smp_243300;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    15198082        15210324        .       +
        .
ID=Smp_243300.1;Parent=Smp_243300;geneID=Smp_243300;gene_name=Smp_24
3300;owner=irisadmin@local.host;orig_id=Smp_243300.1;date_last_modif
ied=2022-07-17;Name=Smp_243300.1;product=Suppressor of SWI4 1
homolog;date_creation=2022-07-17
SM_V9_5 iris    exon    15198082        15198481        .       +
        .
Parent=Smp_243300.1;Name=4238cc7d-25e0-48cb-8bb7-13dbee04e89b
SM_V9_5 iris    exon    15199370        15199677        .       +
        .       Parent=Smp_243300.1;Name=013a8c7f-
c7c9-4323-81d5-16f09c00c94c
SM_V9_5 iris    exon    15200273        15200619        .       +
        .       Parent=Smp_243300.1;Name=765e503c-
bafa-4e5f-8354-2118054bf538
SM_V9_5 iris    exon    15202292        15202535        .       +
        .       Parent=Smp_243300.1;Name=d8cf3e55-e8a7-498c-aa51-
ac73380a0c1a
SM_V9_5 iris    exon    15207286        15207652        .       +
        .
Parent=Smp_243300.1;Name=531571e6-08bf-4f33-8c7b-41cc32cdb45a
SM_V9_5 iris    exon    15210171        15210324        .       +
        .       Parent=Smp_243300.1;Name=c8b3a780-7a50-46b0-9419-
b8a75acd6462
SM_V9_5 iris    CDS     15198118        15198481        .       +
        0       Parent=Smp_243300.1
SM_V9_5 iris    CDS     15199370        15199677        .       +
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        2       Parent=Smp_243300.1
SM_V9_5 iris    CDS     15200273        15200619        .       +
        0       Parent=Smp_243300.1
SM_V9_5 iris    CDS     15202292        15202535        .       +
        1       Parent=Smp_243300.1
SM_V9_5 iris    CDS     15207286        15207652        .       +
        0       Parent=Smp_243300.1
SM_V9_5 iris    CDS     15210171        15210202        .       +
        2       Parent=Smp_243300.1
SM_V9_5 Liftoff gene    15233942        15248856        .       +
        .       ID=Smp_330530;geneID=Smp_330530
SM_V9_5 Liftoff mRNA    15233942        15248856        .       +
        .
ID=Smp_330530.1;Parent=Smp_330530;geneID=Smp_330530;product=Formin-
like protein 12
SM_V9_5 Liftoff exon    15233942        15235689        .       +
        .       Parent=Smp_330530.1
SM_V9_5 Liftoff exon    15238480        15238610        .       +
        .       Parent=Smp_330530.1
SM_V9_5 Liftoff exon    15241047        15241329        .       +
        .       Parent=Smp_330530.1
SM_V9_5 Liftoff exon    15248238        15248856        .       +
        .       Parent=Smp_330530.1
SM_V9_5 Liftoff CDS     15235587        15235689        .       +
        0       Parent=Smp_330530.1
SM_V9_5 Liftoff CDS     15238480        15238610        .       +
        2       Parent=Smp_330530.1
SM_V9_5 Liftoff CDS     15241047        15241329        .       +
        0       Parent=Smp_330530.1
SM_V9_5 Liftoff CDS     15248238        15248290        .       +
        2       Parent=Smp_330530.1
SM_V9_5 Liftoff gene    15269240        15290794        .       +
        .       ID=Smp_330540;geneID=Smp_330540
SM_V9_5 Liftoff mRNA    15269240        15290794        .       +
        .
ID=Smp_330540.1;Parent=Smp_330540;geneID=Smp_330540;product=Protein
CgeB
SM_V9_5 Liftoff exon    15269240        15269607        .       +
        .       Parent=Smp_330540.1
SM_V9_5 Liftoff exon    15283528        15283655        .       +
        .       Parent=Smp_330540.1
SM_V9_5 Liftoff exon    15284362        15284650        .       +
        .       Parent=Smp_330540.1
SM_V9_5 Liftoff exon    15290687        15290794        .       +
        .       Parent=Smp_330540.1
SM_V9_5 Liftoff CDS     15269598        15269607        .       +
        0       Parent=Smp_330540.1
SM_V9_5 Liftoff CDS     15283528        15283655        .       +
        2       Parent=Smp_330540.1
SM_V9_5 Liftoff CDS     15284362        15284650        .       +
        0       Parent=Smp_330540.1
SM_V9_5 Liftoff CDS     15290687        15290739        .       +
        2       Parent=Smp_330540.1
SM_V9_5 Liftoff gene    15309310        15335804        .       +
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        .
ID=Smp_333340;geneID=Smp_333340;previous_systematic_id=Smp_121070,Sm
p_205630
SM_V9_5 Liftoff mRNA    15309310        15335804        .       +
        .
ID=Smp_333340.1;Parent=Smp_333340;geneID=Smp_333340;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    15309310        15309477        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15310761        15311024        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15312646        15312909        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15314531        15314794        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15316416        15316679        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15319668        15319931        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15321099        15321362        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15325537        15325794        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15327580        15327710        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15328840        15329122        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15331950        15332096        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff exon    15335627        15335804        .       +
        .       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15309438        15309477        .       +
        0       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15310761        15311024        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15312646        15312909        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15314531        15314794        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15316416        15316679        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15319668        15319931        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15321099        15321362        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15325537        15325794        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15327580        15327710        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15328840        15329122        .       +
        0       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15331950        15332096        .       +
        2       Parent=Smp_333340.1
SM_V9_5 Liftoff CDS     15335627        15335754        .       +
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        2       Parent=Smp_333340.1
SM_V9_5 Liftoff mRNA    15309310        15335804        .       +
        .
ID=Smp_333340.2;Parent=Smp_333340;geneID=Smp_333340;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    15309310        15309477        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15310761        15311024        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15312646        15312909        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15314531        15314794        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15316416        15316679        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15319668        15319931        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15321099        15321362        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15322984        15323247        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15325537        15325794        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15327580        15327710        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15328840        15329122        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15331950        15332096        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff exon    15335627        15335804        .       +
        .       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15309438        15309477        .       +
        0       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15310761        15311024        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15312646        15312909        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15314531        15314794        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15316416        15316679        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15319668        15319931        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15321099        15321362        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15322984        15323247        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15325537        15325794        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15327580        15327710        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15328840        15329122        .       +
        0       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15331950        15332096        .       +
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        2       Parent=Smp_333340.2
SM_V9_5 Liftoff CDS     15335627        15335754        .       +
        2       Parent=Smp_333340.2
SM_V9_5 Liftoff gene    15339587        15356366        .       -
        .       ID=Smp_330550;geneID=Smp_330550
SM_V9_5 Liftoff mRNA    15339587        15356366        .       -
        .
ID=Smp_330550.1;Parent=Smp_330550;geneID=Smp_330550;product=Potassiu
m voltage-gated channel subfamily E member 3
SM_V9_5 Liftoff exon    15339587        15340057        .       -
        .       Parent=Smp_330550.1
SM_V9_5 Liftoff exon    15342873        15356366        .       -
        .       Parent=Smp_330550.1
SM_V9_5 Liftoff CDS     15339927        15340057        .       -
        2       Parent=Smp_330550.1
SM_V9_5 Liftoff CDS     15342873        15343002        .       -
        0       Parent=Smp_330550.1
SM_V9_5 Liftoff gene    15356520        15363534        .       +
        .       ID=Smp_330570;geneID=Smp_330570
SM_V9_5 Liftoff mRNA    15356520        15363534        .       +
        .
ID=Smp_330570.1;Parent=Smp_330570;geneID=Smp_330570;product=TGACG-
sequence-specific DNA-binding protein TGA-1A
SM_V9_5 Liftoff exon    15356520        15361686        .       +
        .       Parent=Smp_330570.1
SM_V9_5 Liftoff exon    15363409        15363534        .       +
        .       Parent=Smp_330570.1
SM_V9_5 Liftoff CDS     15361521        15361686        .       +
        0       Parent=Smp_330570.1
SM_V9_5 Liftoff CDS     15363409        15363500        .       +
        2       Parent=Smp_330570.1
SM_V9_5 Liftoff gene    15468085        15508251        .       +
        .
ID=Smp_327560;geneID=Smp_327560;previous_systematic_id=Smp_179220,Sm
p_179230,Smp_179340,Smp_205750
SM_V9_5 Liftoff mRNA    15468085        15508251        .       +
        .
ID=Smp_327560.1;Parent=Smp_327560;geneID=Smp_327560;product=Protein
disulfide-isomerase
TMX3;polypeptide_domain=InterPro:IPR012336,IPR013766
Pfam:PF00085;Ontology_term=GO:0045454
SM_V9_5 Liftoff exon    15468085        15473047        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15473082        15473130        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15473176        15473215        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15473253        15473422        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15474691        15474771        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15477147        15477258        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15484290        15484367        .       +
```

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        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15491673        15491769        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15494181        15494508        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15499757        15499810        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15502064        15502271        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15503847        15503915        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15505770        15506154        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff exon    15507814        15508251        .       +
        .       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15473014        15473047        .       +
        0       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15473082        15473130        .       +
        2       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15473176        15473215        .       +
        1       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15473253        15473422        .       +
        0       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15474691        15474771        .       +
        1       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15477147        15477258        .       +
        1       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15484290        15484367        .       +
        0       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15491673        15491769        .       +
        0       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15494181        15494508        .       +
        2       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15499757        15499810        .       +
        1       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15502064        15502271        .       +
        1       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15503847        15503915        .       +
        0       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15505770        15506154        .       +
        0       Parent=Smp_327560.1
SM_V9_5 Liftoff CDS     15507814        15507887        .       +
        2       Parent=Smp_327560.1
SM_V9_5 Liftoff gene    15542743        15632037        .       +
        .       ID=Smp_156960;geneID=Smp_156960
SM_V9_5 Liftoff mRNA    15542743        15632037        .       +
        .
ID=Smp_156960.1;Parent=Smp_156960;geneID=Smp_156960;product=Nardilys
in;polypeptide_domain=InterPro:IPR007863,IPR011249,IPR011765,IPR0326
32 Pfam:PF00675,PF05193,PF16187;Ontology_term=GO:0003824,GO:0046872
SM_V9_5 Liftoff exon    15542743        15542881        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15548448        15548535        .       +
        .       Parent=Smp_156960.1
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SM_V9_5 Liftoff exon    15560979        15561060        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15565832        15566047        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15573407        15573502        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15575442        15575564        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15577017        15577074        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15579664        15579737        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15582460        15582529        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15588602        15588679        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15591506        15591626        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15594290        15594592        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15596146        15596275        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15597112        15597195        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15597930        15597970        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15598687        15598783        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15600219        15600270        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15602004        15602087        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15606382        15606448        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15612765        15612889        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15615820        15615979        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15617713        15617784        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15619392        15619535        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15623662        15623907        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15626247        15626360        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15628831        15628926        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff exon    15631568        15632037        .       +
        .       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15542802        15542881        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15548448        15548535        .       +
        1       Parent=Smp_156960.1
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SM_V9_5 Liftoff CDS     15560979        15561060        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15565832        15566047        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15573407        15573502        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15575442        15575564        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15577017        15577074        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15579664        15579737        .       +
        1       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15582460        15582529        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15588602        15588679        .       +
        1       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15591506        15591626        .       +
        1       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15594290        15594592        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15596146        15596275        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15597112        15597195        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15597930        15597970        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15598687        15598783        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15600219        15600270        .       +
        2       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15602004        15602087        .       +
        1       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15606382        15606448        .       +
        1       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15612765        15612889        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15615820        15615979        .       +
        1       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15617713        15617784        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15619392        15619535        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15623662        15623907        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15626247        15626360        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15628831        15628926        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff CDS     15631568        15631786        .       +
        0       Parent=Smp_156960.1
SM_V9_5 Liftoff gene    15638383        15652762        .       +
        .       ID=Smp_156950;geneID=Smp_156950
SM_V9_5 Liftoff mRNA    15638383        15652762        .       +
        .
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ID=Smp_156950.1;Parent=Smp_156950;geneID=Smp_156950;product=RalBP1-
associated Eps domain-containing protein
2;polypeptide_domain=InterPro:IPR000261,IPR002048,IPR011992,IPR01824
7 Pfam:PF12763;Ontology_term=GO:0005509,GO:0005515
SM_V9_5 Liftoff exon    15638383        15639043        .       +
        .       Parent=Smp_156950.1
SM_V9_5 Liftoff exon    15641175        15641380        .       +
        .       Parent=Smp_156950.1
SM_V9_5 Liftoff exon    15643101        15643513        .       +
        .       Parent=Smp_156950.1
SM_V9_5 Liftoff exon    15645525        15646161        .       +
        .       Parent=Smp_156950.1
SM_V9_5 Liftoff exon    15647772        15648200        .       +
        .       Parent=Smp_156950.1
SM_V9_5 Liftoff exon    15649801        15649847        .       +
        .       Parent=Smp_156950.1
SM_V9_5 Liftoff exon    15651393        15652762        .       +
        .       Parent=Smp_156950.1
SM_V9_5 Liftoff CDS     15638941        15639043        .       +
        0       Parent=Smp_156950.1
SM_V9_5 Liftoff CDS     15641175        15641380        .       +
        2       Parent=Smp_156950.1
SM_V9_5 Liftoff CDS     15643101        15643513        .       +
        0       Parent=Smp_156950.1
SM_V9_5 Liftoff CDS     15645525        15646161        .       +
        1       Parent=Smp_156950.1
SM_V9_5 Liftoff CDS     15647772        15648200        .       +
        0       Parent=Smp_156950.1
SM_V9_5 Liftoff CDS     15649801        15649847        .       +
        0       Parent=Smp_156950.1
SM_V9_5 Liftoff CDS     15651393        15651612        .       +
        1       Parent=Smp_156950.1
SM_V9_5 iris    gene    15654288        15660164        .       -
        .
ID=Smp_213620;geneID=Smp_213620;gene_name=Smp_213620;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    15654288        15660164        .       -
        .
ID=Smp_213620.1;Parent=Smp_213620;geneID=Smp_213620;gene_name=Smp_21
3620;owner=irisadmin@local.host;orig_id=Smp_213620.1;date_last_modif
ied=2022-08-18;Name=Smp_213620.1;product=Cytochrome P450 2C12,
female-specific;date_creation=2022-08-18
SM_V9_5 iris    exon    15654288        15654808        .       -
        .       Parent=Smp_213620.1;Name=0a0fe912-
d378-4e23-9db2-8c804c86fb2f
SM_V9_5 iris    exon    15657600        15657702        .       -
        .
Parent=Smp_213620.1;Name=e33b5dcc-80c2-4620-8bf7-2d568494f9d1
SM_V9_5 iris    exon    15659942        15660164        .       -
        .       Parent=Smp_213620.1;Name=398fcbb3-4603-4711-
baad-99c8d597619a
SM_V9_5 iris    CDS     15654713        15654808        .       -
        0       Parent=Smp_213620.1
SM_V9_5 iris    CDS     15657600        15657702        .       -
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        1       Parent=Smp_213620.1
SM_V9_5 iris    CDS     15659942        15660093        .       -
        0       Parent=Smp_213620.1
SM_V9_5 iris    gene    15665135        15678185        .       -
        .
ID=Smp_213630;geneID=Smp_213630;gene_name=Smp_213630;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    15665135        15678185        .       -
        .
ID=Smp_213630.1;Parent=Smp_213630;geneID=Smp_213630;gene_name=Smp_21
3630;owner=irisadmin@local.host;orig_id=Smp_213630.1;date_last_modif
ied=2022-08-18;Name=Smp_213630.1;product=WD repeat-containing
protein JIP5;date_creation=2022-08-18
SM_V9_5 iris    exon    15665135        15665907        .       -
        .       Parent=Smp_213630.1;Name=c7a5dc75-
de3e-4acd-98dc-85a20b8ff0a2
SM_V9_5 iris    exon    15668397        15668553        .       -
        .       Parent=Smp_213630.1;Name=27d747be-
f174-4be8-9c64-47e90ce2e9c2
SM_V9_5 iris    exon    15669561        15669847        .       -
        .
Parent=Smp_213630.1;Name=f328ecbf-33c8-401e-8220-1d18d412d910
SM_V9_5 iris    exon    15674237        15674356        .       -
        .       Parent=Smp_213630.1;Name=aa58ca2c-c49d-423a-a958-
f252def65fc5
SM_V9_5 iris    exon    15675830        15676107        .       -
        .       Parent=Smp_213630.1;Name=1e816dd2-
dc54-4345-96d1-3667e0d18b57
SM_V9_5 iris    exon    15677794        15678185        .       -
        .       Parent=Smp_213630.1;Name=e07ae7c6-08e6-4cb5-851d-
cabb9ff4cba3
SM_V9_5 iris    CDS     15665434        15665907        .       -
        0       Parent=Smp_213630.1
SM_V9_5 iris    CDS     15668397        15668553        .       -
        1       Parent=Smp_213630.1
SM_V9_5 iris    CDS     15669561        15669847        .       -
        0       Parent=Smp_213630.1
SM_V9_5 iris    CDS     15674237        15674356        .       -
        0       Parent=Smp_213630.1
SM_V9_5 iris    CDS     15675830        15676107        .       -
        2       Parent=Smp_213630.1
SM_V9_5 iris    CDS     15677794        15677920        .       -
        0       Parent=Smp_213630.1
SM_V9_5 iris    gene    15699579        15706713        .       -
        .
ID=Smp_156930;geneID=Smp_156930;gene_name=Smp_156930;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    15699579        15706713        .       -
        .
ID=Smp_156930.1;Parent=Smp_156930;geneID=Smp_156930;gene_name=Smp_15
6930;owner=irisadmin@local.host;orig_id=Smp_156930.2;date_last_modif
ied=2022-08-30;Name=Smp_156930.1;product=Probable magnesium
transporter NIPA2;date_creation=2022-08-30
SM_V9_5 iris    exon    15699579        15699780        .       -
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        .       Parent=Smp_156930.1;Name=babd7b52-1ac2-42a3-
b22d-42483c90dac0
SM_V9_5 iris    exon    15701402        15701419        .       -
        .       Parent=Smp_156930.1;Name=a1ed427e-dc4f-4803-b8bb-
e8eb63557876
SM_V9_5 iris    exon    15702565        15702585        .       -
        .       Parent=Smp_156930.1;Name=0778e5c5-faa3-49f9-9eff-
b5dd940b5e6b
SM_V9_5 iris    exon    15704582        15704599        .       -
        .
Parent=Smp_156930.1;Name=e1971c43-52b6-4d4a-82a3-20a3757fe802
SM_V9_5 iris    exon    15705739        15705750        .       -
        .       Parent=Smp_156930.1;Name=31cb2885-569c-4e40-
bf5c-00522d19d89e
SM_V9_5 iris    exon    15706699        15706713        .       -
        .
Parent=Smp_156930.1;Name=0d4d8168-9ab0-40cb-9100-4f5d7b542365
SM_V9_5 iris    CDS     15699735        15699780        .       -
        1       Parent=Smp_156930.1
SM_V9_5 iris    CDS     15701402        15701419        .       -
        1       Parent=Smp_156930.1
SM_V9_5 iris    CDS     15702565        15702585        .       -
        1       Parent=Smp_156930.1
SM_V9_5 iris    CDS     15704582        15704599        .       -
        1       Parent=Smp_156930.1
SM_V9_5 iris    CDS     15705739        15705750        .       -
        1       Parent=Smp_156930.1
SM_V9_5 iris    CDS     15706699        15706712        .       -
        0       Parent=Smp_156930.1
SM_V9_5 Liftoff gene    15730807        15744020        .       +
        .
ID=Smp_341010;geneID=Smp_341010;previous_systematic_id=Smp_064530
SM_V9_5 Liftoff mRNA    15730807        15744020        .       +
        .
ID=Smp_341010.1;Parent=Smp_341010;geneID=Smp_341010;product=Eukaryot
ic translation initiation factor 3 subunit
L;polypeptide_domain=InterPro:IPR019382
Pfam:PF10255;Ontology_term=GO:0003743,GO:0005737,GO:0005852
SM_V9_5 Liftoff exon    15730807        15730972        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff exon    15731006        15731082        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff exon    15731120        15731251        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff exon    15733836        15734078        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff exon    15734506        15734660        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff exon    15736955        15737259        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff exon    15739532        15739775        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff exon    15740698        15740949        .       +
        .       Parent=Smp_341010.1
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SM_V9_5 Liftoff exon    15743856        15744020        .       +
        .       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15730848        15730972        .       +
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SM_V9_5 Liftoff CDS     15731006        15731082        .       +
        1       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15731120        15731251        .       +
        2       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15733836        15734078        .       +
        2       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15734506        15734660        .       +
        2       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15736955        15737259        .       +
        0       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15739532        15739775        .       +
        1       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15740698        15740949        .       +
        0       Parent=Smp_341010.1
SM_V9_5 Liftoff CDS     15743856        15743942        .       +
        0       Parent=Smp_341010.1
SM_V9_5 Liftoff gene    15746799        15751322        .       +
        .       ID=Smp_064520;geneID=Smp_064520
SM_V9_5 Liftoff mRNA    15746799        15751322        .       +
        .
ID=Smp_064520.1;Parent=Smp_064520;geneID=Smp_064520;product=Mitotic
spindle-associated MMXD complex subunit
MIP18;polypeptide_domain=InterPro:IPR002744,IPR034904 Pfam:PF01883
SM_V9_5 Liftoff exon    15746799        15746978        .       +
        .       Parent=Smp_064520.1
SM_V9_5 Liftoff exon    15747986        15748191        .       +
        .       Parent=Smp_064520.1
SM_V9_5 Liftoff exon    15750696        15751322        .       +
        .       Parent=Smp_064520.1
SM_V9_5 Liftoff CDS     15746852        15746978        .       +
        0       Parent=Smp_064520.1
SM_V9_5 Liftoff CDS     15747986        15748191        .       +
        2       Parent=Smp_064520.1
SM_V9_5 Liftoff CDS     15750696        15750842        .       +
        0       Parent=Smp_064520.1
SM_V9_5 iris    gene    15757059        15762468        .       +
        .
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@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    15757059        15762468        .       +
        .
ID=Smp_064510.1;Parent=Smp_064510;geneID=Smp_064510;gene_name=Smp_06
4510;owner=irisadmin@local.host;orig_id=Smp_064510.1;date_last_modif
ied=2022-08-18;Name=Smp_064510.1;product=RNA-binding protein
NOB1;date_creation=2022-08-18
SM_V9_5 iris    exon    15757059        15757111        .       +
        .       Parent=Smp_064510.1;Name=e8a498ca-f1ae-4c13-
a9ea-579d57b5453c
SM_V9_5 iris    exon    15758084        15758166        .       +
        .       Parent=Smp_064510.1;Name=53f267c6-e4e6-42a1-b60a-
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f2ffe23e6131
SM_V9_5 iris    exon    15758209        15758341        .       +
        .       Parent=Smp_064510.1;Name=32146f1f-1632-4123-
af4d-83effb0d8eff
SM_V9_5 iris    exon    15758383        15758504        .       +
        .       Parent=Smp_064510.1;Name=38e752eb-e668-417e-
ac62-3f97678c7d0a
SM_V9_5 iris    exon    15758548        15758765        .       +
        .       Parent=Smp_064510.1;Name=c7967a23-3a6e-40ff-9b80-
f8ec70f89ace
SM_V9_5 iris    exon    15759636        15759806        .       +
        .       Parent=Smp_064510.1;Name=2a4f8829-ecdc-4462-af55-
dba764185614
SM_V9_5 iris    exon    15761862        15762003        .       +
        .       Parent=Smp_064510.1;Name=bee50390-01b7-435c-a68d-
d51c05b4e900
SM_V9_5 iris    exon    15762043        15762468        .       +
        .       Parent=Smp_064510.1;Name=9a4e91d8-0445-4dfd-
b0a2-59cf5801f8e9
SM_V9_5 iris    CDS     15758095        15758166        .       +
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SM_V9_5 iris    CDS     15758209        15758341        .       +
        0       Parent=Smp_064510.1
SM_V9_5 iris    CDS     15758383        15758504        .       +
        2       Parent=Smp_064510.1
SM_V9_5 iris    CDS     15758548        15758765        .       +
        0       Parent=Smp_064510.1
SM_V9_5 iris    CDS     15759636        15759806        .       +
        1       Parent=Smp_064510.1
SM_V9_5 iris    CDS     15761862        15762003        .       +
        1       Parent=Smp_064510.1
SM_V9_5 iris    CDS     15762043        15762426        .       +
        0       Parent=Smp_064510.1
SM_V9_5 iris    gene    15764171        15771814        .       -
        .
ID=Smp_064500;geneID=Smp_064500;gene_name=Smp_064500;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    15764171        15771814        .       -
        .
ID=Smp_064500.1;Parent=Smp_064500;geneID=Smp_064500;gene_name=Smp_06
4500;owner=irisadmin@local.host;orig_id=Smp_064500.1;date_last_modif
ied=2022-08-01;Name=Smp_064500.1;product=Pre-mRNA-splicing factor
syf2;date_creation=2022-07-29
SM_V9_5 iris    exon    15764171        15764656        .       -
        .       Parent=Smp_064500.1;Name=34ad6dc3-b6a8-4588-
b484-5abbb4a3df21
SM_V9_5 iris    exon    15768648        15768985        .       -
        .       Parent=Smp_064500.1;Name=21d6bbef-fbdb-4e4a-
aba0-170758da14bc
SM_V9_5 iris    exon    15769934        15770009        .       -
        .       Parent=Smp_064500.1;Name=1933744d-ad4f-4467-bc3c-
e24e14f3a9f1
SM_V9_5 iris    exon    15771720        15771814        .       -
        .       Parent=Smp_064500.1;Name=8c0d7782-75b1-4b9a-8040-
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ac6fa0529c87
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SM_V9_5 iris    CDS     15768648        15768985        .       -
        0       Parent=Smp_064500.1
SM_V9_5 iris    CDS     15769934        15770002        .       -
        0       Parent=Smp_064500.1
SM_V9_5 Liftoff gene    15780999        15850879        .       +
        .
ID=Smp_247710;geneID=Smp_247710;previous_systematic_id=Smp_156920
SM_V9_5 Liftoff mRNA    15780999        15850879        .       +
        .
ID=Smp_247710.1;Parent=Smp_247710;geneID=Smp_247710;product=Activati
ng signal cointegrator 1 complex subunit
3;polypeptide_domain=InterPro:IPR000008,IPR001650,IPR003593,IPR00417
9,IPR011545,IPR011991,IPR014001,IPR014756,IPR027417
Pfam:PF00270,PF00271,PF02889;Ontology_term=GO:0003676,GO:0005524
SM_V9_5 Liftoff exon    15780999        15783643        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15784870        15785110        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15787129        15787222        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15789289        15789320        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15790263        15790514        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15792443        15792571        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15795889        15796092        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15800056        15800196        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15802504        15802668        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15804209        15804457        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15805990        15806124        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15808064        15808321        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15809861        15810019        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15811816        15811935        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15813132        15813383        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15816133        15816408        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15818686        15818824        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15820855        15821111        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15821664        15821832        .       +
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        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15823205        15823425        .       +
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SM_V9_5 Liftoff exon    15824595        15824680        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15826222        15826414        .       +
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SM_V9_5 Liftoff exon    15826856        15827156        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15828732        15828874        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15830994        15831131        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15832098        15832218        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15836061        15836319        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15838133        15838388        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15840800        15841024        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15843419        15843576        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15845782        15845908        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15848312        15848539        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff exon    15850092        15850879        .       +
        .       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15782916        15783643        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15784870        15785110        .       +
        1       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15787129        15787222        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15789289        15789320        .       +
        2       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15790263        15790514        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15792443        15792571        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15795889        15796092        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15800056        15800196        .       +
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SM_V9_5 Liftoff CDS     15802504        15802668        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15804209        15804457        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15805990        15806124        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15808064        15808321        .       +
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SM_V9_5 Liftoff CDS     15809861        15810019        .       +
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        0       Parent=Smp_247710.1
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SM_V9_5 Liftoff CDS     15813132        15813383        .       +
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SM_V9_5 Liftoff CDS     15816133        15816408        .       +
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SM_V9_5 Liftoff CDS     15818686        15818824        .       +
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SM_V9_5 Liftoff CDS     15820855        15821111        .       +
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SM_V9_5 Liftoff CDS     15821664        15821832        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15823205        15823425        .       +
        2       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15824595        15824680        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15826222        15826414        .       +
        1       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15826856        15827156        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15828732        15828874        .       +
        2       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15830994        15831131        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15832098        15832218        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15836061        15836319        .       +
        2       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15838133        15838388        .       +
        1       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15840800        15841024        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15843419        15843576        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15845782        15845908        .       +
        1       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15848312        15848539        .       +
        0       Parent=Smp_247710.1
SM_V9_5 Liftoff CDS     15850092        15850505        .       +
        0       Parent=Smp_247710.1
SM_V9_5 iris    gene    15862649        15873245        .       +
        .
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SM_V9_5 iris    mRNA    15862649        15873245        .       +
        .
ID=Smp_247720.1;Parent=Smp_247720;geneID=Smp_247720;gene_name=Smp_24
7720;owner=irisadmin@local.host;orig_id=Smp_247720.2;date_last_modif
ied=2022-08-01;Name=Smp_247720.1;product=Rab-like protein
3;date_creation=2022-07-29
SM_V9_5 iris    exon    15862649        15862688        .       +
        .       Parent=Smp_247720.1;Name=2c082696-0360-4aa7-b070-
e6f8f22ab660
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SM_V9_5 iris    exon    15863640        15863735        .       +
        .       Parent=Smp_247720.1;Name=e1546715-1dd9-49f6-82a0-
dc2ed4b9c3ef
SM_V9_5 iris    exon    15863777        15863829        .       +
        .       Parent=Smp_247720.1;Name=4295d3e9-8131-4f12-8b83-
fce3e497db6d
SM_V9_5 iris    exon    15863897        15863988        .       +
        .
Parent=Smp_247720.1;Name=ecb25632-3104-427e-8cd8-41384c072a14
SM_V9_5 iris    exon    15864046        15864257        .       +
        .       Parent=Smp_247720.1;Name=93983a07-
d5a4-4f6f-995b-9f9c24fccd9e
SM_V9_5 iris    exon    15864710        15865445        .       +
        .       Parent=Smp_247720.1;Name=05d02629-5c2c-4789-b208-
ade2809dfb3b
SM_V9_5 iris    exon    15866531        15866602        .       +
        .       Parent=Smp_247720.1;Name=eced1ca4-ca7d-488f-
abed-3949786479d1
SM_V9_5 iris    exon    15871741        15871897        .       +
        .
Parent=Smp_247720.1;Name=c71363a2-35f9-4f80-8ad1-45b1ffe9b4c9
SM_V9_5 iris    exon    15872802        15873245        .       +
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a696-07ab9df4891a
SM_V9_5 iris    CDS     15863787        15863829        .       +
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SM_V9_5 iris    CDS     15863897        15863988        .       +
        2       Parent=Smp_247720.1
SM_V9_5 iris    CDS     15864046        15864257        .       +
        0       Parent=Smp_247720.1
SM_V9_5 iris    CDS     15864710        15865445        .       +
        1       Parent=Smp_247720.1
SM_V9_5 iris    CDS     15866531        15866602        .       +
        0       Parent=Smp_247720.1
SM_V9_5 iris    CDS     15871741        15871854        .       +
        0       Parent=Smp_247720.1
SM_V9_5 Liftoff gene    15881989        15949645        .       -
        .       ID=Smp_156910;geneID=Smp_156910
SM_V9_5 Liftoff mRNA    15881989        15924685        .       -
        .
ID=Smp_156910.3;Parent=Smp_156910;geneID=Smp_156910;product=Mediator
of RNA polymerase II transcription subunit 10
SM_V9_5 Liftoff exon    15881989        15883531        .       -
        .       Parent=Smp_156910.3
SM_V9_5 Liftoff exon    15886190        15886681        .       -
        .       Parent=Smp_156910.3
SM_V9_5 Liftoff exon    15895784        15895879        .       -
        .       Parent=Smp_156910.3
SM_V9_5 Liftoff exon    15897498        15897584        .       -
        .       Parent=Smp_156910.3
SM_V9_5 Liftoff exon    15898629        15898961        .       -
        .       Parent=Smp_156910.3
SM_V9_5 Liftoff exon    15904872        15905021        .       -
        .       Parent=Smp_156910.3
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SM_V9_5 Liftoff exon    15908214        15908669        .       -
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SM_V9_5 Liftoff exon    15910111        15910164        .       -
        .       Parent=Smp_156910.3
SM_V9_5 Liftoff exon    15913325        15924685        .       -
        .       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15882809        15883531        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15886190        15886681        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15895784        15895879        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15897498        15897584        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15898629        15898961        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15904872        15905021        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15908214        15908669        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15910111        15910164        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff CDS     15913325        15913411        .       -
        0       Parent=Smp_156910.3
SM_V9_5 Liftoff mRNA    15881989        15949645        .       -
        .
ID=Smp_156910.1;Parent=Smp_156910;geneID=Smp_156910;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    15881989        15883531        .       -
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SM_V9_5 Liftoff exon    15886190        15886681        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff exon    15895784        15895879        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff exon    15897498        15897584        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff exon    15898629        15898961        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff exon    15904872        15905021        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff exon    15910111        15910164        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff exon    15913325        15913510        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff exon    15947455        15949645        .       -
        .       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15882809        15883531        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15886190        15886681        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15895784        15895879        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15897498        15897584        .       -
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SM_V9_5 Liftoff CDS     15898629        15898961        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15904872        15905021        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15910111        15910164        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15913325        15913510        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff CDS     15947455        15948597        .       -
        0       Parent=Smp_156910.1
SM_V9_5 Liftoff mRNA    15881989        15949645        .       -
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ical protein
SM_V9_5 Liftoff exon    15881989        15883531        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15886190        15886681        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15895784        15895879        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15897498        15897584        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15898629        15898961        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15904872        15905021        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15908214        15908669        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15910111        15910164        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15913325        15913510        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff exon    15947455        15949645        .       -
        .       Parent=Smp_156910.2
SM_V9_5 Liftoff CDS     15882809        15883531        .       -
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SM_V9_5 Liftoff CDS     15886190        15886681        .       -
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SM_V9_5 Liftoff CDS     15895784        15895879        .       -
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SM_V9_5 Liftoff CDS     15897498        15897584        .       -
        0       Parent=Smp_156910.2
SM_V9_5 Liftoff CDS     15898629        15898961        .       -
        0       Parent=Smp_156910.2
SM_V9_5 Liftoff CDS     15904872        15905021        .       -
        0       Parent=Smp_156910.2
SM_V9_5 Liftoff CDS     15908214        15908669        .       -
        0       Parent=Smp_156910.2
SM_V9_5 Liftoff CDS     15910111        15910164        .       -
        0       Parent=Smp_156910.2
SM_V9_5 Liftoff CDS     15913325        15913510        .       -
        0       Parent=Smp_156910.2
SM_V9_5 Liftoff CDS     15947455        15948597        .       -
        0       Parent=Smp_156910.2
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SM_V9_5 Liftoff exon    15886190        15886681        .       -
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SM_V9_5 Liftoff exon    15895784        15895879        .       -
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SM_V9_5 Liftoff exon    15908214        15908417        .       -
        .       Parent=Smp_156910.4
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        .       Parent=Smp_156910.4
SM_V9_5 Liftoff exon    15947455        15949645        .       -
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SM_V9_5 Liftoff CDS     15895784        15895879        .       -
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SM_V9_5 Liftoff CDS     15904872        15905021        .       -
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SM_V9_5 Liftoff CDS     15908214        15908417        .       -
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SM_V9_5 Liftoff CDS     15947455        15948597        .       -
        0       Parent=Smp_156910.4
SM_V9_5 Liftoff mRNA    15881989        15949645        .       -
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SM_V9_5 Liftoff exon    15886190        15886681        .       -
        .       Parent=Smp_156910.5
SM_V9_5 Liftoff exon    15895784        15895879        .       -
        .       Parent=Smp_156910.5
SM_V9_5 Liftoff exon    15897498        15897584        .       -
        .       Parent=Smp_156910.5
SM_V9_5 Liftoff exon    15898629        15898961        .       -
        .       Parent=Smp_156910.5
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SM_V9_5 Liftoff exon    15913325        15913510        .       -
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SM_V9_5 Liftoff exon    15947455        15949645        .       -
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SM_V9_5 Liftoff CDS     15882809        15883531        .       -
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SM_V9_5 Liftoff CDS     15886190        15886681        .       -
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SM_V9_5 Liftoff CDS     15895784        15895879        .       -
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SM_V9_5 Liftoff CDS     15897498        15897584        .       -
        0       Parent=Smp_156910.5
SM_V9_5 Liftoff CDS     15898629        15898961        .       -
        0       Parent=Smp_156910.5
SM_V9_5 Liftoff CDS     15913325        15913510        .       -
        0       Parent=Smp_156910.5
SM_V9_5 Liftoff CDS     15947455        15948597        .       -
        0       Parent=Smp_156910.5
SM_V9_5 Liftoff mRNA    15881989        15949645        .       -
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SM_V9_5 Liftoff exon    15886190        15886681        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff exon    15895784        15895879        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff exon    15897498        15897584        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff exon    15898629        15898961        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff exon    15904872        15905021        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff exon    15908214        15908669        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff exon    15913325        15913510        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff exon    15947455        15949645        .       -
        .       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15882809        15883531        .       -
        0       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15886190        15886681        .       -
        0       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15895784        15895879        .       -
        0       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15897498        15897584        .       -
        0       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15898629        15898961        .       -
        0       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15904872        15905021        .       -
        0       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15908214        15908669        .       -
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SM_V9_5 Liftoff CDS     15913325        15913510        .       -
        0       Parent=Smp_156910.6
SM_V9_5 Liftoff CDS     15947455        15948597        .       -
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        .       ID=Smp_330590;geneID=Smp_330590
SM_V9_5 Liftoff mRNA    15953258        15967725        .       -
        .
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sey1
SM_V9_5 Liftoff exon    15953258        15953953        .       -
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SM_V9_5 Liftoff exon    15964346        15967725        .       -
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SM_V9_5 Liftoff CDS     15953828        15953953        .       -
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@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    15987219        15993760        .       -
        .
ID=Smp_156900.1;Parent=Smp_156900;geneID=Smp_156900;gene_name=Smp_15
6900;owner=irisadmin@local.host;orig_id=Smp_156900.2;date_last_modif
ied=2022-08-18;Name=Smp_156900.1;product=Transmembrane protein
208;date_creation=2022-08-18
SM_V9_5 iris    exon    15987219        15987727        .       -
        .       Parent=Smp_156900.1;Name=d5ee69e8-f5b5-4469-9a72-
eda765434a56
SM_V9_5 iris    exon    15988446        15988530        .       -
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b40a-698a4d6d332a
SM_V9_5 iris    exon    15991327        15991538        .       -
        .       Parent=Smp_156900.1;Name=b4480455-81f2-4ec7-
b159-70c04ad45de5
SM_V9_5 iris    exon    15993592        15993760        .       -
        .       Parent=Smp_156900.1;Name=cbf26be1-f182-4b77-9e75-
c36fc96589da
SM_V9_5 iris    CDS     15987554        15987727        .       -
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SM_V9_5 iris    CDS     15988446        15988530        .       -
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SM_V9_5 iris    CDS     15991327        15991538        .       -
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SM_V9_5 iris    CDS     15993592        15993702        .       -
        0       Parent=Smp_156900.1
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SM_V9_5 Liftoff mRNA    16007829        16023899        .       +
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chromatin protein ESC1
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SM_V9_5 Liftoff exon    16015031        16015269        .       +
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SM_V9_5 Liftoff exon    16023171        16023899        .       +
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SM_V9_5 Liftoff CDS     16008117        16008156        .       +
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SM_V9_5 Liftoff CDS     16015031        16015269        .       +
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SM_V9_5 Liftoff CDS     16023171        16023218        .       +
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SM_V9_5 Liftoff exon    16042792        16043160        .       -
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SM_V9_5 Liftoff exon    16050687        16050761        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16051418        16051831        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16056041        16056162        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16067085        16067101        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16070457        16070635        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16072604        16072722        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16077455        16077695        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16081800        16081916        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16086675        16086797        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16090866        16091141        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16092928        16093053        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16096815        16096931        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16101591        16101647        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16102124        16102230        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16103595        16104015        .       -
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SM_V9_5 Liftoff exon    16108197        16108352        .       -
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SM_V9_5 Liftoff exon    16111473        16111517        .       -
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        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16125872        16126032        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff exon    16142511        16142937        .       -
        .       Parent=Smp_156890.1
SM_V9_5 Liftoff CDS     16043140        16043160        .       -
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        0       Parent=Smp_156890.1
SM_V9_5 Liftoff CDS     16056041        16056162        .       -
        2       Parent=Smp_156890.1
SM_V9_5 Liftoff CDS     16067085        16067101        .       -
        1       Parent=Smp_156890.1
SM_V9_5 Liftoff CDS     16070457        16070635        .       -
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SM_V9_5 Liftoff CDS     16072604        16072722        .       -
        2       Parent=Smp_156890.1
SM_V9_5 Liftoff CDS     16077455        16077695        .       -
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SM_V9_5 Liftoff CDS     16081800        16081916        .       -
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SM_V9_5 Liftoff CDS     16086675        16086797        .       -
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SM_V9_5 Liftoff CDS     16090866        16091141        .       -
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SM_V9_5 Liftoff CDS     16102124        16102230        .       -
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SM_V9_5 Liftoff CDS     16108197        16108352        .       -
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        1       Parent=Smp_156890.1
SM_V9_5 Liftoff CDS     16125872        16126032        .       -
        0       Parent=Smp_156890.1
SM_V9_5 Liftoff CDS     16142511        16142747        .       -
        0       Parent=Smp_156890.1
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        .       Parent=Smp_156890.2
SM_V9_5 Liftoff exon    16056041        16056162        .       -
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SM_V9_5 Liftoff exon    16070457        16070635        .       -
        .       Parent=Smp_156890.2
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SM_V9_5 Liftoff exon    16077455        16077695        .       -
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SM_V9_5 Liftoff exon    16081800        16081916        .       -
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        .       Parent=Smp_156890.2
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        .       Parent=Smp_156890.2
SM_V9_5 Liftoff exon    16103595        16104015        .       -
        .       Parent=Smp_156890.2
SM_V9_5 Liftoff exon    16108197        16108352        .       -
        .       Parent=Smp_156890.2
SM_V9_5 Liftoff exon    16111473        16111517        .       -
        .       Parent=Smp_156890.2
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        .       Parent=Smp_156890.2
SM_V9_5 Liftoff exon    16125872        16126032        .       -
        .       Parent=Smp_156890.2
SM_V9_5 Liftoff exon    16142511        16142937        .       -
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SM_V9_5 Liftoff CDS     16043140        16043160        .       -
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SM_V9_5 Liftoff CDS     16056041        16056162        .       -
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        1       Parent=Smp_156890.2
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SM_V9_5 Liftoff CDS     16081800        16081916        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16086675        16086797        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16090866        16091141        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16092928        16093053        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16096815        16096931        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16101591        16101647        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16102124        16102230        .       -
        2       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16103595        16104015        .       -
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SM_V9_5 Liftoff CDS     16108197        16108352        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16111473        16111517        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16112258        16112357        .       -
        1       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16125872        16126032        .       -
        0       Parent=Smp_156890.2
SM_V9_5 Liftoff CDS     16142511        16142747        .       -
        0       Parent=Smp_156890.2
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        .       ID=Smp_064430;geneID=Smp_064430
SM_V9_5 Liftoff mRNA    16214354        16227041        .       +
        .
ID=Smp_064430.1;Parent=Smp_064430;geneID=Smp_064430;product=PTS
system mannitol-specific EIICB component
SM_V9_5 Liftoff exon    16214354        16214500        .       +
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SM_V9_5 Liftoff exon    16222457        16222592        .       +
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SM_V9_5 Liftoff exon    16223778        16223863        .       +
        .       Parent=Smp_064430.1
SM_V9_5 Liftoff exon    16226448        16227041        .       +
        .       Parent=Smp_064430.1
SM_V9_5 Liftoff CDS     16214410        16214500        .       +
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SM_V9_5 Liftoff CDS     16222457        16222592        .       +
        2       Parent=Smp_064430.1
SM_V9_5 Liftoff CDS     16223778        16223863        .       +
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SM_V9_5 Liftoff CDS     16226448        16226668        .       +
        2       Parent=Smp_064430.1
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SM_V9_5 Liftoff mRNA    16228718        16250327        .       -
        .
ID=Smp_156880.1;Parent=Smp_156880;geneID=Smp_156880;product=Protein
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006900,IPR007123,IPR012990,IPR029006
Pfam:PF00626,PF04810,PF04811,PF04815,PF08033;Ontology_term=GO:000688
6,GO:0006888,GO:0008270,GO:0030127
SM_V9_5 Liftoff exon    16228718        16230243        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16233184        16233276        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16235689        16235892        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16236915        16237018        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16238841        16239189        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16240172        16240414        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16242138        16242308        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16243628        16244105        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16245274        16245623        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16247339        16247602        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff exon    16249468        16250327        .       -
        .       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16230103        16230243        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16233184        16233276        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16235689        16235892        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16236915        16237018        .       -
        2       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16238841        16239189        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16240172        16240414        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16242138        16242308        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16243628        16244105        .       -
        1       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16245274        16245623        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16247339        16247602        .       -
        0       Parent=Smp_156880.1
SM_V9_5 Liftoff CDS     16249468        16250013        .       -
        0       Parent=Smp_156880.1
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SM_V9_5 Liftoff gene    16264661        16270635        .       +
        .       ID=Smp_064400;geneID=Smp_064400
SM_V9_5 Liftoff mRNA    16264661        16270635        .       +
        .
ID=Smp_064400.1;Parent=Smp_064400;geneID=Smp_064400;product=Coiled-
coil domain-containing protein
174;polypeptide_domain=InterPro:IPR025066 Pfam:PF13300
SM_V9_5 Liftoff exon    16264661        16270635        .       +
        .       Parent=Smp_064400.1
SM_V9_5 Liftoff CDS     16269333        16270565        .       +
        0       Parent=Smp_064400.1
SM_V9_5 iris    gene    16272292        16275976        .       +
        .
ID=Smp_064390;geneID=Smp_064390;gene_name=Smp_064390;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    16272292        16275976        .       +
        .
ID=Smp_064390.1;Parent=Smp_064390;geneID=Smp_064390;gene_name=Smp_06
4390;owner=irisadmin@local.host;orig_id=Smp_064390.1;date_last_modif
ied=2022-08-18;Name=Smp_064390.1;product=Protein
TSSC4;date_creation=2022-08-18
SM_V9_5 iris    exon    16272292        16272585        .       +
        .       Parent=Smp_064390.1;Name=e2d8c0b3-0087-4c91-
a41c-18eb0d203738
SM_V9_5 iris    exon    16275169        16275976        .       +
        .       Parent=Smp_064390.1;Name=d06303e6-d7b2-4a58-ac69-
cd148f63fe67
SM_V9_5 iris    CDS     16272310        16272585        .       +
        0       Parent=Smp_064390.1
SM_V9_5 iris    CDS     16275169        16275858        .       +
        0       Parent=Smp_064390.1
SM_V9_5 iris    gene    16279157        16298733        .       -
        .
ID=Smp_064380;geneID=Smp_064380;gene_name=Smp_064380;owner=irisadmin
@local.host;date_last_modified=2022-07-29;date_creation=2022-07-17
SM_V9_5 iris    mRNA    16279157        16298733        .       -
        .
ID=Smp_064380.1;Parent=Smp_064380;geneID=Smp_064380;gene_name=Smp_06
4380;owner=irisadmin@local.host;orig_id=Smp_064380.2;date_last_modif
ied=2022-07-29;Name=Smp_064380.1;product=Aspartate aminotransferase,
mitochondrial;date_creation=2022-07-17
SM_V9_5 iris    exon    16279157        16279356        .       -
        .
Parent=Smp_064380.1;Name=c6885951-5ce8-4a1f-82ab-25ba7416d97b
SM_V9_5 iris    exon    16281327        16281477        .       -
        .       Parent=Smp_064380.1;Name=0e84faa3-84e1-4d28-b954-
b1e151bfeaec
SM_V9_5 iris    exon    16283958        16284241        .       -
        .
Parent=Smp_064380.1;Name=88cd4473-3cc5-490b-9d91-58b2c41c39e8
SM_V9_5 iris    exon    16285683        16285914        .       -
        .       Parent=Smp_064380.1;Name=31572f41-9869-4996-a367-
c734c21b0466
SM_V9_5 iris    exon    16287601        16287671        .       -
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        .
Parent=Smp_064380.1;Name=ade537ca-8579-49b9-8d40-33ef356bdf7a
SM_V9_5 iris    exon    16287711        16287770        .       -
        .       Parent=Smp_064380.1;Name=2f59de6a-
f151-4949-9559-8b54e195d20c
SM_V9_5 iris    exon    16290020        16290305        .       -
        .       Parent=Smp_064380.1;Name=5734b3e4-c7d6-4d3a-a83f-
ce7b1f6a9854
SM_V9_5 iris    exon    16290340        16290435        .       -
        .       Parent=Smp_064380.1;Name=287fc964-2f26-4550-81f5-
f6acbc73a670
SM_V9_5 iris    exon    16298665        16298733        .       -
        .       Parent=Smp_064380.1;Name=25a9a753-a866-487e-
add5-0ebc9aad66b4
SM_V9_5 iris    CDS     16279234        16279356        .       -
        0       Parent=Smp_064380.1
SM_V9_5 iris    CDS     16281327        16281477        .       -
        1       Parent=Smp_064380.1
SM_V9_5 iris    CDS     16283958        16284241        .       -
        0       Parent=Smp_064380.1
SM_V9_5 iris    CDS     16285683        16285914        .       -
        1       Parent=Smp_064380.1
SM_V9_5 iris    CDS     16287601        16287671        .       -
        0       Parent=Smp_064380.1
SM_V9_5 iris    CDS     16287711        16287770        .       -
        0       Parent=Smp_064380.1
SM_V9_5 iris    CDS     16290020        16290305        .       -
        1       Parent=Smp_064380.1
SM_V9_5 iris    CDS     16290340        16290386        .       -
        0       Parent=Smp_064380.1
SM_V9_5 Liftoff gene    16314761        16344898        .       +
        .       ID=Smp_156870;geneID=Smp_156870
SM_V9_5 Liftoff mRNA    16314761        16344898        .       +
        .
ID=Smp_156870.1;Parent=Smp_156870;geneID=Smp_156870;product=Receptor
-type tyrosine-protein phosphatase
S;polypeptide_domain=InterPro:IPR000242,IPR000387,IPR003595,IPR01613
0,IPR029021
Pfam:PF00102;Ontology_term=GO:0004725,GO:0006470,GO:0016311,GO:00167
91
SM_V9_5 Liftoff exon    16314761        16316629        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff exon    16319358        16319445        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff exon    16322768        16322855        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff exon    16325525        16325586        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff exon    16336486        16336682        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff exon    16338435        16338591        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff exon    16339918        16340099        .       +
        .       Parent=Smp_156870.1
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SM_V9_5 Liftoff exon    16342160        16342298        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff exon    16344589        16344898        .       +
        .       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16316580        16316629        .       +
        0       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16319358        16319445        .       +
        1       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16322768        16322855        .       +
        0       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16325525        16325586        .       +
        2       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16336486        16336682        .       +
        0       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16338435        16338591        .       +
        1       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16339918        16340099        .       +
        0       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16342160        16342298        .       +
        1       Parent=Smp_156870.1
SM_V9_5 Liftoff CDS     16344589        16344672        .       +
        0       Parent=Smp_156870.1
SM_V9_5 Liftoff gene    16346509        16354997        .       -
        .       ID=Smp_064360;geneID=Smp_064360
SM_V9_5 Liftoff mRNA    16346509        16354997        .       -
        .
ID=Smp_064360.1;Parent=Smp_064360;geneID=Smp_064360;product=Polymera
se delta-interacting protein
3;polypeptide_domain=InterPro:IPR000504,IPR034784
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_5 Liftoff exon    16346509        16346814        .       -
        .       Parent=Smp_064360.1
SM_V9_5 Liftoff exon    16347436        16347668        .       -
        .       Parent=Smp_064360.1
SM_V9_5 Liftoff exon    16351358        16351603        .       -
        .       Parent=Smp_064360.1
SM_V9_5 Liftoff exon    16351936        16351983        .       -
        .       Parent=Smp_064360.1
SM_V9_5 Liftoff exon    16354611        16354833        .       -
        .       Parent=Smp_064360.1
SM_V9_5 Liftoff exon    16354872        16354997        .       -
        .       Parent=Smp_064360.1
SM_V9_5 Liftoff CDS     16346646        16346814        .       -
        1       Parent=Smp_064360.1
SM_V9_5 Liftoff CDS     16347436        16347668        .       -
        0       Parent=Smp_064360.1
SM_V9_5 Liftoff CDS     16351358        16351603        .       -
        0       Parent=Smp_064360.1
SM_V9_5 Liftoff CDS     16351936        16351983        .       -
        0       Parent=Smp_064360.1
SM_V9_5 Liftoff CDS     16354611        16354833        .       -
        1       Parent=Smp_064360.1
SM_V9_5 Liftoff CDS     16354872        16354939        .       -
        0       Parent=Smp_064360.1
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SM_V9_5 Liftoff gene    16362931        16374531        .       +
        .       ID=Smp_064350;geneID=Smp_064350
SM_V9_5 Liftoff mRNA    16362931        16374531        .       +
        .
ID=Smp_064350.1;Parent=Smp_064350;geneID=Smp_064350;product=V-type
proton ATPase 21 kDa proteolipid
subunit;polypeptide_domain=InterPro:IPR000245,IPR002379
Pfam:PF00137;Ontology_term=GO:0015078,GO:0015991,GO:0033177,GO:00331
79
SM_V9_5 Liftoff exon    16362931        16363040        .       +
        .       Parent=Smp_064350.1
SM_V9_5 Liftoff exon    16363078        16363126        .       +
        .       Parent=Smp_064350.1
SM_V9_5 Liftoff exon    16363162        16363245        .       +
        .       Parent=Smp_064350.1
SM_V9_5 Liftoff exon    16364268        16364415        .       +
        .       Parent=Smp_064350.1
SM_V9_5 Liftoff exon    16368693        16368938        .       +
        .       Parent=Smp_064350.1
SM_V9_5 Liftoff exon    16373989        16374531        .       +
        .       Parent=Smp_064350.1
SM_V9_5 Liftoff CDS     16362971        16363040        .       +
        0       Parent=Smp_064350.1
SM_V9_5 Liftoff CDS     16363078        16363126        .       +
        2       Parent=Smp_064350.1
SM_V9_5 Liftoff CDS     16363162        16363245        .       +
        1       Parent=Smp_064350.1
SM_V9_5 Liftoff CDS     16364268        16364415        .       +
        1       Parent=Smp_064350.1
SM_V9_5 Liftoff CDS     16368693        16368938        .       +
        0       Parent=Smp_064350.1
SM_V9_5 Liftoff CDS     16373989        16374021        .       +
        0       Parent=Smp_064350.1
SM_V9_5 Liftoff gene    16377069        16413774        .       -
        .       ID=Smp_156860;geneID=Smp_156860
SM_V9_5 Liftoff mRNA    16377069        16413774        .       -
        .
ID=Smp_156860.1;Parent=Smp_156860;geneID=Smp_156860;product=Meckelin
;polypeptide_domain=InterPro:IPR011641,IPR019170
Pfam:PF09773;Ontology_term=GO:0010826,GO:0036038,GO:0060271
SM_V9_5 Liftoff exon    16377069        16377222        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16378519        16378661        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16379888        16379993        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16380487        16380917        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16383204        16383333        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16386880        16387082        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16393290        16393542        .       -
        .       Parent=Smp_156860.1
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SM_V9_5 Liftoff exon    16394960        16395223        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16397595        16397746        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16399901        16400161        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16402765        16402828        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16404935        16405178        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16406457        16406617        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16407751        16407828        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16408629        16408748        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16413071        16413149        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16413186        16413267        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16413305        16413404        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16413437        16413525        .       -
        .       Parent=Smp_156860.1
SM_V9_5 Liftoff exon    16413554        16413774        .       -
        .       Parent=Smp_156860.1
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        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16378519        16378661        .       -
        2       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16379888        16379993        .       -
        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16380487        16380917        .       -
        2       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16383204        16383333        .       -
        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16386880        16387082        .       -
        2       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16393290        16393542        .       -
        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16394960        16395223        .       -
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SM_V9_5 Liftoff CDS     16397595        16397746        .       -
        2       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16399901        16400161        .       -
        2       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16402765        16402828        .       -
        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16404935        16405178        .       -
        1       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16406457        16406617        .       -
        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16407751        16407828        .       -
        0       Parent=Smp_156860.1
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SM_V9_5 Liftoff CDS     16408629        16408748        .       -
        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16413071        16413149        .       -
        1       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16413186        16413267        .       -
        2       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16413305        16413404        .       -
        0       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16413437        16413525        .       -
        2       Parent=Smp_156860.1
SM_V9_5 Liftoff CDS     16413554        16413740        .       -
        0       Parent=Smp_156860.1
SM_V9_5 iris    gene    16418756        16419164        .       +
        .
ID=Smp_064330;geneID=Smp_064330;gene_name=Smp_064330;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    16418756        16419164        .       +
        .
ID=Smp_064330.1;Parent=Smp_064330;geneID=Smp_064330;gene_name=Smp_06
4330;owner=irisadmin@local.host;orig_id=Smp_064330.1;date_last_modif
ied=2022-08-01;Name=Smp_064330.1;product=Protein
stunted;date_creation=2022-07-29
SM_V9_5 iris    exon    16418756        16418822        .       +
        .
Parent=Smp_064330.1;Name=5e891c9b-007f-4399-8ab3-17cb0ef40c2f
SM_V9_5 iris    exon    16418861        16418991        .       +
        .       Parent=Smp_064330.1;Name=6d97c702-
f600-4bfc-8887-94728b960f04
SM_V9_5 iris    exon    16419026        16419164        .       +
        .       Parent=Smp_064330.1;Name=9b98d25e-
a225-4994-9477-2ddbf9a6ee9b
SM_V9_5 iris    CDS     16418794        16418822        .       +
        0       Parent=Smp_064330.1
SM_V9_5 iris    CDS     16418861        16418991        .       +
        1       Parent=Smp_064330.1
SM_V9_5 iris    CDS     16419026        16419039        .       +
        2       Parent=Smp_064330.1
SM_V9_5 iris    gene    16421739        16429529        .       -
        .
ID=Smp_064320;geneID=Smp_064320;gene_name=Smp_064320;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    16421739        16429529        .       -
        .
ID=Smp_064320.1;Parent=Smp_064320;geneID=Smp_064320;gene_name=Smp_06
4320;owner=irisadmin@local.host;orig_id=Smp_064320.1;date_last_modif
ied=2022-08-01;Name=Smp_064320.1;product=26S proteasome non-ATPase
regulatory subunit 10;date_creation=2022-07-29
SM_V9_5 iris    exon    16421739        16421868        .       -
        .
Parent=Smp_064320.1;Name=06a45b59-1587-4089-9964-627a7ed2a0ce
SM_V9_5 iris    exon    16423780        16423861        .       -
        .       Parent=Smp_064320.1;Name=464e23ab-1d54-409c-
b312-66043e4e4ce4
SM_V9_5 iris    exon    16425310        16425527        .       -
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        .       Parent=Smp_064320.1;Name=fdb9a32f-6ddc-4e46-acc2-
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SM_V9_5 iris    exon    16426300        16426449        .       -
        .
Parent=Smp_064320.1;Name=397d3e3f-3f7b-4cb1-8127-8d359a12b9bf
SM_V9_5 iris    exon    16428032        16428130        .       -
        .       Parent=Smp_064320.1;Name=44c925f1-6b78-4795-
a012-19d0c10f7099
SM_V9_5 iris    exon    16428176        16428312        .       -
        .       Parent=Smp_064320.1;Name=10b9ce7d-c6fd-4680-a6e0-
f8e597cc4f8d
SM_V9_5 iris    exon    16429407        16429529        .       -
        .       Parent=Smp_064320.1;Name=c8a97ac6-
e8d0-4ac8-892e-24e1a70753f6
SM_V9_5 iris    CDS     16421794        16421868        .       -
        0       Parent=Smp_064320.1
SM_V9_5 iris    CDS     16423780        16423861        .       -
        1       Parent=Smp_064320.1
SM_V9_5 iris    CDS     16425310        16425527        .       -
        0       Parent=Smp_064320.1
SM_V9_5 iris    CDS     16426300        16426449        .       -
        0       Parent=Smp_064320.1
SM_V9_5 iris    CDS     16428032        16428130        .       -
        0       Parent=Smp_064320.1
SM_V9_5 iris    CDS     16428176        16428274        .       -
        0       Parent=Smp_064320.1
SM_V9_5 iris    gene    16441671        16527326        .       +
        .
ID=Smp_156850;geneID=Smp_156850;gene_name=Smp_156850;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_5 iris    mRNA    16441671        16475410        .       +
        .
ID=Smp_156850.1;Parent=Smp_156850;geneID=Smp_156850;gene_name=Smp_15
6850;owner=irisadmin@local.host;orig_id=Smp_156850.1;date_last_modif
ied=2022-08-15;Name=Smp_156850.1;product=Translationally-controlled
tumor protein homolog;date_creation=2022-08-15
SM_V9_5 iris    exon    16441671        16441824        .       +
        .       Parent=Smp_156850.1;Name=d4c37754-efb7-4511-9145-
e951b2339c87
SM_V9_5 iris    exon    16472409        16472665        .       +
        .       Parent=Smp_156850.1;Name=bf86fbdd-47ae-4d35-9987-
c4f22428efde
SM_V9_5 iris    exon    16474315        16475410        .       +
        .       Parent=Smp_156850.1;Name=d4b8da6a-4d4a-4274-8e64-
fbf0251a92e7
SM_V9_5 iris    CDS     16441791        16441824        .       +
        0       Parent=Smp_156850.1
SM_V9_5 iris    CDS     16472409        16472665        .       +
        2       Parent=Smp_156850.1
SM_V9_5 iris    CDS     16474315        16474722        .       +
        0       Parent=Smp_156850.1
SM_V9_5 iris    mRNA    16441671        16527326        .       +
        .
ID=Smp_156850.2;Parent=Smp_156850;geneID=Smp_156850;gene_name=Smp_15
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6850;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
mp_156850.2;date_creation=2022-08-15
SM_V9_5 iris    exon    16441671        16441824        .       +
        .       Parent=Smp_156850.2;Name=72253864-8510-4a51-8410-
e0eefd0caca7
SM_V9_5 iris    exon    16472409        16472665        .       +
        .
Parent=Smp_156850.2;Name=e597fad0-9073-4ede-8133-09cb90d92ff8
SM_V9_5 iris    exon    16526222        16527326        .       +
        .       Parent=Smp_156850.2;Name=d6dfa550-eb41-4978-
a36e-60070afb712f
SM_V9_5 iris    CDS     16441791        16441824        .       +
        0       Parent=Smp_156850.2
SM_V9_5 iris    CDS     16472409        16472665        .       +
        2       Parent=Smp_156850.2
SM_V9_5 iris    CDS     16526222        16526614        .       +
        0       Parent=Smp_156850.2
SM_V9_5 iris    gene    16495054        16507161        .       +
        .
ID=Smp_330600;geneID=Smp_330600;gene_name=Smp_330600;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_5 iris    mRNA    16495054        16507161        .       +
        .
ID=Smp_330600.1;Parent=Smp_330600;geneID=Smp_330600;gene_name=Smp_33
0600;owner=irisadmin@local.host;orig_id=Smp_330600.1;date_last_modif
ied=2022-08-15;Name=Smp_330600.1;product=Adenosylhomocysteinase;date
_creation=2022-08-15
SM_V9_5 iris    exon    16495054        16495140        .       +
        .       Parent=Smp_330600.1;Name=556bff0a-f465-4f99-8cd1-
cc1588b42649
SM_V9_5 iris    exon    16496988        16497029        .       +
        .       Parent=Smp_330600.1;Name=7b4493f6-6992-4d82-b6d2-
f811fb16b87b
SM_V9_5 iris    exon    16498505        16498543        .       +
        .       Parent=Smp_330600.1;Name=ea53922c-d95e-471d-99e8-
b6e72872128a
SM_V9_5 iris    exon    16500943        16500984        .       +
        .       Parent=Smp_330600.1;Name=983c7374-031c-4852-
b362-4376acc04476
SM_V9_5 iris    exon    16501063        16501104        .       +
        .       Parent=Smp_330600.1;Name=91b17170-b90b-44dd-918e-
cf81ad03ac00
SM_V9_5 iris    exon    16503458        16503495        .       +
        .
Parent=Smp_330600.1;Name=6aa3eb28-8aff-4ac3-8a8a-954ace323069
SM_V9_5 iris    exon    16503574        16503620        .       +
        .
Parent=Smp_330600.1;Name=4abc8b13-4f05-4c34-8728-0dc91c7daf30
SM_V9_5 iris    exon    16505997        16506040        .       +
        .
Parent=Smp_330600.1;Name=e4cb24fc-1da7-476d-9a24-214e6f6a37d9
SM_V9_5 iris    exon    16507081        16507161        .       +
        .       Parent=Smp_330600.1;Name=adb1a768-e80d-4c02-b059-
a230c37236ae
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SM_V9_5 iris    CDS     16497026        16497029        .       +
        0       Parent=Smp_330600.1
SM_V9_5 iris    CDS     16498505        16498543        .       +
        2       Parent=Smp_330600.1
SM_V9_5 iris    CDS     16500943        16500984        .       +
        2       Parent=Smp_330600.1
SM_V9_5 iris    CDS     16501063        16501104        .       +
        2       Parent=Smp_330600.1
SM_V9_5 iris    CDS     16503458        16503495        .       +
        2       Parent=Smp_330600.1
SM_V9_5 iris    CDS     16503574        16503618        .       +
        0       Parent=Smp_330600.1
SM_V9_5 iris    gene    16509850        16512752        .       -
        .
ID=Smp_334550;geneID=Smp_334550;gene_name=Smp_334550;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_5 iris    mRNA    16509850        16512752        .       -
        .
ID=Smp_334550.1;Parent=Smp_334550;geneID=Smp_334550;gene_name=Smp_33
4550;owner=irisadmin@local.host;orig_id=Smp_334550.1;date_last_modif
ied=2022-08-15;Name=Smp_334550.1;product=Grainyhead-like protein 3
homolog;date_creation=2022-08-15
SM_V9_5 iris    exon    16509850        16510701        .       -
        .       Parent=Smp_334550.1;Name=471ad1dc-750d-4a41-bd1b-
a11a91631f87
SM_V9_5 iris    exon    16512618        16512752        .       -
        .       Parent=Smp_334550.1;Name=139573dc-49b5-4ef7-af0b-
ce2e998d916b
SM_V9_5 iris    CDS     16510164        16510701        .       -
        1       Parent=Smp_334550.1
SM_V9_5 iris    CDS     16512618        16512751        .       -
        0       Parent=Smp_334550.1
SM_V9_5 iris    gene    16534304        16554110        .       -
        .
ID=Smp_334555;geneID=Smp_334555;gene_name=Smp_334555;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_5 iris    mRNA    16534304        16554110        .       -
        .
ID=Smp_334555.1;Parent=Smp_334555;geneID=Smp_334555;gene_name=Smp_33
4555;owner=irisadmin@local.host;orig_id=Smp_334550.1;date_last_modif
ied=2022-08-15;Name=Smp_334555.1;date_creation=2022-08-15
SM_V9_5 iris    exon    16534304        16534387        .       -
        .       Parent=Smp_334555.1;Name=1c254286-73b2-49fe-a5c0-
a585850fcc7e
SM_V9_5 iris    exon    16537284        16537325        .       -
        .       Parent=Smp_334555.1;Name=33e1a334-6b57-44ae-
af49-3f959a863107
SM_V9_5 iris    exon    16538535        16538576        .       -
        .       Parent=Smp_334555.1;Name=Smp_334555.1-CDS
SM_V9_5 iris    exon    16538655        16538696        .       -
        .       Parent=Smp_334555.1;Name=765d9ed9-a58a-466e-a714-
b9b92e5f4286
SM_V9_5 iris    exon    16540994        16541035        .       -
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Parent=Smp_334555.1;Name=fa565086-6a45-4029-9020-73b885fd0788
SM_V9_5 iris    exon    16542361        16542402        .       -
        .
Parent=Smp_334555.1;Name=5bf0dbb5-57db-472d-9a20-5843b5013769
SM_V9_5 iris    exon    16544699        16544740        .       -
        .       Parent=Smp_334555.1;Name=53d0b22d-5784-4c63-
a1a8-7601f04d392d
SM_V9_5 iris    exon    16545950        16545991        .       -
        .       Parent=Smp_334555.1;Name=15d0a615-9843-41c0-bfa4-
a74bce2a90ef
SM_V9_5 iris    exon    16546070        16546111        .       -
        .
Parent=Smp_334555.1;Name=2d9d57c6-1df5-497c-8ee6-6b306e41e05a
SM_V9_5 iris    exon    16548410        16548451        .       -
        .
Parent=Smp_334555.1;Name=26734d7c-1503-4e84-848a-3307a327e94b
SM_V9_5 iris    exon    16549659        16549700        .       -
        .       Parent=Smp_334555.1;Name=c43e635d-c2fb-436e-8a9a-
ec7c6488a8c6
SM_V9_5 iris    exon    16549779        16549820        .       -
        .       Parent=Smp_334555.1;Name=33c6753d-365d-492f-8dbd-
d54c0baa66ba
SM_V9_5 iris    exon    16554031        16554110        .       -
        .
Parent=Smp_334555.1;Name=20497e5e-6ed4-4631-80fa-34ee5047daeb
SM_V9_5 iris    CDS     16538542        16538576        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16538655        16538696        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16540994        16541035        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16542361        16542402        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16544699        16544740        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16545950        16545991        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16546070        16546111        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16548410        16548451        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16549659        16549700        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16549779        16549820        .       -
        2       Parent=Smp_334555.1
SM_V9_5 iris    CDS     16554031        16554088        .       -
        0       Parent=Smp_334555.1
SM_V9_5 iris    gene    16577121        16623917        .       -
        .
ID=Smp_314620;geneID=Smp_314620;gene_name=Smp_314620;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-29
SM_V9_5 iris    mRNA    16577121        16623917        .       -
        .
ID=Smp_314620.1;Parent=Smp_314620;geneID=Smp_314620;gene_name=Smp_31
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4620;owner=irisadmin@local.host;orig_id=Smp_314620.2;date_last_modif
ied=2022-08-15;Name=Smp_314620.1;product=Membrane-bound
transcription factor site-1 protease;date_creation=2022-07-29
SM_V9_5 iris    exon    16577121        16577892        .       -
        .
Parent=Smp_314620.1;Name=08eb4f18-4cda-49cf-848f-9846d934de85
SM_V9_5 iris    exon    16580182        16580338        .       -
        .       Parent=Smp_314620.1;Name=5ac83ff9-
d506-43ce-9b9b-7eda5946a465
SM_V9_5 iris    exon    16581232        16581375        .       -
        .       Parent=Smp_314620.1;Name=f600af2c-de18-4fd2-
b31a-335e4aa9a487
SM_V9_5 iris    exon    16583391        16583735        .       -
        .       Parent=Smp_314620.1;Name=19c2e659-b181-43b9-
bc84-338353a80858
SM_V9_5 iris    exon    16586354        16586397        .       -
        .       Parent=Smp_314620.1;Name=2fa2371c-620c-42ab-a1e0-
c47de5853b7d
SM_V9_5 iris    exon    16588909        16588989        .       -
        .       Parent=Smp_314620.1;Name=3c6cb016-
c6f4-42f0-8deb-3c7118f7afef
SM_V9_5 iris    exon    16591147        16591306        .       -
        .
Parent=Smp_314620.1;Name=a3b8b53b-0ce0-4d15-86b7-6a16f1af2871
SM_V9_5 iris    exon    16592282        16592397        .       -
        .
Parent=Smp_314620.1;Name=272ada37-531c-4105-81e6-34db9a622b4c
SM_V9_5 iris    exon    16593586        16593681        .       -
        .
Parent=Smp_314620.1;Name=be48a53b-217b-4d2b-955a-059311bb8b2b
SM_V9_5 iris    exon    16594059        16594132        .       -
        .       Parent=Smp_314620.1;Name=99aeb2ec-
e836-4adb-9ca3-15dbfa184354
SM_V9_5 iris    exon    16595239        16595490        .       -
        .       Parent=Smp_314620.1;Name=f41159ec-5ca1-43f1-
ab47-5c5fb2979d73
SM_V9_5 iris    exon    16596706        16596831        .       -
        .       Parent=Smp_314620.1;Name=f9d5c5cc-dff2-471b-a8f0-
bc8afc7e9146
SM_V9_5 iris    exon    16597943        16598192        .       -
        .
Parent=Smp_314620.1;Name=39fbf3a0-94b5-4088-8a66-97e49b253f87
SM_V9_5 iris    exon    16600325        16600476        .       -
        .       Parent=Smp_314620.1;Name=99cd8c43-e205-4583-
b579-70dd3e84d6df
SM_V9_5 iris    exon    16601042        16601212        .       -
        .       Parent=Smp_314620.1;Name=9eec0292-
f382-47e8-870c-9827903cfefa
SM_V9_5 iris    exon    16604514        16604837        .       -
        .       Parent=Smp_314620.1;Name=d682454c-ab17-40e7-
a02f-070f5e684cd8
SM_V9_5 iris    exon    16606148        16606309        .       -
        .       Parent=Smp_314620.1;Name=5e8b31eb-9037-4022-883b-
ab2189b78e9a
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SM_V9_5 iris    exon    16607266        16607322        .       -
        .       Parent=Smp_314620.1;Name=14fa761a-7664-40a6-
be28-2edae8887c18
SM_V9_5 iris    exon    16608901        16608935        .       -
        .       Parent=Smp_314620.1;Name=daad9319-
a0ab-47ec-853c-19b3c3645ada
SM_V9_5 iris    exon    16613316        16613460        .       -
        .       Parent=Smp_314620.1;Name=7d174027-7078-48f3-
bbb4-8a495cad051c
SM_V9_5 iris    exon    16615303        16615460        .       -
        .
Parent=Smp_314620.1;Name=a8236930-0b75-4f4e-91f2-20f6ad9a6b84
SM_V9_5 iris    exon    16621497        16621667        .       -
        .       Parent=Smp_314620.1;Name=1545ca7d-ecda-4e2e-9f4f-
f3d30d63c2b8
SM_V9_5 iris    exon    16623788        16623917        .       -
        .       Parent=Smp_314620.1;Name=9bdbe541-
c057-463c-8724-4ed424d781e0
SM_V9_5 iris    CDS     16577355        16577892        .       -
        1       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16580182        16580338        .       -
        2       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16581232        16581375        .       -
        2       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16583391        16583735        .       -
        2       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16586354        16586397        .       -
        1       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16588909        16588989        .       -
        1       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16591147        16591306        .       -
        2       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16592282        16592397        .       -
        1       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16593586        16593681        .       -
        1       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16594059        16594132        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16595239        16595490        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16596706        16596831        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16597943        16598192        .       -
        1       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16600325        16600476        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16601042        16601212        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16604514        16604837        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16606148        16606309        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16607266        16607322        .       -
        0       Parent=Smp_314620.1
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SM_V9_5 iris    CDS     16608901        16608935        .       -
        2       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16613316        16613460        .       -
        0       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16615303        16615460        .       -
        2       Parent=Smp_314620.1
SM_V9_5 iris    CDS     16621497        16621596        .       -
        0       Parent=Smp_314620.1
SM_V9_5 Liftoff gene    16653594        16680186        .       +
        .
ID=Smp_308910;geneID=Smp_308910;previous_systematic_id=Smp_008910
SM_V9_5 Liftoff mRNA    16653594        16680186        .       +
        .
ID=Smp_308910.1;Parent=Smp_308910;geneID=Smp_308910;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    16653594        16659044        .       +
        .       Parent=Smp_308910.1
SM_V9_5 Liftoff exon    16677838        16677973        .       +
        .       Parent=Smp_308910.1
SM_V9_5 Liftoff exon    16679871        16680186        .       +
        .       Parent=Smp_308910.1
SM_V9_5 Liftoff CDS     16659000        16659044        .       +
        0       Parent=Smp_308910.1
SM_V9_5 Liftoff CDS     16677838        16677973        .       +
        0       Parent=Smp_308910.1
SM_V9_5 Liftoff CDS     16679871        16680073        .       +
        2       Parent=Smp_308910.1
SM_V9_5 iris    gene    16686773        16707596        .       -
        .
ID=Smp_348380;geneID=Smp_348380;gene_name=Smp_348380;owner=irisadmin
@local.host;date_last_modified=2022-11-06;date_creation=2022-08-15
SM_V9_5 iris    mRNA    16686773        16707596        .       -
        .
ID=Smp_348380.1;Parent=Smp_348380;geneID=Smp_348380;gene_name=Smp_34
8380;owner=irisadmin@local.host;orig_id=Smp_348380.1;date_last_modif
ied=2022-08-15;Name=Smp_348380.1;product=Coenzyme PQQ synthesis
protein B;date_creation=2022-08-15
SM_V9_5 iris    exon    16686773        16686852        .       -
        .       Parent=Smp_348380.1;Name=a24771a2-c507-4b84-
a148-760cda575576
SM_V9_5 iris    exon    16687890        16687943        .       -
        .
Parent=Smp_348380.1;Name=db0239fb-2d97-4d9d-8326-4dafe5b48f2d
SM_V9_5 iris    exon    16690407        16690448        .       -
        .       Parent=Smp_348380.1;Name=c274e9db-2ec5-4c28-a795-
eae3d675f2b0
SM_V9_5 iris    exon    16691663        16691704        .       -
        .       Parent=Smp_348380.1;Name=f5b68a73-783c-4d50-
aeed-40263eb5b9ed
SM_V9_5 iris    exon    16691783        16691824        .       -
        .       Parent=Smp_348380.1;Name=4829fff1-6379-4b4d-b193-
b59209f8dfb7
SM_V9_5 iris    exon    16694123        16694164        .       -
        .       Parent=Smp_348380.1;Name=43c6a842-006d-4026-b0e9-
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e3bcab7fd827
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SM_V9_5 iris    exon    16695411        16695423        .       -
        .       Parent=Smp_348380.1;Name=c25520cc-5875-4754-aaa1-
ace852aaf677
SM_V9_5 iris    exon    16695502        16695543        .       -
        .       Parent=Smp_348380.1;Name=45a39cd8-aca8-45b8-8105-
a15276b0ff25
SM_V9_5 iris    exon    16697841        16697882        .       -
        .       Parent=Smp_348380.1;Name=64e85236-7fc6-4c68-
b051-611e5faa5aa0
SM_V9_5 iris    exon    16699097        16699138        .       -
        .       Parent=Smp_348380.1;Name=3feb7855-e633-48f1-9481-
b61e314a134c
SM_V9_5 iris    exon    16699217        16699258        .       -
        .       Parent=Smp_348380.1;Name=9aa010a3-3604-45d9-9416-
d36e73dc3af6
SM_V9_5 iris    exon    16701556        16701597        .       -
        .       Parent=Smp_348380.1;Name=cb0c361c-81d3-4f7b-95fb-
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SM_V9_5 iris    exon    16702813        16702854        .       -
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Parent=Smp_348380.1;Name=114b394b-1eea-41f3-89a0-05be190d109c
SM_V9_5 iris    exon    16702933        16702974        .       -
        .       Parent=Smp_348380.1;Name=68060149-7b83-4a71-
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SM_V9_5 iris    exon    16706397        16706432        .       -
        .
Parent=Smp_348380.1;Name=40b4ebe7-165f-42e1-8eaf-1525790213bc
SM_V9_5 iris    exon    16707517        16707596        .       -
        .       Parent=Smp_348380.1;Name=5d7d7c65-cf69-4625-
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SM_V9_5 iris    CDS     16687915        16687943        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16690407        16690448        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16691663        16691704        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16691783        16691824        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16694123        16694164        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16695380        16695408        .       -
        1       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16695411        16695423        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16695502        16695543        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16697841        16697882        .       -
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        2       Parent=Smp_348380.1
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SM_V9_5 iris    CDS     16699217        16699258        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16701556        16701597        .       -
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SM_V9_5 iris    CDS     16702813        16702854        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16702933        16702974        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16706397        16706432        .       -
        2       Parent=Smp_348380.1
SM_V9_5 iris    CDS     16707517        16707574        .       -
        0       Parent=Smp_348380.1
SM_V9_5 Liftoff gene    16736457        16787880        .       -
        .
ID=Smp_304140;geneID=Smp_304140;previous_systematic_id=Smp_154140
SM_V9_5 Liftoff mRNA    16736457        16787880        .       -
        .
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protease;polypeptide_domain=InterPro:IPR000209,IPR015500,IPR022398,I
PR023828 Pfam:PF00082;Ontology_term=GO:0004252,GO:0006508
SM_V9_5 Liftoff exon    16736457        16737304        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16739024        16739180        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16740074        16740217        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16742233        16742577        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16745704        16745747        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16748496        16748576        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16750730        16750889        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16751851        16751966        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16752867        16752962        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16753344        16753417        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16754523        16754774        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16757499        16757624        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16758734        16758983        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16760348        16760499        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16761109        16761279        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16764380        16764703        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16766493        16766654        .       -
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        .       Parent=Smp_304140.1
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        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16769467        16769501        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16773850        16773994        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16775845        16776002        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff exon    16779304        16787880        .       -
        .       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16736767        16737304        .       -
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SM_V9_5 Liftoff CDS     16739024        16739180        .       -
        2       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16740074        16740217        .       -
        2       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16742233        16742577        .       -
        2       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16745704        16745747        .       -
        1       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16748496        16748576        .       -
        1       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16750730        16750889        .       -
        2       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16751851        16751966        .       -
        1       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16752867        16752962        .       -
        1       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16753344        16753417        .       -
        0       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16754523        16754774        .       -
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SM_V9_5 Liftoff CDS     16758734        16758983        .       -
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SM_V9_5 Liftoff CDS     16760348        16760499        .       -
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SM_V9_5 Liftoff CDS     16764380        16764703        .       -
        0       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16766493        16766654        .       -
        0       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16767882        16767938        .       -
        0       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16769467        16769501        .       -
        2       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16773850        16773994        .       -
        0       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16775845        16776002        .       -
        2       Parent=Smp_304140.1
SM_V9_5 Liftoff CDS     16779304        16779403        .       -
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SM_V9_5 Liftoff gene    16813158        16815613        .       -
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SM_V9_5 Liftoff mRNA    16813158        16815613        .       -
        .
ID=Smp_309480.1;Parent=Smp_309480;geneID=Smp_309480;product=thioredo
xin peroxidase;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR000866,IPR012336,IPR013766,
IPR019479,IPR024706
Pfam:PF00578,PF10417;Ontology_term=GO:0016209,GO:0016491,GO:0045454,
GO:0051920,GO:0055114
SM_V9_5 Liftoff exon    16813158        16813472        .       -
        .       Parent=Smp_309480.1
SM_V9_5 Liftoff exon    16814064        16814303        .       -
        .       Parent=Smp_309480.1
SM_V9_5 Liftoff exon    16815450        16815613        .       -
        .       Parent=Smp_309480.1
SM_V9_5 Liftoff CDS     16813286        16813472        .       -
        1       Parent=Smp_309480.1
SM_V9_5 Liftoff CDS     16814064        16814303        .       -
        1       Parent=Smp_309480.1
SM_V9_5 Liftoff CDS     16815450        16815580        .       -
        0       Parent=Smp_309480.1
SM_V9_5 iris    gene    16822187        16824634        .       +
        .
ID=Smp_314640;geneID=Smp_314640;gene_name=Smp_314640;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    16822187        16824634        .       +
        .
ID=Smp_314640.1;Parent=Smp_314640;geneID=Smp_314640;gene_name=Smp_31
4640;owner=irisadmin@local.host;orig_id=Smp_314640.2;date_last_modif
ied=2022-08-01;Name=Smp_314640.1;product=thioredoxin
peroxidase;date_creation=2022-07-29
SM_V9_5 iris    exon    16822187        16822351        .       +
        .       Parent=Smp_314640.1;Name=ad0fae38-77db-4fb0-
b211-707593714ef2
SM_V9_5 iris    exon    16823498        16823737        .       +
        .
Parent=Smp_314640.1;Name=efb64950-6c4c-473c-9281-5d28a47c2bec
SM_V9_5 iris    exon    16824329        16824634        .       +
        .
Parent=Smp_314640.1;Name=c863ad4a-3c68-4ad3-8f6a-9262b69cd513
SM_V9_5 iris    CDS     16822221        16822351        .       +
        0       Parent=Smp_314640.1
SM_V9_5 iris    CDS     16823498        16823737        .       +
        1       Parent=Smp_314640.1
SM_V9_5 iris    CDS     16824329        16824515        .       +
        1       Parent=Smp_314640.1
SM_V9_5 Liftoff gene    16831537        16866668        .       +
        .
ID=Smp_334560;geneID=Smp_334560;previous_systematic_id=Smp_154170,Sm
p_242840
SM_V9_5 Liftoff mRNA    16831537        16866668        .       +
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ID=Smp_334560.1;Parent=Smp_334560;geneID=Smp_334560;product=Hypothet
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Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_5 Liftoff exon    16831537        16831711        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16837820        16837979        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16844365        16844468        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16846505        16846582        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16849546        16849650        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16857772        16857862        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16860965        16861059        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16864391        16864480        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff exon    16866315        16866668        .       +
        .       Parent=Smp_334560.1
SM_V9_5 Liftoff CDS     16831610        16831711        .       +
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SM_V9_5 Liftoff CDS     16837820        16837979        .       +
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SM_V9_5 Liftoff CDS     16846505        16846582        .       +
        0       Parent=Smp_334560.1
SM_V9_5 Liftoff CDS     16849546        16849650        .       +
        0       Parent=Smp_334560.1
SM_V9_5 Liftoff CDS     16857772        16857862        .       +
        0       Parent=Smp_334560.1
SM_V9_5 Liftoff CDS     16860965        16861059        .       +
        2       Parent=Smp_334560.1
SM_V9_5 Liftoff CDS     16864391        16864480        .       +
        0       Parent=Smp_334560.1
SM_V9_5 Liftoff CDS     16866315        16866599        .       +
        0       Parent=Smp_334560.1
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        .
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SM_V9_5 iris    mRNA    16877297        16881794        .       -
        .
ID=Smp_154160.1;Parent=Smp_154160;geneID=Smp_154160;gene_name=Smp_15
4160;owner=irisadmin@local.host;orig_id=Smp_154160.1;date_last_modif
ied=2022-07-17;Name=Smp_154160.1;product=ER lumen protein-retaining
receptor 2;date_creation=2022-07-17
SM_V9_5 iris    exon    16877297        16877915        .       -
        .       Parent=Smp_154160.1;Name=ebe540bf-b633-4014-
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SM_V9_5 iris    exon    16879681        16879933        .       -
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        .       Parent=Smp_154160.1;Name=b9d5b309-d6ee-4b48-8075-
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SM_V9_5 iris    exon    16881318        16881577        .       -
        .       Parent=Smp_154160.1;Name=fea2ca1a-f9d0-45ea-b118-
d5b6e40e16ed
SM_V9_5 iris    exon    16881613        16881794        .       -
        .       Parent=Smp_154160.1;Name=aa1b3023-4282-4d15-
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SM_V9_5 iris    CDS     16877881        16877915        .       -
        2       Parent=Smp_154160.1
SM_V9_5 iris    CDS     16879681        16879933        .       -
        0       Parent=Smp_154160.1
SM_V9_5 iris    CDS     16881318        16881577        .       -
        2       Parent=Smp_154160.1
SM_V9_5 iris    CDS     16881613        16881703        .       -
        0       Parent=Smp_154160.1
SM_V9_5 iris    gene    16898367        16976376        .       +
        .
ID=Smp_321250;geneID=Smp_321250;gene_name=Smp_321250;owner=irisadmin
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SM_V9_5 iris    mRNA    16898367        16976376        .       +
        .
ID=Smp_321250.1;Parent=Smp_321250;geneID=Smp_321250;gene_name=Smp_32
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ied=2022-07-29;Name=Smp_321250.1;product=Synaptic vesicle membrane
protein VAT-1 homolog-like;date_creation=2022-07-17
SM_V9_5 iris    exon    16898367        16898454        .       +
        .       Parent=Smp_321250.1;Name=15b7408b-5aaa-431c-844f-
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SM_V9_5 iris    exon    16899374        16899558        .       +
        .       Parent=Smp_321250.1;Name=ece17def-92df-490d-b9ac-
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SM_V9_5 iris    exon    16899597        16899737        .       +
        .
Parent=Smp_321250.1;Name=f21e70f6-7694-45af-8d1b-57e054b00f97
SM_V9_5 iris    exon    16902420        16903092        .       +
        .       Parent=Smp_321250.1;Name=07dc4ec6-4664-4cbb-b6b3-
d8ac3c74eb96
SM_V9_5 iris    exon    16905948        16906598        .       +
        .       Parent=Smp_321250.1;Name=63acb382-7960-484d-874c-
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SM_V9_5 iris    exon    16909977        16910052        .       +
        .
Parent=Smp_321250.1;Name=48d95acb-6cb4-47ff-94ac-93212cf94f08
SM_V9_5 iris    exon    16917303        16917406        .       +
        .       Parent=Smp_321250.1;Name=300c61a3-6d48-483f-947a-
b06244487140
SM_V9_5 iris    exon    16919624        16919685        .       +
        .
Parent=Smp_321250.1;Name=aa572096-0641-44f8-95e4-4c59ef67d703
SM_V9_5 iris    exon    16921748        16921901        .       +
        .
Parent=Smp_321250.1;Name=e02d1244-1665-4610-9ec0-6cccd57b884f
SM_V9_5 iris    exon    16923813        16923869        .       +
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SM_V9_5 iris    exon    16924669        16924735        .       +
        .       Parent=Smp_321250.1;Name=7e4b4ee1-a7de-403b-
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SM_V9_5 iris    exon    16926393        16926572        .       +
        .       Parent=Smp_321250.1;Name=7ccdcc47-0504-476d-b1c5-
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SM_V9_5 iris    exon    16928230        16928319        .       +
        .       Parent=Smp_321250.1;Name=89f4376c-f8d6-4b51-
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SM_V9_5 iris    exon    16930540        16930817        .       +
        .       Parent=Smp_321250.1;Name=87d6d0ee-273b-4346-89d1-
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SM_V9_5 iris    exon    16932564        16932676        .       +
        .       Parent=Smp_321250.1;Name=e4bae7fb-e2ec-4eae-a346-
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SM_V9_5 iris    exon    16933357        16933591        .       +
        .       Parent=Smp_321250.1;Name=0f09a0c6-31d1-4826-acf7-
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SM_V9_5 iris    exon    16936289        16936314        .       +
        .       Parent=Smp_321250.1;Name=05b3c15d-1237-4e53-
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SM_V9_5 iris    exon    16938978        16939131        .       +
        .       Parent=Smp_321250.1;Name=98845ab9-4414-4b96-924b-
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SM_V9_5 iris    exon    16941403        16941642        .       +
        .       Parent=Smp_321250.1;Name=1d8fb4b9-c174-4245-bb97-
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SM_V9_5 iris    exon    16943323        16943448        .       +
        .       Parent=Smp_321250.1;Name=7d77ab22-6120-42df-b768-
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SM_V9_5 iris    exon    16945620        16945711        .       +
        .       Parent=Smp_321250.1;Name=26a7cc87-b87e-4950-
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SM_V9_5 iris    exon    16947610        16947835        .       +
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ee761a8f07e7
SM_V9_5 iris    exon    16952468        16952792        .       +
        .       Parent=Smp_321250.1;Name=c1e5aaed-
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SM_V9_5 iris    exon    16955660        16955743        .       +
        .       Parent=Smp_321250.1;Name=08f2c192-96f6-4af3-
b462-1c0fadbbac29
SM_V9_5 iris    exon    16958262        16958331        .       +
        .       Parent=Smp_321250.1;Name=4c9a07a4-
ad39-4dce-93cc-2b772a09303f
SM_V9_5 iris    exon    16960425        16960594        .       +
        .       Parent=Smp_321250.1;Name=004a4f25-ae13-4205-
b429-261dd6b0f67e
SM_V9_5 iris    exon    16962793        16962929        .       +
        .       Parent=Smp_321250.1;Name=fc80920a-e232-4da7-
b085-29903ee0a55d
SM_V9_5 iris    exon    16968270        16968386        .       +
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        .       Parent=Smp_321250.1;Name=3e5369cc-fa85-4d23-8dac-
d6b1a17d0784
SM_V9_5 iris    exon    16973849        16974064        .       +
        .       Parent=Smp_321250.1;Name=03fd81a4-8fc8-4b19-8c0e-
ece6d65dc9f5
SM_V9_5 iris    exon    16976229        16976376        .       +
        .
Parent=Smp_321250.1;Name=4a6aea4b-382f-48f9-81cf-949689f80be3
SM_V9_5 iris    CDS     16899503        16899558        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16899597        16899737        .       +
        1       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16902420        16903092        .       +
        1       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16905948        16906598        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16909977        16910052        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16917303        16917406        .       +
        2       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16919624        16919685        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16921748        16921901        .       +
        1       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16923813        16923869        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16924669        16924735        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16926393        16926572        .       +
        2       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16928230        16928319        .       +
        2       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16930540        16930817        .       +
        2       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16932564        16932676        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16933357        16933591        .       +
        1       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16936289        16936314        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16938978        16939131        .       +
        1       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16941403        16941642        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16943323        16943448        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16945620        16945711        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16947610        16947835        .       +
        1       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16952468        16952792        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16955660        16955743        .       +
        2       Parent=Smp_321250.1
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SM_V9_5 iris    CDS     16958262        16958331        .       +
        2       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16960425        16960594        .       +
        1       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16962793        16962929        .       +
        2       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16968270        16968386        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16973849        16974064        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    CDS     16976229        16976330        .       +
        0       Parent=Smp_321250.1
SM_V9_5 iris    gene    16983349        17003849        .       +
        .
ID=Smp_321255;geneID=Smp_321255;gene_name=Smp_321255;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    16983349        17003849        .       +
        .
ID=Smp_321255.1;Parent=Smp_321255;geneID=Smp_321255;gene_name=Smp_32
1255;owner=irisadmin@local.host;orig_id=Smp_321250.3;date_last_modif
ied=2022-07-17;Name=Smp_321255.1;date_creation=2022-07-17
SM_V9_5 iris    exon    16983349        16983876        .       +
        .       Parent=Smp_321255.1;Name=Smp_321255.1-CDS
SM_V9_5 iris    exon    16986828        16986957        .       +
        .       Parent=Smp_321255.1;Name=e36c4c7a-
b8bd-4ba2-83d7-82be8949a8f0
SM_V9_5 iris    exon    16993194        16993655        .       +
        .       Parent=Smp_321255.1;Name=4c67bdbd-8cd6-42de-aa91-
ef28c38b3c88
SM_V9_5 iris    exon    16996063        16996205        .       +
        .       Parent=Smp_321255.1;Name=0b1c4967-2285-4135-b32e-
afb72d6fcd3a
SM_V9_5 iris    exon    16998073        16998176        .       +
        .       Parent=Smp_321255.1;Name=f4ac9810-c493-40fc-9397-
e7064e52b5fb
SM_V9_5 iris    exon    16999259        16999314        .       +
        .       Parent=Smp_321255.1;Name=b4d8c754-9477-40d9-8b3c-
aa304e0d0d1e
SM_V9_5 iris    exon    17000010        17000219        .       +
        .       Parent=Smp_321255.1;Name=b2c09787-11a7-4cac-
b29d-510065f54799
SM_V9_5 iris    exon    17001999        17002079        .       +
        .       Parent=Smp_321255.1;Name=c19c947b-
dff0-4302-8d09-56dcc58eab44
SM_V9_5 iris    exon    17003220        17003849        .       +
        .       Parent=Smp_321255.1;Name=2a057b66-e6bc-4676-
b710-614cb95eae60
SM_V9_5 iris    CDS     16983860        16983876        .       +
        0       Parent=Smp_321255.1
SM_V9_5 iris    CDS     16986828        16986957        .       +
        1       Parent=Smp_321255.1
SM_V9_5 iris    CDS     16993194        16993655        .       +
        0       Parent=Smp_321255.1
SM_V9_5 iris    CDS     16996063        16996205        .       +
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        0       Parent=Smp_321255.1
SM_V9_5 iris    CDS     16998073        16998176        .       +
        1       Parent=Smp_321255.1
SM_V9_5 iris    CDS     16999259        16999314        .       +
        2       Parent=Smp_321255.1
SM_V9_5 iris    CDS     17000010        17000219        .       +
        0       Parent=Smp_321255.1
SM_V9_5 iris    CDS     17001999        17002079        .       +
        0       Parent=Smp_321255.1
SM_V9_5 iris    CDS     17003220        17003291        .       +
        0       Parent=Smp_321255.1
SM_V9_5 Liftoff gene    17007832        17051053        .       -
        .
ID=Smp_334570;geneID=Smp_334570;previous_systematic_id=Smp_159210,Sm
p_159220,Smp_183620
SM_V9_5 Liftoff mRNA    17007832        17051053        .       -
        .
ID=Smp_334570.1;Parent=Smp_334570;geneID=Smp_334570;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    17007832        17008244        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17010283        17010549        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17017550        17017667        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17027089        17027374        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17030913        17031132        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17032307        17032480        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17034321        17034602        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17037976        17038305        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17040834        17041012        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff exon    17041430        17051053        .       -
        .       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17007864        17008244        .       -
        0       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17010283        17010549        .       -
        0       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17017550        17017667        .       -
        1       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17027089        17027374        .       -
        2       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17030913        17031132        .       -
        0       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17032307        17032480        .       -
        0       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17034321        17034602        .       -
        0       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17037976        17038305        .       -
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        0       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17040834        17041012        .       -
        2       Parent=Smp_334570.1
SM_V9_5 Liftoff CDS     17041430        17041511        .       -
        0       Parent=Smp_334570.1
SM_V9_5 Liftoff gene    17095488        17130523        .       -
        .
ID=Smp_347150;geneID=Smp_347150;previous_systematic_id=Smp_202880
SM_V9_5 Liftoff mRNA    17095488        17130523        .       -
        .
ID=Smp_347150.1;Parent=Smp_347150;geneID=Smp_347150;product=Iroquois
-class homeodomain protein
irx-4;polypeptide_domain=InterPro:IPR001356,IPR008422,IPR009057,IPR0
17970 Pfam:PF05920;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_5 Liftoff exon    17095488        17096874        .       -
        .       Parent=Smp_347150.1
SM_V9_5 Liftoff exon    17097157        17097373        .       -
        .       Parent=Smp_347150.1
SM_V9_5 Liftoff exon    17099893        17100049        .       -
        .       Parent=Smp_347150.1
SM_V9_5 Liftoff exon    17101093        17102843        .       -
        .       Parent=Smp_347150.1
SM_V9_5 Liftoff exon    17129553        17130523        .       -
        .       Parent=Smp_347150.1
SM_V9_5 Liftoff CDS     17096147        17096874        .       -
        2       Parent=Smp_347150.1
SM_V9_5 Liftoff CDS     17097157        17097373        .       -
        0       Parent=Smp_347150.1
SM_V9_5 Liftoff CDS     17099893        17100049        .       -
        1       Parent=Smp_347150.1
SM_V9_5 Liftoff CDS     17101093        17102843        .       -
        0       Parent=Smp_347150.1
SM_V9_5 Liftoff CDS     17129553        17129672        .       -
        0       Parent=Smp_347150.1
SM_V9_5 Liftoff gene    17171897        17218223        .       +
        .
ID=Smp_345040;geneID=Smp_345040;previous_systematic_id=Smp_159200
SM_V9_5 Liftoff mRNA    17171897        17218223        .       +
        .
ID=Smp_345040.1;Parent=Smp_345040;geneID=Smp_345040;product=NACHT
and WD repeat domain-containing protein
2;polypeptide_domain=InterPro:IPR027417
SM_V9_5 Liftoff exon    17171897        17172284        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17175499        17175594        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17178089        17178169        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17181771        17181905        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17185613        17185775        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17186979        17187214        .       +
        .       Parent=Smp_345040.1
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SM_V9_5 Liftoff exon    17190844        17191086        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17192613        17192821        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17193414        17193703        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17196861        17197162        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17200747        17201042        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17203594        17203812        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17207031        17207148        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17208092        17208203        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17210914        17213988        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17214274        17214349        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff exon    17216936        17218223        .       +
        .       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17172165        17172284        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17175499        17175594        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17178089        17178169        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17181771        17181905        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17185613        17185775        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17186979        17187214        .       +
        2       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17190844        17191086        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17192613        17192821        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17193414        17193703        .       +
        1       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17196861        17197162        .       +
        2       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17200747        17201042        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17203594        17203812        .       +
        1       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17207031        17207148        .       +
        1       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17208092        17208203        .       +
        0       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17210914        17213988        .       +
        2       Parent=Smp_345040.1
SM_V9_5 Liftoff CDS     17214274        17214349        .       +
        2       Parent=Smp_345040.1
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SM_V9_5 Liftoff CDS     17216936        17218091        .       +
        1       Parent=Smp_345040.1
SM_V9_5 iris    gene    17278321        17283515        .       +
        .
ID=Smp_147090;geneID=Smp_147090;gene_name=Smp_147090;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    17278321        17283515        .       +
        .
ID=Smp_147090.1;Parent=Smp_147090;geneID=Smp_147090;gene_name=Smp_14
7090;owner=irisadmin@local.host;orig_id=Smp_147090.1;date_last_modif
ied=2022-07-17;Name=Smp_147090.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    17278321        17278404        .       +
        .
Parent=Smp_147090.1;Name=119be68f-7695-4b01-8f00-3c89e0000ea2
SM_V9_5 iris    exon    17278607        17279727        .       +
        .
Parent=Smp_147090.1;Name=f853ecce-9bd8-490a-8212-402ec0f33d47
SM_V9_5 iris    exon    17281579        17281780        .       +
        .       Parent=Smp_147090.1;Name=b55cac9a-0666-4a2f-b9a3-
b76b6b309e99
SM_V9_5 iris    exon    17283128        17283515        .       +
        .       Parent=Smp_147090.1;Name=eebdd684-fd71-4de3-
bcb9-0637b9ceea0c
SM_V9_5 iris    CDS     17278740        17279727        .       +
        0       Parent=Smp_147090.1
SM_V9_5 iris    CDS     17281579        17281631        .       +
        2       Parent=Smp_147090.1
SM_V9_5 Liftoff gene    17336872        17342947        .       -
        .
ID=Smp_314660;geneID=Smp_314660;previous_systematic_id=Smp_147080,Sm
p_199030
SM_V9_5 Liftoff mRNA    17336872        17342947        .       -
        .
ID=Smp_314660.1;Parent=Smp_314660;geneID=Smp_314660;product=Probable
RNA-binding protein
18;polypeptide_domain=InterPro:IPR000504;Ontology_term=GO:0003676
SM_V9_5 Liftoff exon    17336872        17342947        .       -
        .       Parent=Smp_314660.1
SM_V9_5 Liftoff CDS     17342633        17342896        .       -
        0       Parent=Smp_314660.1
SM_V9_5 iris    gene    17365914        17376644        .       -
        .
ID=Smp_314670;geneID=Smp_314670;gene_name=Smp_314670;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    17365914        17376644        .       -
        .
ID=Smp_314670.1;Parent=Smp_314670;geneID=Smp_314670;gene_name=Smp_31
4670;owner=irisadmin@local.host;orig_id=Smp_314670.1;date_last_modif
ied=2022-07-17;Name=Smp_314670.1;product=Filamin-
A;date_creation=2022-07-17
SM_V9_5 iris    exon    17365914        17366075        .       -
        .       Parent=Smp_314670.1;Name=52ec4d0f-1c5f-487a-9e79-
f71880b30e8b
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SM_V9_5 iris    exon    17366877        17366916        .       -
        .       Parent=Smp_314670.1;Name=c8921ce8-03ce-45fe-
bfc3-02d87546701d
SM_V9_5 iris    exon    17367090        17367112        .       -
        .       Parent=Smp_314670.1;Name=b1a8d414-b5b2-49eb-911d-
c29a9648515b
SM_V9_5 iris    exon    17368301        17368330        .       -
        .       Parent=Smp_314670.1;Name=db9d070f-864e-4bb6-b513-
b74fa121a314
SM_V9_5 iris    exon    17368913        17368969        .       -
        .       Parent=Smp_314670.1;Name=ae22e5fe-4a17-46e5-
b2fa-33a4d43d03d8
SM_V9_5 iris    exon    17369312        17369383        .       -
        .       Parent=Smp_314670.1;Name=edfe8678-07d8-4924-bc15-
dc499cc92597
SM_V9_5 iris    exon    17371352        17371550        .       -
        .       Parent=Smp_314670.1;Name=b51afdb9-c84a-4dee-a100-
f531f33b11b2
SM_V9_5 iris    exon    17371975        17372033        .       -
        .       Parent=Smp_314670.1;Name=9373e13b-499a-4d65-8345-
d626f1115fd8
SM_V9_5 iris    exon    17373202        17373430        .       -
        .       Parent=Smp_314670.1;Name=27dd6028-3753-4746-
aeca-47f92b756b16
SM_V9_5 iris    exon    17373868        17373974        .       -
        .       Parent=Smp_314670.1;Name=1266e8e9-1eba-43f8-
b0bd-8b6fae4618f9
SM_V9_5 iris    exon    17374738        17374782        .       -
        .       Parent=Smp_314670.1;Name=d829787c-b84c-47ee-813d-
d0c68c6f9f2c
SM_V9_5 iris    exon    17376537        17376644        .       -
        .       Parent=Smp_314670.1;Name=8994dee2-2605-4be5-bcb3-
ae93998ec237
SM_V9_5 iris    CDS     17367093        17367112        .       -
        2       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17368301        17368330        .       -
        2       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17368913        17368969        .       -
        2       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17369312        17369383        .       -
        2       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17371352        17371550        .       -
        0       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17371975        17372033        .       -
        2       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17373202        17373430        .       -
        0       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17373868        17373974        .       -
        2       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17374738        17374782        .       -
        2       Parent=Smp_314670.1
SM_V9_5 iris    CDS     17376537        17376597        .       -
        0       Parent=Smp_314670.1
SM_V9_5 iris    gene    17463611        17473064        .       -
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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    17463611        17473064        .       -
        .
ID=Smp_340790.1;Parent=Smp_340790;geneID=Smp_340790;gene_name=Smp_34
0790;owner=irisadmin@local.host;orig_id=Smp_340790.1;date_last_modif
ied=2022-07-17;Name=Smp_340790.1;product=Probable RNA-binding
protein 18;date_creation=2022-07-17
SM_V9_5 iris    exon    17463611        17464298        .       -
        .       Parent=Smp_340790.1;Name=f0eb65f6-e4c9-426a-
a69e-9b5fdf0d45d9
SM_V9_5 iris    exon    17465810        17465958        .       -
        .       Parent=Smp_340790.1;Name=e84dc7a5-5c13-4255-bb1d-
cf47ad97ae38
SM_V9_5 iris    exon    17467205        17467444        .       -
        .
Parent=Smp_340790.1;Name=88cc66d8-709c-4182-9054-80bddc8fb82d
SM_V9_5 iris    exon    17471089        17471358        .       -
        .       Parent=Smp_340790.1;Name=2ba6bc1e-b5b3-455b-b264-
cf92ea8bac84
SM_V9_5 iris    exon    17472777        17473064        .       -
        .       Parent=Smp_340790.1;Name=cfb998e0-a201-4d2d-978d-
e252ecb4e38e
SM_V9_5 iris    CDS     17463919        17464298        .       -
        2       Parent=Smp_340790.1
SM_V9_5 iris    CDS     17465810        17465958        .       -
        1       Parent=Smp_340790.1
SM_V9_5 iris    CDS     17467205        17467444        .       -
        1       Parent=Smp_340790.1
SM_V9_5 iris    CDS     17471089        17471348        .       -
        0       Parent=Smp_340790.1
SM_V9_5 iris    gene    17483142        17494627        .       -
        .
ID=Smp_303450;geneID=Smp_303450;gene_name=Smp_303450;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    17483142        17494627        .       -
        .
ID=Smp_303450.1;Parent=Smp_303450;geneID=Smp_303450;gene_name=Smp_30
3450;owner=irisadmin@local.host;orig_id=Smp_303450.1;date_last_modif
ied=2022-08-18;Name=Smp_303450.1;product=KH domain-containing
protein 3;date_creation=2022-08-18
SM_V9_5 iris    exon    17483142        17483303        .       -
        .       Parent=Smp_303450.1;Name=1dab14e2-2699-4385-a0e2-
a41db45840bd
SM_V9_5 iris    exon    17483774        17483796        .       -
        .       Parent=Smp_303450.1;Name=7ca6d6fa-ee19-4032-
a510-40a731f4f950
SM_V9_5 iris    exon    17484981        17485010        .       -
        .       Parent=Smp_303450.1;Name=f66654bf-76ba-4878-
b277-7b7286d434dc
SM_V9_5 iris    exon    17486153        17486209        .       -
        .       Parent=Smp_303450.1;Name=3bb8c03e-e3dc-433f-a1aa-
a2dd7aa96949
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SM_V9_5 iris    exon    17486929        17487000        .       -
        .       Parent=Smp_303450.1;Name=33226d31-ce3b-440b-8bbd-
d317493fbeed
SM_V9_5 iris    exon    17487628        17487699        .       -
        .       Parent=Smp_303450.1;Name=322ccf4e-78cc-41d7-a8cd-
b6a27e17dcaf
SM_V9_5 iris    exon    17488561        17488759        .       -
        .       Parent=Smp_303450.1;Name=83b68f1d-29c9-4582-
a44a-678f21f68794
SM_V9_5 iris    exon    17489182        17489240        .       -
        .
Parent=Smp_303450.1;Name=b4a075dc-16da-4344-8120-0cee0202b344
SM_V9_5 iris    exon    17489921        17489941        .       -
        .
Parent=Smp_303450.1;Name=8a3ea0dd-32c4-4718-91b3-31093d394875
SM_V9_5 iris    exon    17490154        17490171        .       -
        .       Parent=Smp_303450.1;Name=1fe48dfa-2306-45eb-aaea-
cff4fa42b9e4
SM_V9_5 iris    exon    17490302        17490530        .       -
        .       Parent=Smp_303450.1;Name=47d4241b-
d00c-4d45-9b7e-1e41f9d041d9
SM_V9_5 iris    exon    17490919        17491025        .       -
        .       Parent=Smp_303450.1;Name=954eb05b-8176-4480-a4fe-
eafc6e0a29f6
SM_V9_5 iris    exon    17491781        17491825        .       -
        .       Parent=Smp_303450.1;Name=baf20439-
e813-4b17-8a10-92645b0f3589
SM_V9_5 iris    exon    17494428        17494627        .       -
        .       Parent=Smp_303450.1;Name=46d61440-2d8b-4e71-
b8c6-240f6651eddb
SM_V9_5 iris    CDS     17483777        17483796        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17484981        17485010        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17486153        17486209        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17486929        17487000        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17487628        17487699        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17488561        17488759        .       -
        0       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17489182        17489240        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17489921        17489941        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17490154        17490171        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17490302        17490530        .       -
        0       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17490919        17491025        .       -
        2       Parent=Smp_303450.1
SM_V9_5 iris    CDS     17491781        17491825        .       -
        2       Parent=Smp_303450.1
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SM_V9_5 iris    CDS     17494428        17494488        .       -
        0       Parent=Smp_303450.1
SM_V9_5 Liftoff gene    17501769        17506647        .       -
        .       ID=Smp_330620;geneID=Smp_330620
SM_V9_5 Liftoff mRNA    17501769        17506647        .       -
        .
ID=Smp_330620.1;Parent=Smp_330620;geneID=Smp_330620;product=V-type
proton ATPase subunit
e;polypeptide_domain=InterPro:IPR008389,IPR017385
Pfam:PF05493;Ontology_term=GO:0015078,GO:0015991,GO:0033179
SM_V9_5 Liftoff exon    17501769        17502087        .       -
        .       Parent=Smp_330620.1
SM_V9_5 Liftoff exon    17506240        17506330        .       -
        .       Parent=Smp_330620.1
SM_V9_5 Liftoff exon    17506366        17506413        .       -
        .       Parent=Smp_330620.1
SM_V9_5 Liftoff exon    17506450        17506647        .       -
        .       Parent=Smp_330620.1
SM_V9_5 Liftoff CDS     17502079        17502087        .       -
        0       Parent=Smp_330620.1
SM_V9_5 Liftoff CDS     17506240        17506330        .       -
        1       Parent=Smp_330620.1
SM_V9_5 Liftoff CDS     17506366        17506413        .       -
        1       Parent=Smp_330620.1
SM_V9_5 Liftoff CDS     17506450        17506556        .       -
        0       Parent=Smp_330620.1
SM_V9_5 Liftoff gene    17524941        17527295        .       +
        .       ID=Smp_143440;geneID=Smp_143440
SM_V9_5 Liftoff mRNA    17524941        17527295        .       +
        .
ID=Smp_143440.1;Parent=Smp_143440;geneID=Smp_143440;product=Glucose-
fructose oxidoreductase domain-containing protein 1
SM_V9_5 Liftoff exon    17524941        17526281        .       +
        .       Parent=Smp_143440.1
SM_V9_5 Liftoff exon    17526813        17527295        .       +
        .       Parent=Smp_143440.1
SM_V9_5 Liftoff CDS     17525055        17526281        .       +
        0       Parent=Smp_143440.1
SM_V9_5 Liftoff CDS     17526813        17527055        .       +
        0       Parent=Smp_143440.1
SM_V9_5 Liftoff gene    17527951        17556627        .       -
        .       ID=Smp_039180;geneID=Smp_039180
SM_V9_5 Liftoff mRNA    17527951        17556627        .       -
        .
ID=Smp_039180.1;Parent=Smp_039180;geneID=Smp_039180;product=Nuclear
protein localization protein 4
homolog;polypeptide_domain=InterPro:IPR001876,IPR007716,IPR007717,IP
R024682 Pfam:PF05020,PF05021,PF11543
SM_V9_5 Liftoff exon    17527951        17528593        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17534216        17534537        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17539778        17539963        .       -
        .       Parent=Smp_039180.1
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SM_V9_5 Liftoff exon    17545074        17545361        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17547045        17547218        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17548196        17548508        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17552298        17552392        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17554439        17554487        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17555028        17555155        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17556277        17556346        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff exon    17556385        17556627        .       -
        .       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17528340        17528593        .       -
        2       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17534216        17534537        .       -
        0       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17539778        17539963        .       -
        0       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17545074        17545361        .       -
        0       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17547045        17547218        .       -
        0       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17548196        17548508        .       -
        1       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17552298        17552392        .       -
        0       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17554439        17554487        .       -
        1       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17555028        17555155        .       -
        0       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17556277        17556346        .       -
        1       Parent=Smp_039180.1
SM_V9_5 Liftoff CDS     17556385        17556584        .       -
        0       Parent=Smp_039180.1
SM_V9_5 Liftoff gene    17572276        17576032        .       -
        .       ID=Smp_330630;geneID=Smp_330630
SM_V9_5 Liftoff mRNA    17572276        17573337        .       -
        .
ID=Smp_330630.2;Parent=Smp_330630;geneID=Smp_330630;product=Callose
synthase 10
SM_V9_5 Liftoff exon    17572276        17573337        .       -
        .       Parent=Smp_330630.2
SM_V9_5 Liftoff CDS     17572488        17572748        .       -
        0       Parent=Smp_330630.2
SM_V9_5 Liftoff mRNA    17572276        17576032        .       -
        .
ID=Smp_330630.1;Parent=Smp_330630;geneID=Smp_330630;product=Callose
synthase 10
SM_V9_5 Liftoff exon    17572276        17576032        .       -
        .       Parent=Smp_330630.1
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SM_V9_5 Liftoff CDS     17572488        17572748        .       -
        0       Parent=Smp_330630.1
SM_V9_5 iris    gene    17584841        17640525        .       +
        .
ID=Smp_143430;geneID=Smp_143430;gene_name=Smp_143430;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    17584841        17640525        .       +
        .
ID=Smp_143430.1;Parent=Smp_143430;geneID=Smp_143430;gene_name=Smp_14
3430;owner=irisadmin@local.host;orig_id=Smp_143430.1;date_last_modif
ied=2022-08-18;Name=Smp_143430.1;product=Alpha-mannosidase
2;date_creation=2022-08-18
SM_V9_5 iris    exon    17584841        17584923        .       +
        .       Parent=Smp_143430.1;Name=a9eeb395-9f69-4c75-
b393-07a143a50887
SM_V9_5 iris    exon    17587420        17587632        .       +
        .       Parent=Smp_143430.1;Name=c74bafe7-c71f-485f-
aaa0-244a7b788755
SM_V9_5 iris    exon    17593732        17593903        .       +
        .       Parent=Smp_143430.1;Name=f340d421-91d5-4052-
a1f3-4c67ba1e327e
SM_V9_5 iris    exon    17596241        17596385        .       +
        .       Parent=Smp_143430.1;Name=d1faa48d-
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SM_V9_5 iris    exon    17602171        17602342        .       +
        .       Parent=Smp_143430.1;Name=b1d78d76-
a762-4cd3-9514-9daa2ef8da34
SM_V9_5 iris    exon    17604256        17604383        .       +
        .       Parent=Smp_143430.1;Name=d42b919f-dafd-4f50-
bd9b-070e82bf9265
SM_V9_5 iris    exon    17608544        17608717        .       +
        .       Parent=Smp_143430.1;Name=991765a6-
ccec-4e6a-9c59-4e04ed46abfe
SM_V9_5 iris    exon    17609620        17609800        .       +
        .       Parent=Smp_143430.1;Name=87006fd6-cf06-49aa-9c30-
e8f702808386
SM_V9_5 iris    exon    17611330        17611510        .       +
        .       Parent=Smp_143430.1;Name=4392b628-4bba-4da9-
a96c-8e7467b6e065
SM_V9_5 iris    exon    17612814        17613016        .       +
        .
Parent=Smp_143430.1;Name=c603dd32-2933-4ca5-8595-69d2246e9734
SM_V9_5 iris    exon    17615010        17615201        .       +
        .       Parent=Smp_143430.1;Name=343fac85-6412-4a05-adf9-
e5e43baaafd4
SM_V9_5 iris    exon    17617309        17617617        .       +
        .       Parent=Smp_143430.1;Name=aac47244-abb2-420e-8690-
c444d6640b9d
SM_V9_5 iris    exon    17619364        17619702        .       +
        .
Parent=Smp_143430.1;Name=f3a6eb47-4aae-4a88-9d29-2a3700870873
SM_V9_5 iris    exon    17621446        17621515        .       +
        .
Parent=Smp_143430.1;Name=ab02995a-71f6-44d1-9213-1ef0c42de2a5
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SM_V9_5 iris    exon    17623864        17623986        .       +
        .       Parent=Smp_143430.1;Name=78e871e6-d6bb-42cf-
b610-2ff13a5fe502
SM_V9_5 iris    exon    17630273        17630378        .       +
        .       Parent=Smp_143430.1;Name=34b5511e-
a00e-4a21-8733-79cbd55f2bd2
SM_V9_5 iris    exon    17632376        17632521        .       +
        .       Parent=Smp_143430.1;Name=78ba373d-
d437-40e1-8b76-814693d0c13f
SM_V9_5 iris    exon    17633725        17634039        .       +
        .       Parent=Smp_143430.1;Name=dac36ed9-66e2-466f-
af0f-4a3d938dd62d
SM_V9_5 iris    exon    17635997        17636192        .       +
        .
Parent=Smp_143430.1;Name=ba9e0e0f-14dd-4861-9e7e-7093c8eb292c
SM_V9_5 iris    exon    17637886        17638016        .       +
        .       Parent=Smp_143430.1;Name=82e4999d-
ccbb-4419-8d25-9a32b90b5c73
SM_V9_5 iris    exon    17639688        17640525        .       +
        .       Parent=Smp_143430.1;Name=122d711a-1fa3-466b-
a2cf-7b6975a2f1a5
SM_V9_5 iris    CDS     17587433        17587632        .       +
        0       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17593732        17593903        .       +
        1       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17596241        17596385        .       +
        0       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17602171        17602342        .       +
        2       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17604256        17604383        .       +
        1       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17608544        17608717        .       +
        2       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17609620        17609800        .       +
        2       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17611330        17611510        .       +
        1       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17612814        17613016        .       +
        0       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17615010        17615201        .       +
        1       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17617309        17617617        .       +
        1       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17619364        17619702        .       +
        1       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17621446        17621515        .       +
        1       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17623864        17623986        .       +
        0       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17630273        17630378        .       +
        0       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17632376        17632521        .       +
        2       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17633725        17634039        .       +
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        0       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17635997        17636192        .       +
        0       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17637886        17638016        .       +
        2       Parent=Smp_143430.1
SM_V9_5 iris    CDS     17639688        17639861        .       +
        0       Parent=Smp_143430.1
SM_V9_5 iris    gene    17646824        17703786        .       -
        .
ID=Smp_039160;geneID=Smp_039160;gene_name=Smp_039160;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    17646824        17703786        .       -
        .
ID=Smp_039160.1;Parent=Smp_039160;geneID=Smp_039160;gene_name=Smp_03
9160;owner=irisadmin@local.host;orig_id=Smp_039160.1;date_last_modif
ied=2022-07-17;Name=Smp_039160.1;product=Metastasis suppressor
protein 1;date_creation=2022-07-17
SM_V9_5 iris    exon    17646824        17648516        .       -
        .       Parent=Smp_039160.1;Name=c1766f18-9771-4753-
b5fb-278ee290903e
SM_V9_5 iris    exon    17650652        17651636        .       -
        .       Parent=Smp_039160.1;Name=1d38e4b6-68cd-40f5-
a7d4-133fbdc6d427
SM_V9_5 iris    exon    17652613        17653184        .       -
        .       Parent=Smp_039160.1;Name=a5af10af-d0df-45cb-9d67-
e47036468044
SM_V9_5 iris    exon    17657944        17658228        .       -
        .       Parent=Smp_039160.1;Name=34f50352-4948-42fb-a6b6-
c9a1ecd7a400
SM_V9_5 iris    exon    17659277        17659582        .       -
        .       Parent=Smp_039160.1;Name=6ffe68ed-
b313-4323-967f-1349189c82a2
SM_V9_5 iris    exon    17679256        17679406        .       -
        .       Parent=Smp_039160.1;Name=00192396-c366-40cf-
a87d-7add0259a84b
SM_V9_5 iris    exon    17681439        17681897        .       -
        .       Parent=Smp_039160.1;Name=c82720f7-cde1-4782-808f-
b827cc5d9f3e
SM_V9_5 iris    exon    17689635        17689813        .       -
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SM_V9_5 iris    CDS     17648503        17648516        .       -
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SM_V9_5 iris    CDS     17650652        17651636        .       -
        0       Parent=Smp_039160.1
SM_V9_5 iris    CDS     17652613        17653184        .       -
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SM_V9_5 iris    CDS     17659277        17659582        .       -
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SM_V9_5 iris    CDS     17679256        17679406        .       -
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SM_V9_5 iris    CDS     17701533        17701691        .       -
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SM_V9_5 iris    CDS     17703465        17703526        .       -
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Pick type protein homolog
1B;polypeptide_domain=InterPro:IPR000731,IPR003392,IPR004765,IPR0321
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SM_V9_5 Liftoff exon    17718126        17718887        .       -
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SM_V9_5 Liftoff exon    17721715        17721877        .       -
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SM_V9_5 Liftoff exon    17724193        17724306        .       -
        .       Parent=Smp_039130.1
SM_V9_5 Liftoff exon    17730670        17730901        .       -
        .       Parent=Smp_039130.1
SM_V9_5 Liftoff exon    17732690        17732926        .       -
        .       Parent=Smp_039130.1
SM_V9_5 Liftoff exon    17734686        17734931        .       -
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SM_V9_5 Liftoff exon    17737096        17737459        .       -
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SM_V9_5 Liftoff exon    17765814        17766001        .       -
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SM_V9_5 Liftoff CDS     17734686        17734931        .       -
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SM_V9_5 Liftoff CDS     17737096        17737459        .       -
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SM_V9_5 Liftoff CDS     17740048        17740333        .       -
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SM_V9_5 Liftoff CDS     17743284        17743743        .       -
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SM_V9_5 Liftoff CDS     17745973        17746101        .       -
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        1       Parent=Smp_039130.1
SM_V9_5 Liftoff CDS     17776989        17777242        .       -
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SM_V9_5 Liftoff CDS     17779506        17779535        .       -
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SM_V9_5 iris    mRNA    17783194        17841274        .       -
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SM_V9_5 iris    exon    17810071        17810521        .       -
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SM_V9_5 iris    exon    17817074        17817348        .       -
        .       Parent=Smp_343630.1;Name=3e7b0dd8-ced5-44fb-8d5c-
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        .       Parent=Smp_343630.1;Name=8b592fa8-f33d-4527-
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SM_V9_5 iris    CDS     17784002        17784181        .       -
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SM_V9_5 iris    CDS     17788282        17788656        .       -
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SM_V9_5 iris    CDS     17800045        17800320        .       -
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SM_V9_5 iris    CDS     17817074        17817348        .       -
        1       Parent=Smp_343630.1
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SM_V9_5 iris    exon    17849456        17849782        .       -
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SM_V9_5 iris    exon    17857126        17857200        .       -
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SM_V9_5 iris    exon    17858792        17859012        .       -
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SM_V9_5 iris    exon    17891812        17892120        .       -
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SM_V9_5 iris    exon    17954849        17955373        .       -
        .       Parent=Smp_334580.1;Name=99176042-22c2-404a-
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SM_V9_5 iris    exon    17957722        17957978        .       -
        .       Parent=Smp_334580.1;Name=2f25f93a-
d90a-47aa-86c4-8b45eacb2649
SM_V9_5 iris    exon    17960839        17961145        .       -
        .       Parent=Smp_334580.1;Name=fbb5b3c5-aa68-48ed-9a84-
bc694b3e0ef3
SM_V9_5 iris    exon    17963180        17963660        .       -
        .
Parent=Smp_334580.1;Name=c90d8090-06c2-4be3-9730-1365f15cecbb
SM_V9_5 iris    exon    17965745        17965759        .       -
        .       Parent=Smp_334580.1;Name=a82c5c63-85fb-4470-
b44e-19aa92ee417e
SM_V9_5 iris    exon    17967687        17967894        .       -
        .       Parent=Smp_334580.1;Name=b4a96af6-21ff-497e-
b475-7d0bb9dbca77
SM_V9_5 iris    exon    17970522        17970562        .       -
        .       Parent=Smp_334580.1;Name=6fad0411-9da9-4553-b4f0-
cf7b6be2bfce
SM_V9_5 iris    exon    17970604        17970820        .       -
        .       Parent=Smp_334580.1;Name=2f5d5c68-e120-473a-a5a6-
cd8ba4c6225a
SM_V9_5 iris    CDS     17873912        17874495        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17876109        17876216        .       -
        2       Parent=Smp_334580.1
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SM_V9_5 iris    CDS     17878846        17879126        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17880813        17881217        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17883782        17884139        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17887240        17887525        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17890614        17890748        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17891812        17892120        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17893714        17894196        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17896858        17897112        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17898854        17899036        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17900018        17900258        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17903235        17903264        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17904636        17904830        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17906106        17906380        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17907254        17907462        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17910001        17910544        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17911528        17911810        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17914277        17914605        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17915387        17915709        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17919147        17919730        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17922401        17922575        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17924236        17924527        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17926956        17927258        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17930023        17930175        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17932581        17932710        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17935219        17935442        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17936209        17936445        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17937264        17937423        .       -
        1       Parent=Smp_334580.1
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SM_V9_5 iris    CDS     17939271        17939658        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17942488        17942722        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17946966        17947496        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17950217        17950777        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17952262        17952520        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17954849        17955373        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17957722        17957978        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17960839        17961145        .       -
        1       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17963180        17963660        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17965745        17965759        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17967687        17967894        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17970522        17970562        .       -
        2       Parent=Smp_334580.1
SM_V9_5 iris    CDS     17970604        17970757        .       -
        0       Parent=Smp_334580.1
SM_V9_5 iris    gene    17977944        17993980        .       +
        .
ID=Smp_143390;geneID=Smp_143390;gene_name=Smp_143390;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    17977944        17993980        .       +
        .
ID=Smp_143390.1;Parent=Smp_143390;geneID=Smp_143390;gene_name=Smp_14
3390;owner=irisadmin@local.host;orig_id=Smp_143390.1;date_last_modif
ied=2022-07-17;Name=Smp_143390.1;product=Cytohesin-2;date_creation=2
022-07-17
SM_V9_5 iris    exon    17977944        17977994        .       +
        .       Parent=Smp_143390.1;Name=4db610bf-3908-494f-
b826-3041c42f7c3c
SM_V9_5 iris    exon    17978076        17978149        .       +
        .       Parent=Smp_143390.1;Name=ebd75d49-51c6-43c7-
bec0-8ab742e4bfd8
SM_V9_5 iris    exon    17978180        17978244        .       +
        .       Parent=Smp_143390.1;Name=6c55b4f1-ce43-4f23-
b579-932395ee47be
SM_V9_5 iris    exon    17978279        17978342        .       +
        .       Parent=Smp_143390.1;Name=ac6b3056-9317-45d4-
a95f-4b7c5c084b83
SM_V9_5 iris    exon    17978377        17978498        .       +
        .       Parent=Smp_143390.1;Name=de070cdb-1ec1-4534-81f0-
f04b57ff63a4
SM_V9_5 iris    exon    17978842        17978925        .       +
        .       Parent=Smp_143390.1;Name=352d3eeb-8eaa-4dfd-95d6-
e31b26c34e18
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SM_V9_5 iris    exon    17979515        17979627        .       +
        .       Parent=Smp_143390.1;Name=0119fa48-53bc-4a05-87ec-
fe827455dea4
SM_V9_5 iris    exon    17983317        17983477        .       +
        .
Parent=Smp_143390.1;Name=3f7f401e-1787-4739-8db3-44c1c84b12c6
SM_V9_5 iris    exon    17984211        17984322        .       +
        .
Parent=Smp_143390.1;Name=b51fea30-4667-4616-9677-62f2d70b52ac
SM_V9_5 iris    exon    17985763        17985839        .       +
        .       Parent=Smp_143390.1;Name=d39984de-
cac5-4e10-8a97-886c0212da7b
SM_V9_5 iris    exon    17987930        17988077        .       +
        .       Parent=Smp_143390.1;Name=f94fc251-0cfa-4801-a0bd-
fb19a5855030
SM_V9_5 iris    exon    17992268        17993980        .       +
        .       Parent=Smp_143390.1;Name=571773a9-de8e-4f3f-
b44f-2aaf03f1ad4e
SM_V9_5 iris    CDS     17977982        17977994        .       +
        0       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17978076        17978149        .       +
        2       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17978180        17978244        .       +
        0       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17978279        17978342        .       +
        1       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17978377        17978498        .       +
        0       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17978842        17978925        .       +
        1       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17979515        17979627        .       +
        1       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17983317        17983477        .       +
        2       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17984211        17984322        .       +
        0       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17985763        17985839        .       +
        2       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17987930        17988077        .       +
        0       Parent=Smp_143390.1
SM_V9_5 iris    CDS     17992268        17992542        .       +
        2       Parent=Smp_143390.1
SM_V9_5 iris    gene    18003210        18008398        .       +
        .
ID=Smp_113740;geneID=Smp_113740;gene_name=Smp_113740;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    18003210        18008398        .       +
        .
ID=Smp_113740.1;Parent=Smp_113740;geneID=Smp_113740;gene_name=Smp_11
3740;owner=irisadmin@local.host;orig_id=Smp_113740.1;date_last_modif
ied=2022-08-01;Name=Smp_113740.1;product=LYR motif containing
protein 1;date_creation=2022-07-29
SM_V9_5 iris    exon    18003210        18003407        .       +
        .       Parent=Smp_113740.1;Name=6e2a3d55-
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a742-4cd2-900c-88ff41e466f2
SM_V9_5 iris    exon    18007131        18008398        .       +
        .       Parent=Smp_113740.1;Name=74c8ed57-5ced-4d57-
ba5f-78a24a43f309
SM_V9_5 iris    CDS     18003342        18003407        .       +
        0       Parent=Smp_113740.1
SM_V9_5 iris    CDS     18007131        18007418        .       +
        0       Parent=Smp_113740.1
SM_V9_5 iris    gene    18013560        18027450        .       -
        .
ID=Smp_039080;geneID=Smp_039080;gene_name=Smp_039080;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    18013560        18027450        .       -
        .
ID=Smp_039080.1;Parent=Smp_039080;geneID=Smp_039080;gene_name=Smp_03
9080;owner=irisadmin@local.host;orig_id=Smp_039080.2;date_last_modif
ied=2022-07-17;Name=Smp_039080.1;product=Protein FRA10AC1
homolog;date_creation=2022-07-17
SM_V9_5 iris    exon    18013560        18014355        .       -
        .       Parent=Smp_039080.1;Name=200ee771-7aa9-44d5-9184-
d4db16ae9ff2
SM_V9_5 iris    exon    18016480        18016639        .       -
        .       Parent=Smp_039080.1;Name=9ef71e29-
f027-43fa-95c9-10b8a9a19edd
SM_V9_5 iris    exon    18019355        18019400        .       -
        .       Parent=Smp_039080.1;Name=b528289b-2c17-420a-bea0-
a77b97298c9b
SM_V9_5 iris    exon    18025039        18025123        .       -
        .       Parent=Smp_039080.1;Name=efdb4c74-
a508-4e4c-82a8-8172f67057a5
SM_V9_5 iris    exon    18025943        18026023        .       -
        .       Parent=Smp_039080.1;Name=64d001b7-
c6e1-456c-8431-44b4d1e0d1b6
SM_V9_5 iris    exon    18026064        18026140        .       -
        .       Parent=Smp_039080.1;Name=8abd648f-
e668-4a09-95b5-2b9fee3a021f
SM_V9_5 iris    exon    18026997        18027042        .       -
        .       Parent=Smp_039080.1;Name=c5bcd9ad-7937-42e1-8abc-
afed6d44d143
SM_V9_5 iris    exon    18027078        18027188        .       -
        .       Parent=Smp_039080.1;Name=531c2b59-f48f-47e8-
a6aa-8c684c9e78bd
SM_V9_5 iris    exon    18027241        18027450        .       -
        .       Parent=Smp_039080.1;Name=6d867a2c-
a4b0-4bd3-8ea8-40cce64e263f
SM_V9_5 iris    CDS     18014019        18014355        .       -
        1       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18016480        18016639        .       -
        2       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18019355        18019400        .       -
        0       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18025039        18025123        .       -
        1       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18025943        18026023        .       -
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        1       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18026064        18026140        .       -
        0       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18026997        18027042        .       -
        1       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18027078        18027188        .       -
        1       Parent=Smp_039080.1
SM_V9_5 iris    CDS     18027241        18027317        .       -
        0       Parent=Smp_039080.1
SM_V9_5 iris    gene    18041456        18078661        .       -
        .
ID=Smp_343620;geneID=Smp_343620;gene_name=Smp_343620;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    18041456        18078661        .       -
        .
ID=Smp_343620.1;Parent=Smp_343620;geneID=Smp_343620;gene_name=Smp_34
3620;owner=irisadmin@local.host;orig_id=Smp_343620.1;date_last_modif
ied=2022-08-01;Name=Smp_343620.1;product=Mismatch repair
endonuclease PMS2;date_creation=2022-07-29
SM_V9_5 iris    exon    18041456        18041774        .       -
        .       Parent=Smp_343620.1;Name=615dc573-5788-42cf-9804-
fd41d3a4cc92
SM_V9_5 iris    exon    18044104        18044139        .       -
        .
Parent=Smp_343620.1;Name=f977a7cf-0703-49c9-822d-2fe225d155ba
SM_V9_5 iris    exon    18047082        18047186        .       -
        .       Parent=Smp_343620.1;Name=0085f80e-386f-4089-
b977-69d3f8021676
SM_V9_5 iris    exon    18049891        18049928        .       -
        .
Parent=Smp_343620.1;Name=b5ea36ce-0380-4b99-82ef-6d0486287787
SM_V9_5 iris    exon    18050496        18050564        .       -
        .       Parent=Smp_343620.1;Name=c67374dd-f277-436b-
beb1-3613a1630804
SM_V9_5 iris    exon    18051674        18051774        .       -
        .       Parent=Smp_343620.1;Name=1601639b-5d8d-4347-8818-
bd1119d8756a
SM_V9_5 iris    exon    18052789        18052956        .       -
        .       Parent=Smp_343620.1;Name=2b096620-13bf-4f74-ad3c-
df0125f6c129
SM_V9_5 iris    exon    18055659        18055897        .       -
        .       Parent=Smp_343620.1;Name=2159b21e-777a-4033-b9aa-
bbcc41693864
SM_V9_5 iris    exon    18062843        18063033        .       -
        .       Parent=Smp_343620.1;Name=73518644-37b1-483f-
bf48-6eb836627be6
SM_V9_5 iris    exon    18066147        18066216        .       -
        .       Parent=Smp_343620.1;Name=d44a9adb-88a3-4e9b-
ada7-949707e782c8
SM_V9_5 iris    exon    18066885        18067099        .       -
        .       Parent=Smp_343620.1;Name=be32d6f6-3573-47b9-
ad22-52a0a7bceade
SM_V9_5 iris    exon    18068470        18068780        .       -
        .       Parent=Smp_343620.1;Name=0ce65a2f-7ce1-4c6f-
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aa7f-468442cda393
SM_V9_5 iris    exon    18069196        18069293        .       -
        .       Parent=Smp_343620.1;Name=fb917118-f6c3-4cd9-
aef0-80316349364d
SM_V9_5 iris    exon    18072392        18072470        .       -
        .       Parent=Smp_343620.1;Name=e44db482-e5ed-4e2c-
b92c-8f172002e717
SM_V9_5 iris    exon    18074803        18075081        .       -
        .       Parent=Smp_343620.1;Name=3a89b86a-85cd-4770-9e1d-
cacd78488945
SM_V9_5 iris    exon    18075823        18075925        .       -
        .       Parent=Smp_343620.1;Name=798fb01e-b277-42f4-
a19c-5b4207a1fe37
SM_V9_5 iris    exon    18075961        18076047        .       -
        .       Parent=Smp_343620.1;Name=e89f6c9f-
af6e-4da4-981b-7660f11adf33
SM_V9_5 iris    exon    18076084        18076276        .       -
        .       Parent=Smp_343620.1;Name=ca13ba45-7a9d-4238-8cdd-
eca493b97d24
SM_V9_5 iris    exon    18078589        18078661        .       -
        .
Parent=Smp_343620.1;Name=5c0fc3dc-86aa-4239-90ee-26df64657194
SM_V9_5 iris    CDS     18041712        18041774        .       -
        0       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18044104        18044139        .       -
        0       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18047082        18047186        .       -
        0       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18049891        18049928        .       -
        2       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18050496        18050564        .       -
        2       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18051674        18051774        .       -
        1       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18052789        18052956        .       -
        1       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18055659        18055897        .       -
        0       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18062843        18063033        .       -
        2       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18066147        18066216        .       -
        0       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18066885        18067099        .       -
        2       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18068470        18068780        .       -
        1       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18069196        18069293        .       -
        0       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18072392        18072470        .       -
        1       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18074803        18075081        .       -
        1       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18075823        18075925        .       -
        2       Parent=Smp_343620.1
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SM_V9_5 iris    CDS     18075961        18076047        .       -
        2       Parent=Smp_343620.1
SM_V9_5 iris    CDS     18076084        18076234        .       -
        0       Parent=Smp_343620.1
SM_V9_5 Liftoff gene    18089514        18160668        .       +
        .
ID=Smp_343610;geneID=Smp_343610;previous_systematic_id=Smp_143370
SM_V9_5 Liftoff mRNA    18089514        18160668        .       +
        .
ID=Smp_343610.1;Parent=Smp_343610;geneID=Smp_343610;product=Protein
phosphatase 1 regulatory subunit
12B;polypeptide_domain=InterPro:IPR002110,IPR020683,IPR031775
Pfam:PF12796,PF15898;Ontology_term=GO:0005515,GO:0019901
SM_V9_5 Liftoff exon    18089514        18089838        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18089877        18090007        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18106212        18106415        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18107643        18107865        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18110879        18110953        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18112237        18112301        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18118527        18118906        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18120322        18120956        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18121416        18121525        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18123154        18123649        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18130945        18131059        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18137120        18137430        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18142901        18143152        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18146110        18146325        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18157083        18157121        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff exon    18158403        18160668        .       +
        .       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18089689        18089838        .       +
        0       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18089877        18090007        .       +
        0       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18106212        18106415        .       +
        1       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18107643        18107865        .       +
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SM_V9_5 Liftoff CDS     18110879        18110953        .       +
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SM_V9_5 Liftoff CDS     18118527        18118906        .       +
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SM_V9_5 Liftoff CDS     18120322        18120956        .       +
        2       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18121416        18121525        .       +
        0       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18123154        18123649        .       +
        1       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18130945        18131059        .       +
        0       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18137120        18137430        .       +
        2       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18142901        18143152        .       +
        0       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18146110        18146325        .       +
        0       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18157083        18157121        .       +
        0       Parent=Smp_343610.1
SM_V9_5 Liftoff CDS     18158403        18158495        .       +
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SM_V9_5 Liftoff gene    18163374        18172773        .       -
        .
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SM_V9_5 Liftoff mRNA    18163374        18172773        .       -
        .
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acetylneuraminate
epimerase;polypeptide_domain=InterPro:IPR015915;Ontology_term=GO:000
5515
SM_V9_5 Liftoff exon    18163374        18164938        .       -
        .       Parent=Smp_343600.1
SM_V9_5 Liftoff exon    18166805        18167097        .       -
        .       Parent=Smp_343600.1
SM_V9_5 Liftoff exon    18169500        18169638        .       -
        .       Parent=Smp_343600.1
SM_V9_5 Liftoff exon    18172663        18172773        .       -
        .       Parent=Smp_343600.1
SM_V9_5 Liftoff CDS     18164254        18164938        .       -
        1       Parent=Smp_343600.1
SM_V9_5 Liftoff CDS     18166805        18167097        .       -
        0       Parent=Smp_343600.1
SM_V9_5 Liftoff CDS     18169500        18169638        .       -
        1       Parent=Smp_343600.1
SM_V9_5 Liftoff CDS     18172663        18172676        .       -
        0       Parent=Smp_343600.1
SM_V9_5 Liftoff gene    18177526        18177972        .       +
        .       ID=Smp_039010;geneID=Smp_039010
SM_V9_5 Liftoff mRNA    18177526        18177972        .       +
        .
ID=Smp_039010.1;Parent=Smp_039010;geneID=Smp_039010;product=Avidin-
related protein 6
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SM_V9_5 Liftoff exon    18177526        18177972        .       +
        .       Parent=Smp_039010.1
SM_V9_5 Liftoff CDS     18177526        18177972        .       +
        0       Parent=Smp_039010.1
SM_V9_5 Liftoff gene    18180907        18190539        .       +
        .       ID=Smp_039000;geneID=Smp_039000
SM_V9_5 Liftoff mRNA    18180907        18190539        .       +
        .
ID=Smp_039000.1;Parent=Smp_039000;geneID=Smp_039000;product=ATP
synthase subunit O,
mitochondrial;polypeptide_domain=InterPro:IPR000711,IPR026015
Pfam:PF00213;Ontology_term=GO:0015986,GO:0046933
SM_V9_5 Liftoff exon    18180907        18180966        .       +
        .       Parent=Smp_039000.1
SM_V9_5 Liftoff exon    18184208        18184252        .       +
        .       Parent=Smp_039000.1
SM_V9_5 Liftoff exon    18186106        18186349        .       +
        .       Parent=Smp_039000.1
SM_V9_5 Liftoff exon    18187582        18187781        .       +
        .       Parent=Smp_039000.1
SM_V9_5 Liftoff exon    18190287        18190539        .       +
        .       Parent=Smp_039000.1
SM_V9_5 Liftoff CDS     18180952        18180966        .       +
        0       Parent=Smp_039000.1
SM_V9_5 Liftoff CDS     18184208        18184252        .       +
        0       Parent=Smp_039000.1
SM_V9_5 Liftoff CDS     18186106        18186349        .       +
        0       Parent=Smp_039000.1
SM_V9_5 Liftoff CDS     18187582        18187781        .       +
        2       Parent=Smp_039000.1
SM_V9_5 Liftoff CDS     18190287        18190400        .       +
        0       Parent=Smp_039000.1
SM_V9_5 Liftoff gene    18192892        18251878        .       -
        .
ID=Smp_267320;geneID=Smp_267320;previous_systematic_id=Smp_038990,Sm
p_129330,Smp_243430
SM_V9_5 Liftoff mRNA    18192892        18251878        .       -
        .
ID=Smp_267320.1;Parent=Smp_267320;geneID=Smp_267320;product=Nucleoso
me-remodeling factor subunit
BPTF;polypeptide_domain=InterPro:IPR001487,IPR001965,IPR011011,IPR01
3083,IPR018501,IPR019786,IPR019787
Pfam:PF00439,PF00628,PF02791;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    18192892        18193916        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18194986        18195067        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18196310        18196619        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18198219        18198395        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18198948        18199282        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18200522        18201193        .       -
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        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18203612        18203865        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18205082        18205407        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18206902        18207374        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18207491        18207850        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18209619        18209735        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18211269        18211604        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18212421        18212767        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18214653        18214919        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18215628        18215979        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18217794        18217981        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18219007        18219220        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18220694        18220909        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18222443        18223028        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18223819        18224043        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18224842        18225338        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18226514        18226975        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18227726        18228150        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18228444        18228606        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18229424        18230041        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18231566        18231751        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18234254        18234324        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18239713        18240323        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18243194        18243315        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18244177        18244297        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18244933        18246116        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18251161        18251384        .       -
        .       Parent=Smp_267320.1
SM_V9_5 Liftoff exon    18251579        18251878        .       -
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SM_V9_5 Liftoff CDS     18193723        18193916        .       -
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        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18196310        18196619        .       -
        1       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18198219        18198395        .       -
        1       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18198948        18199282        .       -
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SM_V9_5 Liftoff CDS     18200522        18201193        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18203612        18203865        .       -
        2       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18205082        18205407        .       -
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SM_V9_5 Liftoff CDS     18206902        18207374        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18207491        18207850        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18209619        18209735        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18211269        18211604        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18212421        18212767        .       -
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SM_V9_5 Liftoff CDS     18214653        18214919        .       -
        2       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18215628        18215979        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18217794        18217981        .       -
        2       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18219007        18219220        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18220694        18220909        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18222443        18223028        .       -
        1       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18223819        18224043        .       -
        1       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18224842        18225338        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18226514        18226975        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18227726        18228150        .       -
        2       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18228444        18228606        .       -
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SM_V9_5 Liftoff CDS     18229424        18230041        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18231566        18231751        .       -
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SM_V9_5 Liftoff CDS     18234254        18234324        .       -
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        2       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18239713        18240323        .       -
        1       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18243194        18243315        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18244177        18244297        .       -
        1       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18244933        18246116        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18251161        18251384        .       -
        2       Parent=Smp_267320.1
SM_V9_5 Liftoff CDS     18251579        18251807        .       -
        0       Parent=Smp_267320.1
SM_V9_5 Liftoff gene    18266657        18285450        .       +
        .       ID=Smp_129320;geneID=Smp_129320
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        .
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division cycle 5-like
protein;polypeptide_domain=InterPro:IPR001005,IPR009057,IPR017930,IP
R021786 Pfam:PF11831,PF13921;Ontology_term=GO:0003677
SM_V9_5 Liftoff exon    18266657        18267029        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18267065        18267239        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18268208        18268495        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18269418        18269585        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18271086        18271253        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18274146        18274344        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18275728        18276299        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18280310        18280543        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18281619        18281900        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18282811        18282939        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18283043        18283428        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff exon    18284780        18285450        .       +
        .       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18266788        18267029        .       +
        0       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18267065        18267239        .       +
        1       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18268208        18268495        .       +
        0       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18269418        18269585        .       +
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SM_V9_5 Liftoff CDS     18271086        18271253        .       +
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SM_V9_5 Liftoff CDS     18275728        18276299        .       +
        2       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18280310        18280543        .       +
        0       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18281619        18281900        .       +
        0       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18282811        18282939        .       +
        0       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18283043        18283428        .       +
        0       Parent=Smp_129320.1
SM_V9_5 Liftoff CDS     18284780        18284969        .       +
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SM_V9_5 iris    gene    18305078        18315833        .       -
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@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    18305078        18315833        .       -
        .
ID=Smp_129310.1;Parent=Smp_129310;geneID=Smp_129310;gene_name=Smp_12
9310;owner=irisadmin@local.host;orig_id=Smp_129310.1;date_last_modif
ied=2022-08-01;Name=Smp_129310.1;product=Inositol polyphosphate
multikinase;date_creation=2022-07-29
SM_V9_5 iris    exon    18305078        18306272        .       -
        .       Parent=Smp_129310.1;Name=21c4b06f-8976-402b-
ab99-6b7fd15c1b4f
SM_V9_5 iris    exon    18308954        18309038        .       -
        .
Parent=Smp_129310.1;Name=bc4c2378-4ef1-411a-98d6-540ed080472a
SM_V9_5 iris    exon    18310693        18310865        .       -
        .
Parent=Smp_129310.1;Name=449ae5d9-42bf-423c-9099-5c62f2820d72
SM_V9_5 iris    exon    18311918        18312094        .       -
        .       Parent=Smp_129310.1;Name=60f7affe-
b09c-45f2-980f-5d73a5287a4c
SM_V9_5 iris    exon    18313575        18313711        .       -
        .       Parent=Smp_129310.1;Name=2d1116d5-1311-4792-ac80-
dbd45e0d3f65
SM_V9_5 iris    exon    18315679        18315833        .       -
        .       Parent=Smp_129310.1;Name=d5b41150-9008-43fe-
b8f7-6a651cd89a94
SM_V9_5 iris    CDS     18305644        18306272        .       -
        2       Parent=Smp_129310.1
SM_V9_5 iris    CDS     18308954        18309038        .       -
        0       Parent=Smp_129310.1
SM_V9_5 iris    CDS     18310693        18310865        .       -
        2       Parent=Smp_129310.1
SM_V9_5 iris    CDS     18311918        18312094        .       -
        2       Parent=Smp_129310.1
SM_V9_5 iris    CDS     18313575        18313711        .       -
        1       Parent=Smp_129310.1
SM_V9_5 iris    CDS     18315679        18315743        .       -
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SM_V9_5 Liftoff mRNA    18324708        18325293        .       -
        .
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quinone oxidoreductase subunit J, chloroplastic
SM_V9_5 Liftoff exon    18324708        18325293        .       -
        .       Parent=Smp_330640.1
SM_V9_5 Liftoff CDS     18324914        18325102        .       -
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SM_V9_5 Liftoff gene    18328039        18346891        .       -
        .       ID=Smp_013210;geneID=Smp_013210
SM_V9_5 Liftoff mRNA    18328039        18346891        .       -
        .
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        .       Parent=Smp_013210.1
SM_V9_5 Liftoff exon    18332205        18332368        .       -
        .       Parent=Smp_013210.1
SM_V9_5 Liftoff exon    18338688        18338864        .       -
        .       Parent=Smp_013210.1
SM_V9_5 Liftoff exon    18345887        18346891        .       -
        .       Parent=Smp_013210.1
SM_V9_5 Liftoff CDS     18328419        18328948        .       -
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SM_V9_5 Liftoff CDS     18330321        18330405        .       -
        0       Parent=Smp_013210.1
SM_V9_5 Liftoff CDS     18332205        18332368        .       -
        2       Parent=Smp_013210.1
SM_V9_5 Liftoff CDS     18338688        18338864        .       -
        2       Parent=Smp_013210.1
SM_V9_5 Liftoff CDS     18345887        18345980        .       -
        0       Parent=Smp_013210.1
SM_V9_5 iris    gene    18389324        18391624        .       -
        .
ID=Smp_013200;geneID=Smp_013200;gene_name=Smp_013200;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    18389324        18391624        .       -
        .
ID=Smp_013200.1;Parent=Smp_013200;geneID=Smp_013200;gene_name=Smp_01
3200;owner=irisadmin@local.host;orig_id=Smp_013200.1;date_last_modif
ied=2022-07-17;Name=Smp_013200.1;product=60S ribosomal protein
L10;date_creation=2022-07-17
SM_V9_5 iris    exon    18389324        18389532        .       -
        .
Parent=Smp_013200.1;Name=ada7d4c9-3599-4160-990f-2b8db0331451
SM_V9_5 iris    exon    18390963        18391125        .       -
        .
Parent=Smp_013200.1;Name=cf697a60-6be3-4f40-82d7-1cd5faa03d9c
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SM_V9_5 iris    exon    18391161        18391466        .       -
        .
Parent=Smp_013200.1;Name=32897d9a-76e6-4fe2-8881-5e2dfc2e15c8
SM_V9_5 iris    exon    18391501        18391624        .       -
        .       Parent=Smp_013200.1;Name=066d30ba-c902-49d3-8b6d-
bb9477be30d6
SM_V9_5 iris    CDS     18389359        18389532        .       -
        0       Parent=Smp_013200.1
SM_V9_5 iris    CDS     18390963        18391125        .       -
        1       Parent=Smp_013200.1
SM_V9_5 iris    CDS     18391161        18391466        .       -
        1       Parent=Smp_013200.1
SM_V9_5 iris    CDS     18391501        18391523        .       -
        0       Parent=Smp_013200.1
SM_V9_5 Liftoff gene    18422845        18516356        .       +
        .
ID=Smp_334600;geneID=Smp_334600;previous_systematic_id=Smp_129270,Sm
p_129280,Smp_185750
SM_V9_5 Liftoff mRNA    18422845        18516356        .       +
        .
ID=Smp_334600.1;Parent=Smp_334600;geneID=Smp_334600;product=cAMP-
specific 3',5'-cyclic phosphodiesterase 4C
(Fragment);polypeptide_domain=InterPro:IPR002073,IPR003607,IPR023088
,IPR023174
Pfam:PF00233;Ontology_term=GO:0004114,GO:0007165,GO:0008081
SM_V9_5 Liftoff exon    18422845        18423195        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18483418        18483504        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18485011        18485084        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18489326        18489447        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18495440        18496021        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18499155        18499256        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18501868        18502032        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18505327        18505426        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18508079        18508236        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18511262        18511384        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18513512        18513694        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff exon    18515849        18516356        .       +
        .       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18422963        18423195        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18483418        18483504        .       +
        1       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18485011        18485084        .       +
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        1       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18489326        18489447        .       +
        2       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18495440        18496021        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18499155        18499256        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18501868        18502032        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18505327        18505426        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18508079        18508236        .       +
        2       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18511262        18511384        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18513512        18513694        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff CDS     18515849        18516034        .       +
        0       Parent=Smp_334600.1
SM_V9_5 Liftoff gene    18520836        18563611        .       -
        .       ID=Smp_129260;geneID=Smp_129260
SM_V9_5 Liftoff mRNA    18520836        18563611        .       -
        .
ID=Smp_129260.1;Parent=Smp_129260;geneID=Smp_129260;product=Poly
[ADP-ribose] polymerase
1;polypeptide_domain=InterPro:IPR001357,IPR001510,IPR004102,IPR00828
8,IPR008893,IPR012317,IPR012982
Pfam:PF00644,PF00645,PF02877,PF05406,PF08063;Ontology_term=GO:000367
7,GO:0003950,GO:0005634,GO:0006471,GO:0008270,GO:0051287
SM_V9_5 Liftoff exon    18520836        18521394        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18522939        18523165        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18524962        18525176        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18527744        18528100        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18530173        18530295        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18533758        18533989        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18540737        18540941        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18541800        18541815        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18542963        18543205        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18545259        18545436        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18551049        18551380        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18551762        18551843        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18553512        18553583        .       -
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        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18560151        18560248        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff exon    18561803        18563611        .       -
        .       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18521207        18521394        .       -
        2       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18522939        18523165        .       -
        1       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18524962        18525176        .       -
        0       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18527744        18528100        .       -
        0       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18530173        18530295        .       -
        0       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18533758        18533989        .       -
        1       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18540737        18540941        .       -
        2       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18541800        18541815        .       -
        0       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18542963        18543205        .       -
        0       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18545259        18545436        .       -
        1       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18551049        18551380        .       -
        0       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18551762        18551843        .       -
        1       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18553512        18553583        .       -
        1       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18560151        18560248        .       -
        0       Parent=Smp_129260.1
SM_V9_5 Liftoff CDS     18561803        18562165        .       -
        0       Parent=Smp_129260.1
SM_V9_5 iris    gene    18570055        18574621        .       +
        .
ID=Smp_013150;geneID=Smp_013150;gene_name=Smp_013150;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    18570055        18574621        .       +
        .
ID=Smp_013150.1;Parent=Smp_013150;geneID=Smp_013150;gene_name=Smp_01
3150;owner=irisadmin@local.host;orig_id=Smp_013150.1;date_last_modif
ied=2022-07-17;Name=Smp_013150.1;product=Riboflavin
kinase;date_creation=2022-07-17
SM_V9_5 iris    exon    18570055        18570133        .       +
        .       Parent=Smp_013150.1;Name=0b83049e-56cb-4596-baa5-
cabc4541f594
SM_V9_5 iris    exon    18572276        18572374        .       +
        .       Parent=Smp_013150.1;Name=ca6a16a9-921d-4f68-8633-
a498e84d629b
SM_V9_5 iris    exon    18572421        18572572        .       +
        .       Parent=Smp_013150.1;Name=8f527317-
dfb4-4fef-9097-3862a8a2d7f3
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SM_V9_5 iris    exon    18572612        18572714        .       +
        .       Parent=Smp_013150.1;Name=badf0a6a-5e55-4dd6-
bdeb-74bd3b234723
SM_V9_5 iris    exon    18574262        18574621        .       +
        .       Parent=Smp_013150.1;Name=542a5623-1aab-4125-bbc7-
e5be04baa4f8
SM_V9_5 iris    CDS     18572278        18572374        .       +
        0       Parent=Smp_013150.1
SM_V9_5 iris    CDS     18572421        18572572        .       +
        2       Parent=Smp_013150.1
SM_V9_5 iris    CDS     18572612        18572714        .       +
        0       Parent=Smp_013150.1
SM_V9_5 iris    CDS     18574262        18574374        .       +
        2       Parent=Smp_013150.1
SM_V9_5 iris    gene    18583702        18615181        .       -
        .
ID=Smp_129250;geneID=Smp_129250;gene_name=Smp_129250;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    18583702        18615181        .       -
        .
ID=Smp_129250.1;Parent=Smp_129250;geneID=Smp_129250;gene_name=Smp_12
9250;owner=irisadmin@local.host;orig_id=Smp_129250.1;date_last_modif
ied=2022-07-17;Name=Smp_129250.1;product=Random slug protein
5;date_creation=2022-07-17
SM_V9_5 iris    exon    18583702        18584620        .       -
        .
Parent=Smp_129250.1;Name=ba935416-3b7e-4b2c-907b-3885aa622480
SM_V9_5 iris    exon    18585491        18585668        .       -
        .       Parent=Smp_129250.1;Name=8636ecd6-895f-442f-
b4d1-0a0031a1a98e
SM_V9_5 iris    exon    18586575        18586719        .       -
        .       Parent=Smp_129250.1;Name=bb6b2987-
ae70-4cdb-85db-1134673c2592
SM_V9_5 iris    exon    18590048        18590290        .       -
        .
Parent=Smp_129250.1;Name=42ff4674-719f-46b3-8d4f-276a866041cf
SM_V9_5 iris    exon    18601449        18601589        .       -
        .       Parent=Smp_129250.1;Name=14e8a628-e6e2-4eb7-
a7e2-86c97df1b240
SM_V9_5 iris    exon    18614325        18614465        .       -
        .
Parent=Smp_129250.1;Name=c54abb01-2143-47df-88f9-95dc5bf608d9
SM_V9_5 iris    exon    18614848        18615181        .       -
        .       Parent=Smp_129250.1;Name=dc4f80fa-3413-469f-96b3-
a0d0e163be38
SM_V9_5 iris    CDS     18583923        18584620        .       -
        2       Parent=Smp_129250.1
SM_V9_5 iris    CDS     18585491        18585668        .       -
        0       Parent=Smp_129250.1
SM_V9_5 iris    CDS     18586575        18586719        .       -
        1       Parent=Smp_129250.1
SM_V9_5 iris    CDS     18590048        18590211        .       -
        0       Parent=Smp_129250.1
SM_V9_5 iris    gene    18637596        18671876        .       +
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        .
ID=Smp_129240;geneID=Smp_129240;gene_name=Smp_129240;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    18637596        18671876        .       +
        .
ID=Smp_129240.1;Parent=Smp_129240;geneID=Smp_129240;gene_name=Smp_12
9240;owner=irisadmin@local.host;orig_id=Smp_129240.1;date_last_modif
ied=2022-07-17;Name=Smp_129240.1;product=Uncharacterized protein
KIAA0513;date_creation=2022-07-17
SM_V9_5 iris    exon    18637596        18637636        .       +
        .       Parent=Smp_129240.1;Name=6fb5edd9-5fb8-43f6-a7cc-
dd7200c55269
SM_V9_5 iris    exon    18648711        18649208        .       +
        .       Parent=Smp_129240.1;Name=c5519bf9-0c02-40f3-8d21-
dc18407db129
SM_V9_5 iris    exon    18652749        18652794        .       +
        .       Parent=Smp_129240.1;Name=4d410fd5-fb07-4375-
a375-29cb3c803f13
SM_V9_5 iris    exon    18656590        18656634        .       +
        .       Parent=Smp_129240.1;Name=e569f90d-4403-4d28-
a2c4-1178655a0f48
SM_V9_5 iris    exon    18659326        18659470        .       +
        .       Parent=Smp_129240.1;Name=9dba0ebc-217a-4f70-
a4aa-68a593883ec8
SM_V9_5 iris    exon    18660398        18660542        .       +
        .
Parent=Smp_129240.1;Name=3c952698-5370-44e9-9825-6f19774d72fe
SM_V9_5 iris    exon    18662234        18662302        .       +
        .       Parent=Smp_129240.1;Name=90e0b29e-6056-494a-9b6a-
f463d17b133f
SM_V9_5 iris    exon    18668334        18668428        .       +
        .       Parent=Smp_129240.1;Name=147e8db9-2663-44a9-
acc1-5320d641ea8f
SM_V9_5 iris    exon    18671238        18671876        .       +
        .       Parent=Smp_129240.1;Name=03a4f97a-75f8-4681-
bd8b-16f80b34b6c9
SM_V9_5 iris    CDS     18648754        18649208        .       +
        0       Parent=Smp_129240.1
SM_V9_5 iris    CDS     18652749        18652794        .       +
        1       Parent=Smp_129240.1
SM_V9_5 iris    CDS     18656590        18656634        .       +
        0       Parent=Smp_129240.1
SM_V9_5 iris    CDS     18659326        18659470        .       +
        0       Parent=Smp_129240.1
SM_V9_5 iris    CDS     18660398        18660542        .       +
        2       Parent=Smp_129240.1
SM_V9_5 iris    CDS     18662234        18662302        .       +
        1       Parent=Smp_129240.1
SM_V9_5 iris    CDS     18668334        18668428        .       +
        1       Parent=Smp_129240.1
SM_V9_5 iris    CDS     18671238        18671311        .       +
        2       Parent=Smp_129240.1
SM_V9_5 Liftoff gene    18697986        18752420        .       +
        .       ID=Smp_129230;geneID=Smp_129230
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SM_V9_5 Liftoff mRNA    18697986        18752420        .       +
        .
ID=Smp_129230.1;Parent=Smp_129230;geneID=Smp_129230;product=trypsin-
like serine protease;evidence=Traceable Author
Statement;literature=PMID:24676141;polypeptide_domain=InterPro:IPR00
1254,IPR001314,IPR009003,IPR018114
Pfam:PF00089;Ontology_term=GO:0004252,GO:0006508
SM_V9_5 Liftoff exon    18697986        18698538        .       +
        .       Parent=Smp_129230.1
SM_V9_5 Liftoff exon    18732264        18732291        .       +
        .       Parent=Smp_129230.1
SM_V9_5 Liftoff exon    18735807        18736179        .       +
        .       Parent=Smp_129230.1
SM_V9_5 Liftoff exon    18739649        18739788        .       +
        .       Parent=Smp_129230.1
SM_V9_5 Liftoff exon    18746754        18746909        .       +
        .       Parent=Smp_129230.1
SM_V9_5 Liftoff exon    18750881        18751053        .       +
        .       Parent=Smp_129230.1
SM_V9_5 Liftoff exon    18751944        18752420        .       +
        .       Parent=Smp_129230.1
SM_V9_5 Liftoff CDS     18698458        18698538        .       +
        0       Parent=Smp_129230.1
SM_V9_5 Liftoff CDS     18732264        18732291        .       +
        0       Parent=Smp_129230.1
SM_V9_5 Liftoff CDS     18735807        18736179        .       +
        2       Parent=Smp_129230.1
SM_V9_5 Liftoff CDS     18739649        18739788        .       +
        1       Parent=Smp_129230.1
SM_V9_5 Liftoff CDS     18746754        18746909        .       +
        2       Parent=Smp_129230.1
SM_V9_5 Liftoff CDS     18750881        18751053        .       +
        2       Parent=Smp_129230.1
SM_V9_5 Liftoff CDS     18751944        18752111        .       +
        0       Parent=Smp_129230.1
SM_V9_5 Liftoff gene    18781502        18825364        .       +
        .
ID=Smp_342420;geneID=Smp_342420;previous_systematic_id=Smp_129220
SM_V9_5 Liftoff mRNA    18781502        18825364        .       +
        .
ID=Smp_342420.1;Parent=Smp_342420;geneID=Smp_342420;product=Dihydrox
yacetone phosphate acyltransferase
SM_V9_5 Liftoff exon    18781502        18812471        .       +
        .       Parent=Smp_342420.1
SM_V9_5 Liftoff exon    18817006        18817542        .       +
        .       Parent=Smp_342420.1
SM_V9_5 Liftoff exon    18822832        18822915        .       +
        .       Parent=Smp_342420.1
SM_V9_5 Liftoff exon    18824590        18825364        .       +
        .       Parent=Smp_342420.1
SM_V9_5 Liftoff CDS     18812402        18812471        .       +
        0       Parent=Smp_342420.1
SM_V9_5 Liftoff CDS     18817006        18817542        .       +
        2       Parent=Smp_342420.1
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SM_V9_5 Liftoff CDS     18822832        18822915        .       +
        2       Parent=Smp_342420.1
SM_V9_5 Liftoff CDS     18824590        18824594        .       +
        2       Parent=Smp_342420.1
SM_V9_5 iris    gene    18835843        18883248        .       +
        .
ID=Smp_129210;geneID=Smp_129210;gene_name=Smp_129210;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    18835843        18883248        .       +
        .
ID=Smp_129210.1;Parent=Smp_129210;geneID=Smp_129210;gene_name=Smp_12
9210;owner=irisadmin@local.host;orig_id=Smp_129210.1;date_last_modif
ied=2022-08-18;Name=Smp_129210.1;product=Tyrosine--tRNA ligase,
cytoplasmic;date_creation=2022-08-18
SM_V9_5 iris    exon    18835843        18835993        .       +
        .       Parent=Smp_129210.1;Name=291de170-
d838-4c81-80a5-66c994fb225f
SM_V9_5 iris    exon    18844249        18844367        .       +
        .       Parent=Smp_129210.1;Name=6a1871ab-c725-4ea0-8168-
d40ad5f56e06
SM_V9_5 iris    exon    18845124        18845452        .       +
        .       Parent=Smp_129210.1;Name=12bb9042-65df-4c25-81e5-
efc132da2638
SM_V9_5 iris    exon    18846381        18846591        .       +
        .       Parent=Smp_129210.1;Name=3e465bfd-da8b-4b92-89ba-
e222d9536693
SM_V9_5 iris    exon    18848338        18848581        .       +
        .       Parent=Smp_129210.1;Name=51cbaa6f-59df-485a-99fd-
cd5df2f43db5
SM_V9_5 iris    exon    18851068        18851289        .       +
        .       Parent=Smp_129210.1;Name=60cb9345-24e3-4463-964f-
f536f83de925
SM_V9_5 iris    exon    18852401        18852534        .       +
        .
Parent=Smp_129210.1;Name=fd6c50c0-8126-4cf3-912f-204bbe2999b2
SM_V9_5 iris    exon    18858846        18858992        .       +
        .       Parent=Smp_129210.1;Name=4273cea5-5032-4fc3-8642-
cce4bbc5aaf2
SM_V9_5 iris    exon    18859753        18859925        .       +
        .       Parent=Smp_129210.1;Name=3013a926-5919-469f-
b8a3-1bd44bcdc169
SM_V9_5 iris    exon    18862930        18863209        .       +
        .       Parent=Smp_129210.1;Name=0f7968ef-5f74-4d1e-
bc6a-41b3fd90d8bf
SM_V9_5 iris    exon    18865263        18865617        .       +
        .       Parent=Smp_129210.1;Name=93713ebc-44e3-45b3-962c-
ce95a0cd8105
SM_V9_5 iris    exon    18867750        18868151        .       +
        .
Parent=Smp_129210.1;Name=79529fb8-573d-4e42-9934-6a690d979f74
SM_V9_5 iris    exon    18877594        18877712        .       +
        .       Parent=Smp_129210.1;Name=d5d480db-4981-4419-b858-
ef404c958673
SM_V9_5 iris    exon    18879558        18879731        .       +
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        .       Parent=Smp_129210.1;Name=6f9e98f1-82ee-4ed2-89e9-
c8f10e8c6b6c
SM_V9_5 iris    exon    18882619        18883248        .       +
        .       Parent=Smp_129210.1;Name=ef7b4bb4-
c1d1-41ed-8ca4-85924fbed5ac
SM_V9_5 iris    CDS     18844326        18844367        .       +
        0       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18845124        18845452        .       +
        0       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18846381        18846591        .       +
        1       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18848338        18848581        .       +
        0       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18851068        18851289        .       +
        2       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18852401        18852534        .       +
        2       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18858846        18858992        .       +
        0       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18859753        18859925        .       +
        0       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18862930        18863209        .       +
        1       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18865263        18865617        .       +
        0       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18867750        18868151        .       +
        2       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18877594        18877712        .       +
        2       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18879558        18879731        .       +
        0       Parent=Smp_129210.1
SM_V9_5 iris    CDS     18882619        18882957        .       +
        0       Parent=Smp_129210.1
SM_V9_5 Liftoff gene    18886051        18902779        .       -
        .
ID=Smp_342410;geneID=Smp_342410;previous_systematic_id=Smp_129200
SM_V9_5 Liftoff mRNA    18886051        18902779        .       -
        .
ID=Smp_342410.1;Parent=Smp_342410;geneID=Smp_342410;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:00036
76
SM_V9_5 Liftoff exon    18886051        18886365        .       -
        .       Parent=Smp_342410.1
SM_V9_5 Liftoff exon    18889648        18890433        .       -
        .       Parent=Smp_342410.1
SM_V9_5 Liftoff exon    18891886        18891952        .       -
        .       Parent=Smp_342410.1
SM_V9_5 Liftoff exon    18894732        18902779        .       -
        .       Parent=Smp_342410.1
SM_V9_5 Liftoff CDS     18886090        18886365        .       -
        0       Parent=Smp_342410.1
SM_V9_5 Liftoff CDS     18889648        18890433        .       -
        0       Parent=Smp_342410.1
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SM_V9_5 Liftoff CDS     18891886        18891952        .       -
        1       Parent=Smp_342410.1
SM_V9_5 Liftoff CDS     18894732        18894892        .       -
        0       Parent=Smp_342410.1
SM_V9_5 iris    gene    18905023        18947696        .       +
        .
ID=Smp_334610;geneID=Smp_334610;gene_name=Smp_334610;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    18905023        18947696        .       +
        .
ID=Smp_334610.1;Parent=Smp_334610;geneID=Smp_334610;gene_name=Smp_33
4610;owner=irisadmin@local.host;orig_id=Smp_334610.1;date_last_modif
ied=2022-07-17;Name=Smp_334610.1;product=Polycystin-2;date_creation=
2022-07-17
SM_V9_5 iris    exon    18905023        18905186        .       +
        .       Parent=Smp_334610.1;Name=3d0596f0-1f61-4fb5-
a509-8cbe671508dc
SM_V9_5 iris    exon    18909063        18909291        .       +
        .       Parent=Smp_334610.1;Name=5ed259c6-075d-450e-
b9df-89547071130d
SM_V9_5 iris    exon    18911344        18911420        .       +
        .       Parent=Smp_334610.1;Name=d51f39b1-77a7-4e16-
bdeb-22b1ac47c819
SM_V9_5 iris    exon    18921629        18921680        .       +
        .
Parent=Smp_334610.1;Name=3bf919a0-1e97-4d0c-8b67-2b42ad75effb
SM_V9_5 iris    exon    18921724        18921854        .       +
        .       Parent=Smp_334610.1;Name=77414d97-3273-46b5-a0dc-
a2bdcd04b2b3
SM_V9_5 iris    exon    18922570        18922823        .       +
        .       Parent=Smp_334610.1;Name=ed16d930-910a-418b-905c-
bc9d4cb2a35d
SM_V9_5 iris    exon    18925155        18925379        .       +
        .       Parent=Smp_334610.1;Name=f0ecd308-
b4e9-406b-890e-5b96a885c6f3
SM_V9_5 iris    exon    18927634        18927796        .       +
        .       Parent=Smp_334610.1;Name=391ed853-01e8-49c6-
a2fa-98c91935142e
SM_V9_5 iris    exon    18929884        18930120        .       +
        .       Parent=Smp_334610.1;Name=04cb0203-5c81-47f1-
b23f-39b288604f1f
SM_V9_5 iris    exon    18933760        18933941        .       +
        .       Parent=Smp_334610.1;Name=14841f9a-eb6c-41d2-
b13f-2d7284720bc8
SM_V9_5 iris    exon    18936366        18936585        .       +
        .
Parent=Smp_334610.1;Name=519f89de-8ba9-49b7-8b78-732528e38bb9
SM_V9_5 iris    exon    18937860        18937993        .       +
        .       Parent=Smp_334610.1;Name=8123f5d2-bac9-44db-adec-
a9ed906e9fd7
SM_V9_5 iris    exon    18941682        18941799        .       +
        .       Parent=Smp_334610.1;Name=08b57a36-
e83c-4538-8bbb-0187996336dc
SM_V9_5 iris    exon    18944094        18944372        .       +
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        .       Parent=Smp_334610.1;Name=701c072c-19c5-4cb1-bfb3-
d8d5799cf604
SM_V9_5 iris    exon    18945984        18946101        .       +
        .       Parent=Smp_334610.1;Name=605422fa-0046-49d1-a785-
ed40de80dd02
SM_V9_5 iris    exon    18947223        18947696        .       +
        .       Parent=Smp_334610.1;Name=95a0b19e-7c35-4208-8cfe-
ee9f867fd004
SM_V9_5 iris    CDS     18909066        18909291        .       +
        0       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18911344        18911420        .       +
        2       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18921629        18921680        .       +
        0       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18921724        18921854        .       +
        2       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18922570        18922823        .       +
        0       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18925155        18925379        .       +
        1       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18927634        18927796        .       +
        1       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18929884        18930120        .       +
        0       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18933760        18933941        .       +
        0       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18936366        18936585        .       +
        1       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18937860        18937993        .       +
        0       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18941682        18941799        .       +
        1       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18944094        18944372        .       +
        0       Parent=Smp_334610.1
SM_V9_5 iris    CDS     18945984        18946076        .       +
        0       Parent=Smp_334610.1
SM_V9_5 Liftoff gene    18951346        18968339        .       -
        .
ID=Smp_336230;geneID=Smp_336230;previous_systematic_id=Smp_155200,Sm
p_210990
SM_V9_5 Liftoff mRNA    18951346        18968339        .       -
        .
ID=Smp_336230.1;Parent=Smp_336230;geneID=Smp_336230;product=Serine/
threonine-protein phosphatase PP1-
alpha;polypeptide_domain=InterPro:IPR004843,IPR006186,IPR029052
Pfam:PF00149;Ontology_term=GO:0016787
SM_V9_5 Liftoff exon    18951346        18951664        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18954390        18954494        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18955699        18955851        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18957939        18958016        .       -
        .       Parent=Smp_336230.1
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SM_V9_5 Liftoff exon    18958920        18958990        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18959832        18959920        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18961178        18961285        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18964124        18964329        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18965342        18965482        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff exon    18968140        18968339        .       -
        .       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18951518        18951664        .       -
        0       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18954390        18954494        .       -
        0       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18955699        18955851        .       -
        0       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18957939        18958016        .       -
        0       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18958920        18958990        .       -
        2       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18959832        18959920        .       -
        1       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18961178        18961285        .       -
        1       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18964124        18964329        .       -
        0       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18965342        18965482        .       -
        0       Parent=Smp_336230.1
SM_V9_5 Liftoff CDS     18968140        18968142        .       -
        0       Parent=Smp_336230.1
SM_V9_5 iris    gene    18976740        19002739        .       -
        .
ID=Smp_210980;geneID=Smp_210980;gene_name=Smp_210980;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    18976740        19002739        .       -
        .
ID=Smp_210980.1;Parent=Smp_210980;geneID=Smp_210980;gene_name=Smp_21
0980;owner=irisadmin@local.host;orig_id=Smp_210980.1;date_last_modif
ied=2022-08-18;Name=Smp_210980.1;product=Tetratricopeptide repeat
protein 5;date_creation=2022-08-18
SM_V9_5 iris    exon    18976740        18977431        .       -
        .       Parent=Smp_210980.1;Name=116d5f95-0734-4f63-
b794-309f1621fb46
SM_V9_5 iris    exon    18978155        18978292        .       -
        .       Parent=Smp_210980.1;Name=2706ed4e-
c298-4764-8033-4a05b6878029
SM_V9_5 iris    exon    18981310        18982005        .       -
        .       Parent=Smp_210980.1;Name=1b9cdf90-bdf4-4a7f-9f1d-
eea2e65de37d
SM_V9_5 iris    exon    18985679        18986167        .       -
        .       Parent=Smp_210980.1;Name=91c97fdc-fef8-4b0d-
a5d4-9f5fa76e953a
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SM_V9_5 iris    exon    18989145        18989381        .       -
        .       Parent=Smp_210980.1;Name=fced9dc5-d714-4daf-
aa1d-95170dc8438e
SM_V9_5 iris    exon    19001360        19001716        .       -
        .
Parent=Smp_210980.1;Name=30e923ed-8a2d-47ee-8a1a-7a1a052b3b71
SM_V9_5 iris    exon    19002714        19002739        .       -
        .       Parent=Smp_210980.1;Name=454ea01a-
b251-495c-8018-68edc5bc1c92
SM_V9_5 iris    CDS     18977018        18977431        .       -
        0       Parent=Smp_210980.1
SM_V9_5 iris    CDS     18978155        18978292        .       -
        0       Parent=Smp_210980.1
SM_V9_5 iris    CDS     18981310        18982005        .       -
        0       Parent=Smp_210980.1
SM_V9_5 iris    CDS     18985679        18986167        .       -
        0       Parent=Smp_210980.1
SM_V9_5 iris    CDS     18989145        18989381        .       -
        0       Parent=Smp_210980.1
SM_V9_5 iris    CDS     19001360        19001710        .       -
        0       Parent=Smp_210980.1
SM_V9_5 iris    gene    19002731        19005329        .       -
        .
ID=Smp_155210;geneID=Smp_155210;gene_name=Smp_155210;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    19002731        19005329        .       -
        .
ID=Smp_155210.1;Parent=Smp_155210;geneID=Smp_155210;gene_name=Smp_15
5210;owner=irisadmin@local.host;orig_id=Smp_155210.1;date_last_modif
ied=2022-08-18;Name=Smp_155210.1;product=Protein
SEY1;date_creation=2022-08-18
SM_V9_5 iris    exon    19002731        19003769        .       -
        .
Parent=Smp_155210.1;Name=5880dd9e-8ce4-4e7e-8bc0-3f310d01a0d8
SM_V9_5 iris    exon    19005210        19005329        .       -
        .       Parent=Smp_155210.1;Name=b6ee9b97-073a-44c6-bfab-
b4be927fb164
SM_V9_5 iris    CDS     19003120        19003769        .       -
        2       Parent=Smp_155210.1
SM_V9_5 iris    CDS     19005210        19005243        .       -
        0       Parent=Smp_155210.1
SM_V9_5 Liftoff gene    19008403        19021509        .       +
        .       ID=Smp_061480;geneID=Smp_061480
SM_V9_5 Liftoff mRNA    19008403        19021509        .       +
        .
ID=Smp_061480.1;Parent=Smp_061480;geneID=Smp_061480;product=GRIP1-
associated protein 1
SM_V9_5 Liftoff exon    19008403        19017362        .       +
        .       Parent=Smp_061480.1
SM_V9_5 Liftoff exon    19019782        19021509        .       +
        .       Parent=Smp_061480.1
SM_V9_5 Liftoff CDS     19016268        19017362        .       +
        0       Parent=Smp_061480.1
SM_V9_5 Liftoff CDS     19019782        19020258        .       +
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        0       Parent=Smp_061480.1
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        .
ID=Smp_061510;geneID=Smp_061510;previous_systematic_id=Smp_155220
SM_V9_5 Liftoff mRNA    19023685        19092329        .       -
        .
ID=Smp_061510.1;Parent=Smp_061510;geneID=Smp_061510;product=Nardilys
in;polypeptide_domain=InterPro:IPR001431,IPR007863,IPR011249,IPR0117
65,IPR032632
Pfam:PF00675,PF05193,PF16187;Ontology_term=GO:0003824,GO:0004222,GO:
0006508,GO:0046872
SM_V9_5 Liftoff exon    19023685        19024468        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19031113        19031208        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19035854        19035970        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19038306        19038548        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19040164        19040307        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19043031        19043099        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19044332        19044491        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19046183        19046316        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19047832        19047898        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19053442        19053525        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19054941        19054992        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19056379        19056475        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19059231        19059271        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19061132        19061218        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19062950        19063091        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19064276        19064590        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19069436        19069559        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19074611        19074688        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19077210        19077279        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19078514        19078584        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19080003        19080060        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19088127        19088249        .       -
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        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19088411        19088506        .       -
        .       Parent=Smp_061510.1
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        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19090089        19090170        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19092006        19092180        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff exon    19092216        19092329        .       -
        .       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19024118        19024468        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19031113        19031208        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19035854        19035970        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19038306        19038548        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19040164        19040307        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19043031        19043099        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19044332        19044491        .       -
        1       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19046183        19046316        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19047832        19047898        .       -
        1       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19053442        19053525        .       -
        1       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19054941        19054992        .       -
        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19056379        19056475        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19059231        19059271        .       -
        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19061132        19061218        .       -
        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19062950        19063091        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19064276        19064590        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19069436        19069559        .       -
        1       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19074611        19074688        .       -
        1       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19077210        19077279        .       -
        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19078514        19078584        .       -
        1       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19080003        19080060        .       -
        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19088127        19088249        .       -
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        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19088411        19088506        .       -
        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19089339        19089566        .       -
        2       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19090089        19090170        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19092006        19092180        .       -
        1       Parent=Smp_061510.1
SM_V9_5 Liftoff CDS     19092216        19092274        .       -
        0       Parent=Smp_061510.1
SM_V9_5 Liftoff gene    19059538        19060167        .       +
        .       ID=Smp_061500;geneID=Smp_061500
SM_V9_5 Liftoff mRNA    19059538        19060167        .       +
        .
ID=Smp_061500.1;Parent=Smp_061500;geneID=Smp_061500;product=Methyltr
ansferase-like
protein;polypeptide_domain=InterPro:IPR013217,IPR026113,IPR029063
Pfam:PF08242
SM_V9_5 Liftoff exon    19059538        19060167        .       +
        .       Parent=Smp_061500.1
SM_V9_5 Liftoff CDS     19059538        19060167        .       +
        0       Parent=Smp_061500.1
SM_V9_5 iris    gene    19119908        19152686        .       -
        .
ID=Smp_344720;geneID=Smp_344720;gene_name=Smp_344720;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19119908        19152686        .       -
        .
ID=Smp_344720.1;Parent=Smp_344720;geneID=Smp_344720;gene_name=Smp_34
4720;owner=irisadmin@local.host;orig_id=Smp_344720.1;date_last_modif
ied=2022-07-17;Name=Smp_344720.1;product=Tubulin polyglutamylase
TTLL7;date_creation=2022-07-17
SM_V9_5 iris    exon    19119908        19120816        .       -
        .       Parent=Smp_344720.1;Name=76154762-b9d0-44f6-
a700-85a7373b4af1
SM_V9_5 iris    exon    19124066        19124719        .       -
        .
Parent=Smp_344720.1;Name=e487015e-7ace-4292-8c62-3e44228ee916
SM_V9_5 iris    exon    19129094        19129162        .       -
        .       Parent=Smp_344720.1;Name=38359a62-
f159-47b0-821b-94499e3cc64a
SM_V9_5 iris    exon    19131005        19131217        .       -
        .       Parent=Smp_344720.1;Name=2f05503a-548a-4615-8400-
c9e4c150979c
SM_V9_5 iris    exon    19134840        19135164        .       -
        .       Parent=Smp_344720.1;Name=2282cbc0-e028-44c7-
bc11-09bed9fd3964
SM_V9_5 iris    exon    19136907        19137583        .       -
        .       Parent=Smp_344720.1;Name=56460608-c6b7-4a85-
b4c3-513693d5694d
SM_V9_5 iris    exon    19140525        19140753        .       -
        .       Parent=Smp_344720.1;Name=92aabf06-
fb36-43b5-884d-8e6f512aa086
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SM_V9_5 iris    exon    19150326        19150484        .       -
        .       Parent=Smp_344720.1;Name=d3c5c381-048d-4225-b0e9-
ecb0d0214fa6
SM_V9_5 iris    exon    19152153        19152284        .       -
        .       Parent=Smp_344720.1;Name=66bcc94c-faa4-4c88-85e8-
f98ac2ad2160
SM_V9_5 iris    exon    19152319        19152379        .       -
        .
Parent=Smp_344720.1;Name=0b404815-1e28-4a7e-8437-854c4b25087b
SM_V9_5 iris    exon    19152414        19152686        .       -
        .       Parent=Smp_344720.1;Name=c29789a8-c5c0-4484-aa5f-
ba9089c8bf04
SM_V9_5 iris    CDS     19120199        19120816        .       -
        0       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19124066        19124719        .       -
        0       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19129094        19129162        .       -
        0       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19131005        19131217        .       -
        0       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19134840        19135164        .       -
        1       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19136907        19137583        .       -
        0       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19140525        19140753        .       -
        1       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19150326        19150484        .       -
        1       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19152153        19152284        .       -
        1       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19152319        19152379        .       -
        2       Parent=Smp_344720.1
SM_V9_5 iris    CDS     19152414        19152606        .       -
        0       Parent=Smp_344720.1
SM_V9_5 Liftoff gene    19159374        19187298        .       +
        .       ID=Smp_061540;geneID=Smp_061540
SM_V9_5 Liftoff mRNA    19159374        19187298        .       +
        .
ID=Smp_061540.1;Parent=Smp_061540;geneID=Smp_061540;product=Putative
sodium-coupled neutral amino acid transporter
10;polypeptide_domain=InterPro:IPR013057 Pfam:PF01490
SM_V9_5 Liftoff exon    19159374        19163333        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19163372        19163489        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19163528        19163573        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19163606        19163699        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19169341        19169478        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19173793        19173917        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19177272        19177374        .       +
```

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        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19179928        19180119        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19182955        19183093        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff exon    19185385        19187298        .       +
        .       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19163199        19163333        .       +
        0       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19163372        19163489        .       +
        0       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19163528        19163573        .       +
        2       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19163606        19163699        .       +
        1       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19169341        19169478        .       +
        0       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19173793        19173917        .       +
        0       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19177272        19177374        .       +
        1       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19179928        19180119        .       +
        0       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19182955        19183093        .       +
        0       Parent=Smp_061540.1
SM_V9_5 Liftoff CDS     19185385        19185959        .       +
        2       Parent=Smp_061540.1
SM_V9_5 Liftoff gene    19201704        19252117        .       -
        .
ID=Smp_344730;geneID=Smp_344730;previous_systematic_id=Smp_155250
SM_V9_5 Liftoff mRNA    19201704        19252117        .       -
        .
ID=Smp_344730.1;Parent=Smp_344730;geneID=Smp_344730;product=nuclear
receptor subfamily 2 group E member;evidence=Traceable Author
Statement;literature=PMID:16406405;polypeptide_domain=InterPro:IPR00
0536,IPR001628,IPR013088
Pfam:PF00105;Ontology_term=GO:0003700,GO:0005634,GO:0006355,GO:00082
70,GO:0043401,GO:0043565
SM_V9_5 Liftoff exon    19201704        19203371        .       -
        .       Parent=Smp_344730.1
SM_V9_5 Liftoff exon    19206474        19206614        .       -
        .       Parent=Smp_344730.1
SM_V9_5 Liftoff exon    19209565        19210416        .       -
        .       Parent=Smp_344730.1
SM_V9_5 Liftoff exon    19213261        19214030        .       -
        .       Parent=Smp_344730.1
SM_V9_5 Liftoff exon    19214625        19214979        .       -
        .       Parent=Smp_344730.1
SM_V9_5 Liftoff exon    19224575        19224696        .       -
        .       Parent=Smp_344730.1
SM_V9_5 Liftoff exon    19231299        19231380        .       -
        .       Parent=Smp_344730.1
SM_V9_5 Liftoff exon    19251315        19252117        .       -
        .       Parent=Smp_344730.1
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SM_V9_5 Liftoff CDS     19203088        19203371        .       -
        2       Parent=Smp_344730.1
SM_V9_5 Liftoff CDS     19206474        19206614        .       -
        2       Parent=Smp_344730.1
SM_V9_5 Liftoff CDS     19209565        19210416        .       -
        2       Parent=Smp_344730.1
SM_V9_5 Liftoff CDS     19213261        19214030        .       -
        1       Parent=Smp_344730.1
SM_V9_5 Liftoff CDS     19214625        19214979        .       -
        2       Parent=Smp_344730.1
SM_V9_5 Liftoff CDS     19224575        19224696        .       -
        1       Parent=Smp_344730.1
SM_V9_5 Liftoff CDS     19231299        19231380        .       -
        2       Parent=Smp_344730.1
SM_V9_5 Liftoff CDS     19251315        19251870        .       -
        0       Parent=Smp_344730.1
SM_V9_5 Liftoff gene    19287591        19289416        .       +
        .       ID=Smp_330670;geneID=Smp_330670
SM_V9_5 Liftoff mRNA    19287591        19289416        .       +
        .
ID=Smp_330670.1;Parent=Smp_330670;geneID=Smp_330670;product=Highly
reducing polyketide synthase easB
SM_V9_5 Liftoff exon    19287591        19289416        .       +
        .       Parent=Smp_330670.1
SM_V9_5 Liftoff CDS     19288843        19289046        .       +
        0       Parent=Smp_330670.1
SM_V9_5 Liftoff gene    19294998        19295571        .       -
        .       ID=Smp_061560;geneID=Smp_061560
SM_V9_5 Liftoff mRNA    19294998        19295571        .       -
        .
ID=Smp_061560.1;Parent=Smp_061560;geneID=Smp_061560;product=Mitochon
drial import inner membrane translocase subunit Tim13-
B;polypeptide_domain=InterPro:IPR004217,IPR035427 Pfam:PF02953
SM_V9_5 Liftoff exon    19294998        19295265        .       -
        .       Parent=Smp_061560.1
SM_V9_5 Liftoff exon    19295302        19295370        .       -
        .       Parent=Smp_061560.1
SM_V9_5 Liftoff exon    19295406        19295571        .       -
        .       Parent=Smp_061560.1
SM_V9_5 Liftoff CDS     19295167        19295265        .       -
        0       Parent=Smp_061560.1
SM_V9_5 Liftoff CDS     19295302        19295370        .       -
        0       Parent=Smp_061560.1
SM_V9_5 Liftoff CDS     19295406        19295513        .       -
        0       Parent=Smp_061560.1
SM_V9_5 Liftoff gene    19310266        19321417        .       -
        .       ID=Smp_061570;geneID=Smp_061570
SM_V9_5 Liftoff mRNA    19310266        19321417        .       -
        .
ID=Smp_061570.1;Parent=Smp_061570;geneID=Smp_061570;product=Mediator
of RNA polymerase II transcription subunit
19;polypeptide_domain=InterPro:IPR019403
Pfam:PF10278;Ontology_term=GO:0001104,GO:0006357,GO:0016592
SM_V9_5 Liftoff exon    19310266        19311727        .       -
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        .       Parent=Smp_061570.1
SM_V9_5 Liftoff exon    19317562        19321417        .       -
        .       Parent=Smp_061570.1
SM_V9_5 Liftoff CDS     19310525        19311727        .       -
        0       Parent=Smp_061570.1
SM_V9_5 Liftoff CDS     19317562        19317900        .       -
        0       Parent=Smp_061570.1
SM_V9_5 Liftoff gene    19344174        19345644        .       -
        .
ID=Smp_242850;geneID=Smp_242850;previous_systematic_id=Smp_155190
SM_V9_5 Liftoff mRNA    19344174        19345644        .       -
        .
ID=Smp_242850.1;Parent=Smp_242850;geneID=Smp_242850;product=Long-
chain-fatty-acid--CoA/3-oxocholest-4-en-26-oate--CoA ligase
SM_V9_5 Liftoff exon    19344174        19344640        .       -
        .       Parent=Smp_242850.1
SM_V9_5 Liftoff exon    19345179        19345644        .       -
        .       Parent=Smp_242850.1
SM_V9_5 Liftoff CDS     19344416        19344640        .       -
        0       Parent=Smp_242850.1
SM_V9_5 Liftoff CDS     19345179        19345622        .       -
        0       Parent=Smp_242850.1
SM_V9_5 Liftoff gene    19360379        19363334        .       -
        .       ID=Smp_330680;geneID=Smp_330680
SM_V9_5 Liftoff mRNA    19360379        19363334        .       -
        .
ID=Smp_330680.1;Parent=Smp_330680;geneID=Smp_330680;product=1-(5-
phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino]
imidazole-4-carboxamide isomerase
SM_V9_5 Liftoff exon    19360379        19363334        .       -
        .       Parent=Smp_330680.1
SM_V9_5 Liftoff CDS     19361052        19361249        .       -
        0       Parent=Smp_330680.1
SM_V9_5 iris    gene    19363901        19371923        .       +
        .
ID=Smp_330700;geneID=Smp_330700;gene_name=Smp_330700;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19363898        19371923        .       +
        .
ID=Smp_330700.1;Parent=Smp_330700;geneID=Smp_330700;gene_name=Smp_33
0700;owner=irisadmin@local.host;date_last_modified=2022-07-17;Name=S
mp_330700.1;product=Malate dehydrogenase,
cytoplasmic;date_creation=2022-07-17
SM_V9_5 iris    exon    19363898        19363926        .       +
        .       Parent=Smp_330700.1;Name=Smp_330700.1-CDS
SM_V9_5 iris    exon    19364026        19364170        .       +
        .       Parent=Smp_330700.1;Name=0eb0a007-d600-4f71-bc84-
a158fce9273e
SM_V9_5 iris    exon    19364207        19364296        .       +
        .       Parent=Smp_330700.1;Name=c137c5b6-
d8e5-414d-93f7-5c170703f373
SM_V9_5 iris    exon    19364354        19364423        .       +
        .       Parent=Smp_330700.1;Name=63501649-4d10-4f6b-
adda-7f331114dbeb
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SM_V9_5 iris    exon    19364715        19364807        .       +
        .       Parent=Smp_330700.1;Name=cb044811-8e86-432c-
ba6a-9730df88263a
SM_V9_5 iris    exon    19365839        19365889        .       +
        .
Parent=Smp_330700.1;Name=ea4b52bb-21b4-4acb-9d05-9ab5898ba37d
SM_V9_5 iris    exon    19366776        19366840        .       +
        .       Parent=Smp_330700.1;Name=d4726455-2885-4437-
bd9f-1b2574be9ab8
SM_V9_5 iris    exon    19367804        19367876        .       +
        .       Parent=Smp_330700.1;Name=078a8040-372e-4442-
a78d-052eede30758
SM_V9_5 iris    exon    19369585        19369665        .       +
        .       Parent=Smp_330700.1;Name=6466c3f5-b261-46da-
a59e-50d9b27da96e
SM_V9_5 iris    exon    19370517        19370662        .       +
        .       Parent=Smp_330700.1;Name=37b09334-9ad8-42a2-
bc30-810a6f963903
SM_V9_5 iris    exon    19371291        19371419        .       +
        .       Parent=Smp_330700.1;Name=e26eaebf-afd9-46b8-
be4c-90b7a782b5b2
SM_V9_5 iris    exon    19371466        19371594        .       +
        .       Parent=Smp_330700.1;Name=a6379782-3c11-4baf-
ae0e-24bd9910d41b
SM_V9_5 iris    exon    19371646        19371923        .       +
        .       Parent=Smp_330700.1;Name=28eac433-40b3-4611-
bd8f-764a39d4977f
SM_V9_5 iris    CDS     19363922        19363926        .       +
        0       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19364026        19364170        .       +
        1       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19364207        19364296        .       +
        0       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19364354        19364423        .       +
        0       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19364715        19364807        .       +
        2       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19365839        19365889        .       +
        2       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19366776        19366840        .       +
        2       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19367804        19367876        .       +
        0       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19369585        19369665        .       +
        2       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19370517        19370662        .       +
        2       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19371291        19371419        .       +
        0       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19371466        19371594        .       +
        0       Parent=Smp_330700.1
SM_V9_5 iris    CDS     19371646        19371798        .       +
        0       Parent=Smp_330700.1
SM_V9_5 Liftoff gene    19380278        19380704        .       -
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        .       ID=Smp_330710;geneID=Smp_330710
SM_V9_5 Liftoff mRNA    19380278        19380704        .       -
        .
ID=Smp_330710.1;Parent=Smp_330710;geneID=Smp_330710;product=Cysteine
proteinase
SM_V9_5 Liftoff exon    19380278        19380476        .       -
        .       Parent=Smp_330710.1
SM_V9_5 Liftoff exon    19380516        19380704        .       -
        .       Parent=Smp_330710.1
SM_V9_5 Liftoff CDS     19380298        19380476        .       -
        2       Parent=Smp_330710.1
SM_V9_5 Liftoff CDS     19380516        19380603        .       -
        0       Parent=Smp_330710.1
SM_V9_5 iris    gene    19391018        19412089        .       +
        .
ID=Smp_344710;geneID=Smp_344710;gene_name=Smp_344710;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19391018        19412089        .       +
        .
ID=Smp_344710.1;Parent=Smp_344710;geneID=Smp_344710;gene_name=Smp_34
4710;owner=irisadmin@local.host;orig_id=Smp_344710.1;date_last_modif
ied=2022-07-17;Name=Smp_344710.1;product=Alpha-
taxilin;date_creation=2022-07-17
SM_V9_5 iris    exon    19391018        19391143        .       +
        .       Parent=Smp_344710.1;Name=4b2b58b8-5358-4f98-
ba2e-11e5f1120604
SM_V9_5 iris    exon    19391183        19391322        .       +
        .       Parent=Smp_344710.1;Name=2d4828fd-8210-4183-
a610-77cf6b0a8c94
SM_V9_5 iris    exon    19397914        19398024        .       +
        .
Parent=Smp_344710.1;Name=f3e3be90-5e76-4a4f-8649-4e17059534a8
SM_V9_5 iris    exon    19399013        19399219        .       +
        .
Parent=Smp_344710.1;Name=bff790ea-3f67-4965-9e3f-3fec5f11e876
SM_V9_5 iris    exon    19400648        19400830        .       +
        .       Parent=Smp_344710.1;Name=2a698adf-96c9-4338-b255-
f7564caec4f7
SM_V9_5 iris    exon    19403915        19404007        .       +
        .       Parent=Smp_344710.1;Name=251f57ce-2623-4151-b225-
cde89510dada
SM_V9_5 iris    exon    19407322        19407952        .       +
        .       Parent=Smp_344710.1;Name=a75ada23-1ffa-45e4-9190-
a49efd50ddaf
SM_V9_5 iris    exon    19410628        19412089        .       +
        .       Parent=Smp_344710.1;Name=78748b36-0054-4735-a189-
d4de4caad840
SM_V9_5 iris    CDS     19391056        19391143        .       +
        0       Parent=Smp_344710.1
SM_V9_5 iris    CDS     19391183        19391322        .       +
        2       Parent=Smp_344710.1
SM_V9_5 iris    CDS     19397914        19398024        .       +
        0       Parent=Smp_344710.1
SM_V9_5 iris    CDS     19399013        19399219        .       +
```

```
        0       Parent=Smp_344710.1
SM_V9_5 iris    CDS     19400648        19400830        .       +
        0       Parent=Smp_344710.1
SM_V9_5 iris    CDS     19403915        19404007        .       +
        0       Parent=Smp_344710.1
SM_V9_5 iris    CDS     19407322        19407952        .       +
        0       Parent=Smp_344710.1
SM_V9_5 iris    CDS     19410628        19410668        .       +
        2       Parent=Smp_344710.1
SM_V9_5 iris    gene    19417816        19423900        .       +
        .
ID=Smp_349260;geneID=Smp_349260;gene_name=Smp_349260;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19417755        19423900        .       +
        .
ID=Smp_349260.1;Parent=Smp_349260;geneID=Smp_349260;gene_name=Smp_34
9260;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349260.1;date_creation=2022-07-17
SM_V9_5 iris    exon    19417755        19417841        .       +
        .       Parent=Smp_349260.1;Name=39133020-
ddfc-4264-913b-762aeb689e15
SM_V9_5 iris    exon    19417941        19418723        .       +
        .       Parent=Smp_349260.1;Name=01514715-1473-4670-
baf3-36db5079252f
SM_V9_5 iris    exon    19419648        19419698        .       +
        .       Parent=Smp_349260.1;Name=Smp_349260.1-CDS
SM_V9_5 iris    exon    19420520        19420592        .       +
        .       Parent=Smp_349260.1;Name=1c7cdf7d-4c19-40a8-9485-
f530e1d71b09
SM_V9_5 iris    exon    19421425        19421502        .       +
        .       Parent=Smp_349260.1;Name=0b37aeaa-
b514-4fe6-8e33-26c76e39f98d
SM_V9_5 iris    exon    19422384        19422529        .       +
        .       Parent=Smp_349260.1;Name=02ad8eab-246a-438f-
ad2b-5cf98d3cc7f1
SM_V9_5 iris    exon    19423369        19423497        .       +
        .       Parent=Smp_349260.1;Name=79f323f5-1e6b-4838-
b7a8-3e892198af41
SM_V9_5 iris    exon    19423545        19423900        .       +
        .
Parent=Smp_349260.1;Name=fbefea0c-3b35-4ee3-8342-9442a47518dd
SM_V9_5 iris    CDS     19419690        19419698        .       +
        0       Parent=Smp_349260.1
SM_V9_5 iris    CDS     19420520        19420592        .       +
        0       Parent=Smp_349260.1
SM_V9_5 iris    CDS     19421425        19421502        .       +
        2       Parent=Smp_349260.1
SM_V9_5 iris    CDS     19422384        19422529        .       +
        2       Parent=Smp_349260.1
SM_V9_5 iris    CDS     19423369        19423497        .       +
        0       Parent=Smp_349260.1
SM_V9_5 iris    CDS     19423545        19423685        .       +
        0       Parent=Smp_349260.1
SM_V9_5 iris    gene    19443408        19450907        .       +
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        .
ID=Smp_349270;geneID=Smp_349270;gene_name=Smp_349270;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19443408        19450907        .       +
        .
ID=Smp_349270.1;Parent=Smp_349270;geneID=Smp_349270;gene_name=Smp_34
9270;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349270.1;date_creation=2022-07-17
SM_V9_5 iris    exon    19443408        19443433        .       +
        .       Parent=Smp_349270.1;Name=7669543e-e242-4696-9bb0-
c0d2df5e6c34
SM_V9_5 iris    exon    19443533        19443677        .       +
        .       Parent=Smp_349270.1;Name=c1fd9f73-88ec-4327-
a617-761ebd745d71
SM_V9_5 iris    exon    19444223        19444315        .       +
        .       Parent=Smp_349270.1;Name=Smp_349270.1-CDS
SM_V9_5 iris    exon    19445240        19445290        .       +
        .       Parent=Smp_349270.1;Name=707b47bd-e1af-447a-
abd9-615e74b24e3b
SM_V9_5 iris    exon    19446564        19446628        .       +
        .       Parent=Smp_349270.1;Name=e041d113-6503-4899-bb72-
e50a2c4794be
SM_V9_5 iris    exon    19447528        19447600        .       +
        .       Parent=Smp_349270.1;Name=18787e47-
dd31-4d43-97c1-32fa489fdf2a
SM_V9_5 iris    exon    19448431        19448508        .       +
        .       Parent=Smp_349270.1;Name=588fb9c4-da06-44bf-b1d0-
a21ddc7bf5b2
SM_V9_5 iris    exon    19449390        19449535        .       +
        .       Parent=Smp_349270.1;Name=19d3f423-11c0-4060-af16-
d6fa8099e39b
SM_V9_5 iris    exon    19450375        19450503        .       +
        .       Parent=Smp_349270.1;Name=4583b1c3-8bc3-4a0a-94fe-
a39e6fbed83c
SM_V9_5 iris    exon    19450551        19450907        .       +
        .
Parent=Smp_349270.1;Name=cfdce026-050d-45f4-8469-88d72faf83dd
SM_V9_5 iris    CDS     19444234        19444315        .       +
        0       Parent=Smp_349270.1
SM_V9_5 iris    CDS     19445240        19445290        .       +
        2       Parent=Smp_349270.1
SM_V9_5 iris    CDS     19446564        19446628        .       +
        2       Parent=Smp_349270.1
SM_V9_5 iris    CDS     19447528        19447600        .       +
        0       Parent=Smp_349270.1
SM_V9_5 iris    CDS     19448431        19448508        .       +
        2       Parent=Smp_349270.1
SM_V9_5 iris    CDS     19449390        19449535        .       +
        2       Parent=Smp_349270.1
SM_V9_5 iris    CDS     19450375        19450503        .       +
        0       Parent=Smp_349270.1
SM_V9_5 iris    CDS     19450551        19450691        .       +
        0       Parent=Smp_349270.1
SM_V9_5 Liftoff gene    19457228        19464047        .       +
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        .
ID=Smp_332120;geneID=Smp_332120;previous_systematic_id=Smp_155160
SM_V9_5 Liftoff mRNA    19457228        19464047        .       +
        .
ID=Smp_332120.1;Parent=Smp_332120;geneID=Smp_332120;product=Beta-
taxilin;polypeptide_domain=InterPro:IPR026183
Pfam:PF09728;Ontology_term=GO:0019905
SM_V9_5 Liftoff exon    19457228        19457474        .       +
        .       Parent=Smp_332120.1
SM_V9_5 Liftoff exon    19459570        19459639        .       +
        .       Parent=Smp_332120.1
SM_V9_5 Liftoff exon    19459675        19460193        .       +
        .       Parent=Smp_332120.1
SM_V9_5 Liftoff exon    19460241        19464047        .       +
        .       Parent=Smp_332120.1
SM_V9_5 Liftoff CDS     19457250        19457474        .       +
        0       Parent=Smp_332120.1
SM_V9_5 Liftoff CDS     19459570        19459639        .       +
        0       Parent=Smp_332120.1
SM_V9_5 Liftoff CDS     19459675        19460193        .       +
        2       Parent=Smp_332120.1
SM_V9_5 Liftoff CDS     19460241        19460323        .       +
        2       Parent=Smp_332120.1
SM_V9_5 iris    gene    19469398        19477010        .       +
        .
ID=Smp_349280;geneID=Smp_349280;gene_name=Smp_349280;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19469398        19477012        .       +
        .
ID=Smp_349280.1;Parent=Smp_349280;geneID=Smp_349280;gene_name=Smp_34
9280;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349280.1;date_creation=2022-07-17
SM_V9_5 iris    exon    19469398        19469497        .       +
        .       Parent=Smp_349280.1;Name=Smp_349280.1-CDS
SM_V9_5 iris    exon    19469597        19469741        .       +
        .       Parent=Smp_349280.1;Name=77e8c95e-21e9-4133-8199-
fa73bedc83ba
SM_V9_5 iris    exon    19469778        19469867        .       +
        .       Parent=Smp_349280.1;Name=50876362-109e-4843-96fe-
f53f469713b6
SM_V9_5 iris    exon    19469925        19469994        .       +
        .
Parent=Smp_349280.1;Name=efd68559-338f-4e76-9475-5e0b26f68c82
SM_V9_5 iris    exon    19470287        19470379        .       +
        .       Parent=Smp_349280.1;Name=77fc2b3d-
bb03-47e1-8c74-570205a9c522
SM_V9_5 iris    exon    19472668        19472732        .       +
        .       Parent=Smp_349280.1;Name=4c59b452-
c042-4e05-9a58-9b13c5ba973b
SM_V9_5 iris    exon    19473632        19473704        .       +
        .       Parent=Smp_349280.1;Name=b5017635-7ce2-4120-b27f-
de004d19d2e6
SM_V9_5 iris    exon    19474537        19474614        .       +
        .       Parent=Smp_349280.1;Name=bb38c5c7-e041-4251-94dc-
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c242f13abddb
SM_V9_5 iris    exon    19475496        19475641        .       +
        .
Parent=Smp_349280.1;Name=0a2fa9a6-3600-4e2d-9a91-5fe44ebbab50
SM_V9_5 iris    exon    19476481        19476609        .       +
        .       Parent=Smp_349280.1;Name=e679b597-ed64-437c-9474-
e2deaaf7eb31
SM_V9_5 iris    exon    19476657        19477012        .       +
        .       Parent=Smp_349280.1;Name=79822f64-4724-4584-
b9de-7c33b81a179d
SM_V9_5 iris    CDS     19469493        19469497        .       +
        0       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19469597        19469741        .       +
        1       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19469778        19469867        .       +
        0       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19469925        19469994        .       +
        0       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19470287        19470379        .       +
        2       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19472668        19472732        .       +
        2       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19473632        19473704        .       +
        0       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19474537        19474614        .       +
        2       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19475496        19475641        .       +
        2       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19476481        19476609        .       +
        0       Parent=Smp_349280.1
SM_V9_5 iris    CDS     19476657        19476797        .       +
        0       Parent=Smp_349280.1
SM_V9_5 iris    gene    19485971        19489432        .       +
        .
ID=Smp_330720;geneID=Smp_330720;gene_name=Smp_330720;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    19485971        19489432        .       +
        .
ID=Smp_330720.1;Parent=Smp_330720;geneID=Smp_330720;gene_name=Smp_33
0720;owner=irisadmin@local.host;orig_id=Smp_330720.1;date_last_modif
ied=2022-08-18;Name=Smp_330720.1;product=Beta-
taxilin;date_creation=2022-08-18
SM_V9_5 iris    exon    19485971        19486489        .       +
        .
Parent=Smp_330720.1;Name=1ff31411-532d-49fd-9ff2-51327c6c18c1
SM_V9_5 iris    exon    19489165        19489432        .       +
        .       Parent=Smp_330720.1;Name=28b7138e-a4fa-4e48-96bc-
b9919675c0f0
SM_V9_5 iris    CDS     19485973        19486489        .       +
        0       Parent=Smp_330720.1
SM_V9_5 iris    CDS     19489165        19489205        .       +
        2       Parent=Smp_330720.1
SM_V9_5 iris    gene    19524266        19531804        .       +
        .
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ID=Smp_349290;geneID=Smp_349290;gene_name=Smp_349290;owner=irisadmin
@local.host;date_last_modified=2022-11-10;date_creation=2022-11-10
SM_V9_5 iris    mRNA    19524266        19531804        .       +
       .
ID=Smp_349290.1;Parent=Smp_349290;geneID=Smp_349290;gene_name=Smp_34
9290;owner=irisadmin@local.host;date_last_modified=2022-11-10;Name=S
mp_349290.1;date_creation=2022-11-10
SM_V9_5 iris    exon    19524266        19524291        .       +
       .       Parent=Smp_349290.1;Name=Smp_349290.1-CDS
SM_V9_5 iris    exon    19524391        19524535        .       +
       .
Parent=Smp_349290.1;Name=1cf573bb-3b0d-4ce8-82e5-0e1ba95986eb
SM_V9_5 iris    exon    19524572        19524661        .       +
       .       Parent=Smp_349290.1;Name=69fe8c37-7134-43eb-931a-
fe575d8bf93f
SM_V9_5 iris    exon    19524719        19524788        .       +
       .       Parent=Smp_349290.1;Name=f88d5bac-
a44c-4cb7-8e8d-1a40813b0503
SM_V9_5 iris    exon    19525081        19525173        .       +
       .       Parent=Smp_349290.1;Name=719f5d03-aec2-42ce-b97b-
fbda8413461e
SM_V9_5 iris    exon    19526098        19526148        .       +
       .       Parent=Smp_349290.1;Name=9e60c62a-
e291-4e16-9628-2cf4b7bbaef0
SM_V9_5 iris    exon    19527462        19527526        .       +
       .       Parent=Smp_349290.1;Name=ffae1ade-e038-4d8f-
a92a-8a5a681560bc
SM_V9_5 iris    exon    19528426        19528470        .       +
       .       Parent=Smp_349290.1;Name=73a250c3-d29f-4340-ba03-
b69ce113b4c2
SM_V9_5 iris    exon    19528473        19528496        .       +
       .       Parent=Smp_349290.1;Name=f11dc712-f391-4d32-8c5a-
b1b062a0514d
SM_V9_5 iris    exon    19529350        19529406        .       +
       .
Parent=Smp_349290.1;Name=02d4b528-448c-4aa8-9f18-7f67d7564221
SM_V9_5 iris    exon    19530288        19530433        .       +
       .       Parent=Smp_349290.1;Name=29e9be19-9974-4e12-
bfaa-058231f8a08b
SM_V9_5 iris    exon    19531275        19531401        .       +
       .       Parent=Smp_349290.1;Name=e1a870b6-335e-4a49-
b5b9-238844c8fa2a
SM_V9_5 iris    exon    19531449        19531804        .       +
       .       Parent=Smp_349290.1;Name=6936f43b-825b-4eec-
aa1e-2b1ce9461b71
SM_V9_5 iris    CDS     19524287        19524291        .       +
       0       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19524391        19524535        .       +
       1       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19524572        19524661        .       +
       0       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19524719        19524788        .       +
       0       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19525081        19525173        .       +
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        2       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19526098        19526148        .       +
        2       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19527462        19527526        .       +
        2       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19528426        19528470        .       +
        0       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19528473        19528496        .       +
        0       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19529350        19529406        .       +
        0       Parent=Smp_349290.1
SM_V9_5 iris    CDS     19530288        19530416        .       +
        0       Parent=Smp_349290.1
SM_V9_5 iris    gene    19550700        19558490        .       +
        .
ID=Smp_349300;geneID=Smp_349300;gene_name=Smp_349300;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19550700        19558489        .       +
        .
ID=Smp_349300.1;Parent=Smp_349300;geneID=Smp_349300;gene_name=Smp_34
9300;owner=irisadmin@local.host;date_last_modified=2022-08-18;Name=S
mp_349300.1;date_creation=2022-07-17
SM_V9_5 iris    exon    19550700        19550738        .       +
        .       Parent=Smp_349300.1;Name=1db1ce7a-05e2-44cd-
a3d4-66d387841c52
SM_V9_5 iris    exon    19550779        19550892        .       +
        .
Parent=Smp_349300.1;Name=9b277e58-4ca8-46c7-91bc-6e816f3705c3
SM_V9_5 iris    exon    19550936        19550976        .       +
        .       Parent=Smp_349300.1;Name=Smp_349300.1-CDS
SM_V9_5 iris    exon    19551076        19551220        .       +
        .       Parent=Smp_349300.1;Name=143e29ee-88ec-4c75-
bd16-02065d936462
SM_V9_5 iris    exon    19551257        19551346        .       +
        .       Parent=Smp_349300.1;Name=bfb8cc89-8c4d-4c6f-
b2d4-910f7b147b6d
SM_V9_5 iris    exon    19551404        19551473        .       +
        .
Parent=Smp_349300.1;Name=1c5aefd8-00a4-49b4-843e-5bb5adef28b2
SM_V9_5 iris    exon    19551766        19551858        .       +
        .       Parent=Smp_349300.1;Name=56d7dfe5-4eac-4ce1-
a00d-9125c5d76181
SM_V9_5 iris    exon    19552783        19552833        .       +
        .       Parent=Smp_349300.1;Name=311116fa-5cb9-4eb5-9784-
c44e819bab8b
SM_V9_5 iris    exon    19554146        19554210        .       +
        .
Parent=Smp_349300.1;Name=4a9c2a71-09bc-4872-9074-384c438cd81c
SM_V9_5 iris    exon    19555110        19555182        .       +
        .       Parent=Smp_349300.1;Name=5ad1ebbb-6867-4d28-9540-
cdd50d79fd8d
SM_V9_5 iris    exon    19556015        19556092        .       +
        .       Parent=Smp_349300.1;Name=09ff171b-813a-4002-9024-
cc2c585b0843
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SM_V9_5 iris    exon    19556974        19557119        .       +
        .       Parent=Smp_349300.1;Name=06a03f9b-8bb1-42f5-
a8c5-507245662def
SM_V9_5 iris    exon    19557959        19558087        .       +
        .       Parent=Smp_349300.1;Name=8cc9a59b-3554-4d30-a949-
c4c7e662da31
SM_V9_5 iris    exon    19558135        19558489        .       +
        .       Parent=Smp_349300.1;Name=cddc5156-f32d-4970-
ae75-935f4cb28e27
SM_V9_5 iris    CDS     19550972        19550976        .       +
        0       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19551076        19551220        .       +
        1       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19551257        19551346        .       +
        0       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19551404        19551473        .       +
        0       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19551766        19551858        .       +
        2       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19552783        19552833        .       +
        2       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19554146        19554210        .       +
        2       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19555110        19555182        .       +
        0       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19556015        19556092        .       +
        2       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19556974        19557119        .       +
        2       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19557959        19558087        .       +
        0       Parent=Smp_349300.1
SM_V9_5 iris    CDS     19558135        19558275        .       +
        0       Parent=Smp_349300.1
SM_V9_5 iris    gene    19577636        19587021        .       +
        .
ID=Smp_349310;geneID=Smp_349310;gene_name=Smp_349310;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19577636        19587021        .       +
        .
ID=Smp_349310.1;Parent=Smp_349310;geneID=Smp_349310;gene_name=Smp_34
9310;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349310.1;date_creation=2022-07-17
SM_V9_5 iris    exon    19577636        19577661        .       +
        .       Parent=Smp_349310.1;Name=Smp_349310.1-CDS
SM_V9_5 iris    exon    19577761        19577905        .       +
        .       Parent=Smp_349310.1;Name=02c551ca-9016-42be-
acdc-125ee1640693
SM_V9_5 iris    exon    19577942        19578031        .       +
        .
Parent=Smp_349310.1;Name=76a4add8-96f7-431b-8507-76721d56b487
SM_V9_5 iris    exon    19578089        19578158        .       +
        .       Parent=Smp_349310.1;Name=27e9ebb3-db07-4a46-aace-
b8f831b01473
SM_V9_5 iris    exon    19578451        19578543        .       +
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        .       Parent=Smp_349310.1;Name=c8f57fae-a294-4d21-
b563-448cbd00009d
SM_V9_5 iris    exon    19579468        19579518        .       +
        .       Parent=Smp_349310.1;Name=ed23597f-79ed-46a2-836a-
ee955d76912a
SM_V9_5 iris    exon    19580832        19580896        .       +
        .       Parent=Smp_349310.1;Name=3f44465d-3af5-434f-b5d9-
a911952de736
SM_V9_5 iris    exon    19583617        19583689        .       +
        .       Parent=Smp_349310.1;Name=456ca7d1-181d-42f3-bd0a-
df4ed6bc9cc9
SM_V9_5 iris    exon    19584535        19584612        .       +
        .       Parent=Smp_349310.1;Name=c2a487ad-
c1d0-4fcf-8eea-909ea88dc010
SM_V9_5 iris    exon    19585493        19585638        .       +
        .
Parent=Smp_349310.1;Name=3a441310-85d6-4b6b-858c-61ec5b1dc63a
SM_V9_5 iris    exon    19586487        19586615        .       +
        .       Parent=Smp_349310.1;Name=48249ee5-062c-466e-
bcce-9f38f1fb4295
SM_V9_5 iris    exon    19586663        19587021        .       +
        .       Parent=Smp_349310.1;Name=fbe906a4-eb40-4247-
a7a0-8736188c64ef
SM_V9_5 iris    CDS     19577657        19577661        .       +
        0       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19577761        19577905        .       +
        1       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19577942        19578031        .       +
        0       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19578089        19578158        .       +
        0       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19578451        19578543        .       +
        2       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19579468        19579518        .       +
        2       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19580832        19580896        .       +
        2       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19583617        19583689        .       +
        0       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19584535        19584612        .       +
        2       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19585493        19585638        .       +
        2       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19586487        19586615        .       +
        0       Parent=Smp_349310.1
SM_V9_5 iris    CDS     19586663        19586803        .       +
        0       Parent=Smp_349310.1
SM_V9_5 iris    gene    19609035        19616436        .       +
        .
ID=Smp_349320;geneID=Smp_349320;gene_name=Smp_349320;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19609036        19616436        .       +
        .
ID=Smp_349320.1;Parent=Smp_349320;geneID=Smp_349320;gene_name=Smp_34
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9320;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349320.1;date_creation=2022-07-17
SM_V9_5 iris    exon    19609036        19609063        .       +
        .       Parent=Smp_349320.1;Name=Smp_349320.1-CDS
SM_V9_5 iris    exon    19609163        19609307        .       +
        .       Parent=Smp_349320.1;Name=5a77a7ed-
a4e5-4073-903d-99b4aac35687
SM_V9_5 iris    exon    19609344        19609433        .       +
        .       Parent=Smp_349320.1;Name=3a8f1f34-91a1-47cf-
bac1-81f32bca8672
SM_V9_5 iris    exon    19609491        19609560        .       +
        .       Parent=Smp_349320.1;Name=65cace95-
e5e7-43e8-8788-6f3e148debb2
SM_V9_5 iris    exon    19609853        19609945        .       +
        .       Parent=Smp_349320.1;Name=c66e7300-
a413-4eae-8d40-4244254bb2d4
SM_V9_5 iris    exon    19610871        19610921        .       +
        .       Parent=Smp_349320.1;Name=02cda21c-65c1-4367-a58c-
dff924ed0f1e
SM_V9_5 iris    exon    19612065        19612129        .       +
        .       Parent=Smp_349320.1;Name=6789786f-fc21-4075-bb83-
af28693cf73c
SM_V9_5 iris    exon    19613032        19613104        .       +
        .       Parent=Smp_349320.1;Name=330d77dd-494b-4d3f-aeb3-
b5baa9865702
SM_V9_5 iris    exon    19613924        19614001        .       +
        .
Parent=Smp_349320.1;Name=d612ce4c-476f-48ae-9346-40a6d594d2e7
SM_V9_5 iris    exon    19614883        19615028        .       +
        .       Parent=Smp_349320.1;Name=9a2d268e-6589-48e3-9ca4-
ca355d4033a8
SM_V9_5 iris    exon    19615732        19615860        .       +
        .       Parent=Smp_349320.1;Name=0e1d1a52-ac9b-4fc6-b87b-
ae339876422a
SM_V9_5 iris    exon    19615907        19616035        .       +
        .       Parent=Smp_349320.1;Name=be4833d2-9c32-4794-
a20d-0a61072e7d8c
SM_V9_5 iris    exon    19616083        19616436        .       +
        .       Parent=Smp_349320.1;Name=dcab2aed-7e7d-4044-
b2e4-0130a161746b
SM_V9_5 iris    CDS     19609059        19609063        .       +
        0       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19609163        19609307        .       +
        1       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19609344        19609433        .       +
        0       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19609491        19609560        .       +
        0       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19609853        19609945        .       +
        2       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19610871        19610921        .       +
        2       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19612065        19612129        .       +
        2       Parent=Smp_349320.1
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SM_V9_5 iris    CDS     19613032        19613104        .       +
        0       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19613924        19614001        .       +
        2       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19614883        19615028        .       +
        2       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19615732        19615860        .       +
        0       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19615907        19616035        .       +
        0       Parent=Smp_349320.1
SM_V9_5 iris    CDS     19616083        19616274        .       +
        0       Parent=Smp_349320.1
SM_V9_5 iris    gene    19645698        19653144        .       +
        .
ID=Smp_330730;geneID=Smp_330730;gene_name=Smp_330730;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19645698        19653158        .       +
        .
ID=Smp_330730.1;Parent=Smp_330730;geneID=Smp_330730;gene_name=Smp_33
0730;owner=irisadmin@local.host;date_last_modified=2022-07-17;Name=S
mp_330730.1;product=Glypican-1;date_creation=2022-07-17
SM_V9_5 iris    exon    19645698        19645723        .       +
        .       Parent=Smp_330730.1;Name=Smp_330730.1-CDS
SM_V9_5 iris    exon    19645823        19645967        .       +
        .
Parent=Smp_330730.1;Name=e180fe62-07ed-4885-8643-978ae0759aa8
SM_V9_5 iris    exon    19646004        19646093        .       +
        .       Parent=Smp_330730.1;Name=22e796f2-a5a1-45a1-
ade3-7403a435756e
SM_V9_5 iris    exon    19646151        19646220        .       +
        .       Parent=Smp_330730.1;Name=f825042f-7f96-4ad2-
aa6d-405263e1075e
SM_V9_5 iris    exon    19646513        19646605        .       +
        .
Parent=Smp_330730.1;Name=a7998ffd-443b-4cdd-8b68-88175f9ec8fe
SM_V9_5 iris    exon    19647531        19647581        .       +
        .
Parent=Smp_330730.1;Name=3f8a5415-4abc-426b-9e6e-45af9c1fc878
SM_V9_5 iris    exon    19648892        19648956        .       +
        .       Parent=Smp_330730.1;Name=d4be77cf-71d2-4564-
a2b2-13a2e6792ef4
SM_V9_5 iris    exon    19649859        19649931        .       +
        .       Parent=Smp_330730.1;Name=9d761420-ec90-4cd1-bfbf-
d97e42c383ba
SM_V9_5 iris    exon    19650777        19650854        .       +
        .       Parent=Smp_330730.1;Name=066f9f27-b963-4cf3-
bf44-06407c69ce16
SM_V9_5 iris    exon    19651736        19651881        .       +
        .       Parent=Smp_330730.1;Name=42648d82-80bf-41fc-9c9d-
fe9a5daeda71
SM_V9_5 iris    exon    19652511        19652639        .       +
        .       Parent=Smp_330730.1;Name=0212248b-4c83-4518-
aee4-5e1b8167d68e
SM_V9_5 iris    exon    19652686        19652814        .       +
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        .       Parent=Smp_330730.1;Name=940eed41-6aa0-45d0-
b021-324fd33aeb02
SM_V9_5 iris    exon    19652866        19653158        .       +
        .       Parent=Smp_330730.1;Name=452031c7-a046-4de1-
b7d2-11c963df4b11
SM_V9_5 iris    CDS     19645719        19645723        .       +
        0       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19645823        19645967        .       +
        1       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19646004        19646093        .       +
        0       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19646151        19646220        .       +
        0       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19646513        19646605        .       +
        2       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19647531        19647581        .       +
        2       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19648892        19648956        .       +
        2       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19649859        19649931        .       +
        0       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19650777        19650854        .       +
        2       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19651736        19651881        .       +
        2       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19652511        19652639        .       +
        0       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19652686        19652814        .       +
        0       Parent=Smp_330730.1
SM_V9_5 iris    CDS     19652866        19653018        .       +
        0       Parent=Smp_330730.1
SM_V9_5 iris    gene    19676607        19706529        .       +
        .
ID=Smp_334620;geneID=Smp_334620;gene_name=Smp_334620;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    19676607        19706529        .       +
        .
ID=Smp_334620.1;Parent=Smp_334620;geneID=Smp_334620;gene_name=Smp_33
4620;owner=irisadmin@local.host;orig_id=Smp_334620.1;date_last_modif
ied=2022-08-18;Name=Smp_334620.1;product=Beta-
taxilin;date_creation=2022-08-18
SM_V9_5 iris    exon    19676607        19677155        .       +
        .       Parent=Smp_334620.1;Name=d32a8482-936d-4660-a037-
fb763074ba75
SM_V9_5 iris    exon    19689154        19689264        .       +
        .       Parent=Smp_334620.1;Name=55e6216b-6fa9-4b46-
bb2f-1b3f80a87cba
SM_V9_5 iris    exon    19690257        19690463        .       +
        .       Parent=Smp_334620.1;Name=f8f22e25-d596-410c-
a7ec-70fac548cf51
SM_V9_5 iris    exon    19691884        19692066        .       +
        .
Parent=Smp_334620.1;Name=455a1d7f-7b24-431e-9dbc-50f9273769fa
SM_V9_5 iris    exon    19698630        19698722        .       +
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        .
Parent=Smp_334620.1;Name=9574abf5-8a1a-41a5-978d-3c6acceaa779
SM_V9_5 iris    exon    19702097        19702727        .       +
        .       Parent=Smp_334620.1;Name=ad006891-7d8b-41c3-99c7-
dccc978937d4
SM_V9_5 iris    exon    19705863        19706529        .       +
        .
Parent=Smp_334620.1;Name=e4597f49-70dd-48ee-8f5a-06cf918ac168
SM_V9_5 iris    CDS     19677129        19677155        .       +
        0       Parent=Smp_334620.1
SM_V9_5 iris    CDS     19689154        19689264        .       +
        0       Parent=Smp_334620.1
SM_V9_5 iris    CDS     19690257        19690463        .       +
        0       Parent=Smp_334620.1
SM_V9_5 iris    CDS     19691884        19692066        .       +
        0       Parent=Smp_334620.1
SM_V9_5 iris    CDS     19698630        19698722        .       +
        0       Parent=Smp_334620.1
SM_V9_5 iris    CDS     19702097        19702727        .       +
        0       Parent=Smp_334620.1
SM_V9_5 iris    CDS     19705863        19705990        .       +
        2       Parent=Smp_334620.1
SM_V9_5 iris    gene    19711686        19718493        .       +
        .
ID=Smp_349330;geneID=Smp_349330;gene_name=Smp_349330;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19711722        19718506        .       +
        .
ID=Smp_349330.1;Parent=Smp_349330;geneID=Smp_349330;gene_name=Smp_34
9330;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349330.1;date_creation=2022-07-17
SM_V9_5 iris    exon    19711722        19711749        .       +
        .       Parent=Smp_349330.1;Name=Smp_349330.1-CDS
SM_V9_5 iris    exon    19711849        19711993        .       +
        .       Parent=Smp_349330.1;Name=cfeb6c60-eae2-4e59-b745-
ddb33b242273
SM_V9_5 iris    exon    19712030        19712119        .       +
        .       Parent=Smp_349330.1;Name=4abec5dd-6f55-41ab-9946-
a4477d074ec0
SM_V9_5 iris    exon    19712177        19712246        .       +
        .       Parent=Smp_349330.1;Name=50a44442-
ed5c-4b1a-87a3-9fa1de4726b9
SM_V9_5 iris    exon    19712539        19712631        .       +
        .
Parent=Smp_349330.1;Name=39d56e57-58a2-4626-90ed-3d4d30707598
SM_V9_5 iris    exon    19713557        19713595        .       +
        .       Parent=Smp_349330.1;Name=066e38c7-a28c-4458-
aa32-4bf4bd808872
SM_V9_5 iris    exon    19714420        19714484        .       +
        .       Parent=Smp_349330.1;Name=108f0df9-6c71-486e-
bd7b-7db0cbad0965
SM_V9_5 iris    exon    19715387        19715459        .       +
        .       Parent=Smp_349330.1;Name=6a6bddf3-045b-4250-9e8d-
c794295d40af
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SM_V9_5 iris    exon    19716305        19716382        .       +
        .
Parent=Smp_349330.1;Name=e08b8e29-7240-4e1c-8c7c-5e18665700ce
SM_V9_5 iris    exon    19717265        19717410        .       +
        .       Parent=Smp_349330.1;Name=4791055c-522e-4a77-
b2ee-5cc2d6a7a736
SM_V9_5 iris    exon    19718040        19718168        .       +
        .       Parent=Smp_349330.1;Name=74317484-375d-410d-
abc3-58408f446564
SM_V9_5 iris    exon    19718220        19718506        .       +
        .       Parent=Smp_349330.1;Name=1a609240-
c398-48d0-8a6f-9f77af55d4f1
SM_V9_5 iris    CDS     19711745        19711749        .       +
        0       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19711849        19711993        .       +
        1       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19712030        19712119        .       +
        0       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19712177        19712246        .       +
        0       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19712539        19712631        .       +
        2       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19713557        19713595        .       +
        2       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19714420        19714484        .       +
        2       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19715387        19715459        .       +
        0       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19716305        19716382        .       +
        2       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19717265        19717410        .       +
        2       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19718040        19718168        .       +
        0       Parent=Smp_349330.1
SM_V9_5 iris    CDS     19718220        19718372        .       +
        0       Parent=Smp_349330.1
SM_V9_5 Liftoff gene    19728615        19742314        .       +
        .       ID=Smp_330740;geneID=Smp_330740
SM_V9_5 Liftoff mRNA    19728615        19742314        .       +
        .
ID=Smp_330740.1;Parent=Smp_330740;geneID=Smp_330740;product=Alpha-
taxilin;polypeptide_domain=InterPro:IPR026183
Pfam:PF09728;Ontology_term=GO:0019905
SM_V9_5 Liftoff exon    19728615        19728676        .       +
        .       Parent=Smp_330740.1
SM_V9_5 Liftoff exon    19729341        19729547        .       +
        .       Parent=Smp_330740.1
SM_V9_5 Liftoff exon    19730963        19731145        .       +
        .       Parent=Smp_330740.1
SM_V9_5 Liftoff exon    19736439        19736531        .       +
        .       Parent=Smp_330740.1
SM_V9_5 Liftoff exon    19740265        19740895        .       +
        .       Parent=Smp_330740.1
SM_V9_5 Liftoff exon    19741856        19742314        .       +
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        .       Parent=Smp_330740.1
SM_V9_5 Liftoff CDS     19728668        19728676        .       +
        0       Parent=Smp_330740.1
SM_V9_5 Liftoff CDS     19729341        19729547        .       +
        0       Parent=Smp_330740.1
SM_V9_5 Liftoff CDS     19730963        19731145        .       +
        0       Parent=Smp_330740.1
SM_V9_5 Liftoff CDS     19736439        19736531        .       +
        0       Parent=Smp_330740.1
SM_V9_5 Liftoff CDS     19740265        19740895        .       +
        0       Parent=Smp_330740.1
SM_V9_5 Liftoff CDS     19741856        19741929        .       +
        2       Parent=Smp_330740.1
SM_V9_5 Liftoff gene    19745305        19767471        .       +
        .
ID=Smp_210150;geneID=Smp_210150;previous_systematic_id=Smp_164620
SM_V9_5 Liftoff mRNA    19745305        19767471        .       +
        .
ID=Smp_210150.1;Parent=Smp_210150;geneID=Smp_210150;product=Src
substrate cortactin;polypeptide_domain=InterPro:IPR001452,IPR003134
Pfam:PF00018,PF02218;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    19745305        19747864        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19747926        19747999        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19749424        19749544        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19752786        19752896        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19756367        19756477        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19757947        19758115        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19759796        19760028        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19764506        19764796        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19765862        19765940        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff exon    19766788        19767471        .       +
        .       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19747811        19747864        .       +
        0       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19747926        19747999        .       +
        0       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19749424        19749544        .       +
        1       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19752786        19752896        .       +
        0       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19756367        19756477        .       +
        0       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19757947        19758115        .       +
        0       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19759796        19760028        .       +
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        2       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19764506        19764796        .       +
        0       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19765862        19765940        .       +
        0       Parent=Smp_210150.1
SM_V9_5 Liftoff CDS     19766788        19766921        .       +
        2       Parent=Smp_210150.1
SM_V9_5 Liftoff gene    19769446        19810921        .       -
        .
ID=Smp_314740;geneID=Smp_314740;previous_systematic_id=Smp_164630,Sm
p_164640
SM_V9_5 Liftoff mRNA    19769446        19810921        .       -
        .
ID=Smp_314740.1;Parent=Smp_314740;geneID=Smp_314740;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR015943;Ontology_term=GO:00055
15
SM_V9_5 Liftoff exon    19769446        19770431        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19773124        19773511        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19779018        19779266        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19784049        19784847        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19787447        19787955        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19790149        19790338        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19794700        19795183        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19800257        19800649        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19803961        19804044        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff exon    19808736        19810921        .       -
        .       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19769913        19770431        .       -
        0       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19773124        19773511        .       -
        1       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19779018        19779266        .       -
        1       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19784049        19784847        .       -
        2       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19787447        19787955        .       -
        1       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19790149        19790338        .       -
        2       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19794700        19795183        .       -
        0       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19800257        19800649        .       -
        0       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19803961        19804044        .       -
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        0       Parent=Smp_314740.1
SM_V9_5 Liftoff CDS     19808736        19810280        .       -
        0       Parent=Smp_314740.1
SM_V9_5 Liftoff gene    19813686        19888571        .       -
        .
ID=Smp_314750;geneID=Smp_314750;previous_systematic_id=Smp_164630,Sm
p_164640
SM_V9_5 Liftoff mRNA    19813686        19888571        .       -
        .
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navigator 3;polypeptide_domain=InterPro:IPR001715
Pfam:PF00307;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    19813686        19813844        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19815978        19816001        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19818680        19818729        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19820577        19821224        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19821821        19822239        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19824307        19825489        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19827829        19828618        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19831743        19832539        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19848201        19848877        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19862527        19863082        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19864816        19864888        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19865702        19865754        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19867750        19867867        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff exon    19887618        19888571        .       -
        .       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19813758        19813844        .       -
        0       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19815978        19816001        .       -
        0       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19818680        19818729        .       -
        2       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19820577        19821224        .       -
        2       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19821821        19822239        .       -
        1       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19824307        19825489        .       -
        2       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19827829        19828618        .       -
        0       Parent=Smp_314750.1
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SM_V9_5 Liftoff CDS     19831743        19832539        .       -
        2       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19848201        19848877        .       -
        1       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19862527        19863082        .       -
        2       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19864816        19864888        .       -
        0       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19865702        19865754        .       -
        2       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19867750        19867867        .       -
        0       Parent=Smp_314750.1
SM_V9_5 Liftoff CDS     19887618        19888316        .       -
        0       Parent=Smp_314750.1
SM_V9_5 Liftoff gene    19939131        19939416        .       -
        .       ID=Smp_330750;geneID=Smp_330750
SM_V9_5 Liftoff mRNA    19939131        19939416        .       -
        .
ID=Smp_330750.1;Parent=Smp_330750;geneID=Smp_330750;product=Protein
CLP1 homolog
SM_V9_5 Liftoff exon    19939131        19939416        .       -
        .       Parent=Smp_330750.1
SM_V9_5 Liftoff CDS     19939181        19939366        .       -
        0       Parent=Smp_330750.1
SM_V9_5 iris    gene    19939677        19946714        .       -
        .
ID=Smp_202850;geneID=Smp_202850;gene_name=Smp_202850;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-17
SM_V9_5 iris    mRNA    19939677        19946714        .       -
        .
ID=Smp_202850.1;Parent=Smp_202850;geneID=Smp_202850;gene_name=Smp_20
2850;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
mp_202850.1;product=Adhesin P1;date_creation=2022-07-17
SM_V9_5 iris    exon    19939677        19939956        .       -
        .       Parent=Smp_202850.1;Name=Smp_202850.1-CDS
SM_V9_5 iris    exon    19940008        19940136        .       -
        .       Parent=Smp_202850.1;Name=c431dba3-1306-4896-b804-
d7b8d1a7f4f4
SM_V9_5 iris    exon    19940183        19940311        .       -
        .       Parent=Smp_202850.1;Name=b358505d-0fe3-4cab-
bb63-22d45846b41f
SM_V9_5 iris    exon    19940941        19941086        .       -
        .       Parent=Smp_202850.1;Name=b4ede513-
aeb4-47b3-97a9-827106b2cc80
SM_V9_5 iris    exon    19941969        19942046        .       -
        .       Parent=Smp_202850.1;Name=ffea7b37-7ff1-46f5-
aa84-7d9eced9676b
SM_V9_5 iris    exon    19942869        19942941        .       -
        .       Parent=Smp_202850.1;Name=88121d45-
e177-4c5d-8c2f-8ef70797d9ff
SM_V9_5 iris    exon    19943840        19943908        .       -
        .       Parent=Smp_202850.1;Name=40f52cc9-2488-4efe-9720-
c2b311b8bc15
SM_V9_5 iris    exon    19945693        19945789        .       -
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        .       Parent=Smp_202850.1;Name=5ca5765f-908d-4d2e-bab8-
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SM_V9_5 iris    exon    19946082        19946151        .       -
        .       Parent=Smp_202850.1;Name=3339a84e-
f5a9-43cb-8f1c-2fe5fbfc6f29
SM_V9_5 iris    exon    19946209        19946714        .       -
        .       Parent=Smp_202850.1;Name=2e61bca7-8cd3-4efe-
aeb4-320fe05706e7
SM_V9_5 iris    CDS     19939804        19939956        .       -
        0       Parent=Smp_202850.1
SM_V9_5 iris    CDS     19940008        19940136        .       -
        0       Parent=Smp_202850.1
SM_V9_5 iris    CDS     19940183        19940311        .       -
        0       Parent=Smp_202850.1
SM_V9_5 iris    CDS     19940941        19941003        .       -
        0       Parent=Smp_202850.1
SM_V9_5 Liftoff gene    19950172        19955043        .       -
        .       ID=Smp_317210;geneID=Smp_317210
SM_V9_5 Liftoff mRNA    19950172        19955043        .       -
        .
ID=Smp_317210.1;Parent=Smp_317210;geneID=Smp_317210;product=Hypothet
ical protein
SM_V9_5 Liftoff exon    19950172        19955043        .       -
        .       Parent=Smp_317210.1
SM_V9_5 Liftoff CDS     19951165        19951569        .       -
        0       Parent=Smp_317210.1
SM_V9_5 iris    gene    19958860        19959508        .       +
        .
ID=Smp_040130;geneID=Smp_040130;gene_name=Smp_040130;owner=irisadmin
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SM_V9_5 iris    mRNA    19958860        19959508        .       +
        .
ID=Smp_040130.1;Parent=Smp_040130;geneID=Smp_040130;gene_name=Smp_04
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ied=2022-08-15;Name=Smp_040130.1;product=cyclophilin (peptidyl-
prolyl cis-trans isomerase);date_creation=2022-08-15
SM_V9_5 iris    exon    19958860        19958981        .       +
        .       Parent=Smp_040130.1;Name=5f22562b-
c8cf-4f1c-9919-61c8c2fbb08d
SM_V9_5 iris    exon    19959017        19959508        .       +
        .       Parent=Smp_040130.1;Name=13fb1d3f-1892-4485-
b69d-14c8034728f4
SM_V9_5 iris    CDS     19958916        19958981        .       +
        0       Parent=Smp_040130.1
SM_V9_5 iris    CDS     19959017        19959436        .       +
        0       Parent=Smp_040130.1
SM_V9_5 Liftoff gene    19995115        20031759        .       +
        .       ID=Smp_144030;geneID=Smp_144030
SM_V9_5 Liftoff mRNA    19995115        20031759        .       +
        .
ID=Smp_144030.1;Parent=Smp_144030;geneID=Smp_144030;product=phosphat
idate
cytidylyltransferase;polypeptide_domain=InterPro:IPR000374,IPR016720
Pfam:PF01148;Ontology_term=GO:0004605,GO:0016020,GO:0016772
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SM_V9_5 Liftoff exon    19995115        19996530        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff exon    19998123        19998452        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff exon    20009614        20009790        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff exon    20012152        20012271        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff exon    20015609        20015691        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff exon    20021081        20021372        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff exon    20027186        20027424        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff exon    20030358        20031759        .       +
        .       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     19996495        19996530        .       +
        0       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     19998123        19998452        .       +
        0       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     20009614        20009790        .       +
        0       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     20012152        20012271        .       +
        0       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     20015609        20015691        .       +
        0       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     20021081        20021372        .       +
        1       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     20027186        20027424        .       +
        0       Parent=Smp_144030.1
SM_V9_5 Liftoff CDS     20030358        20030601        .       +
        1       Parent=Smp_144030.1
SM_V9_5 iris    gene    20033528        20049545        .       -
        .
ID=Smp_330760;geneID=Smp_330760;gene_name=Smp_330760;owner=irisadmin
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SM_V9_5 iris    mRNA    20033528        20049545        .       -
        .
ID=Smp_330760.1;Parent=Smp_330760;geneID=Smp_330760;gene_name=Smp_33
0760;owner=irisadmin@local.host;orig_id=Smp_330760.1;date_last_modif
ied=2022-08-15;Name=Smp_330760.1;product=IQ domain-containing
protein K;date_creation=2022-08-15
SM_V9_5 iris    exon    20033528        20033785        .       -
        .       Parent=Smp_330760.1;Name=5dafd785-4338-4ff7-88d1-
c246b2945229
SM_V9_5 iris    exon    20042512        20042736        .       -
        .       Parent=Smp_330760.1;Name=813ecab0-
e6c6-4591-9cbf-3713997c4f0a
SM_V9_5 iris    exon    20048263        20048360        .       -
        .       Parent=Smp_330760.1;Name=dda7a8da-0b13-4fb6-
bb44-333c1bbc800f
SM_V9_5 iris    exon    20049322        20049545        .       -
        .       Parent=Smp_330760.1;Name=da75e3fc-99af-46c5-
a0cb-3429df4500f3
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SM_V9_5 iris    CDS     20033696        20033785        .       -
        0       Parent=Smp_330760.1
SM_V9_5 iris    CDS     20042512        20042736        .       -
        0       Parent=Smp_330760.1
SM_V9_5 iris    CDS     20048263        20048307        .       -
        0       Parent=Smp_330760.1
SM_V9_5 iris    gene    20057014        20069995        .       -
        .
ID=Smp_040110;geneID=Smp_040110;gene_name=Smp_040110;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20057014        20069995        .       -
        .
ID=Smp_040110.1;Parent=Smp_040110;geneID=Smp_040110;gene_name=Smp_04
0110;owner=irisadmin@local.host;orig_id=Smp_040110.1;date_last_modif
ied=2022-07-17;Name=Smp_040110.1;product=Cadherin-related tumor
suppressor;date_creation=2022-07-17
SM_V9_5 iris    exon    20057014        20057644        .       -
        .       Parent=Smp_040110.1;Name=396ba0ad-06ad-44ff-9a6d-
aefad700ec99
SM_V9_5 iris    exon    20060797        20061055        .       -
        .       Parent=Smp_040110.1;Name=f9edabc2-3c87-477a-9bf5-
ecc434bbd5b1
SM_V9_5 iris    exon    20063380        20063645        .       -
        .
Parent=Smp_040110.1;Name=b4dc8ee0-0d43-46bd-978a-6443061a2e05
SM_V9_5 iris    exon    20064331        20064439        .       -
        .
Parent=Smp_040110.1;Name=c9e6aeb4-2137-4694-8cea-7030245db576
SM_V9_5 iris    exon    20065059        20065303        .       -
        .       Parent=Smp_040110.1;Name=b0639a41-2140-4d40-
b9a4-11baff9cc33f
SM_V9_5 iris    exon    20068840        20069032        .       -
        .       Parent=Smp_040110.1;Name=1f604f8f-120a-431f-8570-
b6e1fdf0be25
SM_V9_5 iris    exon    20069674        20069995        .       -
        .       Parent=Smp_040110.1;Name=ad272e9c-ab73-4438-b84b-
ea04d6db320c
SM_V9_5 iris    CDS     20057342        20057644        .       -
        0       Parent=Smp_040110.1
SM_V9_5 iris    CDS     20060797        20061055        .       -
        1       Parent=Smp_040110.1
SM_V9_5 iris    CDS     20063380        20063645        .       -
        0       Parent=Smp_040110.1
SM_V9_5 iris    CDS     20064331        20064439        .       -
        1       Parent=Smp_040110.1
SM_V9_5 iris    CDS     20065059        20065303        .       -
        0       Parent=Smp_040110.1
SM_V9_5 iris    CDS     20068840        20069032        .       -
        1       Parent=Smp_040110.1
SM_V9_5 iris    CDS     20069674        20069735        .       -
        0       Parent=Smp_040110.1
SM_V9_5 iris    gene    20083478        20083873        .       +
        .
ID=Smp_349980;geneID=Smp_349980;gene_name=Smp_349980;owner=irisadmin
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        .
ID=Smp_349980.1;Parent=Smp_349980;geneID=Smp_349980;gene_name=Smp_34
9980;owner=irisadmin@local.host;orig_id=Smp_040100.1;date_last_modif
ied=2022-08-18;Name=Smp_349980.1;date_creation=2022-08-18
SM_V9_5 iris    exon    20083478        20083684        .       +
        .       Parent=Smp_349980.1;Name=c94d6d40-e52b-49df-
b954-0b4a1a148e35
SM_V9_5 iris    exon    20083722        20083873        .       +
        .       Parent=Smp_349980.1;Name=a5be303e-d3cc-4e7b-
b44f-373d3b643527
SM_V9_5 iris    CDS     20083558        20083684        .       +
        0       Parent=Smp_349980.1
SM_V9_5 iris    CDS     20083722        20083729        .       +
        2       Parent=Smp_349980.1
SM_V9_5 iris    gene    20083967        20098573        .       +
        .
ID=Smp_040100;geneID=Smp_040100;gene_name=Smp_040100;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    20083967        20098573        .       +
        .
ID=Smp_040100.1;Parent=Smp_040100;geneID=Smp_040100;gene_name=Smp_04
0100;owner=irisadmin@local.host;orig_id=Smp_040100.1;date_last_modif
ied=2022-08-18;Name=Smp_040100.1;product=Angio-associated migratory
cell protein;date_creation=2022-08-18
SM_V9_5 iris    exon    20083967        20084082        .       +
        .
Parent=Smp_040100.1;Name=3881a199-3554-4f6a-942c-535bc8a80aad
SM_V9_5 iris    exon    20085650        20085739        .       +
        .       Parent=Smp_040100.1;Name=Smp_040100.1-CDS
SM_V9_5 iris    exon    20088340        20088456        .       +
        .
Parent=Smp_040100.1;Name=2de2ce7a-4242-4812-8ff4-6ed9d738e652
SM_V9_5 iris    exon    20090579        20090911        .       +
        .       Parent=Smp_040100.1;Name=5c1549ce-96b6-4daf-
aa4b-17a15efcb647
SM_V9_5 iris    exon    20092009        20092334        .       +
        .       Parent=Smp_040100.1;Name=25f66976-70be-4775-9547-
b1ce6f3b07f9
SM_V9_5 iris    exon    20094716        20094777        .       +
        .       Parent=Smp_040100.1;Name=5be70963-e5ca-465c-
af3e-2287f1c13d25
SM_V9_5 iris    exon    20096246        20096351        .       +
        .       Parent=Smp_040100.1;Name=e5208589-f766-4c6a-9213-
a82591c5cb64
SM_V9_5 iris    exon    20098152        20098573        .       +
        .       Parent=Smp_040100.1;Name=8c254265-291f-42d1-80c6-
e0b96fc6e91d
SM_V9_5 iris    CDS     20085673        20085739        .       +
        0       Parent=Smp_040100.1
SM_V9_5 iris    CDS     20088340        20088456        .       +
        2       Parent=Smp_040100.1
SM_V9_5 iris    CDS     20090579        20090911        .       +
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        2       Parent=Smp_040100.1
SM_V9_5 iris    CDS     20092009        20092334        .       +
        2       Parent=Smp_040100.1
SM_V9_5 iris    CDS     20094716        20094777        .       +
        0       Parent=Smp_040100.1
SM_V9_5 iris    CDS     20096246        20096351        .       +
        1       Parent=Smp_040100.1
SM_V9_5 iris    CDS     20098152        20098496        .       +
        0       Parent=Smp_040100.1
SM_V9_5 iris    gene    20101869        20198211        .       -
        .
ID=Smp_144020;geneID=Smp_144020;gene_name=Smp_144020;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20101869        20198211        .       -
        .
ID=Smp_144020.1;Parent=Smp_144020;geneID=Smp_144020;gene_name=Smp_14
4020;owner=irisadmin@local.host;orig_id=Smp_144020.1;date_last_modif
ied=2022-08-18;Name=Smp_144020.1;product=Glutamine-rich protein
2;date_creation=2022-07-17
SM_V9_5 iris    exon    20101869        20102488        .       -
        .       Parent=Smp_144020.1;Name=14128207-5039-4a79-88d6-
f3c635b6a8f5
SM_V9_5 iris    exon    20104459        20104665        .       -
        .       Parent=Smp_144020.1;Name=e4b9212b-1ba8-46b8-a05c-
f781a3b65541
SM_V9_5 iris    exon    20107375        20107651        .       -
        .       Parent=Smp_144020.1;Name=e97ecacf-afb7-42f0-9e83-
d76bd1078b73
SM_V9_5 iris    exon    20112369        20112570        .       -
        .
Parent=Smp_144020.1;Name=0e996151-5922-4e10-9d28-41d19a3fc448
SM_V9_5 iris    exon    20114093        20114146        .       -
        .       Parent=Smp_144020.1;Name=db936c12-b43c-4d7c-
bd0d-734ca8ce171b
SM_V9_5 iris    exon    20118068        20118178        .       -
        .       Parent=Smp_144020.1;Name=128b3eb0-8e0c-416c-
b10f-01d8e0e35fa9
SM_V9_5 iris    exon    20123586        20123627        .       -
        .       Parent=Smp_144020.1;Name=ac74f616-5f50-4ea8-
af96-37b4c2593436
SM_V9_5 iris    exon    20129445        20129549        .       -
        .       Parent=Smp_144020.1;Name=1bdcfbe1-eb9b-4b30-b278-
ba5713c79acb
SM_V9_5 iris    exon    20133450        20133706        .       -
        .       Parent=Smp_144020.1;Name=be99445d-cdf1-4010-
bfbe-414a5fc297d9
SM_V9_5 iris    exon    20135663        20135773        .       -
        .       Parent=Smp_144020.1;Name=2caf8508-
a0f3-48cc-8435-3af844056e68
SM_V9_5 iris    exon    20157552        20157626        .       -
        .       Parent=Smp_144020.1;Name=0429810a-
ff51-4fa7-996b-871ac4c79484
SM_V9_5 iris    exon    20159496        20159618        .       -
        .       Parent=Smp_144020.1;Name=5b848fc7-
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e2b1-43e5-8199-4a18980cac08
SM_V9_5 iris    exon    20162244        20162291        .       -
        .       Parent=Smp_144020.1;Name=6be3dca7-57cc-47ac-bc0a-
fd19919d170c
SM_V9_5 iris    exon    20164952        20165074        .       -
        .
Parent=Smp_144020.1;Name=8b42efcb-6546-4d0c-9e66-2d0c4e257652
SM_V9_5 iris    exon    20170944        20171042        .       -
        .
Parent=Smp_144020.1;Name=7d87d283-2383-4820-83e9-576a47477aa9
SM_V9_5 iris    exon    20173115        20173339        .       -
        .       Parent=Smp_144020.1;Name=cf8de793-e789-44b7-
a739-4f234ecc1c6a
SM_V9_5 iris    exon    20177708        20177782        .       -
        .
Parent=Smp_144020.1;Name=13e066c9-31c4-4524-8bb5-81762ceee1e6
SM_V9_5 iris    exon    20185732        20185815        .       -
        .       Parent=Smp_144020.1;Name=8d94325e-59d8-4cf7-9ea0-
afaf8ccd1bad
SM_V9_5 iris    exon    20188257        20188469        .       -
        .
Parent=Smp_144020.1;Name=8b4b8dad-2807-4d25-9592-2b858b8203dc
SM_V9_5 iris    exon    20197813        20197986        .       -
        .       Parent=Smp_144020.1;Name=63add2ae-6386-4d1c-
a41f-4252ee46a6ae
SM_V9_5 iris    exon    20198023        20198211        .       -
        .       Parent=Smp_144020.1;Name=d70dfae1-e0db-4fc3-
b61f-6852a8cf810b
SM_V9_5 iris    CDS     20102475        20102488        .       -
        2       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20104459        20104665        .       -
        2       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20107375        20107651        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20112369        20112570        .       -
        1       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20114093        20114146        .       -
        1       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20118068        20118178        .       -
        1       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20123586        20123627        .       -
        1       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20129445        20129549        .       -
        1       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20133450        20133706        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20135663        20135773        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20157552        20157626        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20159496        20159618        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20162244        20162291        .       -
        0       Parent=Smp_144020.1
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SM_V9_5 iris    CDS     20164952        20165074        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20170944        20171042        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20173115        20173339        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20177708        20177782        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20185732        20185815        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20188257        20188469        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20197813        20197986        .       -
        0       Parent=Smp_144020.1
SM_V9_5 iris    CDS     20198023        20198097        .       -
        0       Parent=Smp_144020.1
SM_V9_5 Liftoff gene    20140388        20154736        .       +
        .
ID=Smp_346800;geneID=Smp_346800;previous_systematic_id=Smp_191730
SM_V9_5 Liftoff mRNA    20140388        20154736        .       +
        .
ID=Smp_346800.1;Parent=Smp_346800;geneID=Smp_346800;product=FMRFamid
e-activated amiloride-sensitive sodium
channel;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_5 Liftoff exon    20140388        20141483        .       +
        .       Parent=Smp_346800.1
SM_V9_5 Liftoff exon    20153516        20154736        .       +
        .       Parent=Smp_346800.1
SM_V9_5 Liftoff CDS     20140767        20141483        .       +
        0       Parent=Smp_346800.1
SM_V9_5 Liftoff CDS     20153516        20154634        .       +
        0       Parent=Smp_346800.1
SM_V9_5 iris    gene    20207553        20234305        .       +
        .
ID=Smp_040080;geneID=Smp_040080;gene_name=Smp_040080;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_5 iris    mRNA    20207553        20223839        .       +
        .
ID=Smp_040080.2;Parent=Smp_040080;geneID=Smp_040080;gene_name=Smp_04
0080;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
mp_040080.2;product=Glycosylated lysosomal membrane protein
B;date_creation=2022-08-15
SM_V9_5 iris    exon    20207553        20207617        .       +
        .       Parent=Smp_040080.2;Name=c8da3554-68ec-427a-8bbb-
afd9e2db3bc6
SM_V9_5 iris    exon    20208759        20208836        .       +
        .       Parent=Smp_040080.2;Name=62ee0d90-1cdc-4acd-af9c-
b1300964ebbe
SM_V9_5 iris    exon    20208874        20208941        .       +
        .       Parent=Smp_040080.2;Name=ed5d6d85-bf26-4e2d-a33b-
bf17c451fc04
SM_V9_5 iris    exon    20208983        20209249        .       +
        .       Parent=Smp_040080.2;Name=a406aff2-301b-4e9b-802b-
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b90a8c8be093
SM_V9_5 iris    exon    20211073        20211285        .       +
        .
Parent=Smp_040080.2;Name=72ad9bc7-8d9c-4f9e-81c8-57e11cb8a985
SM_V9_5 iris    exon    20212693        20212926        .       +
        .
Parent=Smp_040080.2;Name=12c01161-2afc-45df-95df-25da37c0b63b
SM_V9_5 iris    exon    20214825        20215207        .       +
        .       Parent=Smp_040080.2;Name=a039e973-554c-46ad-
b563-31de03ac8b57
SM_V9_5 iris    exon    20223379        20223839        .       +
        .       Parent=Smp_040080.2;Name=16283b22-71f2-42e0-
b843-3e5990e78584
SM_V9_5 iris    CDS     20208876        20208941        .       +
        0       Parent=Smp_040080.2
SM_V9_5 iris    CDS     20208983        20209249        .       +
        0       Parent=Smp_040080.2
SM_V9_5 iris    CDS     20211073        20211285        .       +
        0       Parent=Smp_040080.2
SM_V9_5 iris    CDS     20212693        20212926        .       +
        0       Parent=Smp_040080.2
SM_V9_5 iris    CDS     20214825        20215207        .       +
        0       Parent=Smp_040080.2
SM_V9_5 iris    CDS     20223379        20223583        .       +
        1       Parent=Smp_040080.2
SM_V9_5 iris    mRNA    20207553        20234305        .       +
        .
ID=Smp_040080.1;Parent=Smp_040080;geneID=Smp_040080;gene_name=Smp_04
0080;owner=irisadmin@local.host;orig_id=Smp_040080.1;date_last_modif
ied=2022-08-15;Name=Smp_040080.1;product=Glycosylated lysosomal
membrane protein B;date_creation=2022-08-15
SM_V9_5 iris    exon    20207553        20207617        .       +
        .
Parent=Smp_040080.1;Name=caff2db2-4b0c-4c8f-96de-726303abeba5
SM_V9_5 iris    exon    20208759        20208836        .       +
        .       Parent=Smp_040080.1;Name=02b5b39e-60c4-4faa-
a693-1ba41b91dfdf
SM_V9_5 iris    exon    20208874        20208941        .       +
        .       Parent=Smp_040080.1;Name=450a0924-89f5-4384-
a18f-3397881d9652
SM_V9_5 iris    exon    20208983        20209249        .       +
        .       Parent=Smp_040080.1;Name=e71ff9e7-54a8-4f41-
b259-06fd7f43cf49
SM_V9_5 iris    exon    20211073        20211285        .       +
        .       Parent=Smp_040080.1;Name=ffe3ffba-a20e-4049-96e5-
bf78c87ec271
SM_V9_5 iris    exon    20212693        20212926        .       +
        .       Parent=Smp_040080.1;Name=e2d3bcf2-d9fa-4ad1-
a375-1e462a87e694
SM_V9_5 iris    exon    20214825        20215207        .       +
        .       Parent=Smp_040080.1;Name=24d66219-344e-440f-
a39a-00053f6da5b9
SM_V9_5 iris    exon    20233846        20234305        .       +
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Parent=Smp_040080.1;Name=0cc9fced-1cfd-4709-8e6c-52244901c241
SM_V9_5 iris    CDS     20208876        20208941        .       +
        0       Parent=Smp_040080.1
SM_V9_5 iris    CDS     20208983        20209249        .       +
        0       Parent=Smp_040080.1
SM_V9_5 iris    CDS     20211073        20211285        .       +
        0       Parent=Smp_040080.1
SM_V9_5 iris    CDS     20212693        20212926        .       +
        0       Parent=Smp_040080.1
SM_V9_5 iris    CDS     20214825        20215207        .       +
        0       Parent=Smp_040080.1
SM_V9_5 iris    CDS     20233846        20234050        .       +
        1       Parent=Smp_040080.1
SM_V9_5 Liftoff gene    20227779        20228384        .       -
        .       ID=Smp_144010;geneID=Smp_144010
SM_V9_5 Liftoff mRNA    20227779        20228384        .       -
        .
ID=Smp_144010.1;Parent=Smp_144010;geneID=Smp_144010;product=Cytochro
me c oxidase subunit 6B;polypeptide_domain=InterPro:IPR003213
Pfam:PF02297;Ontology_term=GO:0005739
SM_V9_5 Liftoff exon    20227779        20227985        .       -
        .       Parent=Smp_144010.1
SM_V9_5 Liftoff exon    20228025        20228139        .       -
        .       Parent=Smp_144010.1
SM_V9_5 Liftoff exon    20228177        20228241        .       -
        .       Parent=Smp_144010.1
SM_V9_5 Liftoff exon    20228276        20228384        .       -
        .       Parent=Smp_144010.1
SM_V9_5 Liftoff CDS     20227932        20227985        .       -
        0       Parent=Smp_144010.1
SM_V9_5 Liftoff CDS     20228025        20228139        .       -
        1       Parent=Smp_144010.1
SM_V9_5 Liftoff CDS     20228177        20228241        .       -
        0       Parent=Smp_144010.1
SM_V9_5 Liftoff CDS     20228276        20228326        .       -
        0       Parent=Smp_144010.1
SM_V9_5 Liftoff gene    20238220        20238834        .       -
        .       ID=Smp_144000;geneID=Smp_144000
SM_V9_5 Liftoff mRNA    20238220        20238834        .       -
        .
ID=Smp_144000.1;Parent=Smp_144000;geneID=Smp_144000;product=Cytochro
me c oxidase subunit 6B;polypeptide_domain=InterPro:IPR003213
Pfam:PF02297;Ontology_term=GO:0005739
SM_V9_5 Liftoff exon    20238220        20238463        .       -
        .       Parent=Smp_144000.1
SM_V9_5 Liftoff exon    20238503        20238617        .       -
        .       Parent=Smp_144000.1
SM_V9_5 Liftoff exon    20238655        20238719        .       -
        .       Parent=Smp_144000.1
SM_V9_5 Liftoff exon    20238754        20238834        .       -
        .       Parent=Smp_144000.1
SM_V9_5 Liftoff CDS     20238410        20238463        .       -
        0       Parent=Smp_144000.1
SM_V9_5 Liftoff CDS     20238503        20238617        .       -
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        1       Parent=Smp_144000.1
SM_V9_5 Liftoff CDS     20238655        20238719        .       -
        0       Parent=Smp_144000.1
SM_V9_5 Liftoff CDS     20238754        20238804        .       -
        0       Parent=Smp_144000.1
SM_V9_5 iris    gene    20251694        20260645        .       +
        .
ID=Smp_349340;geneID=Smp_349340;gene_name=Smp_349340;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20251694        20260645        .       +
        .
ID=Smp_349340.1;Parent=Smp_349340;geneID=Smp_349340;gene_name=Smp_34
9340;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349340.1;date_creation=2022-07-17
SM_V9_5 iris    exon    20251694        20251722        .       +
        .       Parent=Smp_349340.1;Name=Smp_349340.1-CDS
SM_V9_5 iris    exon    20251822        20251966        .       +
        .       Parent=Smp_349340.1;Name=093f07a8-93ee-46b1-8a9f-
a2b7433703b8
SM_V9_5 iris    exon    20252003        20252092        .       +
        .
Parent=Smp_349340.1;Name=97e7ac97-4d13-4cd3-937d-6177c3811c12
SM_V9_5 iris    exon    20252142        20252211        .       +
        .
Parent=Smp_349340.1;Name=38bca7d5-0050-4fd0-9013-47b0800e3a15
SM_V9_5 iris    exon    20252967        20253074        .       +
        .       Parent=Smp_349340.1;Name=b49bc096-a994-44b0-
a375-47b778884893
SM_V9_5 iris    exon    20254364        20254414        .       +
        .       Parent=Smp_349340.1;Name=96c667fd-07f5-49b2-
a493-90203d4dbcd1
SM_V9_5 iris    exon    20255325        20255389        .       +
        .       Parent=Smp_349340.1;Name=4dfed366-504b-4210-853d-
e73dae876b4f
SM_V9_5 iris    exon    20256016        20256088        .       +
        .       Parent=Smp_349340.1;Name=89a1e0d0-0176-4b0d-b352-
b79ceb5eaa6f
SM_V9_5 iris    exon    20256842        20256919        .       +
        .
Parent=Smp_349340.1;Name=bf8eb19c-8616-4a1c-8638-9f0851db9a7f
SM_V9_5 iris    exon    20258208        20258341        .       +
        .
Parent=Smp_349340.1;Name=795200b2-4e5e-44b5-844c-12b6082aaa35
SM_V9_5 iris    exon    20259118        20259246        .       +
        .
Parent=Smp_349340.1;Name=ce6ec78d-44f3-4890-8f22-02e92a92e152
SM_V9_5 iris    exon    20260121        20260249        .       +
        .       Parent=Smp_349340.1;Name=7e49775e-f889-4b6f-9b6d-
a6e83cadff76
SM_V9_5 iris    exon    20260299        20260645        .       +
        .
Parent=Smp_349340.1;Name=9e87a1e9-417b-4451-837b-36ac5a21fc9e
SM_V9_5 iris    CDS     20251718        20251722        .       +
        0       Parent=Smp_349340.1
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SM_V9_5 iris    CDS     20251822        20251966        .       +
        1       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20252003        20252092        .       +
        0       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20252142        20252211        .       +
        0       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20252967        20253074        .       +
        2       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20254364        20254414        .       +
        2       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20255325        20255389        .       +
        2       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20256016        20256088        .       +
        0       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20256842        20256919        .       +
        2       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20258208        20258341        .       +
        2       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20259118        20259246        .       +
        0       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20260121        20260249        .       +
        0       Parent=Smp_349340.1
SM_V9_5 iris    CDS     20260299        20260484        .       +
        0       Parent=Smp_349340.1
SM_V9_5 iris    gene    20286249        20330252        .       -
        .
ID=Smp_143980;geneID=Smp_143980;gene_name=Smp_143980;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20286249        20330252        .       -
        .
ID=Smp_143980.1;Parent=Smp_143980;geneID=Smp_143980;gene_name=Smp_14
3980;owner=irisadmin@local.host;orig_id=Smp_143980.1;date_last_modif
ied=2022-07-17;Name=Smp_143980.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    20286249        20289763        .       -
        .
Parent=Smp_143980.1;Name=b41882a1-5841-42ad-8bc5-202d4f4d6b6f
SM_V9_5 iris    exon    20291326        20291675        .       -
        .
Parent=Smp_143980.1;Name=9c439ad2-18b5-4795-8475-559aae09bcb4
SM_V9_5 iris    exon    20292514        20293077        .       -
        .       Parent=Smp_143980.1;Name=8bf602fb-6f31-4312-
bab5-3ed162ce6354
SM_V9_5 iris    exon    20294471        20295064        .       -
        .       Parent=Smp_143980.1;Name=4e81416c-
f442-4ce0-8db2-82bb9cf61405
SM_V9_5 iris    exon    20296019        20297691        .       -
        .       Parent=Smp_143980.1;Name=fb2d4094-cafc-40b4-
a859-349f59d001f3
SM_V9_5 iris    exon    20299314        20299389        .       -
        .       Parent=Smp_143980.1;Name=bcdd3619-95f4-493b-
aec1-3895ac062fac
SM_V9_5 iris    exon    20306036        20306263        .       -
        .       Parent=Smp_143980.1;Name=c139a217-7922-4acd-
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a4ca-72bd745bb1bd
SM_V9_5 iris    exon    20312463        20312792        .       -
        .       Parent=Smp_143980.1;Name=7e3ea015-
d2a9-4509-9ac6-798355bf43cd
SM_V9_5 iris    exon    20315319        20315819        .       -
        .       Parent=Smp_143980.1;Name=098ac7c1-9f37-42a8-8901-
a650d9ed284f
SM_V9_5 iris    exon    20320735        20321085        .       -
        .       Parent=Smp_143980.1;Name=76912fa5-98f5-4d88-
a55c-7004806d7408
SM_V9_5 iris    exon    20329755        20330084        .       -
        .       Parent=Smp_143980.1;Name=61fb140e-c3e2-4423-acf7-
f0487b5e2f44
SM_V9_5 iris    exon    20330127        20330252        .       -
        .       Parent=Smp_143980.1;Name=d9060974-73f1-4cc4-9c80-
f8b55d40f23b
SM_V9_5 iris    CDS     20289581        20289763        .       -
        0       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20291326        20291675        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20292514        20293077        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20294471        20295064        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20296019        20297691        .       -
        1       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20299314        20299389        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20306036        20306263        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20312463        20312792        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20315319        20315819        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20320735        20321085        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20329755        20330084        .       -
        2       Parent=Smp_143980.1
SM_V9_5 iris    CDS     20330127        20330193        .       -
        0       Parent=Smp_143980.1
SM_V9_5 iris    gene    20334786        20344749        .       -
        .
ID=Smp_349350;geneID=Smp_349350;gene_name=Smp_349350;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20334786        20344749        .       -
        .
ID=Smp_349350.1;Parent=Smp_349350;geneID=Smp_349350;gene_name=Smp_34
9350;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349350.1;date_creation=2022-07-17
SM_V9_5 iris    exon    20334786        20335140        .       -
        .       Parent=Smp_349350.1;Name=c518070b-8ccc-47b5-88fc-
e752d5185a9b
SM_V9_5 iris    exon    20335188        20335479        .       -
        .       Parent=Smp_349350.1;Name=Smp_349350.1-CDS
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SM_V9_5 iris    exon    20339667        20339816        .       -
        .
Parent=Smp_349350.1;Name=94c4e99f-34a1-46dc-92f4-4a095c34337d
SM_V9_5 iris    exon    20341991        20342072        .       -
        .
Parent=Smp_349350.1;Name=35c1b715-8369-4bc9-9bec-19ed138af60b
SM_V9_5 iris    exon    20342930        20342993        .       -
        .       Parent=Smp_349350.1;Name=b4f907b0-65a0-4c0e-9617-
fe4972b1040a
SM_V9_5 iris    exon    20344529        20344749        .       -
        .       Parent=Smp_349350.1;Name=861c3237-52e3-41f7-b98e-
bcb5b0376327
SM_V9_5 iris    CDS     20335475        20335479        .       -
        2       Parent=Smp_349350.1
SM_V9_5 iris    CDS     20339667        20339816        .       -
        2       Parent=Smp_349350.1
SM_V9_5 iris    CDS     20341991        20342072        .       -
        0       Parent=Smp_349350.1
SM_V9_5 iris    CDS     20342930        20342971        .       -
        0       Parent=Smp_349350.1
SM_V9_5 Liftoff gene    20399788        20407019        .       +
        .       ID=Smp_143970;geneID=Smp_143970
SM_V9_5 Liftoff mRNA    20399788        20407019        .       +
        .
ID=Smp_143970.1;Parent=Smp_143970;geneID=Smp_143970;product=Kelch-
like protein
10;polypeptide_domain=InterPro:IPR006652,IPR011333,IPR011705,IPR0159
15 Pfam:PF01344,PF07707;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    20399788        20400728        .       +
        .       Parent=Smp_143970.1
SM_V9_5 Liftoff exon    20402656        20403122        .       +
        .       Parent=Smp_143970.1
SM_V9_5 Liftoff exon    20403579        20404033        .       +
        .       Parent=Smp_143970.1
SM_V9_5 Liftoff exon    20404085        20404150        .       +
        .       Parent=Smp_143970.1
SM_V9_5 Liftoff exon    20404187        20404276        .       +
        .       Parent=Smp_143970.1
SM_V9_5 Liftoff exon    20406683        20407019        .       +
        .       Parent=Smp_143970.1
SM_V9_5 Liftoff CDS     20399817        20400728        .       +
        0       Parent=Smp_143970.1
SM_V9_5 Liftoff CDS     20402656        20403122        .       +
        0       Parent=Smp_143970.1
SM_V9_5 Liftoff CDS     20403579        20404033        .       +
        1       Parent=Smp_143970.1
SM_V9_5 Liftoff CDS     20404085        20404150        .       +
        2       Parent=Smp_143970.1
SM_V9_5 Liftoff CDS     20404187        20404276        .       +
        2       Parent=Smp_143970.1
SM_V9_5 Liftoff CDS     20406683        20406747        .       +
        2       Parent=Smp_143970.1
SM_V9_5 iris    gene    20418683        20428816        .       -
        .
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ID=Smp_040020;geneID=Smp_040020;gene_name=Smp_040020;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    20418683        20428816        .       -
       .
ID=Smp_040020.1;Parent=Smp_040020;geneID=Smp_040020;gene_name=Smp_04
0020;owner=irisadmin@local.host;orig_id=Smp_040020.1;date_last_modif
ied=2022-08-30;Name=Smp_040020.1;product=Histone H3-like centromeric
protein CSE4;date_creation=2022-08-30
SM_V9_5 iris    exon    20418683        20419417        .       -
       .       Parent=Smp_040020.1;Name=59b89cf4-b2f7-4358-a2e9-
aff79038bd8b
SM_V9_5 iris    exon    20421564        20421831        .       -
       .       Parent=Smp_040020.1;Name=98270948-136f-4618-
a1cf-56f1f63d7cbc
SM_V9_5 iris    exon    20425475        20425587        .       -
       .       Parent=Smp_040020.1;Name=969de4ad-ddd3-48bb-
beef-0eb1d510db75
SM_V9_5 iris    exon    20428601        20428816        .       -
       .
Parent=Smp_040020.1;Name=fae80a04-5a5d-41b4-9e07-5e8ffe99ef9a
SM_V9_5 iris    CDS     20419030        20419417        .       -
       1       Parent=Smp_040020.1
SM_V9_5 iris    CDS     20421564        20421831        .       -
       2       Parent=Smp_040020.1
SM_V9_5 iris    CDS     20425475        20425587        .       -
       1       Parent=Smp_040020.1
SM_V9_5 iris    CDS     20428601        20428746        .       -
       0       Parent=Smp_040020.1
SM_V9_5 iris    gene    20435338        20460428        .       +
       .
ID=Smp_143960;geneID=Smp_143960;gene_name=Smp_143960;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20435338        20460428        .       +
       .
ID=Smp_143960.1;Parent=Smp_143960;geneID=Smp_143960;gene_name=Smp_14
3960;owner=irisadmin@local.host;orig_id=Smp_143960.2;date_last_modif
ied=2022-07-17;Name=Smp_143960.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    20435338        20435432        .       +
       .
Parent=Smp_143960.1;Name=17b1a8b8-5e05-490c-916a-602c117e36a5
SM_V9_5 iris    exon    20435465        20435635        .       +
       .       Parent=Smp_143960.1;Name=f35c59eb-b609-408c-
bdf1-0d77ce29f821
SM_V9_5 iris    exon    20437603        20437869        .       +
       .       Parent=Smp_143960.1;Name=cc931eae-a93e-4ceb-a4b4-
f9381cbb1bfa
SM_V9_5 iris    exon    20439089        20439758        .       +
       .       Parent=Smp_143960.1;Name=42d2ea7f-
e0ca-494c-98d9-8969a1fd55b7
SM_V9_5 iris    exon    20441109        20441202        .       +
       .
Parent=Smp_143960.1;Name=2ee8622b-26e3-4fec-9c3a-52a403a58d4a
SM_V9_5 iris    exon    20442928        20443272        .       +
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        .       Parent=Smp_143960.1;Name=c64c6d14-3f9c-4fbe-
b11a-2f1a454f04c3
SM_V9_5 iris    exon    20445464        20446325        .       +
        .       Parent=Smp_143960.1;Name=c4d013a8-fcd0-4142-
a845-9b7ccc1616b3
SM_V9_5 iris    exon    20446818        20447593        .       +
        .
Parent=Smp_143960.1;Name=176fc4a6-9753-46bb-8660-0f2817e49c06
SM_V9_5 iris    exon    20456551        20456568        .       +
        .       Parent=Smp_143960.1;Name=5f7565f4-4fef-4bbe-
af7b-5f4f6765eebf
SM_V9_5 iris    exon    20460061        20460428        .       +
        .       Parent=Smp_143960.1;Name=e1c4c6b0-ae1d-4f64-
aba1-1b8f0f035986
SM_V9_5 iris    CDS     20435381        20435432        .       +
        0       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20435465        20435635        .       +
        2       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20437603        20437869        .       +
        2       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20439089        20439758        .       +
        2       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20441109        20441202        .       +
        1       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20442928        20443272        .       +
        0       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20445464        20446325        .       +
        0       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20446818        20447593        .       +
        2       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20456551        20456568        .       +
        0       Parent=Smp_143960.1
SM_V9_5 iris    CDS     20460061        20460114        .       +
        0       Parent=Smp_143960.1
SM_V9_5 Liftoff gene    20523848        20524397        .       +
        .       ID=Smp_330770;geneID=Smp_330770
SM_V9_5 Liftoff mRNA    20523848        20524397        .       +
        .
ID=Smp_330770.1;Parent=Smp_330770;geneID=Smp_330770;product=UDP-N-
acetylglucosamine--N-acetylmuramyl-(pentapeptide) pyrophosphoryl-
undecaprenol N-acetylglucosamine
transferase;polypeptide_domain=InterPro:IPR013783
SM_V9_5 Liftoff exon    20523848        20524397        .       +
        .       Parent=Smp_330770.1
SM_V9_5 Liftoff CDS     20523976        20524359        .       +
        0       Parent=Smp_330770.1
SM_V9_5 iris    gene    20533606        20566967        .       +
        .
ID=Smp_343670;geneID=Smp_343670;gene_name=Smp_343670;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    20533606        20566967        .       +
        .
ID=Smp_343670.1;Parent=Smp_343670;geneID=Smp_343670;gene_name=Smp_34
3670;owner=irisadmin@local.host;orig_id=Smp_343670.1;date_last_modif
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ied=2022-08-30;Name=Smp_343670.1;product=Peroxidasin;date_creation=2
022-08-30
SM_V9_5 iris    exon    20533606        20534032        .       +
        .       Parent=Smp_343670.1;Name=5a67e270-
c99a-4001-8d06-8585471f9b8d
SM_V9_5 iris    exon    20537636        20537868        .       +
        .       Parent=Smp_343670.1;Name=fe3aba72-
d8bd-4a1a-8a5d-9ef2c7ff5d78
SM_V9_5 iris    exon    20540741        20540897        .       +
        .       Parent=Smp_343670.1;Name=7818f509-5448-43bb-aa38-
ec5dc3026e1d
SM_V9_5 iris    exon    20542433        20542836        .       +
        .       Parent=Smp_343670.1;Name=8b8dbb5b-0a69-40b5-
a5dc-4a982af59936
SM_V9_5 iris    exon    20547657        20547793        .       +
        .       Parent=Smp_343670.1;Name=3a31623e-95b4-482e-
abc1-9d3c948114e7
SM_V9_5 iris    exon    20551708        20552032        .       +
        .       Parent=Smp_343670.1;Name=25362eea-3eb4-4bc2-
b022-55abcc2d5724
SM_V9_5 iris    exon    20557607        20557987        .       +
        .       Parent=Smp_343670.1;Name=9c3de136-
dd0f-4d6d-8c0d-425e2b600fa3
SM_V9_5 iris    exon    20560648        20560840        .       +
        .
Parent=Smp_343670.1;Name=b7bf97de-5162-4a31-9e05-92dd582e0dab
SM_V9_5 iris    exon    20562356        20562491        .       +
        .       Parent=Smp_343670.1;Name=ffbedb63-0b19-48e4-b33d-
f6a1144de04f
SM_V9_5 iris    exon    20564111        20564219        .       +
        .       Parent=Smp_343670.1;Name=7cc591cc-2640-440c-
b57b-5ddcd6905ae5
SM_V9_5 iris    exon    20566198        20566967        .       +
        .       Parent=Smp_343670.1;Name=1c49dcd8-6de8-4ae3-9428-
ea1a865a758b
SM_V9_5 iris    CDS     20533896        20534032        .       +
        0       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20537636        20537868        .       +
        1       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20540741        20540897        .       +
        2       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20542433        20542836        .       +
        1       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20547657        20547793        .       +
        2       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20551708        20552032        .       +
        0       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20557607        20557987        .       +
        2       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20560648        20560840        .       +
        2       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20562356        20562491        .       +
        1       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20564111        20564219        .       +
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        0       Parent=Smp_343670.1
SM_V9_5 iris    CDS     20566198        20566856        .       +
        2       Parent=Smp_343670.1
SM_V9_5 Liftoff gene    20575786        20595385        .       -
        .
ID=Smp_143940;geneID=Smp_143940;previous_systematic_id=Smp_113710
SM_V9_5 Liftoff mRNA    20575786        20595385        .       -
        .
ID=Smp_143940.1;Parent=Smp_143940;geneID=Smp_143940;product=Cytoplas
mic dynein 1 light intermediate chain
1;polypeptide_domain=InterPro:IPR022780,IPR027417 Pfam:PF05783
SM_V9_5 Liftoff exon    20575786        20576086        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20576197        20576406        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20577075        20577283        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20578124        20578251        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20580583        20580718        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20581506        20581599        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20584699        20585078        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20587018        20587251        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20588467        20588672        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff exon    20595164        20595385        .       -
        .       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20576075        20576086        .       -
        0       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20576197        20576406        .       -
        0       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20577075        20577283        .       -
        2       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20578124        20578251        .       -
        1       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20580583        20580718        .       -
        2       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20581506        20581599        .       -
        0       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20584699        20585078        .       -
        2       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20587018        20587251        .       -
        2       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20588467        20588672        .       -
        1       Parent=Smp_143940.1
SM_V9_5 Liftoff CDS     20595164        20595201        .       -
        0       Parent=Smp_143940.1
SM_V9_5 iris    gene    20615686        20623421        .       +
        .
ID=Smp_349360;geneID=Smp_349360;gene_name=Smp_349360;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
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ID=Smp_349360.1;Parent=Smp_349360;geneID=Smp_349360;gene_name=Smp_34
9360;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349360.1;date_creation=2022-07-17
SM_V9_5 iris    exon    20615686        20615711        .       +
       .       Parent=Smp_349360.1;Name=Smp_349360.1-CDS
SM_V9_5 iris    exon    20615812        20615956        .       +
       .
Parent=Smp_349360.1;Name=4801cae5-8daf-4ea5-879f-6dd543f02eb3
SM_V9_5 iris    exon    20615993        20616082        .       +
       .       Parent=Smp_349360.1;Name=e969cf64-f6ba-474c-
a9d5-85ffbfd79490
SM_V9_5 iris    exon    20616140        20616209        .       +
       .       Parent=Smp_349360.1;Name=d632e532-
e21e-44d7-810a-093ba251b8a9
SM_V9_5 iris    exon    20616386        20616478        .       +
       .       Parent=Smp_349360.1;Name=addfd322-
d8d8-422f-9519-9268e86c1651
SM_V9_5 iris    exon    20617557        20617607        .       +
       .       Parent=Smp_349360.1;Name=ea97f662-c608-4459-
aed5-3458f662a2a9
SM_V9_5 iris    exon    20618992        20619056        .       +
       .
Parent=Smp_349360.1;Name=51f2bf02-5458-4ada-8828-1594e199ffe5
SM_V9_5 iris    exon    20620149        20620212        .       +
       .       Parent=Smp_349360.1;Name=b994dc8a-c759-4f45-80e6-
e16a5c10ce99
SM_V9_5 iris    exon    20621198        20621275        .       +
       .       Parent=Smp_349360.1;Name=aa3839e5-c661-4b6a-90bf-
c7ba553603da
SM_V9_5 iris    exon    20622259        20622404        .       +
       .       Parent=Smp_349360.1;Name=2dcd3e6f-321f-45b1-936e-
b17ccde3185f
SM_V9_5 iris    exon    20622897        20623022        .       +
       .       Parent=Smp_349360.1;Name=b0c7272c-264e-4670-9f0b-
b212a9cf9d75
SM_V9_5 iris    exon    20623071        20623421        .       +
       .       Parent=Smp_349360.1;Name=4d25e73d-addd-4b18-a515-
cbce9a25f015
SM_V9_5 iris    CDS     20615707        20615711        .       +
       0       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20615812        20615956        .       +
       1       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20615993        20616082        .       +
       0       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20616140        20616209        .       +
       0       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20616386        20616478        .       +
       2       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20617557        20617607        .       +
       2       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20618992        20619056        .       +
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        2       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20620149        20620212        .       +
        0       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20621198        20621275        .       +
        2       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20622259        20622404        .       +
        2       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20622897        20623022        .       +
        0       Parent=Smp_349360.1
SM_V9_5 iris    CDS     20623071        20623223        .       +
        0       Parent=Smp_349360.1
SM_V9_5 iris    gene    20651878        20657245        .       -
        .
ID=Smp_039980;geneID=Smp_039980;gene_name=Smp_039980;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20651878        20657245        .       -
        .
ID=Smp_039980.1;Parent=Smp_039980;geneID=Smp_039980;gene_name=Smp_03
9980;owner=irisadmin@local.host;orig_id=Smp_039980.1;date_last_modif
ied=2022-11-04;Name=Smp_039980.1;product=28S ribosomal protein S33,
mitochondrial;date_creation=2022-07-17
SM_V9_5 iris    exon    20651878        20652490        .       -
        .
Parent=Smp_039980.1;Name=8058bdab-150c-4437-98fb-91205e625303
SM_V9_5 iris    exon    20656086        20656099        .       -
        .
Parent=Smp_039980.1;Name=1d87145e-63a6-4307-870b-8aaf88d95ccf
SM_V9_5 iris    exon    20657137        20657245        .       -
        .       Parent=Smp_039980.1;Name=043bc496-b836-4076-b621-
d0b154b1e5c7
SM_V9_5 iris    CDS     20652182        20652490        .       -
        0       Parent=Smp_039980.1
SM_V9_5 Liftoff gene    20669269        20671154        .       +
        .       ID=Smp_039970;geneID=Smp_039970
SM_V9_5 Liftoff mRNA    20669269        20671154        .       +
        .
ID=Smp_039970.1;Parent=Smp_039970;geneID=Smp_039970;product=Zinc
finger protein 706;polypeptide_domain=InterPro:IPR007513,IPR026939
Pfam:PF04419
SM_V9_5 Liftoff exon    20669269        20671154        .       +
        .       Parent=Smp_039970.1
SM_V9_5 Liftoff CDS     20670813        20671037        .       +
        0       Parent=Smp_039970.1
SM_V9_5 iris    gene    20677806        20747488        .       -
        .
ID=Smp_143930;geneID=Smp_143930;gene_name=Smp_143930;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    20677806        20747488        .       -
        .
ID=Smp_143930.1;Parent=Smp_143930;geneID=Smp_143930;gene_name=Smp_14
3930;owner=irisadmin@local.host;orig_id=Smp_143930.1;date_last_modif
ied=2022-08-18;Name=Smp_143930.1;product=SH3 and multiple ankyrin
repeat domains protein 1;date_creation=2022-08-18
SM_V9_5 iris    exon    20677806        20678621        .       -
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        .       Parent=Smp_143930.1;Name=8661cea7-6361-4a25-
bebe-6285fd56d1c0
SM_V9_5 iris    exon    20681783        20681850        .       -
        .       Parent=Smp_143930.1;Name=522e0d8b-a5c9-4204-
bc44-2973a26699b1
SM_V9_5 iris    exon    20684237        20684318        .       -
        .       Parent=Smp_143930.1;Name=8ed54cbb-3647-4f15-a9bb-
bb54d426bf13
SM_V9_5 iris    exon    20686520        20687796        .       -
        .       Parent=Smp_143930.1;Name=6ffa63a5-5b00-41dd-b9fb-
d7f08635f059
SM_V9_5 iris    exon    20689996        20690116        .       -
        .
Parent=Smp_143930.1;Name=533d395c-462e-4978-9ea5-9ab1b2ce9151
SM_V9_5 iris    exon    20694941        20695056        .       -
        .
Parent=Smp_143930.1;Name=d698f532-5d32-482e-911e-165f991b728c
SM_V9_5 iris    exon    20695865        20695950        .       -
        .       Parent=Smp_143930.1;Name=de2304cd-aac7-4011-a0b0-
a285b70ebab0
SM_V9_5 iris    exon    20697385        20697421        .       -
        .       Parent=Smp_143930.1;Name=6a698a90-a64e-46aa-
bcf8-195dbc965ed1
SM_V9_5 iris    exon    20699621        20700106        .       -
        .       Parent=Smp_143930.1;Name=5cb815c6-690d-411f-bdbc-
c9ebd1a9c1db
SM_V9_5 iris    exon    20703769        20704030        .       -
        .       Parent=Smp_143930.1;Name=c3224fdf-3abb-48db-8075-
c85ee8fe7f62
SM_V9_5 iris    exon    20705269        20705436        .       -
        .       Parent=Smp_143930.1;Name=fd5323af-
cb83-4698-9762-8e49e4fa7111
SM_V9_5 iris    exon    20708127        20708278        .       -
        .       Parent=Smp_143930.1;Name=0d53642d-
cf24-4480-8d52-437ed063ecc7
SM_V9_5 iris    exon    20711112        20711220        .       -
        .       Parent=Smp_143930.1;Name=d1125d26-
eb30-4d5b-8d45-00d5b7d3a007
SM_V9_5 iris    exon    20713423        20713500        .       -
        .       Parent=Smp_143930.1;Name=26eb8266-d861-42e8-bf0e-
c6d72615c2ff
SM_V9_5 iris    exon    20715858        20716130        .       -
        .       Parent=Smp_143930.1;Name=d462cd55-c80a-49d0-
a866-7968b3b356ff
SM_V9_5 iris    exon    20739635        20739808        .       -
        .       Parent=Smp_143930.1;Name=8e58486d-677d-4065-
b98b-5029b8e189d9
SM_V9_5 iris    exon    20747437        20747488        .       -
        .       Parent=Smp_143930.1;Name=3d03fd28-5ce6-4929-bd23-
b6476555fcbe
SM_V9_5 iris    CDS     20681822        20681850        .       -
        2       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20684237        20684318        .       -
        0       Parent=Smp_143930.1
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SM_V9_5 iris    CDS     20686520        20687796        .       -
        2       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20689996        20690116        .       -
        0       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20694941        20695056        .       -
        2       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20695865        20695950        .       -
        1       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20697385        20697421        .       -
        2       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20699621        20700106        .       -
        2       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20703769        20704030        .       -
        0       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20705269        20705436        .       -
        0       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20708127        20708278        .       -
        2       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20711112        20711220        .       -
        0       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20713423        20713500        .       -
        0       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20715858        20716130        .       -
        0       Parent=Smp_143930.1
SM_V9_5 iris    CDS     20739635        20739760        .       -
        0       Parent=Smp_143930.1
SM_V9_5 Liftoff gene    20752379        20781468        .       +
        .       ID=Smp_143920;geneID=Smp_143920
SM_V9_5 Liftoff mRNA    20752379        20781468        .       +
        .
ID=Smp_143920.1;Parent=Smp_143920;geneID=Smp_143920;product=Integrat
or complex subunit 9;polypeptide_domain=InterPro:IPR001279
Pfam:PF16661
SM_V9_5 Liftoff exon    20752379        20753871        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20753917        20754044        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20754090        20754144        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20754207        20754275        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20754331        20754470        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20754521        20754604        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20759150        20759276        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20760251        20760340        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20761900        20761944        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20763044        20763155        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20766065        20766582        .       +
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        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20769190        20769671        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20772027        20772303        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20775104        20775464        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20779325        20779722        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff exon    20781086        20781468        .       +
        .       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20753866        20753871        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20753917        20754044        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20754090        20754144        .       +
        1       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20754207        20754275        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20754331        20754470        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20754521        20754604        .       +
        1       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20759150        20759276        .       +
        1       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20760251        20760340        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20761900        20761944        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20763044        20763155        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20766065        20766582        .       +
        2       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20769190        20769671        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20772027        20772303        .       +
        1       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20775104        20775464        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20779325        20779722        .       +
        2       Parent=Smp_143920.1
SM_V9_5 Liftoff CDS     20781086        20781220        .       +
        0       Parent=Smp_143920.1
SM_V9_5 Liftoff mRNA    20752379        20781468        .       +
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ID=Smp_143920.2;Parent=Smp_143920;geneID=Smp_143920;product=Integrat
or complex subunit 9;polypeptide_domain=InterPro:IPR001279
Pfam:PF16661
SM_V9_5 Liftoff exon    20752379        20753871        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20753917        20754044        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20754090        20754144        .       +
        .       Parent=Smp_143920.2
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SM_V9_5 Liftoff exon    20754207        20754275        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20754331        20754470        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20754521        20754604        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20759150        20759276        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20760251        20760340        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20761900        20761944        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20763044        20763155        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20766065        20766582        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20769190        20769671        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20772027        20772303        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20775104        20775464        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20779325        20779722        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff exon    20781086        20781468        .       +
        .       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20753839        20753871        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20753917        20754044        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20754090        20754144        .       +
        1       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20754207        20754275        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20754331        20754470        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20754521        20754604        .       +
        1       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20759150        20759276        .       +
        1       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20760251        20760340        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20761900        20761944        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20763044        20763155        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20766065        20766582        .       +
        2       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20769190        20769671        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20772027        20772303        .       +
        1       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20775104        20775464        .       +
        0       Parent=Smp_143920.2
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SM_V9_5 Liftoff CDS     20779325        20779722        .       +
        2       Parent=Smp_143920.2
SM_V9_5 Liftoff CDS     20781086        20781220        .       +
        0       Parent=Smp_143920.2
SM_V9_5 Liftoff mRNA    20752379        20781468        .       +
        .
ID=Smp_143920.3;Parent=Smp_143920;geneID=Smp_143920;product=Integrat
or complex subunit 9;polypeptide_domain=InterPro:IPR001279
Pfam:PF16661
SM_V9_5 Liftoff exon    20752379        20754470        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20754521        20754604        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20759150        20759276        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20760251        20760340        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20761900        20761944        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20763044        20763155        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20766065        20766582        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20769190        20769671        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20772027        20772303        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20775104        20775464        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20779325        20779722        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff exon    20781086        20781468        .       +
        .       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20754331        20754470        .       +
        0       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20754521        20754604        .       +
        1       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20759150        20759276        .       +
        1       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20760251        20760340        .       +
        0       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20761900        20761944        .       +
        0       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20763044        20763155        .       +
        0       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20766065        20766582        .       +
        2       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20769190        20769671        .       +
        0       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20772027        20772303        .       +
        1       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20775104        20775464        .       +
        0       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20779325        20779722        .       +
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        2       Parent=Smp_143920.3
SM_V9_5 Liftoff CDS     20781086        20781220        .       +
        0       Parent=Smp_143920.3
SM_V9_5 iris    gene    20787714        20876975        .       +
        .
ID=Smp_143910;geneID=Smp_143910;gene_name=Smp_143910;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20787714        20876975        .       +
        .
ID=Smp_143910.1;Parent=Smp_143910;geneID=Smp_143910;gene_name=Smp_14
3910;owner=irisadmin@local.host;orig_id=Smp_143910.1;date_last_modif
ied=2022-07-17;Name=Smp_143910.1;product=Coiled-coil and C2 domain-
containing protein 2A;date_creation=2022-07-17
SM_V9_5 iris    exon    20787714        20787793        .       +
        .
Parent=Smp_143910.1;Name=90ea2c7c-59c2-4fdb-91f4-0c4b1a401648
SM_V9_5 iris    exon    20787829        20787909        .       +
        .       Parent=Smp_143910.1;Name=779a9089-0e36-4034-b358-
d521584ed3b7
SM_V9_5 iris    exon    20787953        20788118        .       +
        .       Parent=Smp_143910.1;Name=913d7ee0-cdd7-445d-
a110-41b7a50f406a
SM_V9_5 iris    exon    20789916        20789977        .       +
        .
Parent=Smp_143910.1;Name=8a5f7303-035b-4036-8602-0696143b0f8b
SM_V9_5 iris    exon    20791475        20791642        .       +
        .
Parent=Smp_143910.1;Name=5383d89d-8605-4737-8464-1045c2ab06e9
SM_V9_5 iris    exon    20793736        20793975        .       +
        .       Parent=Smp_143910.1;Name=0e095fa9-5731-4095-
a65f-450834e8d1a0
SM_V9_5 iris    exon    20796123        20796267        .       +
        .       Parent=Smp_143910.1;Name=d0522ff2-7800-41b3-8ab3-
a840f358c177
SM_V9_5 iris    exon    20799339        20799586        .       +
        .       Parent=Smp_143910.1;Name=58a80395-2419-4b9d-
a368-46a09dd31c25
SM_V9_5 iris    exon    20801351        20801479        .       +
        .       Parent=Smp_143910.1;Name=10ddd6b4-4955-4e2c-8e2f-
e2e96c697230
SM_V9_5 iris    exon    20802444        20802734        .       +
        .       Parent=Smp_143910.1;Name=777aee31-eb3d-4274-a01b-
e286165c68f7
SM_V9_5 iris    exon    20807045        20807101        .       +
        .       Parent=Smp_143910.1;Name=daf449d1-
a802-4c88-81e4-35c8e421a723
SM_V9_5 iris    exon    20808975        20809042        .       +
        .       Parent=Smp_143910.1;Name=2781f4a9-4b90-4d06-
b1e2-86bdf6c9fcb1
SM_V9_5 iris    exon    20809939        20810079        .       +
        .       Parent=Smp_143910.1;Name=45a4f847-394c-42a7-
a1bb-8fa52258de17
SM_V9_5 iris    exon    20810990        20811146        .       +
        .       Parent=Smp_143910.1;Name=22092a8c-5f25-4756-aa4f-
```

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fbaf1d12748a
SM_V9_5 iris    exon    20813111        20813170        .       +
        .       Parent=Smp_143910.1;Name=3acd94ce-a019-40b2-
a358-0980f0aa164c
SM_V9_5 iris    exon    20815672        20815889        .       +
        .       Parent=Smp_143910.1;Name=f9e958c5-020e-4a40-9dc5-
aaf26b98a610
SM_V9_5 iris    exon    20818057        20818149        .       +
        .       Parent=Smp_143910.1;Name=aa1c2355-95d2-436d-aebe-
b5689d74fec2
SM_V9_5 iris    exon    20820875        20820959        .       +
        .       Parent=Smp_143910.1;Name=c821929a-
c639-418c-9f54-493d196b8954
SM_V9_5 iris    exon    20822230        20822618        .       +
        .
Parent=Smp_143910.1;Name=3f346f91-798a-4000-8f94-309c1c7c56c5
SM_V9_5 iris    exon    20824538        20824751        .       +
        .       Parent=Smp_143910.1;Name=69fd671f-69ea-406f-b54c-
b21fe833b715
SM_V9_5 iris    exon    20827420        20827677        .       +
        .
Parent=Smp_143910.1;Name=3afc69a1-13cb-455b-8a90-816dad4cf268
SM_V9_5 iris    exon    20828948        20829043        .       +
        .
Parent=Smp_143910.1;Name=6b684d1e-704c-4206-9dbe-71b92663e59c
SM_V9_5 iris    exon    20830107        20830198        .       +
        .       Parent=Smp_143910.1;Name=d14a1685-
c5ff-4fea-8b35-42e42bc572f2
SM_V9_5 iris    exon    20832393        20832603        .       +
        .       Parent=Smp_143910.1;Name=977103ae-6fb5-43a1-afb4-
ad30541d52f9
SM_V9_5 iris    exon    20835802        20835908        .       +
        .       Parent=Smp_143910.1;Name=99afe782-2500-40d6-
bc9a-09577fc64fce
SM_V9_5 iris    exon    20837910        20838096        .       +
        .       Parent=Smp_143910.1;Name=26e94874-f074-4279-
a748-3944f5d7e43b
SM_V9_5 iris    exon    20840880        20841026        .       +
        .
Parent=Smp_143910.1;Name=bedea4b1-3848-46fb-9f4b-5366616a44cd
SM_V9_5 iris    exon    20842483        20842698        .       +
        .       Parent=Smp_143910.1;Name=06145b03-2155-448a-8c6b-
ebd096d7efb0
SM_V9_5 iris    exon    20847193        20847282        .       +
        .       Parent=Smp_143910.1;Name=d4c6cab4-6cce-42ca-8a80-
d7835546c21f
SM_V9_5 iris    exon    20850803        20851001        .       +
        .       Parent=Smp_143910.1;Name=0080becb-4f2a-4573-
ad1c-376ef166cd9a
SM_V9_5 iris    exon    20855420        20855580        .       +
        .       Parent=Smp_143910.1;Name=3800fe24-5429-44af-a142-
d065af315195
SM_V9_5 iris    exon    20857616        20857876        .       +
        .
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Parent=Smp_143910.1;Name=43a8709b-232e-4945-8fa0-380d467aef40
SM_V9_5 iris    exon    20863963        20864015        .       +
        .       Parent=Smp_143910.1;Name=7e3705f1-eca6-4401-bac9-
db74b0086006
SM_V9_5 iris    exon    20871566        20871638        .       +
        .       Parent=Smp_143910.1;Name=b18d4901-dbec-4149-
b720-04ae168452d3
SM_V9_5 iris    exon    20876502        20876975        .       +
        .       Parent=Smp_143910.1;Name=c91be707-e480-47fd-ae96-
c8947bab1110
SM_V9_5 iris    CDS     20787767        20787793        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20787829        20787909        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20787953        20788118        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20789916        20789977        .       +
        2       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20791475        20791642        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20793736        20793975        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20796123        20796267        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20799339        20799586        .       +
        2       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20801351        20801479        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20802444        20802734        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20807045        20807101        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20808975        20809042        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20809939        20810079        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20810990        20811146        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20813111        20813170        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20815672        20815889        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20818057        20818149        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20820875        20820959        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20822230        20822618        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20824538        20824751        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20827420        20827677        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20828948        20829043        .       +
        0       Parent=Smp_143910.1
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SM_V9_5 iris    CDS     20830107        20830198        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20832393        20832603        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20835802        20835908        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20837910        20838096        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20840880        20841026        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20842483        20842698        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20847193        20847282        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20850803        20851001        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20855420        20855580        .       +
        2       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20857616        20857876        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20863963        20864015        .       +
        0       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20871566        20871638        .       +
        1       Parent=Smp_143910.1
SM_V9_5 iris    CDS     20876502        20876864        .       +
        0       Parent=Smp_143910.1
SM_V9_5 Liftoff gene    20879697        20888675        .       -
        .       ID=Smp_330780;geneID=Smp_330780
SM_V9_5 Liftoff mRNA    20879697        20888675        .       -
        .
ID=Smp_330780.1;Parent=Smp_330780;geneID=Smp_330780;product=Guanine
nucleotide exchange factor LTE1
SM_V9_5 Liftoff exon    20879697        20879967        .       -
        .       Parent=Smp_330780.1
SM_V9_5 Liftoff exon    20881955        20882070        .       -
        .       Parent=Smp_330780.1
SM_V9_5 Liftoff exon    20887666        20887767        .       -
        .       Parent=Smp_330780.1
SM_V9_5 Liftoff exon    20887820        20887921        .       -
        .       Parent=Smp_330780.1
SM_V9_5 Liftoff exon    20888651        20888675        .       -
        .       Parent=Smp_330780.1
SM_V9_5 Liftoff CDS     20879805        20879967        .       -
        1       Parent=Smp_330780.1
SM_V9_5 Liftoff CDS     20881955        20882070        .       -
        0       Parent=Smp_330780.1
SM_V9_5 Liftoff CDS     20887666        20887767        .       -
        0       Parent=Smp_330780.1
SM_V9_5 Liftoff CDS     20887820        20887921        .       -
        0       Parent=Smp_330780.1
SM_V9_5 Liftoff CDS     20888651        20888653        .       -
        0       Parent=Smp_330780.1
SM_V9_5 iris    gene    20898873        20903017        .       +
        .
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ID=Smp_330790;geneID=Smp_330790;gene_name=Smp_330790;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    20898873        20903017        .       +
       .
ID=Smp_330790.1;Parent=Smp_330790;geneID=Smp_330790;gene_name=Smp_33
0790;owner=irisadmin@local.host;orig_id=Smp_330790.2;date_last_modif
ied=2022-07-17;Name=Smp_330790.1;product=Probable serine/threonine-
protein kinase ndrD;date_creation=2022-07-17
SM_V9_5 iris    exon    20898873        20899096        .       +
       .
Parent=Smp_330790.1;Name=132ac132-7d55-4935-8094-297a142f298d
SM_V9_5 iris    exon    20899175        20899276        .       +
       .       Parent=Smp_330790.1;Name=61f1a2b3-
a051-49a2-92ac-8e23d80313ef
SM_V9_5 iris    exon    20899333        20899434        .       +
       .       Parent=Smp_330790.1;Name=9acacaff-9b21-47b6-890b-
ebef7561d7cc
SM_V9_5 iris    exon    20900915        20901030        .       +
       .       Parent=Smp_330790.1;Name=d018cbb6-bcc1-42a8-
b026-6e6ca38a4180
SM_V9_5 iris    exon    20902723        20903017        .       +
       .       Parent=Smp_330790.1;Name=bc138e6a-55b5-420c-
a3ed-218b086896c2
SM_V9_5 iris    CDS     20898926        20899096        .       +
       0       Parent=Smp_330790.1
SM_V9_5 iris    CDS     20899175        20899276        .       +
       0       Parent=Smp_330790.1
SM_V9_5 iris    CDS     20899333        20899434        .       +
       0       Parent=Smp_330790.1
SM_V9_5 iris    CDS     20900915        20901030        .       +
       0       Parent=Smp_330790.1
SM_V9_5 iris    CDS     20902723        20902912        .       +
       1       Parent=Smp_330790.1
SM_V9_5 Liftoff gene    21013467        21016044        .       +
       .       ID=Smp_330810;geneID=Smp_330810
SM_V9_5 Liftoff mRNA    21013467        21016044        .       +
       .
ID=Smp_330810.1;Parent=Smp_330810;geneID=Smp_330810;product=Uncharac
terized MscS family protein YhdY
SM_V9_5 Liftoff exon    21013467        21016044        .       +
       .       Parent=Smp_330810.1
SM_V9_5 Liftoff CDS     21015771        21015953        .       +
       0       Parent=Smp_330810.1
SM_V9_5 iris    gene    21080609        21098676        .       -
       .
ID=Smp_302830;geneID=Smp_302830;gene_name=Smp_302830;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    21080609        21098676        .       -
       .
ID=Smp_302830.1;Parent=Smp_302830;geneID=Smp_302830;gene_name=Smp_30
2830;owner=irisadmin@local.host;orig_id=Smp_302830.1;date_last_modif
ied=2022-08-02;Name=Smp_302830.1;product=F-box/kelch-repeat protein
At4g14905;date_creation=2022-08-02
SM_V9_5 iris    exon    21080609        21080970        .       -
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        .       Parent=Smp_302830.1;Name=267c58d4-b487-4d07-
aec2-386b4d369bd3
SM_V9_5 iris    exon    21084877        21084992        .       -
        .
Parent=Smp_302830.1;Name=2a96dd3b-924c-43ab-93c8-5dff7cf06e08
SM_V9_5 iris    exon    21087424        21087525        .       -
        .       Parent=Smp_302830.1;Name=6eb6f6ba-7924-4f3d-b188-
b8fa3c6bba23
SM_V9_5 iris    exon    21089468        21089569        .       -
        .
Parent=Smp_302830.1;Name=a92f135e-804d-4c66-931e-4654cc055ba2
SM_V9_5 iris    exon    21089621        21089822        .       -
        .       Parent=Smp_302830.1;Name=806d82ba-2b72-460b-
b70b-4484fd92b892
SM_V9_5 iris    exon    21098641        21098676        .       -
        .       Parent=Smp_302830.1;Name=d22cbeaa-f7ba-4663-
a319-4479d197f75a
SM_V9_5 iris    CDS     21080775        21080970        .       -
        1       Parent=Smp_302830.1
SM_V9_5 iris    CDS     21084877        21084992        .       -
        0       Parent=Smp_302830.1
SM_V9_5 iris    CDS     21087424        21087525        .       -
        0       Parent=Smp_302830.1
SM_V9_5 iris    CDS     21089468        21089569        .       -
        0       Parent=Smp_302830.1
SM_V9_5 iris    CDS     21089621        21089800        .       -
        0       Parent=Smp_302830.1
SM_V9_5 iris    gene    21126328        21202025        .       +
        .
ID=Smp_334630;geneID=Smp_334630;gene_name=Smp_334630;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    21126328        21202025        .       +
        .
ID=Smp_334630.1;Parent=Smp_334630;geneID=Smp_334630;gene_name=Smp_33
4630;owner=irisadmin@local.host;orig_id=Smp_334630.1;date_last_modif
ied=2022-08-01;Name=Smp_334630.1;product=Gamma-aminobutyric acid
receptor subunit beta;date_creation=2022-07-29
SM_V9_5 iris    exon    21126328        21127600        .       +
        .       Parent=Smp_334630.1;Name=663d29f8-000f-440a-b2a7-
b062195b454f
SM_V9_5 iris    exon    21167468        21167686        .       +
        .       Parent=Smp_334630.1;Name=6bba4c7b-
f805-4789-977d-94be1c471f44
SM_V9_5 iris    exon    21178224        21178418        .       +
        .
Parent=Smp_334630.1;Name=d9c1d2c6-41f3-412b-8390-8ca2e7c2af12
SM_V9_5 iris    exon    21184900        21185034        .       +
        .
Parent=Smp_334630.1;Name=ec4541bb-2df4-4063-995d-6ba36a0fb93b
SM_V9_5 iris    exon    21187302        21187580        .       +
        .       Parent=Smp_334630.1;Name=75bb2435-1f28-4ece-
b3ec-3732729c2b91
SM_V9_5 iris    exon    21198178        21198357        .       +
        .       Parent=Smp_334630.1;Name=e4e6b173-4b7d-442f-80f8-
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afa591e594eb
SM_V9_5 iris    exon    21200278        21202025        .       +
        .       Parent=Smp_334630.1;Name=eb77cc07-5a03-439d-a982-
fe98bf7a18dd
SM_V9_5 iris    CDS     21126782        21127600        .       +
        0       Parent=Smp_334630.1
SM_V9_5 iris    CDS     21167468        21167686        .       +
        0       Parent=Smp_334630.1
SM_V9_5 iris    CDS     21178224        21178418        .       +
        0       Parent=Smp_334630.1
SM_V9_5 iris    CDS     21184900        21185034        .       +
        0       Parent=Smp_334630.1
SM_V9_5 iris    CDS     21187302        21187580        .       +
        0       Parent=Smp_334630.1
SM_V9_5 iris    CDS     21198178        21198357        .       +
        0       Parent=Smp_334630.1
SM_V9_5 iris    CDS     21200278        21200451        .       +
        0       Parent=Smp_334630.1
SM_V9_5 iris    gene    21207409        21221134        .       -
        .
ID=Smp_143700;geneID=Smp_143700;gene_name=Smp_143700;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    21207409        21221134        .       -
        .
ID=Smp_143700.1;Parent=Smp_143700;geneID=Smp_143700;gene_name=Smp_14
3700;owner=irisadmin@local.host;orig_id=Smp_143700.1;date_last_modif
ied=2022-08-01;Name=Smp_143700.1;product=Adenylosuccinate
synthetase;date_creation=2022-07-29
SM_V9_5 iris    exon    21207409        21208331        .       -
        .       Parent=Smp_143700.1;Name=55b5d2f3-20dd-48bb-96a6-
c3ccb125cb12
SM_V9_5 iris    exon    21209908        21210072        .       -
        .       Parent=Smp_143700.1;Name=f120c78b-932e-4cdf-
bcda-865cbff6eb9b
SM_V9_5 iris    exon    21213171        21213362        .       -
        .       Parent=Smp_143700.1;Name=3cb84c31-11c4-43c4-b542-
a403fc424e83
SM_V9_5 iris    exon    21220627        21220848        .       -
        .       Parent=Smp_143700.1;Name=72b2b8c1-8df8-4c17-
aa41-5f32007da8e0
SM_V9_5 iris    exon    21220889        21221134        .       -
        .       Parent=Smp_143700.1;Name=6b6777cd-be30-4dac-
a8ff-9ad7c5b245ed
SM_V9_5 iris    CDS     21207858        21208331        .       -
        0       Parent=Smp_143700.1
SM_V9_5 iris    CDS     21209908        21210072        .       -
        0       Parent=Smp_143700.1
SM_V9_5 iris    CDS     21213171        21213362        .       -
        0       Parent=Smp_143700.1
SM_V9_5 iris    CDS     21220627        21220848        .       -
        0       Parent=Smp_143700.1
SM_V9_5 iris    CDS     21220889        21221056        .       -
        0       Parent=Smp_143700.1
SM_V9_5 Liftoff gene    21225961        21302121        .       +
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1;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_5 Liftoff exon    21225961        21227517        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21259468        21259853        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21262558        21262750        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21266974        21267150        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21267730        21268002        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21270170        21270237        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21275205        21275305        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21280776        21280886        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21286650        21286755        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21289333        21289444        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21290016        21290059        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21292796        21292823        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff exon    21299893        21302121        .       +
        .       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21227355        21227517        .       +
        0       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21259468        21259853        .       +
        2       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21262558        21262750        .       +
        0       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21266974        21267150        .       +
        2       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21267730        21268002        .       +
        2       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21270170        21270237        .       +
        2       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21275205        21275305        .       +
        0       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21280776        21280886        .       +
        1       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21286650        21286755        .       +
        1       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21289333        21289444        .       +
        0       Parent=Smp_143690.1
SM_V9_5 Liftoff CDS     21290016        21290059        .       +
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SM_V9_5 Liftoff CDS     21299893        21299921        .       +
        2       Parent=Smp_143690.1
SM_V9_5 Liftoff mRNA    21225961        21302121        .       +
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1;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_5 Liftoff exon    21225961        21227517        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21259468        21259853        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21262558        21262750        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21266974        21267150        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21267730        21268002        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21270170        21270237        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21275205        21275305        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21280776        21280886        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21286650        21286755        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21289333        21289444        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21290016        21290059        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff exon    21299893        21302121        .       +
        .       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21227355        21227517        .       +
        0       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21259468        21259853        .       +
        2       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21262558        21262750        .       +
        0       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21266974        21267150        .       +
        2       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21267730        21268002        .       +
        2       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21270170        21270237        .       +
        2       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21275205        21275305        .       +
        0       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21280776        21280886        .       +
        1       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21286650        21286755        .       +
        1       Parent=Smp_143690.2
SM_V9_5 Liftoff CDS     21289333        21289444        .       +
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        2       Parent=Smp_143690.2
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        0       Parent=Smp_143690.2
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        .
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ical protein
SM_V9_5 Liftoff exon    21396951        21399088        .       -
        .       Parent=Smp_192400.1
SM_V9_5 Liftoff CDS     21397837        21398922        .       -
        0       Parent=Smp_192400.1
SM_V9_5 Liftoff gene    21457889        21567958        .       -
        .
ID=Smp_343650;geneID=Smp_343650;previous_systematic_id=Smp_143680
SM_V9_5 Liftoff mRNA    21457889        21567958        .       -
        .
ID=Smp_343650.1;Parent=Smp_343650;geneID=Smp_343650;product=Laminin
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Pfam:PF00052,PF00053,PF00055
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21463204        21463373        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21464659        21464836        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21466471        21466593        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21468723        21469053        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21471686        21471707        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21472307        21472382        .       -
        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21481921        21482468        .       -
        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21487204        21487369        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21489443        21489798        .       -
        .       Parent=Smp_343650.1
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SM_V9_5 Liftoff exon    21498352        21499165        .       -
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21549466        21549584        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21551282        21551393        .       -
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SM_V9_5 Liftoff exon    21552386        21552472        .       -
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        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21563420        21563632        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21566136        21566364        .       -
        .       Parent=Smp_343650.1
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        .       Parent=Smp_343650.1
SM_V9_5 Liftoff exon    21567735        21567958        .       -
        .       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21457986        21458158        .       -
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SM_V9_5 Liftoff CDS     21460665        21460896        .       -
        0       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21463204        21463373        .       -
        2       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21464659        21464836        .       -
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SM_V9_5 Liftoff CDS     21466471        21466593        .       -
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SM_V9_5 Liftoff CDS     21468723        21469053        .       -
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SM_V9_5 Liftoff CDS     21471686        21471707        .       -
        2       Parent=Smp_343650.1
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SM_V9_5 Liftoff CDS     21487204        21487369        .       -
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SM_V9_5 Liftoff CDS     21502919        21503555        .       -
        0       Parent=Smp_343650.1
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SM_V9_5 Liftoff CDS     21509378        21509676        .       -
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SM_V9_5 Liftoff CDS     21510866        21510980        .       -
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SM_V9_5 Liftoff CDS     21515596        21515766        .       -
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SM_V9_5 Liftoff CDS     21517497        21517655        .       -
        0       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21518046        21518303        .       -
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SM_V9_5 Liftoff CDS     21519788        21519924        .       -
        2       Parent=Smp_343650.1
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SM_V9_5 Liftoff CDS     21535386        21535680        .       -
        1       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21536891        21537183        .       -
        0       Parent=Smp_343650.1
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        0       Parent=Smp_343650.1
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SM_V9_5 Liftoff CDS     21548319        21548477        .       -
        0       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21549466        21549584        .       -
        2       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21551282        21551393        .       -
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        0       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21559084        21559191        .       -
        0       Parent=Smp_343650.1
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        0       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21563420        21563632        .       -
        0       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21566136        21566364        .       -
        1       Parent=Smp_343650.1
SM_V9_5 Liftoff CDS     21567541        21567697        .       -
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SM_V9_5 Liftoff CDS     21567735        21567807        .       -
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SM_V9_5 Liftoff mRNA    21573292        21577837        .       +
        .
ID=Smp_143670.1;Parent=Smp_143670;geneID=Smp_143670;product=RNA
polymerase I-specific transcription initiation factor
RRN3;polypeptide_domain=InterPro:IPR007991 Pfam:PF05327
SM_V9_5 Liftoff exon    21573292        21577837        .       +
        .       Parent=Smp_143670.1
SM_V9_5 Liftoff CDS     21575837        21577708        .       +
        0       Parent=Smp_143670.1
SM_V9_5 Liftoff gene    21581417        21691702        .       -
        .
ID=Smp_343640;geneID=Smp_343640;previous_systematic_id=Smp_143650
SM_V9_5 Liftoff mRNA    21581417        21691702        .       -
        .
ID=Smp_343640.1;Parent=Smp_343640;geneID=Smp_343640;product=Midasin;
polypeptide_domain=InterPro:IPR002035,IPR003593,IPR011704,IPR012099,
IPR027417
Pfam:PF07728;Ontology_term=GO:0000027,GO:0005524,GO:0005634,GO:00168
87
SM_V9_5 Liftoff exon    21581417        21581781        .       -
        .       Parent=Smp_343640.1
SM_V9_5 Liftoff exon    21583356        21583565        .       -
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SM_V9_5 Liftoff exon    21585554        21585668        .       -
        .       Parent=Smp_343640.1
SM_V9_5 Liftoff exon    21587983        21588056        .       -
        .       Parent=Smp_343640.1
SM_V9_5 Liftoff exon    21589561        21589695        .       -
        .       Parent=Smp_343640.1
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SM_V9_5 Liftoff exon    21594718        21594888        .       -
        .       Parent=Smp_343640.1
SM_V9_5 Liftoff exon    21595819        21596124        .       -
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SM_V9_5 Liftoff exon    21597229        21597480        .       -
        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
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        .       Parent=Smp_343640.1
SM_V9_5 Liftoff exon    21628533        21628592        .       -
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SM_V9_5 Liftoff CDS     21670257        21670540        .       -
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SM_V9_5 Liftoff CDS     21684211        21684450        .       -
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SM_V9_5 Liftoff CDS     21691294        21691489        .       -
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SM_V9_5 Liftoff CDS     21691530        21691619        .       -
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SM_V9_5 Liftoff CDS     21691657        21691667        .       -
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        .
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SM_V9_5 iris    mRNA    21702346        21719788        .       +
        .
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        .       Parent=Smp_039490.1;Name=35d44723-ebf2-4093-ac0b-
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        .
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        .       Parent=Smp_039490.1;Name=58c43d99-7875-40e2-
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SM_V9_5 iris    exon    21711390        21711621        .       +
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SM_V9_5 iris    exon    21713783        21713935        .       +
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        .       Parent=Smp_039490.1;Name=d789729e-a302-42da-8463-
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SM_V9_5 iris    exon    21716641        21717132        .       +
        .       Parent=Smp_039490.1;Name=4db99118-4d53-45ef-
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SM_V9_5 iris    exon    21719186        21719788        .       +
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SM_V9_5 iris    CDS     21711390        21711621        .       +
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SM_V9_5 iris    CDS     21712236        21712435        .       +
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SM_V9_5 iris    CDS     21715586        21715680        .       +
        2       Parent=Smp_039490.1
SM_V9_5 iris    CDS     21716641        21717132        .       +
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SM_V9_5 Liftoff mRNA    21727303        21739621        .       -
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SM_V9_5 Liftoff exon    21729853        21730107        .       -
        .       Parent=Smp_143630.2
SM_V9_5 Liftoff exon    21732197        21732330        .       -
        .       Parent=Smp_143630.2
SM_V9_5 Liftoff exon    21739080        21739621        .       -
        .       Parent=Smp_143630.2
SM_V9_5 Liftoff CDS     21727438        21727745        .       -
        2       Parent=Smp_143630.2
SM_V9_5 Liftoff CDS     21729853        21730107        .       -
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SM_V9_5 Liftoff CDS     21732197        21732330        .       -
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SM_V9_5 Liftoff CDS     21739080        21739159        .       -
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SM_V9_5 Liftoff exon    21727367        21727745        .       -
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SM_V9_5 Liftoff exon    21729853        21730107        .       -
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SM_V9_5 Liftoff exon    21732197        21732330        .       -
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SM_V9_5 Liftoff CDS     21727438        21727745        .       -
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SM_V9_5 Liftoff CDS     21739080        21739159        .       -
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SM_V9_5 iris    exon    21761094        21761302        .       -
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        .
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        2       Parent=Smp_086760.1
SM_V9_5 iris    CDS     21761094        21761302        .       -
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SM_V9_5 iris    CDS     21762239        21762485        .       -
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SM_V9_5 iris    CDS     21762562        21762667        .       -
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SM_V9_5 iris    mRNA    21754762        21765602        .       -
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        .
ID=Smp_086750;geneID=Smp_086750;gene_name=Smp_086750;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    21775206        21798958        .       +
        .
ID=Smp_086750.1;Parent=Smp_086750;geneID=Smp_086750;gene_name=Smp_08
6750;owner=irisadmin@local.host;orig_id=Smp_086750.1;date_last_modif
ied=2022-08-18;Name=Smp_086750.1;product=Zinc finger protein 14
homolog;date_creation=2022-08-18
SM_V9_5 iris    exon    21775206        21775370        .       +
        .
Parent=Smp_086750.1;Name=a6ed56b4-090c-4602-84eb-01d3cc342fc7
SM_V9_5 iris    exon    21782518        21787063        .       +
        .       Parent=Smp_086750.1;Name=f7f55d9e-e4e2-49a2-
adf1-79c9e8418a78
SM_V9_5 iris    exon    21788959        21789249        .       +
        .
Parent=Smp_086750.1;Name=fa707e25-8d2d-470b-8803-29787d5b1381
SM_V9_5 iris    exon    21791712        21791939        .       +
        .       Parent=Smp_086750.1;Name=55adaa0c-1dfa-4cb7-85bc-
dd21d483f77b
SM_V9_5 iris    exon    21794839        21795270        .       +
        .       Parent=Smp_086750.1;Name=92af5d42-2c98-4733-bf58-
c8b143175be5
```

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SM_V9_5 iris    exon    21798433        21798958        .       +
        .       Parent=Smp_086750.1;Name=58e5fcc3-dd00-41f1-
a073-47ddc2ec8e4d
SM_V9_5 iris    CDS     21782537        21787063        .       +
        0       Parent=Smp_086750.1
SM_V9_5 iris    CDS     21788959        21789249        .       +
        0       Parent=Smp_086750.1
SM_V9_5 iris    CDS     21791712        21791939        .       +
        0       Parent=Smp_086750.1
SM_V9_5 iris    CDS     21794839        21795234        .       +
        0       Parent=Smp_086750.1
SM_V9_5 iris    gene    21805064        21805742        .       -
        .
ID=Smp_169340;geneID=Smp_169340;gene_name=Smp_169340;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_5 iris    mRNA    21805064        21805742        .       -
        .
ID=Smp_169340.1;Parent=Smp_169340;geneID=Smp_169340;gene_name=Smp_16
9340;owner=irisadmin@local.host;orig_id=Smp_169340.1;date_last_modif
ied=2022-08-01;Name=Smp_169340.1;product=Coiled-coil domain-
containing protein 58;date_creation=2022-07-29
SM_V9_5 iris    exon    21805064        21805257        .       -
        .
Parent=Smp_169340.1;Name=d4b14c40-7ab0-4439-9e3f-22cff5344f4a
SM_V9_5 iris    exon    21805293        21805445        .       -
        .       Parent=Smp_169340.1;Name=1952b1a3-cd47-4709-a9cd-
c6be9146b6d6
SM_V9_5 iris    exon    21805480        21805605        .       -
        .       Parent=Smp_169340.1;Name=959ae36f-1e7c-4ec0-90ab-
b0497307e39c
SM_V9_5 iris    exon    21805669        21805742        .       -
        .       Parent=Smp_169340.1;Name=6ac8ceca-e447-4312-9a2c-
f3239b0e5d3d
SM_V9_5 iris    CDS     21805126        21805257        .       -
        0       Parent=Smp_169340.1
SM_V9_5 iris    CDS     21805293        21805445        .       -
        0       Parent=Smp_169340.1
SM_V9_5 iris    CDS     21805480        21805605        .       -
        0       Parent=Smp_169340.1
SM_V9_5 iris    CDS     21805669        21805713        .       -
        0       Parent=Smp_169340.1
SM_V9_5 Liftoff gene    21812176        21846836        .       +
        .       ID=Smp_169330;geneID=Smp_169330
SM_V9_5 Liftoff mRNA    21812176        21846836        .       +
        .
ID=Smp_169330.1;Parent=Smp_169330;geneID=Smp_169330;product=Nuclear
pore complex protein
Nup155;polypeptide_domain=InterPro:IPR014908,IPR015943
Pfam:PF08801;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    21812176        21812358        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21812400        21812522        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21812558        21812654        .       +
```

```
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21812695        21812765        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21814334        21814544        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21815716        21815900        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21816169        21816364        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21817546        21817701        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21819251        21819700        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21821612        21822044        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21823353        21823769        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21826032        21826357        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21828547        21829012        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21830336        21830721        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21832871        21833177        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21833899        21834172        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21835653        21836011        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21839284        21839560        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff exon    21846191        21846836        .       +
        .       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21812238        21812358        .       +
        0       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21812400        21812522        .       +
        2       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21812558        21812654        .       +
        2       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21812695        21812765        .       +
        1       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21814334        21814544        .       +
        2       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21815716        21815900        .       +
        1       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21816169        21816364        .       +
        2       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21817546        21817701        .       +
        1       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21819251        21819700        .       +
        1       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21821612        21822044        .       +
        1       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21823353        21823769        .       +
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        0       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21826032        21826357        .       +
        0       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21828547        21829012        .       +
        1       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21830336        21830721        .       +
        0       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21832871        21833177        .       +
        1       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21833899        21834172        .       +
        0       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21835653        21836011        .       +
        2       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21839284        21839560        .       +
        0       Parent=Smp_169330.1
SM_V9_5 Liftoff CDS     21846191        21846663        .       +
        2       Parent=Smp_169330.1
SM_V9_5 Liftoff gene    21851531        21867042        .       -
        .       ID=Smp_169320;geneID=Smp_169320
SM_V9_5 Liftoff mRNA    21851531        21867042        .       -
        .
ID=Smp_169320.1;Parent=Smp_169320;geneID=Smp_169320;product=Probable
protein phosphatase
CG10417;polypeptide_domain=InterPro:IPR000222,IPR001932
Pfam:PF00481;Ontology_term=GO:0003824,GO:0043169
SM_V9_5 Liftoff exon    21851531        21852885        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff exon    21853145        21853459        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff exon    21854269        21854891        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff exon    21858544        21858566        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff exon    21859704        21859864        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff exon    21860990        21861130        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff exon    21861168        21861461        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff exon    21866876        21867042        .       -
        .       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21852460        21852885        .       -
        0       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21853145        21853459        .       -
        0       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21854269        21854891        .       -
        2       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21858544        21858566        .       -
        1       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21859704        21859864        .       -
        0       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21860990        21861130        .       -
        0       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21861168        21861461        .       -
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        0       Parent=Smp_169320.1
SM_V9_5 Liftoff CDS     21866876        21866986        .       -
        0       Parent=Smp_169320.1
SM_V9_5 Liftoff gene    21873800        21874108        .       +
        .       ID=Smp_169310;geneID=Smp_169310
SM_V9_5 Liftoff mRNA    21873800        21874108        .       +
        .
ID=Smp_169310.1;Parent=Smp_169310;geneID=Smp_169310;product=Genome
polyprotein
SM_V9_5 Liftoff exon    21873800        21874108        .       +
        .       Parent=Smp_169310.1
SM_V9_5 Liftoff CDS     21873800        21874108        .       +
        0       Parent=Smp_169310.1
SM_V9_5 iris    gene    21877776        21890189        .       +
        .
ID=Smp_086710;geneID=Smp_086710;gene_name=Smp_086710;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    21877776        21890189        .       +
        .
ID=Smp_086710.1;Parent=Smp_086710;geneID=Smp_086710;gene_name=Smp_08
6710;owner=irisadmin@local.host;orig_id=Smp_086710.1;date_last_modif
ied=2022-08-02;Name=Smp_086710.1;product=Peptidyl-tRNA hydrolase
ICT1, mitochondrial;date_creation=2022-08-02
SM_V9_5 iris    exon    21877776        21877878        .       +
        .       Parent=Smp_086710.1;Name=a204d6a7-1ec8-4ea2-
bab2-34c21069ff5b
SM_V9_5 iris    exon    21882929        21883082        .       +
        .       Parent=Smp_086710.1;Name=17ce8827-4ae1-4a3c-
bd70-1602c186836f
SM_V9_5 iris    exon    21883140        21883173        .       +
        .       Parent=Smp_086710.1;Name=50e09077-2cf2-41f3-b097-
ba5fe0833d10
SM_V9_5 iris    exon    21883222        21883281        .       +
        .       Parent=Smp_086710.1;Name=8fa5ee29-7df7-42a8-a9d5-
b95f6ec5a934
SM_V9_5 iris    exon    21886385        21886467        .       +
        .       Parent=Smp_086710.1;Name=ae580c69-
eb62-47c5-9f4f-50ccd9ec44cd
SM_V9_5 iris    exon    21886517        21886692        .       +
        .       Parent=Smp_086710.1;Name=16ab4cb6-5795-41f8-
b2fa-33f73f530d1f
SM_V9_5 iris    exon    21889985        21890189        .       +
        .       Parent=Smp_086710.1;Name=b1e737c4-c89d-41cd-9403-
c95951678494
SM_V9_5 iris    CDS     21882933        21883082        .       +
        0       Parent=Smp_086710.1
SM_V9_5 iris    CDS     21883140        21883173        .       +
        0       Parent=Smp_086710.1
SM_V9_5 iris    CDS     21883222        21883281        .       +
        2       Parent=Smp_086710.1
SM_V9_5 iris    CDS     21886385        21886467        .       +
        2       Parent=Smp_086710.1
SM_V9_5 iris    CDS     21886517        21886692        .       +
        0       Parent=Smp_086710.1
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SM_V9_5 iris    CDS     21889985        21890081        .       +
        1       Parent=Smp_086710.1
SM_V9_5 iris    gene    21892874        21895946        .       +
        .
ID=Smp_330830;geneID=Smp_330830;gene_name=Smp_330830;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    21892874        21895946        .       +
        .
ID=Smp_330830.1;Parent=Smp_330830;geneID=Smp_330830;gene_name=Smp_33
0830;owner=irisadmin@local.host;orig_id=Smp_330830.1;date_last_modif
ied=2022-08-02;Name=Smp_330830.1;product=Uncharacterized protein
T09A5.7;date_creation=2022-08-02
SM_V9_5 iris    exon    21892874        21892952        .       +
        .       Parent=Smp_330830.1;Name=b54396ce-b5ab-4921-
bf2d-7903fd6bcc64
SM_V9_5 iris    exon    21895524        21895946        .       +
        .       Parent=Smp_330830.1;Name=504c1db9-4247-4788-91d2-
e02794ebeded
SM_V9_5 iris    CDS     21895534        21895875        .       +
        0       Parent=Smp_330830.1
SM_V9_5 Liftoff gene    21901978        21916708        .       -
        .       ID=Smp_169300;geneID=Smp_169300
SM_V9_5 Liftoff mRNA    21901978        21916708        .       -
        .
ID=Smp_169300.1;Parent=Smp_169300;geneID=Smp_169300;product=Transcri
ption initiation factor TFIID subunit
7;polypeptide_domain=InterPro:IPR006751
Pfam:PF04658;Ontology_term=GO:0005669,GO:0006367
SM_V9_5 Liftoff exon    21901978        21905578        .       -
        .       Parent=Smp_169300.1
SM_V9_5 Liftoff exon    21906869        21907158        .       -
        .       Parent=Smp_169300.1
SM_V9_5 Liftoff exon    21910512        21910678        .       -
        .       Parent=Smp_169300.1
SM_V9_5 Liftoff exon    21912967        21913134        .       -
        .       Parent=Smp_169300.1
SM_V9_5 Liftoff exon    21914642        21914901        .       -
        .       Parent=Smp_169300.1
SM_V9_5 Liftoff exon    21916539        21916708        .       -
        .       Parent=Smp_169300.1
SM_V9_5 Liftoff CDS     21905036        21905578        .       -
        0       Parent=Smp_169300.1
SM_V9_5 Liftoff CDS     21906869        21907158        .       -
        2       Parent=Smp_169300.1
SM_V9_5 Liftoff CDS     21910512        21910678        .       -
        1       Parent=Smp_169300.1
SM_V9_5 Liftoff CDS     21912967        21913134        .       -
        1       Parent=Smp_169300.1
SM_V9_5 Liftoff CDS     21914642        21914901        .       -
        0       Parent=Smp_169300.1
SM_V9_5 Liftoff CDS     21916539        21916661        .       -
        0       Parent=Smp_169300.1
SM_V9_5 Liftoff gene    21930056        21951821        .       +
        .       ID=Smp_086690;geneID=Smp_086690
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SM_V9_5 Liftoff mRNA    21930056        21951821        .       +
        .
ID=Smp_086690.1;Parent=Smp_086690;geneID=Smp_086690;product=Dual
specificity mitogen-activated protein kinase kinase 2
(Fragment);polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009
,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_5 Liftoff exon    21930056        21931988        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff exon    21932129        21932189        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff exon    21933123        21933230        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff exon    21937003        21937242        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff exon    21942297        21942348        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff exon    21945115        21945242        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff exon    21948179        21948550        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff exon    21951000        21951821        .       +
        .       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21931918        21931988        .       +
        0       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21932129        21932189        .       +
        1       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21933123        21933230        .       +
        0       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21937003        21937242        .       +
        0       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21942297        21942348        .       +
        0       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21945115        21945242        .       +
        2       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21948179        21948550        .       +
        0       Parent=Smp_086690.1
SM_V9_5 Liftoff CDS     21951000        21951122        .       +
        0       Parent=Smp_086690.1
SM_V9_5 iris    gene    21965946        21987506        .       -
        .
ID=Smp_169290;geneID=Smp_169290;gene_name=Smp_169290;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    21965946        21987506        .       -
        .
ID=Smp_169290.1;Parent=Smp_169290;geneID=Smp_169290;gene_name=Smp_16
9290;owner=irisadmin@local.host;orig_id=Smp_169290.2;date_last_modif
ied=2022-07-17;Name=Smp_169290.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    21965946        21969561        .       -
        .       Parent=Smp_169290.1;Name=8b258689-9716-4e94-9670-
e31e5aec3ac1
SM_V9_5 iris    exon    21972298        21972501        .       -
        .       Parent=Smp_169290.1;Name=56fa83b8-cbc3-44a4-ac9c-
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d43d6e991cdf
SM_V9_5 iris    exon    21973618        21973696        .       -
        .       Parent=Smp_169290.1;Name=2acb6b15-bd7b-49f6-b66b-
f435140be939
SM_V9_5 iris    exon    21975744        21976079        .       -
        .
Parent=Smp_169290.1;Name=fbfa1167-76f6-48ac-8bbe-9d296313e1d4
SM_V9_5 iris    exon    21979120        21979626        .       -
        .       Parent=Smp_169290.1;Name=cca4c43c-c0d4-46b1-92ec-
e908b53170f8
SM_V9_5 iris    exon    21981500        21981805        .       -
        .       Parent=Smp_169290.1;Name=82ff2810-54fd-443d-
bbe8-515b22412b34
SM_V9_5 iris    exon    21983277        21983539        .       -
        .       Parent=Smp_169290.1;Name=adf2c815-4846-4192-
a9d9-01eb7ba339cf
SM_V9_5 iris    exon    21984311        21984640        .       -
        .       Parent=Smp_169290.1;Name=90b535cd-b090-4c63-8cfb-
bf51e4b2f9e0
SM_V9_5 iris    exon    21987278        21987506        .       -
        .       Parent=Smp_169290.1;Name=3a41d264-45a3-4993-87e8-
fada0a7080c0
SM_V9_5 iris    CDS     21966521        21969561        .       -
        2       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21972298        21972501        .       -
        2       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21973618        21973696        .       -
        0       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21975744        21976079        .       -
        0       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21979120        21979626        .       -
        0       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21981500        21981805        .       -
        0       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21983277        21983539        .       -
        2       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21984311        21984640        .       -
        2       Parent=Smp_169290.1
SM_V9_5 iris    CDS     21987278        21987380        .       -
        0       Parent=Smp_169290.1
SM_V9_5 Liftoff gene    22006197        22010886        .       -
        .
ID=Smp_336250;geneID=Smp_336250;previous_systematic_id=Smp_102070
SM_V9_5 Liftoff mRNA    22006197        22010886        .       -
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one S-transferase class-mu 26 kDa isozyme;evidence=Traceable Author
Statement;literature=PMID:1775156
PMID:19606141;polypeptide_domain=InterPro:IPR004045,IPR004046,IPR010
987,IPR012336 Pfam:PF02798,PF14497;Ontology_term=GO:0005515
SM_V9_5 Liftoff exon    22006197        22006385        .       -
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SM_V9_5 Liftoff exon    22006470        22006580        .       -
        .       Parent=Smp_336250.1
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SM_V9_5 Liftoff exon    22007647        22007742        .       -
        .       Parent=Smp_336250.1
SM_V9_5 Liftoff exon    22007775        22007875        .       -
        .       Parent=Smp_336250.1
SM_V9_5 Liftoff exon    22007908        22007989        .       -
        .       Parent=Smp_336250.1
SM_V9_5 Liftoff exon    22008029        22008154        .       -
        .       Parent=Smp_336250.1
SM_V9_5 Liftoff exon    22010776        22010886        .       -
        .       Parent=Smp_336250.1
SM_V9_5 Liftoff CDS     22006281        22006385        .       -
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SM_V9_5 Liftoff CDS     22006470        22006580        .       -
        0       Parent=Smp_336250.1
SM_V9_5 Liftoff CDS     22007647        22007742        .       -
        0       Parent=Smp_336250.1
SM_V9_5 Liftoff CDS     22007775        22007875        .       -
        2       Parent=Smp_336250.1
SM_V9_5 Liftoff CDS     22007908        22007989        .       -
        0       Parent=Smp_336250.1
SM_V9_5 Liftoff CDS     22008029        22008154        .       -
        0       Parent=Smp_336250.1
SM_V9_5 Liftoff CDS     22010776        22010811        .       -
        0       Parent=Smp_336250.1
SM_V9_5 Liftoff gene    22041996        22068466        .       +
        .       ID=Smp_169280;geneID=Smp_169280
SM_V9_5 Liftoff mRNA    22041996        22068466        .       +
        .
ID=Smp_169280.1;Parent=Smp_169280;geneID=Smp_169280;product=GTP-
binding protein
1;polypeptide_domain=InterPro:IPR000795,IPR009000,IPR009001,IPR02741
7,IPR035531 Pfam:PF00009;Ontology_term=GO:0003924,GO:0005525
SM_V9_5 Liftoff exon    22041996        22050812        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff exon    22052979        22053087        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff exon    22055541        22056027        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff exon    22057140        22057386        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff exon    22060608        22060900        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff exon    22063063        22063456        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff exon    22065645        22065924        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff exon    22067376        22068466        .       +
        .       Parent=Smp_169280.1
SM_V9_5 Liftoff CDS     22050771        22050812        .       +
        0       Parent=Smp_169280.1
SM_V9_5 Liftoff CDS     22052979        22053087        .       +
        0       Parent=Smp_169280.1
SM_V9_5 Liftoff CDS     22055541        22056027        .       +
        2       Parent=Smp_169280.1
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SM_V9_5 Liftoff CDS     22057140        22057386        .       +
        1       Parent=Smp_169280.1
SM_V9_5 Liftoff CDS     22060608        22060900        .       +
        0       Parent=Smp_169280.1
SM_V9_5 Liftoff CDS     22063063        22063456        .       +
        1       Parent=Smp_169280.1
SM_V9_5 Liftoff CDS     22065645        22065924        .       +
        0       Parent=Smp_169280.1
SM_V9_5 Liftoff CDS     22067376        22067716        .       +
        2       Parent=Smp_169280.1
SM_V9_5 Liftoff gene    22073147        22073878        .       -
        .       ID=Smp_330840;geneID=Smp_330840
SM_V9_5 Liftoff mRNA    22073147        22073878        .       -
        .
ID=Smp_330840.1;Parent=Smp_330840;geneID=Smp_330840;product=tRNA
dimethylallyltransferase
SM_V9_5 Liftoff exon    22073147        22073878        .       -
        .       Parent=Smp_330840.1
SM_V9_5 Liftoff CDS     22073470        22073691        .       -
        0       Parent=Smp_330840.1
SM_V9_5 Liftoff gene    22091496        22113349        .       +
        .       ID=Smp_210120;geneID=Smp_210120
SM_V9_5 Liftoff mRNA    22091496        22113349        .       +
        .
ID=Smp_210120.1;Parent=Smp_210120;geneID=Smp_210120;product=Homeobox
protein
SIX2;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR03
1701
Pfam:PF00046,PF16878;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_5 Liftoff exon    22091496        22092935        .       +
        .       Parent=Smp_210120.1
SM_V9_5 Liftoff exon    22111417        22113349        .       +
        .       Parent=Smp_210120.1
SM_V9_5 Liftoff CDS     22091671        22092935        .       +
        0       Parent=Smp_210120.1
SM_V9_5 Liftoff CDS     22111417        22112800        .       +
        1       Parent=Smp_210120.1
SM_V9_5 iris    gene    22125915        22188301        .       +
        .
ID=Smp_210130;geneID=Smp_210130;gene_name=Smp_210130;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    22125915        22188301        .       +
        .
ID=Smp_210130.1;Parent=Smp_210130;geneID=Smp_210130;gene_name=Smp_21
0130;owner=irisadmin@local.host;orig_id=Smp_210130.4;date_last_modif
ied=2022-07-17;Name=Smp_210130.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_5 iris    exon    22125915        22126030        .       +
        .
Parent=Smp_210130.1;Name=5b50096b-28bc-4abd-888f-05a4861cdb03
SM_V9_5 iris    exon    22127842        22128433        .       +
        .       Parent=Smp_210130.1;Name=ea6d8f1c-d537-42bc-9bf6-
ab976f7d538e
SM_V9_5 iris    exon    22129124        22129244        .       +
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        .       Parent=Smp_210130.1;Name=98c27b71-
a986-41e2-9e4a-4429bf9253f1
SM_V9_5 iris    exon    22133693        22133956        .       +
        .       Parent=Smp_210130.1;Name=acd81dac-9783-448f-
a305-4f87ff04d371
SM_V9_5 iris    exon    22135813        22135855        .       +
        .       Parent=Smp_210130.1;Name=3e4eba7a-672e-4a0e-
ac59-30ade6c98dba
SM_V9_5 iris    exon    22140076        22140155        .       +
        .
Parent=Smp_210130.1;Name=88e5e728-1b57-47e3-8116-1fb731e9a4e9
SM_V9_5 iris    exon    22148099        22148146        .       +
        .       Parent=Smp_210130.1;Name=d5e79d84-550b-4413-
a244-23d7ccf867ac
SM_V9_5 iris    exon    22153575        22153635        .       +
        .       Parent=Smp_210130.1;Name=ef28cf30-67cf-41ce-90e1-
fa561a34bf01
SM_V9_5 iris    exon    22155342        22155398        .       +
        .       Parent=Smp_210130.1;Name=2c5ebac0-a47e-456d-a061-
b0b7f66f203f
SM_V9_5 iris    exon    22157906        22158065        .       +
        .       Parent=Smp_210130.1;Name=a0b0f73f-
bef9-4cfd-9642-8b92f1c7ad2c
SM_V9_5 iris    exon    22160198        22160442        .       +
        .
Parent=Smp_210130.1;Name=9b1dfbb9-0657-4188-8ee2-94b932ba1d80
SM_V9_5 iris    exon    22164608        22164691        .       +
        .       Parent=Smp_210130.1;Name=653029ce-c70a-4bcd-
a714-271e210c2251
SM_V9_5 iris    exon    22167085        22167310        .       +
        .       Parent=Smp_210130.1;Name=c4d94511-
c2f8-4a35-8d75-88405916aafe
SM_V9_5 iris    exon    22168608        22168664        .       +
        .       Parent=Smp_210130.1;Name=f059646e-2098-4375-88ee-
b2ff055acf81
SM_V9_5 iris    exon    22171392        22171581        .       +
        .       Parent=Smp_210130.1;Name=b2012f0a-5462-4973-84b2-
f2688ee56f2e
SM_V9_5 iris    exon    22173865        22173996        .       +
        .       Parent=Smp_210130.1;Name=65141657-af15-4c2a-beeb-
f8315450862e
SM_V9_5 iris    exon    22175789        22175996        .       +
        .       Parent=Smp_210130.1;Name=83a6b7f5-aca3-4a7e-9722-
e35a684b4972
SM_V9_5 iris    exon    22180048        22180434        .       +
        .       Parent=Smp_210130.1;Name=163273fb-cc46-4cbe-
b05a-83199956f80c
SM_V9_5 iris    exon    22181390        22181724        .       +
        .       Parent=Smp_210130.1;Name=a2aacdfa-a5d3-420c-b9af-
c67ab4f68707
SM_V9_5 iris    exon    22182611        22182742        .       +
        .       Parent=Smp_210130.1;Name=921c0826-426b-4548-
be95-0fdd12fe2fbc
SM_V9_5 iris    exon    22184028        22184135        .       +
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        .       Parent=Smp_210130.1;Name=c44f4db4-7f31-419d-
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SM_V9_5 iris    exon    22185552        22185689        .       +
        .
Parent=Smp_210130.1;Name=45c49c6c-5c99-4112-8194-25113a87d7cd
SM_V9_5 iris    exon    22187373        22188301        .       +
        .       Parent=Smp_210130.1;Name=b1e437b8-b93a-4050-bdb6-
d059d2e1d871
SM_V9_5 iris    CDS     22128020        22128433        .       +
        0       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22129124        22129244        .       +
        0       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22133693        22133956        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22135813        22135855        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22140076        22140155        .       +
        1       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22148099        22148146        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22153575        22153635        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22155342        22155398        .       +
        1       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22157906        22158065        .       +
        1       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22160198        22160442        .       +
        0       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22164608        22164691        .       +
        1       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22167085        22167310        .       +
        1       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22168608        22168664        .       +
        0       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22171392        22171581        .       +
        0       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22173865        22173996        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22175789        22175996        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22180048        22180434        .       +
        1       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22181390        22181724        .       +
        1       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22182611        22182742        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22184028        22184135        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22185552        22185689        .       +
        2       Parent=Smp_210130.1
SM_V9_5 iris    CDS     22187373        22187464        .       +
        2       Parent=Smp_210130.1
SM_V9_5 Liftoff gene    22230211        22230546        .       +
        .       ID=Smp_178300;geneID=Smp_178300
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SM_V9_5 Liftoff mRNA    22230211        22230546        .       +
        .
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ical protein
SM_V9_5 Liftoff exon    22230211        22230546        .       +
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SM_V9_5 Liftoff CDS     22230211        22230546        .       +
        0       Parent=Smp_178300.1
SM_V9_5 iris    gene    22243106        22247232        .       -
        .
ID=Smp_334650;geneID=Smp_334650;gene_name=Smp_334650;owner=irisadmin
@local.host;date_last_modified=2022-11-12;date_creation=2022-11-12
SM_V9_5 iris    mRNA    22243106        22247232        .       -
        .
ID=Smp_334650.1;Parent=Smp_334650;geneID=Smp_334650;gene_name=Smp_33
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ied=2022-11-12;Name=Smp_334650.1;product=Hypothetical
protein;date_creation=2022-11-12
SM_V9_5 iris    exon    22243106        22243853        .       -
        .
Parent=Smp_334650.1;Name=3c9591e4-3230-4d0e-845e-33061bdb246e
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f08bcf9acbc1
SM_V9_5 iris    exon    22247022        22247232        .       -
        .       Parent=Smp_334650.1;Name=a22f3a8a-7c24-4d44-
b58b-29e86302dabd
SM_V9_5 iris    CDS     22243849        22243853        .       -
        2       Parent=Smp_334650.1
SM_V9_5 iris    CDS     22245546        22245825        .       -
        0       Parent=Smp_334650.1
SM_V9_5 iris    CDS     22247022        22247216        .       -
        0       Parent=Smp_334650.1
SM_V9_5 Liftoff gene    22309672        22322741        .       -
        .       ID=Smp_103380;geneID=Smp_103380
SM_V9_5 Liftoff mRNA    22309672        22322741        .       -
        .
ID=Smp_103380.1;Parent=Smp_103380;geneID=Smp_103380;product=FAD-
linked sulfhydryl oxidase ALR;polypeptide_domain=InterPro:IPR017905
Pfam:PF04777;Ontology_term=GO:0016972,GO:0055114
SM_V9_5 Liftoff exon    22309672        22310051        .       -
        .       Parent=Smp_103380.1
SM_V9_5 Liftoff exon    22313684        22313857        .       -
        .       Parent=Smp_103380.1
SM_V9_5 Liftoff exon    22322553        22322741        .       -
        .       Parent=Smp_103380.1
SM_V9_5 Liftoff CDS     22309870        22310051        .       -
        2       Parent=Smp_103380.1
SM_V9_5 Liftoff CDS     22313684        22313857        .       -
        2       Parent=Smp_103380.1
SM_V9_5 Liftoff CDS     22322553        22322703        .       -
        0       Parent=Smp_103380.1
SM_V9_5 Liftoff gene    22354465        22363959        .       +
        .       ID=Smp_330850;geneID=Smp_330850
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n
SM_V9_5 Liftoff exon    22354465        22354616        .       +
       .       Parent=Smp_330850.1
SM_V9_5 Liftoff exon    22355477        22355578        .       +
       .       Parent=Smp_330850.1
SM_V9_5 Liftoff exon    22358283        22358369        .       +
       .       Parent=Smp_330850.1
SM_V9_5 Liftoff exon    22359204        22359293        .       +
       .       Parent=Smp_330850.1
SM_V9_5 Liftoff exon    22361996        22362085        .       +
       .       Parent=Smp_330850.1
SM_V9_5 Liftoff exon    22363732        22363959        .       +
       .       Parent=Smp_330850.1
SM_V9_5 Liftoff CDS     22354499        22354616        .       +
       0       Parent=Smp_330850.1
SM_V9_5 Liftoff CDS     22355477        22355578        .       +
       2       Parent=Smp_330850.1
SM_V9_5 Liftoff CDS     22358283        22358369        .       +
       2       Parent=Smp_330850.1
SM_V9_5 Liftoff CDS     22359204        22359293        .       +
       2       Parent=Smp_330850.1
SM_V9_5 Liftoff CDS     22361996        22362085        .       +
       2       Parent=Smp_330850.1
SM_V9_5 Liftoff CDS     22363732        22363805        .       +
       2       Parent=Smp_330850.1
SM_V9_5 Liftoff gene    22426996        22435790        .       +
       .
ID=Smp_332140;geneID=Smp_332140;previous_systematic_id=Smp_172940
SM_V9_5 Liftoff mRNA    22426996        22435790        .       +
       .
ID=Smp_332140.1;Parent=Smp_332140;geneID=Smp_332140;product=Vacuolar
amino acid transporter 2
SM_V9_5 Liftoff exon    22426996        22429938        .       +
       .       Parent=Smp_332140.1
SM_V9_5 Liftoff exon    22435570        22435790        .       +
       .       Parent=Smp_332140.1
SM_V9_5 Liftoff CDS     22429659        22429938        .       +
       0       Parent=Smp_332140.1
SM_V9_5 Liftoff CDS     22435570        22435673        .       +
       2       Parent=Smp_332140.1
SM_V9_5 Liftoff gene    22445131        22501572        .       -
       .
ID=Smp_212490;geneID=Smp_212490;previous_systematic_id=Smp_133410,Sm
p_172920,Smp_172930,Smp_178580
SM_V9_5 Liftoff mRNA    22445131        22501572        .       -
       .
ID=Smp_212490.1;Parent=Smp_212490;geneID=Smp_212490;product=Protein
transport protein
Sec31A;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;Ont
ology_term=GO:0005515
SM_V9_5 Liftoff exon    22445131        22445964        .       -
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        .       Parent=Smp_212490.1
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        .       Parent=Smp_212490.1
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        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22451196        22451510        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22454163        22454467        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22456513        22456860        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22459265        22459452        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22461502        22461920        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22464978        22465074        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22466747        22466822        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22468477        22468941        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22470447        22470509        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22471518        22472068        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22476673        22477114        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22479250        22479387        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22481946        22482041        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22483469        22483826        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22490893        22490985        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff exon    22493675        22501572        .       -
        .       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22445674        22445964        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22447693        22448439        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22449348        22449648        .       -
        1       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22451196        22451510        .       -
        1       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22454163        22454467        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22456513        22456860        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22459265        22459452        .       -
        2       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22461502        22461920        .       -
        1       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22464978        22465074        .       -
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        2       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22466747        22466822        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22468477        22468941        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22470447        22470509        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22471518        22472068        .       -
        2       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22476673        22477114        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22479250        22479387        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22481946        22482041        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22483469        22483826        .       -
        1       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22490893        22490985        .       -
        1       Parent=Smp_212490.1
SM_V9_5 Liftoff CDS     22493675        22493802        .       -
        0       Parent=Smp_212490.1
SM_V9_5 Liftoff gene    22511852        22536663        .       +
        .       ID=Smp_133420;geneID=Smp_133420
SM_V9_5 Liftoff mRNA    22511852        22536663        .       +
        .
ID=Smp_133420.1;Parent=Smp_133420;geneID=Smp_133420;product=Tau-
tubulin kinase homolog
Asator;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_5 Liftoff exon    22511852        22512331        .       +
        .       Parent=Smp_133420.1
SM_V9_5 Liftoff exon    22527800        22528210        .       +
        .       Parent=Smp_133420.1
SM_V9_5 Liftoff exon    22530515        22536663        .       +
        .       Parent=Smp_133420.1
SM_V9_5 Liftoff CDS     22512041        22512331        .       +
        0       Parent=Smp_133420.1
SM_V9_5 Liftoff CDS     22527800        22528210        .       +
        0       Parent=Smp_133420.1
SM_V9_5 Liftoff CDS     22530515        22534210        .       +
        0       Parent=Smp_133420.1
SM_V9_5 iris    gene    22561960        22590362        .       -
        .
ID=Smp_330860;geneID=Smp_330860;gene_name=Smp_330860;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    22561960        22590362        .       -
        .
ID=Smp_330860.1;Parent=Smp_330860;geneID=Smp_330860;gene_name=Smp_33
0860;owner=irisadmin@local.host;orig_id=Smp_330860.1;date_last_modif
ied=2022-07-17;Name=Smp_330860.1;product=Dynein heavy chain,
cytoplasmic;date_creation=2022-07-17
SM_V9_5 iris    exon    22561960        22562069        .       -
        .       Parent=Smp_330860.1;Name=b8e4bcb3-7479-416e-b540-
ab916ddcb17b
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SM_V9_5 iris    exon    22563835        22563891        .       -
        .       Parent=Smp_330860.1;Name=05fad053-
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SM_V9_5 iris    exon    22570960        22571049        .       -
        .       Parent=Smp_330860.1;Name=f5be4d72-ece1-4e90-95cb-
f7aaecd947d5
SM_V9_5 iris    exon    22571993        22572058        .       -
        .       Parent=Smp_330860.1;Name=c477a1f8-872d-4c08-
b315-383ee77c8cfa
SM_V9_5 iris    exon    22572199        22572237        .       -
        .       Parent=Smp_330860.1;Name=5a777cb0-d843-483a-bfc6-
fd146a5b5978
SM_V9_5 iris    exon    22573131        22573187        .       -
        .       Parent=Smp_330860.1;Name=018484e2-c725-4760-
a239-2289e1e9cd9e
SM_V9_5 iris    exon    22573237        22573284        .       -
        .       Parent=Smp_330860.1;Name=940538d0-
e3ae-492c-9c07-97d58d1907db
SM_V9_5 iris    exon    22574206        22574268        .       -
        .
Parent=Smp_330860.1;Name=e331c2ab-0313-4a24-89e3-4a13f76beb93
SM_V9_5 iris    exon    22575750        22575803        .       -
        .
Parent=Smp_330860.1;Name=55e0f1f2-3046-4f59-9cdb-3cfe28f3d87e
SM_V9_5 iris    exon    22579371        22579427        .       -
        .
Parent=Smp_330860.1;Name=a5e510af-2122-41ac-9f89-8fb86d2f09be
SM_V9_5 iris    exon    22580740        22580829        .       -
        .       Parent=Smp_330860.1;Name=95635f9d-ea12-4b34-
a465-22ad01be5d1c
SM_V9_5 iris    exon    22581773        22581838        .       -
        .       Parent=Smp_330860.1;Name=0d2bca56-619d-4874-
aa89-971777a19edc
SM_V9_5 iris    exon    22581979        22582017        .       -
        .       Parent=Smp_330860.1;Name=b3dc9f56-cd67-4981-
b0f0-02cc46f86fc8
SM_V9_5 iris    exon    22582911        22582967        .       -
        .       Parent=Smp_330860.1;Name=4d022527-2bbc-4f67-b085-
c22ef9e7faaa
SM_V9_5 iris    exon    22583017        22583064        .       -
        .       Parent=Smp_330860.1;Name=bb8b4dc7-
f0fc-4c69-80bf-156a9a438860
SM_V9_5 iris    exon    22586505        22586558        .       -
        .       Parent=Smp_330860.1;Name=b551be30-
d781-47a3-93b0-797897704d41
SM_V9_5 iris    exon    22590261        22590362        .       -
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Parent=Smp_330860.1;Name=5aff1bb1-227b-4db3-8bd5-9ed9840ec55f
SM_V9_5 iris    CDS     22562059        22562069        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22563835        22563891        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22570960        22571049        .       -
        2       Parent=Smp_330860.1
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SM_V9_5 iris    CDS     22571993        22572058        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22572199        22572237        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22573131        22573187        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22573237        22573284        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22574206        22574268        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22575750        22575803        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22579371        22579427        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22580740        22580829        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22581773        22581838        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22581979        22582017        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22582911        22582967        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22583017        22583064        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22586505        22586558        .       -
        2       Parent=Smp_330860.1
SM_V9_5 iris    CDS     22590261        22590327        .       -
        0       Parent=Smp_330860.1
SM_V9_5 Liftoff gene    22615787        22624281        .       +
        .
ID=Smp_342770;geneID=Smp_342770;previous_systematic_id=Smp_133430
SM_V9_5 Liftoff mRNA    22615787        22624281        .       +
        .
ID=Smp_342770.1;Parent=Smp_342770;geneID=Smp_342770;product=Protein
spire
SM_V9_5 Liftoff exon    22615787        22615875        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22617219        22617275        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22618414        22618476        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22618874        22618921        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22618972        22619028        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22619814        22619852        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22619932        22619997        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22620440        22620499        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22621786        22621854        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22622857        22622913        .       +
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        .       Parent=Smp_342770.1
SM_V9_5 Liftoff exon    22624212        22624281        .       +
        .       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22615806        22615875        .       +
        0       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22617219        22617275        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22618414        22618476        .       +
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SM_V9_5 Liftoff CDS     22618874        22618921        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22618972        22619028        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22619814        22619852        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22619932        22619997        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22620440        22620499        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22621786        22621854        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22622857        22622913        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff CDS     22624212        22624213        .       +
        2       Parent=Smp_342770.1
SM_V9_5 Liftoff gene    22629640        22640848        .       -
        .
ID=Smp_266900;geneID=Smp_266900;previous_systematic_id=Smp_133440
SM_V9_5 Liftoff mRNA    22629640        22640848        .       -
        .
ID=Smp_266900.1;Parent=Smp_266900;geneID=Smp_266900;product=Methyltr
ansferase-like protein 25;polypeptide_domain=InterPro:IPR025714
Pfam:PF13679
SM_V9_5 Liftoff exon    22629640        22630402        .       -
        .       Parent=Smp_266900.1
SM_V9_5 Liftoff exon    22631499        22631655        .       -
        .       Parent=Smp_266900.1
SM_V9_5 Liftoff exon    22636898        22637171        .       -
        .       Parent=Smp_266900.1
SM_V9_5 Liftoff exon    22638806        22639424        .       -
        .       Parent=Smp_266900.1
SM_V9_5 Liftoff exon    22640595        22640848        .       -
        .       Parent=Smp_266900.1
SM_V9_5 Liftoff CDS     22629710        22630402        .       -
        0       Parent=Smp_266900.1
SM_V9_5 Liftoff CDS     22631499        22631655        .       -
        1       Parent=Smp_266900.1
SM_V9_5 Liftoff CDS     22636898        22637171        .       -
        2       Parent=Smp_266900.1
SM_V9_5 Liftoff CDS     22638806        22639424        .       -
        0       Parent=Smp_266900.1
SM_V9_5 Liftoff CDS     22640595        22640798        .       -
        0       Parent=Smp_266900.1
SM_V9_5 Liftoff gene    22645557        22649588        .       -
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        .
ID=Smp_266890;geneID=Smp_266890;previous_systematic_id=Smp_133440
SM_V9_5 Liftoff mRNA    22645557        22649588        .       -
        .
ID=Smp_266890.1;Parent=Smp_266890;geneID=Smp_266890;product=Phosphat
idylinositol-glycan biosynthesis class F
protein;polypeptide_domain=InterPro:IPR009580
Pfam:PF06699;Ontology_term=GO:0005789,GO:0006506,GO:0016021
SM_V9_5 Liftoff exon    22645557        22645939        .       -
        .       Parent=Smp_266890.1
SM_V9_5 Liftoff exon    22649282        22649395        .       -
        .       Parent=Smp_266890.1
SM_V9_5 Liftoff exon    22649435        22649588        .       -
        .       Parent=Smp_266890.1
SM_V9_5 Liftoff CDS     22645678        22645939        .       -
        1       Parent=Smp_266890.1
SM_V9_5 Liftoff CDS     22649282        22649395        .       -
        1       Parent=Smp_266890.1
SM_V9_5 Liftoff CDS     22649435        22649532        .       -
        0       Parent=Smp_266890.1
SM_V9_5 iris    gene    22654623        22678084        .       -
        .
ID=Smp_133450;geneID=Smp_133450;gene_name=Smp_133450;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-17
SM_V9_5 iris    mRNA    22654623        22678084        .       -
        .
ID=Smp_133450.1;Parent=Smp_133450;geneID=Smp_133450;gene_name=Smp_13
3450;owner=irisadmin@local.host;orig_id=Smp_133450.1;date_last_modif
ied=2022-08-18;Name=Smp_133450.1;product=Dual specificity protein
phosphatase 15;date_creation=2022-07-17
SM_V9_5 iris    exon    22654623        22655263        .       -
        .       Parent=Smp_133450.1;Name=bb58c72c-937a-48b3-93f7-
a183306f265e
SM_V9_5 iris    exon    22656366        22656439        .       -
        .       Parent=Smp_133450.1;Name=d8c29017-ee43-40e0-
add0-3f195256fe08
SM_V9_5 iris    exon    22659512        22659992        .       -
        .       Parent=Smp_133450.1;Name=f98714b2-3e3f-475e-
a5fc-1c974602c309
SM_V9_5 iris    exon    22665697        22666039        .       -
        .       Parent=Smp_133450.1;Name=828289e9-d22f-44bb-950a-
e4ccd6a61446
SM_V9_5 iris    exon    22668831        22668961        .       -
        .
Parent=Smp_133450.1;Name=9bd34420-4ab5-44c0-92d6-47bd13b442e7
SM_V9_5 iris    exon    22675466        22675610        .       -
        .       Parent=Smp_133450.1;Name=01d5e336-0dac-4d43-be22-
d04f39378caf
SM_V9_5 iris    exon    22678038        22678084        .       -
        .       Parent=Smp_133450.1;Name=517acbf4-3772-4456-9ee4-
f98a21b595b6
SM_V9_5 iris    CDS     22654841        22655263        .       -
        0       Parent=Smp_133450.1
SM_V9_5 iris    CDS     22656366        22656439        .       -
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        2       Parent=Smp_133450.1
SM_V9_5 iris    CDS     22659512        22659992        .       -
        0       Parent=Smp_133450.1
SM_V9_5 iris    CDS     22665697        22666039        .       -
        1       Parent=Smp_133450.1
SM_V9_5 iris    CDS     22668831        22668961        .       -
        0       Parent=Smp_133450.1
SM_V9_5 iris    CDS     22675466        22675603        .       -
        0       Parent=Smp_133450.1
SM_V9_5 Liftoff gene    22691352        22713353        .       +
        .
ID=Smp_342780;geneID=Smp_342780;previous_systematic_id=Smp_133460
SM_V9_5 Liftoff mRNA    22691352        22713353        .       +
        .
ID=Smp_342780.1;Parent=Smp_342780;geneID=Smp_342780;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001766,IPR011991
Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_5 Liftoff exon    22691352        22694103        .       +
        .       Parent=Smp_342780.1
SM_V9_5 Liftoff exon    22706786        22707838        .       +
        .       Parent=Smp_342780.1
SM_V9_5 Liftoff exon    22711321        22713353        .       +
        .       Parent=Smp_342780.1
SM_V9_5 Liftoff CDS     22693972        22694103        .       +
        0       Parent=Smp_342780.1
SM_V9_5 Liftoff CDS     22706786        22707838        .       +
        0       Parent=Smp_342780.1
SM_V9_5 Liftoff CDS     22711321        22712946        .       +
        0       Parent=Smp_342780.1
SM_V9_5 iris    gene    22723970        22741248        .       -
        .
ID=Smp_133470;geneID=Smp_133470;gene_name=Smp_133470;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    22723970        22741248        .       -
        .
ID=Smp_133470.1;Parent=Smp_133470;geneID=Smp_133470;gene_name=Smp_13
3470;owner=irisadmin@local.host;orig_id=Smp_133470.1;date_last_modif
ied=2022-08-02;Name=Smp_133470.1;product=RNA-binding protein
28;date_creation=2022-08-02
SM_V9_5 iris    exon    22723970        22724465        .       -
        .       Parent=Smp_133470.1;Name=381984ef-
d363-4c1c-972b-3a42fe50dbd4
SM_V9_5 iris    exon    22727804        22727878        .       -
        .
Parent=Smp_133470.1;Name=9274fd25-2602-47ae-8324-561a6f1d39b0
SM_V9_5 iris    exon    22731592        22731738        .       -
        .       Parent=Smp_133470.1;Name=2ea23d3f-88ed-4e12-
adf4-5e107a6b28f2
SM_V9_5 iris    exon    22736877        22737100        .       -
        .       Parent=Smp_133470.1;Name=88f08d4c-2806-4fca-
a13f-5364158a084e
SM_V9_5 iris    exon    22738006        22738183        .       -
        .       Parent=Smp_133470.1;Name=96ec7ff1-c3cb-4513-9bb3-
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SM_V9_5 iris    exon    22738290        22738470        .       -
        .       Parent=Smp_133470.1;Name=e3c7fbb2-4c2d-4f74-b1e6-
d158ed02647f
SM_V9_5 iris    exon    22741159        22741248        .       -
        .       Parent=Smp_133470.1;Name=4994f2d6-3053-4975-90a4-
c1331dcafd5f
SM_V9_5 iris    CDS     22724133        22724465        .       -
        0       Parent=Smp_133470.1
SM_V9_5 iris    CDS     22727804        22727878        .       -
        0       Parent=Smp_133470.1
SM_V9_5 iris    CDS     22731592        22731738        .       -
        0       Parent=Smp_133470.1
SM_V9_5 iris    CDS     22736877        22737100        .       -
        2       Parent=Smp_133470.1
SM_V9_5 iris    CDS     22738006        22738183        .       -
        0       Parent=Smp_133470.1
SM_V9_5 iris    CDS     22738290        22738470        .       -
        1       Parent=Smp_133470.1
SM_V9_5 iris    CDS     22741159        22741199        .       -
        0       Parent=Smp_133470.1
SM_V9_5 iris    gene    22744012        22754590        .       +
        .
ID=Smp_020760;geneID=Smp_020760;gene_name=Smp_020760;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_5 iris    mRNA    22744012        22754590        .       +
        .
ID=Smp_020760.1;Parent=Smp_020760;geneID=Smp_020760;gene_name=Smp_02
0760;owner=irisadmin@local.host;orig_id=Smp_020760.1;date_last_modif
ied=2022-07-17;Name=Smp_020760.1;product=Ankyrin-2;date_creation=202
2-07-17
SM_V9_5 iris    exon    22744012        22744117        .       +
        .
Parent=Smp_020760.1;Name=0d57d3d5-2a41-4c52-86f5-5ec00b592a8e
SM_V9_5 iris    exon    22746514        22746707        .       +
        .       Parent=Smp_020760.1;Name=0a950f37-5217-4f18-8d74-
d208ab54c81d
SM_V9_5 iris    exon    22746743        22746838        .       +
        .       Parent=Smp_020760.1;Name=5bd58708-e894-4be8-
ac11-2078291bcbfc
SM_V9_5 iris    exon    22746878        22747075        .       +
        .
Parent=Smp_020760.1;Name=fadc8dbb-2064-4382-9de5-437e6592c928
SM_V9_5 iris    exon    22748623        22748901        .       +
        .       Parent=Smp_020760.1;Name=1804f15f-7598-4695-
b12c-15e719e653e4
SM_V9_5 iris    exon    22749270        22749368        .       +
        .       Parent=Smp_020760.1;Name=b81da859-cef8-4972-
ae09-2e2eae3d2114
SM_V9_5 iris    exon    22751073        22751171        .       +
        .       Parent=Smp_020760.1;Name=971001a7-251e-4af0-a4e4-
a2e5f38937eb
SM_V9_5 iris    exon    22753256        22754590        .       +
        .       Parent=Smp_020760.1;Name=002a3127-5ae7-488b-b7a5-
ea2f7a08898f
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SM_V9_5 iris    CDS     22746594        22746707        .       +
        0       Parent=Smp_020760.1
SM_V9_5 iris    CDS     22746743        22746838        .       +
        0       Parent=Smp_020760.1
SM_V9_5 iris    CDS     22746878        22747075        .       +
        0       Parent=Smp_020760.1
SM_V9_5 iris    CDS     22748623        22748901        .       +
        0       Parent=Smp_020760.1
SM_V9_5 iris    CDS     22749270        22749368        .       +
        0       Parent=Smp_020760.1
SM_V9_5 iris    CDS     22751073        22751171        .       +
        0       Parent=Smp_020760.1
SM_V9_5 iris    CDS     22753256        22753627        .       +
        0       Parent=Smp_020760.1
SM_V9_5 Liftoff gene    22766890        22767516        .       +
        .       ID=Smp_020770;geneID=Smp_020770
SM_V9_5 Liftoff mRNA    22766890        22767516        .       +
        .
ID=Smp_020770.1;Parent=Smp_020770;geneID=Smp_020770;product=Dolichyl
-diphosphooligosaccharide--protein glycosyltransferase subunit
DAD1;polypeptide_domain=InterPro:IPR003038
Pfam:PF02109;Ontology_term=GO:0004579,GO:0008250,GO:0016021
SM_V9_5 Liftoff exon    22766890        22767516        .       +
        .       Parent=Smp_020770.1
SM_V9_5 Liftoff CDS     22766922        22767326        .       +
        0       Parent=Smp_020770.1
SM_V9_5 iris    gene    22814312        22851554        .       -
        .
ID=Smp_342790;geneID=Smp_342790;gene_name=Smp_342790;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    22814312        22851554        .       -
        .
ID=Smp_342790.1;Parent=Smp_342790;geneID=Smp_342790;gene_name=Smp_34
2790;owner=irisadmin@local.host;orig_id=Smp_342790.1;date_last_modif
ied=2022-08-02;Name=Smp_342790.1;product=Forkhead box protein
L1;date_creation=2022-08-02
SM_V9_5 iris    exon    22814312        22815892        .       -
        .       Parent=Smp_342790.1;Name=1bad47de-
ec1d-4532-905a-10a40354066f
SM_V9_5 iris    exon    22818348        22818543        .       -
        .       Parent=Smp_342790.1;Name=153e9822-
d194-4ca4-9a57-0be1ed787b0c
SM_V9_5 iris    exon    22851049        22851554        .       -
        .       Parent=Smp_342790.1;Name=5e0da137-cdbc-4974-a69a-
d9d0b5d88823
SM_V9_5 iris    CDS     22814920        22815892        .       -
        1       Parent=Smp_342790.1
SM_V9_5 iris    CDS     22818348        22818543        .       -
        2       Parent=Smp_342790.1
SM_V9_5 iris    CDS     22851049        22851502        .       -
        0       Parent=Smp_342790.1
SM_V9_5 Liftoff gene    22855741        22873832        .       -
        .       ID=Smp_020800;geneID=Smp_020800
SM_V9_5 Liftoff mRNA    22855741        22873832        .       -
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        .
ID=Smp_020800.2;Parent=Smp_020800;geneID=Smp_020800;product=Cysteine
and histidine-rich domain-containing protein
1;polypeptide_domain=InterPro:IPR007051,IPR007052,IPR008978
Pfam:PF04968,PF04969
SM_V9_5 Liftoff exon    22855741        22856002        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff exon    22862378        22862593        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff exon    22867604        22867703        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff exon    22869107        22869177        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff exon    22869848        22869894        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff exon    22871746        22871926        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff exon    22873298        22873482        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff exon    22873518        22873832        .       -
        .       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22855841        22856002        .       -
        0       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22862378        22862593        .       -
        0       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22867604        22867703        .       -
        1       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22869107        22869177        .       -
        0       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22869848        22869894        .       -
        2       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22871746        22871926        .       -
        0       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22873298        22873482        .       -
        2       Parent=Smp_020800.2
SM_V9_5 Liftoff CDS     22873518        22873587        .       -
        0       Parent=Smp_020800.2
SM_V9_5 Liftoff mRNA    22859560        22873828        .       -
        .
ID=Smp_020800.1;Parent=Smp_020800;geneID=Smp_020800;product=Cysteine
and histidine-rich domain-containing protein
1;polypeptide_domain=InterPro:IPR007051,IPR007052,IPR008978
Pfam:PF04968,PF04969
SM_V9_5 Liftoff exon    22859560        22859821        .       -
        .       Parent=Smp_020800.1
SM_V9_5 Liftoff exon    22862378        22862593        .       -
        .       Parent=Smp_020800.1
SM_V9_5 Liftoff exon    22867604        22867703        .       -
        .       Parent=Smp_020800.1
SM_V9_5 Liftoff exon    22869107        22869177        .       -
        .       Parent=Smp_020800.1
SM_V9_5 Liftoff exon    22869848        22869894        .       -
        .       Parent=Smp_020800.1
SM_V9_5 Liftoff exon    22871746        22871926        .       -
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        .       Parent=Smp_020800.1
SM_V9_5 Liftoff exon    22873298        22873482        .       -
        .       Parent=Smp_020800.1
SM_V9_5 Liftoff exon    22873518        22873828        .       -
        .       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22859660        22859821        .       -
        0       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22862378        22862593        .       -
        0       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22867604        22867703        .       -
        1       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22869107        22869177        .       -
        0       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22869848        22869894        .       -
        2       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22871746        22871926        .       -
        0       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22873298        22873482        .       -
        2       Parent=Smp_020800.1
SM_V9_5 Liftoff CDS     22873518        22873587        .       -
        0       Parent=Smp_020800.1
SM_V9_5 iris    gene    22881892        22927374        .       +
        .
ID=Smp_133490;geneID=Smp_133490;gene_name=Smp_133490;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_5 iris    mRNA    22881892        22927374        .       +
        .
ID=Smp_133490.1;Parent=Smp_133490;geneID=Smp_133490;gene_name=Smp_13
3490;owner=irisadmin@local.host;orig_id=Smp_133490.1;date_last_modif
ied=2022-07-18;Name=Smp_133490.1;product=Putative serine/threonine-
protein kinase C05D10.2;date_creation=2022-07-17
SM_V9_5 iris    exon    22881892        22882004        .       +
        .
Parent=Smp_133490.1;Name=c90e89ac-9ddc-48ce-9ccd-39e1e129f5d3
SM_V9_5 iris    exon    22901295        22901393        .       +
        .       Parent=Smp_133490.1;Name=a1b5b5ec-d91f-4dc0-91be-
b37a87cd9ad7
SM_V9_5 iris    exon    22901491        22901611        .       +
        .       Parent=Smp_133490.1;Name=ea0b34d0-8f51-495d-a305-
f3cf7c492bd3
SM_V9_5 iris    exon    22901657        22901787        .       +
        .       Parent=Smp_133490.1;Name=069dbd30-cb64-41c3-
bd3b-78978af68948
SM_V9_5 iris    exon    22903903        22904236        .       +
        .       Parent=Smp_133490.1;Name=455e94ec-6125-4644-a886-
a7d9eb685b93
SM_V9_5 iris    exon    22905920        22905977        .       +
        .       Parent=Smp_133490.1;Name=4f67da56-ffe6-4877-8b31-
ce615365b715
SM_V9_5 iris    exon    22907197        22907331        .       +
        .       Parent=Smp_133490.1;Name=9c0f175a-e39b-460e-93f9-
c99e5ee995fc
SM_V9_5 iris    exon    22909890        22909995        .       +
        .       Parent=Smp_133490.1;Name=5f21f6c6-01db-4c29-
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a677-214d32371b16
SM_V9_5 iris    exon    22913302        22914113        .       +
        .
Parent=Smp_133490.1;Name=5291cbc5-589a-4df4-835e-007b8927ae59
SM_V9_5 iris    exon    22915689        22916019        .       +
        .       Parent=Smp_133490.1;Name=cc569f21-
a96d-4121-940f-67b59351ab49
SM_V9_5 iris    exon    22918297        22918678        .       +
        .       Parent=Smp_133490.1;Name=5ee1f108-ec96-4d82-abd0-
bc5cd3aa61ba
SM_V9_5 iris    exon    22921208        22921365        .       +
        .       Parent=Smp_133490.1;Name=bfd684c1-536e-4846-b1c4-
d4920aeb1190
SM_V9_5 iris    exon    22923612        22923971        .       +
        .       Parent=Smp_133490.1;Name=2db863ea-aeae-4046-
bac3-529263370976
SM_V9_5 iris    exon    22925914        22927374        .       +
        .       Parent=Smp_133490.1;Name=f151385f-fb4d-4c6f-b224-
b080cc81a081
SM_V9_5 iris    CDS     22881939        22882004        .       +
        0       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22901295        22901393        .       +
        0       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22901491        22901611        .       +
        0       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22901657        22901787        .       +
        2       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22903903        22904236        .       +
        0       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22905920        22905977        .       +
        2       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22907197        22907331        .       +
        1       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22909890        22909995        .       +
        1       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22913302        22914113        .       +
        0       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22915689        22916019        .       +
        1       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22918297        22918678        .       +
        0       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22921208        22921365        .       +
        2       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22923612        22923971        .       +
        0       Parent=Smp_133490.1
SM_V9_5 iris    CDS     22925914        22926381        .       +
        0       Parent=Smp_133490.1
SM_V9_5 Liftoff gene    22937055        22979595        .       +
        .
ID=Smp_347000;geneID=Smp_347000;previous_systematic_id=Smp_133500,Sm
p_198810
SM_V9_5 Liftoff mRNA    22937055        22979595        .       +
        .
ID=Smp_347000.1;Parent=Smp_347000;geneID=Smp_347000;product=Putative
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serine/threonine-protein kinase
C05D10.2;polypeptide_domain=InterPro:IPR000719,IPR003527,IPR008271,I
PR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0004707,GO:0005524,GO:00064
68
SM_V9_5 Liftoff exon    22937055        22937140        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22947629        22947727        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22948724        22948844        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22948892        22949022        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22952208        22952541        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22956976        22957033        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22958442        22958573        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22961435        22961540        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22963345        22963787        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22967869        22968142        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22969936        22970341        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22972101        22972228        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22974134        22974343        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22976687        22977247        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff exon    22979201        22979595        .       +
        .       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22937075        22937140        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22947629        22947727        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22948724        22948844        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22948892        22949022        .       +
        2       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22952208        22952541        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22956976        22957033        .       +
        2       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22958442        22958573        .       +
        1       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22961435        22961540        .       +
        1       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22963345        22963787        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22967869        22968142        .       +
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        1       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22969936        22970341        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22972101        22972228        .       +
        2       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22974134        22974343        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22976687        22977247        .       +
        0       Parent=Smp_347000.1
SM_V9_5 Liftoff CDS     22979201        22979539        .       +
        0       Parent=Smp_347000.1
SM_V9_5 iris    gene    22999619        23008877        .       +
        .
ID=Smp_133400;geneID=Smp_133400;gene_name=Smp_133400;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_5 iris    mRNA    22999619        23008877        .       +
        .
ID=Smp_133400.1;Parent=Smp_133400;geneID=Smp_133400;gene_name=Smp_13
3400;owner=irisadmin@local.host;orig_id=Smp_133400.1;date_last_modif
ied=2022-09-05;Name=Smp_133400.1;product=Kinetochore-associated
protein rod-1;date_creation=2022-07-18
SM_V9_5 iris    exon    22999619        22999642        .       +
        .       Parent=Smp_133400.1;Name=a6e3f4fe-c4e7-4f8f-bf10-
afd734c4e0e0
SM_V9_5 iris    exon    22999741        22999885        .       +
        .       Parent=Smp_133400.1;Name=acc4a44e-d9ef-4c16-bc12-
a9e73a335206
SM_V9_5 iris    exon    22999922        23000011        .       +
        .       Parent=Smp_133400.1;Name=36db72c9-a6cc-4415-
b22e-9c94597d1e5a
SM_V9_5 iris    exon    23000071        23000140        .       +
        .
Parent=Smp_133400.1;Name=b6572606-76b4-4928-9615-73d3b22dc63f
SM_V9_5 iris    exon    23000408        23000500        .       +
        .       Parent=Smp_133400.1;Name=8229e98f-8841-42b3-
bec7-566353b6c763
SM_V9_5 iris    exon    23001865        23001915        .       +
        .       Parent=Smp_133400.1;Name=2df7da70-67e7-4da5-82fa-
b8faaf815b02
SM_V9_5 iris    exon    23002846        23002910        .       +
        .       Parent=Smp_133400.1;Name=227e7bd0-ce8d-49b1-
a80f-931adf6c496a
SM_V9_5 iris    exon    23003801        23003870        .       +
        .       Parent=Smp_133400.1;Name=abaaf206-6b9a-4449-
a960-8db8a690bc37
SM_V9_5 iris    exon    23005080        23005157        .       +
        .       Parent=Smp_133400.1;Name=333265eb-d1ee-41cf-98a0-
a83d99658f8c
SM_V9_5 iris    exon    23006528        23006673        .       +
        .       Parent=Smp_133400.1;Name=50ffe4d0-4659-49c1-9853-
ecc09671812a
SM_V9_5 iris    exon    23007998        23008126        .       +
        .       Parent=Smp_133400.1;Name=6f2221f4-8cdd-414c-b392-
c01320556f52
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SM_V9_5 iris    exon    23008173        23008301        .       +
        .       Parent=Smp_133400.1;Name=965db157-d7e1-46bf-
b3d0-8df536ac01ba
SM_V9_5 iris    exon    23008348        23008440        .       +
        .       Parent=Smp_133400.1;Name=4515036d-3c01-4ca4-bacc-
d6da98bdc0a5
SM_V9_5 iris    exon    23008525        23008877        .       +
        .
Parent=Smp_133400.1;Name=916d4afc-3502-4bd5-9d62-28cf4899d292
SM_V9_5 iris    CDS     22999638        22999642        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    CDS     22999741        22999885        .       +
        1       Parent=Smp_133400.1
SM_V9_5 iris    CDS     22999922        23000011        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23000071        23000140        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23000408        23000500        .       +
        2       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23001865        23001915        .       +
        2       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23002846        23002910        .       +
        2       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23003801        23003870        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23005080        23005157        .       +
        2       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23006528        23006673        .       +
        2       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23007998        23008126        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23008173        23008301        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23008348        23008440        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    CDS     23008525        23008704        .       +
        0       Parent=Smp_133400.1
SM_V9_5 iris    gene    23023575        23070513        .       +
        .
ID=Smp_266870;geneID=Smp_266870;gene_name=Smp_266870;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_5 iris    mRNA    23023575        23040159        .       +
        .
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6870;owner=irisadmin@local.host;orig_id=Smp_266870.1;date_last_modif
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anchor biosynthesis class U protein;date_creation=2022-07-18
SM_V9_5 iris    exon    23023575        23023724        .       +
        .       Parent=Smp_266870.1;Name=c763b5f3-2faa-4614-a69f-
de269bde2315
SM_V9_5 iris    exon    23023758        23023822        .       +
        .       Parent=Smp_266870.1;Name=937529ab-f2bc-4430-b15e-
b4b2288d13bd
SM_V9_5 iris    exon    23023858        23023929        .       +
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        .       Parent=Smp_266870.1;Name=f8728202-9056-417b-aadc-
e4a4d4e69c24
SM_V9_5 iris    exon    23023963        23024129        .       +
        .       Parent=Smp_266870.1;Name=be88bb44-abe2-46f9-
ae0d-853c1a2fc5b7
SM_V9_5 iris    exon    23025338        23025438        .       +
        .       Parent=Smp_266870.1;Name=cad05dbb-65a0-41b1-
adee-4c27ba4e3d6b
SM_V9_5 iris    exon    23028424        23028521        .       +
        .       Parent=Smp_266870.1;Name=14116647-42c6-4144-a980-
e0d1847e196a
SM_V9_5 iris    exon    23030895        23031049        .       +
        .       Parent=Smp_266870.1;Name=96111f34-736a-4036-
a45f-491841769479
SM_V9_5 iris    exon    23033078        23033221        .       +
        .       Parent=Smp_266870.1;Name=f20ade9c-dfbb-4f93-8c34-
d55959455451
SM_V9_5 iris    exon    23036309        23036433        .       +
        .
Parent=Smp_266870.1;Name=4d92ffc0-4d1e-49ff-8c30-9e7aa628d8a3
SM_V9_5 iris    exon    23037566        23037708        .       +
        .
Parent=Smp_266870.1;Name=4d83d14a-778e-44d0-803d-4f7830682b94
SM_V9_5 iris    exon    23039709        23040159        .       +
        .       Parent=Smp_266870.1;Name=284ba79b-5f2b-40bd-a295-
bcbb0d43f680
SM_V9_5 iris    CDS     23023625        23023724        .       +
        0       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23023758        23023822        .       +
        2       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23023858        23023929        .       +
        0       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23023963        23024129        .       +
        0       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23025338        23025438        .       +
        1       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23028424        23028521        .       +
        2       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23030895        23031049        .       +
        0       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23033078        23033221        .       +
        1       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23036309        23036433        .       +
        1       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23037566        23037708        .       +
        2       Parent=Smp_266870.1
SM_V9_5 iris    CDS     23039709        23039822        .       +
        0       Parent=Smp_266870.1
SM_V9_5 iris    mRNA    23023575        23070513        .       +
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SM_V9_5 iris    exon    23023575        23023724        .       +
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SM_V9_5 iris    exon    23023758        23023822        .       +
        .       Parent=Smp_266870.2;Name=6b60ab51-c3e0-435e-a005-
bb2e66d91f4e
SM_V9_5 iris    exon    23023858        23023929        .       +
        .       Parent=Smp_266870.2;Name=62998054-1248-4689-8e4d-
d45f32821503
SM_V9_5 iris    exon    23023963        23024129        .       +
        .       Parent=Smp_266870.2;Name=3edd4d09-fd2c-443e-92cc-
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SM_V9_5 iris    exon    23025338        23025438        .       +
        .       Parent=Smp_266870.2;Name=76de6513-
b986-4048-80e3-9772da313eda
SM_V9_5 iris    exon    23028424        23028521        .       +
        .       Parent=Smp_266870.2;Name=7a1117bb-021c-4d48-9acd-
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SM_V9_5 iris    exon    23030895        23031049        .       +
        .
Parent=Smp_266870.2;Name=894932e1-8b49-4793-8948-1e8c60a01e70
SM_V9_5 iris    exon    23033078        23033221        .       +
        .       Parent=Smp_266870.2;Name=6a06e6aa-4f42-48eb-ad13-
f608d9cb2496
SM_V9_5 iris    exon    23036309        23036433        .       +
        .       Parent=Smp_266870.2;Name=186e7f28-6b1d-4ab7-
be8f-2e16334a4fd3
SM_V9_5 iris    exon    23037566        23037708        .       +
        .
Parent=Smp_266870.2;Name=a25319c8-241c-4399-93f9-4ca3c626f8c3
SM_V9_5 iris    exon    23042707        23042955        .       +
        .       Parent=Smp_266870.2;Name=1cb03db9-7470-449b-a08d-
b09f9e3b1cff
SM_V9_5 iris    exon    23046324        23046605        .       +
        .       Parent=Smp_266870.2;Name=bf9d90e5-4a46-401e-9435-
cc66657bc19f
SM_V9_5 iris    exon    23048888        23048997        .       +
        .       Parent=Smp_266870.2;Name=32ea7f01-b2da-44c9-ad61-
d477408103a4
SM_V9_5 iris    exon    23050090        23050400        .       +
        .
Parent=Smp_266870.2;Name=63d54651-51c7-4441-831d-2ae932cd5133
SM_V9_5 iris    exon    23051758        23051852        .       +
        .
Parent=Smp_266870.2;Name=e7658e96-8c23-469f-89dd-9f63d5dd18ac
SM_V9_5 iris    exon    23054677        23054842        .       +
        .       Parent=Smp_266870.2;Name=92fba8d0-f541-4678-
a96e-11e938e375ce
SM_V9_5 iris    exon    23057462        23057841        .       +
        .
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SM_V9_5 iris    exon    23060484        23060946        .       +
        .       Parent=Smp_266870.2;Name=a80353f4-0610-45de-90f9-
c810a87f2725
SM_V9_5 iris    exon    23067896        23068444        .       +
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SM_V9_5 iris    exon    23069182        23070513        .       +
        .       Parent=Smp_266870.2;Name=616dd355-670c-41c6-bea7-
da28d72699c6
SM_V9_5 iris    CDS     23023601        23023724        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23023758        23023822        .       +
        2       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23023858        23023929        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23023963        23024129        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23025338        23025438        .       +
        1       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23028424        23028521        .       +
        2       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23030895        23031049        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23033078        23033221        .       +
        1       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23036309        23036433        .       +
        1       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23037566        23037708        .       +
        2       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23042707        23042955        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23046324        23046605        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23048888        23048997        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23050090        23050400        .       +
        1       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23051758        23051852        .       +
        2       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23054677        23054842        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23057462        23057841        .       +
        2       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23060484        23060946        .       +
        0       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23067896        23068444        .       +
        2       Parent=Smp_266870.2
SM_V9_5 iris    CDS     23069182        23069516        .       +
        2       Parent=Smp_266870.2
SM_V9_5 iris    gene    23073322        23082317        .       -
        .
ID=Smp_349370;geneID=Smp_349370;gene_name=Smp_349370;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-18
SM_V9_5 iris    mRNA    23073322        23082317        .       -
        .
ID=Smp_349370.1;Parent=Smp_349370;geneID=Smp_349370;gene_name=Smp_34
9370;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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SM_V9_5 iris    exon    23073322        23073666        .       -
        .       Parent=Smp_349370.1;Name=Smp_349370.1-CDS
SM_V9_5 iris    exon    23073717        23073824        .       -
        .       Parent=Smp_349370.1;Name=d2b4a2d3-c6bc-4038-
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SM_V9_5 iris    exon    23074601        23074746        .       -
        .       Parent=Smp_349370.1;Name=6375607e-58b3-4567-a4ab-
a6b30a1641da
SM_V9_5 iris    exon    23076096        23076173        .       -
        .
Parent=Smp_349370.1;Name=8dc97330-3959-4f05-8f8e-6bcd945a3076
SM_V9_5 iris    exon    23076769        23076835        .       -
        .
Parent=Smp_349370.1;Name=7e16dc7b-5f50-4737-9f68-0f41831b629d
SM_V9_5 iris    exon    23078895        23078959        .       -
        .       Parent=Smp_349370.1;Name=dfe9f893-74d7-4dce-
bba3-3fc4c20716ba
SM_V9_5 iris    exon    23079950        23080000        .       -
        .       Parent=Smp_349370.1;Name=6a2a9972-0768-48d4-
b0b5-4620f909f0e8
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b01d-0bb23ac1286f
SM_V9_5 iris    exon    23081918        23081987        .       -
        .       Parent=Smp_349370.1;Name=c585f2ea-d80a-4e69-a4ba-
d93f65dc67e3
SM_V9_5 iris    exon    23082046        23082135        .       -
        .       Parent=Smp_349370.1;Name=107e9693-4f91-417f-a3ae-
c7127960d495
SM_V9_5 iris    exon    23082172        23082317        .       -
        .       Parent=Smp_349370.1;Name=fa248280-f7eb-4d0f-911c-
c9f6c642dd8b
SM_V9_5 iris    CDS     23073529        23073666        .       -
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SM_V9_5 iris    CDS     23073717        23073824        .       -
        0       Parent=Smp_349370.1
SM_V9_5 iris    CDS     23074601        23074746        .       -
        2       Parent=Smp_349370.1
SM_V9_5 iris    CDS     23076096        23076173        .       -
        2       Parent=Smp_349370.1
SM_V9_5 iris    CDS     23076769        23076835        .       -
        0       Parent=Smp_349370.1
SM_V9_5 iris    CDS     23078895        23078959        .       -
        2       Parent=Smp_349370.1
SM_V9_5 iris    CDS     23079950        23080000        .       -
        2       Parent=Smp_349370.1
SM_V9_5 iris    CDS     23081049        23081141        .       -
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SM_V9_5 iris    CDS     23081918        23081987        .       -
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SM_V9_5 iris    CDS     23082046        23082111        .       -
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SM_V9_5 iris    gene    23098392        23105367        .       -
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9380;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349380.1;date_creation=2022-07-18
SM_V9_5 iris    exon    23098386        23098749        .       -
       .       Parent=Smp_349380.1;Name=763353a3-5924-4de7-8025-
cf5193d953b0
SM_V9_5 iris    exon    23098839        23098928        .       -
       .       Parent=Smp_349380.1;Name=Smp_349380.1-CDS
SM_V9_5 iris    exon    23098975        23099103        .       -
       .       Parent=Smp_349380.1;Name=e9523825-010c-45a3-
b6f8-94650a0a9a00
SM_V9_5 iris    exon    23099865        23100010        .       -
       .       Parent=Smp_349380.1;Name=2af2dbef-c9f3-4757-
ad1d-193fdaa45f45
SM_V9_5 iris    exon    23100855        23100932        .       -
       .       Parent=Smp_349380.1;Name=451f8250-
ef05-4d8b-8a23-63833dd7d037
SM_V9_5 iris    exon    23101523        23101589        .       -
       .       Parent=Smp_349380.1;Name=da311ce1-9e4f-408c-
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SM_V9_5 iris    exon    23102677        23102741        .       -
       .       Parent=Smp_349380.1;Name=e9e7619b-4d60-4355-a611-
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SM_V9_5 iris    exon    23103615        23103665        .       -
       .       Parent=Smp_349380.1;Name=ec4354bd-018a-417a-
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SM_V9_5 iris    exon    23104761        23104853        .       -
       .       Parent=Smp_349380.1;Name=2c3a7ef8-0042-497c-965f-
e237dbecc248
SM_V9_5 iris    exon    23104989        23105058        .       -
       .
Parent=Smp_349380.1;Name=e9eb0e2a-1c85-47e1-85dc-497769ac0bbb
SM_V9_5 iris    exon    23105116        23105367        .       -
       .       Parent=Smp_349380.1;Name=b2e93275-705a-46e8-bd59-
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SM_V9_5 iris    CDS     23098920        23098928        .       -
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SM_V9_5 iris    CDS     23099865        23100010        .       -
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SM_V9_5 iris    CDS     23100855        23100932        .       -
       2       Parent=Smp_349380.1
SM_V9_5 iris    CDS     23101523        23101589        .       -
       0       Parent=Smp_349380.1
SM_V9_5 iris    CDS     23102677        23102741        .       -
       2       Parent=Smp_349380.1
SM_V9_5 iris    CDS     23103615        23103665        .       -
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        0       Parent=Smp_349380.1
SM_V9_5 iris    CDS     23105116        23105163        .       -
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SM_V9_5 Liftoff gene    23136609        23137030        .       -
        .       ID=Smp_330880;geneID=Smp_330880
SM_V9_5 Liftoff mRNA    23136609        23137030        .       -
        .
ID=Smp_330880.1;Parent=Smp_330880;geneID=Smp_330880;product=Transcri
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SM_V9_5 Liftoff exon    23136609        23136796        .       -
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SM_V9_5 Liftoff exon    23136846        23137030        .       -
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SM_V9_5 Liftoff CDS     23136710        23136796        .       -
        0       Parent=Smp_330880.1
SM_V9_5 Liftoff CDS     23136846        23137025        .       -
        0       Parent=Smp_330880.1
SM_V9_5 Liftoff gene    23175346        23178111        .       -
        .       ID=Smp_330890;geneID=Smp_330890
SM_V9_5 Liftoff mRNA    23175346        23178111        .       -
        .
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A biosynthesis bifunctional protein CoaBC
SM_V9_5 Liftoff exon    23175346        23178111        .       -
        .       Parent=Smp_330890.1
SM_V9_5 Liftoff CDS     23177699        23177884        .       -
        0       Parent=Smp_330890.1
SM_V9_5 iris    gene    23290995        23302005        .       +
        .
ID=Smp_133380;geneID=Smp_133380;gene_name=Smp_133380;owner=irisadmin
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SM_V9_5 iris    mRNA    23290995        23302005        .       +
        .
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3380;owner=irisadmin@local.host;orig_id=Smp_133380.1;date_last_modif
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phosphatase PGAM5, mitochondrial;date_creation=2022-07-18
SM_V9_5 iris    exon    23290995        23291038        .       +
        .       Parent=Smp_133380.1;Name=374df991-6b4e-4084-98c5-
ffdbbffbffc9
SM_V9_5 iris    exon    23294758        23294933        .       +
        .       Parent=Smp_133380.1;Name=a0313b72-787d-4b63-a0b7-
f18ba2408d23
SM_V9_5 iris    exon    23294995        23295199        .       +
        .       Parent=Smp_133380.1;Name=e951504e-eb2f-426f-aa98-
f0e7b9b94baf
SM_V9_5 iris    exon    23299055        23299392        .       +
        .
Parent=Smp_133380.1;Name=fb69cc57-8180-48bc-9ebe-55d833e70a98
SM_V9_5 iris    exon    23301346        23302005        .       +
        .       Parent=Smp_133380.1;Name=d2e6d7f3-4c4a-499e-
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SM_V9_5 iris    CDS     23294995        23295199        .       +
        2       Parent=Smp_133380.1
SM_V9_5 iris    CDS     23299055        23299392        .       +
        1       Parent=Smp_133380.1
SM_V9_5 iris    CDS     23301346        23301857        .       +
        2       Parent=Smp_133380.1
SM_V9_5 iris    gene    23307725        23383521        .       -
        .
ID=Smp_133370;geneID=Smp_133370;gene_name=Smp_133370;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    23307725        23383521        .       -
        .
ID=Smp_133370.1;Parent=Smp_133370;geneID=Smp_133370;gene_name=Smp_13
3370;owner=irisadmin@local.host;orig_id=Smp_133370.1;date_last_modif
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protein 39B;date_creation=2022-08-02
SM_V9_5 iris    exon    23307725        23308555        .       -
        .       Parent=Smp_133370.1;Name=54f44964-
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SM_V9_5 iris    exon    23309948        23310461        .       -
        .       Parent=Smp_133370.1;Name=bd4b0147-169f-4571-
b504-4fa88ce7370f
SM_V9_5 iris    exon    23312835        23312951        .       -
        .       Parent=Smp_133370.1;Name=e49df93d-21d6-46e1-
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SM_V9_5 iris    exon    23315121        23315238        .       -
        .       Parent=Smp_133370.1;Name=00a12d11-
a907-40b6-9943-6203df7e3489
SM_V9_5 iris    exon    23317131        23317242        .       -
        .       Parent=Smp_133370.1;Name=516fec7d-98e8-4615-
b78a-2eabed2f318c
SM_V9_5 iris    exon    23319837        23319954        .       -
        .       Parent=Smp_133370.1;Name=393a2a2a-f093-4f0d-
aaf6-0819146330c5
SM_V9_5 iris    exon    23323919        23324113        .       -
        .       Parent=Smp_133370.1;Name=dd97bf2e-b884-4a36-bd8b-
b6e6b2e3a36e
SM_V9_5 iris    exon    23327441        23327532        .       -
        .       Parent=Smp_133370.1;Name=c4c714b5-e78d-4945-ad39-
fa9b14450f77
SM_V9_5 iris    exon    23329703        23329833        .       -
        .       Parent=Smp_133370.1;Name=32cda144-
bbd5-4741-9b32-06027d56621c
SM_V9_5 iris    exon    23333083        23333103        .       -
        .
Parent=Smp_133370.1;Name=cfac9394-1cab-4ef7-9629-7561c72b95d5
SM_V9_5 iris    exon    23335693        23335804        .       -
        .
Parent=Smp_133370.1;Name=f76854a5-34a5-4d03-8a80-8eb8fcf49c5e
SM_V9_5 iris    exon    23343073        23343138        .       -
        .       Parent=Smp_133370.1;Name=865d3818-eadd-476e-9f43-
b74f7a069fac
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SM_V9_5 iris    exon    23345847        23345946        .       -
        .       Parent=Smp_133370.1;Name=9b83c086-2b98-431a-8f52-
dc3047328eb5
SM_V9_5 iris    exon    23347841        23347973        .       -
        .       Parent=Smp_133370.1;Name=8e97038d-468e-4f3d-9196-
eca57ed7647f
SM_V9_5 iris    exon    23350476        23350617        .       -
        .       Parent=Smp_133370.1;Name=536efb70-
e99a-4c24-84fe-130e800deaa2
SM_V9_5 iris    exon    23357735        23357810        .       -
        .       Parent=Smp_133370.1;Name=83c7d15d-
f14d-4a1f-8e27-67c5216c4a54
SM_V9_5 iris    exon    23357873        23358072        .       -
        .       Parent=Smp_133370.1;Name=e3d03137-
b679-4ad2-808f-9069f49ed7f1
SM_V9_5 iris    exon    23383455        23383521        .       -
        .       Parent=Smp_133370.1;Name=9e48465b-839b-4bf9-
b9dd-5215d338176c
SM_V9_5 iris    CDS     23309975        23310461        .       -
        1       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23312835        23312951        .       -
        1       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23315121        23315238        .       -
        2       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23317131        23317242        .       -
        0       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23319837        23319954        .       -
        1       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23323919        23324113        .       -
        1       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23327441        23327532        .       -
        0       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23329703        23329833        .       -
        2       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23333083        23333103        .       -
        2       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23335693        23335804        .       -
        0       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23343073        23343138        .       -
        0       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23345847        23345946        .       -
        1       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23347841        23347973        .       -
        2       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23350476        23350617        .       -
        0       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23357735        23357810        .       -
        1       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23357873        23358072        .       -
        0       Parent=Smp_133370.1
SM_V9_5 iris    CDS     23383455        23383466        .       -
        0       Parent=Smp_133370.1
SM_V9_5 Liftoff gene    23390798        23402352        .       +
        .       ID=Smp_133350;geneID=Smp_133350
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SM_V9_5 Liftoff mRNA    23390798        23402352        .       +
       .
ID=Smp_133350.1;Parent=Smp_133350;geneID=Smp_133350;product=Nucleola
r GTP-binding protein
1;polypeptide_domain=InterPro:IPR006073,IPR010674,IPR012973,IPR02492
6,IPR027417,IPR031167
Pfam:PF06858,PF08155;Ontology_term=GO:0005525,GO:0005730
SM_V9_5 Liftoff exon    23390798        23391064        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23391098        23391201        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23391234        23391317        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23391353        23391506        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23395780        23396088        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23399326        23399610        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23400710        23401140        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23401579        23401732        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff exon    23401959        23402352        .       +
       .       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23390987        23391064        .       +
       0       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23391098        23391201        .       +
       0       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23391234        23391317        .       +
       1       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23391353        23391506        .       +
       1       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23395780        23396088        .       +
       0       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23399326        23399610        .       +
       0       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23400710        23401140        .       +
       0       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23401579        23401732        .       +
       1       Parent=Smp_133350.1
SM_V9_5 Liftoff CDS     23401959        23402237        .       +
       0       Parent=Smp_133350.1
SM_V9_5 iris    gene    23402193        23409322        .       -
       .
ID=Smp_020590;geneID=Smp_020590;gene_name=Smp_020590;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_5 iris    mRNA    23402193        23409322        .       -
       .
ID=Smp_020590.1;Parent=Smp_020590;geneID=Smp_020590;gene_name=Smp_02
0590;owner=irisadmin@local.host;orig_id=Smp_020590.1;date_last_modif
ied=2022-08-30;Name=Smp_020590.1;product=Proteasomal ATPase-
associated factor 1;date_creation=2022-08-30
SM_V9_5 iris    exon    23402193        23402747        .       -
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        .
Parent=Smp_020590.1;Name=9b40a92f-63e8-464e-9ca7-9e507eca3222
SM_V9_5 iris    exon    23402907        23403248        .       -
        .       Parent=Smp_020590.1;Name=0a7ebafa-
a2c1-491d-9304-6d8b1d13686e
SM_V9_5 iris    exon    23404431        23404587        .       -
        .       Parent=Smp_020590.1;Name=5aac3696-e630-4d24-b6a9-
aca75b33462b
SM_V9_5 iris    exon    23407504        23407785        .       -
        .
Parent=Smp_020590.1;Name=fb54bfd8-5f41-4deb-9d39-906d02e29abe
SM_V9_5 iris    exon    23408760        23408870        .       -
        .       Parent=Smp_020590.1;Name=4a5b3561-
b5f3-464d-9269-122dbb969386
SM_V9_5 iris    exon    23408904        23408999        .       -
        .       Parent=Smp_020590.1;Name=0dcdee16-ec6f-47de-
a77a-69ed8440224e
SM_V9_5 iris    exon    23409034        23409119        .       -
        .       Parent=Smp_020590.1;Name=e59ff42f-9820-414b-abe4-
bcc632a45ab3
SM_V9_5 iris    exon    23409149        23409189        .       -
        .
Parent=Smp_020590.1;Name=88ffa317-665a-4a04-813f-9c5b9e5d298c
SM_V9_5 iris    exon    23409221        23409322        .       -
        .
Parent=Smp_020590.1;Name=fb5c30a9-1916-45fe-9a55-807e71c13f39
SM_V9_5 iris    CDS     23402446        23402747        .       -
        2       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23402907        23403248        .       -
        2       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23404431        23404587        .       -
        0       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23407504        23407785        .       -
        0       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23408760        23408870        .       -
        0       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23408904        23408999        .       -
        0       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23409034        23409119        .       -
        2       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23409149        23409189        .       -
        1       Parent=Smp_020590.1
SM_V9_5 iris    CDS     23409221        23409270        .       -
        0       Parent=Smp_020590.1
SM_V9_5 Liftoff gene    23423926        23425135        .       +
        .       ID=Smp_133340;geneID=Smp_133340
SM_V9_5 Liftoff mRNA    23423926        23425135        .       +
        .
ID=Smp_133340.1;Parent=Smp_133340;geneID=Smp_133340;product=Probable
plasma membrane ATPase
SM_V9_5 Liftoff exon    23423926        23424232        .       +
        .       Parent=Smp_133340.1
SM_V9_5 Liftoff exon    23424595        23425135        .       +
        .       Parent=Smp_133340.1
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SM_V9_5 Liftoff CDS     23424022        23424232        .       +
        0       Parent=Smp_133340.1
SM_V9_5 Liftoff CDS     23424595        23424611        .       +
        2       Parent=Smp_133340.1
SM_V9_5 Liftoff gene    23486347        23512144        .       -
        .       ID=Smp_133330;geneID=Smp_133330
SM_V9_5 Liftoff mRNA    23486347        23512144        .       -
        .
ID=Smp_133330.1;Parent=Smp_133330;geneID=Smp_133330;product=Acid
sphingomyelinase-like phosphodiesterase
3b;polypeptide_domain=InterPro:IPR029052
SM_V9_5 Liftoff exon    23486347        23489618        .       -
        .       Parent=Smp_133330.1
SM_V9_5 Liftoff exon    23492576        23492759        .       -
        .       Parent=Smp_133330.1
SM_V9_5 Liftoff exon    23493474        23493667        .       -
        .       Parent=Smp_133330.1
SM_V9_5 Liftoff exon    23507008        23507342        .       -
        .       Parent=Smp_133330.1
SM_V9_5 Liftoff exon    23509369        23509540        .       -
        .       Parent=Smp_133330.1
SM_V9_5 Liftoff exon    23511958        23512144        .       -
        .       Parent=Smp_133330.1
SM_V9_5 Liftoff CDS     23487244        23489618        .       -
        2       Parent=Smp_133330.1
SM_V9_5 Liftoff CDS     23492576        23492759        .       -
        0       Parent=Smp_133330.1
SM_V9_5 Liftoff CDS     23493474        23493667        .       -
        2       Parent=Smp_133330.1
SM_V9_5 Liftoff CDS     23507008        23507342        .       -
        1       Parent=Smp_133330.1
SM_V9_5 Liftoff CDS     23509369        23509540        .       -
        2       Parent=Smp_133330.1
SM_V9_5 Liftoff CDS     23511958        23512030        .       -
        0       Parent=Smp_133330.1
SM_V9_5 Liftoff gene    23519768        23585757        .       +
        .
ID=Smp_242740;geneID=Smp_242740;previous_systematic_id=Smp_133320,Sm
p_190900
SM_V9_5 Liftoff mRNA    23519768        23585757        .       +
        .
ID=Smp_242740.1;Parent=Smp_242740;geneID=Smp_242740;product=CCR4-NOT
transcription complex subunit
1;polypeptide_domain=InterPro:IPR007196,IPR024557,IPR032191,IPR03219
3 Pfam:PF04054,PF12842,PF16415,PF16417
SM_V9_5 Liftoff exon    23519768        23519980        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23521295        23521399        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23521440        23521538        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23522850        23523039        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23525819        23526049        .       +
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        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23527861        23528167        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23529769        23529995        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23531227        23531324        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23533998        23534278        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23539446        23539575        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23540814        23540921        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23545942        23546556        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23548320        23548489        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23557198        23557283        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23557329        23557441        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23558868        23559009        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23560326        23560435        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23561596        23561781        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23564410        23564639        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23564755        23564886        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23565009        23565087        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23566301        23566372        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23566539        23566982        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23568102        23568428        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23569494        23569970        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23571540        23571903        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23572346        23573055        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23573197        23573547        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23574467        23574811        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23574929        23575159        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23577014        23577133        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23577616        23578194        .       +
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        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23578368        23578742        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23579394        23580164        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23580289        23581063        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23582714        23582981        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff exon    23584925        23585757        .       +
        .       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23519876        23519980        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23521295        23521399        .       +
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SM_V9_5 Liftoff CDS     23521440        23521538        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23522850        23523039        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23525819        23526049        .       +
        2       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23527861        23528167        .       +
        2       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23529769        23529995        .       +
        1       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23531227        23531324        .       +
        2       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23533998        23534278        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23539446        23539575        .       +
        1       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23540814        23540921        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23545942        23546556        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23548320        23548489        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23557198        23557283        .       +
        1       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23557329        23557441        .       +
        2       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23558868        23559009        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23560326        23560435        .       +
        2       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23561596        23561781        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23564410        23564639        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23564755        23564886        .       +
        1       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23565009        23565087        .       +
        1       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23566301        23566372        .       +
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        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23566539        23566982        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23568102        23568428        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23569494        23569970        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23571540        23571903        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23572346        23573055        .       +
        2       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23573197        23573547        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23574467        23574811        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23574929        23575159        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23577014        23577133        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23577616        23578194        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23578368        23578742        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23579394        23580164        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23580289        23581063        .       +
        0       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23582714        23582981        .       +
        2       Parent=Smp_242740.1
SM_V9_5 Liftoff CDS     23584925        23585072        .       +
        1       Parent=Smp_242740.1
SM_V9_5 Liftoff gene    23628058        23642478        .       +
        .
ID=Smp_314990;geneID=Smp_314990;previous_systematic_id=Smp_081720
SM_V9_5 Liftoff mRNA    23628058        23642478        .       +
        .
ID=Smp_314990.1;Parent=Smp_314990;geneID=Smp_314990;product=Transmem
brane protein 231;polypeptide_domain=InterPro:IPR019306 Pfam:PF10149
SM_V9_5 Liftoff exon    23628058        23628414        .       +
        .       Parent=Smp_314990.1
SM_V9_5 Liftoff exon    23631571        23631857        .       +
        .       Parent=Smp_314990.1
SM_V9_5 Liftoff exon    23633620        23633773        .       +
        .       Parent=Smp_314990.1
SM_V9_5 Liftoff exon    23639630        23639738        .       +
        .       Parent=Smp_314990.1
SM_V9_5 Liftoff exon    23642076        23642478        .       +
        .       Parent=Smp_314990.1
SM_V9_5 Liftoff CDS     23628276        23628414        .       +
        0       Parent=Smp_314990.1
SM_V9_5 Liftoff CDS     23631571        23631857        .       +
        2       Parent=Smp_314990.1
SM_V9_5 Liftoff CDS     23633620        23633773        .       +
        0       Parent=Smp_314990.1
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SM_V9_5 Liftoff CDS     23639630        23639738        .       +
        2       Parent=Smp_314990.1
SM_V9_5 Liftoff CDS     23642076        23642241        .       +
        1       Parent=Smp_314990.1
SM_V9_5 iris    gene    23654402        23681542        .       +
        .
ID=Smp_315000;geneID=Smp_315000;gene_name=Smp_315000;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    23654402        23681542        .       +
        .
ID=Smp_315000.1;Parent=Smp_315000;geneID=Smp_315000;gene_name=Smp_31
5000;owner=irisadmin@local.host;orig_id=Smp_315000.1;date_last_modif
ied=2022-08-02;Name=Smp_315000.1;product=Hypothetical
protein;date_creation=2022-08-02
SM_V9_5 iris    exon    23654402        23654683        .       +
        .       Parent=Smp_315000.1;Name=b2679716-472c-419b-
b30d-38ac7b8925c8
SM_V9_5 iris    exon    23663294        23663464        .       +
        .       Parent=Smp_315000.1;Name=7d84484c-1858-47a6-8cc9-
af960eb896c0
SM_V9_5 iris    exon    23678181        23678282        .       +
        .       Parent=Smp_315000.1;Name=0bf9e9da-69cb-4c6a-a82c-
f6d69c3ef612
SM_V9_5 iris    exon    23680263        23681542        .       +
        .       Parent=Smp_315000.1;Name=4e7abdad-a9af-4868-
a959-30c22001a651
SM_V9_5 iris    CDS     23654633        23654683        .       +
        0       Parent=Smp_315000.1
SM_V9_5 iris    CDS     23663294        23663464        .       +
        0       Parent=Smp_315000.1
SM_V9_5 iris    CDS     23678181        23678282        .       +
        0       Parent=Smp_315000.1
SM_V9_5 iris    CDS     23680263        23680457        .       +
        0       Parent=Smp_315000.1
SM_V9_5 Liftoff gene    23700168        23740243        .       +
        .       ID=Smp_166200;geneID=Smp_166200
SM_V9_5 Liftoff mRNA    23700168        23740243        .       +
        .
ID=Smp_166200.1;Parent=Smp_166200;geneID=Smp_166200;product=Axin-1;p
olypeptide_domain=InterPro:IPR001158,IPR014936,IPR016137,IPR024066,I
PR029071 Pfam:PF00615,PF00778,PF08833
SM_V9_5 Liftoff exon    23700168        23705132        .       +
        .       Parent=Smp_166200.1
SM_V9_5 Liftoff exon    23705165        23705229        .       +
        .       Parent=Smp_166200.1
SM_V9_5 Liftoff exon    23707872        23708030        .       +
        .       Parent=Smp_166200.1
SM_V9_5 Liftoff exon    23712106        23712895        .       +
        .       Parent=Smp_166200.1
SM_V9_5 Liftoff exon    23716300        23716689        .       +
        .       Parent=Smp_166200.1
SM_V9_5 Liftoff exon    23723632        23724221        .       +
        .       Parent=Smp_166200.1
SM_V9_5 Liftoff exon    23730850        23731386        .       +
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        .       Parent=Smp_166200.1
SM_V9_5 Liftoff exon    23738972        23740243        .       +
        .       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23703912        23705132        .       +
        0       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23705165        23705229        .       +
        0       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23707872        23708030        .       +
        1       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23712106        23712895        .       +
        1       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23716300        23716689        .       +
        0       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23723632        23724221        .       +
        0       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23730850        23731386        .       +
        1       Parent=Smp_166200.1
SM_V9_5 Liftoff CDS     23738972        23739098        .       +
        1       Parent=Smp_166200.1
SM_V9_5 Liftoff gene    23743249        23778724        .       -
        .
ID=Smp_198800;geneID=Smp_198800;previous_systematic_id=Smp_166210
SM_V9_5 Liftoff mRNA    23743249        23778724        .       -
        .
ID=Smp_198800.1;Parent=Smp_198800;geneID=Smp_198800;product=Mucolipi
n-3;polypeptide_domain=InterPro:IPR013122 Pfam:PF08016
SM_V9_5 Liftoff exon    23743249        23744142        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23746248        23746778        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23752355        23752687        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23756021        23756122        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23760238        23760384        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23761912        23762307        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23766732        23766828        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23769842        23769947        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23774063        23774210        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23775067        23775258        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff exon    23777432        23778724        .       -
        .       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23744077        23744142        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23746248        23746778        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23752355        23752687        .       -
        0       Parent=Smp_198800.1
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SM_V9_5 Liftoff CDS     23756021        23756122        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23760238        23760384        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23761912        23762307        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23766732        23766828        .       -
        1       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23769842        23769947        .       -
        2       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23774063        23774210        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23775067        23775258        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff CDS     23777432        23778091        .       -
        0       Parent=Smp_198800.1
SM_V9_5 Liftoff mRNA    23743249        23778724        .       -
        .
ID=Smp_198800.2;Parent=Smp_198800;geneID=Smp_198800;product=Mucolipi
n-3;polypeptide_domain=InterPro:IPR013122 Pfam:PF08016
SM_V9_5 Liftoff exon    23743249        23744142        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23746248        23746778        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23752355        23752687        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23756021        23756122        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23760238        23760384        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23761912        23762307        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23766732        23766828        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23769842        23769947        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23771025        23771060        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23774063        23774210        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23775067        23775258        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff exon    23777432        23778724        .       -
        .       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23744077        23744142        .       -
        0       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23746248        23746778        .       -
        0       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23752355        23752687        .       -
        0       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23756021        23756122        .       -
        0       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23760238        23760384        .       -
        0       Parent=Smp_198800.2
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SM_V9_5 Liftoff CDS     23761912        23762307        .       -
        0       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23766732        23766828        .       -
        1       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23769842        23769947        .       -
        2       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23771025        23771060        .       -
        2       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23774063        23774210        .       -
        0       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23775067        23775258        .       -
        0       Parent=Smp_198800.2
SM_V9_5 Liftoff CDS     23777432        23778091        .       -
        0       Parent=Smp_198800.2
SM_V9_5 iris    gene    23798216        23811526        .       +
        .
ID=Smp_166220;geneID=Smp_166220;gene_name=Smp_166220;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_5 iris    mRNA    23798216        23811526        .       +
        .
ID=Smp_166220.1;Parent=Smp_166220;geneID=Smp_166220;gene_name=Smp_16
6220;owner=irisadmin@local.host;orig_id=Smp_166220.1;date_last_modif
ied=2022-08-02;Name=Smp_166220.1;product=SUMO-activating enzyme
subunit 2;date_creation=2022-08-02
SM_V9_5 iris    exon    23798216        23798335        .       +
        .       Parent=Smp_166220.1;Name=66e919e2-9966-4a94-
a511-247830823cb9
SM_V9_5 iris    exon    23798375        23798458        .       +
        .       Parent=Smp_166220.1;Name=e5b09d05-7986-4ac9-
adf8-3355a1e536ff
SM_V9_5 iris    exon    23798494        23798564        .       +
        .       Parent=Smp_166220.1;Name=3b187823-
f14e-4b8f-893d-5880c351d377
SM_V9_5 iris    exon    23798603        23798667        .       +
        .       Parent=Smp_166220.1;Name=1cd75ffa-c997-4850-
af0b-6099fd103d1d
SM_V9_5 iris    exon    23800144        23800426        .       +
        .       Parent=Smp_166220.1;Name=d0b4c6dd-58f8-4fc0-
bd0b-959c931391f9
SM_V9_5 iris    exon    23801608        23802035        .       +
        .       Parent=Smp_166220.1;Name=d6b2b778-a3b1-47f9-bdb5-
a49b13823600
SM_V9_5 iris    exon    23803476        23803672        .       +
        .       Parent=Smp_166220.1;Name=d1b92808-6a5a-4260-a503-
b525a016aeb6
SM_V9_5 iris    exon    23804983        23805186        .       +
        .       Parent=Smp_166220.1;Name=98c7c1c8-02b0-448e-
a3bd-795848c3c918
SM_V9_5 iris    exon    23806804        23807086        .       +
        .
Parent=Smp_166220.1;Name=23092755-450c-4506-889e-719738b14d9c
SM_V9_5 iris    exon    23808685        23809002        .       +
        .       Parent=Smp_166220.1;Name=e5d67027-0567-434b-941f-
fc6851cb0609
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SM_V9_5 iris    exon    23810832        23811526        .       +
        .       Parent=Smp_166220.1;Name=a46149e5-df91-4d9f-
b913-08123adbf428
SM_V9_5 iris    CDS     23798231        23798335        .       +
        0       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23798375        23798458        .       +
        0       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23798494        23798564        .       +
        0       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23798603        23798667        .       +
        1       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23800144        23800426        .       +
        2       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23801608        23802035        .       +
        1       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23803476        23803672        .       +
        2       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23804983        23805186        .       +
        0       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23806804        23807086        .       +
        0       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23808685        23809002        .       +
        2       Parent=Smp_166220.1
SM_V9_5 iris    CDS     23810832        23811118        .       +
        2       Parent=Smp_166220.1
SM_V9_5 iris    gene    23816230        23823334        .       +
        .
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SM_V9_5 iris    mRNA    23816230        23823334        .       +
        .
ID=Smp_166230.1;Parent=Smp_166230;geneID=Smp_166230;gene_name=Smp_16
6230;owner=irisadmin@local.host;orig_id=Smp_166230.1;date_last_modif
ied=2022-08-02;Name=Smp_166230.1;product=Alanine
racemase;date_creation=2022-08-02
SM_V9_5 iris    exon    23816230        23816619        .       +
        .       Parent=Smp_166230.1;Name=b3a76605-eac0-48c6-bd82-
dc5ef28e44b5
SM_V9_5 iris    exon    23820466        23820723        .       +
        .       Parent=Smp_166230.1;Name=2822d103-
bc5d-4085-98bc-7b0eaa20a5cb
SM_V9_5 iris    exon    23822980        23823334        .       +
        .
Parent=Smp_166230.1;Name=3609dd81-1e17-47ec-9cf7-75f62f54d860
SM_V9_5 iris    CDS     23816443        23816619        .       +
        0       Parent=Smp_166230.1
SM_V9_5 iris    CDS     23820466        23820723        .       +
        0       Parent=Smp_166230.1
SM_V9_5 iris    CDS     23822980        23823078        .       +
        0       Parent=Smp_166230.1
SM_V9_5 Liftoff gene    23825398        23838612        .       +
        .       ID=Smp_081790;geneID=Smp_081790
SM_V9_5 Liftoff mRNA    23825398        23838612        .       +
        .
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de diphosphate kinase
6;polypeptide_domain=InterPro:IPR001564,IPR034907
Pfam:PF00334;Ontology_term=GO:0004550,GO:0006165,GO:0006183,GO:00062
28,GO:0006241
SM_V9_5 Liftoff exon    23825398        23827196        .       +
        .       Parent=Smp_081790.1
SM_V9_5 Liftoff exon    23828455        23828557        .       +
        .       Parent=Smp_081790.1
SM_V9_5 Liftoff exon    23830723        23830762        .       +
        .       Parent=Smp_081790.1
SM_V9_5 Liftoff exon    23831870        23831953        .       +
        .       Parent=Smp_081790.1
SM_V9_5 Liftoff exon    23834596        23834672        .       +
        .       Parent=Smp_081790.1
SM_V9_5 Liftoff exon    23838323        23838612        .       +
        .       Parent=Smp_081790.1
SM_V9_5 Liftoff CDS     23827128        23827196        .       +
        0       Parent=Smp_081790.1
SM_V9_5 Liftoff CDS     23828455        23828557        .       +
        0       Parent=Smp_081790.1
SM_V9_5 Liftoff CDS     23830723        23830762        .       +
        2       Parent=Smp_081790.1
SM_V9_5 Liftoff CDS     23831870        23831953        .       +
        1       Parent=Smp_081790.1
SM_V9_5 Liftoff CDS     23834596        23834672        .       +
        1       Parent=Smp_081790.1
SM_V9_5 Liftoff CDS     23838323        23838399        .       +
        2       Parent=Smp_081790.1
SM_V9_5 iris    gene    23845472        23871388        .       +
        .
ID=Smp_266850;geneID=Smp_266850;gene_name=Smp_266850;owner=irisadmin
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SM_V9_5 iris    mRNA    23845472        23871388        .       +
        .
ID=Smp_266850.1;Parent=Smp_266850;geneID=Smp_266850;gene_name=Smp_26
6850;owner=irisadmin@local.host;orig_id=Smp_266850.1;date_last_modif
ied=2022-08-02;Name=Smp_266850.1;product=Pre-mRNA-splicing factor
SYF1;date_creation=2022-08-02
SM_V9_5 iris    exon    23845472        23845521        .       +
        .       Parent=Smp_266850.1;Name=550e2402-1998-4648-
a22e-94418b9af3be
SM_V9_5 iris    exon    23850057        23850128        .       +
        .       Parent=Smp_266850.1;Name=32fed74d-
d32e-4742-80f2-41c821743a0a
SM_V9_5 iris    exon    23850186        23850334        .       +
        .
Parent=Smp_266850.1;Name=66fdf5a2-42b0-4781-9225-3d8f7069754f
SM_V9_5 iris    exon    23850387        23850510        .       +
        .
Parent=Smp_266850.1;Name=04e9fcf0-787a-4c98-86b3-6d4f8c81c553
SM_V9_5 iris    exon    23850557        23850760        .       +
        .       Parent=Smp_266850.1;Name=5c22870a-8140-40bf-be97-
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SM_V9_5 iris    exon    23850813        23851052        .       +
        .       Parent=Smp_266850.1;Name=9e167be2-0004-4c62-a584-
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SM_V9_5 iris    exon    23851094        23851298        .       +
        .
Parent=Smp_266850.1;Name=d9f0044d-421c-4ca0-9d07-92fc64a332cb
SM_V9_5 iris    exon    23851740        23851937        .       +
        .       Parent=Smp_266850.1;Name=ac0c0f21-1373-44ac-aef5-
c0de9c192614
SM_V9_5 iris    exon    23852823        23853003        .       +
        .       Parent=Smp_266850.1;Name=dc10d571-
b42c-4f54-841a-9434e7b0152b
SM_V9_5 iris    exon    23856377        23856548        .       +
        .       Parent=Smp_266850.1;Name=d7d525a3-0ec8-4f49-b708-
ff052d801637
SM_V9_5 iris    exon    23857736        23857840        .       +
        .       Parent=Smp_266850.1;Name=a866e990-ba5c-4b90-808a-
efe83054c014
SM_V9_5 iris    exon    23860592        23860678        .       +
        .       Parent=Smp_266850.1;Name=b51505b8-8b1d-4706-84cf-
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SM_V9_5 iris    exon    23863128        23863203        .       +
        .       Parent=Smp_266850.1;Name=e2b180da-a9a8-495c-bdf9-
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SM_V9_5 iris    exon    23865195        23865304        .       +
        .
Parent=Smp_266850.1;Name=74475ca6-2866-4940-9628-239de84fa51c
SM_V9_5 iris    exon    23865583        23865786        .       +
        .
Parent=Smp_266850.1;Name=c8b2fd11-1067-4562-914f-944e405b9d5a
SM_V9_5 iris    exon    23866970        23867141        .       +
        .       Parent=Smp_266850.1;Name=9c0780fe-7608-4056-
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SM_V9_5 iris    exon    23869495        23869812        .       +
        .       Parent=Smp_266850.1;Name=03caec6d-
c531-4223-8d90-8a9eab497b5c
SM_V9_5 iris    exon    23871086        23871388        .       +
        .       Parent=Smp_266850.1;Name=a0483eb0-76f9-4a44-90b0-
af842d0bd8b8
SM_V9_5 iris    CDS     23850102        23850128        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23850186        23850334        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23850387        23850510        .       +
        1       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23850557        23850760        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23850813        23851052        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23851094        23851298        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23851740        23851937        .       +
        2       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23852823        23853003        .       +
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        2       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23856377        23856548        .       +
        1       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23857736        23857840        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23860592        23860678        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23863128        23863203        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23865195        23865304        .       +
        2       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23865583        23865786        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23866970        23867141        .       +
        0       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23869495        23869812        .       +
        2       Parent=Smp_266850.1
SM_V9_5 iris    CDS     23871086        23871174        .       +
        2       Parent=Smp_266850.1
SM_V9_5 Liftoff gene    23881556        23892990        .       -
        .
ID=Smp_081820;geneID=Smp_081820;previous_systematic_id=Smp_166260
SM_V9_5 Liftoff mRNA    23881556        23892990        .       -
        .
ID=Smp_081820.1;Parent=Smp_081820;geneID=Smp_081820;product=Probable
very-long-chain enoyl-CoA reductase
art-1;polypeptide_domain=InterPro:IPR001104,IPR029071
Pfam:PF02544;Ontology_term=GO:0005737,GO:0006629,GO:0016021,GO:00166
27
SM_V9_5 Liftoff exon    23881556        23881880        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff exon    23884724        23884919        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff exon    23890046        23890089        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff exon    23891459        23891869        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff exon    23892663        23892707        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff exon    23892742        23892793        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff exon    23892835        23892885        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff exon    23892917        23892990        .       -
        .       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23881753        23881880        .       -
        2       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23884724        23884919        .       -
        0       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23890046        23890089        .       -
        2       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23891459        23891869        .       -
        2       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23892663        23892707        .       -
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        2       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23892742        23892793        .       -
        0       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23892835        23892885        .       -
        0       Parent=Smp_081820.1
SM_V9_5 Liftoff CDS     23892917        23892922        .       -
        0       Parent=Smp_081820.1
SM_V9_5 Liftoff gene    23955805        23960638        .       -
        .       ID=Smp_088310;geneID=Smp_088310
SM_V9_5 Liftoff mRNA    23955805        23960638        .       -
        .
ID=Smp_088310.1;Parent=Smp_088310;geneID=Smp_088310;product=Sesquipe
dalian-1;polypeptide_domain=InterPro:IPR001849,IPR011993
Pfam:PF00169
SM_V9_5 Liftoff exon    23955805        23956487        .       -
        .       Parent=Smp_088310.1
SM_V9_5 Liftoff exon    23958426        23960638        .       -
        .       Parent=Smp_088310.1
SM_V9_5 Liftoff CDS     23956056        23956487        .       -
        0       Parent=Smp_088310.1
SM_V9_5 Liftoff CDS     23958426        23958731        .       -
        0       Parent=Smp_088310.1
SM_V9_5 iris    gene    23969142        23981342        .       +
        .
ID=Smp_170210;geneID=Smp_170210;gene_name=Smp_170210;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_5 iris    mRNA    23969142        23981342        .       +
        .
ID=Smp_170210.1;Parent=Smp_170210;geneID=Smp_170210;gene_name=Smp_17
0210;owner=irisadmin@local.host;orig_id=Smp_170210.1;date_last_modif
ied=2022-07-18;Name=Smp_170210.1;product=Tektin-
B1;date_creation=2022-07-18
SM_V9_5 iris    exon    23969142        23969172        .       +
        .       Parent=Smp_170210.1;Name=cef46e27-2a0e-4ecf-9a54-
dac7ecbeedfd
SM_V9_5 iris    exon    23970241        23970435        .       +
        .       Parent=Smp_170210.1;Name=65d45115-b387-48d5-a94f-
a4ae6dbbcbed
SM_V9_5 iris    exon    23972652        23972907        .       +
        .       Parent=Smp_170210.1;Name=eae7f982-4c80-4f15-
ab03-42c032f841db
SM_V9_5 iris    exon    23974164        23974378        .       +
        .       Parent=Smp_170210.1;Name=c459883d-80bf-49ee-9ad2-
dec5780fa461
SM_V9_5 iris    exon    23976586        23976808        .       +
        .
Parent=Smp_170210.1;Name=66ac5714-409e-4a4a-82ca-012c8ae2cc08
SM_V9_5 iris    exon    23978515        23978738        .       +
        .       Parent=Smp_170210.1;Name=5996d023-0472-47ad-
b05e-0a7ca42b1dab
SM_V9_5 iris    exon    23980614        23981342        .       +
        .       Parent=Smp_170210.1;Name=0c24b118-
e446-4746-8865-35787ed40815
SM_V9_5 iris    CDS     23970278        23970435        .       +
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        0       Parent=Smp_170210.1
SM_V9_5 iris    CDS     23972652        23972907        .       +
        1       Parent=Smp_170210.1
SM_V9_5 iris    CDS     23974164        23974378        .       +
        0       Parent=Smp_170210.1
SM_V9_5 iris    CDS     23976586        23976808        .       +
        1       Parent=Smp_170210.1
SM_V9_5 iris    CDS     23978515        23978738        .       +
        0       Parent=Smp_170210.1
SM_V9_5 iris    CDS     23980614        23980809        .       +
        1       Parent=Smp_170210.1
SM_V9_5 iris    gene    24004086        24020898        .       -
        .
ID=Smp_170200;geneID=Smp_170200;gene_name=Smp_170200;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_5 iris    mRNA    24004086        24020898        .       -
        .
ID=Smp_170200.1;Parent=Smp_170200;geneID=Smp_170200;gene_name=Smp_17
0200;owner=irisadmin@local.host;orig_id=Smp_170200.1;date_last_modif
ied=2022-08-18;Name=Smp_170200.1;product=Alpha-tocopherol transfer
protein-like;date_creation=2022-08-18
SM_V9_5 iris    exon    24004086        24005033        .       -
        .       Parent=Smp_170200.1;Name=83e4c920-f95b-4ccf-
a63a-485b6f1fe48d
SM_V9_5 iris    exon    24007983        24008090        .       -
        .       Parent=Smp_170200.1;Name=571a71bf-f68a-440b-
be4e-3276b4c1aa2f
SM_V9_5 iris    exon    24009780        24010013        .       -
        .
Parent=Smp_170200.1;Name=d0064814-90d4-41c9-8b08-62c930b00677
SM_V9_5 iris    exon    24013805        24014115        .       -
        .       Parent=Smp_170200.1;Name=26e4805f-
ea00-437c-89dd-45753589ae46
SM_V9_5 iris    exon    24015321        24015507        .       -
        .       Parent=Smp_170200.1;Name=4b8f8f84-ac19-4936-
abd1-876844009401
SM_V9_5 iris    exon    24020843        24020898        .       -
        .
Parent=Smp_170200.1;Name=a249939f-385b-41df-86be-62cb751ef073
SM_V9_5 iris    CDS     24004944        24005033        .       -
        0       Parent=Smp_170200.1
SM_V9_5 iris    CDS     24007983        24008090        .       -
        0       Parent=Smp_170200.1
SM_V9_5 iris    CDS     24009780        24010013        .       -
        0       Parent=Smp_170200.1
SM_V9_5 iris    CDS     24013805        24014115        .       -
        2       Parent=Smp_170200.1
SM_V9_5 iris    CDS     24015321        24015450        .       -
        0       Parent=Smp_170200.1
SM_V9_5 iris    gene    24032863        24064648        .       -
        .
ID=Smp_315010;geneID=Smp_315010;gene_name=Smp_315010;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-18
SM_V9_5 iris    mRNA    24032863        24064648        .       -
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        .
ID=Smp_315010.2;Parent=Smp_315010;geneID=Smp_315010;gene_name=Smp_31
5010;owner=irisadmin@local.host;orig_id=Smp_315010.2;date_last_modif
ied=2022-08-18;Name=Smp_315010.2;product=FACT complex subunit
spt16;date_creation=2022-07-18
SM_V9_5 iris    exon    24032863        24033249        .       -
        .       Parent=Smp_315010.2;Name=61a5160e-3d83-4e7c-
b676-0dc215b6b9f3
SM_V9_5 iris    exon    24036496        24036718        .       -
        .       Parent=Smp_315010.2;Name=b218254a-7478-4837-99f9-
c9236a5dec0c
SM_V9_5 iris    exon    24039418        24039544        .       -
        .       Parent=Smp_315010.2;Name=6fae6b16-
fd84-40bf-8cd5-83448f1d93f4
SM_V9_5 iris    exon    24041152        24041376        .       -
        .
Parent=Smp_315010.2;Name=e5f6d287-0c90-41a2-9f6b-31c55bbf15ff
SM_V9_5 iris    exon    24042012        24042277        .       -
        .
Parent=Smp_315010.2;Name=b5f4c2ca-1685-41da-88c7-3349b4f2fd3e
SM_V9_5 iris    exon    24042976        24043118        .       -
        .       Parent=Smp_315010.2;Name=85306bfa-eef5-4afa-8cbb-
bf33b6901a1b
SM_V9_5 iris    exon    24043495        24043762        .       -
        .       Parent=Smp_315010.2;Name=8579a2b8-c058-44c8-88db-
c7fe90d63836
SM_V9_5 iris    exon    24044712        24044881        .       -
        .       Parent=Smp_315010.2;Name=c42c4280-1d45-4ec6-b81f-
a20d83cef4db
SM_V9_5 iris    exon    24048095        24048293        .       -
        .       Parent=Smp_315010.2;Name=8d6dced1-630c-4e43-9883-
b5ce1d9ab255
SM_V9_5 iris    exon    24050161        24050547        .       -
        .       Parent=Smp_315010.2;Name=891baf7f-4270-4db3-
ab43-965d9ce2c264
SM_V9_5 iris    exon    24054180        24054285        .       -
        .       Parent=Smp_315010.2;Name=aa590b2d-7b38-493e-
bb63-8958201218eb
SM_V9_5 iris    exon    24056660        24056750        .       -
        .       Parent=Smp_315010.2;Name=c05cb787-40f7-484a-
b77a-53c7c684dd3c
SM_V9_5 iris    exon    24058284        24058456        .       -
        .       Parent=Smp_315010.2;Name=1ab430a2-717c-4b04-bfcc-
db2f8fd83b29
SM_V9_5 iris    exon    24060134        24060285        .       -
        .       Parent=Smp_315010.2;Name=e6672979-720b-4a11-8c25-
fb17364f47fd
SM_V9_5 iris    exon    24063871        24064170        .       -
        .       Parent=Smp_315010.2;Name=6b32462a-ee6a-462f-95cd-
effc6789d35b
SM_V9_5 iris    exon    24064203        24064358        .       -
        .
Parent=Smp_315010.2;Name=16c72881-9430-4d14-9180-1483402e07d2
SM_V9_5 iris    exon    24064393        24064482        .       -
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        .       Parent=Smp_315010.2;Name=262f3389-
abef-4b7f-8831-6160a3c00231
SM_V9_5 iris    exon    24064527        24064648        .       -
        .       Parent=Smp_315010.2;Name=ff12701c-a548-4204-a904-
e12fe0ac6e7a
SM_V9_5 iris    CDS     24033119        24033249        .       -
        2       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24036496        24036718        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24039418        24039544        .       -
        1       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24041152        24041376        .       -
        1       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24042012        24042277        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24042976        24043118        .       -
        2       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24043495        24043762        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24044712        24044881        .       -
        2       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24048095        24048293        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24050161        24050547        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24054180        24054285        .       -
        1       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24056660        24056750        .       -
        2       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24058284        24058456        .       -
        1       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24060134        24060285        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24063871        24064170        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24064203        24064358        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24064393        24064482        .       -
        0       Parent=Smp_315010.2
SM_V9_5 iris    CDS     24064527        24064595        .       -
        0       Parent=Smp_315010.2
SM_V9_5 Liftoff gene    24080917        24101078        .       -
        .       ID=Smp_088270;geneID=Smp_088270
SM_V9_5 Liftoff mRNA    24080917        24101078        .       -
        .
ID=Smp_088270.1;Parent=Smp_088270;geneID=Smp_088270;product=Carboxyp
eptidase
A2;polypeptide_domain=InterPro:IPR000834,IPR003146,IPR009020,IPR0342
23
Pfam:PF00246,PF02244;Ontology_term=GO:0004180,GO:0004181,GO:0006508,
GO:0008270
SM_V9_5 Liftoff exon    24080917        24081223        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24082482        24082566        .       -
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        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24083846        24084054        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24085513        24085603        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24086488        24086583        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24089333        24089431        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24091099        24091197        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24092514        24092610        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24094468        24094610        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24096737        24096812        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff exon    24100605        24101078        .       -
        .       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24081039        24081223        .       -
        2       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24082482        24082566        .       -
        0       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24083846        24084054        .       -
        2       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24085513        24085603        .       -
        0       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24086488        24086583        .       -
        0       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24089333        24089431        .       -
        0       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24091099        24091197        .       -
        0       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24092514        24092610        .       -
        1       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24094468        24094610        .       -
        0       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24096737        24096812        .       -
        1       Parent=Smp_088270.1
SM_V9_5 Liftoff CDS     24100605        24100717        .       -
        0       Parent=Smp_088270.1
SM_V9_6 Liftoff gene    54346   58082   .       +       .
ID=Smp_187410;geneID=Smp_187410
SM_V9_6 Liftoff mRNA    54346   58082   .       +       .
ID=Smp_187410.1;Parent=Smp_187410;geneID=Smp_187410;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR017853
SM_V9_6 Liftoff exon    54346   55096   .       +       .
Parent=Smp_187410.1
SM_V9_6 Liftoff exon    55338   55562   .       +       .
Parent=Smp_187410.1
SM_V9_6 Liftoff exon    57715   58082   .       +       .
Parent=Smp_187410.1
SM_V9_6 Liftoff CDS     54986   55096   .       +       0
Parent=Smp_187410.1
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SM_V9_6 Liftoff CDS     55338   55562   .       +       0
Parent=Smp_187410.1
SM_V9_6 Liftoff CDS     57715   58044   .       +       0
Parent=Smp_187410.1
SM_V9_6 iris    gene    183426  196053  .       +       .
ID=Smp_332150;geneID=Smp_332150;gene_name=Smp_332150;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_6 iris    mRNA    183426  196053  .       +       .
ID=Smp_332150.1;Parent=Smp_332150;geneID=Smp_332150;gene_name=Smp_33
2150;owner=irisadmin@local.host;orig_id=Smp_332150.1;date_last_modif
ied=2022-11-13;Name=Smp_332150.1;product=Endoglycoceramidase;date_cr
eation=2022-11-13
SM_V9_6 iris    exon    183426  184345  .       +       .
Parent=Smp_332150.1;Name=026e73a6-e69b-4bee-af60-cc8c68245dfe
SM_V9_6 iris    exon    189905  190188  .       +       .
Parent=Smp_332150.1;Name=83e1b95a-da9d-42bd-83c8-b373c2901c1d
SM_V9_6 iris    exon    192402  192626  .       +       .
Parent=Smp_332150.1;Name=992e0efd-3d80-4429-99e5-d9ae8b16586a
SM_V9_6 iris    exon    195571  196053  .       +       .
Parent=Smp_332150.1;Name=bc911ad9-9cb5-4529-ad08-c3da6fcab371
SM_V9_6 iris    CDS     183583  184345  .       +       0
Parent=Smp_332150.1
SM_V9_6 iris    CDS     189905  190188  .       +       2
Parent=Smp_332150.1
SM_V9_6 iris    CDS     192402  192626  .       +       0
Parent=Smp_332150.1
SM_V9_6 iris    CDS     195571  195696  .       +       0
Parent=Smp_332150.1
SM_V9_6 iris    gene    209871  213257  .       +       .
ID=Smp_349140;geneID=Smp_349140;gene_name=Smp_349140;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_6 iris    mRNA    209871  213257  .       +       .
ID=Smp_349140.1;Parent=Smp_349140;geneID=Smp_349140;gene_name=Smp_34
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ied=2022-11-13;Name=Smp_349140.1;date_creation=2022-11-13
SM_V9_6 iris    exon    209871  209897  .       +       .
Parent=Smp_349140.1;Name=Smp_349140.1-CDS
SM_V9_6 iris    exon    210285  210306  .       +       .
Parent=Smp_349140.1;Name=6be434e3-94fb-47bc-8669-9384c770751b
SM_V9_6 iris    exon    211023  211052  .       +       .
Parent=Smp_349140.1;Name=c7396824-6478-491a-afaf-1dcb87da1246
SM_V9_6 iris    exon    211808  211825  .       +       .
Parent=Smp_349140.1;Name=d9287fdf-fe0e-401c-b5e5-6c5bedc5a5b6
SM_V9_6 iris    exon    212552  212557  .       +       .
Parent=Smp_349140.1;Name=852852d8-5aa4-48f9-be79-7642786cec83
SM_V9_6 iris    exon    212975  213257  .       +       .
Parent=Smp_349140.1;Name=451b34f8-4fd7-4fcc-a281-4f42c5297b23
SM_V9_6 iris    CDS     209872  209897  .       +       0
Parent=Smp_349140.1
SM_V9_6 iris    CDS     210285  210306  .       +       1
Parent=Smp_349140.1
SM_V9_6 iris    CDS     211023  211052  .       +       0
Parent=Smp_349140.1
SM_V9_6 iris    CDS     211808  211825  .       +       0
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Parent=Smp_349140.1
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Parent=Smp_349140.1
SM_V9_6 Liftoff gene    220064  224032  .       -       .
ID=Smp_331110;geneID=Smp_331110
SM_V9_6 Liftoff mRNA    220064  224032  .       -       .
ID=Smp_331110.1;Parent=Smp_331110;geneID=Smp_331110;product=Glycerol
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SM_V9_6 Liftoff exon    220064  220734  .       -       .
Parent=Smp_331110.1
SM_V9_6 Liftoff exon    222659  222706  .       -       .
Parent=Smp_331110.1
SM_V9_6 Liftoff exon    223500  223727  .       -       .
Parent=Smp_331110.1
SM_V9_6 Liftoff exon    224004  224032  .       -       .
Parent=Smp_331110.1
SM_V9_6 Liftoff CDS     220699  220734  .       -       0
Parent=Smp_331110.1
SM_V9_6 Liftoff CDS     222659  222706  .       -       0
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SM_V9_6 Liftoff CDS     224004  224006  .       -       0
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ID=Smp_179390;geneID=Smp_179390
SM_V9_6 Liftoff mRNA    297343  298543  .       +       .
ID=Smp_179390.1;Parent=Smp_179390;geneID=Smp_179390;product=50S
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SM_V9_6 Liftoff exon    297343  297435  .       +       .
Parent=Smp_179390.1
SM_V9_6 Liftoff exon    298212  298292  .       +       .
Parent=Smp_179390.1
SM_V9_6 Liftoff exon    298391  298543  .       +       .
Parent=Smp_179390.1
SM_V9_6 Liftoff CDS     297343  297435  .       +       0
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SM_V9_6 Liftoff CDS     298212  298292  .       +       0
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SM_V9_6 Liftoff CDS     298391  298543  .       +       0
Parent=Smp_179390.1
SM_V9_6 Liftoff gene    301200  301682  .       -       .
ID=Smp_179400;geneID=Smp_179400
SM_V9_6 Liftoff mRNA    301200  301682  .       -       .
ID=Smp_179400.1;Parent=Smp_179400;geneID=Smp_179400;product=Lamin
Dm0
SM_V9_6 Liftoff exon    301200  301386  .       -       .
Parent=Smp_179400.1
SM_V9_6 Liftoff exon    301417  301682  .       -       .
Parent=Smp_179400.1
SM_V9_6 Liftoff CDS     301200  301386  .       -       1
Parent=Smp_179400.1
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SM_V9_6 Liftoff CDS     301417  301682  .       -       0
Parent=Smp_179400.1
SM_V9_6 Liftoff gene    344625  347682  .       -       .
ID=Smp_333360;geneID=Smp_333360;note=psid:Smp_246980
SM_V9_6 Liftoff mRNA    344625  347682  .       -       .
ID=Smp_333360.1;Parent=Smp_333360;geneID=Smp_333360;product=Geranylg
eranyl pyrophosphate synthase 6, mitochondrial
SM_V9_6 Liftoff exon    344625  347682  .       -       .
Parent=Smp_333360.1
SM_V9_6 Liftoff CDS     345922  346122  .       -       0
Parent=Smp_333360.1
SM_V9_6 iris    gene    419249  440894  .       +       .
ID=Smp_331120;geneID=Smp_331120;gene_name=Smp_331120;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_6 iris    mRNA    419249  440894  .       +       .
ID=Smp_331120.1;Parent=Smp_331120;geneID=Smp_331120;gene_name=Smp_33
1120;owner=irisadmin@local.host;orig_id=Smp_331120.1;date_last_modif
ied=2022-07-17;Name=Smp_331120.1;product=Annexin
A10;date_creation=2022-07-17
SM_V9_6 iris    exon    419249  419339  .       +       .
Parent=Smp_331120.1;Name=d9553451-b7c9-4d7c-9465-a5b51bb34e8f
SM_V9_6 iris    exon    420035  420051  .       +       .
Parent=Smp_331120.1;Name=105e7388-6672-4f43-9b19-39439573e3da
SM_V9_6 iris    exon    421378  421502  .       +       .
Parent=Smp_331120.1;Name=835c20c3-0e0d-4ca6-a1b1-9006e2bb41fc
SM_V9_6 iris    exon    422501  422595  .       +       .
Parent=Smp_331120.1;Name=6c67a360-e719-41e7-9ab1-efafd57b06f8
SM_V9_6 iris    exon    423496  423694  .       +       .
Parent=Smp_331120.1;Name=5f40f30a-547e-47f5-aa89-f5e3f4f25953
SM_V9_6 iris    exon    424681  424879  .       +       .
Parent=Smp_331120.1;Name=90d3fe7a-3cc5-476e-b413-0b62a42772cf
SM_V9_6 iris    exon    427727  427811  .       +       .
Parent=Smp_331120.1;Name=ded18ac9-08a2-45a7-b1cc-e08b6af026d9
SM_V9_6 iris    exon    429070  429145  .       +       .
Parent=Smp_331120.1;Name=0843ccec-0347-44ee-b46e-fc7a5d5e65d2
SM_V9_6 iris    exon    431912  432024  .       +       .
Parent=Smp_331120.1;Name=0a88e8cc-cf93-424e-a46f-14b9a2f21ec3
SM_V9_6 iris    exon    440590  440894  .       +       .
Parent=Smp_331120.1;Name=27b0ef33-1224-4bb6-9242-4937863d52c5
SM_V9_6 iris    CDS     419274  419339  .       +       0
Parent=Smp_331120.1
SM_V9_6 iris    CDS     420035  420051  .       +       0
Parent=Smp_331120.1
SM_V9_6 iris    CDS     421378  421502  .       +       1
Parent=Smp_331120.1
SM_V9_6 iris    CDS     422501  422595  .       +       2
Parent=Smp_331120.1
SM_V9_6 iris    CDS     423496  423694  .       +       0
Parent=Smp_331120.1
SM_V9_6 iris    CDS     424681  424879  .       +       2
Parent=Smp_331120.1
SM_V9_6 iris    CDS     427727  427811  .       +       1
Parent=Smp_331120.1
SM_V9_6 iris    CDS     429070  429145  .       +       0
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Parent=Smp_331120.1
SM_V9_6 iris    CDS     431912  432024  .       +       2
Parent=Smp_331120.1
SM_V9_6 iris    CDS     440590  440784  .       +       0
Parent=Smp_331120.1
SM_V9_6 iris    gene    448674  475751  .       +       .
ID=Smp_315060;geneID=Smp_315060;gene_name=Smp_315060;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_6 iris    mRNA    448674  475751  .       +       .
ID=Smp_315060.1;Parent=Smp_315060;geneID=Smp_315060;gene_name=Smp_31
5060;owner=irisadmin@local.host;orig_id=Smp_315060.1;date_last_modif
ied=2022-07-17;Name=Smp_315060.1;product=Annexin
B11;date_creation=2022-07-17
SM_V9_6 iris    exon    448674  448884  .       +       .
Parent=Smp_315060.1;Name=02622076-1e72-4ce9-ac96-4f173cc8f541
SM_V9_6 iris    exon    450409  450425  .       +       .
Parent=Smp_315060.1;Name=cc5573a9-b50f-4054-bef7-b450baa4d1c8
SM_V9_6 iris    exon    452463  452587  .       +       .
Parent=Smp_315060.1;Name=af5d56fd-22db-4c35-8984-8aae461d8e87
SM_V9_6 iris    exon    453719  453741  .       +       .
Parent=Smp_315060.1;Name=995f6822-1399-4a24-9dc3-9c5d590a4b11
SM_V9_6 iris    exon    455462  455478  .       +       .
Parent=Smp_315060.1;Name=749e27ff-d25c-4fc7-8a38-09395c570734
SM_V9_6 iris    exon    457092  457216  .       +       .
Parent=Smp_315060.1;Name=4a271407-9311-4b26-b68d-ec108562b4da
SM_V9_6 iris    exon    458234  458256  .       +       .
Parent=Smp_315060.1;Name=d73c70a0-690c-4fd3-a40a-aede78ac5a64
SM_V9_6 iris    exon    459427  459443  .       +       .
Parent=Smp_315060.1;Name=5656a6e1-3fef-4bba-9c94-5869058a8d93
SM_V9_6 iris    exon    461061  461188  .       +       .
Parent=Smp_315060.1;Name=ce800687-dd23-4964-ac5b-fb1812bbd686
SM_V9_6 iris    exon    463280  463371  .       +       .
Parent=Smp_315060.1;Name=5d56120f-2273-4129-9f93-119e8b5d65dd
SM_V9_6 iris    exon    465151  465349  .       +       .
Parent=Smp_315060.1;Name=85868d6b-4c82-40c4-bf43-a1ba6c9aee86
SM_V9_6 iris    exon    467026  467221  .       +       .
Parent=Smp_315060.1;Name=197ecc0e-3a57-4f41-87a0-ccda5daf0ba4
SM_V9_6 iris    exon    469283  469367  .       +       .
Parent=Smp_315060.1;Name=9531e012-d0ce-4b44-972c-9229f1e7cb98
SM_V9_6 iris    exon    471213  471288  .       +       .
Parent=Smp_315060.1;Name=0ca882d6-9225-4aa5-bd1f-3180d69143d7
SM_V9_6 iris    exon    473775  473887  .       +       .
Parent=Smp_315060.1;Name=edb47868-3c5b-4cd1-9746-82d8eccb8f0b
SM_V9_6 iris    exon    475470  475751  .       +       .
Parent=Smp_315060.1;Name=721edc75-470d-495b-b881-67fd89508610
SM_V9_6 iris    CDS     448819  448884  .       +       0
Parent=Smp_315060.1
SM_V9_6 iris    CDS     450409  450425  .       +       0
Parent=Smp_315060.1
SM_V9_6 iris    CDS     452463  452587  .       +       1
Parent=Smp_315060.1
SM_V9_6 iris    CDS     453719  453741  .       +       2
Parent=Smp_315060.1
SM_V9_6 iris    CDS     455462  455478  .       +       0
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Parent=Smp_315060.1
SM_V9_6 iris    CDS     457092  457216  .       +       1
Parent=Smp_315060.1
SM_V9_6 iris    CDS     458234  458256  .       +       2
Parent=Smp_315060.1
SM_V9_6 iris    CDS     459427  459443  .       +       0
Parent=Smp_315060.1
SM_V9_6 iris    CDS     461061  461188  .       +       1
Parent=Smp_315060.1
SM_V9_6 iris    CDS     463280  463371  .       +       2
Parent=Smp_315060.1
SM_V9_6 iris    CDS     465151  465349  .       +       0
Parent=Smp_315060.1
SM_V9_6 iris    CDS     467026  467221  .       +       2
Parent=Smp_315060.1
SM_V9_6 iris    CDS     469283  469367  .       +       1
Parent=Smp_315060.1
SM_V9_6 iris    CDS     471213  471288  .       +       0
Parent=Smp_315060.1
SM_V9_6 iris    CDS     473775  473887  .       +       2
Parent=Smp_315060.1
SM_V9_6 iris    CDS     475470  475613  .       +       0
Parent=Smp_315060.1
SM_V9_6 Liftoff gene    482350  491327  .       -       .
ID=Smp_317220;geneID=Smp_317220
SM_V9_6 Liftoff mRNA    482350  491327  .       -       .
ID=Smp_317220.1;Parent=Smp_317220;geneID=Smp_317220;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_6 Liftoff exon    482350  482763  .       -       .
Parent=Smp_317220.1
SM_V9_6 Liftoff exon    483869  484088  .       -       .
Parent=Smp_317220.1
SM_V9_6 Liftoff exon    489657  489946  .       -       .
Parent=Smp_317220.1
SM_V9_6 Liftoff exon    490713  491327  .       -       .
Parent=Smp_317220.1
SM_V9_6 Liftoff CDS     482693  482763  .       -       2
Parent=Smp_317220.1
SM_V9_6 Liftoff CDS     483869  484088  .       -       0
Parent=Smp_317220.1
SM_V9_6 Liftoff CDS     489657  489946  .       -       2
Parent=Smp_317220.1
SM_V9_6 Liftoff CDS     490713  491301  .       -       0
Parent=Smp_317220.1
SM_V9_6 Liftoff gene    546406  551077  .       -       .
ID=Smp_317230;geneID=Smp_317230
SM_V9_6 Liftoff mRNA    546406  551077  .       -       .
ID=Smp_317230.1;Parent=Smp_317230;geneID=Smp_317230;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_6 Liftoff exon    546406  546819  .       -       .
Parent=Smp_317230.1
SM_V9_6 Liftoff exon    547283  547507  .       -       .
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Parent=Smp_317230.1
SM_V9_6 Liftoff exon    548448  548737  .       -       .
Parent=Smp_317230.1
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Parent=Smp_317230.1
SM_V9_6 Liftoff CDS     546508  546819  .       -       0
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SM_V9_6 Liftoff CDS     547283  547507  .       -       0
Parent=Smp_317230.1
SM_V9_6 Liftoff CDS     548448  548737  .       -       2
Parent=Smp_317230.1
SM_V9_6 Liftoff CDS     550273  550969  .       -       0
Parent=Smp_317230.1
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ID=Smp_317240;geneID=Smp_317240
SM_V9_6 Liftoff mRNA    561774  567292  .       -       .
ID=Smp_317240.1;Parent=Smp_317240;geneID=Smp_317240;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR017853
SM_V9_6 Liftoff exon    561774  562187  .       -       .
Parent=Smp_317240.1
SM_V9_6 Liftoff exon    562651  562875  .       -       .
Parent=Smp_317240.1
SM_V9_6 Liftoff exon    567101  567292  .       -       .
Parent=Smp_317240.1
SM_V9_6 Liftoff CDS     561876  562187  .       -       0
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SM_V9_6 Liftoff CDS     562651  562875  .       -       0
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SM_V9_6 Liftoff CDS     567101  567133  .       -       0
Parent=Smp_317240.1
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ID=Smp_317250;geneID=Smp_317250
SM_V9_6 Liftoff mRNA    581311  586147  .       +       .
ID=Smp_317250.1;Parent=Smp_317250;geneID=Smp_317250;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_6 Liftoff exon    581311  582118  .       +       .
Parent=Smp_317250.1
SM_V9_6 Liftoff exon    583668  583957  .       +       .
Parent=Smp_317250.1
SM_V9_6 Liftoff exon    585046  585270  .       +       .
Parent=Smp_317250.1
SM_V9_6 Liftoff exon    585734  586147  .       +       .
Parent=Smp_317250.1
SM_V9_6 Liftoff CDS     581422  582118  .       +       0
Parent=Smp_317250.1
SM_V9_6 Liftoff CDS     583668  583957  .       +       2
Parent=Smp_317250.1
SM_V9_6 Liftoff CDS     585046  585270  .       +       0
Parent=Smp_317250.1
SM_V9_6 Liftoff CDS     585734  586045  .       +       0
Parent=Smp_317250.1
SM_V9_6 Liftoff gene    602591  609968  .       +       .
ID=Smp_315070;geneID=Smp_315070;previous_systematic_id=Smp_155550
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SM_V9_6 Liftoff mRNA    602591  609968  .       +       .
ID=Smp_315070.1;Parent=Smp_315070;geneID=Smp_315070;product=Serpin
B9;polypeptide_domain=InterPro:IPR023795,IPR023796 Pfam:PF00079
SM_V9_6 Liftoff exon    602591  605743  .       +       .
Parent=Smp_315070.1
SM_V9_6 Liftoff exon    605785  606080  .       +       .
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Parent=Smp_315070.1
SM_V9_6 Liftoff exon    607578  607891  .       +       .
Parent=Smp_315070.1
SM_V9_6 Liftoff exon    609725  609968  .       +       .
Parent=Smp_315070.1
SM_V9_6 Liftoff CDS     605674  605743  .       +       0
Parent=Smp_315070.1
SM_V9_6 Liftoff CDS     605785  606080  .       +       2
Parent=Smp_315070.1
SM_V9_6 Liftoff CDS     606120  606270  .       +       0
Parent=Smp_315070.1
SM_V9_6 Liftoff CDS     606387  606555  .       +       2
Parent=Smp_315070.1
SM_V9_6 Liftoff CDS     607578  607891  .       +       1
Parent=Smp_315070.1
SM_V9_6 Liftoff CDS     609725  609903  .       +       2
Parent=Smp_315070.1
SM_V9_6 iris    gene    660563  666347  .       -       .
ID=Smp_349150;geneID=Smp_349150;gene_name=Smp_349150;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_6 iris    mRNA    660563  666347  .       -       .
ID=Smp_349150.1;Parent=Smp_349150;geneID=Smp_349150;gene_name=Smp_34
9150;owner=irisadmin@local.host;orig_id=Smp_315070.1;date_last_modif
ied=2022-08-02;Name=Smp_349150.1;date_creation=2022-07-17
SM_V9_6 iris    exon    660563  660916  .       -       .
Parent=Smp_349150.1;Name=Smp_349150.1-CDS
SM_V9_6 iris    exon    661868  662016  .       -       .
Parent=Smp_349150.1;Name=d94cc875-6df7-4b47-9870-d83f0e02b20f
SM_V9_6 iris    exon    662897  662974  .       -       .
Parent=Smp_349150.1;Name=4787beec-0b39-4b71-8bb8-8f2fb0ec6567
SM_V9_6 iris    exon    664353  664403  .       -       .
Parent=Smp_349150.1;Name=26b5c90c-0829-4198-ae0e-a15bb8da5a4f
SM_V9_6 iris    exon    665456  665554  .       -       .
Parent=Smp_349150.1;Name=72867b6e-c941-4dda-87c0-258e21b16e2e
SM_V9_6 iris    exon    665825  665894  .       -       .
Parent=Smp_349150.1;Name=9a632518-e27b-4b71-a5e4-c02ba6fe7130
SM_V9_6 iris    exon    665952  666044  .       -       .
Parent=Smp_349150.1;Name=d221a752-04c0-4357-be79-fb44cc67ebbc
SM_V9_6 iris    exon    666082  666226  .       -       .
Parent=Smp_349150.1;Name=727a047b-8e3b-408e-b6d5-3e49ee7de854
SM_V9_6 iris    exon    666310  666347  .       -       .
Parent=Smp_349150.1;Name=a71fe4f2-af69-4da6-952c-830a2b4fdd65
SM_V9_6 iris    CDS     660764  660916  .       -       0
Parent=Smp_349150.1
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SM_V9_6 iris    CDS     661868  662016  .       -       2
Parent=Smp_349150.1
SM_V9_6 iris    CDS     662897  662974  .       -       2
Parent=Smp_349150.1
SM_V9_6 iris    CDS     664353  664403  .       -       2
Parent=Smp_349150.1
SM_V9_6 iris    CDS     665456  665554  .       -       2
Parent=Smp_349150.1
SM_V9_6 iris    CDS     665825  665894  .       -       0
Parent=Smp_349150.1
SM_V9_6 iris    CDS     665952  666044  .       -       0
Parent=Smp_349150.1
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Parent=Smp_349150.1
SM_V9_6 iris    CDS     666310  666314  .       -       0
Parent=Smp_349150.1
SM_V9_6 iris    gene    734209  754142  .       +       .
ID=Smp_334670;geneID=Smp_334670;gene_name=Smp_334670;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_6 iris    mRNA    734209  754142  .       +       .
ID=Smp_334670.1;Parent=Smp_334670;geneID=Smp_334670;gene_name=Smp_33
4670;owner=irisadmin@local.host;orig_id=Smp_334670.1;date_last_modif
ied=2022-08-14;Name=Smp_334670.1;product=Annexin
A5;date_creation=2022-08-14
SM_V9_6 iris    exon    734209  734300  .       +       .
Parent=Smp_334670.1;Name=cccf2da4-4b3b-465e-b74f-6eb76f44a3d9
SM_V9_6 iris    exon    734596  734612  .       +       .
Parent=Smp_334670.1;Name=d4e0ee88-493a-48a8-a5da-d0ab3007d18d
SM_V9_6 iris    exon    736107  736231  .       +       .
Parent=Smp_334670.1;Name=4db8a60b-3d8f-42ca-a7ba-d25e91c29fa5
SM_V9_6 iris    exon    737235  737329  .       +       .
Parent=Smp_334670.1;Name=186a6959-62d0-4e24-81eb-92599d1fac3d
SM_V9_6 iris    exon    738228  738426  .       +       .
Parent=Smp_334670.1;Name=888838ba-1dbc-4bc5-ace1-de2c71106b70
SM_V9_6 iris    exon    742519  742603  .       +       .
Parent=Smp_334670.1;Name=00c92e1b-f867-46da-a6b2-195625f0c308
SM_V9_6 iris    exon    743868  743943  .       +       .
Parent=Smp_334670.1;Name=c368fb2c-3387-4f9e-a428-4aff6927e084
SM_V9_6 iris    exon    747598  747710  .       +       .
Parent=Smp_334670.1;Name=cdd2b6b4-3af8-4c93-83eb-f0472c966c82
SM_V9_6 iris    exon    753539  754142  .       +       .
Parent=Smp_334670.1;Name=ca94ed55-a9eb-4e9b-ad8f-bbf1a3ff6218
SM_V9_6 iris    CDS     734235  734300  .       +       0
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SM_V9_6 iris    CDS     734596  734612  .       +       0
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SM_V9_6 iris    CDS     736107  736231  .       +       1
Parent=Smp_334670.1
SM_V9_6 iris    CDS     737235  737329  .       +       2
Parent=Smp_334670.1
SM_V9_6 iris    CDS     738228  738426  .       +       0
Parent=Smp_334670.1
SM_V9_6 iris    CDS     742519  742529  .       +       2
Parent=Smp_334670.1
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SM_V9_6 Liftoff gene    761774  798991  .       +       .
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SM_V9_6 Liftoff mRNA    761774  798991  .       +       .
ID=Smp_337100.1;Parent=Smp_337100;geneID=Smp_337100;product=Annexin
B11;polypeptide_domain=InterPro:IPR018502;Ontology_term=GO:0005509,G
O:0005544
SM_V9_6 Liftoff exon    761774  788545  .       +       .
Parent=Smp_337100.1
SM_V9_6 Liftoff exon    790218  790413  .       +       .
Parent=Smp_337100.1
SM_V9_6 Liftoff exon    792476  792560  .       +       .
Parent=Smp_337100.1
SM_V9_6 Liftoff exon    794406  794481  .       +       .
Parent=Smp_337100.1
SM_V9_6 Liftoff exon    796969  797081  .       +       .
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SM_V9_6 Liftoff exon    798656  798991  .       +       .
Parent=Smp_337100.1
SM_V9_6 Liftoff CDS     788362  788545  .       +       0
Parent=Smp_337100.1
SM_V9_6 Liftoff CDS     790218  790413  .       +       2
Parent=Smp_337100.1
SM_V9_6 Liftoff CDS     792476  792560  .       +       1
Parent=Smp_337100.1
SM_V9_6 Liftoff CDS     794406  794481  .       +       0
Parent=Smp_337100.1
SM_V9_6 Liftoff CDS     796969  797081  .       +       2
Parent=Smp_337100.1
SM_V9_6 Liftoff CDS     798656  798799  .       +       0
Parent=Smp_337100.1
SM_V9_6 Liftoff mRNA    761774  798991  .       +       .
ID=Smp_337100.2;Parent=Smp_337100;geneID=Smp_337100;product=Annexin
B11;polypeptide_domain=InterPro:IPR018502;Ontology_term=GO:0005509,G
O:0005544
SM_V9_6 Liftoff exon    761774  778757  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    780703  780725  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    781894  781910  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    783525  783652  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    788438  788545  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    790218  790413  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    792476  792560  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    794406  794481  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    796969  797081  .       +       .
Parent=Smp_337100.2
SM_V9_6 Liftoff exon    798656  798991  .       +       .
Parent=Smp_337100.2
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SM_V9_6 Liftoff CDS     778643  778757  .       +       0
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     780703  780725  .       +       2
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     781894  781910  .       +       0
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     783525  783652  .       +       1
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     788438  788545  .       +       2
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     790218  790413  .       +       2
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     792476  792560  .       +       1
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     794406  794481  .       +       0
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     796969  797081  .       +       2
Parent=Smp_337100.2
SM_V9_6 Liftoff CDS     798656  798799  .       +       0
Parent=Smp_337100.2
SM_V9_6 Liftoff mRNA    761774  798991  .       +       .
ID=Smp_337100.3;Parent=Smp_337100;geneID=Smp_337100;product=Annexin
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O:0005544
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SM_V9_6 Liftoff exon    780703  780725  .       +       .
Parent=Smp_337100.3
SM_V9_6 Liftoff exon    781894  781910  .       +       .
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SM_V9_6 Liftoff exon    783525  783652  .       +       .
Parent=Smp_337100.3
SM_V9_6 Liftoff exon    788438  788545  .       +       .
Parent=Smp_337100.3
SM_V9_6 Liftoff exon    790218  790413  .       +       .
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SM_V9_6 Liftoff exon    792476  792560  .       +       .
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SM_V9_6 Liftoff exon    794406  794481  .       +       .
Parent=Smp_337100.3
SM_V9_6 Liftoff exon    796969  797081  .       +       .
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SM_V9_6 Liftoff exon    798656  798991  .       +       .
Parent=Smp_337100.3
SM_V9_6 Liftoff CDS     778643  778757  .       +       0
Parent=Smp_337100.3
SM_V9_6 Liftoff CDS     780703  780725  .       +       2
Parent=Smp_337100.3
SM_V9_6 Liftoff CDS     781894  781910  .       +       0
Parent=Smp_337100.3
SM_V9_6 Liftoff CDS     783525  783652  .       +       1
Parent=Smp_337100.3
SM_V9_6 Liftoff CDS     788438  788545  .       +       2
Parent=Smp_337100.3
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SM_V9_6 Liftoff CDS     790218  790413  .       +       2
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SM_V9_6 Liftoff CDS     792476  792560  .       +       1
Parent=Smp_337100.3
SM_V9_6 Liftoff CDS     794406  794481  .       +       0
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SM_V9_6 Liftoff CDS     796969  797081  .       +       2
Parent=Smp_337100.3
SM_V9_6 Liftoff CDS     798656  798799  .       +       0
Parent=Smp_337100.3
SM_V9_6 Liftoff mRNA    761775  798937  .       +       .
ID=Smp_337100.5;Parent=Smp_337100;geneID=Smp_337100;product=LEAF
RUST 10 DISEASE-RESISTANCE LOCUS RECEPTOR-LIKE PROTEIN KINASE-like
1.1
SM_V9_6 Liftoff exon    761775  761854  .       +       .
Parent=Smp_337100.5
SM_V9_6 Liftoff exon    763960  763976  .       +       .
Parent=Smp_337100.5
SM_V9_6 Liftoff exon    765376  765500  .       +       .
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SM_V9_6 Liftoff exon    766637  766659  .       +       .
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SM_V9_6 Liftoff exon    774214  774338  .       +       .
Parent=Smp_337100.5
SM_V9_6 Liftoff exon    780703  780725  .       +       .
Parent=Smp_337100.5
SM_V9_6 Liftoff exon    781894  781910  .       +       .
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SM_V9_6 Liftoff exon    783525  798937  .       +       .
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SM_V9_6 Liftoff CDS     761843  761854  .       +       0
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SM_V9_6 Liftoff CDS     763960  763976  .       +       0
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SM_V9_6 Liftoff CDS     766637  766659  .       +       2
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SM_V9_6 Liftoff CDS     774214  774338  .       +       1
Parent=Smp_337100.5
SM_V9_6 Liftoff CDS     780703  780725  .       +       2
Parent=Smp_337100.5
SM_V9_6 Liftoff CDS     781894  781910  .       +       0
Parent=Smp_337100.5
SM_V9_6 Liftoff CDS     783525  783669  .       +       1
Parent=Smp_337100.5
SM_V9_6 Liftoff mRNA    761964  798937  .       +       .
ID=Smp_337100.4;Parent=Smp_337100;geneID=Smp_337100;product=Annexin
B11;polypeptide_domain=InterPro:IPR018502;Ontology_term=GO:0005509,G
O:0005544
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SM_V9_6 Liftoff exon    761964  788545  .       +       .
Parent=Smp_337100.4
SM_V9_6 Liftoff exon    790218  790413  .       +       .
Parent=Smp_337100.4
SM_V9_6 Liftoff exon    792476  792560  .       +       .
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SM_V9_6 Liftoff exon    794406  794481  .       +       .
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SM_V9_6 Liftoff exon    796969  797081  .       +       .
Parent=Smp_337100.4
SM_V9_6 Liftoff exon    798656  798937  .       +       .
Parent=Smp_337100.4
SM_V9_6 Liftoff CDS     788362  788545  .       +       0
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SM_V9_6 Liftoff CDS     790218  790413  .       +       2
Parent=Smp_337100.4
SM_V9_6 Liftoff CDS     792476  792560  .       +       1
Parent=Smp_337100.4
SM_V9_6 Liftoff CDS     794406  794481  .       +       0
Parent=Smp_337100.4
SM_V9_6 Liftoff CDS     796969  797081  .       +       2
Parent=Smp_337100.4
SM_V9_6 Liftoff CDS     798656  798799  .       +       0
Parent=Smp_337100.4
SM_V9_6 Liftoff gene    805531  814718  .       -       .
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SM_V9_6 Liftoff mRNA    805531  814718  .       -       .
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Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_6 Liftoff exon    805531  805944  .       -       .
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SM_V9_6 Liftoff exon    807050  807269  .       -       .
Parent=Smp_344740.1
SM_V9_6 Liftoff exon    812850  813139  .       -       .
Parent=Smp_344740.1
SM_V9_6 Liftoff exon    813910  814718  .       -       .
Parent=Smp_344740.1
SM_V9_6 Liftoff CDS     805874  805944  .       -       2
Parent=Smp_344740.1
SM_V9_6 Liftoff CDS     807050  807269  .       -       0
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SM_V9_6 Liftoff CDS     812850  813139  .       -       2
Parent=Smp_344740.1
SM_V9_6 Liftoff CDS     813910  814606  .       -       0
Parent=Smp_344740.1
SM_V9_6 Liftoff gene    833092  841590  .       +       .
ID=Smp_155560;geneID=Smp_155560
SM_V9_6 Liftoff mRNA    833092  841590  .       +       .
ID=Smp_155560.1;Parent=Smp_155560;geneID=Smp_155560;product=Serpin
B9;polypeptide_domain=InterPro:IPR023795,IPR023796 Pfam:PF00079
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Parent=Smp_155560.1
SM_V9_6 Liftoff exon    834246  834541  .       +       .
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SM_V9_6 Liftoff exon    834581  834731  .       +       .
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SM_V9_6 Liftoff exon    834847  835015  .       +       .
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SM_V9_6 Liftoff CDS     834135  834204  .       +       0
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SM_V9_6 Liftoff CDS     834246  834541  .       +       2
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SM_V9_6 Liftoff CDS     834847  835015  .       +       2
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SM_V9_6 Liftoff CDS     836034  836328  .       +       1
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SM_V9_6 Liftoff CDS     840917  841099  .       +       0
Parent=Smp_155560.1
SM_V9_6 Liftoff gene    887014  894353  .       +       .
ID=Smp_305550;geneID=Smp_305550;previous_systematic_id=Smp_155550
SM_V9_6 Liftoff mRNA    887014  894353  .       +       .
ID=Smp_305550.1;Parent=Smp_305550;geneID=Smp_305550;product=Serpin
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Parent=Smp_305550.1
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SM_V9_6 Liftoff exon    888331  888499  .       +       .
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SM_V9_6 Liftoff exon    889505  889799  .       +       .
Parent=Smp_305550.1
SM_V9_6 Liftoff exon    893679  894353  .       +       .
Parent=Smp_305550.1
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SM_V9_6 Liftoff CDS     887729  888024  .       +       2
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SM_V9_6 Liftoff CDS     888064  888214  .       +       0
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SM_V9_6 Liftoff CDS     889505  889799  .       +       1
Parent=Smp_305550.1
SM_V9_6 Liftoff CDS     893679  893861  .       +       0
Parent=Smp_305550.1
SM_V9_6 Liftoff gene    914824  921822  .       +       .
ID=Smp_062120;geneID=Smp_062120
SM_V9_6 Liftoff mRNA    914824  921822  .       +       .
ID=Smp_062120.1;Parent=Smp_062120;geneID=Smp_062120;product=Serpin
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Parent=Smp_062120.1
SM_V9_6 Liftoff exon    917285  917435  .       +       .
Parent=Smp_062120.1
SM_V9_6 Liftoff exon    917552  917720  .       +       .
Parent=Smp_062120.1
SM_V9_6 Liftoff exon    919663  919957  .       +       .
Parent=Smp_062120.1
SM_V9_6 Liftoff exon    921459  921822  .       +       .
Parent=Smp_062120.1
SM_V9_6 Liftoff CDS     916839  916908  .       +       0
Parent=Smp_062120.1
SM_V9_6 Liftoff CDS     916950  917245  .       +       2
Parent=Smp_062120.1
SM_V9_6 Liftoff CDS     917285  917435  .       +       0
Parent=Smp_062120.1
SM_V9_6 Liftoff CDS     917552  917720  .       +       2
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SM_V9_6 Liftoff CDS     919663  919957  .       +       1
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SM_V9_6 Liftoff CDS     921459  921641  .       +       0
Parent=Smp_062120.1
SM_V9_6 Liftoff gene    925845  944700  .       -       .
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SM_V9_6 Liftoff mRNA    925845  944700  .       -       .
ID=Smp_336270.1;Parent=Smp_336270;geneID=Smp_336270;product=LARGE
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Pfam:PF01501;Ontology_term=GO:0016757
SM_V9_6 Liftoff exon    925845  926053  .       -       .
Parent=Smp_336270.1
SM_V9_6 Liftoff exon    927133  927397  .       -       .
Parent=Smp_336270.1
SM_V9_6 Liftoff exon    929679  929810  .       -       .
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SM_V9_6 Liftoff exon    931063  931134  .       -       .
Parent=Smp_336270.1
SM_V9_6 Liftoff exon    933842  933925  .       -       .
Parent=Smp_336270.1
SM_V9_6 Liftoff exon    943041  944700  .       -       .
Parent=Smp_336270.1
SM_V9_6 Liftoff CDS     925980  926053  .       -       2
Parent=Smp_336270.1
SM_V9_6 Liftoff CDS     927133  927397  .       -       0
Parent=Smp_336270.1
SM_V9_6 Liftoff CDS     929679  929810  .       -       0
Parent=Smp_336270.1
SM_V9_6 Liftoff CDS     931063  931134  .       -       0
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SM_V9_6 Liftoff CDS     933842  933925  .       -       0
Parent=Smp_336270.1
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SM_V9_6 Liftoff CDS     943041  943076  .       -       0
Parent=Smp_336270.1
SM_V9_6 iris    gene    960204  964910  .       +       .
ID=Smp_155530;geneID=Smp_155530;gene_name=Smp_155530;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_6 iris    mRNA    960204  964910  .       +       .
ID=Smp_155530.1;Parent=Smp_155530;geneID=Smp_155530;gene_name=Smp_15
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SM_V9_6 iris    exon    960960  961089  .       +       .
Parent=Smp_155530.1;Name=5b30f881-65c4-44c7-9f74-66e8f0b007fd
SM_V9_6 iris    exon    961127  961422  .       +       .
Parent=Smp_155530.1;Name=5e0642cf-c1ba-4f21-b06f-2c18e57baaf3
SM_V9_6 iris    exon    961460  961610  .       +       .
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SM_V9_6 iris    exon    961728  961896  .       +       .
Parent=Smp_155530.1;Name=36b692ec-d9eb-4306-b8a3-9afc9081c7f6
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Parent=Smp_155530.1;Name=ab0c4c45-9536-4ba6-910d-bf7da370247d
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SM_V9_6 iris    CDS     961460  961610  .       +       0
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2;polypeptide_domain=InterPro:IPR002495,IPR029044
Pfam:PF01501;Ontology_term=GO:0016757
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Parent=Smp_155520.1
SM_V9_6 Liftoff exon    975989  976127  .       -       .
Parent=Smp_155520.1
SM_V9_6 Liftoff exon    979641  979772  .       -       .
Parent=Smp_155520.1
SM_V9_6 Liftoff exon    981148  981219  .       -       .
Parent=Smp_155520.1
SM_V9_6 Liftoff exon    983005  983088  .       -       .
Parent=Smp_155520.1
SM_V9_6 Liftoff exon    987884  987979  .       -       .
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SM_V9_6 Liftoff exon    981148  981219  .       -       .
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SM_V9_6 Liftoff exon    987884  987979  .       -       .
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SM_V9_6 Liftoff CDS     975989  976127  .       -       0
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ID=Smp_062070;geneID=Smp_062070;gene_name=Smp_062070;owner=irisadmin
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ID=Smp_062070.1;Parent=Smp_062070;geneID=Smp_062070;gene_name=Smp_06
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Parent=Smp_062070.1;Name=03a574a8-989b-4b74-ab6e-1c59263d60e0
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SM_V9_6 iris    exon    1102077 1102631 .       +       .
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SM_V9_6 iris    CDS     1167467 1167526 .       -       2
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component 20 homolog;date_creation=2022-07-17
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SM_V9_6 iris    exon    1466222 1466293 .       +       .
Parent=Smp_315770.1;Name=57d35348-09d9-4bc0-8342-8787e49c51e4
SM_V9_6 iris    exon    1466328 1466397 .       +       .
Parent=Smp_315770.1;Name=29a4b482-7a80-4b0b-81c1-ad4c67d91efb
SM_V9_6 iris    exon    1466431 1466492 .       +       .
Parent=Smp_315770.1;Name=9eb6166f-25a6-4217-9c04-a1e3c4cfdef2
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Parent=Smp_315770.1;Name=7a87b058-15cb-4fc9-8206-96c6493ad2dc
SM_V9_6 iris    exon    1466631 1466825 .       +       .
Parent=Smp_315770.1;Name=f98b4ed5-5df7-4111-884a-06b2902e0a4c
SM_V9_6 iris    exon    1466861 1466999 .       +       .
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Parent=Smp_315770.1;Name=2ee7293a-429a-43fa-ac8e-da057d67f323
SM_V9_6 iris    exon    1529357 1529522 .       +       .
Parent=Smp_315770.1;Name=2b5ed934-5eb1-40e5-9b20-97fd64ad44f5
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SM_V9_6 iris    exon    1553804 1558057 .       +       .
Parent=Smp_315770.1;Name=10033b0e-e90d-45bf-bfe8-6bb49797c3b3
SM_V9_6 iris    exon    1559679 1560215 .       +       .
Parent=Smp_315770.1;Name=a33c46c1-91c7-4e63-b96e-f337f57f423b
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Parent=Smp_315770.1;Name=45590887-ed1a-4f29-8ceb-3342c3181493
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Parent=Smp_315770.1;Name=d527d700-a730-43b6-95f5-39f40a1ed760
SM_V9_6 iris    exon    1569374 1569497 .       +       .
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SM_V9_6 iris    CDS     1466328 1466397 .       +       0
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dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1
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SM_V9_6 iris    exon    1628354 1629249 .       +       .
Parent=Smp_174700.1;Name=5ab9435d-eb58-466b-bbf8-499062811ffb
SM_V9_6 iris    exon    1635674 1635853 .       +       .
Parent=Smp_174700.1;Name=8504bcaa-ed05-4467-9b2a-fc576f8c53a4
SM_V9_6 iris    exon    1638436 1638554 .       +       .
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SM_V9_6 iris    exon    1640529 1640726 .       +       .
Parent=Smp_174700.1;Name=68900493-49a6-4dbd-aece-a89f06f311a2
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SM_V9_6 iris    exon    1701342 1701476 .       -       .
Parent=Smp_174690.1;Name=1b5b5563-c48b-4f78-9438-5aaff4b5db9e
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ID=Smp_174670;geneID=Smp_174670;gene_name=Smp_174670;owner=irisadmin
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Parent=Smp_174670.1;Name=ccebc64e-b320-4c61-9b87-dfcd7ee8d06e
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Parent=Smp_174670.1;Name=5ff0a708-3e77-4254-9a84-af5021ec0bdf
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Parent=Smp_174670.1;Name=38cdc0a2-2a7d-4366-a61c-3c97d585e266
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SM_V9_6 iris    exon    1773286 1773417 .       -       .
Parent=Smp_174670.1;Name=782c9316-f847-4a07-ac59-ddab4bb1819e
SM_V9_6 iris    exon    1773451 1773524 .       -       .
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Parent=Smp_315140.1;Name=8f569782-cae8-4ed8-8c89-581e2506c8bb
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1;polypeptide_domain=InterPro:IPR001464,IPR018252,IPR018502
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evidence=Non-traceable Author
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ID=Smp_332160;geneID=Smp_332160;gene_name=Smp_332160;owner=irisadmin
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SM_V9_6 Liftoff mRNA    1917161 1940458 .       +       .
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and glycine-rich protein 1;polypeptide_domain=InterPro:IPR001781
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SM_V9_6 Liftoff exon    1917161 1917323 .       +       .
Parent=Smp_162180.1
SM_V9_6 Liftoff exon    1917359 1917506 .       +       .
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Parent=Smp_162180.1
SM_V9_6 Liftoff CDS     1939610 1939674 .       +       2
Parent=Smp_162180.1
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SM_V9_6 Liftoff mRNA    1970958 1990580 .       -       .
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Parent=Smp_074190.1
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Parent=Smp_074190.1
SM_V9_6 Liftoff gene    2001398 2030370 .       -       .
ID=Smp_074200;geneID=Smp_074200;previous_systematic_id=Smp_162200
SM_V9_6 Liftoff mRNA    2001398 2030370 .       -       .
ID=Smp_074200.1;Parent=Smp_074200;geneID=Smp_074200;product=Ubiquiti
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16;polypeptide_domain=InterPro:IPR001394,IPR018200,IPR028889
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Parent=Smp_074200.1
SM_V9_6 Liftoff exon    2006742 2006828 .       -       .
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Parent=Smp_074200.1
SM_V9_6 Liftoff exon    2013245 2013292 .       -       .
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SM_V9_6 Liftoff exon    2016066 2016378 .       -       .
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SM_V9_6 Liftoff exon    2027040 2027074 .       -       .
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SM_V9_6 Liftoff exon    2027732 2027963 .       -       .
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SM_V9_6 Liftoff exon    2029849 2029989 .       -       .
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SM_V9_6 Liftoff exon    2030022 2030150 .       -       .
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SM_V9_6 Liftoff exon    2030179 2030228 .       -       .
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SM_V9_6 Liftoff exon    2030262 2030370 .       -       .
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SM_V9_6 Liftoff CDS     2001598 2002092 .       -       0
Parent=Smp_074200.1
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SM_V9_6 Liftoff CDS     2009751 2010256 .       -       2
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SM_V9_6 Liftoff CDS     2013245 2013292 .       -       2
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SM_V9_6 Liftoff CDS     2030262 2030316 .       -       0
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SM_V9_6 iris    exon    2042419 2042462 .       +       .
Parent=Smp_074210.1;Name=fdf616ec-66e7-4356-b8fc-a6b03134a1e6
SM_V9_6 iris    exon    2044410 2044528 .       +       .
Parent=Smp_074210.1;Name=7c46fc9d-461e-4fa3-8925-aca7a2a94fe6
SM_V9_6 iris    exon    2044577 2044672 .       +       .
Parent=Smp_074210.1;Name=8c932cf7-1d95-41dc-95b6-86466b9ab3aa
SM_V9_6 iris    exon    2044720 2044795 .       +       .
Parent=Smp_074210.1;Name=03f115ff-51ea-4178-978f-a8d8900bbeb6
SM_V9_6 iris    exon    2044845 2044893 .       +       .
Parent=Smp_074210.1;Name=e83ca20e-be89-4365-82d5-848e60db90dd
SM_V9_6 iris    exon    2044947 2045028 .       +       .
Parent=Smp_074210.1;Name=104775d2-00cf-4f7b-bea5-990180d7fdb7
SM_V9_6 iris    exon    2045081 2045139 .       +       .
Parent=Smp_074210.1;Name=664e007e-48f8-46bb-a24d-d0a841e741ea
SM_V9_6 iris    exon    2045197 2045403 .       +       .
Parent=Smp_074210.1;Name=6d5062ff-d9c0-4e45-b3b2-d2c905e3683a
SM_V9_6 iris    exon    2047346 2048104 .       +       .
Parent=Smp_074210.1;Name=c1577402-bb9b-4899-aaf2-a210df0a9c60
SM_V9_6 iris    CDS     2044447 2044528 .       +       0
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SM_V9_6 iris    CDS     2044577 2044672 .       +       2
Parent=Smp_074210.1
SM_V9_6 iris    CDS     2044720 2044795 .       +       2
Parent=Smp_074210.1
SM_V9_6 iris    CDS     2044845 2044893 .       +       1
Parent=Smp_074210.1
SM_V9_6 iris    CDS     2044947 2045028 .       +       0
Parent=Smp_074210.1
SM_V9_6 iris    CDS     2045081 2045139 .       +       2
Parent=Smp_074210.1
SM_V9_6 iris    CDS     2045197 2045403 .       +       0
Parent=Smp_074210.1
SM_V9_6 iris    CDS     2047346 2047675 .       +       0
Parent=Smp_074210.1
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ID=Smp_162210;geneID=Smp_162210;gene_name=Smp_162210;owner=irisadmin
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68;date_creation=2022-07-17
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Parent=Smp_162210.1;Name=82fdffb2-b67b-4793-9fb3-35ab0d62ca48
SM_V9_6 iris    exon    2054183 2054246 .       -       .
Parent=Smp_162210.1;Name=a39fd539-99ba-4359-ae4b-691fc707d56b
SM_V9_6 iris    exon    2060105 2060180 .       -       .
Parent=Smp_162210.1;Name=c2575e7b-4c39-4608-8e23-762d5dca5c1f
SM_V9_6 iris    exon    2060221 2060284 .       -       .
Parent=Smp_162210.1;Name=babe8ddd-4ee3-4e73-a091-744298923965
SM_V9_6 iris    exon    2061338 2061474 .       -       .
Parent=Smp_162210.1;Name=470a8b90-01d8-4c94-a0f5-7d7b14efe8c7
SM_V9_6 iris    exon    2067839 2067972 .       -       .
Parent=Smp_162210.1;Name=63415df7-26ba-498d-b6fd-c4bd2f2b8f90
SM_V9_6 iris    exon    2076213 2076936 .       -       .
Parent=Smp_162210.1;Name=2137612a-0f3c-4b79-90de-80a387806636
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SM_V9_6 iris    CDS     2060221 2060284 .       -       0
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SM_V9_6 iris    CDS     2061338 2061474 .       -       2
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SM_V9_6 iris    CDS     2067839 2067972 .       -       1
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ID=Smp_074230;geneID=Smp_074230
SM_V9_6 Liftoff mRNA    2083506 2085958 .       +       .
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directed RNA polymerase II subunit
RPB4;polypeptide_domain=InterPro:IPR005574,IPR006590,IPR010997
Pfam:PF03874;Ontology_term=GO:0000166,GO:0003824,GO:0003899,GO:00063
51,GO:0044237
SM_V9_6 Liftoff exon    2083506 2083607 .       +       .
Parent=Smp_074230.1
SM_V9_6 Liftoff exon    2083639 2083696 .       +       .
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SM_V9_6 Liftoff exon    2085534 2085659 .       +       .
Parent=Smp_074230.1
SM_V9_6 Liftoff exon    2085705 2085958 .       +       .
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SM_V9_6 Liftoff CDS     2083639 2083696 .       +       2
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SM_V9_6 iris    mRNA    2087150 2113510 .       -       .
ID=Smp_162220.2;Parent=Smp_162220;geneID=Smp_162220;gene_name=Smp_16
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ied=2022-08-29;Name=Smp_162220.2;product=Zinc finger protein
117;date_creation=2022-08-29
SM_V9_6 iris    exon    2087150 2087740 .       -       .
Parent=Smp_162220.2;Name=742313e9-917b-4b23-aab6-dd458bf168af
SM_V9_6 iris    exon    2091370 2091866 .       -       .
Parent=Smp_162220.2;Name=a424725c-a917-4093-8725-0dd8e44832a5
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SM_V9_6 iris    exon    2097647 2097893 .       -       .
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SM_V9_6 iris    exon    2100781 2101125 .       -       .
Parent=Smp_162220.2;Name=eaa7ceaa-37ad-4de1-be01-bc6f9fa2ab21
SM_V9_6 iris    exon    2102647 2102996 .       -       .
Parent=Smp_162220.2;Name=3938ec06-48e1-4844-b047-0f83c7c63ffd
SM_V9_6 iris    exon    2105602 2106026 .       -       .
Parent=Smp_162220.2;Name=f9a9e981-301d-437d-9809-e42581b45de7
SM_V9_6 iris    exon    2112676 2113510 .       -       .
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Parent=Smp_162220.2
SM_V9_6 iris    CDS     2092943 2093331 .       -       2
Parent=Smp_162220.2
SM_V9_6 iris    CDS     2097647 2097893 .       -       0
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236;date_creation=2022-08-29
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Parent=Smp_162220.1
SM_V9_6 iris    CDS     2092943 2093331 .       -       2
Parent=Smp_162220.1
SM_V9_6 iris    CDS     2097647 2097893 .       -       0
Parent=Smp_162220.1
SM_V9_6 iris    CDS     2100781 2101125 .       -       0
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SM_V9_6 iris    CDS     2102647 2102996 .       -       2
Parent=Smp_162220.1
SM_V9_6 iris    CDS     2105602 2106040 .       -       0
Parent=Smp_162220.1
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ID=Smp_074260;geneID=Smp_074260
SM_V9_6 Liftoff mRNA    2120724 2124688 .       +       .
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1;polypeptide_domain=InterPro:IPR018472
Pfam:PF10147;Ontology_term=GO:0005634,GO:0007049
SM_V9_6 Liftoff exon    2120724 2124226 .       +       .
Parent=Smp_074260.1
SM_V9_6 Liftoff exon    2124288 2124414 .       +       .
Parent=Smp_074260.1
SM_V9_6 Liftoff exon    2124465 2124688 .       +       .
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SM_V9_6 Liftoff CDS     2124288 2124414 .       +       1
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SM_V9_6 iris    exon    2127345 2127549 .       -       .
Parent=Smp_212260.1;Name=909bb095-7871-47c4-8528-9afaffbd5480
SM_V9_6 iris    exon    2128611 2128856 .       -       .
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SM_V9_6 iris    exon    2133162 2133451 .       -       .
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SM_V9_6 iris    exon    2135273 2135418 .       -       .
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SM_V9_6 iris    CDS     2130572 2130937 .       -       0
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SM_V9_6 iris    CDS     2133162 2133451 .       -       2
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ID=Smp_074280;geneID=Smp_074280
SM_V9_6 Liftoff mRNA    2155614 2163144 .       +       .
ID=Smp_074280.1;Parent=Smp_074280;geneID=Smp_074280;product=Chaperon
e protein ClpB 2
SM_V9_6 Liftoff exon    2155614 2162604 .       +       .
Parent=Smp_074280.1
SM_V9_6 Liftoff exon    2162641 2163144 .       +       .
Parent=Smp_074280.1
SM_V9_6 Liftoff CDS     2162596 2162604 .       +       0
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SM_V9_6 Liftoff exon    2195768 2195849 .       -       .
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Parent=Smp_162230.1
SM_V9_6 Liftoff CDS     2195768 2195849 .       -       0
Parent=Smp_162230.1
SM_V9_6 Liftoff CDS     2201408 2201478 .       -       2
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SM_V9_6 Liftoff CDS     2207961 2208001 .       -       2
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SM_V9_6 Liftoff CDS     2213231 2213867 .       -       0
Parent=Smp_162230.1
SM_V9_6 Liftoff gene    2260441 2270311 .       +       .
ID=Smp_162240;geneID=Smp_162240
SM_V9_6 Liftoff mRNA    2260441 2270311 .       +       .
ID=Smp_162240.1;Parent=Smp_162240;geneID=Smp_162240;product=Probable
RNA polymerase II nuclear localization protein
SLC7A6OS;polypeptide_domain=InterPro:IPR013883 Pfam:PF08574
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Parent=Smp_162240.1
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Parent=Smp_162240.1
SM_V9_6 Liftoff CDS     2261832 2262083 .       +       0
Parent=Smp_162240.1
SM_V9_6 Liftoff CDS     2269686 2270264 .       +       0
Parent=Smp_162240.1
SM_V9_6 iris    gene    2272923 2328113 .       -       .
ID=Smp_162250;geneID=Smp_162250;gene_name=Smp_162250;owner=irisadmin
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59
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SM_V9_6 iris    exon    2765753 2766368 .       -       .
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Parent=Smp_179290.1;Name=69f9ee0d-e6c3-4429-a95a-7551c4b20149
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SM_V9_6 iris    exon    2784135 2784258 .       -       .
Parent=Smp_179290.1;Name=2b4aac8b-6338-4bd0-9ab5-a0ab5664bd8b
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SM_V9_6 Liftoff exon    2797426 2797581 .       +       .
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SM_V9_6 Liftoff exon    2797613 2797753 .       +       .
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SM_V9_6 Liftoff exon    2801549 2801687 .       +       .
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Parent=Smp_179270.1
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SM_V9_6 Liftoff CDS     2801971 2802383 .       +       2
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Pfam:PF16499,PF17450;Ontology_term=GO:0003824,GO:0004553,GO:0005975
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Parent=Smp_247760.1
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241,IPR013785,IPR017853,IPR035373
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SM_V9_6 Liftoff exon    2875466 2875594 .       +       .
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SM_V9_6 Liftoff CDS     2874918 2875235 .       +       0
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SM_V9_6 Liftoff CDS     2875466 2875594 .       +       0
Parent=Smp_186710.1
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Pfam:PF16499;Ontology_term=GO:0003824,GO:0004553,GO:0005975
SM_V9_6 Liftoff exon    2888999 2892312 .       +       .
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Parent=Smp_247770.1
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Parent=Smp_247770.1
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SM_V9_6 Liftoff CDS     2965006 2965877 .       +       0
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SM_V9_6 Liftoff CDS     2969286 2969328 .       +       1
Parent=Smp_247770.1
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SM_V9_6 Liftoff exon    2965006 2965877 .       +       .
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SM_V9_6 Liftoff CDS     2960206 2961146 .       +       2
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SM_V9_6 Liftoff CDS     2965006 2965877 .       +       0
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SM_V9_6 Liftoff CDS     2969286 2969328 .       +       1
Parent=Smp_247770.2
SM_V9_6 Liftoff gene    2973348 3046685 .       +       .
ID=Smp_247780;geneID=Smp_247780;previous_systematic_id=Smp_170870
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ID=Smp_247780.1;Parent=Smp_247780;geneID=Smp_247780;product=Tyrosine
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10D;polypeptide_domain=InterPro:IPR000242,IPR000387,IPR003595,IPR003
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Parent=Smp_247780.1
SM_V9_6 Liftoff exon    3034837 3035059 .       +       .
Parent=Smp_247780.1
SM_V9_6 Liftoff exon    3036211 3036374 .       +       .
Parent=Smp_247780.1
SM_V9_6 Liftoff exon    3039889 3040154 .       +       .
Parent=Smp_247780.1
SM_V9_6 Liftoff exon    3042880 3043079 .       +       .
Parent=Smp_247780.1
SM_V9_6 Liftoff exon    3043743 3043803 .       +       .
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Parent=Smp_247780.1
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Parent=Smp_247780.1
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SM_V9_6 Liftoff CDS     3042880 3043079 .       +       2
Parent=Smp_247780.1
SM_V9_6 Liftoff CDS     3043743 3043803 .       +       0
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SM_V9_6 Liftoff CDS     3046419 3046441 .       +       2
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@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    3050858 3083401 .       +       .
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protein GIPC3;date_creation=2022-08-29
SM_V9_6 iris    exon    3050858 3051095 .       +       .
Parent=Smp_247790.1;Name=c66b0e58-8dc2-43d2-b204-22b2a6872f41
SM_V9_6 iris    exon    3061707 3062091 .       +       .
Parent=Smp_247790.1;Name=a7793794-7ebe-413e-88b2-e89894442934
SM_V9_6 iris    exon    3069595 3069692 .       +       .
Parent=Smp_247790.1;Name=4ff9b6f5-36cc-42ab-aeca-a5d9ac414bd0
SM_V9_6 iris    exon    3079899 3079980 .       +       .
Parent=Smp_247790.1;Name=c90cbbf2-bd3d-47a0-8db7-b063f646820d
SM_V9_6 iris    exon    3082669 3083401 .       +       .
Parent=Smp_247790.1;Name=98ecef8c-5563-4a84-b720-5e3fad9bb2c5
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Parent=Smp_247790.1
SM_V9_6 iris    CDS     3061707 3062091 .       +       0
Parent=Smp_247790.1
SM_V9_6 iris    CDS     3069595 3069692 .       +       2
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Parent=Smp_247790.1
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ID=Smp_089320;geneID=Smp_089320
SM_V9_6 Liftoff mRNA    3097138 3101974 .       -       .
ID=Smp_089320.1;Parent=Smp_089320;geneID=Smp_089320;product=5'-
nucleotidase SurE;polypeptide_domain=InterPro:IPR027417
SM_V9_6 Liftoff exon    3097138 3097677 .       -       .
Parent=Smp_089320.1
SM_V9_6 Liftoff exon    3101602 3101974 .       -       .
Parent=Smp_089320.1
SM_V9_6 Liftoff CDS     3097231 3097677 .       -       0
Parent=Smp_089320.1
SM_V9_6 Liftoff CDS     3101602 3101928 .       -       0
Parent=Smp_089320.1
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ID=Smp_089330;geneID=Smp_089330
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ID=Smp_089330.1;Parent=Smp_089330;geneID=Smp_089330;product=Putative
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sulfotransferase;polypeptide_domain=InterPro:IPR027417
SM_V9_6 Liftoff exon    3112487 3113088 .       -       .
Parent=Smp_089330.1
SM_V9_6 Liftoff exon    3114095 3115374 .       -       .
Parent=Smp_089330.1
SM_V9_6 Liftoff CDS     3112642 3113088 .       -       0
Parent=Smp_089330.1
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SM_V9_6 Liftoff CDS     3114095 3114400 .       -       0
Parent=Smp_089330.1
SM_V9_6 Liftoff gene    3132717 3134375 .       +       .
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ID=Smp_331260.1;Parent=Smp_331260;geneID=Smp_331260;product=CTP
synthase;polypeptide_domain=InterPro:IPR027417
SM_V9_6 Liftoff exon    3132717 3133030 .       +       .
Parent=Smp_331260.1
SM_V9_6 Liftoff exon    3133789 3134375 .       +       .
Parent=Smp_331260.1
SM_V9_6 Liftoff CDS     3132725 3133030 .       +       0
Parent=Smp_331260.1
SM_V9_6 Liftoff CDS     3133789 3134235 .       +       0
Parent=Smp_331260.1
SM_V9_6 Liftoff gene    3166219 3168994 .       -       .
ID=Smp_309060;geneID=Smp_309060;previous_systematic_id=Smp_119060
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ID=Smp_309060.1;Parent=Smp_309060;geneID=Smp_309060;product=Arginine
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Parent=Smp_309060.1
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SM_V9_6 Liftoff CDS     3166357 3166803 .       -       0
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SM_V9_6 Liftoff CDS     3167791 3168096 .       -       0
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SM_V9_6 Liftoff gene    3173241 3175434 .       -       .
ID=Smp_089370;geneID=Smp_089370
SM_V9_6 Liftoff mRNA    3173241 3175434 .       -       .
ID=Smp_089370.1;Parent=Smp_089370;geneID=Smp_089370;product=Rho
GTPase-activating protein gacN;polypeptide_domain=InterPro:IPR027417
SM_V9_6 Liftoff exon    3173241 3173766 .       -       .
Parent=Smp_089370.1
SM_V9_6 Liftoff exon    3175104 3175434 .       -       .
Parent=Smp_089370.1
SM_V9_6 Liftoff CDS     3173299 3173766 .       -       0
Parent=Smp_089370.1
SM_V9_6 Liftoff CDS     3175104 3175412 .       -       0
Parent=Smp_089370.1
SM_V9_6 Liftoff gene    3181849 3186974 .       -       .
ID=Smp_336300;geneID=Smp_336300;previous_systematic_id=Smp_089380
SM_V9_6 Liftoff mRNA    3181849 3186974 .       -       .
ID=Smp_336300.1;Parent=Smp_336300;geneID=Smp_336300;product=Replicat
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SM_V9_6 Liftoff exon    3181849 3182378 .       -       .
Parent=Smp_336300.1
SM_V9_6 Liftoff exon    3186560 3186974 .       -       .
Parent=Smp_336300.1
SM_V9_6 Liftoff CDS     3181965 3182378 .       -       0
Parent=Smp_336300.1
SM_V9_6 Liftoff CDS     3186560 3186925 .       -       0
Parent=Smp_336300.1
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SM_V9_6 Liftoff gene    3193378 3202558 .       +       .
ID=Smp_170890;geneID=Smp_170890
SM_V9_6 Liftoff mRNA    3193378 3202558 .       +       .
ID=Smp_170890.1;Parent=Smp_170890;geneID=Smp_170890;product=Protein-
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Parent=Smp_170890.1
SM_V9_6 Liftoff exon    3202020 3202558 .       +       .
Parent=Smp_170890.1
SM_V9_6 Liftoff CDS     3193617 3193928 .       +       0
Parent=Smp_170890.1
SM_V9_6 Liftoff CDS     3202020 3202388 .       +       0
Parent=Smp_170890.1
SM_V9_6 Liftoff mRNA    3193378 3202558 .       +       .
ID=Smp_170890.2;Parent=Smp_170890;geneID=Smp_170890;product=Protein-
tyrosine sulfotransferase 1;polypeptide_domain=InterPro:IPR027417
SM_V9_6 Liftoff exon    3193378 3193928 .       +       .
Parent=Smp_170890.2
SM_V9_6 Liftoff exon    3198576 3202558 .       +       .
Parent=Smp_170890.2
SM_V9_6 Liftoff CDS     3193617 3193928 .       +       0
Parent=Smp_170890.2
SM_V9_6 Liftoff CDS     3198576 3199022 .       +       0
Parent=Smp_170890.2
SM_V9_6 Liftoff gene    3209828 3243597 .       +       .
ID=Smp_170910;geneID=Smp_170910
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ID=Smp_170910.1;Parent=Smp_170910;geneID=Smp_170910;product=Transcri
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Pfam:PF02257;Ontology_term=GO:0003677,GO:0006355
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Parent=Smp_170910.1
SM_V9_6 Liftoff exon    3212485 3212638 .       +       .
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Parent=Smp_170910.1
SM_V9_6 Liftoff exon    3215076 3215154 .       +       .
Parent=Smp_170910.1
SM_V9_6 Liftoff exon    3216029 3216244 .       +       .
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SM_V9_6 Liftoff exon    3219247 3220048 .       +       .
Parent=Smp_170910.1
SM_V9_6 Liftoff exon    3221843 3222045 .       +       .
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SM_V9_6 Liftoff exon    3223547 3223741 .       +       .
Parent=Smp_170910.1
SM_V9_6 Liftoff exon    3225982 3226185 .       +       .
Parent=Smp_170910.1
SM_V9_6 Liftoff exon    3232255 3232466 .       +       .
Parent=Smp_170910.1
SM_V9_6 Liftoff exon    3236103 3236265 .       +       .
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SM_V9_6 Liftoff exon    3238538 3239476 .       +       .
Parent=Smp_170910.1
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SM_V9_6 Liftoff exon    3242649 3243597 .       +       .
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SM_V9_6 Liftoff CDS     3212485 3212638 .       +       2
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SM_V9_6 Liftoff CDS     3213418 3213489 .       +       1
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SM_V9_6 Liftoff CDS     3215076 3215154 .       +       1
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SM_V9_6 Liftoff CDS     3219247 3220048 .       +       0
Parent=Smp_170910.1
SM_V9_6 Liftoff CDS     3221843 3222045 .       +       2
Parent=Smp_170910.1
SM_V9_6 Liftoff CDS     3223547 3223741 .       +       0
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SM_V9_6 Liftoff CDS     3225982 3226185 .       +       0
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SM_V9_6 Liftoff CDS     3232255 3232466 .       +       0
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SM_V9_6 Liftoff CDS     3236103 3236265 .       +       1
Parent=Smp_170910.1
SM_V9_6 Liftoff CDS     3238538 3239476 .       +       0
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SM_V9_6 Liftoff CDS     3242649 3243044 .       +       0
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Parent=Smp_170910.2
SM_V9_6 Liftoff exon    3212485 3212638 .       +       .
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SM_V9_6 Liftoff exon    3215076 3215154 .       +       .
Parent=Smp_170910.2
SM_V9_6 Liftoff exon    3216029 3216244 .       +       .
Parent=Smp_170910.2
SM_V9_6 Liftoff exon    3219247 3220048 .       +       .
Parent=Smp_170910.2
SM_V9_6 Liftoff exon    3221843 3222045 .       +       .
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SM_V9_6 Liftoff exon    3223547 3223741 .       +       .
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SM_V9_6 Liftoff exon    3225982 3226185 .       +       .
Parent=Smp_170910.2
SM_V9_6 Liftoff exon    3232255 3232466 .       +       .
Parent=Smp_170910.2
SM_V9_6 Liftoff exon    3236103 3236265 .       +       .
Parent=Smp_170910.2
SM_V9_6 Liftoff exon    3238538 3239476 .       +       .
Parent=Smp_170910.2
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SM_V9_6 Liftoff exon    3242649 3243597 .       +       .
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SM_V9_6 Liftoff CDS     3212485 3212638 .       +       2
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SM_V9_6 Liftoff CDS     3215076 3215154 .       +       1
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SM_V9_6 Liftoff CDS     3216029 3216244 .       +       0
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SM_V9_6 Liftoff CDS     3238538 3239476 .       +       0
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Parent=Smp_202920.1
SM_V9_6 Liftoff CDS     3250040 3250360 .       +       0
Parent=Smp_202920.1
SM_V9_6 Liftoff gene    3256158 3272258 .       -       .
ID=Smp_089400;geneID=Smp_089400
SM_V9_6 Liftoff mRNA    3256158 3272258 .       -       .
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1;polypeptide_domain=InterPro:IPR011989,IPR013180,IPR016024
Pfam:PF08216;Ontology_term=GO:0005488
SM_V9_6 Liftoff exon    3256158 3256327 .       -       .
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SM_V9_6 Liftoff exon    3257993 3258065 .       -       .
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SM_V9_6 Liftoff exon    3271919 3272063 .       -       .
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SM_V9_6 Liftoff exon    3272099 3272258 .       -       .
Parent=Smp_089400.1
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Parent=Smp_089400.1
SM_V9_6 Liftoff CDS     3257993 3258065 .       -       0
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SM_V9_6 Liftoff CDS     3260992 3261129 .       -       0
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SM_V9_6 Liftoff CDS     3264080 3264394 .       -       1
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SM_V9_6 Liftoff CDS     3265273 3265645 .       -       2
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SM_V9_6 Liftoff CDS     3269187 3269475 .       -       0
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SM_V9_6 Liftoff CDS     3270902 3271128 .       -       2
Parent=Smp_089400.1
SM_V9_6 Liftoff CDS     3271919 3272063 .       -       0
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SM_V9_6 Liftoff CDS     3272099 3272128 .       -       0
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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_6 iris    mRNA    3290898 3345531 .       +       .
ID=Smp_123050.1;Parent=Smp_123050;geneID=Smp_123050;gene_name=Smp_12
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signaling 20;date_creation=2022-07-17
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SM_V9_6 iris    exon    3320658 3321368 .       +       .
Parent=Smp_123050.1;Name=98aa4b89-7c50-4607-9482-aae67c37470f
SM_V9_6 iris    exon    3322906 3324207 .       +       .
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SM_V9_6 iris    exon    3328751 3328843 .       +       .
Parent=Smp_123050.1;Name=5faee268-b2d9-4d61-b84e-359a3b4611c5
SM_V9_6 iris    exon    3331343 3331404 .       +       .
Parent=Smp_123050.1;Name=93d38dc4-2a29-4343-a5fa-7266f8cf94e6
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Parent=Smp_123050.1;Name=46e2016b-a084-4518-86e9-055721b200b6
SM_V9_6 iris    exon    3342771 3345531 .       +       .
Parent=Smp_123050.1;Name=dcc91aa4-1239-41c1-baa9-9b8f53929639
SM_V9_6 iris    CDS     3320659 3321368 .       +       0
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SM_V9_6 iris    CDS     3322906 3324207 .       +       1
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SM_V9_6 iris    exon    4090851 4090957 .       +       .
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SM_V9_6 Liftoff CDS     4156408 4156731 .       -       2
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SM_V9_6 Liftoff mRNA    4187554 4193626 .       +       .
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SM_V9_6 Liftoff CDS     4215229 4215372 .       +       0
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ID=Smp_123190.1;Parent=Smp_123190;geneID=Smp_123190;gene_name=Smp_12
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SM_V9_6 iris    exon    4245654 4245707 .       +       .
Parent=Smp_123190.1;Name=f4fee2ee-fb54-43e7-8c18-097aea066173
SM_V9_6 iris    exon    4246525 4246576 .       +       .
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SM_V9_6 iris    exon    4246615 4246676 .       +       .
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SM_V9_6 iris    exon    4248063 4248169 .       +       .
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SM_V9_6 Liftoff CDS     4302178 4302189 .       +       2
Parent=Smp_243770.1
SM_V9_6 Liftoff CDS     4303864 4303943 .       +       2
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SM_V9_6 iris    gene    4343877 4346719 .       +       .
ID=Smp_002100;geneID=Smp_002100;gene_name=Smp_002100;owner=irisadmin
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SM_V9_6 iris    exon    4343877 4343983 .       +       .
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SM_V9_6 iris    exon    4344016 4344102 .       +       .
Parent=Smp_002100.1;Name=7c746a6b-cdd4-4d5e-ae0e-8fd207f407ab
SM_V9_6 iris    exon    4344135 4344220 .       +       .
Parent=Smp_002100.1;Name=acbc94fc-9322-41a5-a9b9-3db479c5e602
SM_V9_6 iris    exon    4344256 4344337 .       +       .
Parent=Smp_002100.1;Name=20c010af-581b-4c31-a63e-969baf987211
SM_V9_6 iris    exon    4344387 4344422 .       +       .
Parent=Smp_002100.1;Name=4f60c06c-8150-44a2-845e-1b1a8d95b2d8
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SM_V9_6 iris    exon    4345912 4346719 .       +       .
Parent=Smp_002100.1;Name=ec3e8654-f0ec-4391-bff6-f7bdc283dba9
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SM_V9_6 iris    CDS     4344016 4344102 .       +       0
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SM_V9_6 iris    mRNA    4357365 4389221 .       +       .
ID=Smp_311310.1;Parent=Smp_311310;geneID=Smp_311310;gene_name=Smp_31
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ID=Smp_123220.1;Parent=Smp_123220;geneID=Smp_123220;product=Oxygen-
regulated protein 1
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ID=Smp_123230;geneID=Smp_123230
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Parent=Smp_123230.1
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Parent=Smp_123230.1
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Parent=Smp_123230.1
SM_V9_6 Liftoff exon    4489452 4489713 .       -       .
Parent=Smp_123230.1
SM_V9_6 Liftoff exon    4491717 4494403 .       -       .
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SM_V9_6 Liftoff exon    4500025 4500126 .       +       .
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SM_V9_6 Liftoff exon    4500182 4500549 .       +       .
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ID=Smp_340060.1;Parent=Smp_340060;geneID=Smp_340060;product=trypsin-
like serine protease;evidence=Traceable Author
Statement;literature=PMID:24676141;polypeptide_domain=InterPro:IPR00
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SM_V9_6 Liftoff CDS     4568871 4569172 .       -       1
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SM_V9_6 Liftoff CDS     4574440 4574760 .       -       2
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ID=Smp_002180;geneID=Smp_002180
SM_V9_6 Liftoff mRNA    4610386 4613016 .       -       .
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Parent=Smp_002180.1
SM_V9_6 Liftoff exon    4612572 4612680 .       -       .
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SM_V9_6 Liftoff exon    4612713 4613016 .       -       .
Parent=Smp_002180.1
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Parent=Smp_002180.1
SM_V9_6 Liftoff CDS     4612468 4612539 .       -       2
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Pfam:PF13869;Ontology_term=GO:0003729,GO:0005849,GO:0006378,GO:00167
87
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SM_V9_6 Liftoff exon    4629571 4629832 .       +       .
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ID=Smp_123260.1;Parent=Smp_123260;geneID=Smp_123260;gene_name=Smp_12
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ied=2022-11-06;Name=Smp_123260.1;product=Zinc finger A20 and AN1
domain-containing stress-associated protein
10;date_creation=2022-11-06
SM_V9_6 iris    exon    4652319 4653387 .       -       .
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SM_V9_6 Liftoff exon    4707208 4711983 .       -       .
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Parent=Smp_123270.1
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1;polypeptide_domain=InterPro:IPR011701,IPR020846
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SM_V9_6 Liftoff CDS     4733728 4734361 .       +       2
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Statement;literature=PMID:9047356;polypeptide_domain=InterPro:IPR000
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SM_V9_6 Liftoff CDS     4930223 4930364 .       +       1
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SM_V9_6 Liftoff mRNA    4979740 5003844 .       +       .
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Statement;polypeptide_domain=InterPro:IPR002350,IPR003645
Pfam:PF07648;Ontology_term=GO:0005515
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SM_V9_6 Liftoff exon    4988716 4989498 .       +       .
Parent=Smp_123300.1
SM_V9_6 Liftoff exon    4992209 4992592 .       +       .
Parent=Smp_123300.1
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SM_V9_6 Liftoff gene    5042830 5073577 .       +       .
ID=Smp_002280;geneID=Smp_002280
SM_V9_6 Liftoff mRNA    5042830 5073577 .       +       .
ID=Smp_002280.1;Parent=Smp_002280;geneID=Smp_002280;product=Kinesin-
like protein
KIF2A;polypeptide_domain=InterPro:IPR001752,IPR019821,IPR027417
Pfam:PF00225;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:00080
17
SM_V9_6 Liftoff exon    5042830 5043089 .       +       .
Parent=Smp_002280.1
SM_V9_6 Liftoff exon    5044376 5044470 .       +       .
Parent=Smp_002280.1
SM_V9_6 Liftoff exon    5045605 5045655 .       +       .
Parent=Smp_002280.1
SM_V9_6 Liftoff exon    5046608 5047001 .       +       .
Parent=Smp_002280.1
SM_V9_6 Liftoff exon    5051896 5052153 .       +       .
Parent=Smp_002280.1
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SM_V9_6 Liftoff exon    5053216 5053474 .       +       .
Parent=Smp_002280.1
SM_V9_6 Liftoff exon    5054226 5054329 .       +       .
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SM_V9_6 Liftoff exon    5055496 5055650 .       +       .
Parent=Smp_002280.1
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SM_V9_6 Liftoff exon    5061933 5062133 .       +       .
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Parent=Smp_002280.1
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SM_V9_6 Liftoff CDS     5043026 5043089 .       +       0
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SM_V9_6 Liftoff CDS     5051896 5052153 .       +       2
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SM_V9_6 Liftoff CDS     5056927 5057092 .       +       0
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SM_V9_6 Liftoff CDS     5063729 5063881 .       +       0
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SM_V9_6 Liftoff CDS     5066172 5066309 .       +       2
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SM_V9_6 Liftoff CDS     5066370 5066524 .       +       2
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SM_V9_6 Liftoff CDS     5068358 5068430 .       +       0
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Parent=Smp_002280.1
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Parent=Smp_002280.1
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ID=Smp_123320;geneID=Smp_123320;gene_name=Smp_123320;owner=irisadmin
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SM_V9_6 iris    mRNA    5083421 5129946 .       +       .
ID=Smp_123320.1;Parent=Smp_123320;geneID=Smp_123320;gene_name=Smp_12
3320;owner=irisadmin@local.host;orig_id=Smp_123320.1;date_last_modif
ied=2022-07-18;Name=Smp_123320.1;product=Chromodomain-helicase-DNA-
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SM_V9_6 iris    exon    5083421 5083475 .       +       .
Parent=Smp_123320.1;Name=43dbef5c-eb70-4570-b4a3-b316c9a30135
SM_V9_6 iris    exon    5087636 5087872 .       +       .
Parent=Smp_123320.1;Name=27c1be23-d3d2-4307-b8b8-a0fbe04372de
SM_V9_6 iris    exon    5087908 5088011 .       +       .
Parent=Smp_123320.1;Name=34733207-c3b0-4216-beb8-2b5d9a1fd552
SM_V9_6 iris    exon    5088051 5088159 .       +       .
Parent=Smp_123320.1;Name=21662b8d-6b8a-4117-9283-b0c6ba12932e
SM_V9_6 iris    exon    5088195 5088308 .       +       .
Parent=Smp_123320.1;Name=5638510f-687c-4db1-89e8-dca9b44a47b4
SM_V9_6 iris    exon    5090654 5090804 .       +       .
Parent=Smp_123320.1;Name=c86198da-e586-4db0-a4ec-13771fb5242a
SM_V9_6 iris    exon    5094593 5094760 .       +       .
Parent=Smp_123320.1;Name=1340d289-19f1-4291-b24f-2fcbbd32ec8d
SM_V9_6 iris    exon    5096366 5096476 .       +       .
Parent=Smp_123320.1;Name=76c344c1-5fc1-4d80-8a40-0f278f673278
SM_V9_6 iris    exon    5098965 5099183 .       +       .
Parent=Smp_123320.1;Name=a1845ba1-4bbd-4212-a997-c04250dd965e
SM_V9_6 iris    exon    5105735 5105848 .       +       .
Parent=Smp_123320.1;Name=40a779b6-7c8a-43bb-b3ab-35b80b47f96a
SM_V9_6 iris    exon    5107623 5107737 .       +       .
Parent=Smp_123320.1;Name=1fb4573a-978f-497f-a0ef-0953733288a1
SM_V9_6 iris    exon    5109416 5109572 .       +       .
Parent=Smp_123320.1;Name=b750f096-bb19-4463-be2a-9ec74b56e1b1
SM_V9_6 iris    exon    5111158 5111443 .       +       .
Parent=Smp_123320.1;Name=baf3c07d-774f-4522-a127-2dcee5ca2200
SM_V9_6 iris    exon    5113739 5113917 .       +       .
Parent=Smp_123320.1;Name=80edf999-83ca-4d31-8726-799a6f15faeb
SM_V9_6 iris    exon    5115151 5115230 .       +       .
Parent=Smp_123320.1;Name=f9135a3a-65b5-44ca-8f74-2e2ec14c7194
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Parent=Smp_123320.1;Name=81151a84-a7bf-46a8-8e77-fee1ad309895
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Parent=Smp_123320.1;Name=f0b06c8a-8b67-4acf-aed6-314729d3dd10
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Parent=Smp_123320.1;Name=7c61d13d-063f-4fdc-bec1-0d3daa020529
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Parent=Smp_123320.1;Name=44ecce3b-ebc3-4871-a4bb-59ac5cd780f5
SM_V9_6 iris    exon    5123427 5123521 .       +       .
Parent=Smp_123320.1;Name=5b6bd476-cedb-4110-ab1c-dbe4f8f19fa1
SM_V9_6 iris    exon    5125524 5125592 .       +       .
Parent=Smp_123320.1;Name=6e901f5e-64a9-46dd-b6fd-3c33599c3a43
SM_V9_6 iris    exon    5127432 5127521 .       +       .
Parent=Smp_123320.1;Name=f9358667-f47c-4da3-854b-79de13c2a96f
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Parent=Smp_123320.1;Name=8f44030e-aee1-44d3-a638-c5cb57f97140
SM_V9_6 iris    exon    5129681 5129946 .       +       .
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Parent=Smp_123320.1
SM_V9_6 iris    CDS     5087908 5088011 .       +       0
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5088051 5088159 .       +       1
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SM_V9_6 iris    CDS     5088195 5088308 .       +       0
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SM_V9_6 iris    CDS     5090654 5090804 .       +       0
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SM_V9_6 iris    CDS     5094593 5094760 .       +       2
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5096366 5096476 .       +       2
Parent=Smp_123320.1
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Parent=Smp_123320.1
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Parent=Smp_123320.1
SM_V9_6 iris    CDS     5111158 5111443 .       +       0
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5113739 5113917 .       +       2
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5115151 5115230 .       +       0
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SM_V9_6 iris    CDS     5116053 5116360 .       +       1
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5117380 5117567 .       +       2
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5119082 5119304 .       +       0
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5121528 5121639 .       +       2
Parent=Smp_123320.1
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SM_V9_6 iris    CDS     5123427 5123521 .       +       1
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5125524 5125592 .       +       2
Parent=Smp_123320.1
SM_V9_6 iris    CDS     5127432 5127521 .       +       2
Parent=Smp_123320.1
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SM_V9_6 iris    CDS     5129681 5129767 .       +       0
Parent=Smp_123320.1
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ID=Smp_123330;geneID=Smp_123330
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ID=Smp_123330.1;Parent=Smp_123330;geneID=Smp_123330;product=Protein
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logy_term=GO:0005515
SM_V9_6 Liftoff exon    5133661 5136616 .       -       .
Parent=Smp_123330.1
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ID=Smp_331330;geneID=Smp_331330
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Parent=Smp_331330.1
SM_V9_6 Liftoff gene    5257776 5258155 .       -       .
ID=Smp_331320;geneID=Smp_331320
SM_V9_6 Liftoff mRNA    5257776 5258155 .       -       .
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ion-specific protein 15
SM_V9_6 Liftoff exon    5257776 5258155 .       -       .
Parent=Smp_331320.1
SM_V9_6 Liftoff CDS     5257818 5258045 .       -       0
Parent=Smp_331320.1
SM_V9_6 Liftoff gene    5272853 5274447 .       +       .
ID=Smp_205710;geneID=Smp_205710
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Parent=Smp_205710.1
SM_V9_6 Liftoff exon    5273279 5273371 .       +       .
Parent=Smp_205710.1
SM_V9_6 Liftoff exon    5274341 5274447 .       +       .
Parent=Smp_205710.1
SM_V9_6 Liftoff CDS     5272853 5272946 .       +       0
Parent=Smp_205710.1
SM_V9_6 Liftoff CDS     5273279 5273371 .       +       2
Parent=Smp_205710.1
SM_V9_6 Liftoff CDS     5274341 5274447 .       +       2
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SM_V9_6 Liftoff gene    5277255 5277488 .       -       .
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Parent=Smp_205700.1
SM_V9_6 Liftoff CDS     5277255 5277488 .       -       0
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Parent=Smp_331340.1
SM_V9_6 Liftoff CDS     5290129 5290356 .       -       0
Parent=Smp_331340.1
SM_V9_6 Liftoff gene    5366542 5375992 .       -       .
ID=Smp_091750;geneID=Smp_091750
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ical protein
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SM_V9_6 Liftoff exon    5370306 5375992 .       -       .
Parent=Smp_091750.1
SM_V9_6 Liftoff CDS     5367032 5367198 .       -       2
Parent=Smp_091750.1
SM_V9_6 Liftoff CDS     5370306 5370747 .       -       0
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protein;polypeptide_domain=InterPro:IPR006722,IPR011012
Pfam:PF04628;Ontology_term=GO:0005622,GO:0006810,GO:0006888
SM_V9_6 Liftoff exon    5384172 5389212 .       -       .
Parent=Smp_091740.1
SM_V9_6 Liftoff CDS     5384222 5384557 .       -       0
Parent=Smp_091740.1
SM_V9_6 Liftoff mRNA    5384172 5389212 .       -       .
ID=Smp_091740.2;Parent=Smp_091740;geneID=Smp_091740;product=Traffick
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protein;polypeptide_domain=InterPro:IPR006722,IPR011012
Pfam:PF04628;Ontology_term=GO:0005622,GO:0006810,GO:0006888
SM_V9_6 Liftoff exon    5384172 5384563 .       -       .
Parent=Smp_091740.2
SM_V9_6 Liftoff exon    5386831 5389212 .       -       .
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SM_V9_6 Liftoff CDS     5384222 5384563 .       -       0
Parent=Smp_091740.2
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ID=Smp_091730.1;Parent=Smp_091730;geneID=Smp_091730;gene_name=Smp_09
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SM_V9_6 iris    exon    5403278 5403472 .       +       .
Parent=Smp_091730.1;Name=3e00a53b-4beb-47b1-adf1-4dfab0176dc7
SM_V9_6 iris    exon    5403510 5403605 .       +       .
Parent=Smp_091730.1;Name=2cf968e6-b4b1-476e-af62-6972a97ebf1d
SM_V9_6 iris    exon    5406443 5406567 .       +       .
Parent=Smp_091730.1;Name=00096243-79c4-48dc-97ab-debccbe5e26b
SM_V9_6 iris    exon    5413786 5414869 .       +       .
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SM_V9_6 iris    CDS     5403299 5403472 .       +       0
Parent=Smp_091730.1
SM_V9_6 iris    CDS     5403510 5403605 .       +       0
Parent=Smp_091730.1
SM_V9_6 iris    CDS     5406443 5406567 .       +       0
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SM_V9_6 iris    CDS     5413786 5413891 .       +       1
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Parent=Smp_331360.1
SM_V9_6 Liftoff gene    5435426 5452096 .       +       .
ID=Smp_346080;geneID=Smp_346080;previous_systematic_id=Smp_172260
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ID=Smp_346080.1;Parent=Smp_346080;geneID=Smp_346080;product=Iroquois
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Parent=Smp_346080.1
SM_V9_6 Liftoff exon    5445712 5445764 .       +       .
Parent=Smp_346080.1
SM_V9_6 Liftoff exon    5447862 5448427 .       +       .
Parent=Smp_346080.1
SM_V9_6 Liftoff exon    5451634 5452096 .       +       .
Parent=Smp_346080.1
SM_V9_6 Liftoff CDS     5441727 5442119 .       +       0
Parent=Smp_346080.1
SM_V9_6 Liftoff CDS     5445712 5445764 .       +       0
Parent=Smp_346080.1
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SM_V9_6 Liftoff CDS     5447862 5448427 .       +       1
Parent=Smp_346080.1
SM_V9_6 Liftoff CDS     5451634 5451713 .       +       2
Parent=Smp_346080.1
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SM_V9_6 iris    mRNA    5467036 5486388 .       +       .
ID=Smp_172250.1;Parent=Smp_172250;geneID=Smp_172250;gene_name=Smp_17
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SM_V9_6 iris    exon    5482809 5486388 .       +       .
Parent=Smp_172250.1;Name=0bb9eb24-196a-4a63-a2d7-7d2e8b2377b1
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SM_V9_6 Liftoff CDS     5492522 5493658 .       +       0
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SM_V9_6 iris    exon    5506226 5506302 .       +       .
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Parent=Smp_331370.1;Name=85c60ea0-5b3c-44ad-aef4-319a0472882f
SM_V9_6 iris    exon    5509177 5509212 .       +       .
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SM_V9_6 iris    CDS     5512328 5512335 .       +       2
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SM_V9_6 iris    exon    5528622 5528751 .       +       .
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SM_V9_6 iris    exon    5531669 5531883 .       +       .
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SM_V9_6 Liftoff CDS     5856739 5856762 .       +       2
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Parent=Smp_331380.1
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Parent=Smp_331380.1
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Parent=Smp_331380.1
SM_V9_6 Liftoff gene    5866314 5874898 .       -       .
ID=Smp_243760;geneID=Smp_243760
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SM_V9_6 Liftoff exon    5867946 5867966 .       -       .
Parent=Smp_243760.1
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SM_V9_6 Liftoff exon    5883768 5883834 .       -       .
Parent=Smp_348460.1
SM_V9_6 Liftoff exon    5884442 5884462 .       -       .
Parent=Smp_348460.1
SM_V9_6 Liftoff exon    5886128 5886149 .       -       .
Parent=Smp_348460.1
SM_V9_6 Liftoff exon    5887809 5887921 .       -       .
Parent=Smp_348460.1
SM_V9_6 Liftoff CDS     5883777 5883834 .       -       1
Parent=Smp_348460.1
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Parent=Smp_348460.1
SM_V9_6 Liftoff CDS     5887809 5887917 .       -       0
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ID=Smp_349470;geneID=Smp_349470;gene_name=Smp_349470;owner=irisadmin
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@local.host;date_last_modified=2022-11-13;date_creation=2022-07-18
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ID=Smp_349480.1;Parent=Smp_349480;geneID=Smp_349480;gene_name=Smp_34
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SM_V9_6 iris    exon    5907523 5907580 .       +       .
Parent=Smp_349480.1;Name=Smp_349480.1-CDS
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Parent=Smp_349480.1;Name=b89d48e0-c3e3-4d4b-ab1e-cc44d45dd88d
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SM_V9_6 iris    exon    5916352 5916667 .       +       .
Parent=Smp_349480.1;Name=eaefec51-b091-4014-8ccc-d20b164c71b5
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SM_V9_6 iris    CDS     5912125 5912148 .       +       1
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ID=Smp_172170;geneID=Smp_172170
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Parent=Smp_172170.2
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Parent=Smp_172170.2
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PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
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Parent=Smp_172170.1
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Parent=Smp_172170.1
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Parent=Smp_172170.1
SM_V9_6 Liftoff CDS     5928947 5929852 .       -       0
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ID=Smp_067490;geneID=Smp_067490
SM_V9_6 Liftoff mRNA    5965640 5974368 .       +       .
ID=Smp_067490.1;Parent=Smp_067490;geneID=Smp_067490;product=Sorcin;p
olypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
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Parent=Smp_067490.1
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SM_V9_6 Liftoff exon    5967246 5967559 .       +       .
Parent=Smp_067490.1
SM_V9_6 Liftoff exon    5973793 5974368 .       +       .
Parent=Smp_067490.1
SM_V9_6 Liftoff CDS     5965705 5965742 .       +       0
Parent=Smp_067490.1
SM_V9_6 Liftoff CDS     5965780 5965841 .       +       1
Parent=Smp_067490.1
SM_V9_6 Liftoff CDS     5967246 5967559 .       +       2
Parent=Smp_067490.1
SM_V9_6 Liftoff CDS     5973793 5973894 .       +       0
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ID=Smp_067480;geneID=Smp_067480;gene_name=Smp_067480;owner=irisadmin
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7-18
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Parent=Smp_067480.1
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Parent=Smp_067480.1
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ID=Smp_158710;geneID=Smp_158710
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Parent=Smp_158710.1
SM_V9_6 Liftoff exon    6022697 6023098 .       +       .
Parent=Smp_158710.1
SM_V9_6 Liftoff CDS     6017223 6017376 .       +       0
Parent=Smp_158710.1
SM_V9_6 Liftoff CDS     6022014 6022099 .       +       2
Parent=Smp_158710.1
SM_V9_6 Liftoff CDS     6022697 6023098 .       +       0
Parent=Smp_158710.1
SM_V9_6 Liftoff gene    6029512 6035993 .       +       .
ID=Smp_158700;geneID=Smp_158700
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and CUL4-associated factor
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Parent=Smp_158700.1
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SM_V9_6 Liftoff CDS     6059847 6059997 .       +       0
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Parent=Smp_067430.1
SM_V9_6 Liftoff CDS     6072045 6072490 .       +       0
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SM_V9_6 Liftoff CDS     6108868 6109091 .       +       0
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SM_V9_6 Liftoff CDS     6110126 6110262 .       +       1
Parent=Smp_158690.1
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ID=Smp_158670;geneID=Smp_158670
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SM_V9_6 iris    gene    6462890 6496108 .       +       .
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ied=2022-07-18;Name=Smp_344960.1;product=Transmembrane protein 39A-
A;date_creation=2022-07-18
SM_V9_6 iris    exon    6462890 6462933 .       +       .
Parent=Smp_344960.1;Name=6e556491-fcd3-44ff-bd81-c3f14508d7c5
SM_V9_6 iris    exon    6466896 6467012 .       +       .
Parent=Smp_344960.1;Name=3b890e46-8d99-44a8-a49d-88e1d5a3a481
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Parent=Smp_344960.1;Name=437a5070-c0ac-4361-8662-0ae61cf398a7
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Parent=Smp_344960.1;Name=b24c554e-55c3-4cef-96b4-b8d4a63266dc
SM_V9_6 iris    exon    6477049 6477387 .       +       .
Parent=Smp_344960.1;Name=bbf84ffb-1c05-4572-b0b9-97532baf66ed
SM_V9_6 iris    exon    6478267 6478470 .       +       .
Parent=Smp_344960.1;Name=76be2e6c-0616-4bb1-bd9c-0aaa52b71651
SM_V9_6 iris    exon    6490334 6490438 .       +       .
Parent=Smp_344960.1;Name=ea438f7b-bf24-45c3-ad59-3705db1a86f5
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ID=Smp_331390;geneID=Smp_331390;gene_name=Smp_331390;owner=irisadmin
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SM_V9_6 iris    mRNA    6513272 6524983 .       +       .
ID=Smp_331390.1;Parent=Smp_331390;geneID=Smp_331390;gene_name=Smp_33
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ied=2022-08-29;Name=Smp_331390.1;date_creation=2022-08-29
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SM_V9_6 iris    exon    6523871 6524983 .       +       .
Parent=Smp_331390.1;Name=Smp_331390.1-CDS
SM_V9_6 iris    CDS     6523990 6524097 .       +       0
Parent=Smp_331390.1
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ID=Smp_333710;geneID=Smp_333710;gene_name=Smp_333710;owner=irisadmin
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SM_V9_6 iris    mRNA    6531999 6536176 .       -       .
ID=Smp_333710.1;Parent=Smp_333710;geneID=Smp_333710;gene_name=Smp_33
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138;date_creation=2022-08-29
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Parent=Smp_333710.1;Name=ff2ae185-8e98-4e4e-a26f-5b607e3915d3
SM_V9_6 iris    exon    6535725 6535800 .       -       .
Parent=Smp_333710.1;Name=c384dc93-cbaa-44e3-8eee-f6aa1febd8d3
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SM_V9_6 iris    exon    6536046 6536176 .       -       .
Parent=Smp_333710.1;Name=91a44742-37c3-40bb-830f-9223f3dedbae
SM_V9_6 iris    CDS     6532164 6532273 .       -       2
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ID=Smp_173060;geneID=Smp_173060;gene_name=Smp_173060;owner=irisadmin
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ID=Smp_173060.1;Parent=Smp_173060;geneID=Smp_173060;gene_name=Smp_17
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ied=2022-07-18;Name=Smp_173060.1;product=Rho guanine nucleotide
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SM_V9_6 iris    exon    6565740 6566154 .       +       .
Parent=Smp_173060.1;Name=08e23a9c-3f30-4dce-a662-097f79eef66f
SM_V9_6 iris    exon    6574909 6575035 .       +       .
Parent=Smp_173060.1;Name=6d99d432-7d67-484c-becf-761a14ba9366
SM_V9_6 iris    exon    6575069 6575133 .       +       .
Parent=Smp_173060.1;Name=1a69458f-9cc7-46b6-9fe5-3f3803741d9e
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Parent=Smp_173060.1;Name=3e281542-10bd-4749-bdb1-948dc6e7955c
SM_V9_6 iris    exon    6575324 6575419 .       +       .
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SM_V9_6 iris    exon    6575492 6575611 .       +       .
Parent=Smp_173060.1;Name=d4807e46-30fd-40c6-8b17-b46166173208
SM_V9_6 iris    exon    6583831 6583966 .       +       .
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SM_V9_6 iris    exon    6612166 6612431 .       +       .
Parent=Smp_173060.1;Name=99e89521-6bfa-41fa-a35f-36ba20ad6cf2
SM_V9_6 iris    exon    6614093 6614627 .       +       .
Parent=Smp_173060.1;Name=0be03235-f33e-4202-87bc-cd48f8a65adb
SM_V9_6 iris    exon    6619245 6619580 .       +       .
Parent=Smp_173060.1;Name=c79cd217-94d8-4550-9e94-7e903df12339
SM_V9_6 iris    exon    6621074 6621130 .       +       .
Parent=Smp_173060.1;Name=3cff03f6-eb5b-47af-93fc-28c3295b8400
SM_V9_6 iris    exon    6622437 6622532 .       +       .
Parent=Smp_173060.1;Name=78dd23d1-3411-49f4-bd49-c724e571830b
SM_V9_6 iris    exon    6623532 6624551 .       +       .
Parent=Smp_173060.1;Name=c60b8812-b770-4376-a34b-5a85ba0011d2
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Parent=Smp_173060.1
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SM_V9_6 iris    CDS     6575324 6575419 .       +       1
Parent=Smp_173060.1
SM_V9_6 iris    CDS     6575492 6575611 .       +       1
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Parent=Smp_173060.1
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ID=Smp_120080;geneID=Smp_120080;gene_name=Smp_120080;owner=irisadmin
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SM_V9_6 iris    exon    6659401 6659556 .       +       .
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SM_V9_6 iris    exon    6666235 6666369 .       +       .
Parent=Smp_120080.1;Name=edb91f87-b8e2-42a5-a3b8-08cf9238dfdb
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Parent=Smp_120080.1;Name=c46a0f5a-f69e-4b51-b753-91c8f32c6325
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Parent=Smp_086030.1
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ID=Smp_204690;geneID=Smp_204690
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ID=Smp_204690.1;Parent=Smp_204690;geneID=Smp_204690;product=Hypothet
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Parent=Smp_204690.1
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ID=Smp_267100.1;Parent=Smp_267100;geneID=Smp_267100;gene_name=Smp_26
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protein 36;date_creation=2022-07-18
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SM_V9_6 iris    exon    6835007 6835224 .       +       .
Parent=Smp_267100.1;Name=93a9fde4-ef98-4f94-93b8-09944e5b8de5
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Parent=Smp_267100.1;Name=c5144139-678e-4f6b-9476-2ebe0d194b95
SM_V9_6 iris    exon    6835325 6835546 .       +       .
Parent=Smp_267100.1;Name=f346dc41-2041-4b6f-9596-28a13bb69a6f
SM_V9_6 iris    exon    6835581 6835901 .       +       .
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Parent=Smp_267100.1;Name=5f029657-420c-40d7-a976-f9d9db787134
SM_V9_6 iris    exon    6854014 6854176 .       +       .
Parent=Smp_267100.1;Name=e6b6c490-ffff-4fa9-954c-0a54652bef8b
SM_V9_6 iris    exon    6858256 6858367 .       +       .
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SM_V9_6 iris    exon    6859791 6859873 .       +       .
Parent=Smp_267100.1;Name=962b6678-b4e8-4a9d-a6d6-558570cfecb5
SM_V9_6 iris    exon    6866203 6866406 .       +       .
Parent=Smp_267100.1;Name=fc319a76-c211-4a16-a991-89f7f630b53f
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Parent=Smp_267100.1;Name=e891daaf-6d9a-4383-90b6-b4db5cce3c0d
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Parent=Smp_267100.1;Name=375ab8b3-053d-4c6a-8253-54c9958ceb38
SM_V9_6 iris    exon    6872641 6872827 .       +       .
Parent=Smp_267100.1;Name=daa376d0-a8a7-4bef-8e96-ffa675c30062
SM_V9_6 iris    exon    6874692 6875126 .       +       .
Parent=Smp_267100.1;Name=cb8c3aa5-a6b6-434a-8985-44c6f11aaeab
SM_V9_6 iris    CDS     6835090 6835224 .       +       0
Parent=Smp_267100.1
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Parent=Smp_267100.1
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Parent=Smp_267100.1
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Parent=Smp_267100.1
SM_V9_6 iris    CDS     6852263 6852572 .       +       1
Parent=Smp_267100.1
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SM_V9_6 iris    CDS     6854014 6854176 .       +       2
Parent=Smp_267100.1
SM_V9_6 iris    CDS     6858256 6858367 .       +       1
Parent=Smp_267100.1
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Parent=Smp_267100.1
SM_V9_6 iris    CDS     6869764 6869883 .       +       1
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Parent=Smp_267100.1
SM_V9_6 iris    CDS     6872641 6872827 .       +       2
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SM_V9_6 iris    CDS     6874692 6875025 .       +       1
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ID=Smp_164990;geneID=Smp_164990
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ID=Smp_164990.1;Parent=Smp_164990;geneID=Smp_164990;product=Protein
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SM_V9_6 Liftoff exon    6961016 6961416 .       +       .
Parent=Smp_164990.1
SM_V9_6 Liftoff exon    6961458 6961525 .       +       .
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SM_V9_6 Liftoff exon    6961567 6961762 .       +       .
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Parent=Smp_164990.1
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Parent=Smp_164990.1
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ID=Smp_341300;geneID=Smp_341300;previous_systematic_id=Smp_079450
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ID=Smp_341300.1;Parent=Smp_341300;geneID=Smp_341300;product=Cytochro
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mitochondrial;polypeptide_domain=InterPro:IPR011249,IPR011765
Pfam:PF00675;Ontology_term=GO:0003824,GO:0046872
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Parent=Smp_341300.1
SM_V9_6 Liftoff exon    6987951 6988110 .       -       .
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SM_V9_6 Liftoff CDS     7000536 7000732 .       -       0
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SM_V9_6 Liftoff CDS     7012063 7012071 .       -       0
Parent=Smp_341300.1
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mitochondrial;polypeptide_domain=InterPro:IPR011249,IPR011765
Pfam:PF00675;Ontology_term=GO:0003824,GO:0046872
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Parent=Smp_341300.2
SM_V9_6 Liftoff exon    6987951 6988110 .       -       .
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SM_V9_6 Liftoff exon    6988721 6989066 .       -       .
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SM_V9_6 Liftoff exon    6999141 6999352 .       -       .
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SM_V9_6 Liftoff exon    7012063 7012175 .       -       .
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SM_V9_6 Liftoff CDS     6987951 6988110 .       -       1
Parent=Smp_341300.2
SM_V9_6 Liftoff CDS     6988721 6989066 .       -       2
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SM_V9_6 Liftoff CDS     6991736 6992017 .       -       2
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SM_V9_6 Liftoff CDS     6999141 6999352 .       -       1
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SM_V9_6 Liftoff CDS     7000536 7000732 .       -       0
Parent=Smp_341300.2
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Parent=Smp_341300.2
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lysine N-methyltransferase, H3 lysine-79
specific;polypeptide_domain=InterPro:IPR025789,IPR029063
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SM_V9_6 Liftoff exon    7092560 7093228 .       -       .
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Parent=Smp_165000.1
SM_V9_6 Liftoff exon    7118653 7118841 .       -       .
Parent=Smp_165000.1
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Parent=Smp_165000.1
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SM_V9_6 Liftoff exon    7145155 7145536 .       -       .
Parent=Smp_341310.1
SM_V9_6 Liftoff exon    7167256 7168443 .       -       .
Parent=Smp_341310.1
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Parent=Smp_341310.1
SM_V9_6 Liftoff CDS     7167256 7167870 .       -       0
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ID=Smp_079490;geneID=Smp_079490
SM_V9_6 Liftoff mRNA    7178897 7184260 .       +       .
ID=Smp_079490.1;Parent=Smp_079490;geneID=Smp_079490;product=Probable
RNA-binding protein sce3;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
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SM_V9_6 Liftoff exon    7179118 7179326 .       +       .
Parent=Smp_079490.1
SM_V9_6 Liftoff exon    7179366 7179540 .       +       .
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SM_V9_6 Liftoff exon    7182335 7182441 .       +       .
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SM_V9_6 Liftoff exon    7183527 7184260 .       +       .
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SM_V9_6 Liftoff CDS     7179118 7179326 .       +       0
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SM_V9_6 Liftoff CDS     7179366 7179540 .       +       1
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Parent=Smp_079490.1
SM_V9_6 Liftoff gene    7185388 7219183 .       -       .
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SM_V9_6 Liftoff CDS     7216662 7216910 .       -       0
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ID=Smp_315910;geneID=Smp_315910;gene_name=Smp_315910;owner=irisadmin
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ID=Smp_315910.1;Parent=Smp_315910;geneID=Smp_315910;gene_name=Smp_31
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Parent=Smp_315910.1;Name=c1d96580-7eb1-422c-a67d-ee9e0881fc23
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Parent=Smp_315910.1;Name=b5574232-7969-4c0f-bdc0-bde8a8ad514e
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Parent=Smp_315910.1;Name=134cf367-c061-48da-bdf6-073b8bc22d88
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Parent=Smp_315910.1;Name=21ffb424-7567-41bb-8ad1-376a1f0335d4
SM_V9_6 iris    exon    7288631 7288708 .       -       .
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SM_V9_6 iris    CDS     7257554 7257893 .       -       2
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SM_V9_6 iris    CDS     7288631 7288708 .       -       0
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SM_V9_6 iris    CDS     7291064 7291344 .       -       2
Parent=Smp_315910.1
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Parent=Smp_331400.1
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ID=Smp_247890;geneID=Smp_247890;gene_name=Smp_247890;owner=irisadmin
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ID=Smp_247890.1;Parent=Smp_247890;geneID=Smp_247890;gene_name=Smp_24
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Parent=Smp_247890.1;Name=339a50dc-7e9e-4905-8dd8-9507631d4ada
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Parent=Smp_247890.1;Name=d3f51a3b-60be-4a87-acc0-5cfec4e0f46f
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SM_V9_6 iris    CDS     7335588 7335700 .       -       2
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SM_V9_6 Liftoff CDS     7372972 7373265 .       +       0
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ID=Smp_066590;geneID=Smp_066590
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ID=Smp_066590.2;Parent=Smp_066590;geneID=Smp_066590;product=LYR
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Parent=Smp_066590.2
SM_V9_6 Liftoff exon    7374788 7375100 .       +       .
Parent=Smp_066590.2
SM_V9_6 Liftoff CDS     7374714 7374750 .       +       0
Parent=Smp_066590.2
SM_V9_6 Liftoff CDS     7374788 7375062 .       +       2
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SM_V9_6 Liftoff mRNA    7374717 7375100 .       +       .
ID=Smp_066590.1;Parent=Smp_066590;geneID=Smp_066590;product=LYR
motif-containing protein 4;polypeptide_domain=InterPro:IPR008011
Pfam:PF05347
SM_V9_6 Liftoff exon    7374717 7375100 .       +       .
Parent=Smp_066590.1
SM_V9_6 Liftoff CDS     7374814 7375062 .       +       0
Parent=Smp_066590.1
SM_V9_6 Liftoff gene    7417293 7417526 .       -       .
ID=Smp_202990;geneID=Smp_202990
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ID=Smp_202990.1;Parent=Smp_202990;geneID=Smp_202990;product=Hypothet
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SM_V9_6 Liftoff exon    7417293 7417526 .       -       .
Parent=Smp_202990.1
SM_V9_6 Liftoff CDS     7417293 7417526 .       -       0
Parent=Smp_202990.1
SM_V9_6 Liftoff gene    7489608 7512953 .       -       .
ID=Smp_012010;geneID=Smp_012010
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O;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR030456
Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
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Parent=Smp_012010.1
SM_V9_6 Liftoff exon    7498926 7499599 .       -       .
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SM_V9_6 Liftoff exon    7508803 7512953 .       -       .
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SM_V9_6 Liftoff CDS     7493016 7494252 .       -       1
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Parent=Smp_012010.1
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ID=Smp_158190;geneID=Smp_158190
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ID=Smp_158190.1;Parent=Smp_158190;geneID=Smp_158190;product=Transmem
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Pfam:PF03619
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SM_V9_6 Liftoff exon    7543366 7543456 .       +       .
Parent=Smp_158190.1
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SM_V9_6 Liftoff exon    7553611 7553780 .       +       .
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SM_V9_6 Liftoff CDS     7553611 7553780 .       +       1
Parent=Smp_158190.1
SM_V9_6 Liftoff CDS     7560256 7560501 .       +       2
Parent=Smp_158190.1
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ID=Smp_158180.1;Parent=Smp_158180;geneID=Smp_158180;gene_name=Smp_15
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ied=2022-07-18;Name=Smp_158180.1;product=Coiled-coil domain-
containing protein 13;date_creation=2022-07-18
SM_V9_6 iris    exon    7587849 7588591 .       -       .
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SM_V9_6 iris    exon    7597314 7598116 .       -       .
Parent=Smp_158180.1;Name=129ca0a7-6078-44c6-9b13-e3d802c6ac59
SM_V9_6 iris    CDS     7588377 7588591 .       -       2
Parent=Smp_158180.1
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ID=Smp_158170;geneID=Smp_158170
SM_V9_6 Liftoff mRNA    7628614 7646803 .       +       .
ID=Smp_158170.1;Parent=Smp_158170;geneID=Smp_158170;product=Hypothet
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Parent=Smp_158170.1
SM_V9_6 Liftoff exon    7640661 7640798 .       +       .
Parent=Smp_158170.1
SM_V9_6 Liftoff exon    7644621 7644721 .       +       .
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Parent=Smp_158170.1
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Parent=Smp_158170.1
SM_V9_6 Liftoff CDS     7645675 7645821 .       +       0
Parent=Smp_158170.1
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ID=Smp_158160;geneID=Smp_158160
SM_V9_6 Liftoff mRNA    7649841 7696066 .       -       .
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lin-28;polypeptide_domain=InterPro:IPR001878,IPR002059,IPR012340
Pfam:PF00098,PF00313;Ontology_term=GO:0003676,GO:0003677,GO:0006355,
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Parent=Smp_158160.1
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Parent=Smp_158160.1
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ID=Smp_158150.1;Parent=Smp_158150;geneID=Smp_158150;gene_name=Smp_15
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ied=2022-08-29;Name=Smp_158150.1;product=Reticulocalbin-2;date_creat
ion=2022-08-29
SM_V9_6 iris    exon    7701083 7701425 .       -       .
Parent=Smp_158150.1;Name=f7e1f821-bfb7-42a6-ad8a-50e97cc9212a
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SM_V9_6 iris    exon    7714247 7714412 .       -       .
Parent=Smp_158150.1;Name=51d7428f-ebdd-4337-b0b8-3f92ef8f1ca3
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SM_V9_6 iris    CDS     7705443 7705553 .       -       2
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ID=Smp_066520;geneID=Smp_066520
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ID=Smp_066520.1;Parent=Smp_066520;geneID=Smp_066520;product=Erythroc
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Parent=Smp_066520.1
SM_V9_6 Liftoff CDS     7724819 7725409 .       -       0
Parent=Smp_066520.1
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10666,IPR013497,IPR013498,IPR023405,IPR034144
Pfam:PF01131,PF01396,PF01751,PF06839;Ontology_term=GO:0003677,GO:000
3916,GO:0005694,GO:0006265,GO:0008270
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Parent=Smp_158140.1
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SM_V9_6 Liftoff CDS     7741729 7741804 .       +       1
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ID=Smp_158130.1;Parent=Smp_158130;geneID=Smp_158130;product=Ethanola
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cytidylyltransferase;polypeptide_domain=InterPro:IPR004821,IPR014729
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Parent=Smp_158130.1
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Parent=Smp_158130.1
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SM_V9_6 Liftoff mRNA    7824930 7853941 .       +       .
ID=Smp_207070.1;Parent=Smp_207070;geneID=Smp_207070;product=Uridine-
cytidine kinase-like
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7,IPR029057
Pfam:PF00485,PF14681;Ontology_term=GO:0005524,GO:0008152,GO:0009116,
GO:0016301
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Parent=Smp_207070.1
SM_V9_6 Liftoff exon    7826311 7826368 .       +       .
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Parent=Smp_207070.1
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SM_V9_6 Liftoff CDS     7849909 7850073 .       +       0
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SM_V9_6 Liftoff CDS     7852960 7853079 .       +       0
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SM_V9_6 iris    mRNA    7859304 7899416 .       -       .
ID=Smp_165700.1;Parent=Smp_165700;geneID=Smp_165700;gene_name=Smp_16
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ied=2022-07-18;Name=Smp_165700.1;product=Protein
similar;date_creation=2022-07-18
SM_V9_6 iris    exon    7859304 7861333 .       -       .
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alpha;polypeptide_domain=InterPro:IPR000719,IPR000961,IPR008271,IPR0
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Pfam:PF00069;Ontology_term=GO:0004672,GO:0004674,GO:0005524,GO:00064
68
SM_V9_6 Liftoff exon    8124473 8125312 .       +       .
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SM_V9_6 Liftoff exon    8155604 8155665 .       +       .
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SM_V9_6 Liftoff exon    8158915 8159043 .       +       .
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SM_V9_6 Liftoff exon    8167533 8167659 .       +       .
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Parent=Smp_164380.1
SM_V9_6 Liftoff exon    8172405 8172527 .       +       .
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SM_V9_6 Liftoff exon    8186586 8186693 .       +       .
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SM_V9_6 Liftoff exon    8186728 8186807 .       +       .
Parent=Smp_165680.1
SM_V9_6 Liftoff exon    8186864 8186960 .       +       .
Parent=Smp_165680.1
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Parent=Smp_165680.1
SM_V9_6 Liftoff exon    8190632 8190678 .       +       .
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SM_V9_6 Liftoff exon    8194627 8194692 .       +       .
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SM_V9_6 Liftoff exon    8204841 8205342 .       +       .
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Pfam:PF00179
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Parent=Smp_341360.1
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Parent=Smp_341360.1
SM_V9_6 Liftoff exon    8238282 8238346 .       -       .
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1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
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Parent=Smp_080730.1
SM_V9_6 Liftoff exon    8279397 8279553 .       +       .
Parent=Smp_080730.1
SM_V9_6 Liftoff exon    8279589 8279712 .       +       .
Parent=Smp_080730.1
SM_V9_6 Liftoff exon    8279742 8279915 .       +       .
Parent=Smp_080730.1
SM_V9_6 Liftoff exon    8280930 8281247 .       +       .
Parent=Smp_080730.1
SM_V9_6 Liftoff exon    8281843 8282417 .       +       .
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SM_V9_6 Liftoff CDS     8319752 8319891 .       -       2
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SM_V9_6 Liftoff CDS     8322411 8322521 .       -       2
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SM_V9_6 Liftoff CDS     8324235 8324418 .       -       0
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SM_V9_6 Liftoff exon    8351897 8352090 .       -       .
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SM_V9_6 Liftoff exon    8356933 8356989 .       -       .
Parent=Smp_080700.1
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Pfam:PF00194;Ontology_term=GO:0004089,GO:0006730,GO:0008270
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SM_V9_6 Liftoff CDS     8948706 8949024 .       +       0
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ID=Smp_141770;geneID=Smp_141770;gene_name=Smp_141770;owner=irisadmin
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SM_V9_6 Liftoff exon    9278537 9278620 .       +       .
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Parent=Smp_138920.1;Name=1d158f30-0a88-4d50-a3b7-233391cdd589
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ID=Smp_138900.1;Parent=Smp_138900;geneID=Smp_138900;product=Caskin-2
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SM_V9_6 Liftoff exon    9332189 9332949 .       -       .
Parent=Smp_138900.1
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Parent=Smp_138900.1
SM_V9_6 Liftoff CDS     9332189 9332949 .       -       0
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Parent=Smp_030870.1
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ied=2022-08-29;Name=Smp_030860.1;product=Serrate RNA effector
molecule homolog;date_creation=2022-07-18
SM_V9_6 iris    exon    9414828 9415062 .       -       .
Parent=Smp_030860.1;Name=1f027b44-f8e8-40f4-bbbb-631c55a70722
SM_V9_6 iris    exon    9415965 9416368 .       -       .
Parent=Smp_030860.1;Name=7249da3a-0115-4339-888e-973e950bb84d
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Parent=Smp_030860.1;Name=b1e2f450-30ef-4e65-9c3a-deb05fca580d
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Parent=Smp_030860.1;Name=b7646c6c-cefd-4639-8158-808187b3c435
SM_V9_6 iris    exon    9423493 9423648 .       -       .
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SM_V9_6 iris    exon    9423682 9423756 .       -       .
Parent=Smp_030860.1;Name=7795a92e-86c7-493f-b4ca-a41f9912177b
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Parent=Smp_030860.1;Name=8f21704a-8f51-4d3b-820e-652e1da26f19
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Parent=Smp_030860.1;Name=2ae28492-2d78-4294-a062-3b24889aad96
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ID=Smp_138890;geneID=Smp_138890
SM_V9_6 Liftoff mRNA    9446498 9458640 .       +       .
ID=Smp_138890.3;Parent=Smp_138890;geneID=Smp_138890;product=AN1-type
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SM_V9_6 Liftoff CDS     9455492 9455727 .       +       2
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SM_V9_6 Liftoff CDS     9456421 9456483 .       +       0
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SM_V9_6 Liftoff exon    9449765 9449807 .       +       .
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SM_V9_6 Liftoff exon    9455492 9455727 .       +       .
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SM_V9_6 Liftoff exon    9456421 9456483 .       +       .
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SM_V9_6 Liftoff CDS     9456421 9456483 .       +       0
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SM_V9_6 Liftoff CDS     9457861 9458049 .       +       0
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SM_V9_6 Liftoff mRNA    9446508 9458847 .       +       .
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SM_V9_6 Liftoff CDS     9455492 9455727 .       +       2
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Parent=Smp_138880.1
SM_V9_6 Liftoff gene    9514815 9521647 .       +       .
ID=Smp_030830;geneID=Smp_030830
SM_V9_6 Liftoff mRNA    9514815 9521647 .       +       .
ID=Smp_030830.1;Parent=Smp_030830;geneID=Smp_030830;product=Ras
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92
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Parent=Smp_331510.1;Name=99e58769-a39e-478e-98b5-739184ea817c
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ID=Smp_169960;geneID=Smp_169960
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ID=Smp_169960.1;Parent=Smp_169960;geneID=Smp_169960;product=Dual
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22;polypeptide_domain=InterPro:IPR000340,IPR000387,IPR020417,IPR0204
22,IPR029021
Pfam:PF00782;Ontology_term=GO:0006470,GO:0008138,GO:0016311,GO:00167
91
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Parent=Smp_169960.1
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ID=Smp_087870.1;Parent=Smp_087870;geneID=Smp_087870;gene_name=Smp_08
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ied=2022-07-18;Name=Smp_087870.1;product=PRAME family member
6;date_creation=2022-07-18
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Parent=Smp_087870.1;Name=45809756-cbdc-4ee9-bbd5-1c5ec571c973
SM_V9_6 iris    exon    9993422 9993631 .       -       .
Parent=Smp_087870.1;Name=eb3d35b6-536a-4c95-9647-10664a0a8836
SM_V9_6 iris    exon    9995991 9996315 .       -       .
Parent=Smp_087870.1;Name=59679b70-0027-4100-9ab5-cc606115b912
SM_V9_6 iris    exon    9998797 9998927 .       -       .
Parent=Smp_087870.1;Name=3657dd3c-d0b7-4a73-b7d8-11004707448b
SM_V9_6 iris    exon    10000367        10000542        .       -
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SM_V9_6 iris    exon    10002196        10002672        .       -
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Parent=Smp_087870.1;Name=c24e6798-8b15-4749-9dbd-8d56b7159767
SM_V9_6 iris    exon    10002710        10002777        .       -
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SM_V9_6 iris    exon    10002814        10003030        .       -
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SM_V9_6 iris    exon    10003065        10003137        .       -
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SM_V9_6 iris    CDS     9993422 9993631 .       -       0
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SM_V9_6 iris    CDS     9995991 9996315 .       -       1
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SM_V9_6 iris    CDS     9998797 9998927 .       -       0
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SM_V9_6 iris    CDS     10000367        10000542        .       -
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SM_V9_6 iris    CDS     10002196        10002672        .       -
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SM_V9_6 iris    CDS     10002710        10002777        .       -
        1       Parent=Smp_087870.1
SM_V9_6 iris    CDS     10002814        10003030        .       -
        2       Parent=Smp_087870.1
SM_V9_6 iris    CDS     10003065        10003101        .       -
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SM_V9_6 iris    exon    10021160        10021236        .       +
        .       Parent=Smp_087860.1;Name=a6d351cc-56d4-4f73-
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SM_V9_6 iris    exon    10021276        10021467        .       +
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SM_V9_6 iris    exon    10023105        10023180        .       +
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ca9a91ab3b03
SM_V9_6 iris    exon    10024304        10024413        .       +
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Parent=Smp_087860.1;Name=7d48617d-09b8-40ae-8db4-2f537a4abd47
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SM_V9_6 iris    CDS     10020946        10021117        .       +
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SM_V9_6 iris    CDS     10021160        10021236        .       +
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SM_V9_6 iris    CDS     10021276        10021467        .       +
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SM_V9_6 iris    CDS     10023105        10023180        .       +
        0       Parent=Smp_087860.1
SM_V9_6 iris    CDS     10024304        10024413        .       +
        2       Parent=Smp_087860.1
SM_V9_6 iris    CDS     10025262        10025372        .       +
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SM_V9_6 Liftoff exon    10036072        10036395        .       -
        .       Parent=Smp_169950.1
SM_V9_6 Liftoff exon    10038000        10038170        .       -
        .       Parent=Smp_169950.1
SM_V9_6 Liftoff exon    10041953        10042137        .       -
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SM_V9_6 Liftoff exon    10058356        10058548        .       -
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SM_V9_6 Liftoff CDS     10036072        10036395        .       -
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SM_V9_6 Liftoff CDS     10038000        10038170        .       -
        2       Parent=Smp_169950.1
SM_V9_6 Liftoff CDS     10041953        10042137        .       -
        1       Parent=Smp_169950.1
SM_V9_6 Liftoff CDS     10058356        10058548        .       -
        2       Parent=Smp_169950.1
SM_V9_6 Liftoff CDS     10063717        10063827        .       -
        2       Parent=Smp_169950.1
SM_V9_6 Liftoff CDS     10072074        10072149        .       -
        0       Parent=Smp_169950.1
SM_V9_6 iris    gene    10087557        10110061        .       +
        .
ID=Smp_169940;geneID=Smp_169940;gene_name=Smp_169940;owner=irisadmin
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        .
ID=Smp_169940.1;Parent=Smp_169940;geneID=Smp_169940;gene_name=Smp_16
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protein 3;date_creation=2022-07-18
SM_V9_6 iris    exon    10087557        10087827        .       +
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bb667b660aea
SM_V9_6 iris    exon    10087862        10087953        .       +
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SM_V9_6 iris    exon    10090039        10090374        .       +
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SM_V9_6 iris    exon    10092567        10093087        .       +
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SM_V9_6 iris    exon    10100723        10101142        .       +
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SM_V9_6 iris    exon    10102147        10102864        .       +
        .       Parent=Smp_169940.1;Name=02dfa367-9873-4d2b-
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SM_V9_6 iris    exon    10104614        10105365        .       +
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SM_V9_6 iris    exon    10106802        10107185        .       +
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SM_V9_6 iris    CDS     10087668        10087827        .       +
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SM_V9_6 iris    CDS     10087862        10087953        .       +
        2       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10090039        10090374        .       +
        0       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10092567        10093087        .       +
        0       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10097539        10097861        .       +
        1       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10100723        10101142        .       +
        2       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10102147        10102864        .       +
        2       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10104614        10105365        .       +
        1       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10106802        10107185        .       +
        2       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10108446        10108572        .       +
        2       Parent=Smp_169940.1
SM_V9_6 iris    CDS     10109760        10109823        .       +
        1       Parent=Smp_169940.1
SM_V9_6 Liftoff gene    10111768        10137773        .       -
        .       ID=Smp_169930;geneID=Smp_169930
SM_V9_6 Liftoff mRNA    10111768        10137773        .       -
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ID=Smp_169930.1;Parent=Smp_169930;geneID=Smp_169930;product=HORMA
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3,IPR019787 Pfam:PF00628,PF02301
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        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10119411        10119571        .       -
        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10121955        10122023        .       -
        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10123555        10123677        .       -
        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10126877        10127008        .       -
        .       Parent=Smp_169930.1
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SM_V9_6 Liftoff exon    10128460        10128556        .       -
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        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10128643        10128746        .       -
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SM_V9_6 Liftoff exon    10136583        10136889        .       -
        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10136927        10137027        .       -
        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10137060        10137204        .       -
        .       Parent=Smp_169930.1
SM_V9_6 Liftoff exon    10137239        10137773        .       -
        .       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10111886        10111984        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10112945        10112995        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10118113        10118169        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10118581        10118671        .       -
        1       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10119411        10119571        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10121955        10122023        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10123555        10123677        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10126877        10127008        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10128460        10128556        .       -
        1       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10128591        10128601        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10128643        10128746        .       -
        2       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10136583        10136889        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10136927        10137027        .       -
        2       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10137060        10137204        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff CDS     10137239        10137277        .       -
        0       Parent=Smp_169930.1
SM_V9_6 Liftoff mRNA    10111768        10137773        .       -
        .
ID=Smp_169930.2;Parent=Smp_169930;geneID=Smp_169930;product=HORMA
domain-containing protein
2;polypeptide_domain=InterPro:IPR001965,IPR003511,IPR011011,IPR01308
3,IPR019787 Pfam:PF00628,PF02301
SM_V9_6 Liftoff exon    10111768        10111984        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10112945        10112995        .       -
        .       Parent=Smp_169930.2
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SM_V9_6 Liftoff exon    10118581        10118671        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10119411        10119571        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10121955        10122023        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10123555        10123677        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10126877        10127008        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10128460        10128556        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10128591        10128601        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10128643        10128746        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10136583        10136889        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10136927        10137027        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10137060        10137204        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff exon    10137239        10137773        .       -
        .       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10111886        10111984        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10112945        10112995        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10118581        10118671        .       -
        1       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10119411        10119571        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10121955        10122023        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10123555        10123677        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10126877        10127008        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10128460        10128556        .       -
        1       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10128591        10128601        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10128643        10128746        .       -
        2       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10136583        10136889        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10136927        10137027        .       -
        2       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10137060        10137204        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff CDS     10137239        10137277        .       -
        0       Parent=Smp_169930.2
SM_V9_6 Liftoff gene    10150937        10151347        .       +
        .       ID=Smp_087820;geneID=Smp_087820
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SM_V9_6 Liftoff mRNA    10150937        10151347        .       +
        .
ID=Smp_087820.1;Parent=Smp_087820;geneID=Smp_087820;product=Protein
PLANT CADMIUM RESISTANCE 2;polypeptide_domain=InterPro:IPR006461
Pfam:PF04749
SM_V9_6 Liftoff exon    10150937        10151347        .       +
        .       Parent=Smp_087820.1
SM_V9_6 Liftoff CDS     10150937        10151347        .       +
        0       Parent=Smp_087820.1
SM_V9_6 Liftoff gene    10151437        10169969        .       +
        .       ID=Smp_087810;geneID=Smp_087810
SM_V9_6 Liftoff mRNA    10151437        10169969        .       +
        .
ID=Smp_087810.1;Parent=Smp_087810;geneID=Smp_087810;product=Nucleola
r GTP-binding protein
2;polypeptide_domain=InterPro:IPR006073,IPR012971,IPR023179,IPR02741
7,IPR030378 Pfam:PF01926,PF08153;Ontology_term=GO:0005525
SM_V9_6 Liftoff exon    10151437        10151588        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10151623        10151710        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10151745        10151839        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10151875        10152002        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10152036        10152134        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10153549        10153701        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10156768        10156926        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10159461        10159660        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10160224        10160374        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10166211        10166492        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10167711        10167860        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10168876        10168974        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff exon    10169519        10169969        .       +
        .       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10151531        10151588        .       +
        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10151623        10151710        .       +
        2       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10151745        10151839        .       +
        1       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10151875        10152002        .       +
        2       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10152036        10152134        .       +
        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10153549        10153701        .       +
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        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10156768        10156926        .       +
        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10159461        10159660        .       +
        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10160224        10160374        .       +
        1       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10166211        10166492        .       +
        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10167711        10167860        .       +
        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10168876        10168974        .       +
        0       Parent=Smp_087810.1
SM_V9_6 Liftoff CDS     10169519        10169794        .       +
        0       Parent=Smp_087810.1
SM_V9_6 iris    gene    10172485        10177692        .       -
        .
ID=Smp_337770;geneID=Smp_337770;gene_name=Smp_337770;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10172485        10177692        .       -
        .
ID=Smp_337770.1;Parent=Smp_337770;geneID=Smp_337770;gene_name=Smp_33
7770;owner=irisadmin@local.host;orig_id=Smp_337770.1;date_last_modif
ied=2022-07-18;Name=Smp_337770.1;product=Translation machinery-
associated protein 7;date_creation=2022-07-18
SM_V9_6 iris    exon    10172485        10172850        .       -
        .
Parent=Smp_337770.1;Name=818aae91-2de7-4e80-933c-07c3c8802d7b
SM_V9_6 iris    exon    10177640        10177692        .       -
        .       Parent=Smp_337770.1;Name=d8b9fd5f-
b6c5-41f0-987b-25339c01f07a
SM_V9_6 iris    CDS     10172654        10172845        .       -
        0       Parent=Smp_337770.1
SM_V9_6 iris    gene    10206341        10220283        .       +
        .
ID=Smp_347160;geneID=Smp_347160;gene_name=Smp_347160;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    10206341        10220283        .       +
        .
ID=Smp_347160.1;Parent=Smp_347160;geneID=Smp_347160;gene_name=Smp_34
7160;owner=irisadmin@local.host;orig_id=Smp_347160.1;date_last_modif
ied=2022-08-29;Name=Smp_347160.1;product=Minor histocompatibility
antigen H13;date_creation=2022-08-15
SM_V9_6 iris    exon    10206341        10206653        .       +
        .
Parent=Smp_347160.1;Name=ccc87e36-574d-4154-9222-6c4369f84fca
SM_V9_6 iris    exon    10206688        10206776        .       +
        .       Parent=Smp_347160.1;Name=803c58bf-fc47-449a-bf3d-
c0d6b76a6bef
SM_V9_6 iris    exon    10206809        10206921        .       +
        .       Parent=Smp_347160.1;Name=63d0050e-0dad-4fbc-
a6b6-6f39939ca11c
SM_V9_6 iris    exon    10206958        10207043        .       +
        .       Parent=Smp_347160.1;Name=a1425674-fec8-4fbf-ac6f-
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a934cf00f393
SM_V9_6 iris    exon    10207075        10207200        .       +
        .       Parent=Smp_347160.1;Name=2b04e6d9-
a29f-4215-83b4-0cf14f3ab1ac
SM_V9_6 iris    exon    10207235        10207292        .       +
        .       Parent=Smp_347160.1;Name=bc6f2fca-
c1cc-4444-96a8-5ca475b1d18d
SM_V9_6 iris    exon    10214633        10214753        .       +
        .       Parent=Smp_347160.1;Name=eb3b6429-
b7e4-4b20-84fd-43f016978462
SM_V9_6 iris    exon    10216540        10216645        .       +
        .       Parent=Smp_347160.1;Name=17b45841-e4a2-41a8-973d-
d177fb49882c
SM_V9_6 iris    exon    10218039        10218124        .       +
        .       Parent=Smp_347160.1;Name=3ccc8c6c-4d8b-4b84-9ab5-
b04537500a86
SM_V9_6 iris    exon    10219771        10220283        .       +
        .       Parent=Smp_347160.1;Name=040450cc-
a886-4c05-8a3e-764a3e80537d
SM_V9_6 iris    CDS     10206408        10206653        .       +
        0       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10206688        10206776        .       +
        0       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10206809        10206921        .       +
        1       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10206958        10207043        .       +
        2       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10207075        10207200        .       +
        0       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10207235        10207292        .       +
        0       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10214633        10214753        .       +
        2       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10216540        10216645        .       +
        1       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10218039        10218124        .       +
        0       Parent=Smp_347160.1
SM_V9_6 iris    CDS     10219771        10219846        .       +
        1       Parent=Smp_347160.1
SM_V9_6 iris    gene    10231952        10232714        .       -
        .
ID=Smp_099420;geneID=Smp_099420;gene_name=Smp_099420;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    10231952        10232714        .       -
        .
ID=Smp_099420.1;Parent=Smp_099420;geneID=Smp_099420;gene_name=Smp_09
9420;owner=irisadmin@local.host;orig_id=Smp_099420.1;date_last_modif
ied=2022-08-15;Name=Smp_099420.1;product=Mitochondrial pyruvate
carrier 2;date_creation=2022-08-15
SM_V9_6 iris    exon    10231952        10232279        .       -
        .       Parent=Smp_099420.1;Name=1a1570ae-b0f7-4357-9b7a-
a30820aadf45
SM_V9_6 iris    exon    10232312        10232508        .       -
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Parent=Smp_099420.1;Name=ebfffc90-5c82-4b2f-962c-35be8f9b3cad
SM_V9_6 iris    exon    10232549        10232714        .       -
        .       Parent=Smp_099420.1;Name=ce4a923e-5f34-41d4-8b96-
bac4e9a07a7c
SM_V9_6 iris    CDS     10232261        10232279        .       -
        1       Parent=Smp_099420.1
SM_V9_6 iris    CDS     10232312        10232508        .       -
        0       Parent=Smp_099420.1
SM_V9_6 iris    CDS     10232549        10232674        .       -
        0       Parent=Smp_099420.1
SM_V9_6 Liftoff gene    10263927        10266104        .       +
        .       ID=Smp_099440;geneID=Smp_099440
SM_V9_6 Liftoff mRNA    10263927        10266104        .       +
        .
ID=Smp_099440.1;Parent=Smp_099440;geneID=Smp_099440;product=Noggin-1
;polypeptide_domain=InterPro:IPR029034 Pfam:PF05806
SM_V9_6 Liftoff exon    10263927        10266104        .       +
        .       Parent=Smp_099440.1
SM_V9_6 Liftoff CDS     10264508        10265920        .       +
        0       Parent=Smp_099440.1
SM_V9_6 Liftoff gene    10324396        10355620        .       -
        .       ID=Smp_176710;geneID=Smp_176710
SM_V9_6 Liftoff mRNA    10324396        10355620        .       -
        .
ID=Smp_176710.1;Parent=Smp_176710;geneID=Smp_176710;product=Nuclear
factor interleukin-3-regulated
protein;polypeptide_domain=InterPro:IPR004827
Pfam:PF07716;Ontology_term=GO:0003700,GO:0006355
SM_V9_6 Liftoff exon    10324396        10328708        .       -
        .       Parent=Smp_176710.1
SM_V9_6 Liftoff exon    10352916        10355620        .       -
        .       Parent=Smp_176710.1
SM_V9_6 Liftoff CDS     10327300        10328708        .       -
        2       Parent=Smp_176710.1
SM_V9_6 Liftoff CDS     10352916        10355403        .       -
        0       Parent=Smp_176710.1
SM_V9_6 Liftoff gene    10475299        10491477        .       +
        .       ID=Smp_176720;geneID=Smp_176720
SM_V9_6 Liftoff mRNA    10475299        10491477        .       +
        .
ID=Smp_176720.1;Parent=Smp_176720;geneID=Smp_176720;product=Lipoma
HMGIC fusion partner homolog;polypeptide_domain=InterPro:IPR019372
Pfam:PF10242
SM_V9_6 Liftoff exon    10475299        10476142        .       +
        .       Parent=Smp_176720.1
SM_V9_6 Liftoff exon    10489653        10489754        .       +
        .       Parent=Smp_176720.1
SM_V9_6 Liftoff exon    10490659        10491477        .       +
        .       Parent=Smp_176720.1
SM_V9_6 Liftoff CDS     10475614        10476142        .       +
        0       Parent=Smp_176720.1
SM_V9_6 Liftoff CDS     10489653        10489754        .       +
        2       Parent=Smp_176720.1
SM_V9_6 Liftoff CDS     10490659        10491239        .       +
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        2       Parent=Smp_176720.1
SM_V9_6 iris    gene    10499016        10593105        .       -
        .
ID=Smp_334730;geneID=Smp_334730;gene_name=Smp_334730;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10499016        10593105        .       -
        .
ID=Smp_334730.1;Parent=Smp_334730;geneID=Smp_334730;gene_name=Smp_33
4730;owner=irisadmin@local.host;orig_id=Smp_334730.1;date_last_modif
ied=2022-07-18;Name=Smp_334730.1;product=Glycine receptor subunit
alpha-2;date_creation=2022-07-18
SM_V9_6 iris    exon    10499016        10500902        .       -
        .       Parent=Smp_334730.1;Name=878760a9-9375-4fd8-972b-
d796bf9a58be
SM_V9_6 iris    exon    10504586        10505119        .       -
        .       Parent=Smp_334730.1;Name=979f258d-
b915-47e2-912d-04797926055d
SM_V9_6 iris    exon    10506350        10506565        .       -
        .
Parent=Smp_334730.1;Name=5535b043-1461-4dad-8c2b-564fe2492ed3
SM_V9_6 iris    exon    10591849        10593105        .       -
        .       Parent=Smp_334730.1;Name=8a623df3-24b6-440d-b4b9-
c6be5726c3ff
SM_V9_6 iris    CDS     10500177        10500902        .       -
        0       Parent=Smp_334730.1
SM_V9_6 iris    CDS     10504586        10505119        .       -
        0       Parent=Smp_334730.1
SM_V9_6 iris    CDS     10506350        10506565        .       -
        0       Parent=Smp_334730.1
SM_V9_6 iris    CDS     10591849        10592973        .       -
        0       Parent=Smp_334730.1
SM_V9_6 Liftoff gene    10529393        10529527        .       +
        .       ID=Smp_176740;geneID=Smp_176740
SM_V9_6 Liftoff mRNA    10529393        10529527        .       +
        .
ID=Smp_176740.1;Parent=Smp_176740;geneID=Smp_176740;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    10529393        10529527        .       +
        .       Parent=Smp_176740.1
SM_V9_6 Liftoff CDS     10529393        10529527        .       +
        0       Parent=Smp_176740.1
SM_V9_6 iris    gene    10607784        10652125        .       -
        .
ID=Smp_176750;geneID=Smp_176750;gene_name=Smp_176750;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10607784        10652125        .       -
        .
ID=Smp_176750.1;Parent=Smp_176750;geneID=Smp_176750;gene_name=Smp_17
6750;owner=irisadmin@local.host;orig_id=Smp_176750.1;date_last_modif
ied=2022-07-18;Name=Smp_176750.1;product=AP2-associated protein
kinase 1;date_creation=2022-07-18
SM_V9_6 iris    exon    10607784        10609359        .       -
        .       Parent=Smp_176750.1;Name=eb67967a-c45d-4791-
b76d-6a3a861e7d2c
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SM_V9_6 iris    exon    10610524        10610884        .       -
        .
Parent=Smp_176750.1;Name=e38f93da-5496-4c0a-993b-3fa32c16a23f
SM_V9_6 iris    exon    10612240        10612415        .       -
        .       Parent=Smp_176750.1;Name=300e61ad-ea6a-47f1-b3f8-
ed32eaac7581
SM_V9_6 iris    exon    10616073        10616427        .       -
        .
Parent=Smp_176750.1;Name=fede2308-6187-4936-9b58-3dcbf2e8c25b
SM_V9_6 iris    exon    10618666        10618769        .       -
        .       Parent=Smp_176750.1;Name=629c1dce-
d3f2-4b74-9239-611c69133b7b
SM_V9_6 iris    exon    10621068        10621171        .       -
        .       Parent=Smp_176750.1;Name=88129ba4-
d898-4307-8d77-336a9c5e1e18
SM_V9_6 iris    exon    10626740        10626954        .       -
        .       Parent=Smp_176750.1;Name=78509a02-3b3a-442b-a033-
a4bea1465706
SM_V9_6 iris    exon    10629564        10629685        .       -
        .       Parent=Smp_176750.1;Name=7a8f88e8-f135-4444-
a1ed-101172942c25
SM_V9_6 iris    exon    10633925        10634067        .       -
        .       Parent=Smp_176750.1;Name=6ec876c2-93ed-430c-
a7f2-9573cd96b915
SM_V9_6 iris    exon    10635503        10635605        .       -
        .
Parent=Smp_176750.1;Name=8289d62d-3fcf-4aeb-817e-776bf2232350
SM_V9_6 iris    exon    10638498        10638616        .       -
        .
Parent=Smp_176750.1;Name=200744d9-3652-4ddc-8263-0d23ba52553b
SM_V9_6 iris    exon    10651868        10652125        .       -
        .       Parent=Smp_176750.1;Name=03463801-4d6b-4e9a-a523-
d63e8bd6b238
SM_V9_6 iris    CDS     10610533        10610884        .       -
        1       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10612240        10612415        .       -
        0       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10616073        10616427        .       -
        1       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10618666        10618769        .       -
        0       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10621068        10621171        .       -
        2       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10626740        10626954        .       -
        1       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10629564        10629685        .       -
        0       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10633925        10634067        .       -
        2       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10635503        10635605        .       -
        0       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10638498        10638616        .       -
        2       Parent=Smp_176750.1
SM_V9_6 iris    CDS     10651868        10652027        .       -
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SM_V9_6 iris    gene    10666789        10679453        .       +
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10666789        10679453        .       +
        .
ID=Smp_087440.1;Parent=Smp_087440;geneID=Smp_087440;gene_name=Smp_08
7440;owner=irisadmin@local.host;orig_id=Smp_087440.1;date_last_modif
ied=2022-07-18;Name=Smp_087440.1;product=39S ribosomal protein L3,
mitochondrial;date_creation=2022-07-18
SM_V9_6 iris    exon    10666789        10666887        .       +
        .       Parent=Smp_087440.1;Name=fc94af65-cb47-4d5a-
b86e-4cc0f6569cba
SM_V9_6 iris    exon    10667419        10667543        .       +
        .       Parent=Smp_087440.1;Name=aa35351a-ef70-4ca9-b10e-
a72fc7b4863d
SM_V9_6 iris    exon    10667589        10667925        .       +
        .
Parent=Smp_087440.1;Name=73ab8a6b-2065-4f24-8a73-87579bd2b6c5
SM_V9_6 iris    exon    10670173        10670443        .       +
        .
Parent=Smp_087440.1;Name=4c96015c-5183-4cf5-825c-1c65e70a44bb
SM_V9_6 iris    exon    10672830        10672890        .       +
        .       Parent=Smp_087440.1;Name=43b6a770-8714-4997-8a65-
b2275d1bf52d
SM_V9_6 iris    exon    10674257        10674368        .       +
        .       Parent=Smp_087440.1;Name=a8aa42ff-e23d-4bd8-
bd3f-0aa4c843921e
SM_V9_6 iris    exon    10675490        10675561        .       +
        .       Parent=Smp_087440.1;Name=77949164-471f-4f6f-9ac4-
c678b934eb1e
SM_V9_6 iris    exon    10679051        10679453        .       +
        .       Parent=Smp_087440.1;Name=92637a7d-6e88-48a4-bf14-
cf498d07fec4
SM_V9_6 iris    CDS     10667512        10667543        .       +
        0       Parent=Smp_087440.1
SM_V9_6 iris    CDS     10667589        10667925        .       +
        1       Parent=Smp_087440.1
SM_V9_6 iris    CDS     10670173        10670443        .       +
        0       Parent=Smp_087440.1
SM_V9_6 iris    CDS     10672830        10672890        .       +
        2       Parent=Smp_087440.1
SM_V9_6 iris    CDS     10674257        10674368        .       +
        1       Parent=Smp_087440.1
SM_V9_6 iris    CDS     10675490        10675561        .       +
        0       Parent=Smp_087440.1
SM_V9_6 iris    CDS     10679051        10679350        .       +
        0       Parent=Smp_087440.1
SM_V9_6 iris    gene    10685236        10697229        .       +
        .
ID=Smp_169720;geneID=Smp_169720;gene_name=Smp_169720;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10685236        10697196        .       +
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9720;owner=irisadmin@local.host;orig_id=Smp_169720.1;date_last_modif
ied=2022-07-18;Name=Smp_169720.1;product=WD repeat-containing
protein 89;date_creation=2022-07-18
SM_V9_6 iris    exon    10685236        10685567        .       +
        .
Parent=Smp_169720.1;Name=62177c1f-6b89-4bcf-9c64-24efac655ae3
SM_V9_6 iris    exon    10689775        10690065        .       +
        .       Parent=Smp_169720.1;Name=905ee72a-
d0fe-4b07-890b-262d225fb1ff
SM_V9_6 iris    exon    10691749        10692117        .       +
        .       Parent=Smp_169720.1;Name=e21d075d-a5bb-49f6-
be6b-1b27d0137e2b
SM_V9_6 iris    exon    10696363        10697196        .       +
        .       Parent=Smp_169720.1;Name=fc073729-
a47a-4a26-8f09-72cc9d8fb737
SM_V9_6 iris    CDS     10689802        10690065        .       +
        0       Parent=Smp_169720.1
SM_V9_6 iris    CDS     10691749        10692117        .       +
        0       Parent=Smp_169720.1
SM_V9_6 iris    CDS     10696363        10697001        .       +
        0       Parent=Smp_169720.1
SM_V9_6 iris    mRNA    10688653        10697229        .       +
        .
ID=Smp_169720.2;Parent=Smp_169720;geneID=Smp_169720;gene_name=Smp_16
9720;owner=irisadmin@local.host;orig_id=Smp_169720.2;date_last_modif
ied=2022-07-18;Name=Smp_169720.2;product=WD repeat-containing
protein 89;date_creation=2022-07-18
SM_V9_6 iris    exon    10688653        10690065        .       +
        .       Parent=Smp_169720.2;Name=4a14ea85-
a088-4405-88ee-9107fc375765
SM_V9_6 iris    exon    10691749        10692117        .       +
        .
Parent=Smp_169720.2;Name=a5a80394-121a-474e-8286-08d5f18d6abc
SM_V9_6 iris    exon    10696363        10697229        .       +
        .       Parent=Smp_169720.2;Name=e0d676cf-6d03-4140-8ff8-
f87eec7c9c0d
SM_V9_6 iris    CDS     10689802        10690065        .       +
        0       Parent=Smp_169720.2
SM_V9_6 iris    CDS     10691749        10692117        .       +
        0       Parent=Smp_169720.2
SM_V9_6 iris    CDS     10696363        10697001        .       +
        0       Parent=Smp_169720.2
SM_V9_6 iris    gene    10705380        10733607        .       -
        .
ID=Smp_169730;geneID=Smp_169730;gene_name=Smp_169730;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10705380        10733607        .       -
        .
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9730;owner=irisadmin@local.host;orig_id=Smp_169730.1;date_last_modif
ied=2022-07-18;Name=Smp_169730.1;product=Fascin;date_creation=2022-0
7-18
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SM_V9_6 iris    exon    10705380        10706287        .       -
        .       Parent=Smp_169730.1;Name=12655540-a49f-4eb7-
b616-8cb7ac3e70bb
SM_V9_6 iris    exon    10713106        10713446        .       -
        .       Parent=Smp_169730.1;Name=2f03816c-cba7-439f-
ac87-54cbe5d0a300
SM_V9_6 iris    exon    10716289        10716607        .       -
        .       Parent=Smp_169730.1;Name=c3753358-243e-4ac6-83d2-
fa8ea42bb6ac
SM_V9_6 iris    exon    10719800        10719982        .       -
        .       Parent=Smp_169730.1;Name=5a27f80e-7ba9-410f-
b9c7-1e0514dea96d
SM_V9_6 iris    exon    10724601        10724901        .       -
        .       Parent=Smp_169730.1;Name=5a2a6daf-d7cf-453c-
b249-89ad97012c1d
SM_V9_6 iris    exon    10725941        10726104        .       -
        .       Parent=Smp_169730.1;Name=5f99247b-099c-4a2d-9da4-
e432be2eb754
SM_V9_6 iris    exon    10728862        10729124        .       -
        .       Parent=Smp_169730.1;Name=c9542c45-ee02-4176-96da-
a2a514b1553f
SM_V9_6 iris    exon    10733502        10733607        .       -
        .       Parent=Smp_169730.1;Name=34dd0f12-17f7-40fc-b2f1-
bb628f973aed
SM_V9_6 iris    CDS     10705995        10706287        .       -
        2       Parent=Smp_169730.1
SM_V9_6 iris    CDS     10713106        10713446        .       -
        1       Parent=Smp_169730.1
SM_V9_6 iris    CDS     10716289        10716607        .       -
        2       Parent=Smp_169730.1
SM_V9_6 iris    CDS     10719800        10719982        .       -
        2       Parent=Smp_169730.1
SM_V9_6 iris    CDS     10724601        10724901        .       -
        0       Parent=Smp_169730.1
SM_V9_6 iris    CDS     10725941        10726104        .       -
        2       Parent=Smp_169730.1
SM_V9_6 iris    CDS     10728862        10729117        .       -
        0       Parent=Smp_169730.1
SM_V9_6 iris    gene    10759506        10764278        .       -
        .
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@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    10759506        10764278        .       -
        .
ID=Smp_315480.1;Parent=Smp_315480;geneID=Smp_315480;gene_name=Smp_31
5480;owner=irisadmin@local.host;orig_id=Smp_315480.1;date_last_modif
ied=2022-08-15;Name=Smp_315480.1;product=Hypothetical
protein;date_creation=2022-08-15
SM_V9_6 iris    exon    10759506        10760105        .       -
        .       Parent=Smp_315480.1;Name=Smp_315480.1-CDS
SM_V9_6 iris    exon    10761489        10761987        .       -
        .       Parent=Smp_315480.1;Name=0c221318-f9af-43d9-
b94b-27ec210df533
SM_V9_6 iris    exon    10764198        10764278        .       -
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        .       Parent=Smp_315480.1;Name=66249b78-5afe-4776-
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SM_V9_6 iris    CDS     10759660        10760105        .       -
        2       Parent=Smp_315480.1
SM_V9_6 iris    CDS     10761489        10761987        .       -
        0       Parent=Smp_315480.1
SM_V9_6 iris    CDS     10764198        10764206        .       -
        0       Parent=Smp_315480.1
SM_V9_6 Liftoff gene    10766733        10782840        .       -
        .
ID=Smp_315490;geneID=Smp_315490;previous_systematic_id=Smp_169740,Sm
p_187040
SM_V9_6 Liftoff mRNA    10766733        10782840        .       -
        .
ID=Smp_315490.1;Parent=Smp_315490;geneID=Smp_315490;product=Uncharac
terized protein
F21D5.5;polypeptide_domain=InterPro:IPR006549,IPR006551,IPR013954,IP
R023214,IPR027417 Pfam:PF08645,PF13671
SM_V9_6 Liftoff exon    10766733        10767123        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10768580        10768641        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10769711        10769908        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10773885        10773946        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10774840        10775035        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10776653        10776714        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10779758        10779878        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10779919        10780005        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10780052        10780130        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10780167        10780246        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10780287        10780404        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff exon    10782738        10782840        .       -
        .       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10767003        10767123        .       -
        1       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10768580        10768641        .       -
        0       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10769711        10769908        .       -
        0       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10773885        10773946        .       -
        2       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10774840        10775035        .       -
        0       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10776653        10776714        .       -
        2       Parent=Smp_315490.1
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SM_V9_6 Liftoff CDS     10779758        10779878        .       -
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SM_V9_6 Liftoff CDS     10779919        10780005        .       -
        0       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10780052        10780130        .       -
        1       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10780167        10780246        .       -
        0       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10780287        10780404        .       -
        1       Parent=Smp_315490.1
SM_V9_6 Liftoff CDS     10782738        10782787        .       -
        0       Parent=Smp_315490.1
SM_V9_6 iris    gene    10790627        10845040        .       -
        .
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SM_V9_6 iris    mRNA    10790627        10845040        .       -
        .
ID=Smp_169750.1;Parent=Smp_169750;geneID=Smp_169750;gene_name=Smp_16
9750;owner=irisadmin@local.host;orig_id=Smp_169750.1;date_last_modif
ied=2022-08-15;Name=Smp_169750.1;product=Endoribonuclease
Dcr-1;date_creation=2022-08-15
SM_V9_6 iris    exon    10790627        10791214        .       -
        .       Parent=Smp_169750.1;Name=ca2f0f29-ac2e-4586-bb97-
c9a4a4b9bc37
SM_V9_6 iris    exon    10793002        10793077        .       -
        .       Parent=Smp_169750.1;Name=2de6960a-d7c0-4741-94f5-
b43a8faa7b82
SM_V9_6 iris    exon    10794521        10794779        .       -
        .       Parent=Smp_169750.1;Name=9b09f9d1-64af-4ffc-
aaf3-37595be4414a
SM_V9_6 iris    exon    10795479        10795856        .       -
        .
Parent=Smp_169750.1;Name=cc7218e9-9d6e-48ea-9b38-7b9182f4b896
SM_V9_6 iris    exon    10796994        10797362        .       -
        .
Parent=Smp_169750.1;Name=ac2216be-4918-45f8-898f-038ae918d8cf
SM_V9_6 iris    exon    10798482        10798648        .       -
        .       Parent=Smp_169750.1;Name=4723c9cb-6baa-44e6-beae-
a9ab77f46d9e
SM_V9_6 iris    exon    10799186        10799343        .       -
        .       Parent=Smp_169750.1;Name=84f1ff76-
bc53-49d9-91e3-41bf83efaff2
SM_V9_6 iris    exon    10800577        10800893        .       -
        .
Parent=Smp_169750.1;Name=87a84ef0-1dd3-45b7-9c60-7ce1bfa8e496
SM_V9_6 iris    exon    10802078        10802299        .       -
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e593-4c71-99bb-7a2187dd6517
SM_V9_6 iris    exon    10803333        10803492        .       -
        .       Parent=Smp_169750.1;Name=1e1e7fe5-3f20-48b7-abe7-
d9981c686b29
SM_V9_6 iris    exon    10805823        10805865        .       -
        .       Parent=Smp_169750.1;Name=c5d40638-596c-47bc-a0ee-
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f69e60de9bb2
SM_V9_6 iris    exon    10807162        10807635        .       -
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SM_V9_6 iris    exon    10809009        10809482        .       -
        .       Parent=Smp_169750.1;Name=8f34171f-6bc3-4494-be96-
a4b8ffef41b0
SM_V9_6 iris    exon    10810298        10810653        .       -
        .       Parent=Smp_169750.1;Name=b0779088-8755-46bf-b164-
b0d518298a21
SM_V9_6 iris    exon    10814997        10815402        .       -
        .       Parent=Smp_169750.1;Name=9c678628-516f-44b3-
a227-2e00cd4bbc5b
SM_V9_6 iris    exon    10816944        10817031        .       -
        .       Parent=Smp_169750.1;Name=6dc55474-70af-4090-ae67-
ce674c8183a4
SM_V9_6 iris    exon    10819269        10819442        .       -
        .       Parent=Smp_169750.1;Name=861335d8-
f576-4ae8-8619-08b0ed12ca0b
SM_V9_6 iris    exon    10820734        10820919        .       -
        .       Parent=Smp_169750.1;Name=fe688e38-b3cf-4b85-a46a-
b59c30e4f0c7
SM_V9_6 iris    exon    10822862        10823215        .       -
        .       Parent=Smp_169750.1;Name=aba73627-6ca5-4605-9150-
fe28d0954044
SM_V9_6 iris    exon    10823958        10824206        .       -
        .
Parent=Smp_169750.1;Name=2142be12-883a-487b-9d02-2371c9f1b736
SM_V9_6 iris    exon    10825427        10825562        .       -
        .
Parent=Smp_169750.1;Name=0c8b96e3-0473-46ea-823a-230d2a85a2e4
SM_V9_6 iris    exon    10826006        10826456        .       -
        .       Parent=Smp_169750.1;Name=b52f9b4f-ca69-46ba-8be0-
fe63e5f3eae5
SM_V9_6 iris    exon    10827701        10828195        .       -
        .       Parent=Smp_169750.1;Name=958466d8-6ed5-45a3-89c2-
b6c1368c5bc0
SM_V9_6 iris    exon    10829117        10829181        .       -
        .
Parent=Smp_169750.1;Name=24252d3f-96fb-4088-9f03-6ecf097f65bd
SM_V9_6 iris    exon    10834778        10835128        .       -
        .       Parent=Smp_169750.1;Name=5ebf3451-415d-4894-ba45-
dce446ca0162
SM_V9_6 iris    exon    10836647        10837299        .       -
        .
Parent=Smp_169750.1;Name=a6a87301-8f6c-4ec8-93cd-611746ef7437
SM_V9_6 iris    exon    10841827        10842054        .       -
        .
Parent=Smp_169750.1;Name=e6ea3b23-34b7-41af-8a20-452fe9a57207
SM_V9_6 iris    exon    10842797        10843014        .       -
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ba7a-221a291b531c
SM_V9_6 iris    exon    10843055        10843196        .       -
        .       Parent=Smp_169750.1;Name=6cb5439a-265e-4870-a415-
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c6c57f11725a
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a7d3-025561f4da51
SM_V9_6 iris    CDS     10791013        10791214        .       -
        1       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10793002        10793077        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10794521        10794779        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10795479        10795856        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10796994        10797362        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10798482        10798648        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10799186        10799343        .       -
        1       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10800577        10800893        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10802078        10802299        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10803333        10803492        .       -
        1       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10805823        10805865        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10807162        10807635        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10809009        10809482        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10810298        10810653        .       -
        1       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10814997        10815402        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10816944        10817031        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10819269        10819442        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10820734        10820919        .       -
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SM_V9_6 iris    CDS     10822862        10823215        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10823958        10824206        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10825427        10825562        .       -
        1       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10826006        10826456        .       -
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SM_V9_6 iris    CDS     10827701        10828195        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10829117        10829181        .       -
        1       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10834778        10835128        .       -
        1       Parent=Smp_169750.1
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SM_V9_6 iris    CDS     10836647        10837299        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10841827        10842054        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10842797        10843014        .       -
        2       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10843055        10843196        .       -
        0       Parent=Smp_169750.1
SM_V9_6 iris    CDS     10844903        10844992        .       -
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SM_V9_6 iris    gene    10848804        10872500        .       +
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10848804        10869648        .       +
        .
ID=Smp_087520.2;Parent=Smp_087520;geneID=Smp_087520;gene_name=Smp_08
7520;owner=irisadmin@local.host;orig_id=Smp_087520.3;date_last_modif
ied=2022-07-18;Name=Smp_087520.2;product=TATA box-binding protein-
like protein 1;date_creation=2022-07-18
SM_V9_6 iris    exon    10848804        10848948        .       +
        .       Parent=Smp_087520.2;Name=d5afe3fe-636e-4f50-84a4-
a55900b4dfbc
SM_V9_6 iris    exon    10855385        10855682        .       +
        .       Parent=Smp_087520.2;Name=954e1aa4-885f-4330-ae00-
f7e5fd8e29d0
SM_V9_6 iris    exon    10857231        10857313        .       +
        .
Parent=Smp_087520.2;Name=e94b9340-3fa5-49ef-9e91-77107a4b56a3
SM_V9_6 iris    exon    10863702        10863869        .       +
        .       Parent=Smp_087520.2;Name=a35c7063-a957-4ed9-
bb18-258d53d213de
SM_V9_6 iris    exon    10866011        10866108        .       +
        .       Parent=Smp_087520.2;Name=797023dc-26fe-4789-b984-
ec565bb69468
SM_V9_6 iris    exon    10867570        10869648        .       +
        .       Parent=Smp_087520.2;Name=f185254c-0c78-488c-88ed-
d63bdb761fb3
SM_V9_6 iris    CDS     10855386        10855682        .       +
        0       Parent=Smp_087520.2
SM_V9_6 iris    CDS     10857231        10857313        .       +
        0       Parent=Smp_087520.2
SM_V9_6 iris    CDS     10863702        10863869        .       +
        1       Parent=Smp_087520.2
SM_V9_6 iris    CDS     10866011        10866108        .       +
        1       Parent=Smp_087520.2
SM_V9_6 iris    CDS     10867570        10868864        .       +
        2       Parent=Smp_087520.2
SM_V9_6 iris    mRNA    10848804        10872500        .       +
        .
ID=Smp_087520.1;Parent=Smp_087520;geneID=Smp_087520;gene_name=Smp_08
7520;owner=irisadmin@local.host;orig_id=Smp_087520.2;date_last_modif
ied=2022-07-18;Name=Smp_087520.1;product=Vacuolar protein-sorting
protein BRO1;date_creation=2022-07-18
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SM_V9_6 iris    exon    10848804        10848948        .       +
        .       Parent=Smp_087520.1;Name=ee3dd827-
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SM_V9_6 iris    exon    10855385        10855682        .       +
        .       Parent=Smp_087520.1;Name=6cc85054-586e-41a3-837a-
f44d5bb6d811
SM_V9_6 iris    exon    10857231        10857313        .       +
        .       Parent=Smp_087520.1;Name=20804ea6-7362-498f-
b597-5be2095959ab
SM_V9_6 iris    exon    10863702        10863869        .       +
        .       Parent=Smp_087520.1;Name=f3e55726-
d6ec-43bb-908f-0c5ff55438f7
SM_V9_6 iris    exon    10866011        10866108        .       +
        .       Parent=Smp_087520.1;Name=51702123-7235-4b73-9313-
ee2b77dbc804
SM_V9_6 iris    exon    10867570        10868780        .       +
        .       Parent=Smp_087520.1;Name=219df5be-
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SM_V9_6 iris    exon    10871339        10872500        .       +
        .       Parent=Smp_087520.1;Name=6df55665-fb2f-4766-a53b-
f50e9f86022f
SM_V9_6 iris    CDS     10855386        10855682        .       +
        0       Parent=Smp_087520.1
SM_V9_6 iris    CDS     10857231        10857313        .       +
        0       Parent=Smp_087520.1
SM_V9_6 iris    CDS     10863702        10863869        .       +
        1       Parent=Smp_087520.1
SM_V9_6 iris    CDS     10866011        10866108        .       +
        1       Parent=Smp_087520.1
SM_V9_6 iris    CDS     10867570        10868780        .       +
        2       Parent=Smp_087520.1
SM_V9_6 iris    CDS     10871339        10871698        .       +
        0       Parent=Smp_087520.1
SM_V9_6 Liftoff gene    10874617        10877667        .       -
        .       ID=Smp_169760;geneID=Smp_169760
SM_V9_6 Liftoff mRNA    10874617        10877667        .       -
        .
ID=Smp_169760.1;Parent=Smp_169760;geneID=Smp_169760;product=Uncharac
terized protein CXorf65 homolog;polypeptide_domain=Pfam:PF15874
SM_V9_6 Liftoff exon    10874617        10875073        .       -
        .       Parent=Smp_169760.1
SM_V9_6 Liftoff exon    10875108        10875182        .       -
        .       Parent=Smp_169760.1
SM_V9_6 Liftoff exon    10875215        10875334        .       -
        .       Parent=Smp_169760.1
SM_V9_6 Liftoff exon    10875369        10875455        .       -
        .       Parent=Smp_169760.1
SM_V9_6 Liftoff exon    10875493        10877667        .       -
        .       Parent=Smp_169760.1
SM_V9_6 Liftoff CDS     10874961        10875073        .       -
        2       Parent=Smp_169760.1
SM_V9_6 Liftoff CDS     10875108        10875182        .       -
        2       Parent=Smp_169760.1
SM_V9_6 Liftoff CDS     10875215        10875334        .       -
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        2       Parent=Smp_169760.1
SM_V9_6 Liftoff CDS     10875369        10875455        .       -
        2       Parent=Smp_169760.1
SM_V9_6 Liftoff CDS     10875493        10875535        .       -
        0       Parent=Smp_169760.1
SM_V9_6 Liftoff gene    10891354        10911735        .       +
        .
ID=Smp_345920;geneID=Smp_345920;previous_systematic_id=Smp_169770
SM_V9_6 Liftoff mRNA    10891354        10911735        .       +
        .
ID=Smp_345920.1;Parent=Smp_345920;geneID=Smp_345920;product=Glycosyl
phosphatidylinositol anchor attachment 1
protein;polypeptide_domain=InterPro:IPR007246
Pfam:PF04114;Ontology_term=GO:0016021,GO:0042765
SM_V9_6 Liftoff exon    10891354        10893714        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10893752        10893836        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10893878        10893980        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10894028        10894175        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10894226        10894330        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10896514        10896710        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10901233        10901438        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10904317        10904470        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10905717        10905980        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10907412        10907677        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10909633        10909815        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff exon    10911311        10911735        .       +
        .       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10893552        10893714        .       +
        0       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10893752        10893836        .       +
        2       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10893878        10893980        .       +
        1       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10894028        10894175        .       +
        0       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10894226        10894330        .       +
        2       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10896514        10896710        .       +
        2       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10901233        10901438        .       +
        0       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10904317        10904470        .       +
        1       Parent=Smp_345920.1
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SM_V9_6 Liftoff CDS     10905717        10905980        .       +
        0       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10907412        10907677        .       +
        0       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10909633        10909815        .       +
        1       Parent=Smp_345920.1
SM_V9_6 Liftoff CDS     10911311        10911581        .       +
        1       Parent=Smp_345920.1
SM_V9_6 iris    gene    10915935        10919860        .       -
        .
ID=Smp_347060;geneID=Smp_347060;gene_name=Smp_347060;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    10915935        10919860        .       -
        .
ID=Smp_347060.1;Parent=Smp_347060;geneID=Smp_347060;gene_name=Smp_34
7060;owner=irisadmin@local.host;orig_id=Smp_347060.1;date_last_modif
ied=2022-08-29;Name=Smp_347060.1;product=Myosin regulatory light
chain sqh;date_creation=2022-08-29
SM_V9_6 iris    exon    10915935        10916454        .       -
        .       Parent=Smp_347060.1;Name=0963da59-b06e-4755-
b6b4-1af4ddc71d10
SM_V9_6 iris    exon    10918743        10918983        .       -
        .       Parent=Smp_347060.1;Name=3305efd2-dfc0-429a-98cc-
d11cd57eb016
SM_V9_6 iris    exon    10919694        10919860        .       -
        .       Parent=Smp_347060.1;Name=f0d896bf-3977-404d-
a9ae-2ed11248bff8
SM_V9_6 iris    CDS     10916270        10916454        .       -
        2       Parent=Smp_347060.1
SM_V9_6 iris    CDS     10918743        10918983        .       -
        0       Parent=Smp_347060.1
SM_V9_6 iris    CDS     10919694        10919795        .       -
        0       Parent=Smp_347060.1
SM_V9_6 Liftoff gene    10930452        10957620        .       -
        .
ID=Smp_315500;geneID=Smp_315500;previous_systematic_id=Smp_179570
SM_V9_6 Liftoff mRNA    10930452        10957620        .       -
        .
ID=Smp_315500.1;Parent=Smp_315500;geneID=Smp_315500;product=Otopetri
n-2;polypeptide_domain=InterPro:IPR004878 Pfam:PF03189
SM_V9_6 Liftoff exon    10930452        10931019        .       -
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SM_V9_6 Liftoff exon    10931389        10931715        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff exon    10934533        10935003        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff exon    10936176        10936221        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff exon    10943215        10943400        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff exon    10944353        10944510        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff exon    10946637        10946850        .       -
        .       Parent=Smp_315500.1
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SM_V9_6 Liftoff exon    10950288        10950325        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff exon    10955532        10955688        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff exon    10957390        10957620        .       -
        .       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10930673        10931019        .       -
        2       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10931389        10931715        .       -
        2       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10934533        10935003        .       -
        2       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10936176        10936221        .       -
        0       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10943215        10943400        .       -
        0       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10944353        10944510        .       -
        2       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10946637        10946850        .       -
        0       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10950288        10950325        .       -
        2       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10955532        10955688        .       -
        0       Parent=Smp_315500.1
SM_V9_6 Liftoff CDS     10957390        10957521        .       -
        0       Parent=Smp_315500.1
SM_V9_6 Liftoff gene    10962981        10975950        .       -
        .
ID=Smp_315510;geneID=Smp_315510;previous_systematic_id=Smp_179570
SM_V9_6 Liftoff mRNA    10962981        10975950        .       -
        .
ID=Smp_315510.1;Parent=Smp_315510;geneID=Smp_315510;product=Citrate/
succinate antiporter
SM_V9_6 Liftoff exon    10962981        10963161        .       -
        .       Parent=Smp_315510.1
SM_V9_6 Liftoff exon    10964045        10964406        .       -
        .       Parent=Smp_315510.1
SM_V9_6 Liftoff exon    10975926        10975950        .       -
        .       Parent=Smp_315510.1
SM_V9_6 Liftoff CDS     10963116        10963161        .       -
        1       Parent=Smp_315510.1
SM_V9_6 Liftoff CDS     10964045        10964406        .       -
        0       Parent=Smp_315510.1
SM_V9_6 Liftoff CDS     10975926        10975928        .       -
        0       Parent=Smp_315510.1
SM_V9_6 iris    gene    10978851        10996374        .       -
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    10978851        10996374        .       -
        .
ID=Smp_179560.1;Parent=Smp_179560;geneID=Smp_179560;gene_name=Smp_17
9560;owner=irisadmin@local.host;orig_id=Smp_179560.3;date_last_modif
ied=2022-07-18;Name=Smp_179560.1;product=Multiple inositol
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polyphosphate phosphatase 1;date_creation=2022-07-18
SM_V9_6 iris    exon    10978851        10979866        .       -
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e2c852a1ee3b
SM_V9_6 iris    exon    10981623        10981879        .       -
        .       Parent=Smp_179560.1;Name=ab1d8307-6353-434e-
a1c9-0a43e5092f72
SM_V9_6 iris    exon    10983357        10983478        .       -
        .       Parent=Smp_179560.1;Name=97f4305c-6b5e-450b-8d1b-
a147f4b4ef4a
SM_V9_6 iris    exon    10984765        10984898        .       -
        .       Parent=Smp_179560.1;Name=1eef0152-
c4aa-49ac-8d11-33874a38f3ec
SM_V9_6 iris    exon    10986979        10987288        .       -
        .       Parent=Smp_179560.1;Name=1540dd19-97fb-4ef5-bb1e-
def438343d55
SM_V9_6 iris    exon    10989253        10989481        .       -
        .       Parent=Smp_179560.1;Name=998b0ad9-7ee9-4bc1-8981-
f689703ef385
SM_V9_6 iris    exon    10992245        10992536        .       -
        .       Parent=Smp_179560.1;Name=e7bb9c4f-
c945-4af4-9c8b-25f07f9ba7a5
SM_V9_6 iris    exon    10996288        10996374        .       -
        .       Parent=Smp_179560.1;Name=4c89f83f-4a76-4468-
be54-88bccdd5ac1a
SM_V9_6 iris    CDS     10979655        10979866        .       -
        2       Parent=Smp_179560.1
SM_V9_6 iris    CDS     10981623        10981879        .       -
        1       Parent=Smp_179560.1
SM_V9_6 iris    CDS     10983357        10983478        .       -
        0       Parent=Smp_179560.1
SM_V9_6 iris    CDS     10984765        10984898        .       -
        2       Parent=Smp_179560.1
SM_V9_6 iris    CDS     10986979        10987288        .       -
        0       Parent=Smp_179560.1
SM_V9_6 iris    CDS     10989253        10989481        .       -
        1       Parent=Smp_179560.1
SM_V9_6 iris    CDS     10992245        10992510        .       -
        0       Parent=Smp_179560.1
SM_V9_6 iris    gene    10999444        11006841        .       +
        .
ID=Smp_102960;geneID=Smp_102960;gene_name=Smp_102960;owner=irisadmin
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SM_V9_6 iris    mRNA    10999444        11006841        .       +
        .
ID=Smp_102960.1;Parent=Smp_102960;geneID=Smp_102960;gene_name=Smp_10
2960;owner=irisadmin@local.host;orig_id=Smp_102960.1;date_last_modif
ied=2022-07-18;Name=Smp_102960.1;product=Protein
sarah;date_creation=2022-07-18
SM_V9_6 iris    exon    10999444        10999727        .       +
        .       Parent=Smp_102960.1;Name=a14543da-bcca-4993-af2f-
b8667363ddb9
SM_V9_6 iris    exon    10999767        10999844        .       +
        .       Parent=Smp_102960.1;Name=79fb2ab3-065a-42f2-a74d-
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e4c7f408f8fb
SM_V9_6 iris    exon    11004450        11005137        .       +
        .       Parent=Smp_102960.1;Name=48df3699-2933-43bd-9210-
a6fd2eb4430f
SM_V9_6 iris    exon    11005991        11006841        .       +
        .
Parent=Smp_102960.1;Name=a524fe79-5617-48ee-9684-0b45bbb2ce68
SM_V9_6 iris    CDS     10999557        10999727        .       +
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SM_V9_6 iris    CDS     10999767        10999844        .       +
        0       Parent=Smp_102960.1
SM_V9_6 iris    CDS     11004450        11005137        .       +
        0       Parent=Smp_102960.1
SM_V9_6 iris    CDS     11005991        11006133        .       +
        2       Parent=Smp_102960.1
SM_V9_6 Liftoff gene    11026743        11047926        .       -
        .
ID=Smp_334740;geneID=Smp_334740;previous_systematic_id=Smp_167960,Sm
p_199830,Smp_243050
SM_V9_6 Liftoff mRNA    11026743        11047926        .       -
        .
ID=Smp_334740.1;Parent=Smp_334740;geneID=Smp_334740;product=Protein
C21orf2;polypeptide_domain=InterPro:IPR001611,IPR032675;Ontology_ter
m=GO:0005515
SM_V9_6 Liftoff exon    11026743        11027345        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11029324        11029350        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11029418        11029505        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11032519        11032640        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11035646        11035698        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11036276        11036506        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11040693        11040797        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11040848        11041011        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11041062        11041127        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff exon    11041168        11047926        .       -
        .       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11027112        11027345        .       -
        0       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11029324        11029350        .       -
        0       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11029418        11029505        .       -
        1       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11032519        11032640        .       -
        0       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11035646        11035698        .       -
        2       Parent=Smp_334740.1
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SM_V9_6 Liftoff CDS     11036276        11036506        .       -
        2       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11040693        11040797        .       -
        2       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11040848        11041011        .       -
        1       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11041062        11041127        .       -
        1       Parent=Smp_334740.1
SM_V9_6 Liftoff CDS     11041168        11041301        .       -
        0       Parent=Smp_334740.1
SM_V9_6 Liftoff mRNA    11026743        11047926        .       -
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ID=Smp_334740.2;Parent=Smp_334740;geneID=Smp_334740;product=Protein
C21orf2;polypeptide_domain=InterPro:IPR001611,IPR032675;Ontology_ter
m=GO:0005515
SM_V9_6 Liftoff exon    11026743        11027345        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff exon    11029418        11029505        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff exon    11032519        11032640        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff exon    11035646        11035698        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff exon    11036276        11036506        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff exon    11040693        11040797        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff exon    11040848        11041011        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff exon    11041062        11041127        .       -
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SM_V9_6 Liftoff exon    11041168        11047926        .       -
        .       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11027112        11027345        .       -
        0       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11029418        11029505        .       -
        1       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11032519        11032640        .       -
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SM_V9_6 Liftoff CDS     11035646        11035698        .       -
        2       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11036276        11036506        .       -
        2       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11040693        11040797        .       -
        2       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11040848        11041011        .       -
        1       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11041062        11041127        .       -
        1       Parent=Smp_334740.2
SM_V9_6 Liftoff CDS     11041168        11041301        .       -
        0       Parent=Smp_334740.2
SM_V9_6 iris    gene    11052795        11062275        .       -
        .
ID=Smp_243060;geneID=Smp_243060;gene_name=Smp_243060;owner=irisadmin
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11052795        11062275        .       -
        .
ID=Smp_243060.1;Parent=Smp_243060;geneID=Smp_243060;gene_name=Smp_24
3060;owner=irisadmin@local.host;orig_id=Smp_243060.1;date_last_modif
ied=2022-07-18;Name=Smp_243060.1;product=F420-dependent
methylenetetrahydromethanopterin
dehydrogenase;date_creation=2022-07-18
SM_V9_6 iris    exon    11052795        11052925        .       -
        .       Parent=Smp_243060.1;Name=0cbe514d-830a-405b-81ab-
e49f642b899a
SM_V9_6 iris    exon    11055528        11056032        .       -
        .       Parent=Smp_243060.1;Name=0d94fc59-96c4-435a-8f89-
cf389d9fa465
SM_V9_6 iris    exon    11057951        11058176        .       -
        .       Parent=Smp_243060.1;Name=934e961c-b8f7-4f10-
afae-05805e472b57
SM_V9_6 iris    exon    11060051        11060273        .       -
        .       Parent=Smp_243060.1;Name=77834f06-5a48-4c87-81ad-
c0fed0ff26cd
SM_V9_6 iris    exon    11062042        11062275        .       -
        .       Parent=Smp_243060.1;Name=d9c06ef3-
af9f-4bf2-9c9b-0c30abab3a44
SM_V9_6 iris    CDS     11052900        11052925        .       -
        2       Parent=Smp_243060.1
SM_V9_6 iris    CDS     11055528        11056032        .       -
        0       Parent=Smp_243060.1
SM_V9_6 iris    CDS     11057951        11058176        .       -
        1       Parent=Smp_243060.1
SM_V9_6 iris    CDS     11060051        11060273        .       -
        2       Parent=Smp_243060.1
SM_V9_6 iris    CDS     11062042        11062168        .       -
        0       Parent=Smp_243060.1
SM_V9_6 Liftoff gene    11069675        11082330        .       -
        .       ID=Smp_331540;geneID=Smp_331540
SM_V9_6 Liftoff mRNA    11069675        11082330        .       -
        .
ID=Smp_331540.1;Parent=Smp_331540;geneID=Smp_331540;product=Voltage-
dependent calcium channel gamma-5
subunit;polypeptide_domain=InterPro:IPR004031
Pfam:PF13903;Ontology_term=GO:0016021
SM_V9_6 Liftoff exon    11069675        11070025        .       -
        .       Parent=Smp_331540.1
SM_V9_6 Liftoff exon    11071990        11072093        .       -
        .       Parent=Smp_331540.1
SM_V9_6 Liftoff exon    11076222        11076392        .       -
        .       Parent=Smp_331540.1
SM_V9_6 Liftoff exon    11078496        11078582        .       -
        .       Parent=Smp_331540.1
SM_V9_6 Liftoff exon    11080745        11082330        .       -
        .       Parent=Smp_331540.1
SM_V9_6 Liftoff CDS     11069879        11070025        .       -
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SM_V9_6 Liftoff CDS     11071990        11072093        .       -
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        2       Parent=Smp_331540.1
SM_V9_6 Liftoff CDS     11076222        11076392        .       -
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SM_V9_6 Liftoff CDS     11078496        11078582        .       -
        2       Parent=Smp_331540.1
SM_V9_6 Liftoff CDS     11080745        11080946        .       -
        0       Parent=Smp_331540.1
SM_V9_6 Liftoff gene    11096535        11105480        .       -
        .
ID=Smp_343490;geneID=Smp_343490;previous_systematic_id=Smp_142020
SM_V9_6 Liftoff mRNA    11096535        11105480        .       -
        .
ID=Smp_343490.1;Parent=Smp_343490;geneID=Smp_343490;product=Voltage-
dependent calcium channel gamma-1
subunit;polypeptide_domain=InterPro:IPR004031
Pfam:PF13903;Ontology_term=GO:0016021
SM_V9_6 Liftoff exon    11096535        11096877        .       -
        .       Parent=Smp_343490.1
SM_V9_6 Liftoff exon    11097918        11098021        .       -
        .       Parent=Smp_343490.1
SM_V9_6 Liftoff exon    11100907        11101077        .       -
        .       Parent=Smp_343490.1
SM_V9_6 Liftoff exon    11103467        11103553        .       -
        .       Parent=Smp_343490.1
SM_V9_6 Liftoff exon    11105236        11105480        .       -
        .       Parent=Smp_343490.1
SM_V9_6 Liftoff CDS     11096677        11096877        .       -
        0       Parent=Smp_343490.1
SM_V9_6 Liftoff CDS     11097918        11098021        .       -
        2       Parent=Smp_343490.1
SM_V9_6 Liftoff CDS     11100907        11101077        .       -
        2       Parent=Smp_343490.1
SM_V9_6 Liftoff CDS     11103467        11103553        .       -
        2       Parent=Smp_343490.1
SM_V9_6 Liftoff CDS     11105236        11105437        .       -
        0       Parent=Smp_343490.1
SM_V9_6 iris    gene    11109881        11130860        .       -
        .
ID=Smp_142010;geneID=Smp_142010;gene_name=Smp_142010;owner=irisadmin
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SM_V9_6 iris    mRNA    11109881        11130860        .       -
        .
ID=Smp_142010.1;Parent=Smp_142010;geneID=Smp_142010;gene_name=Smp_14
2010;owner=irisadmin@local.host;orig_id=Smp_142010.1;date_last_modif
ied=2022-07-18;Name=Smp_142010.1;product=Methionine aminopeptidase
1;date_creation=2022-07-18
SM_V9_6 iris    exon    11109881        11110436        .       -
        .       Parent=Smp_142010.1;Name=ff8de55c-
a294-4063-80d0-2272d111cb79
SM_V9_6 iris    exon    11112714        11112857        .       -
        .       Parent=Smp_142010.1;Name=32cd70ff-497e-4a31-
a330-2e03fac98d32
SM_V9_6 iris    exon    11113916        11114047        .       -
        .       Parent=Smp_142010.1;Name=b69715d0-c0c0-439c-9bd9-
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ccfbbc7e3813
SM_V9_6 iris    exon    11125070        11125140        .       -
        .       Parent=Smp_142010.1;Name=63866185-cb6a-4132-
b6b9-222f8103356a
SM_V9_6 iris    exon    11126122        11126189        .       -
        .
Parent=Smp_142010.1;Name=81df46f1-5cfb-40be-868a-93321b6b1e86
SM_V9_6 iris    exon    11129009        11129092        .       -
        .       Parent=Smp_142010.1;Name=f78d1383-d7c5-4ddc-bff7-
ef3bd9a39daf
SM_V9_6 iris    exon    11130277        11130368        .       -
        .       Parent=Smp_142010.1;Name=2d2f6c73-654d-4330-bf64-
bdb27725da73
SM_V9_6 iris    exon    11130411        11130465        .       -
        .       Parent=Smp_142010.1;Name=ef92e163-080f-47e8-
bf0c-21c37f21276f
SM_V9_6 iris    exon    11130501        11130568        .       -
        .       Parent=Smp_142010.1;Name=1eaa17e1-0449-482c-b281-
ad7262a88abd
SM_V9_6 iris    exon    11130606        11130660        .       -
        .       Parent=Smp_142010.1;Name=b100d615-839a-4cdb-ad4c-
b74dbc195a7b
SM_V9_6 iris    exon    11130705        11130860        .       -
        .
Parent=Smp_142010.1;Name=e31c4689-9084-480b-9ddd-7adf394c512b
SM_V9_6 iris    CDS     11110066        11110436        .       -
        2       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11112714        11112857        .       -
        2       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11113916        11114047        .       -
        2       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11125070        11125140        .       -
        1       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11126122        11126189        .       -
        0       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11129009        11129092        .       -
        0       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11130277        11130368        .       -
        2       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11130411        11130465        .       -
        0       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11130501        11130568        .       -
        2       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11130606        11130660        .       -
        0       Parent=Smp_142010.1
SM_V9_6 iris    CDS     11130705        11130806        .       -
        0       Parent=Smp_142010.1
SM_V9_6 iris    gene    11150138        11185030        .       -
        .
ID=Smp_078550;geneID=Smp_078550;gene_name=Smp_078550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11150138        11185030        .       -
        .
ID=Smp_078550.1;Parent=Smp_078550;geneID=Smp_078550;gene_name=Smp_07
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8550;owner=irisadmin@local.host;orig_id=Smp_078550.1;date_last_modif
ied=2022-07-18;Name=Smp_078550.1;product=Gastrula zinc finger
protein XlCGF49.1 (Fragment);date_creation=2022-07-18
SM_V9_6 iris    exon    11150138        11153296        .       -
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d749-48dc-9620-09b7a60d16cf
SM_V9_6 iris    exon    11155340        11156082        .       -
        .       Parent=Smp_078550.1;Name=a42ac508-
b14e-4ef0-9dc9-9cc325cf4ecf
SM_V9_6 iris    exon    11160498        11160670        .       -
        .       Parent=Smp_078550.1;Name=60977099-53c5-454b-bf81-
a8c11f26a7eb
SM_V9_6 iris    exon    11166122        11166498        .       -
        .       Parent=Smp_078550.1;Name=46da4e9e-8677-46d6-8226-
b2974f27fbe7
SM_V9_6 iris    exon    11171564        11173708        .       -
        .       Parent=Smp_078550.1;Name=a5a350b0-
c6bd-4594-9cc9-4cedb2613ed8
SM_V9_6 iris    exon    11184773        11185030        .       -
        .       Parent=Smp_078550.1;Name=66957930-bf88-4014-
a53a-74cab846c7c0
SM_V9_6 iris    CDS     11152010        11153296        .       -
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SM_V9_6 iris    CDS     11155340        11156082        .       -
        2       Parent=Smp_078550.1
SM_V9_6 iris    CDS     11160498        11160670        .       -
        1       Parent=Smp_078550.1
SM_V9_6 iris    CDS     11166122        11166498        .       -
        0       Parent=Smp_078550.1
SM_V9_6 iris    CDS     11171564        11173708        .       -
        0       Parent=Smp_078550.1
SM_V9_6 iris    CDS     11184773        11184790        .       -
        0       Parent=Smp_078550.1
SM_V9_6 iris    gene    11200271        11232062        .       +
        .
ID=Smp_078560;geneID=Smp_078560;gene_name=Smp_078560;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11200271        11232062        .       +
        .
ID=Smp_078560.1;Parent=Smp_078560;geneID=Smp_078560;gene_name=Smp_07
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ied=2022-08-29;Name=Smp_078560.1;product=Zinc finger protein
271;date_creation=2022-07-18
SM_V9_6 iris    exon    11200271        11200441        .       +
        .       Parent=Smp_078560.1;Name=5f0d7edf-6d8c-422a-8244-
f663a4ccf61c
SM_V9_6 iris    exon    11201386        11201565        .       +
        .       Parent=Smp_078560.1;Name=8b4b8419-d007-4965-b09a-
cdf8cf3d46e5
SM_V9_6 iris    exon    11203026        11203130        .       +
        .       Parent=Smp_078560.1;Name=6fb1713e-5f68-4f1c-bd59-
cef536f11501
SM_V9_6 iris    exon    11204001        11204108        .       +
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ebf55313ef65
SM_V9_6 iris    exon    11204484        11204567        .       +
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a140-5eac09c5e3b0
SM_V9_6 iris    exon    11205972        11206055        .       +
        .
Parent=Smp_078560.1;Name=8dc963da-60c6-498b-9ba3-8c4ba462fe19
SM_V9_6 iris    exon    11206291        11206374        .       +
        .       Parent=Smp_078560.1;Name=c99ad2d0-3919-41f3-b6cb-
a8d461514249
SM_V9_6 iris    exon    11218252        11218335        .       +
        .       Parent=Smp_078560.1;Name=5ddb1eec-60fd-408b-91a5-
cb7e8bb75bf3
SM_V9_6 iris    exon    11219451        11219534        .       +
        .       Parent=Smp_078560.1;Name=e0692a26-4b2e-4c90-b3be-
e491bf148eee
SM_V9_6 iris    exon    11220178        11220261        .       +
        .       Parent=Smp_078560.1;Name=60d244e6-ccc8-4b18-8728-
b7b399491092
SM_V9_6 iris    exon    11222513        11222596        .       +
        .       Parent=Smp_078560.1;Name=44840d79-1786-4a11-
ac5c-72301450d76e
SM_V9_6 iris    exon    11223589        11223672        .       +
        .       Parent=Smp_078560.1;Name=40a56da6-2f09-4994-
a9fe-18488251dd67
SM_V9_6 iris    exon    11224373        11224456        .       +
        .       Parent=Smp_078560.1;Name=d15b369e-e44c-4242-
b5c3-23fd7eee40c9
SM_V9_6 iris    exon    11225158        11225241        .       +
        .       Parent=Smp_078560.1;Name=550e021e-47e4-4f2e-
b1ca-8a8c3df2134c
SM_V9_6 iris    exon    11225693        11225776        .       +
        .       Parent=Smp_078560.1;Name=c06a3106-
f6ff-49b0-9106-6f7fba5d9e9b
SM_V9_6 iris    exon    11227485        11227568        .       +
        .       Parent=Smp_078560.1;Name=30ca1135-
aab7-41d8-81aa-45d868c7dd97
SM_V9_6 iris    exon    11229427        11229510        .       +
        .
Parent=Smp_078560.1;Name=17c0702c-4754-4a2b-9958-6844fb3299a6
SM_V9_6 iris    exon    11230385        11230526        .       +
        .       Parent=Smp_078560.1;Name=045cb9c0-4f97-4494-bfc0-
f3879c0cbe30
SM_V9_6 iris    exon    11231665        11232062        .       +
        .       Parent=Smp_078560.1;Name=d923eb22-ee45-43f1-
bfe3-20fa80b49046
SM_V9_6 iris    CDS     11201424        11201565        .       +
        0       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11203026        11203130        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11204001        11204108        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11204484        11204567        .       +
        2       Parent=Smp_078560.1
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SM_V9_6 iris    CDS     11205972        11206055        .       +
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SM_V9_6 iris    CDS     11206291        11206374        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11218252        11218335        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11219451        11219534        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11220178        11220261        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11222513        11222596        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11223589        11223672        .       +
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SM_V9_6 iris    CDS     11224373        11224456        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11225158        11225241        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11225693        11225776        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11227485        11227568        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11229427        11229510        .       +
        2       Parent=Smp_078560.1
SM_V9_6 iris    CDS     11230385        11230398        .       +
        2       Parent=Smp_078560.1
SM_V9_6 Liftoff gene    11237832        11272738        .       +
        .       ID=Smp_078570;geneID=Smp_078570
SM_V9_6 Liftoff mRNA    11237832        11246446        .       +
        .
ID=Smp_078570.2;Parent=Smp_078570;geneID=Smp_078570;product=Zinc
finger protein
559;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    11237832        11239830        .       +
        .       Parent=Smp_078570.2
SM_V9_6 Liftoff exon    11241050        11241148        .       +
        .       Parent=Smp_078570.2
SM_V9_6 Liftoff exon    11241734        11241787        .       +
        .       Parent=Smp_078570.2
SM_V9_6 Liftoff exon    11242828        11242914        .       +
        .       Parent=Smp_078570.2
SM_V9_6 Liftoff exon    11243780        11243863        .       +
        .       Parent=Smp_078570.2
SM_V9_6 Liftoff exon    11244986        11246446        .       +
        .       Parent=Smp_078570.2
SM_V9_6 Liftoff CDS     11239689        11239830        .       +
        0       Parent=Smp_078570.2
SM_V9_6 Liftoff CDS     11241050        11241148        .       +
        2       Parent=Smp_078570.2
SM_V9_6 Liftoff CDS     11241734        11241787        .       +
        2       Parent=Smp_078570.2
SM_V9_6 Liftoff CDS     11242828        11242914        .       +
        2       Parent=Smp_078570.2
SM_V9_6 Liftoff CDS     11243780        11243863        .       +
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        2       Parent=Smp_078570.2
SM_V9_6 Liftoff CDS     11244986        11245086        .       +
        2       Parent=Smp_078570.2
SM_V9_6 Liftoff mRNA    11237840        11272738        .       +
        .
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zinc finger protein XlCGF57.1
(Fragment);polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    11237840        11239830        .       +
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SM_V9_6 Liftoff exon    11241050        11241148        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11241734        11241787        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11243780        11243863        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11244986        11245069        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11252261        11252344        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11253705        11253788        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11262539        11262622        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11263812        11263895        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11265315        11265398        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11266756        11266839        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11267505        11267588        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff exon    11271113        11272738        .       +
        .       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11239689        11239830        .       +
        0       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11241050        11241148        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11241734        11241787        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11243780        11243863        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11244986        11245069        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11252261        11252344        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11253705        11253788        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11262539        11262622        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11263812        11263895        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11265315        11265398        .       +
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SM_V9_6 Liftoff CDS     11266756        11266839        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11267505        11267588        .       +
        2       Parent=Smp_078570.1
SM_V9_6 Liftoff CDS     11271113        11271135        .       +
        2       Parent=Smp_078570.1
SM_V9_6 iris    gene    11276886        11282451        .       -
        .
ID=Smp_347900;geneID=Smp_347900;gene_name=Smp_347900;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    11276886        11282451        .       -
        .
ID=Smp_347900.1;Parent=Smp_347900;geneID=Smp_347900;gene_name=Smp_34
7900;owner=irisadmin@local.host;orig_id=Smp_347900.1;date_last_modif
ied=2022-08-18;Name=Smp_347900.1;product=Xylulose
kinase;date_creation=2022-08-18
SM_V9_6 iris    exon    11276886        11277258        .       -
        .
Parent=Smp_347900.1;Name=f7614779-4e74-4cf5-8fdb-46552383d5ba
SM_V9_6 iris    exon    11278620        11278640        .       -
        .       Parent=Smp_347900.1;Name=67f2f08c-4f59-427e-aad1-
e8070067a519
SM_V9_6 iris    exon    11279530        11279545        .       -
        .       Parent=Smp_347900.1;Name=767b69e4-7dce-4902-9aa4-
cde628bb7e3b
SM_V9_6 iris    exon    11280804        11280812        .       -
        .       Parent=Smp_347900.1;Name=fa29757b-0cb6-4d3f-8100-
a64ee8133fa3
SM_V9_6 iris    exon    11282363        11282451        .       -
        .       Parent=Smp_347900.1;Name=105d6877-79a3-45f3-
bfb1-405d19cedcfa
SM_V9_6 iris    CDS     11277165        11277258        .       -
        1       Parent=Smp_347900.1
SM_V9_6 iris    CDS     11278620        11278640        .       -
        1       Parent=Smp_347900.1
SM_V9_6 iris    CDS     11279530        11279545        .       -
        2       Parent=Smp_347900.1
SM_V9_6 iris    CDS     11280804        11280812        .       -
        2       Parent=Smp_347900.1
SM_V9_6 iris    CDS     11282363        11282417        .       -
        0       Parent=Smp_347900.1
SM_V9_6 Liftoff gene    11304081        11319407        .       +
        .       ID=Smp_078590;geneID=Smp_078590
SM_V9_6 Liftoff mRNA    11304081        11319407        .       +
        .
ID=Smp_078590.1;Parent=Smp_078590;geneID=Smp_078590;product=Uncharac
terized protein MJ0811
SM_V9_6 Liftoff exon    11304081        11312740        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff exon    11313521        11313568        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff exon    11313621        11313677        .       +
        .       Parent=Smp_078590.1
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SM_V9_6 Liftoff exon    11314778        11314816        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff exon    11315109        11315165        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff exon    11317181        11317240        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff exon    11318115        11318183        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff exon    11318871        11318926        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff exon    11319254        11319407        .       +
        .       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11312701        11312740        .       +
        0       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11313521        11313568        .       +
        2       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11313621        11313677        .       +
        2       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11314778        11314816        .       +
        2       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11315109        11315165        .       +
        2       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11317181        11317240        .       +
        2       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11318115        11318183        .       +
        2       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11318871        11318926        .       +
        2       Parent=Smp_078590.1
SM_V9_6 Liftoff CDS     11319254        11319271        .       +
        0       Parent=Smp_078590.1
SM_V9_6 Liftoff gene    11340964        11352558        .       -
        .
ID=Smp_341570;geneID=Smp_341570;previous_systematic_id=Smp_093370
SM_V9_6 Liftoff mRNA    11340964        11352558        .       -
        .
ID=Smp_341570.1;Parent=Smp_341570;geneID=Smp_341570;product=UPF0183
protein C16orf70 homolog;polypeptide_domain=InterPro:IPR005373
Pfam:PF03676
SM_V9_6 Liftoff exon    11340964        11341274        .       -
        .       Parent=Smp_341570.1
SM_V9_6 Liftoff exon    11342322        11342453        .       -
        .       Parent=Smp_341570.1
SM_V9_6 Liftoff exon    11344599        11344728        .       -
        .       Parent=Smp_341570.1
SM_V9_6 Liftoff exon    11345561        11345784        .       -
        .       Parent=Smp_341570.1
SM_V9_6 Liftoff exon    11347765        11347841        .       -
        .       Parent=Smp_341570.1
SM_V9_6 Liftoff exon    11348619        11348734        .       -
        .       Parent=Smp_341570.1
SM_V9_6 Liftoff exon    11350392        11350551        .       -
        .       Parent=Smp_341570.1
SM_V9_6 Liftoff exon    11352035        11352558        .       -
        .       Parent=Smp_341570.1
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SM_V9_6 Liftoff CDS     11341206        11341274        .       -
        0       Parent=Smp_341570.1
SM_V9_6 Liftoff CDS     11342322        11342453        .       -
        0       Parent=Smp_341570.1
SM_V9_6 Liftoff CDS     11344599        11344728        .       -
        1       Parent=Smp_341570.1
SM_V9_6 Liftoff CDS     11345561        11345784        .       -
        0       Parent=Smp_341570.1
SM_V9_6 Liftoff CDS     11347765        11347841        .       -
        2       Parent=Smp_341570.1
SM_V9_6 Liftoff CDS     11348619        11348734        .       -
        1       Parent=Smp_341570.1
SM_V9_6 Liftoff CDS     11350392        11350551        .       -
        2       Parent=Smp_341570.1
SM_V9_6 Liftoff CDS     11352035        11352077        .       -
        0       Parent=Smp_341570.1
SM_V9_6 Liftoff gene    11352632        11369286        .       +
        .       ID=Smp_173320;geneID=Smp_173320
SM_V9_6 Liftoff mRNA    11352632        11369286        .       +
        .
ID=Smp_173320.1;Parent=Smp_173320;geneID=Smp_173320;product=Tubulin-
-tyrosine ligase-like protein
12;polypeptide_domain=InterPro:IPR004344,IPR013815
Pfam:PF03133;Ontology_term=GO:0003824,GO:0005524,GO:0006464
SM_V9_6 Liftoff exon    11352632        11355453        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11355504        11355668        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11356571        11356704        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11357610        11357690        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11359360        11359496        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11360432        11360616        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11361897        11362137        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11362685        11362834        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11364162        11364316        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11365933        11366014        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11367283        11367351        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff exon    11368854        11369286        .       +
        .       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11355326        11355453        .       +
        0       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11355504        11355668        .       +
        1       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11356571        11356704        .       +
        1       Parent=Smp_173320.1
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SM_V9_6 Liftoff CDS     11357610        11357690        .       +
        2       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11359360        11359496        .       +
        2       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11360432        11360616        .       +
        0       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11361897        11362137        .       +
        1       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11362685        11362834        .       +
        0       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11364162        11364316        .       +
        0       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11365933        11366014        .       +
        1       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11367283        11367351        .       +
        0       Parent=Smp_173320.1
SM_V9_6 Liftoff CDS     11368854        11369156        .       +
        0       Parent=Smp_173320.1
SM_V9_6 Liftoff mRNA    11352652        11369286        .       +
        .
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-tyrosine ligase-like protein
12;polypeptide_domain=InterPro:IPR004344,IPR013815
Pfam:PF03133;Ontology_term=GO:0003824,GO:0005524,GO:0006464
SM_V9_6 Liftoff exon    11352652        11355255        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11355299        11355453        .       +
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SM_V9_6 Liftoff exon    11355504        11355668        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11356571        11356704        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11357610        11357690        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11359360        11359496        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11360432        11360616        .       +
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SM_V9_6 Liftoff exon    11361897        11362137        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11362685        11362834        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11364162        11364316        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11365933        11366014        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11367283        11367351        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff exon    11368854        11369286        .       +
        .       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11355130        11355255        .       +
        0       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11355299        11355453        .       +
        0       Parent=Smp_173320.2
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SM_V9_6 Liftoff CDS     11355504        11355668        .       +
        1       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11356571        11356704        .       +
        1       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11357610        11357690        .       +
        2       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11359360        11359496        .       +
        2       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11360432        11360616        .       +
        0       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11361897        11362137        .       +
        1       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11362685        11362834        .       +
        0       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11364162        11364316        .       +
        0       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11365933        11366014        .       +
        1       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11367283        11367351        .       +
        0       Parent=Smp_173320.2
SM_V9_6 Liftoff CDS     11368854        11369156        .       +
        0       Parent=Smp_173320.2
SM_V9_6 iris    gene    11372250        11394758        .       -
        .
ID=Smp_173330;geneID=Smp_173330;gene_name=Smp_173330;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11372250        11394758        .       -
        .
ID=Smp_173330.1;Parent=Smp_173330;geneID=Smp_173330;gene_name=Smp_17
3330;owner=irisadmin@local.host;orig_id=Smp_173330.1;date_last_modif
ied=2022-07-18;Name=Smp_173330.1;product=Vacuolar protein sorting-
associated protein 35;date_creation=2022-07-18
SM_V9_6 iris    exon    11372250        11373234        .       -
        .       Parent=Smp_173330.1;Name=f4ca9344-de37-483a-a76c-
cf539f9decdd
SM_V9_6 iris    exon    11375028        11375171        .       -
        .       Parent=Smp_173330.1;Name=88a00ab5-ad9a-4874-8fa1-
f4ffbd80e0f1
SM_V9_6 iris    exon    11376823        11377161        .       -
        .       Parent=Smp_173330.1;Name=d5fd478d-ed8b-45c9-9b96-
e406cd906a4d
SM_V9_6 iris    exon    11378515        11378536        .       -
        .       Parent=Smp_173330.1;Name=c68b4d2a-ef1c-4798-b310-
c59899313285
SM_V9_6 iris    exon    11378539        11378735        .       -
        .
Parent=Smp_173330.1;Name=4a9ab701-988f-40c5-8fd0-9c63b4a817a8
SM_V9_6 iris    exon    11380955        11381546        .       -
        .       Parent=Smp_173330.1;Name=5bd0eef5-
bbd4-4a35-949f-13df82f5d2fc
SM_V9_6 iris    exon    11383155        11383790        .       -
        .       Parent=Smp_173330.1;Name=faf9e415-a82f-44dc-
b843-839269f83863
SM_V9_6 iris    exon    11385287        11385396        .       -
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        .       Parent=Smp_173330.1;Name=7cf93d57-6652-4760-
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SM_V9_6 iris    exon    11387699        11387782        .       -
        .       Parent=Smp_173330.1;Name=35408ddf-
a83a-4529-81ec-4d4dc7305870
SM_V9_6 iris    exon    11389595        11389960        .       -
        .       Parent=Smp_173330.1;Name=8304eb05-3c1d-4370-
aaaf-3c04cb3b2db0
SM_V9_6 iris    exon    11392716        11392890        .       -
        .       Parent=Smp_173330.1;Name=deb2f6ad-3802-4d29-
a98b-337c0c0a4ee5
SM_V9_6 iris    exon    11394333        11394456        .       -
        .
Parent=Smp_173330.1;Name=816e9511-0cde-4c55-92e4-645f8899beef
SM_V9_6 iris    exon    11394496        11394592        .       -
        .       Parent=Smp_173330.1;Name=b42f5e0e-34ff-4ea0-9e94-
f9ac53011e5c
SM_V9_6 iris    exon    11394625        11394758        .       -
        .       Parent=Smp_173330.1;Name=cd5f673e-b7e6-4dd9-b0fd-
b2c2fbb66dc3
SM_V9_6 iris    CDS     11372998        11373234        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11375028        11375171        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11376823        11377161        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11378515        11378536        .       -
        1       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11378539        11378735        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11380955        11381546        .       -
        1       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11383155        11383790        .       -
        1       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11385287        11385396        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11387699        11387782        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11389595        11389960        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11392716        11392890        .       -
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SM_V9_6 iris    CDS     11394333        11394456        .       -
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SM_V9_6 iris    CDS     11394496        11394592        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    CDS     11394625        11394711        .       -
        0       Parent=Smp_173330.1
SM_V9_6 iris    gene    11401358        11430182        .       -
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11401358        11430182        .       -
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ied=2022-07-18;Name=Smp_173340.1;product=Cerebellar degeneration-
related protein 2;date_creation=2022-07-18
SM_V9_6 iris    exon    11401358        11402555        .       -
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c5e733ba89a8
SM_V9_6 iris    exon    11403774        11403904        .       -
        .       Parent=Smp_173340.1;Name=b1d7c601-d1f2-4c3d-
b6aa-0838cce70940
SM_V9_6 iris    exon    11407005        11407936        .       -
        .       Parent=Smp_173340.1;Name=55b32c7d-
cb39-400e-8d26-44ec619886ff
SM_V9_6 iris    exon    11411331        11411479        .       -
        .       Parent=Smp_173340.1;Name=f3db0f90-65e3-4541-8fcf-
aefaf9a565a2
SM_V9_6 iris    exon    11423425        11423537        .       -
        .       Parent=Smp_173340.1;Name=fc0359fd-
d453-45ad-9627-86ae707fcdd3
SM_V9_6 iris    exon    11426323        11426599        .       -
        .       Parent=Smp_173340.1;Name=e335b17e-859b-4c5e-
bfe3-38c14bc79893
SM_V9_6 iris    exon    11430030        11430182        .       -
        .       Parent=Smp_173340.1;Name=213b2ab6-881a-40b7-aecb-
a4c227a5a57e
SM_V9_6 iris    CDS     11402184        11402555        .       -
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SM_V9_6 iris    CDS     11403774        11403904        .       -
        2       Parent=Smp_173340.1
SM_V9_6 iris    CDS     11407005        11407936        .       -
        1       Parent=Smp_173340.1
SM_V9_6 iris    CDS     11411331        11411479        .       -
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SM_V9_6 iris    CDS     11423425        11423537        .       -
        2       Parent=Smp_173340.1
SM_V9_6 iris    CDS     11426323        11426425        .       -
        0       Parent=Smp_173340.1
SM_V9_6 iris    gene    11440352        11443564        .       +
        .
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@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    11440352        11443564        .       +
        .
ID=Smp_052760.1;Parent=Smp_052760;geneID=Smp_052760;gene_name=Smp_05
2760;owner=irisadmin@local.host;orig_id=Smp_052760.1;date_last_modif
ied=2022-08-18;Name=Smp_052760.1;product=General transcription
factor IIH subunit 5;date_creation=2022-08-18
SM_V9_6 iris    exon    11440352        11440424        .       +
        .       Parent=Smp_052760.1;Name=f985353b-58da-4cf4-
a75d-3d44c2e9b160
SM_V9_6 iris    exon    11443035        11443110        .       +
        .       Parent=Smp_052760.1;Name=1d781200-4185-4682-a6e7-
b743abd8f3a7
SM_V9_6 iris    exon    11443159        11443564        .       +
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        .       Parent=Smp_052760.1;Name=0969a2bd-1951-4a3d-814c-
c2963bbeb8b7
SM_V9_6 iris    CDS     11443076        11443110        .       +
        0       Parent=Smp_052760.1
SM_V9_6 iris    CDS     11443159        11443345        .       +
        1       Parent=Smp_052760.1
SM_V9_6 iris    gene    11445290        11453958        .       +
        .
ID=Smp_052750;geneID=Smp_052750;gene_name=Smp_052750;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    11445290        11453958        .       +
        .
ID=Smp_052750.1;Parent=Smp_052750;geneID=Smp_052750;gene_name=Smp_05
2750;owner=irisadmin@local.host;orig_id=Smp_052750.1;date_last_modif
ied=2022-08-18;Name=Smp_052750.1;product=Pre-mRNA-splicing regulator
female-lethal(2)D;date_creation=2022-08-18
SM_V9_6 iris    exon    11445290        11445378        .       +
        .       Parent=Smp_052750.1;Name=da3f186e-
bc7c-4187-94af-3407a84e1a05
SM_V9_6 iris    exon    11445432        11445508        .       +
        .       Parent=Smp_052750.1;Name=0a1262d5-c2bf-4636-
bce7-00093d5ea5d6
SM_V9_6 iris    exon    11445560        11445666        .       +
        .       Parent=Smp_052750.1;Name=d5df2ec7-d7b1-49c0-b695-
c2043eea31da
SM_V9_6 iris    exon    11446778        11447001        .       +
        .
Parent=Smp_052750.1;Name=e86c6680-025a-44fb-94ad-2856e45ec1a4
SM_V9_6 iris    exon    11450638        11450792        .       +
        .       Parent=Smp_052750.1;Name=0f926ef7-
fc52-4596-89f7-7ecca7d0d422
SM_V9_6 iris    exon    11452121        11452233        .       +
        .       Parent=Smp_052750.1;Name=da457343-43bf-465a-9cb8-
d3b9ecba0b85
SM_V9_6 iris    exon    11453385        11453958        .       +
        .
Parent=Smp_052750.1;Name=c6d48ed0-80aa-4849-8c5b-42640735f6d8
SM_V9_6 iris    CDS     11445299        11445378        .       +
        0       Parent=Smp_052750.1
SM_V9_6 iris    CDS     11445432        11445508        .       +
        1       Parent=Smp_052750.1
SM_V9_6 iris    CDS     11445560        11445666        .       +
        2       Parent=Smp_052750.1
SM_V9_6 iris    CDS     11446778        11447001        .       +
        0       Parent=Smp_052750.1
SM_V9_6 iris    CDS     11450638        11450792        .       +
        1       Parent=Smp_052750.1
SM_V9_6 iris    CDS     11452121        11452233        .       +
        2       Parent=Smp_052750.1
SM_V9_6 iris    CDS     11453385        11453606        .       +
        0       Parent=Smp_052750.1
SM_V9_6 Liftoff gene    11456870        11464228        .       -
        .       ID=Smp_052740;geneID=Smp_052740
SM_V9_6 Liftoff mRNA    11456870        11464228        .       -
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ID=Smp_052740.1;Parent=Smp_052740;geneID=Smp_052740;product=Gamma-
soluble NSF attachment protein;polypeptide_domain=InterPro:IPR011990
Pfam:PF14938;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    11456870        11457451        .       -
        .       Parent=Smp_052740.1
SM_V9_6 Liftoff exon    11459777        11459906        .       -
        .       Parent=Smp_052740.1
SM_V9_6 Liftoff exon    11460738        11461015        .       -
        .       Parent=Smp_052740.1
SM_V9_6 Liftoff exon    11461181        11461247        .       -
        .       Parent=Smp_052740.1
SM_V9_6 Liftoff exon    11461283        11461470        .       -
        .       Parent=Smp_052740.1
SM_V9_6 Liftoff exon    11461505        11461628        .       -
        .       Parent=Smp_052740.1
SM_V9_6 Liftoff exon    11461664        11464228        .       -
        .       Parent=Smp_052740.1
SM_V9_6 Liftoff CDS     11457224        11457451        .       -
        0       Parent=Smp_052740.1
SM_V9_6 Liftoff CDS     11459777        11459906        .       -
        1       Parent=Smp_052740.1
SM_V9_6 Liftoff CDS     11460738        11461015        .       -
        0       Parent=Smp_052740.1
SM_V9_6 Liftoff CDS     11461181        11461247        .       -
        1       Parent=Smp_052740.1
SM_V9_6 Liftoff CDS     11461283        11461470        .       -
        0       Parent=Smp_052740.1
SM_V9_6 Liftoff CDS     11461505        11461628        .       -
        1       Parent=Smp_052740.1
SM_V9_6 Liftoff CDS     11461664        11461716        .       -
        0       Parent=Smp_052740.1
SM_V9_6 iris    gene    11471222        11488324        .       +
        .
ID=Smp_315560;geneID=Smp_315560;gene_name=Smp_315560;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11471222        11471996        .       +
        .
ID=Smp_315560.2;Parent=Smp_315560;geneID=Smp_315560;gene_name=Smp_31
5560;owner=irisadmin@local.host;orig_id=Smp_315560.1;date_last_modif
ied=2022-07-18;Name=Smp_315560.2;product=Sperm-associated antigen
1;date_creation=2022-07-18
SM_V9_6 iris    exon    11471222        11471440        .       +
        .       Parent=Smp_315560.2;Name=a1c18c90-3557-4858-
bda2-45ac35aaa9f4
SM_V9_6 iris    exon    11471475        11471996        .       +
        .       Parent=Smp_315560.2;Name=629c5ec4-7b63-44a3-9bcb-
cf044d74668b
SM_V9_6 iris    CDS     11471313        11471440        .       +
        0       Parent=Smp_315560.2
SM_V9_6 iris    CDS     11471475        11471559        .       +
        1       Parent=Smp_315560.2
SM_V9_6 iris    mRNA    11471222        11488324        .       +
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ID=Smp_315560.1;Parent=Smp_315560;geneID=Smp_315560;gene_name=Smp_31
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ied=2022-07-18;Name=Smp_315560.1;product=Sperm-associated antigen
1;date_creation=2022-07-18
SM_V9_6 iris    exon    11471222        11471440        .       +
        .
Parent=Smp_315560.1;Name=94be7824-4c14-4f02-9e7b-7b833a6d9f86
SM_V9_6 iris    exon    11471475        11471549        .       +
        .       Parent=Smp_315560.1;Name=933dce3c-4f18-4b16-
bdb2-2b64cd03e84f
SM_V9_6 iris    exon    11477210        11477294        .       +
        .
Parent=Smp_315560.1;Name=13ba22a5-0cd6-4d0f-8337-9a33defc3c79
SM_V9_6 iris    exon    11478429        11478656        .       +
        .
Parent=Smp_315560.1;Name=5c5c7447-1286-4a2e-985e-269d332bf102
SM_V9_6 iris    exon    11480483        11480553        .       +
        .       Parent=Smp_315560.1;Name=ca37633c-01b0-456b-9071-
d6f0b953b3c7
SM_V9_6 iris    exon    11483191        11483395        .       +
        .       Parent=Smp_315560.1;Name=cb3503bb-
d5fe-474b-86d5-5a1cc0c638cd
SM_V9_6 iris    exon    11485310        11485409        .       +
        .       Parent=Smp_315560.1;Name=413b3a1f-
bc3b-4dcb-88e6-002e81b9b001
SM_V9_6 iris    exon    11486261        11486338        .       +
        .       Parent=Smp_315560.1;Name=81ae21e7-d21b-4ebd-
aae2-4196db155103
SM_V9_6 iris    exon    11488147        11488324        .       +
        .       Parent=Smp_315560.1;Name=687c3298-a4d9-423d-
b844-1937ecb6127a
SM_V9_6 iris    CDS     11471313        11471440        .       +
        0       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11471475        11471549        .       +
        1       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11477210        11477294        .       +
        1       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11478429        11478656        .       +
        0       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11480483        11480553        .       +
        0       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11483191        11483395        .       +
        1       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11485310        11485409        .       +
        0       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11486261        11486338        .       +
        2       Parent=Smp_315560.1
SM_V9_6 iris    CDS     11488147        11488262        .       +
        2       Parent=Smp_315560.1
SM_V9_6 iris    gene    11489230        11490628        .       -
        .
ID=Smp_350300;geneID=Smp_350300;gene_name=Smp_350300;owner=irisadmin
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SM_V9_6 iris    mRNA    11489209        11490628        .       -
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SM_V9_6 iris    exon    11489209        11490628        .       -
        .       Parent=Smp_350300.1;Name=Smp_350300.1-CDS
SM_V9_6 iris    CDS     11489534        11490424        .       -
        0       Parent=Smp_350300.1
SM_V9_6 iris    gene    11491541        11505496        .       +
        .
ID=Smp_315570;geneID=Smp_315570;gene_name=Smp_315570;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    11491541        11505496        .       +
        .
ID=Smp_315570.1;Parent=Smp_315570;geneID=Smp_315570;gene_name=Smp_31
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associated protein 3;date_creation=2022-08-18
SM_V9_6 iris    exon    11491541        11491603        .       +
        .       Parent=Smp_315570.1;Name=15dee653-a0c0-4140-a282-
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SM_V9_6 iris    exon    11493782        11494021        .       +
        .       Parent=Smp_315570.1;Name=Smp_315570.1-CDS
SM_V9_6 iris    exon    11497060        11497179        .       +
        .       Parent=Smp_315570.1;Name=b03c5614-65b7-46bb-80a8-
c69bc86c110d
SM_V9_6 iris    exon    11498853        11499282        .       +
        .       Parent=Smp_315570.1;Name=71fff752-5971-4cf9-a9e7-
beed8571113b
SM_V9_6 iris    exon    11500668        11500805        .       +
        .       Parent=Smp_315570.1;Name=277cf15a-8763-437f-
a1a9-822a2738dc3a
SM_V9_6 iris    exon    11501718        11501792        .       +
        .       Parent=Smp_315570.1;Name=a10990c6-
a5bd-40e6-9572-61b4e16b2e02
SM_V9_6 iris    exon    11504085        11504183        .       +
        .       Parent=Smp_315570.1;Name=dee56bdd-
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SM_V9_6 iris    exon    11504862        11505496        .       +
        .       Parent=Smp_315570.1;Name=7ebd9678-22ae-4a57-b72f-
a87518ef1986
SM_V9_6 iris    CDS     11493806        11494021        .       +
        0       Parent=Smp_315570.1
SM_V9_6 iris    CDS     11497060        11497179        .       +
        0       Parent=Smp_315570.1
SM_V9_6 iris    CDS     11498853        11499282        .       +
        0       Parent=Smp_315570.1
SM_V9_6 iris    CDS     11500668        11500805        .       +
        2       Parent=Smp_315570.1
SM_V9_6 iris    CDS     11501718        11501792        .       +
        2       Parent=Smp_315570.1
SM_V9_6 iris    CDS     11504085        11504183        .       +
        2       Parent=Smp_315570.1
SM_V9_6 iris    CDS     11504862        11504965        .       +
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        2       Parent=Smp_315570.1
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        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11504786        11540998        .       -
        .
ID=Smp_334750.1;Parent=Smp_334750;geneID=Smp_334750;gene_name=Smp_33
4750;owner=irisadmin@local.host;orig_id=Smp_334750.1;date_last_modif
ied=2022-07-18;Name=Smp_334750.1;product=WD repeat-containing
protein 48;date_creation=2022-07-18
SM_V9_6 iris    exon    11504786        11506109        .       -
        .
Parent=Smp_334750.1;Name=0bf37d1d-7f29-44f8-9e8e-9fb111697331
SM_V9_6 iris    exon    11510047        11510249        .       -
        .       Parent=Smp_334750.1;Name=8f3df3cb-55c5-464a-
a010-600bdd6ba454
SM_V9_6 iris    exon    11511266        11511429        .       -
        .       Parent=Smp_334750.1;Name=4c1ec327-7cf4-40b3-
aa66-56bd4499110a
SM_V9_6 iris    exon    11513228        11513304        .       -
        .       Parent=Smp_334750.1;Name=fc41f4ec-e282-4e25-afd3-
f78888f417a0
SM_V9_6 iris    exon    11514526        11514640        .       -
        .
Parent=Smp_334750.1;Name=b7410f3e-264f-409f-9de1-191f2d6e0e34
SM_V9_6 iris    exon    11514693        11514756        .       -
        .       Parent=Smp_334750.1;Name=51a1096b-e6e1-4e0d-
bc76-32af225d4226
SM_V9_6 iris    exon    11516291        11516392        .       -
        .       Parent=Smp_334750.1;Name=5853a754-8f3e-4768-9a53-
f64b033ad671
SM_V9_6 iris    exon    11516828        11516939        .       -
        .       Parent=Smp_334750.1;Name=3008b2d1-42fb-4329-9512-
e883683cdd8a
SM_V9_6 iris    exon    11518938        11519045        .       -
        .       Parent=Smp_334750.1;Name=28137f6d-7579-48d7-a652-
d663c58888bf
SM_V9_6 iris    exon    11520293        11520390        .       -
        .       Parent=Smp_334750.1;Name=8425da6c-
f548-4f06-94de-36917f194e3d
SM_V9_6 iris    exon    11523552        11523909        .       -
        .       Parent=Smp_334750.1;Name=0159ebcb-760d-41c2-
b6ea-5ab0526091a3
SM_V9_6 iris    exon    11525509        11525580        .       -
        .       Parent=Smp_334750.1;Name=79f1c4b9-0743-42d9-
b9b3-2cb6e25b330f
SM_V9_6 iris    exon    11529766        11529885        .       -
        .       Parent=Smp_334750.1;Name=cc379bd3-ab29-4c60-8fb5-
dcc4cd9e4d9c
SM_V9_6 iris    exon    11531885        11531989        .       -
        .
Parent=Smp_334750.1;Name=38a392ec-7ece-40b2-9166-3c23d66e7bf6
SM_V9_6 iris    exon    11534139        11534329        .       -
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        .       Parent=Smp_334750.1;Name=af6da04d-4693-46d1-
adb4-5cbdfdf3fc21
SM_V9_6 iris    exon    11536240        11536452        .       -
        .       Parent=Smp_334750.1;Name=b8740a20-2d85-4dfd-
a62b-845355ceb7dd
SM_V9_6 iris    exon    11540556        11540631        .       -
        .       Parent=Smp_334750.1;Name=8c4d93dc-6cb3-4fe4-bb58-
fb706fe393d0
SM_V9_6 iris    exon    11540682        11540998        .       -
        .       Parent=Smp_334750.1;Name=38f49b81-b6b3-45cd-
bc23-4eb86fd34f5f
SM_V9_6 iris    CDS     11505747        11506109        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11510047        11510249        .       -
        2       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11511266        11511429        .       -
        1       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11513228        11513304        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11514526        11514640        .       -
        1       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11514693        11514756        .       -
        2       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11516291        11516392        .       -
        2       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11516828        11516939        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11518938        11519045        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11520293        11520390        .       -
        2       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11523552        11523909        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11525509        11525580        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11529766        11529885        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11531885        11531989        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11534139        11534329        .       -
        2       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11536240        11536452        .       -
        2       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11540556        11540631        .       -
        0       Parent=Smp_334750.1
SM_V9_6 iris    CDS     11540682        11540849        .       -
        0       Parent=Smp_334750.1
SM_V9_6 Liftoff gene    11557872        11567026        .       +
        .       ID=Smp_194100;geneID=Smp_194100
SM_V9_6 Liftoff mRNA    11557872        11567026        .       +
        .
ID=Smp_194100.1;Parent=Smp_194100;geneID=Smp_194100;product=Trifunct
ional nucleotide phosphoesterase protein
YfkN;polypeptide_domain=InterPro:IPR004843,IPR006179,IPR008334,IPR02
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9052 Pfam:PF00149,PF02872;Ontology_term=GO:0009166,GO:0016787
SM_V9_6 Liftoff exon    11557872        11558774        .       +
        .       Parent=Smp_194100.1
SM_V9_6 Liftoff exon    11560571        11560919        .       +
        .       Parent=Smp_194100.1
SM_V9_6 Liftoff exon    11564153        11564409        .       +
        .       Parent=Smp_194100.1
SM_V9_6 Liftoff exon    11566706        11567026        .       +
        .       Parent=Smp_194100.1
SM_V9_6 Liftoff CDS     11557917        11558774        .       +
        0       Parent=Smp_194100.1
SM_V9_6 Liftoff CDS     11560571        11560919        .       +
        0       Parent=Smp_194100.1
SM_V9_6 Liftoff CDS     11564153        11564409        .       +
        2       Parent=Smp_194100.1
SM_V9_6 Liftoff CDS     11566706        11566966        .       +
        0       Parent=Smp_194100.1
SM_V9_6 iris    gene    11609224        11798083        .       +
        .
ID=Smp_141980;geneID=Smp_141980;gene_name=Smp_141980;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    11609224        11798083        .       +
        .
ID=Smp_141980.3;Parent=Smp_141980;geneID=Smp_141980;gene_name=Smp_14
1980;owner=irisadmin@local.host;orig_id=Smp_334760.1;date_last_modif
ied=2022-08-15;Name=Smp_141980.3;date_creation=2022-08-15
SM_V9_6 iris    exon    11609224        11609384        .       +
        .       Parent=Smp_141980.3;Name=af6748cd-f145-427b-b490-
eae8fbf601a2
SM_V9_6 iris    exon    11667974        11668140        .       +
        .       Parent=Smp_141980.3;Name=Smp_141980.3-CDS
SM_V9_6 iris    exon    11725230        11725412        .       +
        .
Parent=Smp_141980.3;Name=68581934-48ce-4b8d-8c76-390549c77491
SM_V9_6 iris    exon    11737539        11737643        .       +
        .       Parent=Smp_141980.3;Name=f796847b-2c18-42b6-957e-
a1fbb5a9546b
SM_V9_6 iris    exon    11761134        11761198        .       +
        .       Parent=Smp_141980.3;Name=797a14ea-272b-4db2-
a8c5-26deb0140544
SM_V9_6 iris    exon    11763492        11763613        .       +
        .       Parent=Smp_141980.3;Name=89945a46-301a-4e97-
a51c-7dd9c77b690a
SM_V9_6 iris    exon    11772110        11772853        .       +
        .       Parent=Smp_141980.3;Name=87bb24e0-ed4d-45b3-
ab6b-9fc8e4f3414d
SM_V9_6 iris    exon    11775213        11775311        .       +
        .
Parent=Smp_141980.3;Name=4ce8f4a2-64db-49b7-939f-9de8932850e4
SM_V9_6 iris    exon    11778064        11778225        .       +
        .       Parent=Smp_141980.3;Name=13101722-95e9-454a-
b444-88f0f028a331
SM_V9_6 iris    exon    11781331        11781430        .       +
        .       Parent=Smp_141980.3;Name=544de7fa-e5be-4013-
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b957-9c4ae5440cad
SM_V9_6 iris    exon    11785816        11785970        .       +
        .       Parent=Smp_141980.3;Name=f7ccda2c-ce36-4521-
b39b-39066ca85252
SM_V9_6 iris    exon    11788718        11788840        .       +
        .       Parent=Smp_141980.3;Name=bc2d79f5-1497-446f-9ad0-
e4e92cbeff82
SM_V9_6 iris    exon    11793249        11793431        .       +
        .       Parent=Smp_141980.3;Name=3ec46342-1df8-454d-b93f-
ef0dd69d983b
SM_V9_6 iris    exon    11796371        11798083        .       +
        .       Parent=Smp_141980.3;Name=008a47f0-ab95-4ead-b666-
e30bb6e800c0
SM_V9_6 iris    CDS     11668028        11668140        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11725230        11725412        .       +
        1       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11737539        11737643        .       +
        1       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11761134        11761198        .       +
        1       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11763492        11763613        .       +
        2       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11772110        11772853        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11775213        11775311        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11778064        11778225        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11781331        11781430        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11785816        11785970        .       +
        2       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11788718        11788840        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11793249        11793431        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    CDS     11796371        11796535        .       +
        0       Parent=Smp_141980.3
SM_V9_6 iris    mRNA    11688517        11798083        .       +
        .
ID=Smp_141980.2;Parent=Smp_141980;geneID=Smp_141980;gene_name=Smp_14
1980;owner=irisadmin@local.host;orig_id=Smp_334760.2;date_last_modif
ied=2022-08-15;Name=Smp_141980.2;product=cAMP-specific 3',5'-cyclic
phosphodiesterase 4C (Fragment);date_creation=2022-08-15
SM_V9_6 iris    exon    11688517        11689144        .       +
        .       Parent=Smp_141980.2;Name=02c4d0ec-3821-4b50-
b398-96bfe981bd1c
SM_V9_6 iris    exon    11725230        11725412        .       +
        .       Parent=Smp_141980.2;Name=0a136f91-
c60f-4717-9260-47c9f71199c9
SM_V9_6 iris    exon    11737539        11737643        .       +
        .       Parent=Smp_141980.2;Name=231960c4-a350-48fe-b800-
cbb07f0195e8
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SM_V9_6 iris    exon    11761134        11761198        .       +
        .
Parent=Smp_141980.2;Name=3a411a1e-7500-4d81-87e5-2d3d24405462
SM_V9_6 iris    exon    11763492        11763613        .       +
        .       Parent=Smp_141980.2;Name=4bc59c15-d779-4717-
a12e-6f8fe5665327
SM_V9_6 iris    exon    11772110        11772853        .       +
        .       Parent=Smp_141980.2;Name=0d2544f5-c330-47e9-91a8-
cc202cf94c0e
SM_V9_6 iris    exon    11775213        11775311        .       +
        .       Parent=Smp_141980.2;Name=53435575-
d472-4f08-90da-767aee783a9d
SM_V9_6 iris    exon    11778064        11778225        .       +
        .       Parent=Smp_141980.2;Name=a9b87d23-1aea-45f7-b4be-
f07c1a2eda3e
SM_V9_6 iris    exon    11781331        11781430        .       +
        .       Parent=Smp_141980.2;Name=225f2a10-e3e7-4c13-89fe-
db1b28aed45e
SM_V9_6 iris    exon    11785816        11785970        .       +
        .       Parent=Smp_141980.2;Name=ea03eb2c-
a7aa-4b54-95d2-66c355aa4d61
SM_V9_6 iris    exon    11788718        11788840        .       +
        .
Parent=Smp_141980.2;Name=80b61ad5-28b0-4049-9863-43d3ebf67659
SM_V9_6 iris    exon    11793249        11793431        .       +
        .       Parent=Smp_141980.2;Name=b5ff2e7b-cea4-460d-8a38-
ac9d30b29ac0
SM_V9_6 iris    exon    11796371        11798083        .       +
        .       Parent=Smp_141980.2;Name=943fb5ca-d829-49e7-
ba42-758331705ea3
SM_V9_6 iris    CDS     11688786        11689144        .       +
        0       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11725230        11725412        .       +
        1       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11737539        11737643        .       +
        1       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11761134        11761198        .       +
        1       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11763492        11763613        .       +
        2       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11772110        11772853        .       +
        0       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11775213        11775311        .       +
        0       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11778064        11778225        .       +
        0       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11781331        11781430        .       +
        0       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11785816        11785970        .       +
        2       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11788718        11788840        .       +
        0       Parent=Smp_141980.2
SM_V9_6 iris    CDS     11793249        11793431        .       +
        0       Parent=Smp_141980.2
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SM_V9_6 iris    CDS     11796371        11796535        .       +
        0       Parent=Smp_141980.2
SM_V9_6 iris    mRNA    11736167        11798083        .       +
        .
ID=Smp_141980.1;Parent=Smp_141980;geneID=Smp_141980;gene_name=Smp_14
1980;owner=irisadmin@local.host;orig_id=Smp_141980.1;date_last_modif
ied=2022-08-15;Name=Smp_141980.1;product=cAMP-specific 3',5'-cyclic
phosphodiesterase 4C (Fragment);date_creation=2022-07-18
SM_V9_6 iris    exon    11736167        11737643        .       +
        .       Parent=Smp_141980.1;Name=ecb1e5b9-8931-429e-84e7-
ea07d4550754
SM_V9_6 iris    exon    11761134        11761198        .       +
        .       Parent=Smp_141980.1;Name=53068ebf-7d2b-4f20-
aa83-9cf6bde8494a
SM_V9_6 iris    exon    11763492        11763613        .       +
        .       Parent=Smp_141980.1;Name=22eddbe3-49a0-4bb9-
ab7e-3b2e3fafd2de
SM_V9_6 iris    exon    11772110        11772853        .       +
        .       Parent=Smp_141980.1;Name=59d6a6dd-f3ea-4a05-8859-
a1b05131c8b2
SM_V9_6 iris    exon    11775213        11775311        .       +
        .       Parent=Smp_141980.1;Name=9181723f-
c176-4ac5-9998-7e56fa671622
SM_V9_6 iris    exon    11778064        11778225        .       +
        .       Parent=Smp_141980.1;Name=e46a7cd5-abd1-4602-
b213-090548c67668
SM_V9_6 iris    exon    11781331        11781430        .       +
        .       Parent=Smp_141980.1;Name=c4c53516-c727-4be6-9ae2-
ea67c393946c
SM_V9_6 iris    exon    11785816        11785970        .       +
        .       Parent=Smp_141980.1;Name=e7d655a1-5bdf-4a9a-
a7a0-58da90a03221
SM_V9_6 iris    exon    11788718        11788840        .       +
        .       Parent=Smp_141980.1;Name=5e941034-
e767-44b6-88a7-383cde06e263
SM_V9_6 iris    exon    11793249        11793431        .       +
        .
Parent=Smp_141980.1;Name=a4f59432-82c5-424a-98b4-646bcf47a935
SM_V9_6 iris    exon    11796371        11798083        .       +
        .       Parent=Smp_141980.1;Name=36295ecc-764a-4349-a936-
f827a4a6ee83
SM_V9_6 iris    CDS     11736493        11737643        .       +
        0       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11761134        11761198        .       +
        1       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11763492        11763613        .       +
        2       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11772110        11772853        .       +
        0       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11775213        11775311        .       +
        0       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11778064        11778225        .       +
        0       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11781331        11781430        .       +
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        0       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11785816        11785970        .       +
        2       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11788718        11788840        .       +
        0       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11793249        11793431        .       +
        0       Parent=Smp_141980.1
SM_V9_6 iris    CDS     11796371        11796535        .       +
        0       Parent=Smp_141980.1
SM_V9_6 iris    gene    11798280        11809063        .       -
        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
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        .
ID=Smp_141970.1;Parent=Smp_141970;geneID=Smp_141970;gene_name=Smp_14
1970;owner=irisadmin@local.host;orig_id=Smp_141970.1;date_last_modif
ied=2022-07-18;Name=Smp_141970.1;product=Deoxyribose-phosphate
aldolase;date_creation=2022-07-18
SM_V9_6 iris    exon    11798280        11798891        .       -
        .       Parent=Smp_141970.1;Name=7be36052-c4de-4f98-
aa09-5d27084dfe6d
SM_V9_6 iris    exon    11802556        11802800        .       -
        .       Parent=Smp_141970.1;Name=682b7d0f-99c8-42cb-9128-
aa7b9c073691
SM_V9_6 iris    exon    11804301        11804435        .       -
        .
Parent=Smp_141970.1;Name=0d89929f-9d74-44df-8789-69a5defc1993
SM_V9_6 iris    exon    11804492        11804584        .       -
        .       Parent=Smp_141970.1;Name=dd592fd0-2269-49ca-a366-
fac2cf9f64a3
SM_V9_6 iris    exon    11804633        11804798        .       -
        .       Parent=Smp_141970.1;Name=bcc88236-8299-4c25-a3c3-
ccc24eac7138
SM_V9_6 iris    exon    11804860        11804954        .       -
        .       Parent=Smp_141970.1;Name=f7b20702-5053-4cae-bd60-
dc0c19a3aaea
SM_V9_6 iris    exon    11804994        11805029        .       -
        .       Parent=Smp_141970.1;Name=2244250a-e92f-4996-9815-
bcd3074a02dd
SM_V9_6 iris    exon    11808965        11809063        .       -
        .       Parent=Smp_141970.1;Name=f7d13a3f-3392-4f3b-
abcb-38646bf93f04
SM_V9_6 iris    CDS     11798682        11798891        .       -
        0       Parent=Smp_141970.1
SM_V9_6 iris    CDS     11802556        11802800        .       -
        2       Parent=Smp_141970.1
SM_V9_6 iris    CDS     11804301        11804435        .       -
        2       Parent=Smp_141970.1
SM_V9_6 iris    CDS     11804492        11804584        .       -
        2       Parent=Smp_141970.1
SM_V9_6 iris    CDS     11804633        11804798        .       -
        0       Parent=Smp_141970.1
SM_V9_6 iris    CDS     11804860        11804954        .       -
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        2       Parent=Smp_141970.1
SM_V9_6 iris    CDS     11804994        11805021        .       -
        0       Parent=Smp_141970.1
SM_V9_6 Liftoff gene    11817087        11825019        .       +
        .       ID=Smp_036780;geneID=Smp_036780
SM_V9_6 Liftoff mRNA    11817087        11825019        .       +
        .
ID=Smp_036780.1;Parent=Smp_036780;geneID=Smp_036780;product=Leydig
cell tumor 10 kDa protein
homolog;polypeptide_domain=InterPro:IPR019034 Pfam:PF09495
SM_V9_6 Liftoff exon    11817087        11825019        .       +
        .       Parent=Smp_036780.1
SM_V9_6 Liftoff CDS     11824463        11824723        .       +
        0       Parent=Smp_036780.1
SM_V9_6 iris    gene    11838118        11856933        .       +
        .
ID=Smp_141960;geneID=Smp_141960;gene_name=Smp_141960;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11838118        11856933        .       +
        .
ID=Smp_141960.1;Parent=Smp_141960;geneID=Smp_141960;gene_name=Smp_14
1960;owner=irisadmin@local.host;orig_id=Smp_141960.2;date_last_modif
ied=2022-07-18;Name=Smp_141960.1;product=Ankyrin-2;date_creation=202
2-07-18
SM_V9_6 iris    exon    11838118        11838430        .       +
        .       Parent=Smp_141960.1;Name=13406ceb-c482-492f-
b2ac-39504fc9631c
SM_V9_6 iris    exon    11838479        11838603        .       +
        .       Parent=Smp_141960.1;Name=4418fc38-0d21-45b5-
a00e-16e3b16e5c84
SM_V9_6 iris    exon    11838631        11838796        .       +
        .       Parent=Smp_141960.1;Name=9ffdbf65-2dcb-43c2-9fab-
a4ac7911b683
SM_V9_6 iris    exon    11846988        11847089        .       +
        .       Parent=Smp_141960.1;Name=0847db1c-6e7f-4af3-
a73f-2b94fc6e59db
SM_V9_6 iris    exon    11848160        11848383        .       +
        .
Parent=Smp_141960.1;Name=9d7648c0-925c-4c0e-85fa-024ffbd3fdc4
SM_V9_6 iris    exon    11849628        11849722        .       +
        .       Parent=Smp_141960.1;Name=7e4babba-ce8f-4461-
a190-1c0e807a5c59
SM_V9_6 iris    exon    11856739        11856933        .       +
        .       Parent=Smp_141960.1;Name=5920939d-2310-43f6-
b073-7b98286d315e
SM_V9_6 iris    CDS     11838250        11838430        .       +
        0       Parent=Smp_141960.1
SM_V9_6 iris    CDS     11838479        11838603        .       +
        2       Parent=Smp_141960.1
SM_V9_6 iris    CDS     11838631        11838796        .       +
        0       Parent=Smp_141960.1
SM_V9_6 iris    CDS     11846988        11847089        .       +
        2       Parent=Smp_141960.1
SM_V9_6 iris    CDS     11848160        11848383        .       +
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        2       Parent=Smp_141960.1
SM_V9_6 iris    CDS     11849628        11849722        .       +
        0       Parent=Smp_141960.1
SM_V9_6 iris    CDS     11856739        11856805        .       +
        1       Parent=Smp_141960.1
SM_V9_6 iris    gene    11883338        11887346        .       +
        .
ID=Smp_333850;geneID=Smp_333850;gene_name=Smp_333850;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    11883338        11887346        .       +
        .
ID=Smp_333850.1;Parent=Smp_333850;geneID=Smp_333850;gene_name=Smp_33
3850;owner=irisadmin@local.host;orig_id=Smp_333850.1;date_last_modif
ied=2022-07-18;Name=Smp_333850.1;product=4-hydroxy-2,2'-bipyrrole-5-
methanol synthase PigH;date_creation=2022-07-18
SM_V9_6 iris    exon    11883338        11883493        .       +
        .
Parent=Smp_333850.1;Name=a496902b-8439-4354-948d-188960751f09
SM_V9_6 iris    exon    11885981        11887346        .       +
        .       Parent=Smp_333850.1;Name=475fe975-9840-4707-880d-
ce4f21c9962d
SM_V9_6 iris    CDS     11886657        11886884        .       +
        0       Parent=Smp_333850.1
SM_V9_6 Liftoff gene    11924248        11985713        .       -
        .
ID=Smp_179350;geneID=Smp_179350;previous_systematic_id=Smp_036760
SM_V9_6 Liftoff mRNA    11924248        11985713        .       -
        .
ID=Smp_179350.1;Parent=Smp_179350;geneID=Smp_179350;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR011993
SM_V9_6 Liftoff exon    11924248        11928376        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11931095        11931886        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11934177        11935697        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11936788        11937412        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11940423        11940915        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11941892        11943097        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11958355        11959176        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11961574        11962098        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11976833        11977345        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11985388        11985433        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff exon    11985507        11985713        .       -
        .       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11927318        11928376        .       -
        0       Parent=Smp_179350.1
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SM_V9_6 Liftoff CDS     11931095        11931886        .       -
        0       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11934177        11935697        .       -
        0       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11936788        11937412        .       -
        1       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11940423        11940915        .       -
        2       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11941892        11943097        .       -
        2       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11958355        11959176        .       -
        2       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11961574        11962098        .       -
        2       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11976833        11977345        .       -
        2       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11985388        11985433        .       -
        0       Parent=Smp_179350.1
SM_V9_6 Liftoff CDS     11985507        11985566        .       -
        0       Parent=Smp_179350.1
SM_V9_6 Liftoff gene    12002900        12083692        .       +
        .
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p_214010
SM_V9_6 Liftoff mRNA    12002900        12083692        .       +
        .
ID=Smp_214000.1;Parent=Smp_214000;geneID=Smp_214000;product=serine/
threonine-protein phosphatase;evidence=Traceable Author
Statement;literature=PMID:11071287;polypeptide_domain=InterPro:IPR00
4843,IPR006186,IPR029052 Pfam:PF00149;Ontology_term=GO:0016787
SM_V9_6 Liftoff exon    12002900        12003056        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12017409        12017609        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12028485        12028609        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12034128        12034239        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12037703        12037848        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12038835        12039052        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12043697        12043791        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12053359        12053484        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12065851        12065925        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12067334        12067415        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12068937        12069031        .       +
        .       Parent=Smp_214000.1
SM_V9_6 Liftoff exon    12079652        12083692        .       +
        .       Parent=Smp_214000.1
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SM_V9_6 Liftoff CDS     12003008        12003056        .       +
        0       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12017409        12017609        .       +
        2       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12028485        12028609        .       +
        2       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12034128        12034239        .       +
        0       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12037703        12037848        .       +
        2       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12038835        12039052        .       +
        0       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12043697        12043791        .       +
        1       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12053359        12053484        .       +
        2       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12065851        12065925        .       +
        2       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12067334        12067415        .       +
        2       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12068937        12069031        .       +
        1       Parent=Smp_214000.1
SM_V9_6 Liftoff CDS     12079652        12080262        .       +
        2       Parent=Smp_214000.1
SM_V9_6 Liftoff gene    12149450        12155281        .       +
        .       ID=Smp_141940;geneID=Smp_141940
SM_V9_6 Liftoff mRNA    12149450        12155281        .       +
        .
ID=Smp_141940.1;Parent=Smp_141940;geneID=Smp_141940;product=Stage II
sporulation protein B
SM_V9_6 Liftoff exon    12149450        12149572        .       +
        .       Parent=Smp_141940.1
SM_V9_6 Liftoff exon    12150065        12150253        .       +
        .       Parent=Smp_141940.1
SM_V9_6 Liftoff exon    12153770        12155281        .       +
        .       Parent=Smp_141940.1
SM_V9_6 Liftoff CDS     12149521        12149572        .       +
        0       Parent=Smp_141940.1
SM_V9_6 Liftoff CDS     12150065        12150253        .       +
        2       Parent=Smp_141940.1
SM_V9_6 Liftoff CDS     12153770        12154080        .       +
        2       Parent=Smp_141940.1
SM_V9_6 Liftoff gene    12161940        12165784        .       +
        .       ID=Smp_036720;geneID=Smp_036720
SM_V9_6 Liftoff mRNA    12161940        12165784        .       +
        .
ID=Smp_036720.1;Parent=Smp_036720;geneID=Smp_036720;product=N5-
carboxyaminoimidazole ribonucleotide synthase
SM_V9_6 Liftoff exon    12161940        12162225        .       +
        .       Parent=Smp_036720.1
SM_V9_6 Liftoff exon    12165062        12165784        .       +
        .       Parent=Smp_036720.1
SM_V9_6 Liftoff CDS     12162039        12162225        .       +
        0       Parent=Smp_036720.1
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SM_V9_6 Liftoff CDS     12165062        12165357        .       +
        2       Parent=Smp_036720.1
SM_V9_6 Liftoff gene    12180238        12184856        .       -
        .       ID=Smp_141930;geneID=Smp_141930
SM_V9_6 Liftoff mRNA    12180238        12184856        .       -
        .
ID=Smp_141930.1;Parent=Smp_141930;geneID=Smp_141930;product=Phagocyt
e signaling-impaired protein
SM_V9_6 Liftoff exon    12180238        12180991        .       -
        .       Parent=Smp_141930.1
SM_V9_6 Liftoff exon    12184491        12184856        .       -
        .       Parent=Smp_141930.1
SM_V9_6 Liftoff CDS     12180807        12180991        .       -
        2       Parent=Smp_141930.1
SM_V9_6 Liftoff CDS     12184491        12184656        .       -
        0       Parent=Smp_141930.1
SM_V9_6 Liftoff gene    12252563        12312099        .       +
        .       ID=Smp_068510;geneID=Smp_068510
SM_V9_6 Liftoff mRNA    12252563        12312099        .       +
        .
ID=Smp_068510.1;Parent=Smp_068510;geneID=Smp_068510;product=Neuronal
calcium sensor
2;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499,PF13833;Ontology_term=GO:0005509
SM_V9_6 Liftoff exon    12252563        12281379        .       +
        .       Parent=Smp_068510.1
SM_V9_6 Liftoff exon    12295041        12295313        .       +
        .       Parent=Smp_068510.1
SM_V9_6 Liftoff exon    12309183        12312099        .       +
        .       Parent=Smp_068510.1
SM_V9_6 Liftoff CDS     12281266        12281379        .       +
        0       Parent=Smp_068510.1
SM_V9_6 Liftoff CDS     12295041        12295313        .       +
        0       Parent=Smp_068510.1
SM_V9_6 Liftoff CDS     12309183        12309371        .       +
        0       Parent=Smp_068510.1
SM_V9_6 Liftoff gene    12347782        12368726        .       -
        .
ID=Smp_315580;geneID=Smp_315580;previous_systematic_id=Smp_159270,Sm
p_197500,Smp_243070
SM_V9_6 Liftoff mRNA    12347782        12368726        .       -
        .
ID=Smp_315580.1;Parent=Smp_315580;geneID=Smp_315580;product=Battenin
;polypeptide_domain=InterPro:IPR003492,IPR018460,IPR020846
Pfam:PF02487;Ontology_term=GO:0016020
SM_V9_6 Liftoff exon    12347782        12348063        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12349456        12349596        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12350917        12351010        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12354905        12354960        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12356958        12357026        .       -
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        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12359748        12359917        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12360275        12360408        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12363380        12363520        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12365560        12365632        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12366380        12366465        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12367097        12367176        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12367212        12367277        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12368138        12368216        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12368264        12368324        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12368371        12368398        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff exon    12368464        12368726        .       -
        .       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12347941        12348063        .       -
        0       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12349456        12349596        .       -
        0       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12350917        12351010        .       -
        1       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12354905        12354960        .       -
        0       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12356958        12357026        .       -
        0       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12359748        12359917        .       -
        2       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12360275        12360408        .       -
        1       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12363380        12363520        .       -
        1       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12365560        12365632        .       -
        2       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12366380        12366465        .       -
        1       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12367097        12367176        .       -
        0       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12367212        12367277        .       -
        0       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12368138        12368216        .       -
        1       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12368264        12368324        .       -
        2       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12368371        12368398        .       -
        0       Parent=Smp_315580.1
SM_V9_6 Liftoff CDS     12368464        12368547        .       -
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SM_V9_6 Liftoff gene    12375171        12391433        .       +
        .       ID=Smp_068530;geneID=Smp_068530
SM_V9_6 Liftoff mRNA    12375171        12391433        .       +
        .
ID=Smp_068530.1;Parent=Smp_068530;geneID=Smp_068530;product=Syntenin
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Pfam:PF00595;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    12375171        12376635        .       +
        .       Parent=Smp_068530.1
SM_V9_6 Liftoff exon    12381440        12381615        .       +
        .       Parent=Smp_068530.1
SM_V9_6 Liftoff exon    12385333        12385596        .       +
        .       Parent=Smp_068530.1
SM_V9_6 Liftoff exon    12390768        12391433        .       +
        .       Parent=Smp_068530.1
SM_V9_6 Liftoff CDS     12376237        12376635        .       +
        0       Parent=Smp_068530.1
SM_V9_6 Liftoff CDS     12381440        12381615        .       +
        0       Parent=Smp_068530.1
SM_V9_6 Liftoff CDS     12385333        12385596        .       +
        1       Parent=Smp_068530.1
SM_V9_6 Liftoff CDS     12390768        12390822        .       +
        1       Parent=Smp_068530.1
SM_V9_6 Liftoff gene    12405681        12411666        .       -
        .
ID=Smp_345050;geneID=Smp_345050;previous_systematic_id=Smp_159280
SM_V9_6 Liftoff mRNA    12405681        12411666        .       -
        .
ID=Smp_345050.1;Parent=Smp_345050;geneID=Smp_345050;product=venom
allergen (val) protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR014044
SM_V9_6 Liftoff exon    12405681        12410776        .       -
        .       Parent=Smp_345050.1
SM_V9_6 Liftoff exon    12410883        12411666        .       -
        .       Parent=Smp_345050.1
SM_V9_6 Liftoff CDS     12410563        12410776        .       -
        1       Parent=Smp_345050.1
SM_V9_6 Liftoff CDS     12410883        12410971        .       -
        0       Parent=Smp_345050.1
SM_V9_6 Liftoff gene    12417426        12419085        .       +
        .       ID=Smp_159290;geneID=Smp_159290
SM_V9_6 Liftoff mRNA    12417426        12419085        .       +
        .
ID=Smp_159290.1;Parent=Smp_159290;geneID=Smp_159290;product=venom
allergen-like (VAL) 21 protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR014044 Pfam:PF00188
SM_V9_6 Liftoff exon    12417426        12417650        .       +
        .       Parent=Smp_159290.1
SM_V9_6 Liftoff exon    12417707        12417837        .       +
        .       Parent=Smp_159290.1
SM_V9_6 Liftoff exon    12417878        12417959        .       +
        .       Parent=Smp_159290.1
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SM_V9_6 Liftoff exon    12418635        12418723        .       +
        .       Parent=Smp_159290.1
SM_V9_6 Liftoff exon    12418830        12419085        .       +
        .       Parent=Smp_159290.1
SM_V9_6 Liftoff CDS     12417462        12417650        .       +
        0       Parent=Smp_159290.1
SM_V9_6 Liftoff CDS     12417707        12417837        .       +
        0       Parent=Smp_159290.1
SM_V9_6 Liftoff CDS     12417878        12417959        .       +
        1       Parent=Smp_159290.1
SM_V9_6 Liftoff CDS     12418635        12418723        .       +
        0       Parent=Smp_159290.1
SM_V9_6 Liftoff CDS     12418830        12419043        .       +
        1       Parent=Smp_159290.1
SM_V9_6 Liftoff gene    12437479        12439146        .       -
        .       ID=Smp_193680;geneID=Smp_193680
SM_V9_6 Liftoff mRNA    12437479        12439146        .       -
        .
ID=Smp_193680.1;Parent=Smp_193680;geneID=Smp_193680;product=venom
allergen-like (VAL) 1 protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR014044 Pfam:PF00188
SM_V9_6 Liftoff exon    12437479        12437727        .       -
        .       Parent=Smp_193680.1
SM_V9_6 Liftoff exon    12437834        12437922        .       -
        .       Parent=Smp_193680.1
SM_V9_6 Liftoff exon    12438622        12438703        .       -
        .       Parent=Smp_193680.1
SM_V9_6 Liftoff exon    12438744        12438874        .       -
        .       Parent=Smp_193680.1
SM_V9_6 Liftoff exon    12438931        12439146        .       -
        .       Parent=Smp_193680.1
SM_V9_6 Liftoff CDS     12437514        12437727        .       -
        1       Parent=Smp_193680.1
SM_V9_6 Liftoff CDS     12437834        12437922        .       -
        0       Parent=Smp_193680.1
SM_V9_6 Liftoff CDS     12438622        12438703        .       -
        1       Parent=Smp_193680.1
SM_V9_6 Liftoff CDS     12438744        12438874        .       -
        0       Parent=Smp_193680.1
SM_V9_6 Liftoff CDS     12438931        12439119        .       -
        0       Parent=Smp_193680.1
SM_V9_6 Liftoff gene    12468970        12470910        .       +
        .       ID=Smp_002630;geneID=Smp_002630
SM_V9_6 Liftoff mRNA    12468970        12470910        .       +
        .
ID=Smp_002630.1;Parent=Smp_002630;geneID=Smp_002630;product=venom
allergen-like (VAL) 2 protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR014044 Pfam:PF00188
SM_V9_6 Liftoff exon    12468970        12469194        .       +
        .       Parent=Smp_002630.1
SM_V9_6 Liftoff exon    12469251        12469381        .       +
        .       Parent=Smp_002630.1
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SM_V9_6 Liftoff exon    12469422        12469503        .       +
        .       Parent=Smp_002630.1
SM_V9_6 Liftoff exon    12470189        12470277        .       +
        .       Parent=Smp_002630.1
SM_V9_6 Liftoff exon    12470384        12470910        .       +
        .       Parent=Smp_002630.1
SM_V9_6 Liftoff CDS     12469021        12469194        .       +
        0       Parent=Smp_002630.1
SM_V9_6 Liftoff CDS     12469251        12469381        .       +
        0       Parent=Smp_002630.1
SM_V9_6 Liftoff CDS     12469422        12469503        .       +
        1       Parent=Smp_002630.1
SM_V9_6 Liftoff CDS     12470189        12470277        .       +
        0       Parent=Smp_002630.1
SM_V9_6 Liftoff CDS     12470384        12470597        .       +
        1       Parent=Smp_002630.1
SM_V9_6 iris    gene    12477068        12480194        .       +
        .
ID=Smp_123550;geneID=Smp_123550;gene_name=Smp_123550;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    12477068        12480194        .       +
        .
ID=Smp_123550.1;Parent=Smp_123550;geneID=Smp_123550;gene_name=Smp_12
3550;owner=irisadmin@local.host;orig_id=Smp_123550.1;date_last_modif
ied=2022-08-18;Name=Smp_123550.1;product=venom allergen (VAL) 8
protein;date_creation=2022-08-18
SM_V9_6 iris    exon    12477068        12477256        .       +
        .       Parent=Smp_123550.1;Name=d9884873-b9c0-445f-aab9-
b3715ce61018
SM_V9_6 iris    exon    12477844        12477977        .       +
        .       Parent=Smp_123550.1;Name=8bea90b0-4565-49e2-80ad-
d07b716e3f42
SM_V9_6 iris    exon    12478028        12478112        .       +
        .       Parent=Smp_123550.1;Name=e3b7cb30-1ed0-4352-a2fe-
a8f4a8823401
SM_V9_6 iris    exon    12479613        12479716        .       +
        .       Parent=Smp_123550.1;Name=7ae3ec71-4c9b-4907-b7ce-
a6140b44a7b6
SM_V9_6 iris    exon    12479877        12480194        .       +
        .
Parent=Smp_123550.1;Name=d614ca4e-5900-4f99-8730-6e7e6208b191
SM_V9_6 iris    CDS     12477074        12477256        .       +
        0       Parent=Smp_123550.1
SM_V9_6 iris    CDS     12477844        12477977        .       +
        0       Parent=Smp_123550.1
SM_V9_6 iris    CDS     12478028        12478112        .       +
        1       Parent=Smp_123550.1
SM_V9_6 iris    CDS     12479613        12479716        .       +
        0       Parent=Smp_123550.1
SM_V9_6 iris    CDS     12479877        12480120        .       +
        1       Parent=Smp_123550.1
SM_V9_6 Liftoff gene    12487470        12491562        .       +
        .       ID=Smp_123540;geneID=Smp_123540
SM_V9_6 Liftoff mRNA    12487470        12491562        .       +
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        .
ID=Smp_123540.1;Parent=Smp_123540;geneID=Smp_123540;product=venom
allergen-like (VAL) 12 protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR014044 Pfam:PF00188
SM_V9_6 Liftoff exon    12487470        12487664        .       +
        .       Parent=Smp_123540.1
SM_V9_6 Liftoff exon    12488285        12488415        .       +
        .       Parent=Smp_123540.1
SM_V9_6 Liftoff exon    12488483        12488570        .       +
        .       Parent=Smp_123540.1
SM_V9_6 Liftoff exon    12489424        12489527        .       +
        .       Parent=Smp_123540.1
SM_V9_6 Liftoff exon    12491400        12491562        .       +
        .       Parent=Smp_123540.1
SM_V9_6 Liftoff CDS     12487488        12487664        .       +
        0       Parent=Smp_123540.1
SM_V9_6 Liftoff CDS     12488285        12488415        .       +
        0       Parent=Smp_123540.1
SM_V9_6 Liftoff CDS     12488483        12488570        .       +
        1       Parent=Smp_123540.1
SM_V9_6 Liftoff CDS     12489424        12489527        .       +
        0       Parent=Smp_123540.1
SM_V9_6 Liftoff CDS     12491400        12491514        .       +
        1       Parent=Smp_123540.1
SM_V9_6 Liftoff gene    12509390        12514851        .       +
        .
ID=Smp_345060;geneID=Smp_345060;previous_systematic_id=Smp_159300
SM_V9_6 Liftoff mRNA    12509390        12514851        .       +
        .
ID=Smp_345060.1;Parent=Smp_345060;geneID=Smp_345060;product=Carboxy-
S-adenosyl-L-methionine
synthase;polypeptide_domain=InterPro:IPR027417
SM_V9_6 Liftoff exon    12509390        12509918        .       +
        .       Parent=Smp_345060.1
SM_V9_6 Liftoff exon    12513545        12514851        .       +
        .       Parent=Smp_345060.1
SM_V9_6 Liftoff CDS     12509505        12509918        .       +
        0       Parent=Smp_345060.1
SM_V9_6 Liftoff CDS     12513545        12514012        .       +
        0       Parent=Smp_345060.1
SM_V9_6 iris    gene    12536666        12565936        .       -
        .
ID=Smp_156740;geneID=Smp_156740;gene_name=Smp_156740;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    12536666        12565936        .       -
        .
ID=Smp_156740.1;Parent=Smp_156740;geneID=Smp_156740;gene_name=Smp_15
6740;owner=irisadmin@local.host;orig_id=Smp_156740.2;date_last_modif
ied=2022-07-18;Name=Smp_156740.1;product=Type II inositol 1,4,5-
trisphosphate 5-phosphatase;date_creation=2022-07-18
SM_V9_6 iris    exon    12536666        12536891        .       -
        .       Parent=Smp_156740.1;Name=80c06f1b-3290-416b-9131-
db38530fe721
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SM_V9_6 iris    exon    12537453        12537498        .       -
        .
Parent=Smp_156740.1;Name=3139933c-8ee8-4d2f-962f-43d09ef1f67a
SM_V9_6 iris    exon    12540771        12540906        .       -
        .       Parent=Smp_156740.1;Name=720ec244-2f1d-4e8c-a5b5-
b7d8694c720f
SM_V9_6 iris    exon    12541766        12541875        .       -
        .       Parent=Smp_156740.1;Name=2b32f4a5-
aa47-44ae-88f6-4a0a41eddedb
SM_V9_6 iris    exon    12543512        12543623        .       -
        .       Parent=Smp_156740.1;Name=492681c1-dc9e-4d21-946d-
a0d0a61a5e4a
SM_V9_6 iris    exon    12545042        12545247        .       -
        .       Parent=Smp_156740.1;Name=c7192bae-c14f-464c-a3e2-
b16aafb35e89
SM_V9_6 iris    exon    12546483        12546822        .       -
        .       Parent=Smp_156740.1;Name=a17732a0-1924-44ca-b119-
a1ea4f0fe00c
SM_V9_6 iris    exon    12546952        12547134        .       -
        .       Parent=Smp_156740.1;Name=397c89c3-4a2a-4bd6-a27d-
da5bfcb6173f
SM_V9_6 iris    exon    12547992        12548053        .       -
        .       Parent=Smp_156740.1;Name=a81967c1-
c7a1-407d-82a5-27eab2034501
SM_V9_6 iris    exon    12549791        12550142        .       -
        .       Parent=Smp_156740.1;Name=88d4768f-18c1-49e1-
a2fb-421db0473dfa
SM_V9_6 iris    exon    12552218        12552456        .       -
        .       Parent=Smp_156740.1;Name=0621336b-cd1e-4b4d-b2c1-
ace65ecbbe5d
SM_V9_6 iris    exon    12556803        12557041        .       -
        .       Parent=Smp_156740.1;Name=98c1e72d-f658-4389-
a7b7-26bc23c86efb
SM_V9_6 iris    exon    12561491        12561591        .       -
        .       Parent=Smp_156740.1;Name=913a7248-c246-4a23-
a453-2eb539c625b0
SM_V9_6 iris    exon    12562874        12562959        .       -
        .       Parent=Smp_156740.1;Name=f6ad976c-
e866-470e-86cf-16d0812ca55f
SM_V9_6 iris    exon    12565661        12565936        .       -
        .
Parent=Smp_156740.1;Name=18c5b7fb-67aa-417a-9c92-4abd85170ae8
SM_V9_6 iris    CDS     12537490        12537498        .       -
        0       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12540771        12540906        .       -
        1       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12541766        12541875        .       -
        0       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12543512        12543623        .       -
        1       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12545042        12545247        .       -
        0       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12546483        12546822        .       -
        1       Parent=Smp_156740.1
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SM_V9_6 iris    CDS     12546952        12547134        .       -
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SM_V9_6 iris    CDS     12547992        12548053        .       -
        0       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12549791        12550142        .       -
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SM_V9_6 iris    CDS     12552218        12552456        .       -
        0       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12556803        12557041        .       -
        2       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12561491        12561591        .       -
        1       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12562874        12562959        .       -
        0       Parent=Smp_156740.1
SM_V9_6 iris    CDS     12565661        12565837        .       -
        0       Parent=Smp_156740.1
SM_V9_6 iris    gene    12569301        12618316        .       -
        .
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SM_V9_6 iris    mRNA    12569301        12618316        .       -
        .
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ied=2022-07-18;Name=Smp_334770.1;product=Type II inositol 1,4,5-
trisphosphate 5-phosphatase;date_creation=2022-07-18
SM_V9_6 iris    exon    12569301        12570247        .       -
        .       Parent=Smp_334770.1;Name=2ad4f1b6-e47a-4d23-b4e7-
bcfa145634ed
SM_V9_6 iris    exon    12572123        12572234        .       -
        .       Parent=Smp_334770.1;Name=f3242057-
ccf9-4377-8af9-93dedb996971
SM_V9_6 iris    exon    12573650        12573783        .       -
        .       Parent=Smp_334770.1;Name=fbddc6a0-
c56b-48d8-8b5f-7ee7d51fadfd
SM_V9_6 iris    exon    12574073        12574160        .       -
        .       Parent=Smp_334770.1;Name=b9cc79ac-9637-43c3-a49e-
ebf4d7cbc6d4
SM_V9_6 iris    exon    12575407        12575538        .       -
        .       Parent=Smp_334770.1;Name=49ae09f6-2ce0-44c5-a066-
b84a964135d6
SM_V9_6 iris    exon    12576895        12577133        .       -
        .       Parent=Smp_334770.1;Name=6cb535b6-
eeea-410e-9723-090cbbe3bd67
SM_V9_6 iris    exon    12580499        12580769        .       -
        .
Parent=Smp_334770.1;Name=8c290f75-23d9-4245-88ca-68852812bd33
SM_V9_6 iris    exon    12583043        12583178        .       -
        .       Parent=Smp_334770.1;Name=910a1d00-acbb-4cb8-aa41-
df2b2e979a91
SM_V9_6 iris    exon    12586044        12586153        .       -
        .       Parent=Smp_334770.1;Name=75ac2154-730f-4b36-9a61-
dffd2422adfd
SM_V9_6 iris    exon    12587442        12587553        .       -
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        .       Parent=Smp_334770.1;Name=ff356c07-6425-49e6-
a7f9-4b067459975a
SM_V9_6 iris    exon    12589349        12589554        .       -
        .       Parent=Smp_334770.1;Name=5efa25ce-4225-4813-b6aa-
bc689634b65d
SM_V9_6 iris    exon    12590904        12591237        .       -
        .
Parent=Smp_334770.1;Name=6e2c0c3a-4afe-46af-8363-2b6220372999
SM_V9_6 iris    exon    12593141        12593365        .       -
        .       Parent=Smp_334770.1;Name=4c824552-a255-4300-80c4-
c28fbe989da2
SM_V9_6 iris    exon    12594846        12594928        .       -
        .       Parent=Smp_334770.1;Name=aea00fec-1db7-4347-b8f1-
aa95c238062e
SM_V9_6 iris    exon    12603067        12603640        .       -
        .       Parent=Smp_334770.1;Name=c0dc82e5-b282-4e23-
a885-1d070779b484
SM_V9_6 iris    exon    12606742        12606956        .       -
        .       Parent=Smp_334770.1;Name=39284624-0f44-4ea0-b8f2-
ea68e31cd3b9
SM_V9_6 iris    exon    12610322        12610572        .       -
        .       Parent=Smp_334770.1;Name=40d00f46-bc90-451e-
a102-7f5ab101433d
SM_V9_6 iris    exon    12614901        12615007        .       -
        .       Parent=Smp_334770.1;Name=6d51de9e-5ba1-47cc-
aba2-91f9937b17dd
SM_V9_6 iris    exon    12616482        12616567        .       -
        .       Parent=Smp_334770.1;Name=a87acf35-
cece-4d9b-9d67-850df1af08c7
SM_V9_6 iris    exon    12618151        12618316        .       -
        .       Parent=Smp_334770.1;Name=488eb8e1-0c86-44ce-
ad31-9d66dae3d7ab
SM_V9_6 iris    CDS     12570078        12570247        .       -
        2       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12572123        12572234        .       -
        0       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12573650        12573783        .       -
        2       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12574073        12574160        .       -
        0       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12575407        12575538        .       -
        0       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12576895        12577133        .       -
        2       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12580499        12580769        .       -
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SM_V9_6 iris    CDS     12583043        12583178        .       -
        1       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12586044        12586153        .       -
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SM_V9_6 iris    CDS     12587442        12587553        .       -
        1       Parent=Smp_334770.1
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        0       Parent=Smp_334770.1
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SM_V9_6 iris    CDS     12590904        12591237        .       -
        1       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12593141        12593365        .       -
        1       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12594846        12594928        .       -
        0       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12603067        12603640        .       -
        1       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12606742        12606956        .       -
        0       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12610322        12610572        .       -
        2       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12614901        12615007        .       -
        1       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12616482        12616567        .       -
        0       Parent=Smp_334770.1
SM_V9_6 iris    CDS     12618151        12618252        .       -
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SM_V9_6 iris    gene    12630530        12654875        .       +
        .
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SM_V9_6 iris    mRNA    12630530        12654875        .       +
        .
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protein;date_creation=2022-07-18
SM_V9_6 iris    exon    12630530        12630673        .       +
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b644-67270dd5354c
SM_V9_6 iris    exon    12632921        12633000        .       +
        .
Parent=Smp_156750.1;Name=908221ed-06ec-4fa5-81a5-7994ec3e39b3
SM_V9_6 iris    exon    12636683        12636830        .       +
        .       Parent=Smp_156750.1;Name=2348ad0c-d654-47b1-8056-
f2ee2886c2ad
SM_V9_6 iris    exon    12638343        12638921        .       +
        .       Parent=Smp_156750.1;Name=e65cb218-e638-4e17-8922-
ee9940f9a46b
SM_V9_6 iris    exon    12641298        12641605        .       +
        .       Parent=Smp_156750.1;Name=7bee1edc-d7bf-4c02-
a6ef-00d10d94c883
SM_V9_6 iris    exon    12643927        12644255        .       +
        .       Parent=Smp_156750.1;Name=6cb72040-
f429-497c-8bf0-89541e4f096d
SM_V9_6 iris    exon    12646438        12646811        .       +
        .       Parent=Smp_156750.1;Name=7db7d4fc-
ba22-45e9-9aa8-71f5a4dbff3d
SM_V9_6 iris    exon    12647838        12648244        .       +
        .       Parent=Smp_156750.1;Name=ce132724-cc63-4195-993b-
b15ed59aaa75
SM_V9_6 iris    exon    12651482        12651801        .       +
        .       Parent=Smp_156750.1;Name=5afce669-e2ef-4a4e-
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acd7-46b6712cc466
SM_V9_6 iris    exon    12652652        12652720        .       +
        .
Parent=Smp_156750.1;Name=92720cd1-561a-41f3-9521-8876238967d0
SM_V9_6 iris    exon    12654625        12654875        .       +
        .       Parent=Smp_156750.1;Name=dd32b301-0fcc-44d2-bc92-
e5d11b542f28
SM_V9_6 iris    CDS     12632937        12633000        .       +
        0       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12636683        12636830        .       +
        2       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12638343        12638921        .       +
        1       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12641298        12641605        .       +
        1       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12643927        12644255        .       +
        2       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12646438        12646811        .       +
        0       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12647838        12648244        .       +
        1       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12651482        12651801        .       +
        2       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12652652        12652720        .       +
        0       Parent=Smp_156750.1
SM_V9_6 iris    CDS     12654625        12654813        .       +
        0       Parent=Smp_156750.1
SM_V9_6 iris    gene    12665038        12777216        .       -
        .
ID=Smp_331550;geneID=Smp_331550;gene_name=Smp_331550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    12665038        12777216        .       -
        .
ID=Smp_331550.1;Parent=Smp_331550;geneID=Smp_331550;gene_name=Smp_33
1550;owner=irisadmin@local.host;orig_id=Smp_331550.1;date_last_modif
ied=2022-07-18;Name=Smp_331550.1;product=Peptide
deformylase;date_creation=2022-07-18
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SM_V9_6 iris    exon    12670706        12670885        .       -
        .       Parent=Smp_331550.1;Name=c7af737c-4c89-42b8-a475-
b2123ccd06c2
SM_V9_6 iris    exon    12776726        12777216        .       -
        .       Parent=Smp_331550.1;Name=ac92bdcf-7563-49fe-
acd3-46802d583f53
SM_V9_6 iris    CDS     12665115        12665399        .       -
        0       Parent=Smp_331550.1
SM_V9_6 iris    CDS     12670706        12670885        .       -
        0       Parent=Smp_331550.1
SM_V9_6 iris    CDS     12776726        12777055        .       -
        0       Parent=Smp_331550.1
SM_V9_6 iris    gene    12686151        12690938        .       +
        .
ID=Smp_344800;geneID=Smp_344800;gene_name=Smp_344800;owner=irisadmin
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    12686151        12690938        .       +
        .
ID=Smp_344800.1;Parent=Smp_344800;geneID=Smp_344800;gene_name=Smp_34
4800;owner=irisadmin@local.host;orig_id=Smp_344800.1;date_last_modif
ied=2022-07-18;Name=Smp_344800.1;product=Extracellular matrix
protein A;date_creation=2022-07-18
SM_V9_6 iris    exon    12686151        12690938        .       +
        .       Parent=Smp_344800.1;Name=a60f13cc-2558-492c-bd6c-
a7ab4cc49fd2
SM_V9_6 iris    CDS     12686234        12690079        .       +
        0       Parent=Smp_344800.1
SM_V9_6 iris    gene    12783071        12795986        .       -
        .
ID=Smp_064240;geneID=Smp_064240;gene_name=Smp_064240;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    12783071        12795986        .       -
        .
ID=Smp_064240.1;Parent=Smp_064240;geneID=Smp_064240;gene_name=Smp_06
4240;owner=irisadmin@local.host;orig_id=Smp_064240.1;date_last_modif
ied=2022-08-29;Name=Smp_064240.1;product=AP-1 complex subunit
mu-1;date_creation=2022-08-29
SM_V9_6 iris    exon    12783071        12783846        .       -
        .       Parent=Smp_064240.1;Name=3bedcba1-
f95b-4def-95d0-0a8a0b3dad31
SM_V9_6 iris    exon    12786385        12786672        .       -
        .       Parent=Smp_064240.1;Name=98f6d81f-9722-4a99-ad98-
f0ce6cf92b76
SM_V9_6 iris    exon    12793570        12793641        .       -
        .
Parent=Smp_064240.1;Name=b3e8eb4e-069c-4495-884e-0bea40be4486
SM_V9_6 iris    exon    12795010        12795152        .       -
        .       Parent=Smp_064240.1;Name=30f63377-e218-4e90-
a815-8632670e5f35
SM_V9_6 iris    exon    12795198        12795324        .       -
        .
Parent=Smp_064240.1;Name=a566d94a-6a60-428e-939e-6c6710aff95f
SM_V9_6 iris    exon    12795359        12795634        .       -
        .
Parent=Smp_064240.1;Name=528ba56e-7706-4466-8d93-31a7253941d7
SM_V9_6 iris    exon    12795665        12795986        .       -
        .       Parent=Smp_064240.1;Name=4320a122-7dbd-4693-
acca-0eef178c0d99
SM_V9_6 iris    CDS     12783748        12783846        .       -
        0       Parent=Smp_064240.1
SM_V9_6 iris    CDS     12786385        12786672        .       -
        0       Parent=Smp_064240.1
SM_V9_6 iris    CDS     12793570        12793641        .       -
        0       Parent=Smp_064240.1
SM_V9_6 iris    CDS     12795010        12795152        .       -
        2       Parent=Smp_064240.1
SM_V9_6 iris    CDS     12795198        12795324        .       -
        0       Parent=Smp_064240.1
SM_V9_6 iris    CDS     12795359        12795634        .       -
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        0       Parent=Smp_064240.1
SM_V9_6 iris    CDS     12795665        12795931        .       -
        0       Parent=Smp_064240.1
SM_V9_6 iris    gene    12807584        12816046        .       -
        .
ID=Smp_064250;geneID=Smp_064250;gene_name=Smp_064250;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    12807584        12816046        .       -
        .
ID=Smp_064250.1;Parent=Smp_064250;geneID=Smp_064250;gene_name=Smp_06
4250;owner=irisadmin@local.host;orig_id=Smp_064250.1;date_last_modif
ied=2022-07-18;Name=Smp_064250.1;product=Transcription factor
20;date_creation=2022-07-18
SM_V9_6 iris    exon    12807584        12808736        .       -
        .
Parent=Smp_064250.1;Name=efc48068-7f88-4af6-9d29-4e5eef8c7012
SM_V9_6 iris    exon    12810819        12810912        .       -
        .
Parent=Smp_064250.1;Name=66ced68b-1d4a-4227-9ca8-55259cf814c1
SM_V9_6 iris    exon    12812107        12812702        .       -
        .
Parent=Smp_064250.1;Name=96ec69c3-143a-485f-9931-77d24cf0cb2a
SM_V9_6 iris    exon    12812794        12813203        .       -
        .       Parent=Smp_064250.1;Name=6ba43c51-0159-4171-abd1-
d55d7f965c07
SM_V9_6 iris    exon    12813884        12815153        .       -
        .       Parent=Smp_064250.1;Name=a852a852-
b188-416e-9e3b-92930c357383
SM_V9_6 iris    exon    12815900        12816046        .       -
        .       Parent=Smp_064250.1;Name=9741c847-b67e-4a84-b68d-
a26f855de604
SM_V9_6 iris    CDS     12808675        12808736        .       -
        2       Parent=Smp_064250.1
SM_V9_6 iris    CDS     12810819        12810912        .       -
        0       Parent=Smp_064250.1
SM_V9_6 iris    CDS     12812107        12812702        .       -
        2       Parent=Smp_064250.1
SM_V9_6 iris    CDS     12812794        12813203        .       -
        1       Parent=Smp_064250.1
SM_V9_6 iris    CDS     12813884        12814965        .       -
        0       Parent=Smp_064250.1
SM_V9_6 Liftoff gene    12826820        12829789        .       +
        .
ID=Smp_267040;geneID=Smp_267040;previous_systematic_id=Smp_064260,Sm
p_097250
SM_V9_6 Liftoff mRNA    12826820        12829789        .       +
        .
ID=Smp_267040.1;Parent=Smp_267040;geneID=Smp_267040;product=Exosome
complex component
RRP4;polypeptide_domain=InterPro:IPR004088,IPR012340
Pfam:PF15985;Ontology_term=GO:0003723
SM_V9_6 Liftoff exon    12826820        12827304        .       +
        .       Parent=Smp_267040.1
SM_V9_6 Liftoff exon    12828238        12828375        .       +
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        .       Parent=Smp_267040.1
SM_V9_6 Liftoff exon    12829108        12829789        .       +
        .       Parent=Smp_267040.1
SM_V9_6 Liftoff CDS     12826924        12827304        .       +
        0       Parent=Smp_267040.1
SM_V9_6 Liftoff CDS     12828238        12828375        .       +
        0       Parent=Smp_267040.1
SM_V9_6 Liftoff CDS     12829108        12829737        .       +
        0       Parent=Smp_267040.1
SM_V9_6 Liftoff gene    12840275        12845127        .       -
        .       ID=Smp_331560;geneID=Smp_331560
SM_V9_6 Liftoff mRNA    12840275        12845127        .       -
        .
ID=Smp_331560.1;Parent=Smp_331560;geneID=Smp_331560;product=Uncharac
terized protein SJCHGC09803;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_6 Liftoff exon    12840275        12840598        .       -
        .       Parent=Smp_331560.1
SM_V9_6 Liftoff exon    12845041        12845127        .       -
        .       Parent=Smp_331560.1
SM_V9_6 Liftoff CDS     12840462        12840598        .       -
        2       Parent=Smp_331560.1
SM_V9_6 Liftoff CDS     12845041        12845098        .       -
        0       Parent=Smp_331560.1
SM_V9_6 iris    gene    12855162        12860948        .       -
        .
ID=Smp_156780;geneID=Smp_156780;gene_name=Smp_156780;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    12855162        12860948        .       -
        .
ID=Smp_156780.1;Parent=Smp_156780;geneID=Smp_156780;gene_name=Smp_15
6780;owner=irisadmin@local.host;orig_id=Smp_156780.1;date_last_modif
ied=2022-07-18;Name=Smp_156780.1;product=Ribosome biogenesis protein
BRX1 homolog;date_creation=2022-07-18
SM_V9_6 iris    exon    12855162        12855467        .       -
        .
Parent=Smp_156780.1;Name=b402daf8-7921-46eb-8927-4ff3ff72c28c
SM_V9_6 iris    exon    12858022        12858116        .       -
        .       Parent=Smp_156780.1;Name=68258b63-e25f-4033-af43-
f7e885f16746
SM_V9_6 iris    exon    12859670        12859713        .       -
        .
Parent=Smp_156780.1;Name=883d6850-9e30-4694-97a7-7c3f31614d01
SM_V9_6 iris    exon    12859747        12860030        .       -
        .       Parent=Smp_156780.1;Name=b58af73b-73eb-4041-
b00a-4bacd8b601c9
SM_V9_6 iris    exon    12860478        12860710        .       -
        .       Parent=Smp_156780.1;Name=0f035c59-2569-4c4c-bad2-
a96951aca8a4
SM_V9_6 iris    exon    12860744        12860797        .       -
        .       Parent=Smp_156780.1;Name=7133fb85-cd4a-4631-89df-
d8a554171cbb
SM_V9_6 iris    exon    12860837        12860948        .       -
        .       Parent=Smp_156780.1;Name=56504089-b5b5-47b3-ba61-
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cb2dc7e0915b
SM_V9_6 iris    CDS     12855333        12855467        .       -
        0       Parent=Smp_156780.1
SM_V9_6 iris    CDS     12858022        12858116        .       -
        2       Parent=Smp_156780.1
SM_V9_6 iris    CDS     12859670        12859713        .       -
        1       Parent=Smp_156780.1
SM_V9_6 iris    CDS     12859747        12860030        .       -
        0       Parent=Smp_156780.1
SM_V9_6 iris    CDS     12860478        12860710        .       -
        2       Parent=Smp_156780.1
SM_V9_6 iris    CDS     12860744        12860797        .       -
        2       Parent=Smp_156780.1
SM_V9_6 iris    CDS     12860837        12860867        .       -
        0       Parent=Smp_156780.1
SM_V9_6 Liftoff gene    12866744        12923051        .       +
        .
ID=Smp_344810;geneID=Smp_344810;previous_systematic_id=Smp_156790
SM_V9_6 Liftoff mRNA    12866744        12923051        .       +
        .
ID=Smp_344810.1;Parent=Smp_344810;geneID=Smp_344810;product=tRNA
dimethylallyltransferase
SM_V9_6 Liftoff exon    12866744        12866833        .       +
        .       Parent=Smp_344810.1
SM_V9_6 Liftoff exon    12891204        12891319        .       +
        .       Parent=Smp_344810.1
SM_V9_6 Liftoff exon    12921473        12923051        .       +
        .       Parent=Smp_344810.1
SM_V9_6 Liftoff CDS     12866776        12866833        .       +
        0       Parent=Smp_344810.1
SM_V9_6 Liftoff CDS     12891204        12891319        .       +
        2       Parent=Smp_344810.1
SM_V9_6 Liftoff CDS     12921473        12922009        .       +
        0       Parent=Smp_344810.1
SM_V9_6 Liftoff gene    12980554        12999688        .       +
        .       ID=Smp_064280;geneID=Smp_064280
SM_V9_6 Liftoff mRNA    12980554        12999688        .       +
        .
ID=Smp_064280.1;Parent=Smp_064280;geneID=Smp_064280;product=Coiled-
coil domain-containing protein 51
SM_V9_6 Liftoff exon    12980554        12987838        .       +
        .       Parent=Smp_064280.1
SM_V9_6 Liftoff exon    12988343        12988498        .       +
        .       Parent=Smp_064280.1
SM_V9_6 Liftoff exon    12991289        12991546        .       +
        .       Parent=Smp_064280.1
SM_V9_6 Liftoff exon    12993510        12993566        .       +
        .       Parent=Smp_064280.1
SM_V9_6 Liftoff exon    12995250        12995303        .       +
        .       Parent=Smp_064280.1
SM_V9_6 Liftoff exon    12997661        12997714        .       +
        .       Parent=Smp_064280.1
SM_V9_6 Liftoff exon    12999500        12999688        .       +
        .       Parent=Smp_064280.1
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SM_V9_6 Liftoff CDS     12987656        12987838        .       +
        0       Parent=Smp_064280.1
SM_V9_6 Liftoff CDS     12988343        12988498        .       +
        0       Parent=Smp_064280.1
SM_V9_6 Liftoff CDS     12991289        12991546        .       +
        0       Parent=Smp_064280.1
SM_V9_6 Liftoff CDS     12993510        12993566        .       +
        0       Parent=Smp_064280.1
SM_V9_6 Liftoff CDS     12995250        12995303        .       +
        0       Parent=Smp_064280.1
SM_V9_6 Liftoff CDS     12997661        12997714        .       +
        0       Parent=Smp_064280.1
SM_V9_6 Liftoff CDS     12999500        12999646        .       +
        0       Parent=Smp_064280.1
SM_V9_6 iris    gene    13002873        13153747        .       -
        .
ID=Smp_334780;geneID=Smp_334780;gene_name=Smp_334780;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    13002873        13153747        .       -
        .
ID=Smp_334780.1;Parent=Smp_334780;geneID=Smp_334780;gene_name=Smp_33
4780;owner=irisadmin@local.host;orig_id=Smp_334780.1;date_last_modif
ied=2022-08-15;Name=Smp_334780.1;product=Hypothetical
protein;date_creation=2022-08-15
SM_V9_6 iris    exon    13002873        13003729        .       -
        .       Parent=Smp_334780.1;Name=32d65705-d379-4ed5-
a9fb-32d9409dd95e
SM_V9_6 iris    exon    13008111        13009526        .       -
        .       Parent=Smp_334780.1;Name=ed0fcddd-4fc7-4c99-ab29-
c690f66ae6cf
SM_V9_6 iris    exon    13011669        13011813        .       -
        .
Parent=Smp_334780.1;Name=382c4d07-3798-494a-86e9-15bf47dc45b2
SM_V9_6 iris    exon    13023213        13023633        .       -
        .       Parent=Smp_334780.1;Name=ba9b0f04-
ba07-48a3-96a0-95d16ce3b574
SM_V9_6 iris    exon    13026375        13026477        .       -
        .
Parent=Smp_334780.1;Name=0247b43e-9c65-43bf-9a64-50fa194da255
SM_V9_6 iris    exon    13032771        13032925        .       -
        .
Parent=Smp_334780.1;Name=2ccbabd1-42fd-4606-83ff-337322d0d672
SM_V9_6 iris    exon    13049252        13049391        .       -
        .       Parent=Smp_334780.1;Name=51fbdb87-
c357-455d-8c76-6a04d08082d0
SM_V9_6 iris    exon    13054157        13054476        .       -
        .
Parent=Smp_334780.1;Name=1ad36dac-36a2-4a58-9709-316c31378530
SM_V9_6 iris    exon    13057135        13057437        .       -
        .       Parent=Smp_334780.1;Name=f13b9f07-8e48-4e55-a873-
ca082d4e57a2
SM_V9_6 iris    exon    13060288        13060449        .       -
        .       Parent=Smp_334780.1;Name=5c149251-
ff83-4520-82ef-672780b97760
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SM_V9_6 iris    exon    13065254        13065465        .       -
        .
Parent=Smp_334780.1;Name=de8a2219-6918-4278-94e9-5ec1248f8ab9
SM_V9_6 iris    exon    13066036        13066243        .       -
        .
Parent=Smp_334780.1;Name=296f8a5c-4947-4486-8ed2-4f098ff2389c
SM_V9_6 iris    exon    13071744        13071872        .       -
        .
Parent=Smp_334780.1;Name=1f004015-431a-414b-9e37-4db9b9739148
SM_V9_6 iris    exon    13077071        13077208        .       -
        .       Parent=Smp_334780.1;Name=3e344138-52af-441d-8951-
aa87376ffc8d
SM_V9_6 iris    exon    13153477        13153747        .       -
        .       Parent=Smp_334780.1;Name=d47445a8-4421-443c-8595-
c1d58f9392bd
SM_V9_6 iris    CDS     13008133        13009526        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13011669        13011813        .       -
        0       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13023213        13023633        .       -
        1       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13026375        13026477        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13032771        13032925        .       -
        1       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13049252        13049391        .       -
        0       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13054157        13054476        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13057135        13057437        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13060288        13060449        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13065254        13065465        .       -
        1       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13066036        13066243        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13071744        13071872        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13077071        13077208        .       -
        2       Parent=Smp_334780.1
SM_V9_6 iris    CDS     13153477        13153636        .       -
        0       Parent=Smp_334780.1
SM_V9_6 iris    gene    13193629        13221411        .       -
        .
ID=Smp_334790;geneID=Smp_334790;gene_name=Smp_334790;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    13193629        13221411        .       -
        .
ID=Smp_334790.1;Parent=Smp_334790;geneID=Smp_334790;gene_name=Smp_33
4790;owner=irisadmin@local.host;orig_id=Smp_334790.1;date_last_modif
ied=2022-08-15;Name=Smp_334790.1;product=Coiled-coil domain-
containing protein 33;date_creation=2022-08-15
SM_V9_6 iris    exon    13193629        13193861        .       -
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        .       Parent=Smp_334790.1;Name=c8c33a02-
ac63-473b-809c-2ec6e6e50dd7
SM_V9_6 iris    exon    13199252        13199382        .       -
        .       Parent=Smp_334790.1;Name=78563f2e-14a0-419e-
b7b0-45ee7f8fe649
SM_V9_6 iris    exon    13203023        13203124        .       -
        .       Parent=Smp_334790.1;Name=ed171d26-
b7bb-4379-9dc3-9ce320ef538f
SM_V9_6 iris    exon    13205130        13205257        .       -
        .       Parent=Smp_334790.1;Name=29d97b68-6c1a-4ed0-
bbae-95ae864ac4cf
SM_V9_6 iris    exon    13205923        13206225        .       -
        .       Parent=Smp_334790.1;Name=cb7d7b6b-a40d-47ab-8d21-
e9a388a7158c
SM_V9_6 iris    exon    13206946        13207087        .       -
        .       Parent=Smp_334790.1;Name=7d41263d-4051-488b-
bf01-57f522639b33
SM_V9_6 iris    exon    13208974        13209092        .       -
        .       Parent=Smp_334790.1;Name=c5bd5b48-1ea8-44fa-
ab51-0e9279835fab
SM_V9_6 iris    exon    13211894        13212143        .       -
        .       Parent=Smp_334790.1;Name=0eddeb39-fd79-467b-
a0cb-0f15719f1ad2
SM_V9_6 iris    exon    13214501        13214731        .       -
        .       Parent=Smp_334790.1;Name=b3d6ccd1-7dd3-4f35-bd84-
e6fa32e752a2
SM_V9_6 iris    exon    13221344        13221411        .       -
        .       Parent=Smp_334790.1;Name=4db374d6-
c386-49cc-825a-00e25a3899d0
SM_V9_6 iris    CDS     13199302        13199382        .       -
        0       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13203023        13203124        .       -
        0       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13205130        13205257        .       -
        2       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13205923        13206225        .       -
        2       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13206946        13207087        .       -
        0       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13208974        13209092        .       -
        2       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13211894        13212143        .       -
        0       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13214501        13214731        .       -
        0       Parent=Smp_334790.1
SM_V9_6 iris    CDS     13221344        13221379        .       -
        0       Parent=Smp_334790.1
SM_V9_6 Liftoff gene    13225956        13256606        .       +
        .
ID=Smp_340130;geneID=Smp_340130;previous_systematic_id=Smp_005350
SM_V9_6 Liftoff mRNA    13225956        13256606        .       +
        .
ID=Smp_340130.1;Parent=Smp_340130;geneID=Smp_340130;product=20 kDa
calcium-binding protein;evidence=Traceable Author
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Statement;literature=PMID:2325706;polypeptide_domain=InterPro:IPR002
048,IPR011992,IPR018247 Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_6 Liftoff exon    13225956        13245933        .       +
        .       Parent=Smp_340130.1
SM_V9_6 Liftoff exon    13248236        13248281        .       +
        .       Parent=Smp_340130.1
SM_V9_6 Liftoff exon    13249566        13249709        .       +
        .       Parent=Smp_340130.1
SM_V9_6 Liftoff exon    13252748        13252889        .       +
        .       Parent=Smp_340130.1
SM_V9_6 Liftoff exon    13253401        13253501        .       +
        .       Parent=Smp_340130.1
SM_V9_6 Liftoff exon    13256087        13256606        .       +
        .       Parent=Smp_340130.1
SM_V9_6 Liftoff CDS     13244884        13245933        .       +
        0       Parent=Smp_340130.1
SM_V9_6 Liftoff CDS     13248236        13248281        .       +
        0       Parent=Smp_340130.1
SM_V9_6 Liftoff CDS     13249566        13249709        .       +
        2       Parent=Smp_340130.1
SM_V9_6 Liftoff CDS     13252748        13252889        .       +
        2       Parent=Smp_340130.1
SM_V9_6 Liftoff CDS     13253401        13253501        .       +
        1       Parent=Smp_340130.1
SM_V9_6 Liftoff CDS     13256087        13256115        .       +
        2       Parent=Smp_340130.1
SM_V9_6 Liftoff mRNA    13245409        13256606        .       +
        .
ID=Smp_340130.2;Parent=Smp_340130;geneID=Smp_340130;product=20 kDa
calcium-binding protein;evidence=Traceable Author
Statement;literature=PMID:2325706;polypeptide_domain=InterPro:IPR002
048,IPR011992,IPR018247 Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_6 Liftoff exon    13245409        13245933        .       +
        .       Parent=Smp_340130.2
SM_V9_6 Liftoff exon    13248236        13248281        .       +
        .       Parent=Smp_340130.2
SM_V9_6 Liftoff exon    13249566        13249709        .       +
        .       Parent=Smp_340130.2
SM_V9_6 Liftoff exon    13252748        13252889        .       +
        .       Parent=Smp_340130.2
SM_V9_6 Liftoff exon    13253401        13253501        .       +
        .       Parent=Smp_340130.2
SM_V9_6 Liftoff exon    13256087        13256606        .       +
        .       Parent=Smp_340130.2
SM_V9_6 Liftoff CDS     13245415        13245933        .       +
        0       Parent=Smp_340130.2
SM_V9_6 Liftoff CDS     13248236        13248281        .       +
        0       Parent=Smp_340130.2
SM_V9_6 Liftoff CDS     13249566        13249709        .       +
        2       Parent=Smp_340130.2
SM_V9_6 Liftoff CDS     13252748        13252889        .       +
        2       Parent=Smp_340130.2
SM_V9_6 Liftoff CDS     13253401        13253501        .       +
        1       Parent=Smp_340130.2
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SM_V9_6 Liftoff CDS     13256087        13256115        .       +
        2       Parent=Smp_340130.2
SM_V9_6 iris    gene    13324385        13349263        .       +
        .
ID=Smp_005330;geneID=Smp_005330;gene_name=Smp_005330;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13324385        13349263        .       +
        .
ID=Smp_005330.1;Parent=Smp_005330;geneID=Smp_005330;gene_name=Smp_00
5330;owner=irisadmin@local.host;orig_id=Smp_005330.2;date_last_modif
ied=2022-07-18;Name=Smp_005330.1;product=Methionine--tRNA ligase,
mitochondrial;date_creation=2022-07-18
SM_V9_6 iris    exon    13324385        13324692        .       +
        .
Parent=Smp_005330.1;Name=4d54229e-5969-40d4-8ae5-8fa9f1f1b6b3
SM_V9_6 iris    exon    13325986        13326052        .       +
        .
Parent=Smp_005330.1;Name=2bb7f7b8-2ce8-4b25-8693-7bf18080f0ef
SM_V9_6 iris    exon    13326271        13326382        .       +
        .       Parent=Smp_005330.1;Name=f839e443-96c7-48ac-aa93-
f7cbd04c2159
SM_V9_6 iris    exon    13329892        13330082        .       +
        .       Parent=Smp_005330.1;Name=6d56f92e-0486-443c-9085-
a326c8c42f64
SM_V9_6 iris    exon    13331813        13331884        .       +
        .       Parent=Smp_005330.1;Name=0744ccda-
ae84-40bb-8b9e-81d435d3e146
SM_V9_6 iris    exon    13334163        13334249        .       +
        .       Parent=Smp_005330.1;Name=1e8f2ead-9720-4196-83f7-
ab4595684fd0
SM_V9_6 iris    exon    13334606        13334831        .       +
        .       Parent=Smp_005330.1;Name=6b16eea8-3fc8-4113-
b46c-99438e8fedef
SM_V9_6 iris    exon    13335561        13335700        .       +
        .       Parent=Smp_005330.1;Name=2015ceac-f3cf-4745-
a920-1bb977076983
SM_V9_6 iris    exon    13336381        13336514        .       +
        .       Parent=Smp_005330.1;Name=27c70a37-415b-46fe-
a87a-60ea2a49e23d
SM_V9_6 iris    exon    13341310        13341409        .       +
        .       Parent=Smp_005330.1;Name=cf0d53cb-30e9-4094-
b9f4-4edc28b47eaf
SM_V9_6 iris    exon    13345172        13345395        .       +
        .       Parent=Smp_005330.1;Name=8d8d0887-4f88-4fee-85bb-
cfe8473110f5
SM_V9_6 iris    exon    13347384        13347491        .       +
        .
Parent=Smp_005330.1;Name=9b988879-037b-4cb2-8ec9-098e729ff953
SM_V9_6 iris    exon    13348786        13349263        .       +
        .       Parent=Smp_005330.1;Name=2c4b5f1a-80a9-4a3b-9744-
f23225de6322
SM_V9_6 iris    CDS     13326044        13326052        .       +
        0       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13326271        13326382        .       +
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        0       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13329892        13330082        .       +
        2       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13331813        13331884        .       +
        0       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13334163        13334249        .       +
        0       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13334606        13334831        .       +
        0       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13335561        13335700        .       +
        2       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13336381        13336514        .       +
        0       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13341310        13341409        .       +
        1       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13345172        13345395        .       +
        0       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13347384        13347491        .       +
        1       Parent=Smp_005330.1
SM_V9_6 iris    CDS     13348786        13349140        .       +
        1       Parent=Smp_005330.1
SM_V9_6 Liftoff gene    13351373        13355161        .       -
        .       ID=Smp_005320;geneID=Smp_005320
SM_V9_6 Liftoff mRNA    13351373        13355161        .       -
        .
ID=Smp_005320.1;Parent=Smp_005320;geneID=Smp_005320;product=ATP-
dependent 6-phosphofructokinase
SM_V9_6 Liftoff exon    13351373        13355161        .       -
        .       Parent=Smp_005320.1
SM_V9_6 Liftoff CDS     13351622        13351930        .       -
        0       Parent=Smp_005320.1
SM_V9_6 Liftoff gene    13365107        13371154        .       -
        .       ID=Smp_331570;geneID=Smp_331570
SM_V9_6 Liftoff mRNA    13365107        13371138        .       -
        .
ID=Smp_331570.1;Parent=Smp_331570;geneID=Smp_331570;product=GTP-
binding nuclear protein Ran
SM_V9_6 Liftoff exon    13365107        13371138        .       -
        .       Parent=Smp_331570.1
SM_V9_6 Liftoff CDS     13365169        13365402        .       -
        0       Parent=Smp_331570.1
SM_V9_6 Liftoff mRNA    13365115        13371154        .       -
        .
ID=Smp_331570.2;Parent=Smp_331570;geneID=Smp_331570;product=GTP-
binding nuclear protein Ran
SM_V9_6 Liftoff exon    13365115        13371154        .       -
        .       Parent=Smp_331570.2
SM_V9_6 Liftoff CDS     13365169        13365402        .       -
        0       Parent=Smp_331570.2
SM_V9_6 Liftoff gene    13382315        13386503        .       +
        .       ID=Smp_331580;geneID=Smp_331580
SM_V9_6 Liftoff mRNA    13382315        13386503        .       +
        .
ID=Smp_331580.1;Parent=Smp_331580;geneID=Smp_331580;product=Chaperon
```

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e protein HtpG
SM_V9_6 Liftoff exon    13382315        13382450        .       +
        .       Parent=Smp_331580.1
SM_V9_6 Liftoff exon    13383333        13383364        .       +
        .       Parent=Smp_331580.1
SM_V9_6 Liftoff exon    13384009        13384076        .       +
        .       Parent=Smp_331580.1
SM_V9_6 Liftoff exon    13385992        13386503        .       +
        .       Parent=Smp_331580.1
SM_V9_6 Liftoff CDS     13382378        13382450        .       +
        0       Parent=Smp_331580.1
SM_V9_6 Liftoff CDS     13383333        13383364        .       +
        2       Parent=Smp_331580.1
SM_V9_6 Liftoff CDS     13384009        13384076        .       +
        0       Parent=Smp_331580.1
SM_V9_6 Liftoff CDS     13385992        13386067        .       +
        1       Parent=Smp_331580.1
SM_V9_6 iris    gene    13389199        13402884        .       -
        .
ID=Smp_342100;geneID=Smp_342100;gene_name=Smp_342100;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13389199        13402884        .       -
        .
ID=Smp_342100.1;Parent=Smp_342100;geneID=Smp_342100;gene_name=Smp_34
2100;owner=irisadmin@local.host;orig_id=Smp_342100.1;date_last_modif
ied=2022-07-18;Name=Smp_342100.1;product=SET and MYND domain-
containing protein 4;date_creation=2022-07-18
SM_V9_6 iris    exon    13389199        13389557        .       -
        .       Parent=Smp_342100.1;Name=e9b4bd54-a000-48f0-b865-
f2c4393107e6
SM_V9_6 iris    exon    13391403        13391670        .       -
        .       Parent=Smp_342100.1;Name=f59e33f8-5c9c-4657-89b0-
e68a42b55514
SM_V9_6 iris    exon    13396004        13396532        .       -
        .
Parent=Smp_342100.1;Name=507f70e2-27e8-4bf2-94d3-00634d610041
SM_V9_6 iris    exon    13398717        13399111        .       -
        .       Parent=Smp_342100.1;Name=44885bce-d919-4abd-
a4d6-7933ad340f6f
SM_V9_6 iris    exon    13400446        13400893        .       -
        .
Parent=Smp_342100.1;Name=63dc8fd2-1170-428b-9f96-485c8757d965
SM_V9_6 iris    exon    13402498        13402884        .       -
        .       Parent=Smp_342100.1;Name=10e0cadf-4d72-4d20-
bd07-5be667878457
SM_V9_6 iris    CDS     13389499        13389557        .       -
        2       Parent=Smp_342100.1
SM_V9_6 iris    CDS     13391403        13391670        .       -
        0       Parent=Smp_342100.1
SM_V9_6 iris    CDS     13396004        13396532        .       -
        1       Parent=Smp_342100.1
SM_V9_6 iris    CDS     13398717        13399111        .       -
        0       Parent=Smp_342100.1
SM_V9_6 iris    CDS     13400446        13400893        .       -
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        1       Parent=Smp_342100.1
SM_V9_6 iris    CDS     13402498        13402859        .       -
        0       Parent=Smp_342100.1
SM_V9_6 iris    gene    13409283        13415851        .       -
        .
ID=Smp_124940;geneID=Smp_124940;gene_name=Smp_124940;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13409283        13415851        .       -
        .
ID=Smp_124940.1;Parent=Smp_124940;geneID=Smp_124940;gene_name=Smp_12
4940;owner=irisadmin@local.host;orig_id=Smp_124940.2;date_last_modif
ied=2022-07-18;Name=Smp_124940.1;product=Ferredoxin-2,
mitochondrial;date_creation=2022-07-18
SM_V9_6 iris    exon    13409283        13409472        .       -
        .       Parent=Smp_124940.1;Name=05aa6bcb-2bf4-4f5e-
b3ca-076297302630
SM_V9_6 iris    exon    13412547        13412794        .       -
        .
Parent=Smp_124940.1;Name=54d7f563-1464-492d-971d-2523c4ce56b4
SM_V9_6 iris    exon    13412834        13412876        .       -
        .       Parent=Smp_124940.1;Name=351db1b3-1d8f-4cb9-9d7d-
fad5e8a5ca27
SM_V9_6 iris    exon    13412909        13413071        .       -
        .       Parent=Smp_124940.1;Name=c2967eea-b70b-49c1-
b252-5e84038a6719
SM_V9_6 iris    exon    13415793        13415851        .       -
        .       Parent=Smp_124940.1;Name=b2a95ba2-c020-4c57-bff8-
c214c79b30e3
SM_V9_6 iris    CDS     13409369        13409472        .       -
        2       Parent=Smp_124940.1
SM_V9_6 iris    CDS     13412547        13412794        .       -
        1       Parent=Smp_124940.1
SM_V9_6 iris    CDS     13412834        13412876        .       -
        2       Parent=Smp_124940.1
SM_V9_6 iris    CDS     13412909        13412990        .       -
        0       Parent=Smp_124940.1
SM_V9_6 iris    gene    13427138        13442966        .       +
        .
ID=Smp_005290;geneID=Smp_005290;gene_name=Smp_005290;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13427138        13442966        .       +
        .
ID=Smp_005290.1;Parent=Smp_005290;geneID=Smp_005290;gene_name=Smp_00
5290;owner=irisadmin@local.host;orig_id=Smp_005290.1;date_last_modif
ied=2022-07-18;Name=Smp_005290.1;product=Cytochrome c1, heme
protein, mitochondrial;date_creation=2022-07-18
SM_V9_6 iris    exon    13427138        13427203        .       +
        .       Parent=Smp_005290.1;Name=5b116f20-
aa7d-425d-885a-0ade9ed2a63b
SM_V9_6 iris    exon    13432525        13432833        .       +
        .       Parent=Smp_005290.1;Name=7714908b-aee7-4cb6-91af-
c08804f039dd
SM_V9_6 iris    exon    13436591        13436786        .       +
        .       Parent=Smp_005290.1;Name=8ba4fc6c-9938-47f3-a7e9-
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e715ee86df6f
SM_V9_6 iris    exon    13440740        13440963        .       +
        .
Parent=Smp_005290.1;Name=6a4b0955-9ea6-4fbb-941d-0ba9b4ec391a
SM_V9_6 iris    exon    13442560        13442966        .       +
        .       Parent=Smp_005290.1;Name=0daa924b-80c6-4b77-
bcbd-7daf4d2e8b7a
SM_V9_6 iris    CDS     13427162        13427203        .       +
        0       Parent=Smp_005290.1
SM_V9_6 iris    CDS     13432525        13432833        .       +
        0       Parent=Smp_005290.1
SM_V9_6 iris    CDS     13436591        13436786        .       +
        0       Parent=Smp_005290.1
SM_V9_6 iris    CDS     13440740        13440963        .       +
        2       Parent=Smp_005290.1
SM_V9_6 iris    CDS     13442560        13442679        .       +
        0       Parent=Smp_005290.1
SM_V9_6 Liftoff gene    13453845        13472234        .       +
        .       ID=Smp_005280;geneID=Smp_005280
SM_V9_6 Liftoff mRNA    13453845        13472234        .       +
        .
ID=Smp_005280.1;Parent=Smp_005280;geneID=Smp_005280;product=Ubiquiti
n carboxyl-terminal hydrolase 10-
A;polypeptide_domain=InterPro:IPR001394,IPR018200,IPR028889
Pfam:PF00443;Ontology_term=GO:0006511,GO:0016579,GO:0036459
SM_V9_6 Liftoff exon    13453845        13454743        .       +
        .       Parent=Smp_005280.1
SM_V9_6 Liftoff exon    13461594        13461816        .       +
        .       Parent=Smp_005280.1
SM_V9_6 Liftoff exon    13463626        13463917        .       +
        .       Parent=Smp_005280.1
SM_V9_6 Liftoff exon    13465706        13465870        .       +
        .       Parent=Smp_005280.1
SM_V9_6 Liftoff exon    13466835        13467023        .       +
        .       Parent=Smp_005280.1
SM_V9_6 Liftoff exon    13469372        13469666        .       +
        .       Parent=Smp_005280.1
SM_V9_6 Liftoff exon    13471289        13472234        .       +
        .       Parent=Smp_005280.1
SM_V9_6 Liftoff CDS     13454545        13454743        .       +
        0       Parent=Smp_005280.1
SM_V9_6 Liftoff CDS     13461594        13461816        .       +
        2       Parent=Smp_005280.1
SM_V9_6 Liftoff CDS     13463626        13463917        .       +
        1       Parent=Smp_005280.1
SM_V9_6 Liftoff CDS     13465706        13465870        .       +
        0       Parent=Smp_005280.1
SM_V9_6 Liftoff CDS     13466835        13467023        .       +
        0       Parent=Smp_005280.1
SM_V9_6 Liftoff CDS     13469372        13469666        .       +
        0       Parent=Smp_005280.1
SM_V9_6 Liftoff CDS     13471289        13471719        .       +
        2       Parent=Smp_005280.1
SM_V9_6 Liftoff gene    13485935        13603369        .       +
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        .
ID=Smp_342090;geneID=Smp_342090;previous_systematic_id=Smp_124930
SM_V9_6 Liftoff mRNA    13485935        13603369        .       +
        .
ID=Smp_342090.1;Parent=Smp_342090;geneID=Smp_342090;product=Neuropil
in and tolloid-like protein 1;polypeptide_domain=InterPro:IPR000859
Pfam:PF00431
SM_V9_6 Liftoff exon    13485935        13544744        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13562467        13563006        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13577562        13577822        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13581625        13581651        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13583252        13583418        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13585331        13585700        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13589140        13589538        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13593018        13594091        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13597343        13597674        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13599205        13600327        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff exon    13603003        13603369        .       +
        .       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13544663        13544744        .       +
        0       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13562467        13563006        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13577562        13577822        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13581625        13581651        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13583252        13583418        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13585331        13585700        .       +
        0       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13589140        13589538        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13593018        13594091        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13597343        13597674        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13599205        13600327        .       +
        0       Parent=Smp_342090.1
SM_V9_6 Liftoff CDS     13603003        13603199        .       +
        2       Parent=Smp_342090.1
SM_V9_6 Liftoff gene    13603359        13607267        .       -
        .       ID=Smp_005260;geneID=Smp_005260
SM_V9_6 Liftoff mRNA    13603359        13607235        .       -
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        .
ID=Smp_005260.2;Parent=Smp_005260;geneID=Smp_005260;product=Aly/REF
export factor 2;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    13603359        13606865        .       -
        .       Parent=Smp_005260.2
SM_V9_6 Liftoff exon    13606897        13607037        .       -
        .       Parent=Smp_005260.2
SM_V9_6 Liftoff exon    13607070        13607235        .       -
        .       Parent=Smp_005260.2
SM_V9_6 Liftoff CDS     13606680        13606865        .       -
        0       Parent=Smp_005260.2
SM_V9_6 Liftoff CDS     13606897        13607037        .       -
        0       Parent=Smp_005260.2
SM_V9_6 Liftoff CDS     13607070        13607210        .       -
        0       Parent=Smp_005260.2
SM_V9_6 Liftoff mRNA    13603359        13607267        .       -
        .
ID=Smp_005260.1;Parent=Smp_005260;geneID=Smp_005260;product=THO
complex subunit 4-A;polypeptide_domain=InterPro:IPR000504,IPR025715
Pfam:PF00076,PF13865;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    13603359        13603519        .       -
        .       Parent=Smp_005260.1
SM_V9_6 Liftoff exon    13605931        13606100        .       -
        .       Parent=Smp_005260.1
SM_V9_6 Liftoff exon    13606685        13606865        .       -
        .       Parent=Smp_005260.1
SM_V9_6 Liftoff exon    13606897        13607037        .       -
        .       Parent=Smp_005260.1
SM_V9_6 Liftoff exon    13607070        13607267        .       -
        .       Parent=Smp_005260.1
SM_V9_6 Liftoff CDS     13603511        13603519        .       -
        0       Parent=Smp_005260.1
SM_V9_6 Liftoff CDS     13605931        13606100        .       -
        2       Parent=Smp_005260.1
SM_V9_6 Liftoff CDS     13606685        13606865        .       -
        0       Parent=Smp_005260.1
SM_V9_6 Liftoff CDS     13606897        13607037        .       -
        0       Parent=Smp_005260.1
SM_V9_6 Liftoff CDS     13607070        13607210        .       -
        0       Parent=Smp_005260.1
SM_V9_6 iris    gene    13627957        13637966        .       -
        .
ID=Smp_350280;geneID=Smp_350280;gene_name=Smp_350280;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    13627957        13637966        .       -
        .
ID=Smp_350280.1;Parent=Smp_350280;geneID=Smp_350280;gene_name=Smp_35
0280;owner=irisadmin@local.host;date_last_modified=2022-08-29;Name=S
mp_350280.1;date_creation=2022-08-29
SM_V9_6 iris    exon    13627957        13628122        .       -
        .       Parent=Smp_350280.1;Name=Smp_350280.1-CDS
SM_V9_6 iris    exon    13629397        13629417        .       -
        .       Parent=Smp_350280.1;Name=1612f62d-1658-4bbc-
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b3c3-2978db21df45
SM_V9_6 iris    exon    13630292        13630309        .       -
        .       Parent=Smp_350280.1;Name=a68b29b6-ce6d-4682-acb3-
f50503497909
SM_V9_6 iris    exon    13633381        13633473        .       -
        .
Parent=Smp_350280.1;Name=460b83bf-6904-42a8-86a9-6c5872ccd312
SM_V9_6 iris    exon    13634302        13634339        .       -
        .       Parent=Smp_350280.1;Name=81d1ec2a-7822-4bab-a8ac-
bd908707e358
SM_V9_6 iris    exon    13635533        13635553        .       -
        .       Parent=Smp_350280.1;Name=c69d0c64-859a-442b-
bf1a-932290fadf07
SM_V9_6 iris    exon    13636514        13636529        .       -
        .       Parent=Smp_350280.1;Name=53e96282-c6eb-4ceb-
b458-49c3939b9d1a
SM_V9_6 iris    exon    13637921        13637966        .       -
        .       Parent=Smp_350280.1;Name=3b149981-757c-4f62-
aa43-555feb8d03dc
SM_V9_6 iris    CDS     13628014        13628122        .       -
        1       Parent=Smp_350280.1
SM_V9_6 iris    CDS     13629397        13629417        .       -
        1       Parent=Smp_350280.1
SM_V9_6 iris    CDS     13630292        13630309        .       -
        1       Parent=Smp_350280.1
SM_V9_6 iris    CDS     13633381        13633473        .       -
        1       Parent=Smp_350280.1
SM_V9_6 iris    CDS     13634302        13634339        .       -
        0       Parent=Smp_350280.1
SM_V9_6 iris    CDS     13635533        13635535        .       -
        0       Parent=Smp_350280.1
SM_V9_6 iris    gene    13645534        13653833        .       -
        .
ID=Smp_350290;geneID=Smp_350290;gene_name=Smp_350290;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    13645534        13653833        .       -
        .
ID=Smp_350290.1;Parent=Smp_350290;geneID=Smp_350290;gene_name=Smp_35
0290;owner=irisadmin@local.host;date_last_modified=2022-08-29;Name=S
mp_350290.1;date_creation=2022-08-29
SM_V9_6 iris    exon    13645534        13645684        .       -
        .       Parent=Smp_350290.1;Name=Smp_350290.1-CDS
SM_V9_6 iris    exon    13646636        13646656        .       -
        .       Parent=Smp_350290.1;Name=0bcbb2a8-7f4b-4517-
b9a4-8373ac40f507
SM_V9_6 iris    exon    13647539        13647556        .       -
        .       Parent=Smp_350290.1;Name=2fc3a86f-66ab-444f-
b60e-7f11d7fac695
SM_V9_6 iris    exon    13649720        13649812        .       -
        .       Parent=Smp_350290.1;Name=091d1f4d-a24b-49eb-
abb9-4a69f2baa78f
SM_V9_6 iris    exon    13650638        13650675        .       -
        .       Parent=Smp_350290.1;Name=b6c196f6-e3fe-4c92-b717-
b2e0db920586
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SM_V9_6 iris    exon    13651892        13651912        .       -
        .       Parent=Smp_350290.1;Name=3bdeffc2-5463-40b9-
b6a3-9ce3e3b1a571
SM_V9_6 iris    exon    13653812        13653833        .       -
        .       Parent=Smp_350290.1;Name=0e78c341-
b5f5-42aa-9b75-6e1d8d990a5f
SM_V9_6 iris    CDS     13645573        13645684        .       -
        1       Parent=Smp_350290.1
SM_V9_6 iris    CDS     13646636        13646656        .       -
        1       Parent=Smp_350290.1
SM_V9_6 iris    CDS     13647539        13647556        .       -
        1       Parent=Smp_350290.1
SM_V9_6 iris    CDS     13649720        13649812        .       -
        1       Parent=Smp_350290.1
SM_V9_6 iris    CDS     13650638        13650675        .       -
        0       Parent=Smp_350290.1
SM_V9_6 iris    CDS     13651892        13651894        .       -
        0       Parent=Smp_350290.1
SM_V9_6 iris    gene    13657246        13657652        .       +
        .
ID=Smp_203010;geneID=Smp_203010;gene_name=Smp_203010;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    13657246        13657652        .       +
        .
ID=Smp_203010.1;Parent=Smp_203010;geneID=Smp_203010;gene_name=Smp_20
3010;owner=irisadmin@local.host;orig_id=Smp_203010.1;date_last_modif
ied=2022-08-29;Name=Smp_203010.1;product=Sperm flagellar protein
2;date_creation=2022-08-29
SM_V9_6 iris    exon    13657246        13657652        .       +
        .       Parent=Smp_203010.1;Name=Smp_203010.1-CDS
SM_V9_6 iris    CDS     13657392        13657610        .       +
        0       Parent=Smp_203010.1
SM_V9_6 iris    gene    13663978        13669237        .       -
        .
ID=Smp_331590;geneID=Smp_331590;gene_name=Smp_331590;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13663978        13669237        .       -
        .
ID=Smp_331590.1;Parent=Smp_331590;geneID=Smp_331590;gene_name=Smp_33
1590;owner=irisadmin@local.host;orig_id=Smp_331590.1;date_last_modif
ied=2022-07-18;Name=Smp_331590.1;product=Malate synthase
G;date_creation=2022-07-18
SM_V9_6 iris    exon    13663978        13664122        .       -
        .
Parent=Smp_331590.1;Name=3aa0fbfd-8b45-403e-8e61-0d73be33fb70
SM_V9_6 iris    exon    13664723        13664743        .       -
        .
Parent=Smp_331590.1;Name=a8122c96-46a7-4eeb-99ad-20752523c488
SM_V9_6 iris    exon    13666071        13666086        .       -
        .       Parent=Smp_331590.1;Name=c741f47d-b339-40cf-
b5ae-8d80fc7bed6c
SM_V9_6 iris    exon    13669050        13669237        .       -
        .       Parent=Smp_331590.1;Name=c40c385e-90a5-43ab-b1ef-
ac4fecbaacb5
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SM_V9_6 iris    CDS     13664014        13664122        .       -
        1       Parent=Smp_331590.1
SM_V9_6 iris    CDS     13664723        13664743        .       -
        1       Parent=Smp_331590.1
SM_V9_6 iris    CDS     13666071        13666086        .       -
        2       Parent=Smp_331590.1
SM_V9_6 iris    CDS     13669050        13669128        .       -
        0       Parent=Smp_331590.1
SM_V9_6 iris    gene    13686593        13696964        .       +
        .
ID=Smp_092170;geneID=Smp_092170;gene_name=Smp_092170;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13686593        13696964        .       +
        .
ID=Smp_092170.1;Parent=Smp_092170;geneID=Smp_092170;gene_name=Smp_09
2170;owner=irisadmin@local.host;orig_id=Smp_092170.2;date_last_modif
ied=2022-07-18;Name=Smp_092170.1;product=Regulation of nuclear pre-
mRNA domain-containing protein 1B;date_creation=2022-07-18
SM_V9_6 iris    exon    13686593        13686766        .       +
        .       Parent=Smp_092170.1;Name=ba60a2c2-21a5-4c4c-
aa96-0260b509b6a7
SM_V9_6 iris    exon    13686801        13686930        .       +
        .       Parent=Smp_092170.1;Name=103f4640-92ac-4c43-
b157-33114c1a33a1
SM_V9_6 iris    exon    13687954        13688107        .       +
        .       Parent=Smp_092170.1;Name=574b2a04-0c9b-423a-bbda-
ba47b07fc9ab
SM_V9_6 iris    exon    13690021        13690329        .       +
        .       Parent=Smp_092170.1;Name=469e5b28-c132-4359-
a711-30c93309bb1f
SM_V9_6 iris    exon    13692425        13692557        .       +
        .       Parent=Smp_092170.1;Name=54c23302-d1cc-4fe4-b3ab-
f72f8d1020ed
SM_V9_6 iris    exon    13694168        13694346        .       +
        .       Parent=Smp_092170.1;Name=faddb3a1-0046-45dc-
bea5-0d7d3a8c9a05
SM_V9_6 iris    exon    13696397        13696964        .       +
        .       Parent=Smp_092170.1;Name=0824a769-64c4-4693-
b9e9-702ca451fee3
SM_V9_6 iris    CDS     13686619        13686766        .       +
        0       Parent=Smp_092170.1
SM_V9_6 iris    CDS     13686801        13686930        .       +
        2       Parent=Smp_092170.1
SM_V9_6 iris    CDS     13687954        13688107        .       +
        1       Parent=Smp_092170.1
SM_V9_6 iris    CDS     13690021        13690329        .       +
        0       Parent=Smp_092170.1
SM_V9_6 iris    CDS     13692425        13692557        .       +
        0       Parent=Smp_092170.1
SM_V9_6 iris    CDS     13694168        13694346        .       +
        2       Parent=Smp_092170.1
SM_V9_6 iris    CDS     13696397        13696543        .       +
        0       Parent=Smp_092170.1
SM_V9_6 iris    gene    13699191        13708427        .       +
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ID=Smp_092180;geneID=Smp_092180;gene_name=Smp_092180;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13699191        13708427        .       +
        .
ID=Smp_092180.1;Parent=Smp_092180;geneID=Smp_092180;gene_name=Smp_09
2180;owner=irisadmin@local.host;orig_id=Smp_092180.1;date_last_modif
ied=2022-07-18;Name=Smp_092180.1;product=RPA-interacting protein
B;date_creation=2022-07-18
SM_V9_6 iris    exon    13699191        13699552        .       +
        .       Parent=Smp_092180.1;Name=02d35031-8b67-47b6-9afa-
c5da9bf1d5a2
SM_V9_6 iris    exon    13700977        13701123        .       +
        .       Parent=Smp_092180.1;Name=12a30e58-7997-49a2-8d1d-
c8a075b9436f
SM_V9_6 iris    exon    13702293        13702359        .       +
        .       Parent=Smp_092180.1;Name=4bd2d583-5325-4158-811d-
da19292116c4
SM_V9_6 iris    exon    13703750        13703873        .       +
        .       Parent=Smp_092180.1;Name=8d1a9cc3-9673-468e-9fce-
f85b14336d8d
SM_V9_6 iris    exon    13704749        13704815        .       +
        .
Parent=Smp_092180.1;Name=1d97f6f8-409b-4918-9dfb-9e61db5abf60
SM_V9_6 iris    exon    13707841        13708427        .       +
        .       Parent=Smp_092180.1;Name=968f690c-905c-418a-b7f5-
d1f770156200
SM_V9_6 iris    CDS     13699478        13699552        .       +
        0       Parent=Smp_092180.1
SM_V9_6 iris    CDS     13700977        13701123        .       +
        0       Parent=Smp_092180.1
SM_V9_6 iris    CDS     13702293        13702359        .       +
        0       Parent=Smp_092180.1
SM_V9_6 iris    CDS     13703750        13703873        .       +
        2       Parent=Smp_092180.1
SM_V9_6 iris    CDS     13704749        13704815        .       +
        1       Parent=Smp_092180.1
SM_V9_6 iris    CDS     13707841        13708086        .       +
        0       Parent=Smp_092180.1
SM_V9_6 iris    gene    13727763        13739707        .       +
        .
ID=Smp_172460;geneID=Smp_172460;gene_name=Smp_172460;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    13727763        13739707        .       +
        .
ID=Smp_172460.1;Parent=Smp_172460;geneID=Smp_172460;gene_name=Smp_17
2460;owner=irisadmin@local.host;orig_id=Smp_172460.1;date_last_modif
ied=2022-07-18;Name=Smp_172460.1;product=Krueppel-like factor
16;date_creation=2022-07-18
SM_V9_6 iris    exon    13727763        13727939        .       +
        .       Parent=Smp_172460.1;Name=54082285-2ed9-449a-
ba04-85d602bf1c32
SM_V9_6 iris    exon    13728032        13728394        .       +
        .       Parent=Smp_172460.1;Name=49506398-
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acf9-462c-89b1-2fc8a1d7a080
SM_V9_6 iris    exon    13733382        13733933        .       +
        .
Parent=Smp_172460.1;Name=c2c11ac2-9e4f-4b12-8a4b-83973697d39a
SM_V9_6 iris    exon    13735981        13736389        .       +
        .       Parent=Smp_172460.1;Name=30e944bc-e085-44b4-b0d3-
a06095d52c40
SM_V9_6 iris    exon    13738507        13739707        .       +
        .       Parent=Smp_172460.1;Name=5ff1ab59-8701-48f6-991b-
b1445a79ff97
SM_V9_6 iris    CDS     13727877        13727939        .       +
        0       Parent=Smp_172460.1
SM_V9_6 iris    CDS     13728032        13728394        .       +
        0       Parent=Smp_172460.1
SM_V9_6 iris    CDS     13733382        13733933        .       +
        0       Parent=Smp_172460.1
SM_V9_6 iris    CDS     13735981        13736389        .       +
        0       Parent=Smp_172460.1
SM_V9_6 iris    CDS     13738507        13738700        .       +
        2       Parent=Smp_172460.1
SM_V9_6 Liftoff gene    13784003        13848930        .       +
        .       ID=Smp_172470;geneID=Smp_172470
SM_V9_6 Liftoff mRNA    13784003        13848930        .       +
        .
ID=Smp_172470.1;Parent=Smp_172470;geneID=Smp_172470;product=Netrin
receptor
UNC5C;polypeptide_domain=InterPro:IPR000884,IPR003598,IPR003599,IPR0
07110,IPR013783 Pfam:PF13927
SM_V9_6 Liftoff exon    13784003        13784662        .       +
        .       Parent=Smp_172470.1
SM_V9_6 Liftoff exon    13821804        13822295        .       +
        .       Parent=Smp_172470.1
SM_V9_6 Liftoff exon    13839118        13839221        .       +
        .       Parent=Smp_172470.1
SM_V9_6 Liftoff exon    13841555        13841807        .       +
        .       Parent=Smp_172470.1
SM_V9_6 Liftoff exon    13843467        13843727        .       +
        .       Parent=Smp_172470.1
SM_V9_6 Liftoff exon    13844974        13845486        .       +
        .       Parent=Smp_172470.1
SM_V9_6 Liftoff exon    13848065        13848930        .       +
        .       Parent=Smp_172470.1
SM_V9_6 Liftoff CDS     13784452        13784662        .       +
        0       Parent=Smp_172470.1
SM_V9_6 Liftoff CDS     13821804        13822295        .       +
        2       Parent=Smp_172470.1
SM_V9_6 Liftoff CDS     13839118        13839221        .       +
        2       Parent=Smp_172470.1
SM_V9_6 Liftoff CDS     13841555        13841807        .       +
        0       Parent=Smp_172470.1
SM_V9_6 Liftoff CDS     13843467        13843727        .       +
        2       Parent=Smp_172470.1
SM_V9_6 Liftoff CDS     13844974        13845486        .       +
        2       Parent=Smp_172470.1
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SM_V9_6 Liftoff CDS     13848065        13848573        .       +
        2       Parent=Smp_172470.1
SM_V9_6 Liftoff gene    13887929        13889111        .       -
        .       ID=Smp_172480;geneID=Smp_172480
SM_V9_6 Liftoff mRNA    13887929        13889111        .       -
        .
ID=Smp_172480.1;Parent=Smp_172480;geneID=Smp_172480;product=Krueppel
-like factor 14;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    13887929        13889111        .       -
        .       Parent=Smp_172480.1
SM_V9_6 Liftoff CDS     13887990        13888928        .       -
        0       Parent=Smp_172480.1
SM_V9_6 Liftoff gene    13894229        13923589        .       -
        .       ID=Smp_172490;geneID=Smp_172490
SM_V9_6 Liftoff mRNA    13894229        13923589        .       -
        .
ID=Smp_172490.1;Parent=Smp_172490;geneID=Smp_172490;product=Succinat
e--CoA ligase [ADP-forming] subunit beta
SM_V9_6 Liftoff exon    13894229        13895173        .       -
        .       Parent=Smp_172490.1
SM_V9_6 Liftoff exon    13900004        13900124        .       -
        .       Parent=Smp_172490.1
SM_V9_6 Liftoff exon    13902948        13903253        .       -
        .       Parent=Smp_172490.1
SM_V9_6 Liftoff exon    13906303        13906644        .       -
        .       Parent=Smp_172490.1
SM_V9_6 Liftoff exon    13920477        13920689        .       -
        .       Parent=Smp_172490.1
SM_V9_6 Liftoff exon    13923152        13923311        .       -
        .       Parent=Smp_172490.1
SM_V9_6 Liftoff exon    13923351        13923589        .       -
        .       Parent=Smp_172490.1
SM_V9_6 Liftoff CDS     13894791        13895173        .       -
        2       Parent=Smp_172490.1
SM_V9_6 Liftoff CDS     13900004        13900124        .       -
        0       Parent=Smp_172490.1
SM_V9_6 Liftoff CDS     13902948        13903253        .       -
        0       Parent=Smp_172490.1
SM_V9_6 Liftoff CDS     13906303        13906644        .       -
        0       Parent=Smp_172490.1
SM_V9_6 Liftoff CDS     13920477        13920689        .       -
        0       Parent=Smp_172490.1
SM_V9_6 Liftoff CDS     13923152        13923311        .       -
        1       Parent=Smp_172490.1
SM_V9_6 Liftoff CDS     13923351        13923520        .       -
        0       Parent=Smp_172490.1
SM_V9_6 Liftoff gene    13941308        13944979        .       -
        .
ID=Smp_346110;geneID=Smp_346110;previous_systematic_id=Smp_172500
SM_V9_6 Liftoff mRNA    13941308        13944979        .       -
        .
ID=Smp_346110.1;Parent=Smp_346110;geneID=Smp_346110;product=Protein
zntA
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SM_V9_6 Liftoff exon    13941308        13944979        .       -
        .       Parent=Smp_346110.1
SM_V9_6 Liftoff CDS     13941745        13944768        .       -
        0       Parent=Smp_346110.1
SM_V9_6 iris    gene    14020903        14041459        .       -
        .
ID=Smp_172510;geneID=Smp_172510;gene_name=Smp_172510;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    14020903        14041459        .       -
        .
ID=Smp_172510.2;Parent=Smp_172510;geneID=Smp_172510;gene_name=Smp_17
2510;owner=irisadmin@local.host;date_last_modified=2022-07-18;Name=S
mp_172510.2;date_creation=2022-07-18
SM_V9_6 iris    exon    14020903        14021232        .       -
        .
Parent=Smp_172510.2;Name=3ca4376c-24eb-49be-9f1a-2a8e1111834f
SM_V9_6 iris    exon    14023243        14023572        .       -
        .       Parent=Smp_172510.2;Name=70bf5af9-a703-43a2-be46-
e2ea85164864
SM_V9_6 iris    exon    14026738        14027191        .       -
        .       Parent=Smp_172510.2;Name=31811a90-9ffa-4564-9a13-
dd03649621cd
SM_V9_6 iris    exon    14028628        14028769        .       -
        .       Parent=Smp_172510.2;Name=57019e53-
d100-466d-845a-77a15e4bc1dd
SM_V9_6 iris    exon    14030465        14030661        .       -
        .       Parent=Smp_172510.2;Name=cd4eba84-21ef-420a-
a2d9-94f7da6e46c7
SM_V9_6 iris    exon    14032787        14033080        .       -
        .
Parent=Smp_172510.2;Name=ebb05799-1f3f-4b09-81f7-2d4afec5c683
SM_V9_6 iris    exon    14036822        14036996        .       -
        .       Parent=Smp_172510.2;Name=290e40fe-
f890-4fdc-9588-0c54588b7c47
SM_V9_6 iris    exon    14038285        14038414        .       -
        .       Parent=Smp_172510.2;Name=0bc3ceee-e9fa-429e-
b464-00ada9162584
SM_V9_6 iris    exon    14038450        14038571        .       -
        .
Parent=Smp_172510.2;Name=61666692-97ce-420a-9412-19ecc10953ce
SM_V9_6 iris    exon    14041321        14041459        .       -
        .       Parent=Smp_172510.2;Name=88dc8c8b-e466-4876-b8a6-
e4e37f36fc5e
SM_V9_6 iris    CDS     14021231        14021232        .       -
        2       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14023243        14023572        .       -
        2       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14026738        14027191        .       -
        0       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14028628        14028769        .       -
        1       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14030465        14030661        .       -
        0       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14032787        14033080        .       -
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        0       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14036822        14036996        .       -
        1       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14038285        14038414        .       -
        2       Parent=Smp_172510.2
SM_V9_6 iris    CDS     14038450        14038474        .       -
        0       Parent=Smp_172510.2
SM_V9_6 iris    mRNA    14022914        14041459        .       -
        .
ID=Smp_172510.1;Parent=Smp_172510;geneID=Smp_172510;gene_name=Smp_17
2510;owner=irisadmin@local.host;orig_id=Smp_172510.1;date_last_modif
ied=2022-07-18;Name=Smp_172510.1;product=DnaJ homolog subfamily C
member 21;date_creation=2022-07-18
SM_V9_6 iris    exon    14022914        14023572        .       -
        .       Parent=Smp_172510.1;Name=29841829-4260-4afc-
afe0-2cd8c6cdf07d
SM_V9_6 iris    exon    14026738        14027191        .       -
        .       Parent=Smp_172510.1;Name=109f9dba-f911-496a-
ba16-2b04d4c28801
SM_V9_6 iris    exon    14028628        14028769        .       -
        .       Parent=Smp_172510.1;Name=7db46b86-c1ea-4219-a4b9-
c852b7630b4c
SM_V9_6 iris    exon    14030465        14030661        .       -
        .       Parent=Smp_172510.1;Name=8e5af430-2487-4a7e-9323-
b534bcdd962a
SM_V9_6 iris    exon    14032787        14033080        .       -
        .       Parent=Smp_172510.1;Name=ce1184fe-33c6-45af-
b3a6-059ee753460c
SM_V9_6 iris    exon    14036822        14036996        .       -
        .       Parent=Smp_172510.1;Name=ee2d6a58-bf3e-4c0c-ad9c-
ca2b219e99b6
SM_V9_6 iris    exon    14038285        14038414        .       -
        .       Parent=Smp_172510.1;Name=df888a74-6ce9-43df-
b3da-2c65b682bafa
SM_V9_6 iris    exon    14038450        14038571        .       -
        .
Parent=Smp_172510.1;Name=29a59fbf-6555-4b83-83cd-5de4d2a1403b
SM_V9_6 iris    exon    14041321        14041459        .       -
        .
Parent=Smp_172510.1;Name=89aba8d1-3f2c-4840-9e38-239c4deb74ea
SM_V9_6 iris    CDS     14023238        14023572        .       -
        2       Parent=Smp_172510.1
SM_V9_6 iris    CDS     14026738        14027191        .       -
        0       Parent=Smp_172510.1
SM_V9_6 iris    CDS     14028628        14028769        .       -
        1       Parent=Smp_172510.1
SM_V9_6 iris    CDS     14030465        14030661        .       -
        0       Parent=Smp_172510.1
SM_V9_6 iris    CDS     14032787        14033080        .       -
        0       Parent=Smp_172510.1
SM_V9_6 iris    CDS     14036822        14036996        .       -
        1       Parent=Smp_172510.1
SM_V9_6 iris    CDS     14038285        14038414        .       -
        2       Parent=Smp_172510.1
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SM_V9_6 iris    CDS     14038450        14038474        .       -
        0       Parent=Smp_172510.1
SM_V9_6 iris    gene    14047303        14062285        .       -
        .
ID=Smp_172520;geneID=Smp_172520;gene_name=Smp_172520;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    14047303        14062285        .       -
        .
ID=Smp_172520.1;Parent=Smp_172520;geneID=Smp_172520;gene_name=Smp_17
2520;owner=irisadmin@local.host;orig_id=Smp_172520.1;date_last_modif
ied=2022-07-18;Name=Smp_172520.1;product=Protein jagged-2
(Fragment);date_creation=2022-07-18
SM_V9_6 iris    exon    14047303        14047949        .       -
        .       Parent=Smp_172520.1;Name=d46a935f-a83c-40d7-
ad22-2b0af4754f19
SM_V9_6 iris    exon    14049976        14050132        .       -
        .       Parent=Smp_172520.1;Name=6d0766d8-
d108-4883-840d-654545cb0bc2
SM_V9_6 iris    exon    14062140        14062285        .       -
        .       Parent=Smp_172520.1;Name=b4ad2f84-b5a8-49f8-
aa53-94dfa478cc53
SM_V9_6 iris    CDS     14047732        14047949        .       -
        2       Parent=Smp_172520.1
SM_V9_6 iris    CDS     14049976        14050132        .       -
        0       Parent=Smp_172520.1
SM_V9_6 iris    CDS     14062140        14062154        .       -
        0       Parent=Smp_172520.1
SM_V9_6 Liftoff gene    14071043        14091545        .       +
        .       ID=Smp_172530;geneID=Smp_172530
SM_V9_6 Liftoff mRNA    14071043        14091545        .       +
        .
ID=Smp_172530.1;Parent=Smp_172530;geneID=Smp_172530;product=DNA
replication licensing factor mcm4-
B;polypeptide_domain=InterPro:IPR001208,IPR003593,IPR008047,IPR01234
0,IPR018525,IPR027417,IPR027925,IPR031327,IPR033762
Pfam:PF00493,PF14551,PF17207;Ontology_term=GO:0003677,GO:0003678,GO:
0005524,GO:0006260,GO:0006270,GO:0042555
SM_V9_6 Liftoff exon    14071043        14071238        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14073085        14073309        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14074240        14074581        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14076061        14076348        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14076622        14076821        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14078246        14078459        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14080385        14080625        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14083506        14083720        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14086161        14086451        .       +
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        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14088123        14088215        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14089529        14089715        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff exon    14091170        14091545        .       +
        .       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14071065        14071238        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14073085        14073309        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14074240        14074581        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14076061        14076348        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14076622        14076821        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14078246        14078459        .       +
        1       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14080385        14080625        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14083506        14083720        .       +
        2       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14086161        14086451        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14088123        14088215        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14089529        14089715        .       +
        0       Parent=Smp_172530.1
SM_V9_6 Liftoff CDS     14091170        14091396        .       +
        2       Parent=Smp_172530.1
SM_V9_6 iris    gene    14157755        14174557        .       -
        .
ID=Smp_082280;geneID=Smp_082280;gene_name=Smp_082280;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    14157755        14174557        .       -
        .
ID=Smp_082280.1;Parent=Smp_082280;geneID=Smp_082280;gene_name=Smp_08
2280;owner=irisadmin@local.host;orig_id=Smp_082280.1;date_last_modif
ied=2022-08-18;Name=Smp_082280.1;product=RNA-binding motif, single-
stranded-interacting protein 3;date_creation=2022-08-18
SM_V9_6 iris    exon    14157755        14159479        .       -
        .       Parent=Smp_082280.1;Name=71c3c1ac-365c-4c27-9c1f-
d8faefbf692c
SM_V9_6 iris    exon    14163562        14163968        .       -
        .       Parent=Smp_082280.1;Name=8427e4c5-b3d8-4e58-
a154-3917172b0727
SM_V9_6 iris    exon    14164122        14164529        .       -
        .       Parent=Smp_082280.1;Name=405eaeb3-
c2a5-48a8-9702-5d7599bc139d
SM_V9_6 iris    exon    14166666        14166917        .       -
        .       Parent=Smp_082280.1;Name=88de7704-6a04-4917-96df-
b2880e5d1fc7
SM_V9_6 iris    exon    14168159        14168315        .       -
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        .       Parent=Smp_082280.1;Name=a37a502e-dcdc-42d5-
b90d-98483675547f
SM_V9_6 iris    exon    14169665        14170239        .       -
        .       Parent=Smp_082280.1;Name=ea163897-40ad-48e5-9b07-
ea2e827a1a0a
SM_V9_6 iris    exon    14170934        14171092        .       -
        .
Parent=Smp_082280.1;Name=62b548af-5270-4a77-96b0-8ffcffe6c007
SM_V9_6 iris    exon    14174448        14174557        .       -
        .       Parent=Smp_082280.1;Name=b5cdaf83-90db-47a8-9151-
f67a1e8a0d4e
SM_V9_6 iris    CDS     14158427        14159479        .       -
        0       Parent=Smp_082280.1
SM_V9_6 iris    CDS     14163562        14163968        .       -
        2       Parent=Smp_082280.1
SM_V9_6 iris    CDS     14164122        14164529        .       -
        2       Parent=Smp_082280.1
SM_V9_6 iris    CDS     14166666        14166917        .       -
        2       Parent=Smp_082280.1
SM_V9_6 iris    CDS     14168159        14168315        .       -
        0       Parent=Smp_082280.1
SM_V9_6 iris    CDS     14169665        14170237        .       -
        0       Parent=Smp_082280.1
SM_V9_6 Liftoff gene    14183187        14189650        .       -
        .       ID=Smp_082290;geneID=Smp_082290
SM_V9_6 Liftoff mRNA    14183187        14189650        .       -
        .
ID=Smp_082290.1;Parent=Smp_082290;geneID=Smp_082290;product=Neurogen
ic differentiation factor 1;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_6 Liftoff exon    14183187        14183532        .       -
        .       Parent=Smp_082290.1
SM_V9_6 Liftoff exon    14185595        14189650        .       -
        .       Parent=Smp_082290.1
SM_V9_6 Liftoff CDS     14183428        14183532        .       -
        0       Parent=Smp_082290.1
SM_V9_6 Liftoff CDS     14185595        14185792        .       -
        0       Parent=Smp_082290.1
SM_V9_6 iris    gene    14200827        14233125        .       +
        .
ID=Smp_082300;geneID=Smp_082300;gene_name=Smp_082300;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    14200827        14233125        .       +
        .
ID=Smp_082300.1;Parent=Smp_082300;geneID=Smp_082300;gene_name=Smp_08
2300;owner=irisadmin@local.host;orig_id=Smp_082300.2;date_last_modif
ied=2022-08-18;Name=Smp_082300.1;product=Phospholipid phosphatase-
related protein type 5;date_creation=2022-08-18
SM_V9_6 iris    exon    14200827        14201021        .       +
        .       Parent=Smp_082300.1;Name=c4e53ac1-
b1e1-49b5-8fc9-60ce2f9a4990
SM_V9_6 iris    exon    14210764        14211471        .       +
        .       Parent=Smp_082300.1;Name=b8eb52f6-
dfcc-49e5-85b9-7d3ae545a185
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SM_V9_6 iris    exon    14213545        14213727        .       +
        .       Parent=Smp_082300.1;Name=bbf75526-bb85-4374-b769-
aa8a5532d2dd
SM_V9_6 iris    exon    14217333        14217413        .       +
        .       Parent=Smp_082300.1;Name=13a60369-0191-4b07-847c-
e99640b62e81
SM_V9_6 iris    exon    14218745        14218804        .       +
        .       Parent=Smp_082300.1;Name=0a24fb61-5fcc-4bf9-
ac2a-031f301d2d29
SM_V9_6 iris    exon    14220565        14221114        .       +
        .
Parent=Smp_082300.1;Name=d707cddb-02ec-4839-8c5d-8be2653eceed
SM_V9_6 iris    exon    14222050        14222167        .       +
        .       Parent=Smp_082300.1;Name=4dc688f5-b938-43b0-835d-
dc28ad6615de
SM_V9_6 iris    exon    14224557        14224908        .       +
        .       Parent=Smp_082300.1;Name=e9137f21-c4ed-4005-
b8a2-0c0beaa691e3
SM_V9_6 iris    exon    14225350        14225407        .       +
        .       Parent=Smp_082300.1;Name=ee81653b-0cf3-4d49-
a30e-3679530d3528
SM_V9_6 iris    exon    14226767        14226949        .       +
        .
Parent=Smp_082300.1;Name=08c6e879-84f0-40c1-82c1-976442682a79
SM_V9_6 iris    exon    14228065        14228184        .       +
        .       Parent=Smp_082300.1;Name=38f5f0a5-816a-4c09-ac87-
a7302409d1a8
SM_V9_6 iris    exon    14229498        14229532        .       +
        .       Parent=Smp_082300.1;Name=58f2c88d-dd6d-4be5-
a0a4-468f1c269ee6
SM_V9_6 iris    exon    14232324        14233125        .       +
        .       Parent=Smp_082300.1;Name=bd6647b1-ff4f-4c81-98bf-
b0e936b139ae
SM_V9_6 iris    CDS     14210813        14211471        .       +
        0       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14213545        14213727        .       +
        1       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14217333        14217413        .       +
        1       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14218745        14218804        .       +
        1       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14220565        14221114        .       +
        1       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14222050        14222167        .       +
        0       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14224557        14224908        .       +
        2       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14225350        14225407        .       +
        1       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14226767        14226949        .       +
        0       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14228065        14228184        .       +
        0       Parent=Smp_082300.1
SM_V9_6 iris    CDS     14229498        14229521        .       +
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        0       Parent=Smp_082300.1
SM_V9_6 Liftoff gene    14277044        14335728        .       +
        .
ID=Smp_247920;geneID=Smp_247920;previous_systematic_id=Smp_166640
SM_V9_6 Liftoff mRNA    14277044        14335728        .       +
        .
ID=Smp_247920.1;Parent=Smp_247920;geneID=Smp_247920;product=Rho
GTPase-activating protein
gacU;polypeptide_domain=InterPro:IPR000198,IPR008936
Pfam:PF00620;Ontology_term=GO:0007165
SM_V9_6 Liftoff exon    14277044        14278298        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14295157        14295471        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14299035        14299129        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14300730        14300786        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14303049        14303163        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14305537        14306123        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14309856        14309937        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14313319        14313405        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14315656        14315728        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14318391        14318750        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14320645        14320970        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14322423        14322587        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14323685        14323794        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14325499        14325962        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14330373        14330391        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff exon    14333032        14335728        .       +
        .       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14277276        14278298        .       +
        0       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14295157        14295471        .       +
        0       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14299035        14299129        .       +
        0       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14300730        14300786        .       +
        1       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14303049        14303163        .       +
        1       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14305537        14306123        .       +
        0       Parent=Smp_247920.1
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SM_V9_6 Liftoff CDS     14309856        14309937        .       +
        1       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14313319        14313405        .       +
        0       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14315656        14315728        .       +
        0       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14318391        14318750        .       +
        2       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14320645        14320970        .       +
        2       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14322423        14322587        .       +
        0       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14323685        14323794        .       +
        0       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14325499        14325962        .       +
        1       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14330373        14330391        .       +
        2       Parent=Smp_247920.1
SM_V9_6 Liftoff CDS     14333032        14335000        .       +
        1       Parent=Smp_247920.1
SM_V9_6 Liftoff mRNA    14277044        14335728        .       +
        .
ID=Smp_247920.2;Parent=Smp_247920;geneID=Smp_247920;product=Rho
GTPase-activating protein
gacU;polypeptide_domain=InterPro:IPR000198,IPR008936
Pfam:PF00620;Ontology_term=GO:0007165
SM_V9_6 Liftoff exon    14277044        14278298        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14295157        14295471        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14299035        14299129        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14303049        14303163        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14305537        14306123        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14309856        14309937        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14313319        14313405        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14315656        14315728        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14318391        14318750        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14320645        14320970        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14322423        14322587        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14323685        14323794        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14325499        14325962        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff exon    14330373        14330391        .       +
        .       Parent=Smp_247920.2
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SM_V9_6 Liftoff exon    14333032        14335728        .       +
        .       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14277276        14278298        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14295157        14295471        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14299035        14299129        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14303049        14303163        .       +
        1       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14305537        14306123        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14309856        14309937        .       +
        1       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14313319        14313405        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14315656        14315728        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14318391        14318750        .       +
        2       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14320645        14320970        .       +
        2       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14322423        14322587        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14323685        14323794        .       +
        0       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14325499        14325962        .       +
        1       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14330373        14330391        .       +
        2       Parent=Smp_247920.2
SM_V9_6 Liftoff CDS     14333032        14335000        .       +
        1       Parent=Smp_247920.2
SM_V9_6 iris    gene    14347714        14379472        .       +
        .
ID=Smp_247930;geneID=Smp_247930;gene_name=Smp_247930;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    14347714        14379472        .       +
        .
ID=Smp_247930.1;Parent=Smp_247930;geneID=Smp_247930;gene_name=Smp_24
7930;owner=irisadmin@local.host;orig_id=Smp_247930.1;date_last_modif
ied=2022-08-18;Name=Smp_247930.1;product=frizzled;date_creation=2022
-08-18
SM_V9_6 iris    exon    14347714        14348387        .       +
        .       Parent=Smp_247930.1;Name=53a5a27f-
e81c-44c5-9f03-7d736adf2d3c
SM_V9_6 iris    exon    14348431        14350291        .       +
        .       Parent=Smp_247930.1;Name=6cb47c21-62ec-4a53-
a19c-309d8ff99d16
SM_V9_6 iris    exon    14376521        14379472        .       +
        .
Parent=Smp_247930.1;Name=59a03170-936c-487f-92f7-8cf935f52a6b
SM_V9_6 iris    CDS     14348359        14348387        .       +
        0       Parent=Smp_247930.1
SM_V9_6 iris    CDS     14348431        14350291        .       +
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        1       Parent=Smp_247930.1
SM_V9_6 iris    CDS     14376521        14378191        .       +
        0       Parent=Smp_247930.1
SM_V9_6 Liftoff gene    14552859        14593545        .       +
        .
ID=Smp_247940;geneID=Smp_247940;previous_systematic_id=Smp_082330,Sm
p_127000,Smp_181630
SM_V9_6 Liftoff mRNA    14552859        14593545        .       +
        .
ID=Smp_247940.1;Parent=Smp_247940;geneID=Smp_247940;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF13909;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    14552859        14553145        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14567290        14567311        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14568358        14568463        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14574335        14575484        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14578669        14580277        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14584192        14585466        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14586500        14586783        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14587563        14588385        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14590212        14591071        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff exon    14592568        14593545        .       +
        .       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14553051        14553145        .       +
        0       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14567290        14567311        .       +
        1       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14568358        14568463        .       +
        0       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14574335        14575484        .       +
        2       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14578669        14580277        .       +
        1       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14584192        14585466        .       +
        0       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14586500        14586783        .       +
        0       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14587563        14588385        .       +
        1       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14590212        14591071        .       +
        0       Parent=Smp_247940.1
SM_V9_6 Liftoff CDS     14592568        14592676        .       +
        1       Parent=Smp_247940.1
SM_V9_6 Liftoff gene    14596049        14634634        .       +
        .
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ID=Smp_247950;geneID=Smp_247950;previous_systematic_id=Smp_127000
SM_V9_6 Liftoff mRNA    14596049        14634634        .       +
        .
ID=Smp_247950.1;Parent=Smp_247950;geneID=Smp_247950;product=Large
neutral amino acids transporter small subunit
2;polypeptide_domain=InterPro:IPR002293
Pfam:PF13520;Ontology_term=GO:0003333,GO:0015171,GO:0016020
SM_V9_6 Liftoff exon    14596049        14596169        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14601286        14601604        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14605575        14605710        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14607497        14607622        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14610299        14610401        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14616567        14616611        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14621422        14621545        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14624460        14624563        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14628480        14628676        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14629897        14630124        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff exon    14634172        14634634        .       +
        .       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14596159        14596169        .       +
        0       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14601286        14601604        .       +
        1       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14605575        14605710        .       +
        0       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14607497        14607622        .       +
        2       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14610299        14610401        .       +
        2       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14616567        14616611        .       +
        1       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14621422        14621545        .       +
        1       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14624460        14624563        .       +
        0       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14628480        14628676        .       +
        1       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14629897        14630124        .       +
        2       Parent=Smp_247950.1
SM_V9_6 Liftoff CDS     14634172        14634224        .       +
        2       Parent=Smp_247950.1
SM_V9_6 Liftoff gene    14672112        14674343        .       -
        .       ID=Smp_154130;geneID=Smp_154130
SM_V9_6 Liftoff mRNA    14672112        14674343        .       -
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        .
ID=Smp_154130.1;Parent=Smp_154130;geneID=Smp_154130;product=2-(3-
amino-3-carboxypropyl)histidine synthase
SM_V9_6 Liftoff exon    14672112        14672168        .       -
        .       Parent=Smp_154130.1
SM_V9_6 Liftoff exon    14672608        14672920        .       -
        .       Parent=Smp_154130.1
SM_V9_6 Liftoff exon    14674231        14674343        .       -
        .       Parent=Smp_154130.1
SM_V9_6 Liftoff CDS     14672112        14672168        .       -
        0       Parent=Smp_154130.1
SM_V9_6 Liftoff CDS     14672608        14672920        .       -
        1       Parent=Smp_154130.1
SM_V9_6 Liftoff CDS     14674231        14674343        .       -
        0       Parent=Smp_154130.1
SM_V9_6 Liftoff gene    14709980        14710542        .       -
        .       ID=Smp_154120;geneID=Smp_154120
SM_V9_6 Liftoff mRNA    14709980        14710542        .       -
        .
ID=Smp_154120.1;Parent=Smp_154120;geneID=Smp_154120;product=Lamin-B2
SM_V9_6 Liftoff exon    14709980        14710275        .       -
        .       Parent=Smp_154120.1
SM_V9_6 Liftoff exon    14710320        14710542        .       -
        .       Parent=Smp_154120.1
SM_V9_6 Liftoff CDS     14709980        14710275        .       -
        2       Parent=Smp_154120.1
SM_V9_6 Liftoff CDS     14710320        14710542        .       -
        0       Parent=Smp_154120.1
SM_V9_6 iris    gene    14716259        14758295        .       +
        .
ID=Smp_344630;geneID=Smp_344630;gene_name=Smp_344630;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    14716259        14751967        .       +
        .
ID=Smp_344630.1;Parent=Smp_344630;geneID=Smp_344630;gene_name=Smp_34
4630;owner=irisadmin@local.host;orig_id=Smp_344630.2;date_last_modif
ied=2022-07-18;Name=Smp_344630.1;product=WD repeat domain
phosphoinositide-interacting protein 3;date_creation=2022-07-18
SM_V9_6 iris    exon    14716259        14716357        .       +
        .       Parent=Smp_344630.1;Name=9c66a91a-1b23-4687-8849-
c68a7cd34e91
SM_V9_6 iris    exon    14729787        14729953        .       +
        .       Parent=Smp_344630.1;Name=b036a462-3f26-4813-9392-
a86c84a44039
SM_V9_6 iris    exon    14733431        14733505        .       +
        .
Parent=Smp_344630.1;Name=d008e82c-03a9-40f2-9ab3-9c8d5838c714
SM_V9_6 iris    exon    14736014        14736212        .       +
        .       Parent=Smp_344630.1;Name=74654d1f-c210-4268-
aa7f-14ce03407e29
SM_V9_6 iris    exon    14741520        14742245        .       +
        .       Parent=Smp_344630.1;Name=693c2e86-
bed0-4d40-8b7e-2a82e2b5d610
SM_V9_6 iris    exon    14744910        14745028        .       +
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        .       Parent=Smp_344630.1;Name=c8ec532a-3197-4710-92ba-
c54bb0e02634
SM_V9_6 iris    exon    14751560        14751967        .       +
        .       Parent=Smp_344630.1;Name=597d163b-d610-422e-a638-
b073f0d653c4
SM_V9_6 iris    CDS     14729881        14729953        .       +
        0       Parent=Smp_344630.1
SM_V9_6 iris    CDS     14733431        14733505        .       +
        2       Parent=Smp_344630.1
SM_V9_6 iris    CDS     14736014        14736212        .       +
        2       Parent=Smp_344630.1
SM_V9_6 iris    CDS     14741520        14742245        .       +
        1       Parent=Smp_344630.1
SM_V9_6 iris    CDS     14744910        14745028        .       +
        1       Parent=Smp_344630.1
SM_V9_6 iris    CDS     14751560        14751672        .       +
        2       Parent=Smp_344630.1
SM_V9_6 iris    mRNA    14716266        14758295        .       +
        .
ID=Smp_344630.2;Parent=Smp_344630;geneID=Smp_344630;gene_name=Smp_34
4630;owner=irisadmin@local.host;orig_id=Smp_344630.1;date_last_modif
ied=2022-07-18;Name=Smp_344630.2;product=WD repeat domain
phosphoinositide-interacting protein 3;date_creation=2022-07-18
SM_V9_6 iris    exon    14716266        14716357        .       +
        .       Parent=Smp_344630.2;Name=db7b0137-a8dd-477b-8415-
f8f5be0aa36d
SM_V9_6 iris    exon    14729787        14729953        .       +
        .       Parent=Smp_344630.2;Name=c79fd8c8-f47e-411f-bb2b-
d48c60e5a8c5
SM_V9_6 iris    exon    14733431        14733505        .       +
        .       Parent=Smp_344630.2;Name=f6129839-4d2a-41ba-
a2e2-9515c76356d6
SM_V9_6 iris    exon    14736014        14736212        .       +
        .       Parent=Smp_344630.2;Name=59be54cb-487d-4327-aab3-
a9ad5bd0fcf9
SM_V9_6 iris    exon    14741520        14742245        .       +
        .       Parent=Smp_344630.2;Name=da7cc393-5ffe-403f-bb10-
d57f0c1178c9
SM_V9_6 iris    exon    14744910        14745028        .       +
        .       Parent=Smp_344630.2;Name=653b4b73-94be-48e3-
af54-9939d1a180c7
SM_V9_6 iris    exon    14757341        14758295        .       +
        .       Parent=Smp_344630.2;Name=025708b3-77f1-4876-b335-
da181aa059e2
SM_V9_6 iris    CDS     14729881        14729953        .       +
        0       Parent=Smp_344630.2
SM_V9_6 iris    CDS     14733431        14733505        .       +
        2       Parent=Smp_344630.2
SM_V9_6 iris    CDS     14736014        14736212        .       +
        2       Parent=Smp_344630.2
SM_V9_6 iris    CDS     14741520        14742245        .       +
        1       Parent=Smp_344630.2
SM_V9_6 iris    CDS     14744910        14745028        .       +
        1       Parent=Smp_344630.2
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SM_V9_6 iris    CDS     14757341        14757360        .       +
        2       Parent=Smp_344630.2
SM_V9_6 Liftoff gene    14785302        14800055        .       -
        .       ID=Smp_154100;geneID=Smp_154100
SM_V9_6 Liftoff mRNA    14785302        14800055        .       -
        .
ID=Smp_154100.1;Parent=Smp_154100;geneID=Smp_154100;product=Gastrula
zinc finger protein XlCGF64.1
(Fragment);polypeptide_domain=InterPro:IPR013087
Pfam:PF00096,PF13909;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    14785302        14800055        .       -
        .       Parent=Smp_154100.1
SM_V9_6 Liftoff CDS     14786616        14789072        .       -
        0       Parent=Smp_154100.1
SM_V9_6 iris    gene    14816425        14820674        .       +
        .
ID=Smp_331600;geneID=Smp_331600;gene_name=Smp_331600;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    14816425        14820674        .       +
        .
ID=Smp_331600.1;Parent=Smp_331600;geneID=Smp_331600;gene_name=Smp_33
1600;owner=irisadmin@local.host;orig_id=Smp_331600.1;date_last_modif
ied=2022-07-18;Name=Smp_331600.1;product=Mitochondrial fission
regulator 2;date_creation=2022-07-18
SM_V9_6 iris    exon    14816425        14816773        .       +
        .       Parent=Smp_331600.1;Name=310a2f52-8177-4c8a-a791-
b0bd7ef3a2e1
SM_V9_6 iris    exon    14817372        14817859        .       +
        .       Parent=Smp_331600.1;Name=e333a36c-da16-4346-
a14c-4f164a6249ba
SM_V9_6 iris    exon    14819183        14819358        .       +
        .       Parent=Smp_331600.1;Name=ef6f2211-e10d-4e6d-a700-
e76334cb8b2f
SM_V9_6 iris    exon    14819448        14819640        .       +
        .
Parent=Smp_331600.1;Name=a10573e3-79ab-40dc-9345-3636b5ac9ad2
SM_V9_6 iris    exon    14820490        14820674        .       +
        .       Parent=Smp_331600.1;Name=403e430e-
b7cc-4476-8606-09ef1960d586
SM_V9_6 iris    CDS     14816716        14816773        .       +
        0       Parent=Smp_331600.1
SM_V9_6 iris    CDS     14817372        14817859        .       +
        2       Parent=Smp_331600.1
SM_V9_6 iris    CDS     14819183        14819358        .       +
        0       Parent=Smp_331600.1
SM_V9_6 iris    CDS     14819448        14819640        .       +
        1       Parent=Smp_331600.1
SM_V9_6 iris    CDS     14820490        14820546        .       +
        0       Parent=Smp_331600.1
SM_V9_6 iris    gene    14824840        14833025        .       +
        .
ID=Smp_154090;geneID=Smp_154090;gene_name=Smp_154090;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    14824840        14833025        .       +
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        .
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4090;owner=irisadmin@local.host;orig_id=Smp_154090.1;date_last_modif
ied=2022-08-18;Name=Smp_154090.1;product=Mitochondrial fission
regulator 2;date_creation=2022-08-18
SM_V9_6 iris    exon    14824840        14824910        .       +
        .       Parent=Smp_154090.1;Name=db43998a-8d4a-4500-
a97e-21606b480a9d
SM_V9_6 iris    exon    14826537        14826622        .       +
        .       Parent=Smp_154090.1;Name=7b4b3789-5d14-46e9-8666-
f8ff1b348c5f
SM_V9_6 iris    exon    14827416        14827571        .       +
        .
Parent=Smp_154090.1;Name=b2eab307-36b8-4b0f-8225-52b529afea6f
SM_V9_6 iris    exon    14828778        14829126        .       +
        .       Parent=Smp_154090.1;Name=294acb99-df1a-44b1-8186-
cee02603098b
SM_V9_6 iris    exon    14829725        14830212        .       +
        .       Parent=Smp_154090.1;Name=d76cdf07-a494-4445-
a399-29fe95aedf74
SM_V9_6 iris    exon    14831534        14831709        .       +
        .       Parent=Smp_154090.1;Name=9534affb-5d97-471f-8f76-
c1ba5e584144
SM_V9_6 iris    exon    14831799        14831991        .       +
        .       Parent=Smp_154090.1;Name=5e215556-74d9-4681-b106-
f5ad83cbcacf
SM_V9_6 iris    exon    14832841        14833025        .       +
        .       Parent=Smp_154090.1;Name=b8553be7-111a-4d1f-
bad2-754d0a450cfa
SM_V9_6 iris    CDS     14826584        14826622        .       +
        0       Parent=Smp_154090.1
SM_V9_6 iris    CDS     14827416        14827571        .       +
        0       Parent=Smp_154090.1
SM_V9_6 iris    CDS     14828778        14829126        .       +
        0       Parent=Smp_154090.1
SM_V9_6 iris    CDS     14829725        14830212        .       +
        2       Parent=Smp_154090.1
SM_V9_6 iris    CDS     14831534        14831709        .       +
        0       Parent=Smp_154090.1
SM_V9_6 iris    CDS     14831799        14831991        .       +
        1       Parent=Smp_154090.1
SM_V9_6 iris    CDS     14832841        14832897        .       +
        0       Parent=Smp_154090.1
SM_V9_6 Liftoff gene    14833392        14835735        .       -
        .       ID=Smp_154080;geneID=Smp_154080
SM_V9_6 Liftoff mRNA    14833392        14835735        .       -
        .
ID=Smp_154080.1;Parent=Smp_154080;geneID=Smp_154080;product=MICOS
complex subunit mic60
SM_V9_6 Liftoff exon    14833392        14833560        .       -
        .       Parent=Smp_154080.1
SM_V9_6 Liftoff exon    14835143        14835283        .       -
        .       Parent=Smp_154080.1
SM_V9_6 Liftoff exon    14835317        14835496        .       -
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        .       Parent=Smp_154080.1
SM_V9_6 Liftoff exon    14835531        14835735        .       -
        .       Parent=Smp_154080.1
SM_V9_6 Liftoff CDS     14833501        14833560        .       -
        0       Parent=Smp_154080.1
SM_V9_6 Liftoff CDS     14835143        14835283        .       -
        0       Parent=Smp_154080.1
SM_V9_6 Liftoff CDS     14835317        14835496        .       -
        0       Parent=Smp_154080.1
SM_V9_6 Liftoff CDS     14835531        14835704        .       -
        0       Parent=Smp_154080.1
SM_V9_6 Liftoff mRNA    14833392        14835735        .       -
        .
ID=Smp_154080.2;Parent=Smp_154080;geneID=Smp_154080;product=Protein
CIP2A
SM_V9_6 Liftoff exon    14833392        14835105        .       -
        .       Parent=Smp_154080.2
SM_V9_6 Liftoff exon    14835143        14835283        .       -
        .       Parent=Smp_154080.2
SM_V9_6 Liftoff exon    14835317        14835496        .       -
        .       Parent=Smp_154080.2
SM_V9_6 Liftoff exon    14835531        14835735        .       -
        .       Parent=Smp_154080.2
SM_V9_6 Liftoff CDS     14835082        14835105        .       -
        0       Parent=Smp_154080.2
SM_V9_6 Liftoff CDS     14835143        14835283        .       -
        0       Parent=Smp_154080.2
SM_V9_6 Liftoff CDS     14835317        14835496        .       -
        0       Parent=Smp_154080.2
SM_V9_6 Liftoff CDS     14835531        14835704        .       -
        0       Parent=Smp_154080.2
SM_V9_6 Liftoff gene    14861619        14864946        .       +
        .
ID=Smp_332170;geneID=Smp_332170;previous_systematic_id=Smp_174180
SM_V9_6 Liftoff mRNA    14861619        14864946        .       +
        .
ID=Smp_332170.1;Parent=Smp_332170;geneID=Smp_332170;product=Receptor
-type adenylate cyclase GRESAG 4.2 (Fragment)
SM_V9_6 Liftoff exon    14861619        14861693        .       +
        .       Parent=Smp_332170.1
SM_V9_6 Liftoff exon    14864292        14864946        .       +
        .       Parent=Smp_332170.1
SM_V9_6 Liftoff CDS     14861664        14861693        .       +
        0       Parent=Smp_332170.1
SM_V9_6 Liftoff CDS     14864292        14864432        .       +
        0       Parent=Smp_332170.1
SM_V9_6 Liftoff gene    14902079        14924963        .       +
        .       ID=Smp_025030;geneID=Smp_025030
SM_V9_6 Liftoff mRNA    14902079        14924963        .       +
        .
ID=Smp_025030.1;Parent=Smp_025030;geneID=Smp_025030;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    14902079        14902862        .       +
        .       Parent=Smp_025030.1
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SM_V9_6 Liftoff exon    14919079        14919255        .       +
        .       Parent=Smp_025030.1
SM_V9_6 Liftoff exon    14921241        14921831        .       +
        .       Parent=Smp_025030.1
SM_V9_6 Liftoff exon    14923684        14924963        .       +
        .       Parent=Smp_025030.1
SM_V9_6 Liftoff CDS     14902278        14902862        .       +
        0       Parent=Smp_025030.1
SM_V9_6 Liftoff CDS     14919079        14919255        .       +
        0       Parent=Smp_025030.1
SM_V9_6 Liftoff CDS     14921241        14921831        .       +
        0       Parent=Smp_025030.1
SM_V9_6 Liftoff CDS     14923684        14924259        .       +
        0       Parent=Smp_025030.1
SM_V9_6 iris    gene    14928221        14944335        .       -
        .
ID=Smp_025020;geneID=Smp_025020;gene_name=Smp_025020;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    14928221        14944335        .       -
        .
ID=Smp_025020.1;Parent=Smp_025020;geneID=Smp_025020;gene_name=Smp_02
5020;owner=irisadmin@local.host;orig_id=Smp_025020.1;date_last_modif
ied=2022-07-18;Name=Smp_025020.1;product=Chaperone protein HscA
homolog;date_creation=2022-07-18
SM_V9_6 iris    exon    14928221        14928756        .       -
        .       Parent=Smp_025020.1;Name=20515f27-c276-45a7-
b0a8-2fb52f68daf4
SM_V9_6 iris    exon    14930950        14931135        .       -
        .       Parent=Smp_025020.1;Name=5fffca77-2621-42c8-9817-
ec53173901ef
SM_V9_6 iris    exon    14933634        14933709        .       -
        .       Parent=Smp_025020.1;Name=1259fbcd-af0c-4f81-
a8b8-5e449c61ad0c
SM_V9_6 iris    exon    14933761        14933909        .       -
        .       Parent=Smp_025020.1;Name=1f7714ac-
ac70-4aa4-96cf-8d8862320d15
SM_V9_6 iris    exon    14939741        14939866        .       -
        .
Parent=Smp_025020.1;Name=b62075d3-7917-492e-8d2c-427515070c0f
SM_V9_6 iris    exon    14939906        14939987        .       -
        .       Parent=Smp_025020.1;Name=6be74cbb-bc2a-46a8-a7a6-
abc8b674a052
SM_V9_6 iris    exon    14944285        14944335        .       -
        .       Parent=Smp_025020.1;Name=f5826f67-eafd-4959-
a3fc-6762b8bb208b
SM_V9_6 iris    CDS     14928553        14928756        .       -
        0       Parent=Smp_025020.1
SM_V9_6 iris    CDS     14930950        14931135        .       -
        0       Parent=Smp_025020.1
SM_V9_6 iris    CDS     14933634        14933709        .       -
        1       Parent=Smp_025020.1
SM_V9_6 iris    CDS     14933761        14933909        .       -
        0       Parent=Smp_025020.1
SM_V9_6 iris    CDS     14939741        14939866        .       -
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        0       Parent=Smp_025020.1
SM_V9_6 iris    CDS     14939906        14939920        .       -
        0       Parent=Smp_025020.1
SM_V9_6 Liftoff gene    14963787        14972676        .       -
        .       ID=Smp_025010;geneID=Smp_025010
SM_V9_6 Liftoff mRNA    14963787        14972676        .       -
        .
ID=Smp_025010.1;Parent=Smp_025010;geneID=Smp_025010;product=Casein
kinase II subunit
beta;polypeptide_domain=InterPro:IPR000704,IPR016149
Pfam:PF01214;Ontology_term=GO:0005956,GO:0019887
SM_V9_6 Liftoff exon    14963787        14964048        .       -
        .       Parent=Smp_025010.1
SM_V9_6 Liftoff exon    14968685        14968908        .       -
        .       Parent=Smp_025010.1
SM_V9_6 Liftoff exon    14969630        14969781        .       -
        .       Parent=Smp_025010.1
SM_V9_6 Liftoff exon    14971025        14972676        .       -
        .       Parent=Smp_025010.1
SM_V9_6 Liftoff CDS     14963946        14964048        .       -
        1       Parent=Smp_025010.1
SM_V9_6 Liftoff CDS     14968685        14968908        .       -
        0       Parent=Smp_025010.1
SM_V9_6 Liftoff CDS     14969630        14969781        .       -
        2       Parent=Smp_025010.1
SM_V9_6 Liftoff CDS     14971025        14971199        .       -
        0       Parent=Smp_025010.1
SM_V9_6 Liftoff gene    14977080        15016903        .       +
        .       ID=Smp_135770;geneID=Smp_135770
SM_V9_6 Liftoff mRNA    14977080        15016903        .       +
        .
ID=Smp_135770.1;Parent=Smp_135770;geneID=Smp_135770;product=Palmitoy
ltransferase ZDHHC9;polypeptide_domain=InterPro:IPR001594
Pfam:PF01529
SM_V9_6 Liftoff exon    14977080        14979371        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    14980579        14980776        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    14984332        14984469        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    14992353        14992404        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    14995597        14995699        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    14998842        14998951        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    15004554        15004725        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    15009799        15009888        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff exon    15010831        15016903        .       +
        .       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     14979050        14979371        .       +
        0       Parent=Smp_135770.1
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SM_V9_6 Liftoff CDS     14980579        14980776        .       +
        2       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     14984332        14984469        .       +
        2       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     14992353        14992404        .       +
        2       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     14995597        14995699        .       +
        1       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     14998842        14998951        .       +
        0       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     15004554        15004725        .       +
        1       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     15009799        15009888        .       +
        0       Parent=Smp_135770.1
SM_V9_6 Liftoff CDS     15010831        15010857        .       +
        0       Parent=Smp_135770.1
SM_V9_6 iris    gene    15047626        15057606        .       -
        .
ID=Smp_024970;geneID=Smp_024970;gene_name=Smp_024970;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    15047626        15057606        .       -
        .
ID=Smp_024970.1;Parent=Smp_024970;geneID=Smp_024970;gene_name=Smp_02
4970;owner=irisadmin@local.host;orig_id=Smp_024970.1;date_last_modif
ied=2022-07-18;Name=Smp_024970.1;product=CCR4-NOT transcription
complex subunit 2;date_creation=2022-07-18
SM_V9_6 iris    exon    15047626        15050143        .       -
        .       Parent=Smp_024970.1;Name=f09b0402-
be99-404c-9f36-8cb46ba54369
SM_V9_6 iris    exon    15051902        15052117        .       -
        .       Parent=Smp_024970.1;Name=1ba78478-dee1-4654-
b3b0-0109b5cfbadd
SM_V9_6 iris    exon    15054258        15055384        .       -
        .       Parent=Smp_024970.1;Name=d178fe77-63e0-4f61-a8ef-
e33b9f24b8f1
SM_V9_6 iris    exon    15056862        15056937        .       -
        .       Parent=Smp_024970.1;Name=dc747196-51c3-4ce0-9382-
e6bdb3b0f2e7
SM_V9_6 iris    exon    15056974        15057021        .       -
        .       Parent=Smp_024970.1;Name=83144f31-8841-4936-
b00f-274616a9e632
SM_V9_6 iris    exon    15057068        15057606        .       -
        .       Parent=Smp_024970.1;Name=84c08a4b-aab9-45d2-
b0d7-0fcb5eca181d
SM_V9_6 iris    CDS     15049378        15050143        .       -
        1       Parent=Smp_024970.1
SM_V9_6 iris    CDS     15051902        15052117        .       -
        1       Parent=Smp_024970.1
SM_V9_6 iris    CDS     15054258        15055384        .       -
        0       Parent=Smp_024970.1
SM_V9_6 iris    CDS     15056862        15056937        .       -
        1       Parent=Smp_024970.1
SM_V9_6 iris    CDS     15056974        15057021        .       -
        1       Parent=Smp_024970.1
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SM_V9_6 iris    CDS     15057068        15057084        .       -
        0       Parent=Smp_024970.1
SM_V9_6 Liftoff gene    15062417        15064229        .       -
        .       ID=Smp_135750;geneID=Smp_135750
SM_V9_6 Liftoff mRNA    15062417        15064229        .       -
        .
ID=Smp_135750.1;Parent=Smp_135750;geneID=Smp_135750;product=Probable
Xaa-Pro aminopeptidase PTRG_10574
SM_V9_6 Liftoff exon    15062417        15062502        .       -
        .       Parent=Smp_135750.1
SM_V9_6 Liftoff exon    15064115        15064229        .       -
        .       Parent=Smp_135750.1
SM_V9_6 Liftoff CDS     15062417        15062502        .       -
        2       Parent=Smp_135750.1
SM_V9_6 Liftoff CDS     15064115        15064229        .       -
        0       Parent=Smp_135750.1
SM_V9_6 iris    gene    15064620        15065103        .       +
        .
ID=Smp_135740;geneID=Smp_135740;gene_name=Smp_135740;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    15064620        15065103        .       +
        .
ID=Smp_135740.1;Parent=Smp_135740;geneID=Smp_135740;gene_name=Smp_13
5740;owner=irisadmin@local.host;orig_id=Smp_135740.1;date_last_modif
ied=2022-08-18;Name=Smp_135740.1;product=Probable splicing factor 3B
subunit 5;date_creation=2022-08-18
SM_V9_6 iris    exon    15064620        15064760        .       +
        .
Parent=Smp_135740.1;Name=5baa61c6-46b4-453a-9ded-475605ebe6ba
SM_V9_6 iris    exon    15064803        15065103        .       +
        .       Parent=Smp_135740.1;Name=59ff91a3-82bf-4579-
be13-3c7f1526e14b
SM_V9_6 iris    CDS     15064703        15064760        .       +
        0       Parent=Smp_135740.1
SM_V9_6 iris    CDS     15064803        15065002        .       +
        2       Parent=Smp_135740.1
SM_V9_6 Liftoff gene    15082963        15098556        .       -
        .
ID=Smp_348400;geneID=Smp_348400;previous_systematic_id=Smp_242980
SM_V9_6 Liftoff mRNA    15082963        15098556        .       -
        .
ID=Smp_348400.1;Parent=Smp_348400;geneID=Smp_348400;product=Protocad
herin 18;polypeptide_domain=InterPro:IPR002126,IPR015919,IPR020894
Pfam:PF00028;Ontology_term=GO:0005509,GO:0005886,GO:0007155,GO:00071
56,GO:0016020
SM_V9_6 Liftoff exon    15082963        15084430        .       -
        .       Parent=Smp_348400.1
SM_V9_6 Liftoff exon    15086551        15086623        .       -
        .       Parent=Smp_348400.1
SM_V9_6 Liftoff exon    15090279        15090403        .       -
        .       Parent=Smp_348400.1
SM_V9_6 Liftoff exon    15093590        15095978        .       -
        .       Parent=Smp_348400.1
SM_V9_6 Liftoff exon    15097862        15098556        .       -
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        .       Parent=Smp_348400.1
SM_V9_6 Liftoff CDS     15083433        15084430        .       -
        2       Parent=Smp_348400.1
SM_V9_6 Liftoff CDS     15086551        15086623        .       -
        0       Parent=Smp_348400.1
SM_V9_6 Liftoff CDS     15090279        15090403        .       -
        2       Parent=Smp_348400.1
SM_V9_6 Liftoff CDS     15093590        15095978        .       -
        0       Parent=Smp_348400.1
SM_V9_6 Liftoff CDS     15097862        15098284        .       -
        0       Parent=Smp_348400.1
SM_V9_6 Liftoff gene    15180969        15207831        .       -
        .
ID=Smp_337830;geneID=Smp_337830;previous_systematic_id=Smp_135720,Sm
p_135730,Smp_196750
SM_V9_6 Liftoff mRNA    15180969        15193456        .       -
        .
ID=Smp_337830.3;Parent=Smp_337830;geneID=Smp_337830;product=Biogenes
is of lysosome-related organelles complex 1 subunit
2;polypeptide_domain=InterPro:IPR019269 Pfam:PF10046
SM_V9_6 Liftoff exon    15180969        15182562        .       -
        .       Parent=Smp_337830.3
SM_V9_6 Liftoff exon    15186812        15186916        .       -
        .       Parent=Smp_337830.3
SM_V9_6 Liftoff exon    15188822        15188941        .       -
        .       Parent=Smp_337830.3
SM_V9_6 Liftoff exon    15193176        15193456        .       -
        .       Parent=Smp_337830.3
SM_V9_6 Liftoff CDS     15182552        15182562        .       -
        2       Parent=Smp_337830.3
SM_V9_6 Liftoff CDS     15186812        15186916        .       -
        2       Parent=Smp_337830.3
SM_V9_6 Liftoff CDS     15188822        15188941        .       -
        2       Parent=Smp_337830.3
SM_V9_6 Liftoff CDS     15193176        15193320        .       -
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SM_V9_6 Liftoff mRNA    15181062        15207831        .       -
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mitochondrial;polypeptide_domain=InterPro:IPR001753,IPR029045
Pfam:PF00378;Ontology_term=GO:0003824,GO:0008152
SM_V9_6 Liftoff exon    15181062        15195072        .       -
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SM_V9_6 Liftoff exon    15196026        15196183        .       -
        .       Parent=Smp_337830.1
SM_V9_6 Liftoff exon    15197549        15197774        .       -
        .       Parent=Smp_337830.1
SM_V9_6 Liftoff exon    15200720        15200974        .       -
        .       Parent=Smp_337830.1
SM_V9_6 Liftoff exon    15201012        15207831        .       -
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SM_V9_6 Liftoff CDS     15194959        15195072        .       -
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SM_V9_6 Liftoff CDS     15196026        15196183        .       -
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SM_V9_6 Liftoff CDS     15201012        15201089        .       -
        0       Parent=Smp_337830.1
SM_V9_6 Liftoff gene    15194722        15207956        .       -
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SM_V9_6 Liftoff mRNA    15194722        15207956        .       -
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Pfam:PF00378;Ontology_term=GO:0003824,GO:0008152
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SM_V9_6 Liftoff exon    15196026        15196183        .       -
        .       Parent=Smp_024930.1
SM_V9_6 Liftoff exon    15197549        15197774        .       -
        .       Parent=Smp_024930.1
SM_V9_6 Liftoff exon    15200720        15200974        .       -
        .       Parent=Smp_024930.1
SM_V9_6 Liftoff exon    15201012        15207956        .       -
        .       Parent=Smp_024930.1
SM_V9_6 Liftoff CDS     15194959        15195072        .       -
        0       Parent=Smp_024930.1
SM_V9_6 Liftoff CDS     15196026        15196183        .       -
        2       Parent=Smp_024930.1
SM_V9_6 Liftoff CDS     15197549        15197774        .       -
        0       Parent=Smp_024930.1
SM_V9_6 Liftoff CDS     15200720        15200974        .       -
        0       Parent=Smp_024930.1
SM_V9_6 Liftoff CDS     15201012        15201089        .       -
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SM_V9_6 Liftoff mRNA    15194722        15207956        .       -
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Pfam:PF00378;Ontology_term=GO:0003824,GO:0008152
SM_V9_6 Liftoff exon    15194722        15195072        .       -
        .       Parent=Smp_024930.2
SM_V9_6 Liftoff exon    15196026        15196183        .       -
        .       Parent=Smp_024930.2
SM_V9_6 Liftoff exon    15197549        15207956        .       -
        .       Parent=Smp_024930.2
SM_V9_6 Liftoff CDS     15194959        15195072        .       -
        0       Parent=Smp_024930.2
SM_V9_6 Liftoff CDS     15196026        15196183        .       -
        2       Parent=Smp_024930.2
SM_V9_6 Liftoff CDS     15197549        15197771        .       -
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        .       ID=Smp_135710;geneID=Smp_135710
SM_V9_6 Liftoff mRNA    15221730        15265717        .       +
        .
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K1;polypeptide_domain=InterPro:IPR000253,IPR001766,IPR008984,IPR0119
91,IPR018122,IPR030456
Pfam:PF00250,PF00498;Ontology_term=GO:0003700,GO:0005515,GO:0006355,
GO:0043565
SM_V9_6 Liftoff exon    15221730        15222082        .       +
        .       Parent=Smp_135710.1
SM_V9_6 Liftoff exon    15222131        15222286        .       +
        .       Parent=Smp_135710.1
SM_V9_6 Liftoff exon    15225818        15226350        .       +
        .       Parent=Smp_135710.1
SM_V9_6 Liftoff exon    15230721        15231175        .       +
        .       Parent=Smp_135710.1
SM_V9_6 Liftoff exon    15234555        15235279        .       +
        .       Parent=Smp_135710.1
SM_V9_6 Liftoff exon    15263062        15263539        .       +
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SM_V9_6 Liftoff exon    15265243        15265717        .       +
        .       Parent=Smp_135710.1
SM_V9_6 Liftoff CDS     15221802        15222082        .       +
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SM_V9_6 Liftoff CDS     15222131        15222286        .       +
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SM_V9_6 Liftoff CDS     15225818        15226350        .       +
        1       Parent=Smp_135710.1
SM_V9_6 Liftoff CDS     15230721        15231175        .       +
        2       Parent=Smp_135710.1
SM_V9_6 Liftoff CDS     15234555        15235279        .       +
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        1       Parent=Smp_135710.1
SM_V9_6 Liftoff CDS     15265243        15265545        .       +
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        .       ID=Smp_024900;geneID=Smp_024900
SM_V9_6 Liftoff mRNA    15265721        15280876        .       -
        .
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astoma-like protein
1;polypeptide_domain=InterPro:IPR002719,IPR002720,IPR013763,IPR02459
9 Pfam:PF01857,PF01858,PF11934;Ontology_term=GO:0005634,GO:0051726
SM_V9_6 Liftoff exon    15265721        15266390        .       -
        .       Parent=Smp_024900.1
SM_V9_6 Liftoff exon    15267119        15267504        .       -
        .       Parent=Smp_024900.1
SM_V9_6 Liftoff exon    15268595        15269383        .       -
        .       Parent=Smp_024900.1
SM_V9_6 Liftoff exon    15271319        15271504        .       -
        .       Parent=Smp_024900.1
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SM_V9_6 Liftoff exon    15273230        15273739        .       -
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SM_V9_6 Liftoff exon    15275751        15275891        .       -
        .       Parent=Smp_024900.1
SM_V9_6 Liftoff exon    15277087        15277329        .       -
        .       Parent=Smp_024900.1
SM_V9_6 Liftoff exon    15278247        15278608        .       -
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SM_V9_6 Liftoff exon    15280316        15280876        .       -
        .       Parent=Smp_024900.1
SM_V9_6 Liftoff CDS     15266063        15266390        .       -
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SM_V9_6 Liftoff CDS     15267119        15267504        .       -
        0       Parent=Smp_024900.1
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SM_V9_6 Liftoff CDS     15271319        15271504        .       -
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SM_V9_6 Liftoff CDS     15277087        15277329        .       -
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SM_V9_6 Liftoff CDS     15278247        15278608        .       -
        2       Parent=Smp_024900.1
SM_V9_6 Liftoff CDS     15280316        15280454        .       -
        0       Parent=Smp_024900.1
SM_V9_6 Liftoff gene    15291490        15306234        .       +
        .       ID=Smp_024880;geneID=Smp_024880
SM_V9_6 Liftoff mRNA    15291490        15306234        .       +
        .
ID=Smp_024880.1;Parent=Smp_024880;geneID=Smp_024880;product=Eukaryot
ic translation initiation factor 1A, X-
chromosomal;polypeptide_domain=InterPro:IPR001253,IPR006196,IPR01234
0,IPR018104
Pfam:PF01176;Ontology_term=GO:0003723,GO:0003743,GO:0006413
SM_V9_6 Liftoff exon    15291490        15291580        .       +
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SM_V9_6 Liftoff exon    15291665        15291748        .       +
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SM_V9_6 Liftoff exon    15297483        15297586        .       +
        .       Parent=Smp_024880.1
SM_V9_6 Liftoff exon    15300031        15300145        .       +
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SM_V9_6 Liftoff exon    15301774        15306234        .       +
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SM_V9_6 Liftoff CDS     15291565        15291580        .       +
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SM_V9_6 Liftoff CDS     15291665        15291748        .       +
        2       Parent=Smp_024880.1
SM_V9_6 Liftoff CDS     15297483        15297586        .       +
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SM_V9_6 Liftoff CDS     15300031        15300145        .       +
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        0       Parent=Smp_024880.1
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SM_V9_6 Liftoff mRNA    15312530        15332796        .       +
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ID=Smp_024870.1;Parent=Smp_024870;geneID=Smp_024870;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR029021
SM_V9_6 Liftoff exon    15312530        15312715        .       +
        .       Parent=Smp_024870.1
SM_V9_6 Liftoff exon    15312754        15312878        .       +
        .       Parent=Smp_024870.1
SM_V9_6 Liftoff exon    15327957        15328089        .       +
        .       Parent=Smp_024870.1
SM_V9_6 Liftoff exon    15331506        15332796        .       +
        .       Parent=Smp_024870.1
SM_V9_6 Liftoff CDS     15312584        15312715        .       +
        0       Parent=Smp_024870.1
SM_V9_6 Liftoff CDS     15312754        15312878        .       +
        0       Parent=Smp_024870.1
SM_V9_6 Liftoff CDS     15327957        15328089        .       +
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SM_V9_6 Liftoff CDS     15331506        15332306        .       +
        0       Parent=Smp_024870.1
SM_V9_6 Liftoff gene    15371160        15379790        .       +
        .       ID=Smp_024860;geneID=Smp_024860
SM_V9_6 Liftoff mRNA    15371160        15379790        .       +
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of split mbeta
protein;polypeptide_domain=InterPro:IPR011598,IPR018247
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_6 Liftoff exon    15371160        15371832        .       +
        .       Parent=Smp_024860.1
SM_V9_6 Liftoff exon    15378536        15379790        .       +
        .       Parent=Smp_024860.1
SM_V9_6 Liftoff CDS     15371371        15371832        .       +
        0       Parent=Smp_024860.1
SM_V9_6 Liftoff CDS     15378536        15379537        .       +
        0       Parent=Smp_024860.1
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        .
ID=Smp_024850;geneID=Smp_024850;gene_name=Smp_024850;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    15390491        15391260        .       -
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ID=Smp_024850.1;Parent=Smp_024850;geneID=Smp_024850;gene_name=Smp_02
4850;owner=irisadmin@local.host;orig_id=Smp_024850.1;date_last_modif
ied=2022-08-18;Name=Smp_024850.1;product=60S ribosomal protein
L17;date_creation=2022-08-18
SM_V9_6 iris    exon    15390491        15390741        .       -
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SM_V9_6 iris    exon    15391063        15391260        .       -
        .       Parent=Smp_024850.1;Name=fa5bf220-e30e-41f7-a26f-
fe9b436e43bc
SM_V9_6 iris    CDS     15390529        15390741        .       -
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ID=Smp_342990;geneID=Smp_342990;previous_systematic_id=Smp_135670
SM_V9_6 Liftoff mRNA    15399975        15447553        .       -
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ID=Smp_342990.1;Parent=Smp_342990;geneID=Smp_342990;product=Dynein
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Pfam:PF14772,PF14775
SM_V9_6 Liftoff exon    15399975        15400154        .       -
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SM_V9_6 Liftoff exon    15402086        15402257        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15405485        15405726        .       -
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SM_V9_6 Liftoff exon    15408179        15408333        .       -
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        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15411576        15411665        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15414417        15414528        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15416420        15416512        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15421335        15421481        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15424069        15424143        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15426142        15426341        .       -
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SM_V9_6 Liftoff exon    15427580        15427702        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15434167        15434253        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15439714        15439788        .       -
        .       Parent=Smp_342990.1
SM_V9_6 Liftoff exon    15439898        15439954        .       -
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SM_V9_6 Liftoff exon    15447070        15447316        .       -
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SM_V9_6 Liftoff CDS     15405485        15405726        .       -
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SM_V9_6 Liftoff CDS     15410077        15410194        .       -
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SM_V9_6 Liftoff CDS     15424069        15424143        .       -
        1       Parent=Smp_342990.1
SM_V9_6 Liftoff CDS     15426142        15426341        .       -
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SM_V9_6 Liftoff CDS     15427580        15427702        .       -
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SM_V9_6 Liftoff CDS     15439898        15439954        .       -
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        1       Parent=Smp_342990.1
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ID=Smp_342990.2;Parent=Smp_342990;geneID=Smp_342990;product=Dynein
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Pfam:PF14772,PF14775
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SM_V9_6 Liftoff exon    15402086        15402257        .       -
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SM_V9_6 Liftoff exon    15405485        15405726        .       -
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SM_V9_6 Liftoff exon    15408179        15408333        .       -
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SM_V9_6 Liftoff exon    15410077        15410194        .       -
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SM_V9_6 Liftoff exon    15426142        15426341        .       -
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        .       Parent=Smp_342990.2
SM_V9_6 Liftoff exon    15439714        15439788        .       -
        .       Parent=Smp_342990.2
SM_V9_6 Liftoff exon    15439898        15439954        .       -
        .       Parent=Smp_342990.2
SM_V9_6 Liftoff exon    15447070        15447316        .       -
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SM_V9_6 Liftoff exon    15447358        15447553        .       -
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SM_V9_6 Liftoff CDS     15410077        15410194        .       -
        0       Parent=Smp_342990.2
SM_V9_6 Liftoff CDS     15411576        15411665        .       -
        0       Parent=Smp_342990.2
SM_V9_6 Liftoff CDS     15414417        15414528        .       -
        1       Parent=Smp_342990.2
SM_V9_6 Liftoff CDS     15416420        15416512        .       -
        1       Parent=Smp_342990.2
SM_V9_6 Liftoff CDS     15421335        15421481        .       -
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SM_V9_6 Liftoff CDS     15424069        15424143        .       -
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SM_V9_6 Liftoff CDS     15426142        15426341        .       -
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SM_V9_6 Liftoff CDS     15434167        15434253        .       -
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SM_V9_6 Liftoff CDS     15439714        15439788        .       -
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SM_V9_6 Liftoff CDS     15439898        15439954        .       -
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SM_V9_6 Liftoff CDS     15447070        15447316        .       -
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SM_V9_6 Liftoff CDS     15447358        15447500        .       -
        0       Parent=Smp_342990.2
SM_V9_6 Liftoff gene    15476917        15477876        .       -
        .       ID=Smp_331610;geneID=Smp_331610
SM_V9_6 Liftoff mRNA    15476917        15477876        .       -
        .
ID=Smp_331610.1;Parent=Smp_331610;geneID=Smp_331610;product=Alpha-1,
4-glucan:maltose-1-phosphate maltosyltransferase (Fragment)
SM_V9_6 Liftoff exon    15476917        15477876        .       -
        .       Parent=Smp_331610.1
SM_V9_6 Liftoff CDS     15477666        15477851        .       -
        0       Parent=Smp_331610.1
SM_V9_6 Liftoff gene    15480377        15481034        .       +
        .       ID=Smp_203020;geneID=Smp_203020
SM_V9_6 Liftoff mRNA    15480377        15481034        .       +
        .
ID=Smp_203020.1;Parent=Smp_203020;geneID=Smp_203020;product=DNA
mismatch repair protein MutL
SM_V9_6 Liftoff exon    15480377        15481034        .       +
        .       Parent=Smp_203020.1
SM_V9_6 Liftoff CDS     15480402        15480785        .       +
        0       Parent=Smp_203020.1
SM_V9_6 Liftoff gene    15485517        15499231        .       +
        .       ID=Smp_159620;geneID=Smp_159620
SM_V9_6 Liftoff mRNA    15485517        15499231        .       +
        .
ID=Smp_159620.1;Parent=Smp_159620;geneID=Smp_159620;product=BTB/POZ
domain-containing protein
KCTD20;polypeptide_domain=InterPro:IPR011333 Pfam:PF16017
SM_V9_6 Liftoff exon    15485517        15485690        .       +
        .       Parent=Smp_159620.1
SM_V9_6 Liftoff exon    15490271        15490739        .       +
        .       Parent=Smp_159620.1
SM_V9_6 Liftoff exon    15491981        15494094        .       +
        .       Parent=Smp_159620.1
SM_V9_6 Liftoff exon    15495819        15499231        .       +
        .       Parent=Smp_159620.1
SM_V9_6 Liftoff CDS     15485632        15485690        .       +
        0       Parent=Smp_159620.1
SM_V9_6 Liftoff CDS     15490271        15490739        .       +
        1       Parent=Smp_159620.1
SM_V9_6 Liftoff CDS     15491981        15494094        .       +
        0       Parent=Smp_159620.1
SM_V9_6 Liftoff CDS     15495819        15497202        .       +
        1       Parent=Smp_159620.1
SM_V9_6 Liftoff gene    15521591        15525893        .       -
        .       ID=Smp_317480;geneID=Smp_317480
SM_V9_6 Liftoff mRNA    15521591        15525893        .       -
        .
ID=Smp_317480.1;Parent=Smp_317480;geneID=Smp_317480;product=50S
ribosomal protein L31
SM_V9_6 Liftoff exon    15521591        15525893        .       -
        .       Parent=Smp_317480.1
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SM_V9_6 Liftoff CDS     15522505        15522690        .       -
        0       Parent=Smp_317480.1
SM_V9_6 Liftoff gene    15634347        15637101        .       +
        .       ID=Smp_317490;geneID=Smp_317490
SM_V9_6 Liftoff mRNA    15634347        15637101        .       +
        .
ID=Smp_317490.1;Parent=Smp_317490;geneID=Smp_317490;product=Dymeclin
SM_V9_6 Liftoff exon    15634347        15637101        .       +
        .       Parent=Smp_317490.1
SM_V9_6 Liftoff CDS     15636764        15636961        .       +
        0       Parent=Smp_317490.1
SM_V9_6 Liftoff gene    15668940        15682965        .       -
        .       ID=Smp_149240;geneID=Smp_149240
SM_V9_6 Liftoff mRNA    15668940        15682965        .       -
        .
ID=Smp_149240.1;Parent=Smp_149240;geneID=Smp_149240;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR000953,IPR016197,IPR023779,IP
R023780 Pfam:PF00385
SM_V9_6 Liftoff exon    15668940        15674171        .       -
        .       Parent=Smp_149240.1
SM_V9_6 Liftoff exon    15674829        15675423        .       -
        .       Parent=Smp_149240.1
SM_V9_6 Liftoff exon    15676560        15676625        .       -
        .       Parent=Smp_149240.1
SM_V9_6 Liftoff exon    15681172        15681215        .       -
        .       Parent=Smp_149240.1
SM_V9_6 Liftoff exon    15682608        15682965        .       -
        .       Parent=Smp_149240.1
SM_V9_6 Liftoff CDS     15669909        15674171        .       -
        0       Parent=Smp_149240.1
SM_V9_6 Liftoff CDS     15674829        15675423        .       -
        1       Parent=Smp_149240.1
SM_V9_6 Liftoff CDS     15676560        15676625        .       -
        1       Parent=Smp_149240.1
SM_V9_6 Liftoff CDS     15681172        15681215        .       -
        0       Parent=Smp_149240.1
SM_V9_6 Liftoff CDS     15682608        15682679        .       -
        0       Parent=Smp_149240.1
SM_V9_6 Liftoff gene    15814705        15836652        .       +
        .
ID=Smp_347910;geneID=Smp_347910;previous_systematic_id=Smp_141470,Sm
p_247960
SM_V9_6 Liftoff mRNA    15814705        15836652        .       +
        .
ID=Smp_347910.1;Parent=Smp_347910;geneID=Smp_347910;product=Cytochro
me c oxidase assembly protein COX11,
mitochondrial;polypeptide_domain=InterPro:IPR007533,IPR023471
Pfam:PF04442;Ontology_term=GO:0005507
SM_V9_6 Liftoff exon    15814705        15826679        .       +
        .       Parent=Smp_347910.1
SM_V9_6 Liftoff exon    15830083        15830214        .       +
        .       Parent=Smp_347910.1
SM_V9_6 Liftoff exon    15834676        15834717        .       +
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        .       Parent=Smp_347910.1
SM_V9_6 Liftoff exon    15835783        15836652        .       +
        .       Parent=Smp_347910.1
SM_V9_6 Liftoff CDS     15826587        15826679        .       +
        0       Parent=Smp_347910.1
SM_V9_6 Liftoff CDS     15830083        15830214        .       +
        0       Parent=Smp_347910.1
SM_V9_6 Liftoff CDS     15834676        15834717        .       +
        0       Parent=Smp_347910.1
SM_V9_6 Liftoff CDS     15835783        15835974        .       +
        0       Parent=Smp_347910.1
SM_V9_6 Liftoff mRNA    15814710        15836649        .       +
        .
ID=Smp_347910.2;Parent=Smp_347910;geneID=Smp_347910;product=Cytochro
me c oxidase assembly protein COX11,
mitochondrial;polypeptide_domain=InterPro:IPR007533,IPR023471
Pfam:PF04442;Ontology_term=GO:0005507
SM_V9_6 Liftoff exon    15814710        15821838        .       +
        .       Parent=Smp_347910.2
SM_V9_6 Liftoff exon    15826527        15826679        .       +
        .       Parent=Smp_347910.2
SM_V9_6 Liftoff exon    15830083        15830214        .       +
        .       Parent=Smp_347910.2
SM_V9_6 Liftoff exon    15834676        15834717        .       +
        .       Parent=Smp_347910.2
SM_V9_6 Liftoff exon    15835783        15836649        .       +
        .       Parent=Smp_347910.2
SM_V9_6 Liftoff CDS     15821614        15821838        .       +
        0       Parent=Smp_347910.2
SM_V9_6 Liftoff CDS     15826527        15826679        .       +
        0       Parent=Smp_347910.2
SM_V9_6 Liftoff CDS     15830083        15830214        .       +
        0       Parent=Smp_347910.2
SM_V9_6 Liftoff CDS     15834676        15834717        .       +
        0       Parent=Smp_347910.2
SM_V9_6 Liftoff CDS     15835783        15835974        .       +
        0       Parent=Smp_347910.2
SM_V9_6 iris    gene    15844983        15875797        .       +
        .
ID=Smp_141460;geneID=Smp_141460;gene_name=Smp_141460;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-18
SM_V9_6 iris    mRNA    15844983        15875797        .       +
        .
ID=Smp_141460.1;Parent=Smp_141460;geneID=Smp_141460;gene_name=Smp_14
1460;owner=irisadmin@local.host;orig_id=Smp_141460.1;date_last_modif
ied=2022-07-18;Name=Smp_141460.1;product=Protein
FAM92A;date_creation=2022-07-18
SM_V9_6 iris    exon    15844983        15845074        .       +
        .       Parent=Smp_141460.1;Name=bcc1cdc6-2d09-4c8c-
b2d5-31b704a6c94b
SM_V9_6 iris    exon    15855567        15855682        .       +
        .       Parent=Smp_141460.1;Name=283d6179-0f44-49d9-b137-
d9707751dc8c
SM_V9_6 iris    exon    15855834        15855958        .       +
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        .       Parent=Smp_141460.1;Name=20846d53-
f08e-4111-8667-5ef7da83f510
SM_V9_6 iris    exon    15856018        15856086        .       +
        .       Parent=Smp_141460.1;Name=c6a04a64-
d1e6-4b83-9ccb-4411f68dc6f6
SM_V9_6 iris    exon    15856191        15856283        .       +
        .       Parent=Smp_141460.1;Name=4d3ce928-
f20a-4131-856a-09969eefdac7
SM_V9_6 iris    exon    15870900        15871004        .       +
        .       Parent=Smp_141460.1;Name=9d46ce82-8f89-426f-aa6b-
a4168ba4c0d3
SM_V9_6 iris    exon    15872372        15872830        .       +
        .       Parent=Smp_141460.1;Name=5cf0b4d7-77a0-494a-b711-
b9303788d848
SM_V9_6 iris    exon    15874898        15875797        .       +
        .       Parent=Smp_141460.1;Name=6564ef69-d276-43dd-a4ca-
c248e848ea43
SM_V9_6 iris    CDS     15845016        15845074        .       +
        0       Parent=Smp_141460.1
SM_V9_6 iris    CDS     15855567        15855682        .       +
        1       Parent=Smp_141460.1
SM_V9_6 iris    CDS     15855834        15855958        .       +
        2       Parent=Smp_141460.1
SM_V9_6 iris    CDS     15856018        15856086        .       +
        0       Parent=Smp_141460.1
SM_V9_6 iris    CDS     15856191        15856283        .       +
        0       Parent=Smp_141460.1
SM_V9_6 iris    CDS     15870900        15871004        .       +
        0       Parent=Smp_141460.1
SM_V9_6 iris    CDS     15872372        15872830        .       +
        0       Parent=Smp_141460.1
SM_V9_6 iris    CDS     15874898        15875227        .       +
        0       Parent=Smp_141460.1
SM_V9_6 Liftoff gene    15883570        15893553        .       -
        .       ID=Smp_141450;geneID=Smp_141450
SM_V9_6 Liftoff mRNA    15883570        15893553        .       -
        .
ID=Smp_141450.1;Parent=Smp_141450;geneID=Smp_141450;product=Lectizym
e;polypeptide_domain=InterPro:IPR001254,IPR001314,IPR009003,IPR01811
4,IPR033116 Pfam:PF00089;Ontology_term=GO:0004252,GO:0006508
SM_V9_6 Liftoff exon    15883570        15884215        .       -
        .       Parent=Smp_141450.1
SM_V9_6 Liftoff exon    15885571        15885913        .       -
        .       Parent=Smp_141450.1
SM_V9_6 Liftoff exon    15893164        15893553        .       -
        .       Parent=Smp_141450.1
SM_V9_6 Liftoff CDS     15883869        15884215        .       -
        2       Parent=Smp_141450.1
SM_V9_6 Liftoff CDS     15885571        15885913        .       -
        0       Parent=Smp_141450.1
SM_V9_6 Liftoff CDS     15893164        15893328        .       -
        0       Parent=Smp_141450.1
SM_V9_6 iris    gene    15910512        15910919        .       -
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ID=Smp_035800;geneID=Smp_035800;gene_name=Smp_035800;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-18
SM_V9_6 iris    mRNA    15910512        15910919        .       -
        .
ID=Smp_035800.1;Parent=Smp_035800;geneID=Smp_035800;gene_name=Smp_03
5800;owner=irisadmin@local.host;orig_id=Smp_035800.1;date_last_modif
ied=2022-07-19;Name=Smp_035800.1;product=60S ribosomal protein
L37;date_creation=2022-07-18
SM_V9_6 iris    exon    15910512        15910821        .       -
        .
Parent=Smp_035800.1;Name=b3ef0275-02ab-46a1-843b-36c3796f1248
SM_V9_6 iris    exon    15910861        15910919        .       -
        .       Parent=Smp_035800.1;Name=36cff7c6-8d09-4241-
bbe8-7d67dfa84093
SM_V9_6 iris    CDS     15910548        15910814        .       -
        0       Parent=Smp_035800.1
SM_V9_6 Liftoff gene    15929738        15930166        .       +
        .       ID=Smp_035790;geneID=Smp_035790
SM_V9_6 Liftoff mRNA    15929738        15930166        .       +
        .
ID=Smp_035790.1;Parent=Smp_035790;geneID=Smp_035790;product=60S
ribosomal protein
L36a;polypeptide_domain=InterPro:IPR000552,IPR011332
Pfam:PF00935;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_6 Liftoff exon    15929738        15929925        .       +
        .       Parent=Smp_035790.1
SM_V9_6 Liftoff exon    15929960        15930166        .       +
        .       Parent=Smp_035790.1
SM_V9_6 Liftoff CDS     15929781        15929925        .       +
        0       Parent=Smp_035790.1
SM_V9_6 Liftoff CDS     15929960        15930135        .       +
        2       Parent=Smp_035790.1
SM_V9_6 iris    gene    15934783        15957805        .       -
        .
ID=Smp_141440;geneID=Smp_141440;gene_name=Smp_141440;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    15934783        15957805        .       -
        .
ID=Smp_141440.1;Parent=Smp_141440;geneID=Smp_141440;gene_name=Smp_14
1440;owner=irisadmin@local.host;orig_id=Smp_141440.1;date_last_modif
ied=2022-07-19;Name=Smp_141440.1;product=Eukaryotic translation
initiation factor 2-alpha kinase 1;date_creation=2022-07-19
SM_V9_6 iris    exon    15934783        15935167        .       -
        .       Parent=Smp_141440.1;Name=6c13fe42-
f4be-4b4f-902a-12053a649baa
SM_V9_6 iris    exon    15937143        15937232        .       -
        .       Parent=Smp_141440.1;Name=297c53d6-295a-4813-
b2d9-87afc575945c
SM_V9_6 iris    exon    15940854        15941105        .       -
        .       Parent=Smp_141440.1;Name=61253660-2156-4578-ba4f-
a1feb4374c97
SM_V9_6 iris    exon    15942566        15942878        .       -
        .       Parent=Smp_141440.1;Name=a83241dd-6389-4a27-a8f6-
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fb77893016b4
SM_V9_6 iris    exon    15943957        15944239        .       -
        .       Parent=Smp_141440.1;Name=fb9d4f5f-4f4b-4bc2-
a339-26a4e6b90699
SM_V9_6 iris    exon    15946597        15946915        .       -
        .       Parent=Smp_141440.1;Name=da9d6e1d-8c37-4577-
b7c2-91620c7336f5
SM_V9_6 iris    exon    15947973        15948233        .       -
        .
Parent=Smp_141440.1;Name=6a29e5f1-975c-4ba1-9bf3-5e506fd2770d
SM_V9_6 iris    exon    15949165        15949435        .       -
        .       Parent=Smp_141440.1;Name=e77a0312-d5e9-475a-a8be-
e7bcee43bf2e
SM_V9_6 iris    exon    15952124        15952158        .       -
        .       Parent=Smp_141440.1;Name=24d9f3d7-28b0-44b4-
b941-60e9aad54258
SM_V9_6 iris    exon    15954884        15954997        .       -
        .
Parent=Smp_141440.1;Name=faeccf20-4e01-44a8-8872-8ac9684c0620
SM_V9_6 iris    exon    15957307        15957378        .       -
        .       Parent=Smp_141440.1;Name=2c67cde4-
dacf-477b-9044-9a4b4a2e2d99
SM_V9_6 iris    exon    15957417        15957507        .       -
        .
Parent=Smp_141440.1;Name=8930b73d-157b-4554-84c5-39aa621ebc6d
SM_V9_6 iris    exon    15957542        15957555        .       -
        .       Parent=Smp_141440.1;Name=0536864b-911c-492f-bebd-
d7953e789081
SM_V9_6 iris    exon    15957590        15957708        .       -
        .       Parent=Smp_141440.1;Name=f9304209-9a0a-472a-
bc1c-8c74132809bf
SM_V9_6 iris    exon    15957746        15957805        .       -
        .       Parent=Smp_141440.1;Name=2994173c-cf89-497f-a959-
f84496a85597
SM_V9_6 iris    CDS     15934913        15935167        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15937143        15937232        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15940854        15941105        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15942566        15942878        .       -
        1       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15943957        15944239        .       -
        2       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15946597        15946915        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15947973        15948233        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15949165        15949435        .       -
        1       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15952124        15952158        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15954884        15954997        .       -
        0       Parent=Smp_141440.1
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SM_V9_6 iris    CDS     15957307        15957378        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15957417        15957507        .       -
        1       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15957542        15957555        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15957590        15957708        .       -
        2       Parent=Smp_141440.1
SM_V9_6 iris    CDS     15957746        15957782        .       -
        0       Parent=Smp_141440.1
SM_V9_6 iris    gene    15963672        15975221        .       +
        .
ID=Smp_141430;geneID=Smp_141430;gene_name=Smp_141430;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    15963672        15975221        .       +
        .
ID=Smp_141430.1;Parent=Smp_141430;geneID=Smp_141430;gene_name=Smp_14
1430;owner=irisadmin@local.host;orig_id=Smp_141430.1;date_last_modif
ied=2022-07-19;Name=Smp_141430.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_6 iris    exon    15963672        15964156        .       +
        .       Parent=Smp_141430.1;Name=62036cc4-96f1-4f56-8eb9-
a28734c26d15
SM_V9_6 iris    exon    15966459        15966772        .       +
        .       Parent=Smp_141430.1;Name=ad80790f-
c619-48d8-8da1-0b129aa76f24
SM_V9_6 iris    exon    15970337        15970643        .       +
        .
Parent=Smp_141430.1;Name=46345f15-3e11-4d40-8aa7-07c0e014a0f0
SM_V9_6 iris    exon    15972225        15972580        .       +
        .       Parent=Smp_141430.1;Name=ed9f5b7f-f1bf-446c-
bf33-1de950e61076
SM_V9_6 iris    exon    15974494        15975221        .       +
        .       Parent=Smp_141430.1;Name=e270d561-daf3-45e8-
b10e-1e4daf45600a
SM_V9_6 iris    CDS     15963682        15964156        .       +
        0       Parent=Smp_141430.1
SM_V9_6 iris    CDS     15966459        15966772        .       +
        2       Parent=Smp_141430.1
SM_V9_6 iris    CDS     15970337        15970643        .       +
        0       Parent=Smp_141430.1
SM_V9_6 iris    CDS     15972225        15972580        .       +
        2       Parent=Smp_141430.1
SM_V9_6 iris    CDS     15974494        15974604        .       +
        0       Parent=Smp_141430.1
SM_V9_6 Liftoff gene    15976258        15994418        .       -
        .
ID=Smp_345940;geneID=Smp_345940;previous_systematic_id=Smp_169850,Sm
p_189990
SM_V9_6 Liftoff mRNA    15976258        15994418        .       -
        .
ID=Smp_345940.1;Parent=Smp_345940;geneID=Smp_345940;product=Lateral
signaling target protein 2 homolog
SM_V9_6 Liftoff exon    15976258        15980249        .       -
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        .       Parent=Smp_345940.1
SM_V9_6 Liftoff exon    15981914        15982349        .       -
        .       Parent=Smp_345940.1
SM_V9_6 Liftoff exon    15985391        15985569        .       -
        .       Parent=Smp_345940.1
SM_V9_6 Liftoff exon    15989529        15989878        .       -
        .       Parent=Smp_345940.1
SM_V9_6 Liftoff exon    15991385        15991659        .       -
        .       Parent=Smp_345940.1
SM_V9_6 Liftoff exon    15992540        15992733        .       -
        .       Parent=Smp_345940.1
SM_V9_6 Liftoff exon    15994296        15994418        .       -
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SM_V9_6 Liftoff CDS     15979821        15980249        .       -
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SM_V9_6 Liftoff exon    16001579        16005307        .       -
        .       Parent=Smp_169860.1
SM_V9_6 Liftoff CDS     15999127        16000511        .       -
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SM_V9_6 Liftoff CDS     16001579        16001846        .       -
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SM_V9_6 Liftoff gene    16012581        16034066        .       +
        .       ID=Smp_169870;geneID=Smp_169870
SM_V9_6 Liftoff mRNA    16012581        16034066        .       +
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in;polypeptide_domain=InterPro:IPR005282,IPR006603 Pfam:PF04193
SM_V9_6 Liftoff exon    16012581        16012777        .       +
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SM_V9_6 Liftoff exon    16014517        16014735        .       +
        .       Parent=Smp_169870.1
SM_V9_6 Liftoff exon    16015553        16015693        .       +
        .       Parent=Smp_169870.1
SM_V9_6 Liftoff exon    16016826        16016925        .       +
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SM_V9_6 Liftoff exon    16022876        16022995        .       +
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SM_V9_6 Liftoff exon    16027920        16028090        .       +
        .       Parent=Smp_169870.1
SM_V9_6 Liftoff exon    16031953        16032070        .       +
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SM_V9_6 Liftoff exon    16033480        16034066        .       +
        .       Parent=Smp_169870.1
SM_V9_6 Liftoff CDS     16012632        16012777        .       +
        0       Parent=Smp_169870.1
SM_V9_6 Liftoff CDS     16014517        16014735        .       +
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SM_V9_6 Liftoff CDS     16015553        16015693        .       +
        1       Parent=Smp_169870.1
SM_V9_6 Liftoff CDS     16016826        16016925        .       +
        1       Parent=Smp_169870.1
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SM_V9_6 Liftoff CDS     16027920        16028090        .       +
        0       Parent=Smp_169870.1
SM_V9_6 Liftoff CDS     16031953        16032070        .       +
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SM_V9_6 Liftoff CDS     16033480        16033685        .       +
        2       Parent=Smp_169870.1
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@local.host;date_last_modified=2022-11-13;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16140181        16155109        .       -
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ied=2022-11-13;Name=Smp_169880.1;product=Zwei Ig domain protein
zig-8;date_creation=2022-07-19
SM_V9_6 iris    exon    16140181        16140375        .       -
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bdf7eeda6290
SM_V9_6 iris    exon    16142361        16142837        .       -
        .       Parent=Smp_169880.1;Name=dd0d7c13-
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SM_V9_6 iris    exon    16144491        16144565        .       -
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SM_V9_6 iris    exon    16152340        16152610        .       -
        .       Parent=Smp_169880.1;Name=fdf857e4-99c1-4425-80b3-
c1f01bfe791b
SM_V9_6 iris    exon    16154853        16155109        .       -
        .       Parent=Smp_169880.1;Name=2692cda0-6db7-4ad6-
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SM_V9_6 iris    CDS     16140221        16140375        .       -
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SM_V9_6 iris    CDS     16144491        16144565        .       -
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SM_V9_6 iris    CDS     16152340        16152610        .       -
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SM_V9_6 iris    CDS     16154853        16154885        .       -
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        .       ID=Smp_169890;geneID=Smp_169890
SM_V9_6 Liftoff mRNA    16212917        16274437        .       -
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ical
protein;polypeptide_domain=InterPro:IPR003599,IPR007110,IPR013106,IP
R013783 Pfam:PF07686
SM_V9_6 Liftoff exon    16212917        16213571        .       -
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SM_V9_6 Liftoff exon    16216481        16216537        .       -
        .       Parent=Smp_169890.1
SM_V9_6 Liftoff exon    16218233        16218697        .       -
        .       Parent=Smp_169890.1
SM_V9_6 Liftoff exon    16225496        16225564        .       -
        .       Parent=Smp_169890.1
SM_V9_6 Liftoff exon    16234480        16234813        .       -
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SM_V9_6 Liftoff exon    16242250        16242266        .       -
        .       Parent=Smp_169890.1
SM_V9_6 Liftoff exon    16246573        16246893        .       -
        .       Parent=Smp_169890.1
SM_V9_6 Liftoff exon    16273691        16274437        .       -
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SM_V9_6 Liftoff CDS     16213552        16213571        .       -
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SM_V9_6 Liftoff CDS     16216481        16216537        .       -
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SM_V9_6 Liftoff CDS     16218233        16218697        .       -
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SM_V9_6 Liftoff CDS     16225496        16225564        .       -
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SM_V9_6 Liftoff CDS     16246573        16246893        .       -
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SM_V9_6 Liftoff CDS     16273691        16273865        .       -
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SM_V9_6 Liftoff gene    16332728        16353608        .       -
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p_176190
SM_V9_6 Liftoff mRNA    16332728        16353608        .       -
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L-isoaspartate O-
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SM_V9_6 Liftoff mRNA    16360148        16360391        .       -
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-diphosphooligosaccharide--protein glycosyltransferase subunit
4;polypeptide_domain=InterPro:IPR018943 Pfam:PF10215
SM_V9_6 Liftoff exon    16360148        16360391        .       -
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SM_V9_6 Liftoff CDS     16360215        16360373        .       -
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SM_V9_6 Liftoff gene    16367692        16373796        .       +
        .       ID=Smp_176180;geneID=Smp_176180
SM_V9_6 Liftoff mRNA    16367692        16373796        .       +
        .
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Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR002413,IPR014044,IPR018244
Pfam:PF00188;Ontology_term=GO:0005576
SM_V9_6 Liftoff exon    16367692        16367907        .       +
        .       Parent=Smp_176180.1
SM_V9_6 Liftoff exon    16370771        16370910        .       +
        .       Parent=Smp_176180.1
SM_V9_6 Liftoff exon    16371654        16371741        .       +
        .       Parent=Smp_176180.1
SM_V9_6 Liftoff exon    16372657        16372751        .       +
        .       Parent=Smp_176180.1
SM_V9_6 Liftoff exon    16373324        16373796        .       +
        .       Parent=Smp_176180.1
SM_V9_6 Liftoff CDS     16367722        16367907        .       +
        0       Parent=Smp_176180.1
SM_V9_6 Liftoff CDS     16370771        16370910        .       +
        0       Parent=Smp_176180.1
SM_V9_6 Liftoff CDS     16371654        16371741        .       +
        1       Parent=Smp_176180.1
SM_V9_6 Liftoff CDS     16372657        16372751        .       +
        0       Parent=Smp_176180.1
SM_V9_6 Liftoff CDS     16373324        16373363        .       +
        1       Parent=Smp_176180.1
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        .       ID=Smp_176160;geneID=Smp_176160
SM_V9_6 Liftoff mRNA    16378298        16381030        .       -
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        .       Parent=Smp_176160.1
SM_V9_6 Liftoff exon    16380101        16380240        .       -
        .       Parent=Smp_176160.1
SM_V9_6 Liftoff exon    16380845        16381030        .       -
        .       Parent=Smp_176160.1
SM_V9_6 Liftoff CDS     16378298        16378337        .       -
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SM_V9_6 Liftoff CDS     16379116        16379210        .       -
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SM_V9_6 Liftoff CDS     16379557        16379644        .       -
        1       Parent=Smp_176160.1
SM_V9_6 Liftoff CDS     16380101        16380240        .       -
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SM_V9_6 Liftoff CDS     16380845        16381030        .       -
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SM_V9_6 Liftoff mRNA    16391663        16396588        .       -
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Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
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SM_V9_6 Liftoff exon    16393107        16393201        .       -
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SM_V9_6 Liftoff exon    16394271        16394358        .       -
        .       Parent=Smp_120670.1
SM_V9_6 Liftoff exon    16395070        16395209        .       -
        .       Parent=Smp_120670.1
SM_V9_6 Liftoff exon    16396377        16396588        .       -
        .       Parent=Smp_120670.1
SM_V9_6 Liftoff CDS     16391787        16391826        .       -
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SM_V9_6 Liftoff CDS     16393107        16393201        .       -
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SM_V9_6 Liftoff CDS     16394271        16394358        .       -
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SM_V9_6 Liftoff CDS     16395070        16395209        .       -
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SM_V9_6 Liftoff CDS     16396377        16396475        .       -
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SM_V9_6 Liftoff gene    16407844        16408810        .       -
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SM_V9_6 Liftoff CDS     16408593        16408778        .       -
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SM_V9_6 Liftoff mRNA    16413345        16416071        .       +
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Statement;polypeptide_domain=InterPro:IPR001283,IPR002413,IPR014044,
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SM_V9_6 Liftoff exon    16414728        16414815        .       +
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        .       Parent=Smp_154260.1
SM_V9_6 Liftoff exon    16416032        16416071        .       +
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SM_V9_6 Liftoff CDS     16413345        16413530        .       +
        0       Parent=Smp_154260.1
SM_V9_6 Liftoff CDS     16414121        16414260        .       +
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SM_V9_6 Liftoff CDS     16414728        16414815        .       +
        1       Parent=Smp_154260.1
SM_V9_6 Liftoff CDS     16415162        16415256        .       +
        0       Parent=Smp_154260.1
SM_V9_6 Liftoff CDS     16416032        16416071        .       +
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SM_V9_6 iris    gene    16419931        16445289        .       -
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16419931        16441042        .       -
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phosphoadenosine 5'-phosphosulfate synthase;date_creation=2022-07-19
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SM_V9_6 iris    exon    16426566        16426754        .       -
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SM_V9_6 iris    exon    16428061        16428215        .       -
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SM_V9_6 iris    exon    16430484        16430736        .       -
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d81cb71380e6
SM_V9_6 iris    exon    16435475        16435732        .       -
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fff793eb6b76
SM_V9_6 iris    exon    16439539        16439774        .       -
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Parent=Smp_154270.1;Name=11f9aaab-52df-4f03-85fc-86154d90ec3d
SM_V9_6 iris    exon    16440630        16441042        .       -
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Parent=Smp_154270.1;Name=7309650e-0d91-4290-8347-7d7988a0f60f
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SM_V9_6 iris    CDS     16425177        16425581        .       -
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SM_V9_6 iris    CDS     16439539        16439774        .       -
        2       Parent=Smp_154270.1
SM_V9_6 iris    CDS     16440630        16440729        .       -
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ied=2022-07-19;Name=Smp_154270.2;product=Bifunctional 3'-
phosphoadenosine 5'-phosphosulfate synthase;date_creation=2022-07-19
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SM_V9_6 iris    exon    16425177        16425581        .       -
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SM_V9_6 iris    exon    16426566        16426754        .       -
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adaf-14ba236cdd11
SM_V9_6 iris    exon    16428061        16428215        .       -
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SM_V9_6 iris    exon    16439539        16439774        .       -
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bdb9c6525b5b
SM_V9_6 iris    exon    16440630        16440731        .       -
        .       Parent=Smp_154270.2;Name=a7c56811-93ef-4387-
b7e4-9e370537bf9a
SM_V9_6 iris    exon    16445240        16445289        .       -
        .       Parent=Smp_154270.2;Name=c1a540be-fe26-40aa-8be6-
ad78776afbe5
SM_V9_6 iris    CDS     16421201        16421446        .       -
        0       Parent=Smp_154270.2
SM_V9_6 iris    CDS     16425177        16425581        .       -
        0       Parent=Smp_154270.2
SM_V9_6 iris    CDS     16426566        16426754        .       -
        0       Parent=Smp_154270.2
SM_V9_6 iris    CDS     16428061        16428215        .       -
        2       Parent=Smp_154270.2
SM_V9_6 iris    CDS     16430484        16430736        .       -
        0       Parent=Smp_154270.2
SM_V9_6 iris    CDS     16435475        16435732        .       -
        0       Parent=Smp_154270.2
SM_V9_6 iris    CDS     16439539        16439774        .       -
        2       Parent=Smp_154270.2
SM_V9_6 iris    CDS     16440630        16440729        .       -
        0       Parent=Smp_154270.2
SM_V9_6 iris    gene    16454652        16455416        .       +
        .
ID=Smp_317130;geneID=Smp_317130;gene_name=Smp_317130;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16454652        16455416        .       +
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7130;owner=irisadmin@local.host;orig_id=Smp_317130.1;date_last_modif
ied=2022-07-19;Name=Smp_317130.1;product=V-type proton ATPase
subunit e 1;date_creation=2022-07-19
SM_V9_6 iris    exon    16454652        16454814        .       +
        .       Parent=Smp_317130.1;Name=6566f85e-
fded-4a35-8362-0fac68aa929c
SM_V9_6 iris    exon    16454852        16454899        .       +
        .
Parent=Smp_317130.1;Name=d6ebfee1-6971-4140-8b67-0ce95c5eb542
SM_V9_6 iris    exon    16454937        16455027        .       +
        .
Parent=Smp_317130.1;Name=bfa8643c-502f-42ed-9dcf-73fb51f1a68e
SM_V9_6 iris    exon    16455062        16455416        .       +
        .       Parent=Smp_317130.1;Name=54d24370-003b-4f1b-
ba9a-47b4d03ec6cd
SM_V9_6 iris    CDS     16454720        16454814        .       +
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        0       Parent=Smp_317130.1
SM_V9_6 iris    CDS     16454852        16454899        .       +
        1       Parent=Smp_317130.1
SM_V9_6 iris    CDS     16454937        16455027        .       +
        1       Parent=Smp_317130.1
SM_V9_6 iris    CDS     16455062        16455079        .       +
        0       Parent=Smp_317130.1
SM_V9_6 Liftoff gene    16462683        16478198        .       -
        .
ID=Smp_214020;geneID=Smp_214020;previous_systematic_id=Smp_059660
SM_V9_6 Liftoff mRNA    16462683        16478198        .       -
        .
ID=Smp_214020.1;Parent=Smp_214020;geneID=Smp_214020;product=Myosin-
VIIa;polypeptide_domain=InterPro:IPR029063
SM_V9_6 Liftoff exon    16462683        16463120        .       -
        .       Parent=Smp_214020.1
SM_V9_6 Liftoff exon    16466048        16466268        .       -
        .       Parent=Smp_214020.1
SM_V9_6 Liftoff exon    16474776        16474927        .       -
        .       Parent=Smp_214020.1
SM_V9_6 Liftoff exon    16478152        16478198        .       -
        .       Parent=Smp_214020.1
SM_V9_6 Liftoff CDS     16463074        16463120        .       -
        2       Parent=Smp_214020.1
SM_V9_6 Liftoff CDS     16466048        16466268        .       -
        1       Parent=Smp_214020.1
SM_V9_6 Liftoff CDS     16474776        16474927        .       -
        0       Parent=Smp_214020.1
SM_V9_6 Liftoff CDS     16478152        16478175        .       -
        0       Parent=Smp_214020.1
SM_V9_6 Liftoff mRNA    16462683        16478198        .       -
        .
ID=Smp_214020.2;Parent=Smp_214020;geneID=Smp_214020;product=Uncharac
terized methyltransferase
YdaC;polypeptide_domain=InterPro:IPR013216,IPR029063
Pfam:PF08241;Ontology_term=GO:0008152,GO:0008168
SM_V9_6 Liftoff exon    16462683        16463120        .       -
        .       Parent=Smp_214020.2
SM_V9_6 Liftoff exon    16466044        16466268        .       -
        .       Parent=Smp_214020.2
SM_V9_6 Liftoff exon    16474776        16474927        .       -
        .       Parent=Smp_214020.2
SM_V9_6 Liftoff exon    16478152        16478198        .       -
        .       Parent=Smp_214020.2
SM_V9_6 Liftoff CDS     16462718        16463120        .       -
        1       Parent=Smp_214020.2
SM_V9_6 Liftoff CDS     16466044        16466268        .       -
        1       Parent=Smp_214020.2
SM_V9_6 Liftoff CDS     16474776        16474927        .       -
        0       Parent=Smp_214020.2
SM_V9_6 Liftoff CDS     16478152        16478175        .       -
        0       Parent=Smp_214020.2
SM_V9_6 Liftoff gene    16480090        16486178        .       -
        .
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SM_V9_6 Liftoff mRNA    16480090        16486178        .       -
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ID=Smp_214030.1;Parent=Smp_214030;geneID=Smp_214030;product=Metallo-
beta-lactamase domain-containing protein
1;polypeptide_domain=InterPro:IPR001279 Pfam:PF00753
SM_V9_6 Liftoff exon    16480090        16480629        .       -
        .       Parent=Smp_214030.1
SM_V9_6 Liftoff exon    16481630        16481926        .       -
        .       Parent=Smp_214030.1
SM_V9_6 Liftoff exon    16484913        16486178        .       -
        .       Parent=Smp_214030.1
SM_V9_6 Liftoff CDS     16480585        16480629        .       -
        0       Parent=Smp_214030.1
SM_V9_6 Liftoff CDS     16481630        16481926        .       -
        0       Parent=Smp_214030.1
SM_V9_6 Liftoff CDS     16484913        16485281        .       -
        0       Parent=Smp_214030.1
SM_V9_6 Liftoff gene    16495952        16505757        .       +
        .       ID=Smp_059670;geneID=Smp_059670
SM_V9_6 Liftoff mRNA    16495952        16505757        .       +
        .
ID=Smp_059670.1;Parent=Smp_059670;geneID=Smp_059670;product=Synaptog
yrin-2;polypeptide_domain=InterPro:IPR008253,IPR016579
Pfam:PF01284;Ontology_term=GO:0016020
SM_V9_6 Liftoff exon    16495952        16496397        .       +
        .       Parent=Smp_059670.1
SM_V9_6 Liftoff exon    16497798        16498020        .       +
        .       Parent=Smp_059670.1
SM_V9_6 Liftoff exon    16502776        16502933        .       +
        .       Parent=Smp_059670.1
SM_V9_6 Liftoff exon    16504973        16505757        .       +
        .       Parent=Smp_059670.1
SM_V9_6 Liftoff CDS     16496296        16496397        .       +
        0       Parent=Smp_059670.1
SM_V9_6 Liftoff CDS     16497798        16498020        .       +
        0       Parent=Smp_059670.1
SM_V9_6 Liftoff CDS     16502776        16502933        .       +
        2       Parent=Smp_059670.1
SM_V9_6 Liftoff CDS     16504973        16505215        .       +
        0       Parent=Smp_059670.1
SM_V9_6 iris    gene    16507045        16513562        .       -
        .
ID=Smp_340940;geneID=Smp_340940;gene_name=Smp_340940;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16507045        16513562        .       -
        .
ID=Smp_340940.1;Parent=Smp_340940;geneID=Smp_340940;gene_name=Smp_34
0940;owner=irisadmin@local.host;orig_id=Smp_340940.1;date_last_modif
ied=2022-07-19;Name=Smp_340940.1;product=ASTRA-associated protein
1;date_creation=2022-07-19
SM_V9_6 iris    exon    16507045        16508162        .       -
        .       Parent=Smp_340940.1;Name=73868e21-
fc97-46e8-9559-24dbf38b9ab0
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SM_V9_6 iris    exon    16509124        16509481        .       -
        .       Parent=Smp_340940.1;Name=0de8f8ec-1a09-4d28-87a1-
bee43ecff4d6
SM_V9_6 iris    exon    16513074        16513562        .       -
        .       Parent=Smp_340940.1;Name=5f67fa3e-
ad88-440e-8bd3-5a5e04321a3f
SM_V9_6 iris    CDS     16507159        16507881        .       -
        0       Parent=Smp_340940.1
SM_V9_6 iris    gene    16514830        16534076        .       -
        .
ID=Smp_305690;geneID=Smp_305690;gene_name=Smp_305690;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16514830        16534076        .       -
        .
ID=Smp_305690.1;Parent=Smp_305690;geneID=Smp_305690;gene_name=Smp_30
5690;owner=irisadmin@local.host;orig_id=Smp_305690.1;date_last_modif
ied=2022-07-19;Name=Smp_305690.1;product=NF-kappa-B inhibitor-
interacting Ras-like protein 1;date_creation=2022-07-19
SM_V9_6 iris    exon    16514830        16515835        .       -
        .       Parent=Smp_305690.1;Name=31a6012f-b6d5-48ff-9433-
afe28c2ddb35
SM_V9_6 iris    exon    16528077        16528166        .       -
        .       Parent=Smp_305690.1;Name=9419b0ce-5f10-4c09-
a03b-81f2e6f6f725
SM_V9_6 iris    exon    16532054        16532174        .       -
        .
Parent=Smp_305690.1;Name=f294ff47-9804-498c-8e24-9130d3c4817a
SM_V9_6 iris    exon    16532217        16532411        .       -
        .       Parent=Smp_305690.1;Name=773554aa-4a72-4327-
bb7a-131d7ee7f809
SM_V9_6 iris    exon    16533912        16534076        .       -
        .       Parent=Smp_305690.1;Name=7b62d37c-ca7f-4fcb-8139-
c75c7931cf27
SM_V9_6 iris    CDS     16515795        16515835        .       -
        2       Parent=Smp_305690.1
SM_V9_6 iris    CDS     16528077        16528166        .       -
        2       Parent=Smp_305690.1
SM_V9_6 iris    CDS     16532054        16532174        .       -
        0       Parent=Smp_305690.1
SM_V9_6 iris    CDS     16532217        16532411        .       -
        0       Parent=Smp_305690.1
SM_V9_6 iris    CDS     16533912        16533950        .       -
        0       Parent=Smp_305690.1
SM_V9_6 iris    gene    16544002        16556086        .       +
        .
ID=Smp_059710;geneID=Smp_059710;gene_name=Smp_059710;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16544002        16556086        .       +
        .
ID=Smp_059710.1;Parent=Smp_059710;geneID=Smp_059710;gene_name=Smp_05
9710;owner=irisadmin@local.host;orig_id=Smp_059710.1;date_last_modif
ied=2022-07-19;Name=Smp_059710.1;product=Protein
DEK;date_creation=2022-07-19
SM_V9_6 iris    exon    16544002        16544120        .       +
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Parent=Smp_059710.1;Name=d9709888-45ec-43c2-89b9-4c78961d0257
SM_V9_6 iris    exon    16548082        16548475        .       +
        .
Parent=Smp_059710.1;Name=c6972fc9-6984-494f-8134-9766d81a6f91
SM_V9_6 iris    exon    16549523        16550162        .       +
        .       Parent=Smp_059710.1;Name=9f03c97a-c217-429a-8d35-
bb8e3a5b0768
SM_V9_6 iris    exon    16552685        16552753        .       +
        .       Parent=Smp_059710.1;Name=70acbaff-926e-4c9a-b7c5-
db18063caf85
SM_V9_6 iris    exon    16555332        16556086        .       +
        .       Parent=Smp_059710.1;Name=3bfd6f13-c938-428b-a43b-
abcc8a217bbf
SM_V9_6 iris    CDS     16544039        16544120        .       +
        0       Parent=Smp_059710.1
SM_V9_6 iris    CDS     16548082        16548475        .       +
        2       Parent=Smp_059710.1
SM_V9_6 iris    CDS     16549523        16550162        .       +
        1       Parent=Smp_059710.1
SM_V9_6 iris    CDS     16552685        16552753        .       +
        0       Parent=Smp_059710.1
SM_V9_6 iris    CDS     16555332        16555349        .       +
        0       Parent=Smp_059710.1
SM_V9_6 Liftoff gene    16558730        16567611        .       +
        .       ID=Smp_154280;geneID=Smp_154280
SM_V9_6 Liftoff mRNA    16558730        16567611        .       +
        .
ID=Smp_154280.1;Parent=Smp_154280;geneID=Smp_154280;product=Deleted
in autism protein 1;polypeptide_domain=InterPro:IPR022049
Pfam:PF12260
SM_V9_6 Liftoff exon    16558730        16558796        .       +
        .       Parent=Smp_154280.1
SM_V9_6 Liftoff exon    16558947        16559298        .       +
        .       Parent=Smp_154280.1
SM_V9_6 Liftoff exon    16562834        16563197        .       +
        .       Parent=Smp_154280.1
SM_V9_6 Liftoff exon    16563526        16563736        .       +
        .       Parent=Smp_154280.1
SM_V9_6 Liftoff exon    16564615        16564863        .       +
        .       Parent=Smp_154280.1
SM_V9_6 Liftoff exon    16566828        16567611        .       +
        .       Parent=Smp_154280.1
SM_V9_6 Liftoff CDS     16558761        16558796        .       +
        0       Parent=Smp_154280.1
SM_V9_6 Liftoff CDS     16558947        16559298        .       +
        0       Parent=Smp_154280.1
SM_V9_6 Liftoff CDS     16562834        16563197        .       +
        2       Parent=Smp_154280.1
SM_V9_6 Liftoff CDS     16563526        16563736        .       +
        1       Parent=Smp_154280.1
SM_V9_6 Liftoff CDS     16564615        16564863        .       +
        0       Parent=Smp_154280.1
SM_V9_6 Liftoff CDS     16566828        16567229        .       +
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        0       Parent=Smp_154280.1
SM_V9_6 Liftoff gene    16580206        16591768        .       -
        .       ID=Smp_191970;geneID=Smp_191970
SM_V9_6 Liftoff mRNA    16580206        16591768        .       -
        .
ID=Smp_191970.1;Parent=Smp_191970;geneID=Smp_191970;product=Alpha-2A
adrenergic receptor
SM_V9_6 Liftoff exon    16580206        16580570        .       -
        .       Parent=Smp_191970.1
SM_V9_6 Liftoff exon    16585431        16585595        .       -
        .       Parent=Smp_191970.1
SM_V9_6 Liftoff exon    16591203        16591768        .       -
        .       Parent=Smp_191970.1
SM_V9_6 Liftoff CDS     16580416        16580570        .       -
        2       Parent=Smp_191970.1
SM_V9_6 Liftoff CDS     16585431        16585595        .       -
        2       Parent=Smp_191970.1
SM_V9_6 Liftoff CDS     16591203        16591296        .       -
        0       Parent=Smp_191970.1
SM_V9_6 Liftoff gene    16593212        16595905        .       -
        .       ID=Smp_154290;geneID=Smp_154290
SM_V9_6 Liftoff mRNA    16593212        16595905        .       -
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ID=Smp_154290.1;Parent=Smp_154290;geneID=Smp_154290;product=venom
allergen (val) protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR002413,IPR014044,IPR018244
Pfam:PF00188;Ontology_term=GO:0005576
SM_V9_6 Liftoff exon    16593212        16593251        .       -
        .       Parent=Smp_154290.1
SM_V9_6 Liftoff exon    16594026        16594120        .       -
        .       Parent=Smp_154290.1
SM_V9_6 Liftoff exon    16594453        16594540        .       -
        .       Parent=Smp_154290.1
SM_V9_6 Liftoff exon    16594994        16595133        .       -
        .       Parent=Smp_154290.1
SM_V9_6 Liftoff exon    16595720        16595905        .       -
        .       Parent=Smp_154290.1
SM_V9_6 Liftoff CDS     16593212        16593251        .       -
        1       Parent=Smp_154290.1
SM_V9_6 Liftoff CDS     16594026        16594120        .       -
        0       Parent=Smp_154290.1
SM_V9_6 Liftoff CDS     16594453        16594540        .       -
        1       Parent=Smp_154290.1
SM_V9_6 Liftoff CDS     16594994        16595133        .       -
        0       Parent=Smp_154290.1
SM_V9_6 Liftoff CDS     16595720        16595905        .       -
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SM_V9_6 iris    gene    16608690        16655874        .       +
        .
ID=Smp_059600;geneID=Smp_059600;gene_name=Smp_059600;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16608690        16655874        .       +
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ID=Smp_059600.1;Parent=Smp_059600;geneID=Smp_059600;gene_name=Smp_05
9600;owner=irisadmin@local.host;orig_id=Smp_059600.2;date_last_modif
ied=2022-07-19;Name=Smp_059600.1;product=Tektin-3;date_creation=2022
-07-19
SM_V9_6 iris    exon    16608690        16608877        .       +
        .       Parent=Smp_059600.1;Name=56d042e5-24e3-4037-9ac9-
e4ee6273b9fd
SM_V9_6 iris    exon    16610209        16610736        .       +
        .       Parent=Smp_059600.1;Name=cf96c251-168a-480d-8685-
ceb076e1ccc1
SM_V9_6 iris    exon    16614825        16615048        .       +
        .       Parent=Smp_059600.1;Name=a0842448-fcae-4da7-
b791-701c3d03e13c
SM_V9_6 iris    exon    16627025        16627095        .       +
        .       Parent=Smp_059600.1;Name=abb53a03-7a6e-41ca-99d5-
c87e066c2b39
SM_V9_6 iris    exon    16636307        16636450        .       +
        .
Parent=Smp_059600.1;Name=7f050722-7123-4b6a-992d-9c80ecbab301
SM_V9_6 iris    exon    16638164        16638386        .       +
        .       Parent=Smp_059600.1;Name=fcf37859-f8c2-40d4-ac68-
c51bbd40d587
SM_V9_6 iris    exon    16642251        16642405        .       +
        .       Parent=Smp_059600.1;Name=d0622fe6-c40d-4d02-89a4-
fcdafd0e884b
SM_V9_6 iris    exon    16654396        16655874        .       +
        .       Parent=Smp_059600.1;Name=3ce6ebe5-d027-4ffc-9d8d-
f37fe356098d
SM_V9_6 iris    CDS     16610223        16610736        .       +
        0       Parent=Smp_059600.1
SM_V9_6 iris    CDS     16614825        16615048        .       +
        2       Parent=Smp_059600.1
SM_V9_6 iris    CDS     16627025        16627095        .       +
        0       Parent=Smp_059600.1
SM_V9_6 iris    CDS     16636307        16636450        .       +
        1       Parent=Smp_059600.1
SM_V9_6 iris    CDS     16638164        16638386        .       +
        1       Parent=Smp_059600.1
SM_V9_6 iris    CDS     16642251        16642405        .       +
        0       Parent=Smp_059600.1
SM_V9_6 iris    CDS     16654396        16654612        .       +
        1       Parent=Smp_059600.1
SM_V9_6 iris    mRNA    16650442        16655874        .       +
        .
ID=Smp_059600.2;Parent=Smp_059600;geneID=Smp_059600;gene_name=Smp_05
9600;owner=irisadmin@local.host;orig_id=Smp_059600.1;date_last_modif
ied=2022-07-19;Name=Smp_059600.2;product=Tektin-3;date_creation=2022
-07-19
SM_V9_6 iris    exon    16650442        16650476        .       +
        .
Parent=Smp_059600.2;Name=202338e9-1e27-4fa8-8490-1a80ac2d08ab
SM_V9_6 iris    exon    16654396        16655874        .       +
        .       Parent=Smp_059600.2;Name=e8d6856d-f7bb-4709-
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SM_V9_6 iris    CDS     16654396        16654612        .       +
        1       Parent=Smp_059600.2
SM_V9_6 Liftoff gene    16708883        16711148        .       -
        .       ID=Smp_317500;geneID=Smp_317500
SM_V9_6 Liftoff mRNA    16708883        16711148        .       -
        .
ID=Smp_317500.1;Parent=Smp_317500;geneID=Smp_317500;product=Spermidi
ne/putrescine import ATP-binding protein PotA
SM_V9_6 Liftoff exon    16708883        16711148        .       -
        .       Parent=Smp_317500.1
SM_V9_6 Liftoff CDS     16710439        16710648        .       -
        0       Parent=Smp_317500.1
SM_V9_6 iris    gene    16711704        16746638        .       -
        .
ID=Smp_154250;geneID=Smp_154250;gene_name=Smp_154250;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16711704        16746638        .       -
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ID=Smp_154250.1;Parent=Smp_154250;geneID=Smp_154250;gene_name=Smp_15
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ied=2022-07-19;Name=Smp_154250.1;product=RING finger protein unkempt
homolog;date_creation=2022-07-19
SM_V9_6 iris    exon    16711704        16717251        .       -
        .       Parent=Smp_154250.1;Name=8b787d4f-f4fe-4632-
bfbb-509b92d28342
SM_V9_6 iris    exon    16719603        16720049        .       -
        .       Parent=Smp_154250.1;Name=fc49c380-5788-4c4a-
b0d3-8a40ed3f1b2f
SM_V9_6 iris    exon    16722029        16722325        .       -
        .
Parent=Smp_154250.1;Name=55432e1b-7132-4748-82e3-27fa3aba620c
SM_V9_6 iris    exon    16725451        16726262        .       -
        .       Parent=Smp_154250.1;Name=a43eaaee-
de1a-4666-830f-0c2f6977a846
SM_V9_6 iris    exon    16728577        16728855        .       -
        .       Parent=Smp_154250.1;Name=47f274d9-f05e-4273-af94-
e3e5646ab8dd
SM_V9_6 iris    exon    16729265        16729651        .       -
        .       Parent=Smp_154250.1;Name=e6949c75-ecce-47c4-912f-
ad37469af800
SM_V9_6 iris    exon    16733842        16734204        .       -
        .
Parent=Smp_154250.1;Name=9f13641d-9746-4c0e-8bb2-9b39e5769846
SM_V9_6 iris    exon    16736779        16737394        .       -
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Parent=Smp_154250.1;Name=b4d31d90-2b1b-4839-89e8-7482583307f0
SM_V9_6 iris    exon    16742422        16742675        .       -
        .
Parent=Smp_154250.1;Name=f5a8c4e9-9fdb-4ee5-81c2-25911d71f62b
SM_V9_6 iris    exon    16743288        16743556        .       -
        .       Parent=Smp_154250.1;Name=3558719c-d1d2-4883-849e-
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SM_V9_6 iris    exon    16746431        16746638        .       -
        .       Parent=Smp_154250.1;Name=83f676d4-
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SM_V9_6 iris    CDS     16716598        16717251        .       -
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SM_V9_6 iris    CDS     16719603        16720049        .       -
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SM_V9_6 iris    CDS     16722029        16722325        .       -
        0       Parent=Smp_154250.1
SM_V9_6 iris    CDS     16725451        16726262        .       -
        2       Parent=Smp_154250.1
SM_V9_6 iris    CDS     16728577        16728855        .       -
        2       Parent=Smp_154250.1
SM_V9_6 iris    CDS     16729265        16729651        .       -
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SM_V9_6 iris    CDS     16733842        16734204        .       -
        2       Parent=Smp_154250.1
SM_V9_6 iris    CDS     16736779        16737394        .       -
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        2       Parent=Smp_154250.1
SM_V9_6 iris    CDS     16743288        16743556        .       -
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SM_V9_6 iris    CDS     16746186        16746395        .       -
        1       Parent=Smp_154250.1
SM_V9_6 iris    CDS     16746431        16746513        .       -
        0       Parent=Smp_154250.1
SM_V9_6 iris    gene    16775663        16780974        .       -
        .
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@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    16775663        16780974        .       -
        .
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151;date_creation=2022-08-15
SM_V9_6 iris    exon    16775663        16775811        .       -
        .       Parent=Smp_141490.1;Name=ba365608-6f67-4fe1-ae84-
f49d5dd59be1
SM_V9_6 iris    exon    16780302        16780974        .       -
        .
Parent=Smp_141490.1;Name=44abac94-99bb-4efa-8471-9f325cfcc2c6
SM_V9_6 iris    CDS     16775753        16775811        .       -
        2       Parent=Smp_141490.1
SM_V9_6 iris    CDS     16780302        16780857        .       -
        0       Parent=Smp_141490.1
SM_V9_6 iris    gene    16792580        16795851        .       +
        .
ID=Smp_203030;geneID=Smp_203030;gene_name=Smp_203030;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
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3030;owner=irisadmin@local.host;orig_id=Smp_203030.1;date_last_modif
ied=2022-08-18;Name=Smp_203030.1;product=Uncharacterized protein
SJCHGC06711;date_creation=2022-08-18
SM_V9_6 iris    exon    16792580        16792670        .       +
       .       Parent=Smp_203030.1;Name=6c37ed87-
e40a-4dee-8344-5747b76e9873
SM_V9_6 iris    exon    16795587        16795851        .       +
       .       Parent=Smp_203030.1;Name=5a84a8da-f6af-401f-
a206-3e1b42ef8948
SM_V9_6 iris    CDS     16792595        16792670        .       +
       0       Parent=Smp_203030.1
SM_V9_6 iris    CDS     16795587        16795789        .       +
       2       Parent=Smp_203030.1
SM_V9_6 Liftoff gene    16800546        16801655        .       -
       .       ID=Smp_141500;geneID=Smp_141500
SM_V9_6 Liftoff mRNA    16800546        16801655        .       -
       .
ID=Smp_141500.1;Parent=Smp_141500;geneID=Smp_141500;product=UPF0506
protein SJCHGC09643;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_6 Liftoff exon    16800546        16800876        .       -
       .       Parent=Smp_141500.1
SM_V9_6 Liftoff exon    16801522        16801655        .       -
       .       Parent=Smp_141500.1
SM_V9_6 Liftoff CDS     16800599        16800876        .       -
       2       Parent=Smp_141500.1
SM_V9_6 Liftoff CDS     16801522        16801597        .       -
       0       Parent=Smp_141500.1
SM_V9_6 Liftoff gene    16808017        16824045        .       -
       .       ID=Smp_317510;geneID=Smp_317510
SM_V9_6 Liftoff mRNA    16808017        16824045        .       -
       .
ID=Smp_317510.2;Parent=Smp_317510;geneID=Smp_317510;product=UPF0506
protein SJCHGC09643;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_6 Liftoff exon    16808017        16808361        .       -
       .       Parent=Smp_317510.2
SM_V9_6 Liftoff exon    16823706        16824045        .       -
       .       Parent=Smp_317510.2
SM_V9_6 Liftoff CDS     16808138        16808361        .       -
       2       Parent=Smp_317510.2
SM_V9_6 Liftoff CDS     16823706        16823778        .       -
       0       Parent=Smp_317510.2
SM_V9_6 Liftoff mRNA    16822288        16824045        .       -
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ID=Smp_317510.1;Parent=Smp_317510;geneID=Smp_317510;product=UPF0506
protein SJCHGC09643;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_6 Liftoff exon    16822288        16822576        .       -
       .       Parent=Smp_317510.1
SM_V9_6 Liftoff exon    16823706        16824045        .       -
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SM_V9_6 Liftoff CDS     16822353        16822576        .       -
        2       Parent=Smp_317510.1
SM_V9_6 Liftoff CDS     16823706        16823778        .       -
        0       Parent=Smp_317510.1
SM_V9_6 iris    gene    16829267        16864595        .       -
        .
ID=Smp_316080;geneID=Smp_316080;gene_name=Smp_316080;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    16829267        16864595        .       -
        .
ID=Smp_316080.1;Parent=Smp_316080;geneID=Smp_316080;gene_name=Smp_31
6080;owner=irisadmin@local.host;orig_id=Smp_316080.1;date_last_modif
ied=2022-08-15;Name=Smp_316080.1;product=Potassium voltage-gated
channel subfamily B member 1;date_creation=2022-08-15
SM_V9_6 iris    exon    16829267        16830931        .       -
        .       Parent=Smp_316080.1;Name=ee29bc50-b921-437e-ad62-
c4e7357ee978
SM_V9_6 iris    exon    16862824        16864595        .       -
        .
Parent=Smp_316080.1;Name=72b6eaff-5733-405b-9571-0895a5c52c32
SM_V9_6 iris    CDS     16830035        16830931        .       -
        0       Parent=Smp_316080.1
SM_V9_6 iris    CDS     16862824        16863624        .       -
        0       Parent=Smp_316080.1
SM_V9_6 iris    gene    16883193        16903470        .       -
        .
ID=Smp_316090;geneID=Smp_316090;gene_name=Smp_316090;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    16883193        16903470        .       -
        .
ID=Smp_316090.1;Parent=Smp_316090;geneID=Smp_316090;gene_name=Smp_31
6090;owner=irisadmin@local.host;orig_id=Smp_316090.1;date_last_modif
ied=2022-07-19;Name=Smp_316090.1;product=Neuroligin-4, X-
linked;date_creation=2022-07-19
SM_V9_6 iris    exon    16883193        16884131        .       -
        .       Parent=Smp_316090.1;Name=68fcddb0-8cf7-4c63-9f6e-
a96842ebcbed
SM_V9_6 iris    exon    16890807        16891022        .       -
        .       Parent=Smp_316090.1;Name=246f329a-729e-4fde-b297-
b175e19b36d0
SM_V9_6 iris    exon    16893479        16893682        .       -
        .       Parent=Smp_316090.1;Name=111c6077-9d5c-47c6-
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SM_V9_6 iris    exon    16897412        16897600        .       -
        .       Parent=Smp_316090.1;Name=1dcfcfdc-
aaa6-462b-8633-47a5d38f1ddf
SM_V9_6 iris    exon    16898955        16899575        .       -
        .       Parent=Smp_316090.1;Name=05840e00-ec3d-409f-9655-
de1b6467c7e6
SM_V9_6 iris    exon    16902938        16903470        .       -
        .       Parent=Smp_316090.1;Name=faa5869b-fde7-4a24-853c-
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SM_V9_6 iris    CDS     16883283        16884131        .       -
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SM_V9_6 iris    CDS     16890807        16891022        .       -
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SM_V9_6 iris    CDS     16893479        16893682        .       -
        0       Parent=Smp_316090.1
SM_V9_6 iris    CDS     16897412        16897600        .       -
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SM_V9_6 iris    CDS     16898955        16899575        .       -
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SM_V9_6 iris    CDS     16902938        16903240        .       -
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ID=Smp_141520;geneID=Smp_141520;gene_name=Smp_141520;owner=irisadmin
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SM_V9_6 iris    mRNA    16916394        17020795        .       -
        .
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1520;owner=irisadmin@local.host;orig_id=Smp_141520.1;date_last_modif
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PDZRN3;date_creation=2022-07-19
SM_V9_6 iris    exon    16916394        16917727        .       -
        .       Parent=Smp_141520.1;Name=17da5ea7-8092-4383-
a8b7-4444ed70eb3b
SM_V9_6 iris    exon    16923833        16924443        .       -
        .       Parent=Smp_141520.1;Name=4740f56a-
aa62-47d5-8031-42709bbee3ee
SM_V9_6 iris    exon    16934368        16934738        .       -
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b0bd32302f03
SM_V9_6 iris    exon    16940248        16941282        .       -
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SM_V9_6 iris    exon    16948287        16949088        .       -
        .       Parent=Smp_141520.1;Name=faf52697-f792-415c-a30e-
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SM_V9_6 iris    exon    16951564        16951644        .       -
        .       Parent=Smp_141520.1;Name=2b01aa66-
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SM_V9_6 iris    exon    16959278        16959577        .       -
        .       Parent=Smp_141520.1;Name=a36171d9-254b-4477-9a76-
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SM_V9_6 iris    exon    16963137        16963241        .       -
        .       Parent=Smp_141520.1;Name=4f5eb77a-3854-43b6-
aa97-47c258460320
SM_V9_6 iris    exon    16969120        16969501        .       -
        .       Parent=Smp_141520.1;Name=7ccda5eb-8d67-4922-96e3-
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SM_V9_6 iris    exon    16974972        16975276        .       -
        .       Parent=Smp_141520.1;Name=eef0afd9-65f2-4dfa-85a8-
d065bbabba0d
SM_V9_6 iris    exon    17019899        17020795        .       -
        .       Parent=Smp_141520.1;Name=7fbf31d7-94a5-435c-8d20-
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SM_V9_6 iris    CDS     16923833        16924443        .       -
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SM_V9_6 iris    CDS     16934368        16934738        .       -
        2       Parent=Smp_141520.1
SM_V9_6 iris    CDS     16940248        16941282        .       -
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SM_V9_6 iris    CDS     16948287        16949088        .       -
        0       Parent=Smp_141520.1
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        0       Parent=Smp_141520.1
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        0       Parent=Smp_141520.1
SM_V9_6 iris    CDS     16963137        16963241        .       -
        0       Parent=Smp_141520.1
SM_V9_6 iris    CDS     16969120        16969501        .       -
        1       Parent=Smp_141520.1
SM_V9_6 iris    CDS     16974972        16975276        .       -
        0       Parent=Smp_141520.1
SM_V9_6 iris    CDS     17019899        17019919        .       -
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SM_V9_6 Liftoff gene    17050080        17051795        .       -
        .
ID=Smp_347170;geneID=Smp_347170;previous_systematic_id=Smp_203180
SM_V9_6 Liftoff mRNA    17050080        17051795        .       -
        .
ID=Smp_347170.1;Parent=Smp_347170;geneID=Smp_347170;product=Coiled-
coil-helix-coiled-coil-helix domain-containing protein
1;polypeptide_domain=InterPro:IPR009069
SM_V9_6 Liftoff exon    17050080        17050306        .       -
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SM_V9_6 Liftoff exon    17050353        17050471        .       -
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SM_V9_6 Liftoff exon    17050520        17051795        .       -
        .       Parent=Smp_347170.1
SM_V9_6 Liftoff CDS     17050175        17050306        .       -
        0       Parent=Smp_347170.1
SM_V9_6 Liftoff CDS     17050353        17050471        .       -
        2       Parent=Smp_347170.1
SM_V9_6 Liftoff CDS     17050520        17050658        .       -
        0       Parent=Smp_347170.1
SM_V9_6 iris    gene    17063587        17137865        .       -
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ID=Smp_343430;geneID=Smp_343430;gene_name=Smp_343430;owner=irisadmin
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SM_V9_6 iris    mRNA    17063587        17137865        .       -
        .
ID=Smp_343430.1;Parent=Smp_343430;geneID=Smp_343430;gene_name=Smp_34
3430;owner=irisadmin@local.host;orig_id=Smp_343430.1;date_last_modif
ied=2022-07-19;Name=Smp_343430.1;product=Anoctamin-1;date_creation=2
022-07-19
SM_V9_6 iris    exon    17063587        17064417        .       -
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Parent=Smp_343430.1;Name=b892416e-4398-4072-9ddf-8093347b008c
SM_V9_6 iris    exon    17065448        17065795        .       -
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Parent=Smp_343430.1;Name=e5cfea51-2c85-4906-927b-6ba6ad43b622
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SM_V9_6 iris    exon    17073229        17073383        .       -
        .       Parent=Smp_343430.1;Name=6d229a26-0cbb-41a7-adc5-
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SM_V9_6 iris    exon    17075232        17075284        .       -
        .       Parent=Smp_343430.1;Name=68ca12c9-4ce2-48a7-97d9-
c4ed8e261e84
SM_V9_6 iris    exon    17078511        17078663        .       -
        .       Parent=Smp_343430.1;Name=11051acb-8ee9-4b67-8e47-
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SM_V9_6 iris    exon    17081359        17081588        .       -
        .       Parent=Smp_343430.1;Name=ed1378a1-b8ff-47e4-a87d-
b2b0af9466c9
SM_V9_6 iris    exon    17083077        17083174        .       -
        .       Parent=Smp_343430.1;Name=fc1a77ee-55d3-4541-
b4e1-065b25e07f50
SM_V9_6 iris    exon    17088897        17089094        .       -
        .       Parent=Smp_343430.1;Name=9d830178-64fa-43db-a42a-
fe5caf632534
SM_V9_6 iris    exon    17091283        17091447        .       -
        .       Parent=Smp_343430.1;Name=757179db-5b54-412d-b5a2-
ff9aa9066604
SM_V9_6 iris    exon    17093139        17093216        .       -
        .
Parent=Smp_343430.1;Name=10ea9c65-1c58-42ce-9291-24612e5c714d
SM_V9_6 iris    exon    17093735        17093889        .       -
        .
Parent=Smp_343430.1;Name=84b70069-8d51-429f-9e2e-7f4001aaf853
SM_V9_6 iris    exon    17095372        17095535        .       -
        .       Parent=Smp_343430.1;Name=63263133-6579-4163-8c99-
bd9b1a5c7e27
SM_V9_6 iris    exon    17102539        17102673        .       -
        .
Parent=Smp_343430.1;Name=f71cbe5d-8375-4c6e-84ee-3073e4eb2cfe
SM_V9_6 iris    exon    17104929        17105038        .       -
        .       Parent=Smp_343430.1;Name=21385889-de26-4ff0-a03c-
c2b359f68f83
SM_V9_6 iris    exon    17109271        17109333        .       -
        .       Parent=Smp_343430.1;Name=12e31a0d-
da8d-46de-9855-569c19d6dbd8
SM_V9_6 iris    exon    17112247        17112395        .       -
        .
Parent=Smp_343430.1;Name=b1e6b8ec-025f-42c8-8810-3e6992008795
SM_V9_6 iris    exon    17115273        17115409        .       -
        .       Parent=Smp_343430.1;Name=48b3189d-10e3-41e3-
b21d-6ef90ce9f236
SM_V9_6 iris    exon    17116675        17116802        .       -
        .       Parent=Smp_343430.1;Name=8ed9359c-cd1a-4e28-
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ae82-9ab61b27a9b5
SM_V9_6 iris    exon    17121727        17121744        .       -
        .       Parent=Smp_343430.1;Name=cd131360-f904-4997-8603-
b0f1d9d9047f
SM_V9_6 iris    exon    17127090        17127440        .       -
        .       Parent=Smp_343430.1;Name=646e3589-b32e-43a3-
b27b-3706e4e1c917
SM_V9_6 iris    exon    17134835        17134978        .       -
        .       Parent=Smp_343430.1;Name=0d169d74-8f74-41c0-
b908-1f6bcfecc520
SM_V9_6 iris    exon    17135978        17136022        .       -
        .
Parent=Smp_343430.1;Name=b91cb4bc-89be-40ba-8675-02a246ee7644
SM_V9_6 iris    exon    17137826        17137865        .       -
        .       Parent=Smp_343430.1;Name=bb45dfa0-7976-4b32-
a9dd-5e80beaaf392
SM_V9_6 iris    CDS     17064316        17064417        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17065448        17065795        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17071251        17071356        .       -
        1       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17073229        17073383        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17075232        17075284        .       -
        2       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17078511        17078663        .       -
        2       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17081359        17081588        .       -
        1       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17083077        17083174        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17088897        17089094        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17091283        17091447        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17093139        17093216        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17093735        17093889        .       -
        2       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17095372        17095535        .       -
        1       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17102539        17102673        .       -
        1       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17104929        17105038        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17109271        17109333        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17112247        17112395        .       -
        2       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17115273        17115409        .       -
        1       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17116675        17116802        .       -
        0       Parent=Smp_343430.1
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SM_V9_6 iris    CDS     17121727        17121744        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17127090        17127440        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17134835        17134978        .       -
        0       Parent=Smp_343430.1
SM_V9_6 iris    CDS     17135978        17136019        .       -
        0       Parent=Smp_343430.1
SM_V9_6 Liftoff gene    17146809        17164913        .       +
        .
ID=Smp_247980;geneID=Smp_247980;previous_systematic_id=Smp_141540
SM_V9_6 Liftoff mRNA    17146809        17164023        .       +
        .
ID=Smp_247980.2;Parent=Smp_247980;geneID=Smp_247980;product=Thymidin
e kinase 2,
mitochondrial;polypeptide_domain=InterPro:IPR002624,IPR027417,IPR031
314 Pfam:PF01712;Ontology_term=GO:0005524,GO:0006139,GO:0019206
SM_V9_6 Liftoff exon    17146809        17147049        .       +
        .       Parent=Smp_247980.2
SM_V9_6 Liftoff exon    17147087        17147176        .       +
        .       Parent=Smp_247980.2
SM_V9_6 Liftoff exon    17148369        17148442        .       +
        .       Parent=Smp_247980.2
SM_V9_6 Liftoff exon    17149773        17149861        .       +
        .       Parent=Smp_247980.2
SM_V9_6 Liftoff exon    17156640        17156719        .       +
        .       Parent=Smp_247980.2
SM_V9_6 Liftoff exon    17162004        17162084        .       +
        .       Parent=Smp_247980.2
SM_V9_6 Liftoff exon    17163966        17164023        .       +
        .       Parent=Smp_247980.2
SM_V9_6 Liftoff CDS     17146921        17147049        .       +
        0       Parent=Smp_247980.2
SM_V9_6 Liftoff CDS     17147087        17147176        .       +
        0       Parent=Smp_247980.2
SM_V9_6 Liftoff CDS     17148369        17148442        .       +
        0       Parent=Smp_247980.2
SM_V9_6 Liftoff CDS     17149773        17149861        .       +
        1       Parent=Smp_247980.2
SM_V9_6 Liftoff CDS     17156640        17156719        .       +
        2       Parent=Smp_247980.2
SM_V9_6 Liftoff CDS     17162004        17162084        .       +
        0       Parent=Smp_247980.2
SM_V9_6 Liftoff CDS     17163966        17163980        .       +
        0       Parent=Smp_247980.2
SM_V9_6 Liftoff mRNA    17146809        17164913        .       +
        .
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e kinase 2,
mitochondrial;polypeptide_domain=InterPro:IPR002624,IPR027417,IPR031
314 Pfam:PF01712;Ontology_term=GO:0005524,GO:0006139,GO:0019206
SM_V9_6 Liftoff exon    17146809        17147049        .       +
        .       Parent=Smp_247980.1
SM_V9_6 Liftoff exon    17147087        17147176        .       +
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        .       Parent=Smp_247980.1
SM_V9_6 Liftoff exon    17148369        17148442        .       +
        .       Parent=Smp_247980.1
SM_V9_6 Liftoff exon    17149773        17149861        .       +
        .       Parent=Smp_247980.1
SM_V9_6 Liftoff exon    17156640        17156719        .       +
        .       Parent=Smp_247980.1
SM_V9_6 Liftoff exon    17162004        17162084        .       +
        .       Parent=Smp_247980.1
SM_V9_6 Liftoff exon    17164587        17164913        .       +
        .       Parent=Smp_247980.1
SM_V9_6 Liftoff CDS     17146921        17147049        .       +
        0       Parent=Smp_247980.1
SM_V9_6 Liftoff CDS     17147087        17147176        .       +
        0       Parent=Smp_247980.1
SM_V9_6 Liftoff CDS     17148369        17148442        .       +
        0       Parent=Smp_247980.1
SM_V9_6 Liftoff CDS     17149773        17149861        .       +
        1       Parent=Smp_247980.1
SM_V9_6 Liftoff CDS     17156640        17156719        .       +
        2       Parent=Smp_247980.1
SM_V9_6 Liftoff CDS     17162004        17162084        .       +
        0       Parent=Smp_247980.1
SM_V9_6 Liftoff CDS     17164587        17164673        .       +
        0       Parent=Smp_247980.1
SM_V9_6 Liftoff gene    17170850        17199912        .       +
        .
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SM_V9_6 Liftoff mRNA    17170850        17199912        .       +
        .
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mal protein of 97
kDa;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF14580;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    17170850        17171074        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17171107        17171209        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17171254        17171309        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17171345        17171446        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17171479        17171592        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17171624        17171694        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17171769        17171852        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17175054        17175171        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17177651        17177813        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17180575        17180624        .       +
        .       Parent=Smp_141540.1
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SM_V9_6 Liftoff exon    17181817        17182502        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17183750        17184238        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17187378        17187475        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17190178        17190452        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17193092        17193345        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17195047        17195437        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff exon    17199461        17199912        .       +
        .       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17170880        17171074        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17171107        17171209        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17171254        17171309        .       +
        2       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17171345        17171446        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17171479        17171592        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17171624        17171694        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17171769        17171852        .       +
        1       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17175054        17175171        .       +
        1       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17177651        17177813        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17180575        17180624        .       +
        2       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17181817        17182502        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17183750        17184238        .       +
        1       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17187378        17187475        .       +
        1       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17190178        17190452        .       +
        2       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17193092        17193345        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17195047        17195437        .       +
        1       Parent=Smp_141540.1
SM_V9_6 Liftoff CDS     17199461        17199544        .       +
        0       Parent=Smp_141540.1
SM_V9_6 Liftoff gene    17202989        17204945        .       -
        .       ID=Smp_210630;geneID=Smp_210630
SM_V9_6 Liftoff mRNA    17202989        17204945        .       -
        .
ID=Smp_210630.1;Parent=Smp_210630;geneID=Smp_210630;product=Histone
H2A.V;polypeptide_domain=InterPro:IPR002119,IPR007125,IPR009072,IPR0
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32454,IPR032458
Pfam:PF00125,PF16211;Ontology_term=GO:0000786,GO:0003677,GO:0005634,
GO:0046982
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SM_V9_6 Liftoff exon    17204666        17204743        .       -
        .       Parent=Smp_210630.1
SM_V9_6 Liftoff exon    17204781        17204945        .       -
        .       Parent=Smp_210630.1
SM_V9_6 Liftoff CDS     17203184        17203498        .       -
        0       Parent=Smp_210630.1
SM_V9_6 Liftoff CDS     17204666        17204743        .       -
        0       Parent=Smp_210630.1
SM_V9_6 Liftoff CDS     17204781        17204783        .       -
        0       Parent=Smp_210630.1
SM_V9_6 Liftoff gene    17210795        17213175        .       -
        .
ID=Smp_347320;geneID=Smp_347320;previous_systematic_id=Smp_210620
SM_V9_6 Liftoff mRNA    17210795        17213175        .       -
        .
ID=Smp_347320.1;Parent=Smp_347320;geneID=Smp_347320;product=GLIPR1-
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Pfam:PF00188
SM_V9_6 Liftoff exon    17210795        17210952        .       -
        .       Parent=Smp_347320.1
SM_V9_6 Liftoff exon    17211909        17212009        .       -
        .       Parent=Smp_347320.1
SM_V9_6 Liftoff exon    17212054        17212144        .       -
        .       Parent=Smp_347320.1
SM_V9_6 Liftoff exon    17212205        17212344        .       -
        .       Parent=Smp_347320.1
SM_V9_6 Liftoff exon    17212987        17213175        .       -
        .       Parent=Smp_347320.1
SM_V9_6 Liftoff CDS     17210898        17210952        .       -
        1       Parent=Smp_347320.1
SM_V9_6 Liftoff CDS     17211909        17212009        .       -
        0       Parent=Smp_347320.1
SM_V9_6 Liftoff CDS     17212054        17212144        .       -
        1       Parent=Smp_347320.1
SM_V9_6 Liftoff CDS     17212205        17212344        .       -
        0       Parent=Smp_347320.1
SM_V9_6 Liftoff CDS     17212987        17213157        .       -
        0       Parent=Smp_347320.1
SM_V9_6 Liftoff gene    17213657        17215002        .       +
        .       ID=Smp_141550;geneID=Smp_141550
SM_V9_6 Liftoff mRNA    17213657        17215002        .       +
        .
ID=Smp_141550.1;Parent=Smp_141550;geneID=Smp_141550;product=venom
allergen (val) protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR001283,IPR014044
Pfam:PF00188
SM_V9_6 Liftoff exon    17213657        17213889        .       +
        .       Parent=Smp_141550.1
SM_V9_6 Liftoff exon    17214006        17214142        .       +
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        .       Parent=Smp_141550.1
SM_V9_6 Liftoff exon    17214188        17214278        .       +
        .       Parent=Smp_141550.1
SM_V9_6 Liftoff exon    17214379        17214479        .       +
        .       Parent=Smp_141550.1
SM_V9_6 Liftoff exon    17214820        17215002        .       +
        .       Parent=Smp_141550.1
SM_V9_6 Liftoff CDS     17213689        17213889        .       +
        0       Parent=Smp_141550.1
SM_V9_6 Liftoff CDS     17214006        17214142        .       +
        0       Parent=Smp_141550.1
SM_V9_6 Liftoff CDS     17214188        17214278        .       +
        1       Parent=Smp_141550.1
SM_V9_6 Liftoff CDS     17214379        17214479        .       +
        0       Parent=Smp_141550.1
SM_V9_6 Liftoff CDS     17214820        17214877        .       +
        1       Parent=Smp_141550.1
SM_V9_6 Liftoff gene    17237009        17238807        .       -
        .       ID=Smp_317520;geneID=Smp_317520
SM_V9_6 Liftoff mRNA    17237009        17238807        .       -
        .
ID=Smp_317520.1;Parent=Smp_317520;geneID=Smp_317520;product=GLIPR1-
like protein 1;polypeptide_domain=InterPro:IPR001283,IPR014044
Pfam:PF00188
SM_V9_6 Liftoff exon    17237009        17237166        .       -
        .       Parent=Smp_317520.1
SM_V9_6 Liftoff exon    17237539        17237639        .       -
        .       Parent=Smp_317520.1
SM_V9_6 Liftoff exon    17237684        17237774        .       -
        .       Parent=Smp_317520.1
SM_V9_6 Liftoff exon    17237835        17237974        .       -
        .       Parent=Smp_317520.1
SM_V9_6 Liftoff exon    17238618        17238807        .       -
        .       Parent=Smp_317520.1
SM_V9_6 Liftoff CDS     17237112        17237166        .       -
        1       Parent=Smp_317520.1
SM_V9_6 Liftoff CDS     17237539        17237639        .       -
        0       Parent=Smp_317520.1
SM_V9_6 Liftoff CDS     17237684        17237774        .       -
        1       Parent=Smp_317520.1
SM_V9_6 Liftoff CDS     17237835        17237974        .       -
        0       Parent=Smp_317520.1
SM_V9_6 Liftoff CDS     17238618        17238788        .       -
        0       Parent=Smp_317520.1
SM_V9_6 iris    gene    17239319        17240619        .       +
        .
ID=Smp_141560;geneID=Smp_141560;gene_name=Smp_141560;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    17239319        17240619        .       +
        .
ID=Smp_141560.1;Parent=Smp_141560;geneID=Smp_141560;gene_name=Smp_14
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ied=2022-08-18;Name=Smp_141560.1;product=venom allergen (val)
protein;date_creation=2022-08-18
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SM_V9_6 iris    exon    17239319        17239519        .       +
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eb6131956169
SM_V9_6 iris    exon    17239636        17239772        .       +
        .       Parent=Smp_141560.1;Name=35b0d934-8198-4ac4-
b2f7-1e7e6902ff17
SM_V9_6 iris    exon    17239818        17239908        .       +
        .       Parent=Smp_141560.1;Name=57e47c18-8ddd-49d9-
bec6-1bc2d52b1d24
SM_V9_6 iris    exon    17240009        17240109        .       +
        .       Parent=Smp_141560.1;Name=de32c11d-a936-48f5-b322-
d1fa0d12d771
SM_V9_6 iris    exon    17240450        17240619        .       +
        .       Parent=Smp_141560.1;Name=74ade81b-5dc6-4bb9-99b0-
edbac037f170
SM_V9_6 iris    CDS     17239319        17239519        .       +
        0       Parent=Smp_141560.1
SM_V9_6 iris    CDS     17239636        17239772        .       +
        0       Parent=Smp_141560.1
SM_V9_6 iris    CDS     17239818        17239908        .       +
        1       Parent=Smp_141560.1
SM_V9_6 iris    CDS     17240009        17240109        .       +
        0       Parent=Smp_141560.1
SM_V9_6 iris    CDS     17240450        17240507        .       +
        1       Parent=Smp_141560.1
SM_V9_6 Liftoff gene    17278021        17279294        .       +
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ID=Smp_316760;geneID=Smp_316760;previous_systematic_id=Smp_193710
SM_V9_6 Liftoff mRNA    17278021        17279294        .       +
        .
ID=Smp_316760.1;Parent=Smp_316760;geneID=Smp_316760;product=venom
allergen-like (VAL) 3 protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR002413,IPR014044 Pfam:PF00188
SM_V9_6 Liftoff exon    17278021        17278191        .       +
        .       Parent=Smp_316760.1
SM_V9_6 Liftoff exon    17278308        17278444        .       +
        .       Parent=Smp_316760.1
SM_V9_6 Liftoff exon    17278490        17278580        .       +
        .       Parent=Smp_316760.1
SM_V9_6 Liftoff exon    17278681        17278781        .       +
        .       Parent=Smp_316760.1
SM_V9_6 Liftoff exon    17279100        17279294        .       +
        .       Parent=Smp_316760.1
SM_V9_6 Liftoff CDS     17278078        17278191        .       +
        0       Parent=Smp_316760.1
SM_V9_6 Liftoff CDS     17278308        17278444        .       +
        0       Parent=Smp_316760.1
SM_V9_6 Liftoff CDS     17278490        17278580        .       +
        1       Parent=Smp_316760.1
SM_V9_6 Liftoff CDS     17278681        17278781        .       +
        0       Parent=Smp_316760.1
SM_V9_6 Liftoff CDS     17279100        17279193        .       +
        1       Parent=Smp_316760.1
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SM_V9_6 Liftoff gene    17281851        17283126        .       +
        .       ID=Smp_160250;geneID=Smp_160250
SM_V9_6 Liftoff mRNA    17281851        17283126        .       +
        .
ID=Smp_160250.1;Parent=Smp_160250;geneID=Smp_160250;product=venom
allergen (val) protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR001283,IPR014044
Pfam:PF00188
SM_V9_6 Liftoff exon    17281851        17282030        .       +
        .       Parent=Smp_160250.1
SM_V9_6 Liftoff exon    17282147        17282283        .       +
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SM_V9_6 Liftoff exon    17282329        17282419        .       +
        .       Parent=Smp_160250.1
SM_V9_6 Liftoff exon    17282520        17282620        .       +
        .       Parent=Smp_160250.1
SM_V9_6 Liftoff exon    17282939        17283126        .       +
        .       Parent=Smp_160250.1
SM_V9_6 Liftoff CDS     17281866        17282030        .       +
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SM_V9_6 Liftoff CDS     17282147        17282283        .       +
        0       Parent=Smp_160250.1
SM_V9_6 Liftoff CDS     17282329        17282419        .       +
        1       Parent=Smp_160250.1
SM_V9_6 Liftoff CDS     17282520        17282620        .       +
        0       Parent=Smp_160250.1
SM_V9_6 Liftoff CDS     17282939        17282993        .       +
        1       Parent=Smp_160250.1
SM_V9_6 Liftoff gene    17299337        17300787        .       -
        .
ID=Smp_313710;geneID=Smp_313710;previous_systematic_id=Smp_193710
SM_V9_6 Liftoff mRNA    17299337        17300787        .       -
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allergen-like (VAL) 3 protein;evidence=Traceable Author
Statement;literature=PMID:18294395;polypeptide_domain=InterPro:IPR00
1283,IPR002413,IPR014044 Pfam:PF00188
SM_V9_6 Liftoff exon    17299337        17299474        .       -
        .       Parent=Smp_313710.1
SM_V9_6 Liftoff exon    17299793        17299893        .       -
        .       Parent=Smp_313710.1
SM_V9_6 Liftoff exon    17299994        17300084        .       -
        .       Parent=Smp_313710.1
SM_V9_6 Liftoff exon    17300130        17300266        .       -
        .       Parent=Smp_313710.1
SM_V9_6 Liftoff exon    17300383        17300787        .       -
        .       Parent=Smp_313710.1
SM_V9_6 Liftoff CDS     17299381        17299474        .       -
        1       Parent=Smp_313710.1
SM_V9_6 Liftoff CDS     17299793        17299893        .       -
        0       Parent=Smp_313710.1
SM_V9_6 Liftoff CDS     17299994        17300084        .       -
        1       Parent=Smp_313710.1
SM_V9_6 Liftoff CDS     17300130        17300266        .       -
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        0       Parent=Smp_313710.1
SM_V9_6 Liftoff CDS     17300383        17300496        .       -
        0       Parent=Smp_313710.1
SM_V9_6 Liftoff gene    17308312        17312817        .       -
        .       ID=Smp_070250;geneID=Smp_070250
SM_V9_6 Liftoff mRNA    17308312        17312817        .       -
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allergen (val) protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR001283,IPR002413,IPR014044
Pfam:PF00188
SM_V9_6 Liftoff exon    17308312        17308684        .       -
        .       Parent=Smp_070250.1
SM_V9_6 Liftoff exon    17311163        17311257        .       -
        .       Parent=Smp_070250.1
SM_V9_6 Liftoff exon    17311586        17311673        .       -
        .       Parent=Smp_070250.1
SM_V9_6 Liftoff exon    17311842        17311981        .       -
        .       Parent=Smp_070250.1
SM_V9_6 Liftoff exon    17312579        17312817        .       -
        .       Parent=Smp_070250.1
SM_V9_6 Liftoff CDS     17308450        17308684        .       -
        1       Parent=Smp_070250.1
SM_V9_6 Liftoff CDS     17311163        17311257        .       -
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SM_V9_6 Liftoff CDS     17311586        17311673        .       -
        1       Parent=Smp_070250.1
SM_V9_6 Liftoff CDS     17311842        17311981        .       -
        0       Parent=Smp_070250.1
SM_V9_6 Liftoff CDS     17312579        17312767        .       -
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SM_V9_6 Liftoff gene    17317394        17318022        .       -
        .       ID=Smp_317530;geneID=Smp_317530
SM_V9_6 Liftoff mRNA    17317394        17318022        .       -
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ID=Smp_317530.1;Parent=Smp_317530;geneID=Smp_317530;product=Probable
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SM_V9_6 Liftoff exon    17317394        17318022        .       -
        .       Parent=Smp_317530.1
SM_V9_6 Liftoff CDS     17317690        17317962        .       -
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SM_V9_6 Liftoff gene    17323747        17327227        .       -
        .
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p_199890,Smp_242990
SM_V9_6 Liftoff mRNA    17323747        17327227        .       -
        .
ID=Smp_300070.1;Parent=Smp_300070;geneID=Smp_300070;product=venom
allergen-like (VAL) 7 protein;evidence=Traceable Author
Statement;literature=PMID:18294395
PMID:20852890;polypeptide_domain=InterPro:IPR001283,IPR002413,IPR014
044 Pfam:PF00188
SM_V9_6 Liftoff exon    17323747        17323899        .       -
        .       Parent=Smp_300070.1
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SM_V9_6 Liftoff exon    17325041        17325141        .       -
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SM_V9_6 Liftoff exon    17326582        17326672        .       -
        .       Parent=Smp_300070.1
SM_V9_6 Liftoff exon    17326840        17326979        .       -
        .       Parent=Smp_300070.1
SM_V9_6 Liftoff exon    17327016        17327227        .       -
        .       Parent=Smp_300070.1
SM_V9_6 Liftoff CDS     17323833        17323899        .       -
        1       Parent=Smp_300070.1
SM_V9_6 Liftoff CDS     17325041        17325141        .       -
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SM_V9_6 Liftoff CDS     17326582        17326672        .       -
        1       Parent=Smp_300070.1
SM_V9_6 Liftoff CDS     17326840        17326979        .       -
        0       Parent=Smp_300070.1
SM_V9_6 Liftoff CDS     17327016        17327198        .       -
        0       Parent=Smp_300070.1
SM_V9_6 iris    gene    17331370        17335881        .       +
        .
ID=Smp_336880;geneID=Smp_336880;gene_name=Smp_336880;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    17331370        17335881        .       +
        .
ID=Smp_336880.1;Parent=Smp_336880;geneID=Smp_336880;gene_name=Smp_33
6880;owner=irisadmin@local.host;orig_id=Smp_336880.1;date_last_modif
ied=2022-08-18;Name=Smp_336880.1;product=venom allergen-like (VAL) 5
protein;date_creation=2022-08-18
SM_V9_6 iris    exon    17331370        17331622        .       +
        .       Parent=Smp_336880.1;Name=97a1ab54-4343-48ec-
b4f3-9bc17d4eb8f4
SM_V9_6 iris    exon    17332230        17332268        .       +
        .
Parent=Smp_336880.1;Name=4b7a9b1d-0798-4b86-96db-69f139cdbcfd
SM_V9_6 iris    exon    17332271        17332368        .       +
        .       Parent=Smp_336880.1;Name=39d7f5a9-8c0a-419f-9a89-
a4f05daa7242
SM_V9_6 iris    exon    17332536        17332623        .       +
        .       Parent=Smp_336880.1;Name=089c6af1-ad86-42b7-9bc5-
e8990ac230c1
SM_V9_6 iris    exon    17332952        17333046        .       +
        .       Parent=Smp_336880.1;Name=da033e5c-dd21-4f87-
bc84-51315c3daf74
SM_V9_6 iris    exon    17335526        17335881        .       +
        .
Parent=Smp_336880.1;Name=7ef36da5-4b3d-462d-8582-879f9f7a3b30
SM_V9_6 iris    CDS     17331434        17331622        .       +
        0       Parent=Smp_336880.1
SM_V9_6 iris    CDS     17332230        17332268        .       +
        0       Parent=Smp_336880.1
SM_V9_6 iris    CDS     17332271        17332368        .       +
        0       Parent=Smp_336880.1
SM_V9_6 iris    CDS     17332536        17332623        .       +
        1       Parent=Smp_336880.1
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SM_V9_6 iris    CDS     17332952        17333046        .       +
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SM_V9_6 iris    CDS     17335526        17335760        .       +
        1       Parent=Smp_336880.1
SM_V9_6 Liftoff gene    17338756        17341817        .       -
        .
ID=Smp_300080;geneID=Smp_300080;previous_systematic_id=Smp_070240,Sm
p_242990
SM_V9_6 Liftoff mRNA    17338756        17341817        .       -
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ID=Smp_300080.1;Parent=Smp_300080;geneID=Smp_300080;product=venom
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Statement;literature=PMID:18294395
PMID:20852890;polypeptide_domain=InterPro:IPR001283,IPR002413,IPR014
044 Pfam:PF00188
SM_V9_6 Liftoff exon    17338756        17338908        .       -
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SM_V9_6 Liftoff exon    17339636        17339736        .       -
        .       Parent=Smp_300080.1
SM_V9_6 Liftoff exon    17341178        17341268        .       -
        .       Parent=Smp_300080.1
SM_V9_6 Liftoff exon    17341436        17341575        .       -
        .       Parent=Smp_300080.1
SM_V9_6 Liftoff exon    17341612        17341817        .       -
        .       Parent=Smp_300080.1
SM_V9_6 Liftoff CDS     17338842        17338908        .       -
        1       Parent=Smp_300080.1
SM_V9_6 Liftoff CDS     17339636        17339736        .       -
        0       Parent=Smp_300080.1
SM_V9_6 Liftoff CDS     17341178        17341268        .       -
        1       Parent=Smp_300080.1
SM_V9_6 Liftoff CDS     17341436        17341575        .       -
        0       Parent=Smp_300080.1
SM_V9_6 Liftoff CDS     17341612        17341794        .       -
        0       Parent=Smp_300080.1
SM_V9_6 Liftoff gene    17349002        17372257        .       -
        .       ID=Smp_317540;geneID=Smp_317540
SM_V9_6 Liftoff mRNA    17349002        17372257        .       -
        .
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ical protein
SM_V9_6 Liftoff exon    17349002        17350022        .       -
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SM_V9_6 Liftoff exon    17354222        17354491        .       -
        .       Parent=Smp_317540.1
SM_V9_6 Liftoff exon    17356970        17357416        .       -
        .       Parent=Smp_317540.1
SM_V9_6 Liftoff exon    17360841        17360918        .       -
        .       Parent=Smp_317540.1
SM_V9_6 Liftoff exon    17368271        17368786        .       -
        .       Parent=Smp_317540.1
SM_V9_6 Liftoff exon    17369611        17372257        .       -
        .       Parent=Smp_317540.1
SM_V9_6 Liftoff CDS     17349763        17350022        .       -
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        2       Parent=Smp_317540.1
SM_V9_6 Liftoff CDS     17354222        17354491        .       -
        2       Parent=Smp_317540.1
SM_V9_6 Liftoff CDS     17356970        17357416        .       -
        2       Parent=Smp_317540.1
SM_V9_6 Liftoff CDS     17360841        17360918        .       -
        2       Parent=Smp_317540.1
SM_V9_6 Liftoff CDS     17368271        17368786        .       -
        2       Parent=Smp_317540.1
SM_V9_6 Liftoff CDS     17369611        17370181        .       -
        0       Parent=Smp_317540.1
SM_V9_6 iris    gene    17388924        17400175        .       +
        .
ID=Smp_156240;geneID=Smp_156240;gene_name=Smp_156240;owner=irisadmin
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SM_V9_6 iris    mRNA    17388924        17400175        .       +
        .
ID=Smp_156240.1;Parent=Smp_156240;geneID=Smp_156240;gene_name=Smp_15
6240;owner=irisadmin@local.host;orig_id=Smp_156240.2;date_last_modif
ied=2022-06-30;Name=Smp_156240.1;product=Ras GTPase-activating-like
protein IQGAP2;date_creation=2022-06-30
SM_V9_6 iris    exon    17388924        17388956        .       +
        .       Parent=Smp_156240.1;Name=29887527-92ae-456c-
b3b8-9b914a234199
SM_V9_6 iris    exon    17393422        17393529        .       +
        .
Parent=Smp_156240.1;Name=782de257-5fd8-40fa-9dd2-4419c298346d
SM_V9_6 iris    exon    17393574        17393679        .       +
        .       Parent=Smp_156240.1;Name=bd7ed352-f297-4dbb-910b-
ee542a70b88f
SM_V9_6 iris    exon    17393714        17393826        .       +
        .       Parent=Smp_156240.1;Name=6bb80d4c-702f-4cdf-
a4f3-238ba6907dce
SM_V9_6 iris    exon    17393861        17393942        .       +
        .       Parent=Smp_156240.1;Name=ff988e94-
d9aa-46d8-9983-9a3d664f704b
SM_V9_6 iris    exon    17395427        17395647        .       +
        .       Parent=Smp_156240.1;Name=9f724cbb-10f4-4139-
a286-2740ca66b291
SM_V9_6 iris    exon    17398885        17398953        .       +
        .       Parent=Smp_156240.1;Name=976e60dd-e8c6-4fe1-bf3a-
a5ba3a28d795
SM_V9_6 iris    exon    17399667        17400175        .       +
        .       Parent=Smp_156240.1;Name=96e261d7-ce73-478a-ae07-
a99afcd71ccc
SM_V9_6 iris    CDS     17388924        17388956        .       +
        0       Parent=Smp_156240.1
SM_V9_6 iris    CDS     17393422        17393529        .       +
        0       Parent=Smp_156240.1
SM_V9_6 iris    CDS     17393574        17393679        .       +
        0       Parent=Smp_156240.1
SM_V9_6 iris    CDS     17393714        17393826        .       +
        2       Parent=Smp_156240.1
SM_V9_6 iris    CDS     17393861        17393942        .       +
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        0       Parent=Smp_156240.1
SM_V9_6 iris    CDS     17395427        17395647        .       +
        2       Parent=Smp_156240.1
SM_V9_6 iris    CDS     17398885        17398953        .       +
        0       Parent=Smp_156240.1
SM_V9_6 iris    CDS     17399667        17399951        .       +
        0       Parent=Smp_156240.1
SM_V9_6 Liftoff gene    17404001        17420145        .       +
        .       ID=Smp_156230;geneID=Smp_156230
SM_V9_6 Liftoff mRNA    17404001        17420145        .       +
        .
ID=Smp_156230.1;Parent=Smp_156230;geneID=Smp_156230;product=PC-
esterase domain-containing protein 1A
SM_V9_6 Liftoff exon    17404001        17404277        .       +
        .       Parent=Smp_156230.1
SM_V9_6 Liftoff exon    17419758        17420145        .       +
        .       Parent=Smp_156230.1
SM_V9_6 Liftoff CDS     17404209        17404277        .       +
        0       Parent=Smp_156230.1
SM_V9_6 Liftoff CDS     17419758        17419904        .       +
        0       Parent=Smp_156230.1
SM_V9_6 iris    gene    17436291        17524250        .       +
        .
ID=Smp_344760;geneID=Smp_344760;gene_name=Smp_344760;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    17436291        17524250        .       +
        .
ID=Smp_344760.1;Parent=Smp_344760;geneID=Smp_344760;gene_name=Smp_34
4760;owner=irisadmin@local.host;orig_id=Smp_344760.1;date_last_modif
ied=2022-07-19;Name=Smp_344760.1;product=Receptor-type tyrosine-
protein phosphatase S;date_creation=2022-07-19
SM_V9_6 iris    exon    17436291        17436925        .       +
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Parent=Smp_344760.1;Name=952b1db5-4398-4461-85d1-46250498ea79
SM_V9_6 iris    exon    17445138        17445230        .       +
        .
Parent=Smp_344760.1;Name=87c996a6-929a-422e-9f9b-2f5ee1de66c2
SM_V9_6 iris    exon    17453886        17454179        .       +
        .       Parent=Smp_344760.1;Name=43130075-ac39-42b3-9742-
a9ddbbb0befd
SM_V9_6 iris    exon    17457630        17457811        .       +
        .       Parent=Smp_344760.1;Name=4423a568-108a-44d2-b8c2-
bca2bc1d9bbf
SM_V9_6 iris    exon    17463413        17463730        .       +
        .
Parent=Smp_344760.1;Name=e09dc517-2169-4946-83b4-2022b044d212
SM_V9_6 iris    exon    17467011        17467353        .       +
        .
Parent=Smp_344760.1;Name=9dda8c37-5c55-496c-825f-4af1225c470e
SM_V9_6 iris    exon    17473035        17473687        .       +
        .
Parent=Smp_344760.1;Name=f79a2b28-0802-429f-8382-1f23e4437430
SM_V9_6 iris    exon    17482806        17483580        .       +
        .       Parent=Smp_344760.1;Name=7934577c-5250-4ea6-
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b27d-5362b7293e90
SM_V9_6 iris    exon    17485525        17485853        .       +
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bf17-54ce1b864783
SM_V9_6 iris    exon    17496994        17497220        .       +
        .       Parent=Smp_344760.1;Name=775b6370-1174-4b82-bbe4-
dfeace237c55
SM_V9_6 iris    exon    17501376        17501539        .       +
        .       Parent=Smp_344760.1;Name=d81914fa-c5e4-4b7d-
a2f0-1e9dc46affa9
SM_V9_6 iris    exon    17507602        17508068        .       +
        .       Parent=Smp_344760.1;Name=ab006893-1225-468b-86a1-
ef57ec90d367
SM_V9_6 iris    exon    17517284        17517535        .       +
        .       Parent=Smp_344760.1;Name=a6a19c18-
c895-415d-8f8b-245598103795
SM_V9_6 iris    exon    17520048        17520328        .       +
        .       Parent=Smp_344760.1;Name=2d7cb019-9217-4872-aa77-
e3ee6a6b9d75
SM_V9_6 iris    exon    17523301        17524250        .       +
        .       Parent=Smp_344760.1;Name=3b9cd1f0-9098-44fe-b8c9-
d177ad8da9af
SM_V9_6 iris    CDS     17436499        17436925        .       +
        0       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17445138        17445230        .       +
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SM_V9_6 iris    CDS     17453886        17454179        .       +
        2       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17457630        17457811        .       +
        2       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17463413        17463730        .       +
        0       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17467011        17467353        .       +
        0       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17473035        17473687        .       +
        2       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17482806        17483580        .       +
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SM_V9_6 iris    CDS     17485525        17485853        .       +
        2       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17496994        17497220        .       +
        0       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17501376        17501539        .       +
        1       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17507602        17508068        .       +
        2       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17517284        17517535        .       +
        0       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17520048        17520328        .       +
        0       Parent=Smp_344760.1
SM_V9_6 iris    CDS     17523301        17523652        .       +
        1       Parent=Smp_344760.1
SM_V9_6 Liftoff gene    17544039        17574245        .       +
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ID=Smp_063190;geneID=Smp_063190;previous_systematic_id=Smp_156200
SM_V9_6 Liftoff mRNA    17544039        17574245        .       +
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ID=Smp_063190.1;Parent=Smp_063190;geneID=Smp_063190;product=Inhibin/
Activin, TGF-beta family, TGF-beta/Activin
subfamily;evidence=Traceable Author
Statement;literature=PMID:17411340;polypeptide_domain=InterPro:IPR00
1839,IPR017948,IPR029034 Pfam:PF00019;Ontology_term=GO:0008083
SM_V9_6 Liftoff exon    17544039        17545437        .       +
        .       Parent=Smp_063190.1
SM_V9_6 Liftoff exon    17556897        17556997        .       +
        .       Parent=Smp_063190.1
SM_V9_6 Liftoff exon    17569230        17569682        .       +
        .       Parent=Smp_063190.1
SM_V9_6 Liftoff exon    17571576        17571792        .       +
        .       Parent=Smp_063190.1
SM_V9_6 Liftoff exon    17573191        17574245        .       +
        .       Parent=Smp_063190.1
SM_V9_6 Liftoff CDS     17544780        17545437        .       +
        0       Parent=Smp_063190.1
SM_V9_6 Liftoff CDS     17556897        17556997        .       +
        2       Parent=Smp_063190.1
SM_V9_6 Liftoff CDS     17569230        17569682        .       +
        0       Parent=Smp_063190.1
SM_V9_6 Liftoff CDS     17571576        17571792        .       +
        0       Parent=Smp_063190.1
SM_V9_6 Liftoff CDS     17573191        17573402        .       +
        2       Parent=Smp_063190.1
SM_V9_6 iris    gene    17577721        17597485        .       -
        .
ID=Smp_063180;geneID=Smp_063180;gene_name=Smp_063180;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    17577721        17597485        .       -
        .
ID=Smp_063180.1;Parent=Smp_063180;geneID=Smp_063180;gene_name=Smp_06
3180;owner=irisadmin@local.host;orig_id=Smp_063180.1;date_last_modif
ied=2022-07-19;Name=Smp_063180.1;product=Desumoylating isopeptidase
1;date_creation=2022-07-19
SM_V9_6 iris    exon    17577721        17578577        .       -
        .
Parent=Smp_063180.1;Name=48f8818d-75f9-47ab-8acb-00b72bfa98ce
SM_V9_6 iris    exon    17579733        17579820        .       -
        .
Parent=Smp_063180.1;Name=9bd6f069-267a-4fc6-8ba6-55c8fec77008
SM_V9_6 iris    exon    17581313        17581567        .       -
        .       Parent=Smp_063180.1;Name=285198f9-b6e2-45cb-
b2e4-8cd8ecd5ccc2
SM_V9_6 iris    exon    17585437        17585633        .       -
        .       Parent=Smp_063180.1;Name=18b86132-61e5-4549-a6ef-
ec1b1ba7e49c
SM_V9_6 iris    exon    17588162        17588318        .       -
        .       Parent=Smp_063180.1;Name=645be28d-28cc-4b5c-
acd9-72157f55b50a
SM_V9_6 iris    exon    17589975        17590036        .       -
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        .       Parent=Smp_063180.1;Name=22ecbdb6-0562-436c-b576-
c7086ab7a71c
SM_V9_6 iris    exon    17590096        17590310        .       -
        .       Parent=Smp_063180.1;Name=fdb96001-a7fa-46e9-
a5c4-6051437f1489
SM_V9_6 iris    exon    17591880        17591989        .       -
        .       Parent=Smp_063180.1;Name=9fb9d6cc-a78f-4e86-9442-
f08bd3884741
SM_V9_6 iris    exon    17597240        17597331        .       -
        .       Parent=Smp_063180.1;Name=037eb5f6-b299-40ad-
a57b-1be53df161ff
SM_V9_6 iris    exon    17597370        17597485        .       -
        .       Parent=Smp_063180.1;Name=6b922d8c-
c72a-42e1-98ae-8602a9a7a62c
SM_V9_6 iris    CDS     17578216        17578577        .       -
        2       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17579733        17579820        .       -
        0       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17581313        17581567        .       -
        0       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17585437        17585633        .       -
        2       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17588162        17588318        .       -
        0       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17589975        17590036        .       -
        2       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17590096        17590310        .       -
        1       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17591880        17591989        .       -
        0       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17597240        17597331        .       -
        2       Parent=Smp_063180.1
SM_V9_6 iris    CDS     17597370        17597442        .       -
        0       Parent=Smp_063180.1
SM_V9_6 iris    gene    17604983        17638775        .       -
        .
ID=Smp_300090;geneID=Smp_300090;gene_name=Smp_300090;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    17604983        17638775        .       -
        .
ID=Smp_300090.1;Parent=Smp_300090;geneID=Smp_300090;gene_name=Smp_30
0090;owner=irisadmin@local.host;orig_id=Smp_300090.1;date_last_modif
ied=2022-08-18;Name=Smp_300090.1;product=Protein
FAM46C;date_creation=2022-08-18
SM_V9_6 iris    exon    17604983        17607250        .       -
        .
Parent=Smp_300090.1;Name=288aeffa-8d2e-40a0-8549-3ae7421ca8bf
SM_V9_6 iris    exon    17610783        17610956        .       -
        .
Parent=Smp_300090.1;Name=87ba81ad-8ca1-4a4c-9458-3fec6cd9a113
SM_V9_6 iris    exon    17628003        17628394        .       -
        .
Parent=Smp_300090.1;Name=f0327fd5-8a81-4d12-9f7e-88d66bf38bb7
SM_V9_6 iris    exon    17628749        17629285        .       -
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        .       Parent=Smp_300090.1;Name=b29a4fce-9451-48cd-b03d-
c728ab0e6595
SM_V9_6 iris    exon    17637232        17638775        .       -
        .
Parent=Smp_300090.1;Name=e321fd1d-82db-492e-8c24-770d9579ab65
SM_V9_6 iris    CDS     17606108        17607250        .       -
        0       Parent=Smp_300090.1
SM_V9_6 iris    CDS     17610783        17610956        .       -
        0       Parent=Smp_300090.1
SM_V9_6 iris    CDS     17628003        17628394        .       -
        2       Parent=Smp_300090.1
SM_V9_6 iris    CDS     17628749        17629285        .       -
        2       Parent=Smp_300090.1
SM_V9_6 iris    CDS     17637232        17638516        .       -
        0       Parent=Smp_300090.1
SM_V9_6 Liftoff gene    17654929        17708055        .       +
        .       ID=Smp_156180;geneID=Smp_156180
SM_V9_6 Liftoff mRNA    17654929        17708055        .       +
        .
ID=Smp_156180.1;Parent=Smp_156180;geneID=Smp_156180;product=EF-hand
calcium-binding domain-containing protein 6
(Fragment);polypeptide_domain=InterPro:IPR002048,IPR011992,IPR015070
Pfam:PF08976,PF13833;Ontology_term=GO:0005509
SM_V9_6 Liftoff exon    17654929        17655218        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17658132        17658355        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17660356        17660450        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17664471        17664568        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17672355        17672579        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17676388        17676528        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17679227        17679354        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17681703        17682150        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17691891        17692067        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17694954        17695005        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17697022        17697302        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17699647        17699890        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17702494        17702666        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17705962        17706139        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff exon    17707536        17708055        .       +
        .       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17655133        17655218        .       +
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        0       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17658132        17658355        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17660356        17660450        .       +
        2       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17664471        17664568        .       +
        0       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17672355        17672579        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17676388        17676528        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17679227        17679354        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17681703        17682150        .       +
        2       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17691891        17692067        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17694954        17695005        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17697022        17697302        .       +
        0       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17699647        17699890        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17702494        17702666        .       +
        0       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17705962        17706139        .       +
        1       Parent=Smp_156180.1
SM_V9_6 Liftoff CDS     17707536        17707877        .       +
        0       Parent=Smp_156180.1
SM_V9_6 Liftoff gene    17715621        17724345        .       -
        .       ID=Smp_063120;geneID=Smp_063120
SM_V9_6 Liftoff mRNA    17715621        17724345        .       -
        .
ID=Smp_063120.1;Parent=Smp_063120;geneID=Smp_063120;product=Inosine
triphosphate
pyrophosphatase;polypeptide_domain=InterPro:IPR002637,IPR027502,IPR0
29001 Pfam:PF01725;Ontology_term=GO:0009143,GO:0047429
SM_V9_6 Liftoff exon    17715621        17716111        .       -
        .       Parent=Smp_063120.1
SM_V9_6 Liftoff exon    17719630        17719822        .       -
        .       Parent=Smp_063120.1
SM_V9_6 Liftoff exon    17719871        17724345        .       -
        .       Parent=Smp_063120.1
SM_V9_6 Liftoff CDS     17715822        17716111        .       -
        2       Parent=Smp_063120.1
SM_V9_6 Liftoff CDS     17719630        17719822        .       -
        0       Parent=Smp_063120.1
SM_V9_6 Liftoff CDS     17719871        17719957        .       -
        0       Parent=Smp_063120.1
SM_V9_6 Liftoff gene    17732029        17748001        .       +
        .       ID=Smp_063110;geneID=Smp_063110
SM_V9_6 Liftoff mRNA    17732029        17748001        .       +
        .
ID=Smp_063110.1;Parent=Smp_063110;geneID=Smp_063110;product=Zinc
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finger MYM-type protein 3;polypeptide_domain=InterPro:IPR021893
Pfam:PF12012
SM_V9_6 Liftoff exon    17732029        17732288        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17734851        17735034        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17736738        17736829        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17739332        17739683        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17739785        17740232        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17741349        17741540        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17742856        17743067        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17743613        17744126        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17745113        17745309        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17746778        17747016        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff exon    17747589        17748001        .       +
        .       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17732275        17732288        .       +
        0       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17734851        17735034        .       +
        1       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17736738        17736829        .       +
        0       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17739332        17739683        .       +
        1       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17739785        17740232        .       +
        0       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17741349        17741540        .       +
        2       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17742856        17743067        .       +
        2       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17743613        17744126        .       +
        0       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17745113        17745309        .       +
        2       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17746778        17747016        .       +
        0       Parent=Smp_063110.1
SM_V9_6 Liftoff CDS     17747589        17747775        .       +
        1       Parent=Smp_063110.1
SM_V9_6 Liftoff gene    17779969        17822278        .       +
        .       ID=Smp_156170;geneID=Smp_156170
SM_V9_6 Liftoff mRNA    17779969        17822278        .       +
        .
ID=Smp_156170.1;Parent=Smp_156170;geneID=Smp_156170;product=Trithora
x group protein osa;polypeptide_domain=InterPro:IPR001606,IPR033388
Pfam:PF01388,PF12031;Ontology_term=GO:0003677
SM_V9_6 Liftoff exon    17779969        17780627        .       +
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        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17796735        17797298        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17804791        17805103        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17805372        17805899        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17809232        17809714        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17811407        17811567        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17814019        17815414        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17816327        17816850        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17817440        17817560        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff exon    17818190        17822278        .       +
        .       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17780229        17780627        .       +
        0       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17796735        17797298        .       +
        0       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17804791        17805103        .       +
        0       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17805372        17805899        .       +
        2       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17809232        17809714        .       +
        2       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17811407        17811567        .       +
        2       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17814019        17815414        .       +
        0       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17816327        17816850        .       +
        2       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17817440        17817560        .       +
        0       Parent=Smp_156170.1
SM_V9_6 Liftoff CDS     17818190        17821773        .       +
        2       Parent=Smp_156170.1
SM_V9_6 Liftoff gene    17833060        17863595        .       -
        .       ID=Smp_063090;geneID=Smp_063090
SM_V9_6 Liftoff mRNA    17833060        17863595        .       -
        .
ID=Smp_063090.1;Parent=Smp_063090;geneID=Smp_063090;product=Probable
aconitate hydratase,
mitochondrial;polypeptide_domain=InterPro:IPR000573,IPR001030,IPR006
248,IPR015928,IPR015931,IPR015932,IPR018136
Pfam:PF00330,PF00694;Ontology_term=GO:0003994,GO:0006099,GO:0008152,
GO:0051539
SM_V9_6 Liftoff exon    17833060        17833810        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17836296        17836417        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17837021        17837247        .       -
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        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17839072        17839345        .       -
        .       Parent=Smp_063090.1
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        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17843689        17843973        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17848883        17849005        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17849356        17849574        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17857333        17857557        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17859232        17859516        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17859560        17859626        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17859662        17859738        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff exon    17859784        17863595        .       -
        .       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17833667        17833810        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17836296        17836417        .       -
        2       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17837021        17837247        .       -
        1       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17839072        17839345        .       -
        2       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17841333        17841543        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17843689        17843973        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17848883        17849005        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17849356        17849574        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17857333        17857557        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17859232        17859516        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17859560        17859626        .       -
        1       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17859662        17859738        .       -
        0       Parent=Smp_063090.1
SM_V9_6 Liftoff CDS     17859784        17859858        .       -
        0       Parent=Smp_063090.1
SM_V9_6 iris    gene    17874452        17956512        .       +
        .
ID=Smp_156160;geneID=Smp_156160;gene_name=Smp_156160;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    17874452        17956512        .       +
        .
ID=Smp_156160.1;Parent=Smp_156160;geneID=Smp_156160;gene_name=Smp_15
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6160;owner=irisadmin@local.host;orig_id=Smp_156160.2;date_last_modif
ied=2022-07-19;Name=Smp_156160.1;product=WD repeat-containing
protein 7;date_creation=2022-07-19
SM_V9_6 iris    exon    17874452        17874809        .       +
        .
Parent=Smp_156160.1;Name=0f4e36e6-7895-4d2a-9c52-1dae4b31d04b
SM_V9_6 iris    exon    17882498        17882579        .       +
        .       Parent=Smp_156160.1;Name=511843f4-63cc-4d7f-
a3d9-1887d77a2c82
SM_V9_6 iris    exon    17883463        17883631        .       +
        .       Parent=Smp_156160.1;Name=cc7ca0b6-bacc-41d5-
a744-8d4b3838b95b
SM_V9_6 iris    exon    17888342        17888412        .       +
        .
Parent=Smp_156160.1;Name=57e360e5-19a7-4db6-881a-6cd9d9381ea5
SM_V9_6 iris    exon    17893674        17893793        .       +
        .       Parent=Smp_156160.1;Name=4ca6f4a6-
ec28-4445-8692-8a775adabdd4
SM_V9_6 iris    exon    17897159        17897304        .       +
        .       Parent=Smp_156160.1;Name=2af2f564-b93a-4565-a234-
ffc721afb43e
SM_V9_6 iris    exon    17902039        17902102        .       +
        .       Parent=Smp_156160.1;Name=08f20d21-8ce1-4020-b2a2-
f303d5aea615
SM_V9_6 iris    exon    17903350        17903626        .       +
        .
Parent=Smp_156160.1;Name=63ca09b1-1b6d-4b11-8e12-84653e23d1d7
SM_V9_6 iris    exon    17908600        17908688        .       +
        .       Parent=Smp_156160.1;Name=297fda03-a874-4376-
b025-0a2d22e19f70
SM_V9_6 iris    exon    17911203        17911985        .       +
        .       Parent=Smp_156160.1;Name=9fc61685-97bc-4511-
bcf6-4d5c803971bf
SM_V9_6 iris    exon    17914049        17914257        .       +
        .       Parent=Smp_156160.1;Name=236d20d3-9fd9-4159-8e66-
d6e1cec7eefc
SM_V9_6 iris    exon    17919090        17919535        .       +
        .       Parent=Smp_156160.1;Name=f69d00f5-869f-4094-86f3-
b0554cc5ec4c
SM_V9_6 iris    exon    17927855        17927904        .       +
        .       Parent=Smp_156160.1;Name=fa8cb5d9-afdf-4698-b3ef-
addb75878837
SM_V9_6 iris    exon    17930385        17930703        .       +
        .       Parent=Smp_156160.1;Name=e46b494e-b9e0-4cd8-
b32c-5f3dab96ea92
SM_V9_6 iris    exon    17934202        17934629        .       +
        .       Parent=Smp_156160.1;Name=df9e5e47-7f40-44b1-b533-
b9bbe16977e1
SM_V9_6 iris    exon    17937182        17937778        .       +
        .       Parent=Smp_156160.1;Name=e5786ac6-19f5-477e-aaa8-
ff70351c41b9
SM_V9_6 iris    exon    17943411        17943813        .       +
        .
Parent=Smp_156160.1;Name=430b6074-1e27-4bd0-8e96-93b912705909
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SM_V9_6 iris    exon    17946884        17947160        .       +
        .       Parent=Smp_156160.1;Name=4c9c552d-4bb1-4b7e-ad96-
f2069b18904b
SM_V9_6 iris    exon    17947869        17948335        .       +
        .       Parent=Smp_156160.1;Name=22bda9b4-0011-4b77-8d93-
eb2e6c2cc5c7
SM_V9_6 iris    exon    17949394        17949604        .       +
        .
Parent=Smp_156160.1;Name=3cc71def-206b-4a4f-9fc4-8fd3e1dcb375
SM_V9_6 iris    exon    17950990        17951089        .       +
        .       Parent=Smp_156160.1;Name=cc170a20-e689-4082-8735-
b7ba26ab0b7f
SM_V9_6 iris    exon    17952398        17952502        .       +
        .
Parent=Smp_156160.1;Name=40e134f9-47f7-4248-91a4-16afbeb63a2c
SM_V9_6 iris    exon    17954653        17956512        .       +
        .       Parent=Smp_156160.1;Name=f6eec4db-
fd7f-47a2-9c49-6d8cee895381
SM_V9_6 iris    CDS     17874532        17874809        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17882498        17882579        .       +
        1       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17883463        17883631        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17888342        17888412        .       +
        2       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17893674        17893793        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17897159        17897304        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17902039        17902102        .       +
        1       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17903350        17903626        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17908600        17908688        .       +
        2       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17911203        17911985        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17914049        17914257        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17919090        17919535        .       +
        1       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17927855        17927904        .       +
        2       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17930385        17930703        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17934202        17934629        .       +
        2       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17937182        17937778        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17943411        17943813        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17946884        17947160        .       +
        2       Parent=Smp_156160.1
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SM_V9_6 iris    CDS     17947869        17948335        .       +
        1       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17949394        17949604        .       +
        2       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17950990        17951089        .       +
        1       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17952398        17952502        .       +
        0       Parent=Smp_156160.1
SM_V9_6 iris    CDS     17954653        17954913        .       +
        0       Parent=Smp_156160.1
SM_V9_6 Liftoff gene    17986049        18039481        .       +
        .       ID=Smp_063070;geneID=Smp_063070
SM_V9_6 Liftoff mRNA    17986049        18039481        .       +
        .
ID=Smp_063070.1;Parent=Smp_063070;geneID=Smp_063070;product=Ras-
related protein
Rab-10;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_6 Liftoff exon    17986049        18013642        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff exon    18018387        18018447        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff exon    18019571        18019631        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff exon    18027803        18027883        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff exon    18031870        18031959        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff exon    18034232        18034351        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff exon    18036966        18037022        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff exon    18038635        18039481        .       +
        .       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18013300        18013642        .       +
        0       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18018387        18018447        .       +
        2       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18019571        18019631        .       +
        1       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18027803        18027883        .       +
        0       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18031870        18031959        .       +
        0       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18034232        18034351        .       +
        0       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18036966        18037022        .       +
        0       Parent=Smp_063070.1
SM_V9_6 Liftoff CDS     18038635        18038715        .       +
        0       Parent=Smp_063070.1
SM_V9_6 iris    gene    18042504        18111722        .       -
        .
ID=Smp_300150;geneID=Smp_300150;gene_name=Smp_300150;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
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SM_V9_6 iris    mRNA    18042504        18111722        .       -
       .
ID=Smp_300150.1;Parent=Smp_300150;geneID=Smp_300150;gene_name=Smp_30
0150;owner=irisadmin@local.host;orig_id=Smp_300150.1;date_last_modif
ied=2022-08-15;Name=Smp_300150.1;product=Glutamate receptor
ionotropic, kainate 1;date_creation=2022-08-15
SM_V9_6 iris    exon    18042504        18043752        .       -
       .       Parent=Smp_300150.1;Name=e2b608b1-1b4f-49ff-8d91-
e02609240059
SM_V9_6 iris    exon    18045459        18045913        .       -
       .       Parent=Smp_300150.1;Name=73b09310-79c2-4c0d-9a68-
c0c0850362ad
SM_V9_6 iris    exon    18048121        18048335        .       -
       .       Parent=Smp_300150.1;Name=528552af-1e82-4440-bfdb-
bfd55680729d
SM_V9_6 iris    exon    18054824        18055170        .       -
       .       Parent=Smp_300150.1;Name=32715f5d-
f2ef-402a-9539-4eee69cc1a34
SM_V9_6 iris    exon    18060638        18060884        .       -
       .       Parent=Smp_300150.1;Name=792777ff-a28a-4db0-ba27-
c7919b3cbd9b
SM_V9_6 iris    exon    18068660        18068957        .       -
       .       Parent=Smp_300150.1;Name=1fc5711a-448c-4fd8-a73c-
c742ca1f0726
SM_V9_6 iris    exon    18076068        18076225        .       -
       .       Parent=Smp_300150.1;Name=da7d703d-f4a7-4531-
b497-06292f9656c4
SM_V9_6 iris    exon    18111319        18111722        .       -
       .       Parent=Smp_300150.1;Name=bd53380b-edef-432f-b6b2-
c3e7b14a9e44
SM_V9_6 iris    CDS     18043360        18043752        .       -
       0       Parent=Smp_300150.1
SM_V9_6 iris    CDS     18045459        18045913        .       -
       2       Parent=Smp_300150.1
SM_V9_6 iris    CDS     18048121        18048335        .       -
       1       Parent=Smp_300150.1
SM_V9_6 iris    CDS     18054824        18055170        .       -
       0       Parent=Smp_300150.1
SM_V9_6 iris    CDS     18060638        18060884        .       -
       1       Parent=Smp_300150.1
SM_V9_6 iris    CDS     18068660        18068957        .       -
       2       Parent=Smp_300150.1
SM_V9_6 iris    CDS     18076068        18076225        .       -
       1       Parent=Smp_300150.1
SM_V9_6 iris    CDS     18111319        18111548        .       -
       0       Parent=Smp_300150.1
SM_V9_6 iris    gene    18152120        18156085        .       -
       .
ID=Smp_309350;geneID=Smp_309350;gene_name=Smp_309350;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    18152120        18156085        .       -
       .
ID=Smp_309350.1;Parent=Smp_309350;geneID=Smp_309350;gene_name=Smp_30
9350;owner=irisadmin@local.host;orig_id=Smp_309350.1;date_last_modif
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ied=2022-08-15;Name=Smp_309350.1;product=Hypothetical
protein;date_creation=2022-08-15
SM_V9_6 iris    exon    18152120        18153464        .       -
        .       Parent=Smp_309350.1;Name=e14bae3c-
afc4-444b-911a-6f6943e9fd2e
SM_V9_6 iris    exon    18155064        18155526        .       -
        .       Parent=Smp_309350.1;Name=ea3ce9f0-c7f0-4bd5-
a895-3fbb644e7364
SM_V9_6 iris    exon    18155859        18156085        .       -
        .
Parent=Smp_309350.1;Name=d7e5a029-1e25-4735-9b81-787fefb059fa
SM_V9_6 iris    CDS     18152272        18153464        .       -
        2       Parent=Smp_309350.1
SM_V9_6 iris    CDS     18155064        18155526        .       -
        0       Parent=Smp_309350.1
SM_V9_6 iris    CDS     18155859        18156083        .       -
        0       Parent=Smp_309350.1
SM_V9_6 iris    gene    18156089        18168759        .       -
        .
ID=Smp_309355;geneID=Smp_309355;gene_name=Smp_309355;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_6 iris    mRNA    18156089        18168759        .       -
        .
ID=Smp_309355.1;Parent=Smp_309355;geneID=Smp_309355;gene_name=Smp_30
9355;owner=irisadmin@local.host;orig_id=Smp_309350.2;date_last_modif
ied=2022-08-15;Name=Smp_309355.1;date_creation=2022-08-15
SM_V9_6 iris    exon    18156089        18156455        .       -
        .       Parent=Smp_309355.1;Name=1b391158-a7b9-42ea-abf2-
a57bd73a6205
SM_V9_6 iris    exon    18159480        18159659        .       -
        .       Parent=Smp_309355.1;Name=8e9b492f-4e69-4827-af65-
f6155001fc17
SM_V9_6 iris    exon    18162640        18162739        .       -
        .
Parent=Smp_309355.1;Name=07c7c185-4c5a-470b-8aed-43ce4c130ef2
SM_V9_6 iris    exon    18162786        18162883        .       -
        .       Parent=Smp_309355.1;Name=b53ebf53-7a7a-4152-91c7-
e7da937a8ddd
SM_V9_6 iris    exon    18162929        18162993        .       -
        .       Parent=Smp_309355.1;Name=b8aaa780-f667-4961-
b63b-2e03bec08e21
SM_V9_6 iris    exon    18168685        18168759        .       -
        .       Parent=Smp_309355.1;Name=70d0f583-
d04d-4116-9bb0-2a84c6df38fc
SM_V9_6 iris    CDS     18156339        18156455        .       -
        0       Parent=Smp_309355.1
SM_V9_6 iris    CDS     18159480        18159659        .       -
        0       Parent=Smp_309355.1
SM_V9_6 iris    CDS     18162640        18162739        .       -
        1       Parent=Smp_309355.1
SM_V9_6 iris    CDS     18162786        18162883        .       -
        0       Parent=Smp_309355.1
SM_V9_6 iris    CDS     18162929        18162967        .       -
        0       Parent=Smp_309355.1
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SM_V9_6 Liftoff gene    18172629        18175530        .       +
        .       ID=Smp_050880;geneID=Smp_050880
SM_V9_6 Liftoff mRNA    18172629        18175530        .       +
        .
ID=Smp_050880.1;Parent=Smp_050880;geneID=Smp_050880;product=UPF0587
protein v1g245604;polypeptide_domain=InterPro:IPR008584 Pfam:PF05907
SM_V9_6 Liftoff exon    18172629        18172765        .       +
        .       Parent=Smp_050880.1
SM_V9_6 Liftoff exon    18172802        18172885        .       +
        .       Parent=Smp_050880.1
SM_V9_6 Liftoff exon    18172927        18172983        .       +
        .       Parent=Smp_050880.1
SM_V9_6 Liftoff exon    18173020        18173101        .       +
        .       Parent=Smp_050880.1
SM_V9_6 Liftoff exon    18174394        18174569        .       +
        .       Parent=Smp_050880.1
SM_V9_6 Liftoff exon    18175367        18175530        .       +
        .       Parent=Smp_050880.1
SM_V9_6 Liftoff CDS     18172760        18172765        .       +
        0       Parent=Smp_050880.1
SM_V9_6 Liftoff CDS     18172802        18172885        .       +
        0       Parent=Smp_050880.1
SM_V9_6 Liftoff CDS     18172927        18172983        .       +
        0       Parent=Smp_050880.1
SM_V9_6 Liftoff CDS     18173020        18173101        .       +
        0       Parent=Smp_050880.1
SM_V9_6 Liftoff CDS     18174394        18174569        .       +
        2       Parent=Smp_050880.1
SM_V9_6 Liftoff CDS     18175367        18175450        .       +
        0       Parent=Smp_050880.1
SM_V9_6 Liftoff mRNA    18172629        18175530        .       +
        .
ID=Smp_050880.2;Parent=Smp_050880;geneID=Smp_050880;product=UPF0587
protein v1g245604;polypeptide_domain=InterPro:IPR008584 Pfam:PF05907
SM_V9_6 Liftoff exon    18172629        18172765        .       +
        .       Parent=Smp_050880.2
SM_V9_6 Liftoff exon    18172802        18172885        .       +
        .       Parent=Smp_050880.2
SM_V9_6 Liftoff exon    18172927        18172983        .       +
        .       Parent=Smp_050880.2
SM_V9_6 Liftoff exon    18173020        18173101        .       +
        .       Parent=Smp_050880.2
SM_V9_6 Liftoff exon    18174394        18175530        .       +
        .       Parent=Smp_050880.2
SM_V9_6 Liftoff CDS     18172760        18172765        .       +
        0       Parent=Smp_050880.2
SM_V9_6 Liftoff CDS     18172802        18172885        .       +
        0       Parent=Smp_050880.2
SM_V9_6 Liftoff CDS     18172927        18172983        .       +
        0       Parent=Smp_050880.2
SM_V9_6 Liftoff CDS     18173020        18173101        .       +
        0       Parent=Smp_050880.2
SM_V9_6 Liftoff CDS     18174394        18174581        .       +
        2       Parent=Smp_050880.2
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SM_V9_6 iris    gene    18177240        18208785        .       -
       .
ID=Smp_050890;geneID=Smp_050890;gene_name=Smp_050890;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18177240        18208785        .       -
       .
ID=Smp_050890.1;Parent=Smp_050890;geneID=Smp_050890;gene_name=Smp_05
0890;owner=irisadmin@local.host;orig_id=Smp_050890.1;date_last_modif
ied=2022-07-19;Name=Smp_050890.1;product=Protein
HID1;date_creation=2022-07-19
SM_V9_6 iris    exon    18177240        18178051        .       -
       .
Parent=Smp_050890.1;Name=97108051-06ac-4640-8727-254164e45818
SM_V9_6 iris    exon    18180644        18180802        .       -
       .       Parent=Smp_050890.1;Name=0734b6f3-a3ba-41a7-bc01-
e76800be2bfd
SM_V9_6 iris    exon    18182861        18183144        .       -
       .       Parent=Smp_050890.1;Name=e57fd178-64d2-41e5-
ac2e-128e0868c871
SM_V9_6 iris    exon    18184826        18185122        .       -
       .       Parent=Smp_050890.1;Name=f77aaa4b-ad17-482b-
b0a5-0bffacdd5bcc
SM_V9_6 iris    exon    18188033        18188421        .       -
       .       Parent=Smp_050890.1;Name=b769721a-4a03-4409-
ade3-78a04a58b080
SM_V9_6 iris    exon    18190488        18190652        .       -
       .       Parent=Smp_050890.1;Name=718bd353-278d-4e9b-
ae61-596b996b4d25
SM_V9_6 iris    exon    18192556        18192634        .       -
       .
Parent=Smp_050890.1;Name=e9051877-77e6-4703-84a5-7390f53778c9
SM_V9_6 iris    exon    18194288        18194439        .       -
       .       Parent=Smp_050890.1;Name=5101e104-da61-487e-
b93d-86a7ebd841d5
SM_V9_6 iris    exon    18197375        18197606        .       -
       .       Parent=Smp_050890.1;Name=59596026-5e2e-4834-
b020-9b6908c4aa5e
SM_V9_6 iris    exon    18201184        18201411        .       -
       .       Parent=Smp_050890.1;Name=8c2291b5-d559-48a0-a92a-
e2e809f8b460
SM_V9_6 iris    exon    18202168        18202521        .       -
       .       Parent=Smp_050890.1;Name=da575ed9-b99f-4b8f-
bfe3-37f5678ca3f2
SM_V9_6 iris    exon    18208126        18208179        .       -
       .
Parent=Smp_050890.1;Name=6d5008be-68f7-4139-96bd-3e44a9ecc604
SM_V9_6 iris    exon    18208213        18208257        .       -
       .       Parent=Smp_050890.1;Name=f2f2b7ea-0030-42dc-
bb3b-47d9f6781317
SM_V9_6 iris    exon    18208296        18208408        .       -
       .       Parent=Smp_050890.1;Name=2b626d38-c780-446c-b964-
ba9c5ffd715b
SM_V9_6 iris    exon    18208441        18208654        .       -
       .       Parent=Smp_050890.1;Name=4611cb39-1092-43bb-
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a040-5a41573e2fcf
SM_V9_6 iris    exon    18208689        18208785        .       -
        .       Parent=Smp_050890.1;Name=2ae3d463-dca3-44ac-a0a6-
cd9c30ce09a0
SM_V9_6 iris    CDS     18177988        18178051        .       -
        1       Parent=Smp_050890.1
SM_V9_6 iris    CDS     18180644        18180802        .       -
        1       Parent=Smp_050890.1
SM_V9_6 iris    CDS     18182861        18183144        .       -
        0       Parent=Smp_050890.1
SM_V9_6 iris    CDS     18184826        18185122        .       -
        0       Parent=Smp_050890.1
SM_V9_6 iris    CDS     18188033        18188421        .       -
        2       Parent=Smp_050890.1
SM_V9_6 iris    CDS     18190488        18190652        .       -
        2       Parent=Smp_050890.1
SM_V9_6 iris    CDS     18192556        18192634        .       -
        0       Parent=Smp_050890.1
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        0       Parent=Smp_050890.1
SM_V9_6 iris    CDS     18202168        18202521        .       -
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SM_V9_6 iris    CDS     18208296        18208408        .       -
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SM_V9_6 iris    CDS     18208441        18208654        .       -
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        0       Parent=Smp_050890.1
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SM_V9_6 Liftoff mRNA    18217936        18244865        .       -
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brane protein 181;polypeptide_domain=Pfam:PF06664
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SM_V9_6 Liftoff exon    18221410        18221476        .       -
        .       Parent=Smp_149370.1
SM_V9_6 Liftoff exon    18224123        18224434        .       -
        .       Parent=Smp_149370.1
SM_V9_6 Liftoff exon    18226003        18226105        .       -
        .       Parent=Smp_149370.1
SM_V9_6 Liftoff exon    18228048        18228197        .       -
        .       Parent=Smp_149370.1
SM_V9_6 Liftoff exon    18230251        18230378        .       -
        .       Parent=Smp_149370.1
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SM_V9_6 Liftoff exon    18236213        18236312        .       -
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SM_V9_6 Liftoff exon    18239588        18239806        .       -
        .       Parent=Smp_149370.1
SM_V9_6 Liftoff exon    18242303        18242475        .       -
        .       Parent=Smp_149370.1
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SM_V9_6 Liftoff exon    18243587        18243690        .       -
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SM_V9_6 Liftoff CDS     18221410        18221476        .       -
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SM_V9_6 Liftoff CDS     18224123        18224434        .       -
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SM_V9_6 Liftoff CDS     18226003        18226105        .       -
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SM_V9_6 Liftoff CDS     18228048        18228197        .       -
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SM_V9_6 Liftoff CDS     18230251        18230378        .       -
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SM_V9_6 Liftoff CDS     18239588        18239806        .       -
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SM_V9_6 Liftoff CDS     18242303        18242475        .       -
        2       Parent=Smp_149370.1
SM_V9_6 Liftoff CDS     18243395        18243550        .       -
        2       Parent=Smp_149370.1
SM_V9_6 Liftoff CDS     18243587        18243690        .       -
        1       Parent=Smp_149370.1
SM_V9_6 Liftoff CDS     18244753        18244778        .       -
        0       Parent=Smp_149370.1
SM_V9_6 Liftoff gene    18251509        18265223        .       +
        .       ID=Smp_050920;geneID=Smp_050920
SM_V9_6 Liftoff mRNA    18251509        18265223        .       +
        .
ID=Smp_050920.1;Parent=Smp_050920;geneID=Smp_050920;product=Transfor
mer-2 protein homolog beta;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    18251509        18254504        .       +
        .       Parent=Smp_050920.1
SM_V9_6 Liftoff exon    18256066        18256451        .       +
        .       Parent=Smp_050920.1
SM_V9_6 Liftoff exon    18257524        18257698        .       +
        .       Parent=Smp_050920.1
SM_V9_6 Liftoff exon    18260975        18265223        .       +
        .       Parent=Smp_050920.1
SM_V9_6 Liftoff CDS     18254425        18254504        .       +
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SM_V9_6 Liftoff CDS     18256066        18256451        .       +
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SM_V9_6 Liftoff CDS     18260975        18261317        .       +
        1       Parent=Smp_050920.1
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        .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18295052        18299798        .       -
        .
ID=Smp_149380.1;Parent=Smp_149380;geneID=Smp_149380;gene_name=Smp_14
9380;owner=irisadmin@local.host;orig_id=Smp_149380.2;date_last_modif
ied=2022-07-19;Name=Smp_149380.1;product=SET domain-containing
protein 4;date_creation=2022-07-19
SM_V9_6 iris    exon    18295052        18296747        .       -
        .       Parent=Smp_149380.1;Name=720093b9-219a-4c6c-b3da-
dac608a36dab
SM_V9_6 iris    exon    18298823        18299798        .       -
        .       Parent=Smp_149380.1;Name=33446e99-562a-43ff-
a968-44064d14243f
SM_V9_6 iris    CDS     18295944        18296747        .       -
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SM_V9_6 iris    CDS     18298823        18299755        .       -
        0       Parent=Smp_149380.1
SM_V9_6 iris    mRNA    18295094        18299798        .       -
        .
ID=Smp_149380.2;Parent=Smp_149380;geneID=Smp_149380;gene_name=Smp_14
9380;owner=irisadmin@local.host;orig_id=Smp_149380.1;date_last_modif
ied=2022-07-19;Name=Smp_149380.2;product=SET domain-containing
protein 4;date_creation=2022-07-19
SM_V9_6 iris    exon    18295094        18295800        .       -
        .       Parent=Smp_149380.2;Name=5a3d8dad-cb54-42f1-b735-
cdf6d9ce2756
SM_V9_6 iris    exon    18295953        18296747        .       -
        .       Parent=Smp_149380.2;Name=b59a66f7-1a1a-4705-
b314-022f742cbbf9
SM_V9_6 iris    exon    18298823        18299798        .       -
        .       Parent=Smp_149380.2;Name=2faef86f-c459-4333-
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SM_V9_6 iris    CDS     18295678        18295800        .       -
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SM_V9_6 iris    CDS     18295953        18296747        .       -
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SM_V9_6 iris    CDS     18298823        18299755        .       -
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SM_V9_6 iris    gene    18306855        18308835        .       -
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SM_V9_6 iris    mRNA    18306855        18308835        .       -
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ID=Smp_349490.1;Parent=Smp_349490;geneID=Smp_349490;gene_name=Smp_34
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SM_V9_6 iris    CDS     18307128        18308549        .       -
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SM_V9_6 Liftoff gene    18321519        18322196        .       +
        .       ID=Smp_050940;geneID=Smp_050940
SM_V9_6 Liftoff mRNA    18321519        18322196        .       +
        .
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L11;polypeptide_domain=InterPro:IPR002132,IPR020929,IPR022803,IPR031
309,IPR031310
Pfam:PF00281,PF00673;Ontology_term=GO:0003735,GO:0005622,GO:0005840,
GO:0006412
SM_V9_6 Liftoff exon    18321519        18321813        .       +
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SM_V9_6 Liftoff exon    18321844        18322033        .       +
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SM_V9_6 Liftoff exon    18322070        18322196        .       +
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SM_V9_6 Liftoff CDS     18321564        18321813        .       +
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SM_V9_6 Liftoff CDS     18321844        18322033        .       +
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SM_V9_6 Liftoff CDS     18322070        18322172        .       +
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SM_V9_6 Liftoff gene    18326941        18405075        .       -
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ID=Smp_347550;geneID=Smp_347550;previous_systematic_id=Smp_149390,Sm
p_214270,Smp_242970
SM_V9_6 Liftoff mRNA    18326941        18405075        .       -
        .
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related extracellular matrix protein
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Pfam:PF00059,PF16184
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SM_V9_6 Liftoff exon    18329092        18329265        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18330465        18330765        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18333083        18333159        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18336897        18337040        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18338797        18339011        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18341085        18342471        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18343425        18343657        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18346047        18347209        .       -
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SM_V9_6 Liftoff exon    18354836        18355089        .       -
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SM_V9_6 Liftoff exon    18355582        18355695        .       -
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SM_V9_6 Liftoff exon    18358824        18359246        .       -
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SM_V9_6 Liftoff exon    18375826        18376032        .       -
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SM_V9_6 Liftoff exon    18377698        18377943        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18382608        18382785        .       -
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SM_V9_6 Liftoff exon    18388438        18388710        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18391160        18391536        .       -
        .       Parent=Smp_347550.1
SM_V9_6 Liftoff exon    18404627        18405075        .       -
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SM_V9_6 Liftoff CDS     18329092        18329265        .       -
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SM_V9_6 Liftoff CDS     18330465        18330765        .       -
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SM_V9_6 Liftoff CDS     18333083        18333159        .       -
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SM_V9_6 Liftoff CDS     18336897        18337040        .       -
        2       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18338797        18339011        .       -
        1       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18341085        18342471        .       -
        2       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18343425        18343657        .       -
        1       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18346047        18347209        .       -
        0       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18349056        18349548        .       -
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SM_V9_6 Liftoff CDS     18354836        18355089        .       -
        0       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18355582        18355695        .       -
        0       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18358824        18359246        .       -
        0       Parent=Smp_347550.1
SM_V9_6 Liftoff CDS     18363462        18363950        .       -
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SM_V9_6 Liftoff CDS     18368331        18368780        .       -
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SM_V9_6 Liftoff CDS     18377698        18377943        .       -
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SM_V9_6 Liftoff CDS     18382608        18382785        .       -
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SM_V9_6 Liftoff CDS     18388438        18388710        .       -
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SM_V9_6 Liftoff CDS     18391160        18391536        .       -
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SM_V9_6 Liftoff CDS     18404627        18404974        .       -
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SM_V9_6 Liftoff gene    18411494        18443608        .       -
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        .
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G-protein coupled receptor 179
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SM_V9_6 Liftoff exon    18416329        18416576        .       -
        .       Parent=Smp_243000.1
SM_V9_6 Liftoff exon    18423111        18423362        .       -
        .       Parent=Smp_243000.1
SM_V9_6 Liftoff exon    18426150        18426356        .       -
        .       Parent=Smp_243000.1
SM_V9_6 Liftoff exon    18428132        18428508        .       -
        .       Parent=Smp_243000.1
SM_V9_6 Liftoff exon    18429836        18429895        .       -
        .       Parent=Smp_243000.1
SM_V9_6 Liftoff exon    18430896        18431139        .       -
        .       Parent=Smp_243000.1
SM_V9_6 Liftoff exon    18435231        18435354        .       -
        .       Parent=Smp_243000.1
SM_V9_6 Liftoff exon    18437267        18437634        .       -
        .       Parent=Smp_243000.1
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SM_V9_6 Liftoff CDS     18416329        18416576        .       -
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SM_V9_6 Liftoff CDS     18423111        18423362        .       -
        0       Parent=Smp_243000.1
SM_V9_6 Liftoff CDS     18426150        18426356        .       -
        0       Parent=Smp_243000.1
SM_V9_6 Liftoff CDS     18428132        18428508        .       -
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        2       Parent=Smp_243000.1
SM_V9_6 Liftoff CDS     18430896        18431139        .       -
        0       Parent=Smp_243000.1
SM_V9_6 Liftoff CDS     18435231        18435354        .       -
        1       Parent=Smp_243000.1
SM_V9_6 Liftoff CDS     18437267        18437634        .       -
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SM_V9_6 Liftoff CDS     18439626        18440225        .       -
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SM_V9_6 Liftoff gene    18448215        18517730        .       +
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SM_V9_6 Liftoff mRNA    18448215        18517730        .       +
        .
ID=Smp_051000.1;Parent=Smp_051000;geneID=Smp_051000;product=Syndetin
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Pfam:PF10474,PF10475
SM_V9_6 Liftoff exon    18448215        18448301        .       +
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SM_V9_6 Liftoff exon    18454236        18454322        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18457055        18457171        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18461339        18461541        .       +
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SM_V9_6 Liftoff exon    18464163        18464316        .       +
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SM_V9_6 Liftoff exon    18466611        18466693        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18468881        18469003        .       +
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SM_V9_6 Liftoff exon    18470214        18470382        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18471987        18472106        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18473389        18473771        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18479217        18479315        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18484804        18484894        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18487757        18487911        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18491128        18491437        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18496786        18496864        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18503310        18503401        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff exon    18506093        18506119        .       +
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SM_V9_6 Liftoff exon    18508566        18508667        .       +
        .       Parent=Smp_051000.1
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SM_V9_6 Liftoff exon    18509987        18510178        .       +
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SM_V9_6 Liftoff exon    18511835        18512371        .       +
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SM_V9_6 Liftoff exon    18517457        18517730        .       +
        .       Parent=Smp_051000.1
SM_V9_6 Liftoff CDS     18448272        18448301        .       +
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SM_V9_6 Liftoff CDS     18471987        18472106        .       +
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SM_V9_6 Liftoff CDS     18473389        18473771        .       +
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SM_V9_6 Liftoff CDS     18479217        18479315        .       +
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SM_V9_6 Liftoff CDS     18484804        18484894        .       +
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SM_V9_6 Liftoff CDS     18487757        18487911        .       +
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SM_V9_6 Liftoff CDS     18491128        18491437        .       +
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SM_V9_6 Liftoff CDS     18496786        18496864        .       +
        0       Parent=Smp_051000.1
SM_V9_6 Liftoff CDS     18503310        18503401        .       +
        2       Parent=Smp_051000.1
SM_V9_6 Liftoff CDS     18506093        18506119        .       +
        0       Parent=Smp_051000.1
SM_V9_6 Liftoff CDS     18508566        18508667        .       +
        0       Parent=Smp_051000.1
SM_V9_6 Liftoff CDS     18509987        18510178        .       +
        0       Parent=Smp_051000.1
SM_V9_6 Liftoff CDS     18510869        18511020        .       +
        0       Parent=Smp_051000.1
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        1       Parent=Smp_051000.1
SM_V9_6 Liftoff CDS     18517457        18517709        .       +
        1       Parent=Smp_051000.1
SM_V9_6 Liftoff mRNA    18448215        18517730        .       +
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;polypeptide_domain=InterPro:IPR019514,IPR019515
Pfam:PF10474,PF10475
SM_V9_6 Liftoff exon    18448215        18448301        .       +
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SM_V9_6 Liftoff exon    18454236        18454322        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18457055        18457171        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18461339        18461541        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18464163        18464316        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18466611        18466693        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18468881        18469003        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18470214        18470278        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18470318        18470382        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18471987        18472106        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18473389        18473771        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18479217        18479315        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18484804        18484894        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18487757        18487911        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18491128        18491437        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18496786        18496864        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18503310        18503401        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18506093        18506119        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18508566        18508667        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18509987        18510178        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18510869        18511020        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18511835        18512371        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff exon    18517457        18517730        .       +
        .       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18448272        18448301        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18454236        18454322        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18457055        18457171        .       +
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        0       Parent=Smp_051000.2
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        1       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18466611        18466693        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18468881        18469003        .       +
        1       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18470214        18470278        .       +
        1       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18470318        18470382        .       +
        2       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18471987        18472106        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18473389        18473771        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18479217        18479315        .       +
        1       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18484804        18484894        .       +
        1       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18487757        18487911        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18491128        18491437        .       +
        1       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18496786        18496864        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18503310        18503401        .       +
        2       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18506093        18506119        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18508566        18508667        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18509987        18510178        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18510869        18511020        .       +
        0       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18511835        18512371        .       +
        1       Parent=Smp_051000.2
SM_V9_6 Liftoff CDS     18517457        18517709        .       +
        1       Parent=Smp_051000.2
SM_V9_6 Liftoff gene    18517732        18522418        .       -
        .       ID=Smp_051010;geneID=Smp_051010
SM_V9_6 Liftoff mRNA    18517732        18522418        .       -
        .
ID=Smp_051010.1;Parent=Smp_051010;geneID=Smp_051010;product=Ubiquiti
n-conjugating enzyme E2
C;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_6 Liftoff exon    18517732        18518051        .       -
        .       Parent=Smp_051010.1
SM_V9_6 Liftoff exon    18518832        18519036        .       -
        .       Parent=Smp_051010.1
SM_V9_6 Liftoff exon    18519138        18519224        .       -
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        .       Parent=Smp_051010.1
SM_V9_6 Liftoff exon    18522229        18522256        .       -
        .       Parent=Smp_051010.1
SM_V9_6 Liftoff exon    18522299        18522418        .       -
        .       Parent=Smp_051010.1
SM_V9_6 Liftoff CDS     18517942        18518051        .       -
        2       Parent=Smp_051010.1
SM_V9_6 Liftoff CDS     18518832        18519036        .       -
        0       Parent=Smp_051010.1
SM_V9_6 Liftoff CDS     18519138        18519224        .       -
        0       Parent=Smp_051010.1
SM_V9_6 Liftoff CDS     18522229        18522256        .       -
        1       Parent=Smp_051010.1
SM_V9_6 Liftoff CDS     18522299        18522324        .       -
        0       Parent=Smp_051010.1
SM_V9_6 Liftoff gene    18530952        18581343        .       +
        .       ID=Smp_149400;geneID=Smp_149400
SM_V9_6 Liftoff mRNA    18530952        18581343        .       +
        .
ID=Smp_149400.1;Parent=Smp_149400;geneID=Smp_149400;product=PC3-like
endoprotease variant
B;polypeptide_domain=InterPro:IPR000209,IPR002884,IPR008979,IPR01550
0,IPR022398,IPR023827,IPR023828,IPR034182
Pfam:PF00082,PF01483;Ontology_term=GO:0004252,GO:0006508
SM_V9_6 Liftoff exon    18530952        18531149        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18533768        18533902        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18549630        18549758        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18557874        18557972        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18560949        18561187        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18562194        18562282        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18563381        18563553        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18565892        18566170        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18571710        18571810        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18573729        18574076        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18577590        18577905        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff exon    18578965        18579245        .       +
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SM_V9_6 Liftoff exon    18581195        18581343        .       +
        .       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18531003        18531149        .       +
        0       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18533768        18533902        .       +
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SM_V9_6 Liftoff CDS     18549630        18549758        .       +
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SM_V9_6 Liftoff CDS     18557874        18557972        .       +
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SM_V9_6 Liftoff CDS     18560949        18561187        .       +
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SM_V9_6 Liftoff CDS     18562194        18562282        .       +
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SM_V9_6 Liftoff CDS     18563381        18563553        .       +
        2       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18565892        18566170        .       +
        0       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18571710        18571810        .       +
        0       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18573729        18574076        .       +
        1       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18577590        18577905        .       +
        1       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18578965        18579245        .       +
        0       Parent=Smp_149400.1
SM_V9_6 Liftoff CDS     18581195        18581195        .       +
        1       Parent=Smp_149400.1
SM_V9_6 Liftoff gene    18595062        18607131        .       +
        .       ID=Smp_149410;geneID=Smp_149410
SM_V9_6 Liftoff mRNA    18595062        18607131        .       +
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ID=Smp_149410.1;Parent=Smp_149410;geneID=Smp_149410;product=E3
ubiquitin-protein ligase listerin
SM_V9_6 Liftoff exon    18595062        18604902        .       +
        .       Parent=Smp_149410.1
SM_V9_6 Liftoff exon    18604942        18605299        .       +
        .       Parent=Smp_149410.1
SM_V9_6 Liftoff exon    18606763        18607131        .       +
        .       Parent=Smp_149410.1
SM_V9_6 Liftoff CDS     18604867        18604902        .       +
        0       Parent=Smp_149410.1
SM_V9_6 Liftoff CDS     18604942        18605299        .       +
        0       Parent=Smp_149410.1
SM_V9_6 Liftoff CDS     18606763        18607019        .       +
        2       Parent=Smp_149410.1
SM_V9_6 iris    gene    18614200        18629189        .       -
        .
ID=Smp_177180;geneID=Smp_177180;gene_name=Smp_177180;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18614200        18629189        .       -
        .
ID=Smp_177180.1;Parent=Smp_177180;geneID=Smp_177180;gene_name=Smp_17
7180;owner=irisadmin@local.host;orig_id=Smp_177180.2;date_last_modif
ied=2022-07-19;Name=Smp_177180.1;product=Protein dead ringer
homolog;date_creation=2022-07-19
SM_V9_6 iris    exon    18614200        18616556        .       -
        .       Parent=Smp_177180.1;Name=d6149ae6-5788-49a5-a273-
f644084bcf16
SM_V9_6 iris    exon    18628799        18628882        .       -
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        .       Parent=Smp_177180.1;Name=33423d1c-6418-44c2-
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SM_V9_6 iris    exon    18628921        18629052        .       -
        .
Parent=Smp_177180.1;Name=3e7558ba-4520-48ec-8043-11bb6d2e030b
SM_V9_6 iris    exon    18629095        18629189        .       -
        .       Parent=Smp_177180.1;Name=fd4bd2b9-c51d-4421-9e3d-
dc066d170193
SM_V9_6 iris    CDS     18616191        18616556        .       -
        0       Parent=Smp_177180.1
SM_V9_6 iris    CDS     18628799        18628882        .       -
        0       Parent=Smp_177180.1
SM_V9_6 iris    CDS     18628921        18629052        .       -
        0       Parent=Smp_177180.1
SM_V9_6 iris    CDS     18629095        18629124        .       -
        0       Parent=Smp_177180.1
SM_V9_6 iris    mRNA    18626673        18629189        .       -
        .
ID=Smp_177180.3;Parent=Smp_177180;geneID=Smp_177180;gene_name=Smp_17
7180;owner=irisadmin@local.host;orig_id=Smp_177180.1;date_last_modif
ied=2022-07-19;Name=Smp_177180.3;product=UvrABC system protein
A;date_creation=2022-07-19
SM_V9_6 iris    exon    18626673        18627439        .       -
        .
Parent=Smp_177180.3;Name=6f159faa-2fa7-4045-9b1d-7a16727f7b24
SM_V9_6 iris    exon    18628799        18628882        .       -
        .       Parent=Smp_177180.3;Name=d36d96e8-1ef8-4fcc-8545-
b929aa409cb4
SM_V9_6 iris    exon    18628921        18629052        .       -
        .
Parent=Smp_177180.3;Name=f4befee3-6ca1-40a3-9b06-26514545e2b2
SM_V9_6 iris    exon    18629095        18629189        .       -
        .
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SM_V9_6 iris    CDS     18627407        18627439        .       -
        0       Parent=Smp_177180.3
SM_V9_6 iris    CDS     18628799        18628882        .       -
        0       Parent=Smp_177180.3
SM_V9_6 iris    CDS     18628921        18629052        .       -
        0       Parent=Smp_177180.3
SM_V9_6 iris    CDS     18629095        18629124        .       -
        0       Parent=Smp_177180.3
SM_V9_6 iris    mRNA    18628562        18629189        .       -
        .
ID=Smp_177180.2;Parent=Smp_177180;geneID=Smp_177180;gene_name=Smp_17
7180;owner=irisadmin@local.host;orig_id=Smp_177180.3;date_last_modif
ied=2022-07-19;Name=Smp_177180.2;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_6 iris    exon    18628562        18628882        .       -
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a7ff5b974013
SM_V9_6 iris    exon    18628921        18629052        .       -
        .       Parent=Smp_177180.2;Name=3c14a8a1-4ab5-43f6-
b6b2-97402bc40af3
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SM_V9_6 iris    exon    18629095        18629189        .       -
        .       Parent=Smp_177180.2;Name=ae3c41b3-8cbb-45c8-
ab75-4061f1379cd5
SM_V9_6 iris    CDS     18628736        18628882        .       -
        0       Parent=Smp_177180.2
SM_V9_6 iris    CDS     18628921        18629052        .       -
        0       Parent=Smp_177180.2
SM_V9_6 iris    CDS     18629095        18629124        .       -
        0       Parent=Smp_177180.2
SM_V9_6 iris    gene    18637293        18643142        .       -
        .
ID=Smp_051070;geneID=Smp_051070;gene_name=Smp_051070;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18637293        18643142        .       -
        .
ID=Smp_051070.1;Parent=Smp_051070;geneID=Smp_051070;gene_name=Smp_05
1070;owner=irisadmin@local.host;orig_id=Smp_051070.1;date_last_modif
ied=2022-07-19;Name=Smp_051070.1;product=Protein
DGCR6;date_creation=2022-07-19
SM_V9_6 iris    exon    18637293        18638051        .       -
        .       Parent=Smp_051070.1;Name=9ccfd101-d993-421f-
b796-314ccddab557
SM_V9_6 iris    exon    18639162        18639268        .       -
        .       Parent=Smp_051070.1;Name=e216c707-8cd4-4ad3-8699-
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SM_V9_6 iris    exon    18641017        18641177        .       -
        .       Parent=Smp_051070.1;Name=ed50efe8-2798-4430-85c4-
d4825f54e2f3
SM_V9_6 iris    exon    18642926        18643142        .       -
        .
Parent=Smp_051070.1;Name=f1efb3c8-5091-4bdc-9f89-432696baee0d
SM_V9_6 iris    CDS     18637794        18638051        .       -
        0       Parent=Smp_051070.1
SM_V9_6 iris    CDS     18639162        18639268        .       -
        2       Parent=Smp_051070.1
SM_V9_6 iris    CDS     18641017        18641177        .       -
        1       Parent=Smp_051070.1
SM_V9_6 iris    CDS     18642926        18643116        .       -
        0       Parent=Smp_051070.1
SM_V9_6 Liftoff gene    18658137        18669298        .       -
        .       ID=Smp_051080;geneID=Smp_051080
SM_V9_6 Liftoff mRNA    18658137        18669298        .       -
        .
ID=Smp_051080.1;Parent=Smp_051080;geneID=Smp_051080;product=Clathrin
light chain;polypeptide_domain=InterPro:IPR000996
Pfam:PF01086;Ontology_term=GO:0005198,GO:0006886,GO:0016192,GO:00301
30,GO:0030132
SM_V9_6 Liftoff exon    18658137        18658904        .       -
        .       Parent=Smp_051080.1
SM_V9_6 Liftoff exon    18661188        18661358        .       -
        .       Parent=Smp_051080.1
SM_V9_6 Liftoff exon    18662668        18662960        .       -
        .       Parent=Smp_051080.1
SM_V9_6 Liftoff exon    18669100        18669298        .       -
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        .       Parent=Smp_051080.1
SM_V9_6 Liftoff CDS     18658833        18658904        .       -
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SM_V9_6 Liftoff CDS     18661188        18661358        .       -
        0       Parent=Smp_051080.1
SM_V9_6 Liftoff CDS     18662668        18662960        .       -
        2       Parent=Smp_051080.1
SM_V9_6 Liftoff CDS     18669100        18669196        .       -
        0       Parent=Smp_051080.1
SM_V9_6 iris    gene    18675582        18689196        .       +
        .
ID=Smp_051090;geneID=Smp_051090;gene_name=Smp_051090;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18675582        18689196        .       +
        .
ID=Smp_051090.1;Parent=Smp_051090;geneID=Smp_051090;gene_name=Smp_05
1090;owner=irisadmin@local.host;orig_id=Smp_051090.1;date_last_modif
ied=2022-07-19;Name=Smp_051090.1;product=Cilia- and flagella-
associated protein 20;date_creation=2022-07-19
SM_V9_6 iris    exon    18675582        18675722        .       +
        .
Parent=Smp_051090.1;Name=d931892b-25b8-4b2f-92f5-156430c33185
SM_V9_6 iris    exon    18679791        18679949        .       +
        .       Parent=Smp_051090.1;Name=b5aa7fa4-6c1a-4b13-
b7b7-65b8b788e464
SM_V9_6 iris    exon    18679995        18680074        .       +
        .       Parent=Smp_051090.1;Name=77da5ae2-01f4-4cd0-
b782-0fd19a3c6b06
SM_V9_6 iris    exon    18680114        18680225        .       +
        .       Parent=Smp_051090.1;Name=4cdeeff2-6415-4df1-8e0c-
ec48d2c2a909
SM_V9_6 iris    exon    18680260        18680448        .       +
        .       Parent=Smp_051090.1;Name=030633fb-fbd0-4d13-
ad27-7e211eacdc65
SM_V9_6 iris    exon    18688269        18689196        .       +
        .       Parent=Smp_051090.1;Name=3f4147be-9c0a-4f18-a31a-
d8d91ad6f247
SM_V9_6 iris    CDS     18679866        18679949        .       +
        0       Parent=Smp_051090.1
SM_V9_6 iris    CDS     18679995        18680074        .       +
        0       Parent=Smp_051090.1
SM_V9_6 iris    CDS     18680114        18680225        .       +
        1       Parent=Smp_051090.1
SM_V9_6 iris    CDS     18680260        18680448        .       +
        0       Parent=Smp_051090.1
SM_V9_6 iris    CDS     18688269        18688451        .       +
        0       Parent=Smp_051090.1
SM_V9_6 iris    gene    18692986        18719509        .       -
        .
ID=Smp_149420;geneID=Smp_149420;gene_name=Smp_149420;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18692986        18719509        .       -
        .
ID=Smp_149420.1;Parent=Smp_149420;geneID=Smp_149420;gene_name=Smp_14
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9420;owner=irisadmin@local.host;orig_id=Smp_149420.1;date_last_modif
ied=2022-07-19;Name=Smp_149420.1;product=Protein held out
wings;date_creation=2022-07-19
SM_V9_6 iris    exon    18692986        18693342        .       -
        .       Parent=Smp_149420.1;Name=cf4b6fac-4200-4552-b4de-
c8d228f796af
SM_V9_6 iris    exon    18701687        18703458        .       -
        .       Parent=Smp_149420.1;Name=e40f6bb9-4015-4fd9-8e1d-
adf1a054f9d4
SM_V9_6 iris    exon    18708030        18708090        .       -
        .       Parent=Smp_149420.1;Name=548518e0-3b54-49c3-
a27b-2b1cfbb9d109
SM_V9_6 iris    exon    18710899        18711054        .       -
        .       Parent=Smp_149420.1;Name=8c8c2895-d741-47eb-b46f-
c1ee056601c2
SM_V9_6 iris    exon    18712520        18712636        .       -
        .       Parent=Smp_149420.1;Name=c549bc5b-d590-4c54-
ae98-4a0353625b45
SM_V9_6 iris    exon    18717133        18717269        .       -
        .       Parent=Smp_149420.1;Name=bbce739e-5094-42bb-8207-
cd327ff06a10
SM_V9_6 iris    exon    18717305        18717600        .       -
        .       Parent=Smp_149420.1;Name=843f5b99-
e882-43e3-9ccb-3332d46769e9
SM_V9_6 iris    exon    18719300        18719509        .       -
        .       Parent=Smp_149420.1;Name=33ebaa7e-370c-4bee-bc44-
e5f1d0c07f37
SM_V9_6 iris    CDS     18693223        18693342        .       -
        0       Parent=Smp_149420.1
SM_V9_6 iris    CDS     18701687        18703458        .       -
        2       Parent=Smp_149420.1
SM_V9_6 iris    CDS     18708030        18708090        .       -
        0       Parent=Smp_149420.1
SM_V9_6 iris    CDS     18710899        18711054        .       -
        0       Parent=Smp_149420.1
SM_V9_6 iris    CDS     18712520        18712636        .       -
        0       Parent=Smp_149420.1
SM_V9_6 iris    CDS     18717133        18717269        .       -
        2       Parent=Smp_149420.1
SM_V9_6 iris    CDS     18717305        18717440        .       -
        0       Parent=Smp_149420.1
SM_V9_6 Liftoff gene    18729480        18730418        .       +
        .
ID=Smp_247990;geneID=Smp_247990;previous_systematic_id=Smp_051110
SM_V9_6 Liftoff mRNA    18729480        18730418        .       +
        .
ID=Smp_247990.1;Parent=Smp_247990;geneID=Smp_247990;product=Eukaryot
ic translation initiation factor 3 subunit B
SM_V9_6 Liftoff exon    18729480        18729688        .       +
        .       Parent=Smp_247990.1
SM_V9_6 Liftoff exon    18729815        18730049        .       +
        .       Parent=Smp_247990.1
SM_V9_6 Liftoff exon    18730082        18730238        .       +
        .       Parent=Smp_247990.1
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SM_V9_6 Liftoff exon    18730273        18730418        .       +
        .       Parent=Smp_247990.1
SM_V9_6 Liftoff CDS     18729480        18729688        .       +
        0       Parent=Smp_247990.1
SM_V9_6 Liftoff CDS     18729815        18730049        .       +
        1       Parent=Smp_247990.1
SM_V9_6 Liftoff CDS     18730082        18730238        .       +
        0       Parent=Smp_247990.1
SM_V9_6 Liftoff CDS     18730273        18730418        .       +
        2       Parent=Smp_247990.1
SM_V9_6 iris    gene    18738632        18739399        .       +
        .
ID=Smp_248000;geneID=Smp_248000;gene_name=Smp_248000;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18738632        18739399        .       +
        .
ID=Smp_248000.1;Parent=Smp_248000;geneID=Smp_248000;gene_name=Smp_24
8000;owner=irisadmin@local.host;orig_id=Smp_248000.1;date_last_modif
ied=2022-07-19;Name=Smp_248000.1;product=39S ribosomal protein L52,
mitochondrial;date_creation=2022-07-19
SM_V9_6 iris    exon    18738632        18738768        .       +
        .       Parent=Smp_248000.1;Name=242d1c38-6436-4ff4-
bfd8-9bff89016b18
SM_V9_6 iris    exon    18738803        18738870        .       +
        .       Parent=Smp_248000.1;Name=f171208a-
c541-4e6d-9d26-9cd1e440f477
SM_V9_6 iris    exon    18738904        18738971        .       +
        .       Parent=Smp_248000.1;Name=5cfe4a21-165c-4898-
bfe4-193cca66b829
SM_V9_6 iris    exon    18739015        18739399        .       +
        .
Parent=Smp_248000.1;Name=6f7f2d1a-0a84-463c-8f08-179473198e27
SM_V9_6 iris    CDS     18738686        18738768        .       +
        0       Parent=Smp_248000.1
SM_V9_6 iris    CDS     18738803        18738870        .       +
        1       Parent=Smp_248000.1
SM_V9_6 iris    CDS     18738904        18738971        .       +
        2       Parent=Smp_248000.1
SM_V9_6 iris    CDS     18739015        18739149        .       +
        0       Parent=Smp_248000.1
SM_V9_6 Liftoff gene    18744962        18755207        .       +
        .       ID=Smp_051120;geneID=Smp_051120
SM_V9_6 Liftoff mRNA    18744962        18755207        .       +
        .
ID=Smp_051120.1;Parent=Smp_051120;geneID=Smp_051120;product=NAC
domain-containing protein 74;polypeptide_domain=InterPro:IPR023393
SM_V9_6 Liftoff exon    18744962        18745248        .       +
        .       Parent=Smp_051120.1
SM_V9_6 Liftoff exon    18748837        18748933        .       +
        .       Parent=Smp_051120.1
SM_V9_6 Liftoff exon    18751155        18751327        .       +
        .       Parent=Smp_051120.1
SM_V9_6 Liftoff exon    18754741        18755207        .       +
        .       Parent=Smp_051120.1
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SM_V9_6 Liftoff CDS     18745093        18745248        .       +
        0       Parent=Smp_051120.1
SM_V9_6 Liftoff CDS     18748837        18748933        .       +
        0       Parent=Smp_051120.1
SM_V9_6 Liftoff CDS     18751155        18751327        .       +
        2       Parent=Smp_051120.1
SM_V9_6 Liftoff CDS     18754741        18754824        .       +
        0       Parent=Smp_051120.1
SM_V9_6 Liftoff gene    18771372        18790448        .       -
        .       ID=Smp_051130;geneID=Smp_051130
SM_V9_6 Liftoff mRNA    18771372        18790448        .       -
        .
ID=Smp_051130.1;Parent=Smp_051130;geneID=Smp_051130;product=Transcri
ptional regulator ERG homolog
(Fragment);polypeptide_domain=InterPro:IPR000418,IPR011991
Pfam:PF00178;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_6 Liftoff exon    18771372        18773306        .       -
        .       Parent=Smp_051130.1
SM_V9_6 Liftoff exon    18775918        18776138        .       -
        .       Parent=Smp_051130.1
SM_V9_6 Liftoff exon    18781385        18790448        .       -
        .       Parent=Smp_051130.1
SM_V9_6 Liftoff CDS     18771621        18773306        .       -
        0       Parent=Smp_051130.1
SM_V9_6 Liftoff CDS     18775918        18776138        .       -
        2       Parent=Smp_051130.1
SM_V9_6 Liftoff CDS     18781385        18783590        .       -
        0       Parent=Smp_051130.1
SM_V9_6 iris    gene    18792109        18803258        .       +
        .
ID=Smp_349500;geneID=Smp_349500;gene_name=Smp_349500;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18792109        18803258        .       +
        .
ID=Smp_349500.1;Parent=Smp_349500;geneID=Smp_349500;gene_name=Smp_34
9500;owner=irisadmin@local.host;orig_id=Smp_051130.1;date_last_modif
ied=2022-08-02;Name=Smp_349500.1;date_creation=2022-07-19
SM_V9_6 iris    exon    18792109        18792157        .       +
        .       Parent=Smp_349500.1;Name=8885d8ed-5d36-4236-9995-
a8ab3486b7c8
SM_V9_6 iris    exon    18792936        18793071        .       +
        .
Parent=Smp_349500.1;Name=d588b889-63e2-4884-96d5-024d6e8c3cd1
SM_V9_6 iris    exon    18803091        18803258        .       +
        .       Parent=Smp_349500.1;Name=Smp_349500.1-CDS
SM_V9_6 iris    CDS     18803096        18803146        .       +
        0       Parent=Smp_349500.1
SM_V9_6 Liftoff gene    18818078        18847738        .       -
        .       ID=Smp_149430;geneID=Smp_149430
SM_V9_6 Liftoff mRNA    18818078        18847738        .       -
        .
ID=Smp_149430.1;Parent=Smp_149430;geneID=Smp_149430;product=Probable
phenylalanine--tRNA ligase,
mitochondrial;polypeptide_domain=InterPro:IPR002319,IPR004530,IPR005
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121,IPR006195
Pfam:PF01409,PF03147;Ontology_term=GO:0000049,GO:0000166,GO:0004812,
GO:0004826,GO:0005524,GO:0005737,GO:0006432,GO:0043039
SM_V9_6 Liftoff exon    18818078        18818411        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff exon    18818630        18818797        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff exon    18826528        18826688        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff exon    18828064        18828240        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff exon    18829760        18829982        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff exon    18831220        18831552        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff exon    18837019        18837213        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff exon    18841968        18847738        .       -
        .       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18818244        18818411        .       -
        0       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18818630        18818797        .       -
        0       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18826528        18826688        .       -
        2       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18828064        18828240        .       -
        2       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18829760        18829982        .       -
        0       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18831220        18831552        .       -
        0       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18837019        18837213        .       -
        0       Parent=Smp_149430.1
SM_V9_6 Liftoff CDS     18841968        18842042        .       -
        0       Parent=Smp_149430.1
SM_V9_6 iris    gene    18854407        18894636        .       +
        .
ID=Smp_344200;geneID=Smp_344200;gene_name=Smp_344200;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18854407        18894636        .       +
        .
ID=Smp_344200.1;Parent=Smp_344200;geneID=Smp_344200;gene_name=Smp_34
4200;owner=irisadmin@local.host;orig_id=Smp_344200.1;date_last_modif
ied=2022-07-19;Name=Smp_344200.1;product=Mitochondrial Rho GTPase 1-
A;date_creation=2022-07-19
SM_V9_6 iris    exon    18854407        18854514        .       +
        .       Parent=Smp_344200.1;Name=bb93e14e-2b74-4e4d-
b607-4a6e1b4d9ea6
SM_V9_6 iris    exon    18856192        18856250        .       +
        .       Parent=Smp_344200.1;Name=9a4966bc-ab47-4298-
b1c5-4f86ff4b4650
SM_V9_6 iris    exon    18863239        18863418        .       +
        .       Parent=Smp_344200.1;Name=a779167a-cc3b-4947-92dd-
a7a0218607d5
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SM_V9_6 iris    exon    18866638        18866751        .       +
        .       Parent=Smp_344200.1;Name=052d387a-67dc-494b-
b8f0-1c559b52b647
SM_V9_6 iris    exon    18868208        18868258        .       +
        .       Parent=Smp_344200.1;Name=c6750d53-49a3-4524-a21a-
a8fbead97814
SM_V9_6 iris    exon    18871625        18871726        .       +
        .       Parent=Smp_344200.1;Name=e361c9bd-848c-4d4e-a6f4-
da317d6d84bc
SM_V9_6 iris    exon    18874694        18874889        .       +
        .
Parent=Smp_344200.1;Name=e76dea81-93db-481c-84b7-2d53d29f2bdb
SM_V9_6 iris    exon    18875722        18875842        .       +
        .       Parent=Smp_344200.1;Name=27f844f2-c0d9-4877-
acbc-8b316470b00f
SM_V9_6 iris    exon    18878453        18878537        .       +
        .       Parent=Smp_344200.1;Name=5ea9eed7-0c77-42eb-9188-
b8c3fd41816b
SM_V9_6 iris    exon    18882903        18883054        .       +
        .       Parent=Smp_344200.1;Name=6e3a3563-3480-4b8f-afd0-
ec193da4f397
SM_V9_6 iris    exon    18887983        18888379        .       +
        .       Parent=Smp_344200.1;Name=63838729-745c-4a49-b256-
fdeaf4a0e96e
SM_V9_6 iris    exon    18890931        18891197        .       +
        .       Parent=Smp_344200.1;Name=921a3aa9-2006-4d35-a2c8-
ea692e7bcbab
SM_V9_6 iris    exon    18893061        18893623        .       +
        .       Parent=Smp_344200.1;Name=f595b28b-4771-475d-
b84b-3b37d0787436
SM_V9_6 iris    exon    18894286        18894636        .       +
        .
Parent=Smp_344200.1;Name=4d8d7891-0803-4824-90b9-852c86ab3cfa
SM_V9_6 iris    CDS     18854469        18854514        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18856192        18856250        .       +
        2       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18863239        18863418        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18866638        18866751        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18868208        18868258        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18871625        18871726        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18874694        18874889        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18875722        18875842        .       +
        2       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18878453        18878537        .       +
        1       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18882903        18883054        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18887983        18888379        .       +
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        1       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18890931        18891197        .       +
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SM_V9_6 iris    CDS     18893061        18893623        .       +
        0       Parent=Smp_344200.1
SM_V9_6 iris    CDS     18894286        18894403        .       +
        1       Parent=Smp_344200.1
SM_V9_6 iris    gene    18897641        18922124        .       +
        .
ID=Smp_149450;geneID=Smp_149450;gene_name=Smp_149450;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    18897641        18922124        .       +
        .
ID=Smp_149450.1;Parent=Smp_149450;geneID=Smp_149450;gene_name=Smp_14
9450;owner=irisadmin@local.host;orig_id=Smp_149450.1;date_last_modif
ied=2022-08-18;Name=Smp_149450.1;product=tRNA-dihydrouridine(20)
synthase [NAD(P)+]-like;date_creation=2022-08-18
SM_V9_6 iris    exon    18897641        18897721        .       +
        .       Parent=Smp_149450.1;Name=7cea06f7-971e-4174-b8c4-
aaf6c1129dab
SM_V9_6 iris    exon    18898519        18898635        .       +
        .       Parent=Smp_149450.1;Name=399c31e9-
ca6b-4576-8248-2cb94a67836c
SM_V9_6 iris    exon    18900455        18900500        .       +
        .       Parent=Smp_149450.1;Name=50b525be-2cdb-44c2-9a33-
f19713aff901
SM_V9_6 iris    exon    18900552        18900643        .       +
        .       Parent=Smp_149450.1;Name=03401bb8-55e3-4909-ac4f-
b228c491d78b
SM_V9_6 iris    exon    18900695        18900738        .       +
        .       Parent=Smp_149450.1;Name=7fc298e0-5a47-448f-
b9d1-6c7ca3894ee2
SM_V9_6 iris    exon    18900778        18900838        .       +
        .
Parent=Smp_149450.1;Name=41ae6df3-2d3b-409d-822a-34f31ab9318f
SM_V9_6 iris    exon    18906077        18906124        .       +
        .       Parent=Smp_149450.1;Name=d17d32cf-6dfb-42d6-
ab29-8c0feb28ae48
SM_V9_6 iris    exon    18909019        18909084        .       +
        .       Parent=Smp_149450.1;Name=97ac3323-bb6c-4875-
ad54-763bee9f0f7d
SM_V9_6 iris    exon    18910879        18911036        .       +
        .       Parent=Smp_149450.1;Name=353f3428-ee6a-478f-9bd3-
d36749c4c729
SM_V9_6 iris    exon    18913516        18913696        .       +
        .       Parent=Smp_149450.1;Name=29b3480c-7754-4bd8-
a420-593b9e7b4541
SM_V9_6 iris    exon    18914751        18914872        .       +
        .       Parent=Smp_149450.1;Name=466272aa-9450-4107-9b31-
eb39f2dc1402
SM_V9_6 iris    exon    18916884        18917274        .       +
        .       Parent=Smp_149450.1;Name=0fa27ed6-3a66-40f7-b6fa-
f5a816f043eb
SM_V9_6 iris    exon    18919331        18919404        .       +
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        .       Parent=Smp_149450.1;Name=18750d59-d827-4250-a565-
fa73790a98ba
SM_V9_6 iris    exon    18921860        18922124        .       +
        .       Parent=Smp_149450.1;Name=ffa8e40d-a0ba-4e46-841f-
a2c6f7c08e9c
SM_V9_6 iris    CDS     18897707        18897721        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18898519        18898635        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18900455        18900500        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18900552        18900643        .       +
        2       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18900695        18900738        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18900778        18900838        .       +
        1       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18906077        18906124        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18909019        18909084        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18910879        18911036        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18913516        18913696        .       +
        1       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18914751        18914872        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18916884        18917274        .       +
        1       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18919331        18919404        .       +
        0       Parent=Smp_149450.1
SM_V9_6 iris    CDS     18921860        18921980        .       +
        1       Parent=Smp_149450.1
SM_V9_6 iris    gene    18962350        19093346        .       -
        .
ID=Smp_149460;geneID=Smp_149460;gene_name=Smp_149460;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    18962350        19093346        .       -
        .
ID=Smp_149460.1;Parent=Smp_149460;geneID=Smp_149460;gene_name=Smp_14
9460;owner=irisadmin@local.host;orig_id=Smp_149460.1;date_last_modif
ied=2022-07-19;Name=Smp_149460.1;product=tyrosine protein kinase
SYK;date_creation=2022-07-19
SM_V9_6 iris    exon    18962350        18964029        .       -
        .
Parent=Smp_149460.1;Name=66380419-2dd6-4ff9-8e86-1837f1fff2c2
SM_V9_6 iris    exon    18965154        18965294        .       -
        .       Parent=Smp_149460.1;Name=3597f955-ed9a-48a2-99f9-
faf8e9b5b957
SM_V9_6 iris    exon    18967443        18967632        .       -
        .       Parent=Smp_149460.1;Name=29d1c3f5-69bb-4342-a656-
bc2c0b2fc9ff
SM_V9_6 iris    exon    18970002        18970083        .       -
        .       Parent=Smp_149460.1;Name=afc740e4-fb6d-4156-a089-
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a1eba515aad5
SM_V9_6 iris    exon    18971946        18972012        .       -
        .       Parent=Smp_149460.1;Name=c363d3d4-
c17f-4c48-856c-8078d82ed5ee
SM_V9_6 iris    exon    18978163        18978275        .       -
        .       Parent=Smp_149460.1;Name=97541556-810b-437b-
b9df-526baefbc237
SM_V9_6 iris    exon    18980507        18980962        .       -
        .       Parent=Smp_149460.1;Name=c3a6cddb-49a6-4f96-a59a-
d58f88d36e48
SM_V9_6 iris    exon    18986647        18987080        .       -
        .
Parent=Smp_149460.1;Name=685cfdcd-497e-4e21-813d-46b2b051e752
SM_V9_6 iris    exon    18994496        18994974        .       -
        .       Parent=Smp_149460.1;Name=18a05613-
f824-4b95-85a2-5e78b9847a84
SM_V9_6 iris    exon    18998878        18999240        .       -
        .
Parent=Smp_149460.1;Name=b8970ece-5f04-4e2b-98be-3b7c25f39c94
SM_V9_6 iris    exon    19008511        19008554        .       -
        .       Parent=Smp_149460.1;Name=95ad4c48-ccaf-4eea-
ac70-63a84aeedcdc
SM_V9_6 iris    exon    19015654        19015744        .       -
        .
Parent=Smp_149460.1;Name=7baf744b-31a2-4a94-8f68-79a2e618e7e0
SM_V9_6 iris    exon    19016980        19017115        .       -
        .       Parent=Smp_149460.1;Name=9a2c4bd3-f991-4c1a-86b2-
d8ed3149a315
SM_V9_6 iris    exon    19021811        19021974        .       -
        .
Parent=Smp_149460.1;Name=ca236f40-3620-4f27-98e4-555fd10a82ae
SM_V9_6 iris    exon    19041815        19041978        .       -
        .
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SM_V9_6 iris    exon    19064688        19065101        .       -
        .       Parent=Smp_149460.1;Name=c01df720-80af-41e6-
ae4e-30108055f4ca
SM_V9_6 iris    exon    19093184        19093346        .       -
        .       Parent=Smp_149460.1;Name=561e891d-0315-4157-
a973-32d178389c1d
SM_V9_6 iris    CDS     18963511        18964029        .       -
        0       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18965154        18965294        .       -
        0       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18967443        18967632        .       -
        1       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18970002        18970083        .       -
        2       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18971946        18972012        .       -
        0       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18978163        18978275        .       -
        2       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18980507        18980962        .       -
        2       Parent=Smp_149460.1
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SM_V9_6 iris    CDS     18986647        18987080        .       -
        1       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18994496        18994974        .       -
        0       Parent=Smp_149460.1
SM_V9_6 iris    CDS     18998878        18999240        .       -
        0       Parent=Smp_149460.1
SM_V9_6 iris    CDS     19008511        19008554        .       -
        2       Parent=Smp_149460.1
SM_V9_6 iris    CDS     19015654        19015744        .       -
        0       Parent=Smp_149460.1
SM_V9_6 iris    CDS     19016980        19017115        .       -
        1       Parent=Smp_149460.1
SM_V9_6 iris    CDS     19021811        19021974        .       -
        0       Parent=Smp_149460.1
SM_V9_6 iris    CDS     19041815        19041978        .       -
        2       Parent=Smp_149460.1
SM_V9_6 iris    CDS     19064688        19065018        .       -
        0       Parent=Smp_149460.1
SM_V9_6 Liftoff gene    19096270        19107709        .       +
        .       ID=Smp_149480;geneID=Smp_149480
SM_V9_6 Liftoff mRNA    19096270        19107709        .       +
        .
ID=Smp_149480.1;Parent=Smp_149480;geneID=Smp_149480;product=Leucine-
rich repeat-containing protein
57;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR025875,IPR0326
75 Pfam:PF12799;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    19096270        19098065        .       +
        .       Parent=Smp_149480.1
SM_V9_6 Liftoff exon    19098110        19098242        .       +
        .       Parent=Smp_149480.1
SM_V9_6 Liftoff exon    19102534        19102790        .       +
        .       Parent=Smp_149480.1
SM_V9_6 Liftoff exon    19104826        19105041        .       +
        .       Parent=Smp_149480.1
SM_V9_6 Liftoff exon    19107326        19107709        .       +
        .       Parent=Smp_149480.1
SM_V9_6 Liftoff CDS     19097985        19098065        .       +
        0       Parent=Smp_149480.1
SM_V9_6 Liftoff CDS     19098110        19098242        .       +
        0       Parent=Smp_149480.1
SM_V9_6 Liftoff CDS     19102534        19102790        .       +
        2       Parent=Smp_149480.1
SM_V9_6 Liftoff CDS     19104826        19105041        .       +
        0       Parent=Smp_149480.1
SM_V9_6 Liftoff CDS     19107326        19107367        .       +
        0       Parent=Smp_149480.1
SM_V9_6 Liftoff gene    19110877        19127186        .       -
        .
ID=Smp_344210;geneID=Smp_344210;previous_systematic_id=Smp_149490
SM_V9_6 Liftoff mRNA    19110877        19127186        .       -
        .
ID=Smp_344210.1;Parent=Smp_344210;geneID=Smp_344210;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    19110877        19111703        .       -
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        .       Parent=Smp_344210.1
SM_V9_6 Liftoff exon    19113591        19114813        .       -
        .       Parent=Smp_344210.1
SM_V9_6 Liftoff exon    19120484        19120882        .       -
        .       Parent=Smp_344210.1
SM_V9_6 Liftoff exon    19122967        19123373        .       -
        .       Parent=Smp_344210.1
SM_V9_6 Liftoff exon    19124187        19124855        .       -
        .       Parent=Smp_344210.1
SM_V9_6 Liftoff exon    19126759        19127186        .       -
        .       Parent=Smp_344210.1
SM_V9_6 Liftoff CDS     19110997        19111703        .       -
        2       Parent=Smp_344210.1
SM_V9_6 Liftoff CDS     19113591        19114813        .       -
        1       Parent=Smp_344210.1
SM_V9_6 Liftoff CDS     19120484        19120882        .       -
        1       Parent=Smp_344210.1
SM_V9_6 Liftoff CDS     19122967        19123373        .       -
        0       Parent=Smp_344210.1
SM_V9_6 Liftoff CDS     19124187        19124855        .       -
        0       Parent=Smp_344210.1
SM_V9_6 Liftoff CDS     19126759        19127070        .       -
        0       Parent=Smp_344210.1
SM_V9_6 Liftoff gene    19131579        19160426        .       -
        .
ID=Smp_340780;geneID=Smp_340780;previous_systematic_id=Smp_046280,Sm
p_146990
SM_V9_6 Liftoff mRNA    19131579        19160426        .       -
        .
ID=Smp_340780.1;Parent=Smp_340780;geneID=Smp_340780;product=Anillin;
polypeptide_domain=InterPro:IPR001849,IPR011993
SM_V9_6 Liftoff exon    19131579        19132307        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19133690        19134099        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19134151        19134413        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19141168        19141567        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19142173        19142290        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19143062        19143347        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19143552        19143791        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19146021        19146194        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19147207        19147485        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19149657        19149804        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19151470        19151637        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19152683        19152931        .       -
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        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19159918        19160040        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19160077        19160166        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19160202        19160262        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff exon    19160303        19160426        .       -
        .       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19132079        19132307        .       -
        1       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19133690        19134099        .       -
        0       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19134151        19134413        .       -
        2       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19141168        19141567        .       -
        0       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19142173        19142290        .       -
        1       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19143062        19143347        .       -
        2       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19143552        19143791        .       -
        2       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19146021        19146194        .       -
        2       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19147207        19147485        .       -
        2       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19149657        19149804        .       -
        0       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19151470        19151637        .       -
        0       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19152683        19152931        .       -
        0       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19159918        19160040        .       -
        0       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19160077        19160166        .       -
        0       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19160202        19160262        .       -
        1       Parent=Smp_340780.1
SM_V9_6 Liftoff CDS     19160303        19160307        .       -
        0       Parent=Smp_340780.1
SM_V9_6 iris    gene    19171907        19179234        .       +
        .
ID=Smp_046290;geneID=Smp_046290;gene_name=Smp_046290;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    19171907        19179234        .       +
        .
ID=Smp_046290.1;Parent=Smp_046290;geneID=Smp_046290;gene_name=Smp_04
6290;owner=irisadmin@local.host;orig_id=Smp_046290.1;date_last_modif
ied=2022-08-18;Name=Smp_046290.1;product=CKLF-like MARVEL
transmembrane domain-containing protein 4;date_creation=2022-08-18
SM_V9_6 iris    exon    19171907        19172084        .       +
        .       Parent=Smp_046290.1;Name=bb96f6bf-bac7-450a-b72f-
d7ae8b1bbba9
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SM_V9_6 iris    exon    19173099        19173275        .       +
        .
Parent=Smp_046290.1;Name=10f87f6a-870b-4fcc-8e01-9b60318b52c2
SM_V9_6 iris    exon    19175577        19175675        .       +
        .       Parent=Smp_046290.1;Name=d03b3cba-025b-4076-
bb9c-2e4a7d2311a7
SM_V9_6 iris    exon    19178154        19179234        .       +
        .       Parent=Smp_046290.1;Name=5581bf53-057c-43e1-
b1a5-029e15131877
SM_V9_6 iris    CDS     19171962        19172084        .       +
        0       Parent=Smp_046290.1
SM_V9_6 iris    CDS     19173099        19173275        .       +
        0       Parent=Smp_046290.1
SM_V9_6 iris    CDS     19175577        19175675        .       +
        0       Parent=Smp_046290.1
SM_V9_6 iris    CDS     19178154        19178402        .       +
        0       Parent=Smp_046290.1
SM_V9_6 Liftoff gene    19246262        19262716        .       -
        .       ID=Smp_147000;geneID=Smp_147000
SM_V9_6 Liftoff mRNA    19246262        19262716        .       -
        .
ID=Smp_147000.1;Parent=Smp_147000;geneID=Smp_147000;product=Syntenin
-2;polypeptide_domain=InterPro:IPR001478;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    19246262        19246909        .       -
        .       Parent=Smp_147000.1
SM_V9_6 Liftoff exon    19251917        19252177        .       -
        .       Parent=Smp_147000.1
SM_V9_6 Liftoff exon    19254616        19254782        .       -
        .       Parent=Smp_147000.1
SM_V9_6 Liftoff exon    19257339        19262716        .       -
        .       Parent=Smp_147000.1
SM_V9_6 Liftoff CDS     19246840        19246909        .       -
        1       Parent=Smp_147000.1
SM_V9_6 Liftoff CDS     19251917        19252177        .       -
        1       Parent=Smp_147000.1
SM_V9_6 Liftoff CDS     19254616        19254782        .       -
        0       Parent=Smp_147000.1
SM_V9_6 Liftoff CDS     19257339        19257659        .       -
        0       Parent=Smp_147000.1
SM_V9_6 Liftoff gene    19277094        19282383        .       +
        .
ID=Smp_300200;geneID=Smp_300200;previous_systematic_id=Smp_147010
SM_V9_6 Liftoff mRNA    19277094        19282383        .       +
        .
ID=Smp_300200.1;Parent=Smp_300200;geneID=Smp_300200;product=Zinc
finger protein 143;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    19277094        19279914        .       +
        .       Parent=Smp_300200.1
SM_V9_6 Liftoff exon    19282170        19282383        .       +
        .       Parent=Smp_300200.1
SM_V9_6 Liftoff CDS     19277224        19279914        .       +
        0       Parent=Smp_300200.1
SM_V9_6 Liftoff CDS     19282170        19282235        .       +
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        0       Parent=Smp_300200.1
SM_V9_6 Liftoff gene    19295574        19298888        .       +
        .
ID=Smp_300210;geneID=Smp_300210;previous_systematic_id=Smp_147010
SM_V9_6 Liftoff mRNA    19295574        19298888        .       +
        .
ID=Smp_300210.1;Parent=Smp_300210;geneID=Smp_300210;product=Zinc
finger protein 425
(Fragment);polypeptide_domain=InterPro:IPR013083,IPR013087;Ontology_
term=GO:0003676
SM_V9_6 Liftoff exon    19295574        19296415        .       +
        .       Parent=Smp_300210.1
SM_V9_6 Liftoff exon    19296629        19297486        .       +
        .       Parent=Smp_300210.1
SM_V9_6 Liftoff exon    19297604        19298888        .       +
        .       Parent=Smp_300210.1
SM_V9_6 Liftoff CDS     19295713        19296415        .       +
        0       Parent=Smp_300210.1
SM_V9_6 Liftoff CDS     19296629        19297486        .       +
        2       Parent=Smp_300210.1
SM_V9_6 Liftoff CDS     19297604        19298670        .       +
        2       Parent=Smp_300210.1
SM_V9_6 iris    gene    19316614        19320532        .       +
        .
ID=Smp_300220;geneID=Smp_300220;gene_name=Smp_300220;owner=irisadmin
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SM_V9_6 iris    mRNA    19316614        19320532        .       +
        .
ID=Smp_300220.1;Parent=Smp_300220;geneID=Smp_300220;gene_name=Smp_30
0220;owner=irisadmin@local.host;orig_id=Smp_300220.1;date_last_modif
ied=2022-07-19;Name=Smp_300220.1;product=Zinc finger protein
Xfin;date_creation=2022-07-19
SM_V9_6 iris    exon    19316614        19320532        .       +
        .       Parent=Smp_300220.1;Name=56657b44-c790-4e7b-8a6a-
df43c2083da5
SM_V9_6 iris    CDS     19317312        19320143        .       +
        0       Parent=Smp_300220.1
SM_V9_6 Liftoff gene    19330365        19332380        .       -
        .       ID=Smp_046360;geneID=Smp_046360
SM_V9_6 Liftoff mRNA    19330365        19332380        .       -
        .
ID=Smp_046360.1;Parent=Smp_046360;geneID=Smp_046360;product=Zinc
finger protein 143;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    19330365        19332380        .       -
        .       Parent=Smp_046360.1
SM_V9_6 Liftoff CDS     19330574        19332268        .       -
        0       Parent=Smp_046360.1
SM_V9_6 iris    gene    19382755        19434430        .       -
        .
ID=Smp_147020;geneID=Smp_147020;gene_name=Smp_147020;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    19382755        19434430        .       -
        .
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ID=Smp_147020.1;Parent=Smp_147020;geneID=Smp_147020;gene_name=Smp_14
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ied=2022-08-18;Name=Smp_147020.1;product=PH and SEC7 domain-
containing protein 1;date_creation=2022-08-18
SM_V9_6 iris    exon    19382755        19386903        .       -
        .       Parent=Smp_147020.1;Name=7e18cfd8-3163-422e-9690-
dd3198920750
SM_V9_6 iris    exon    19392506        19393117        .       -
        .       Parent=Smp_147020.1;Name=52e09ee6-d950-46c1-ba6e-
b9b9351d2751
SM_V9_6 iris    exon    19394607        19394751        .       -
        .
Parent=Smp_147020.1;Name=91f6d736-9132-4fe7-9940-249f0e40cd3e
SM_V9_6 iris    exon    19395983        19396489        .       -
        .       Parent=Smp_147020.1;Name=f619da3f-699d-453a-b49f-
eb66fd52a0b1
SM_V9_6 iris    exon    19397520        19398003        .       -
        .       Parent=Smp_147020.1;Name=e41f4a9e-b58d-4f7a-
bb97-874de0b06fb3
SM_V9_6 iris    exon    19400425        19400506        .       -
        .
Parent=Smp_147020.1;Name=1ff86673-52ad-4417-8f1e-62caf99dfb3a
SM_V9_6 iris    exon    19402328        19402862        .       -
        .       Parent=Smp_147020.1;Name=671b05a6-e620-4559-ab39-
cbff3c134c09
SM_V9_6 iris    exon    19403740        19403873        .       -
        .       Parent=Smp_147020.1;Name=942df756-6df7-4450-
bbf7-0a5120df620c
SM_V9_6 iris    exon    19411907        19411965        .       -
        .       Parent=Smp_147020.1;Name=5db30bc3-7673-42d7-a771-
ca4e93eed82d
SM_V9_6 iris    exon    19418722        19418915        .       -
        .       Parent=Smp_147020.1;Name=3ee28e64-45f4-4cb2-abcf-
d7f543115ada
SM_V9_6 iris    exon    19421444        19422051        .       -
        .
Parent=Smp_147020.1;Name=fa3dcf02-4c7c-43ef-97e7-40a2287b2820
SM_V9_6 iris    exon    19430500        19431375        .       -
        .       Parent=Smp_147020.1;Name=7a34f7c1-
d0a7-47e8-940c-9be8f87ef549
SM_V9_6 iris    exon    19434312        19434430        .       -
        .       Parent=Smp_147020.1;Name=a7c85ff3-1428-4e52-
a7f9-5cc275b963f3
SM_V9_6 iris    CDS     19385875        19386903        .       -
        0       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19392506        19393117        .       -
        0       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19394607        19394751        .       -
        1       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19395983        19396489        .       -
        1       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19397520        19398003        .       -
        2       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19400425        19400506        .       -
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        0       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19402328        19402862        .       -
        1       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19403740        19403873        .       -
        0       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19411907        19411965        .       -
        2       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19418722        19418915        .       -
        1       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19421444        19422051        .       -
        0       Parent=Smp_147020.1
SM_V9_6 iris    CDS     19430500        19431339        .       -
        0       Parent=Smp_147020.1
SM_V9_6 iris    gene    19444954        19482462        .       +
        .
ID=Smp_147040;geneID=Smp_147040;gene_name=Smp_147040;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    19444954        19482462        .       +
        .
ID=Smp_147040.1;Parent=Smp_147040;geneID=Smp_147040;gene_name=Smp_14
7040;owner=irisadmin@local.host;orig_id=Smp_147040.1;date_last_modif
ied=2022-08-18;Name=Smp_147040.1;product=Glutaminase kidney isoform,
mitochondrial;date_creation=2022-08-18
SM_V9_6 iris    exon    19444954        19445026        .       +
        .       Parent=Smp_147040.1;Name=48b7d13d-
fff8-4438-8dbc-05dda817b3e3
SM_V9_6 iris    exon    19446043        19446191        .       +
        .       Parent=Smp_147040.1;Name=0918ec69-acba-4d79-
ba33-227bc0ac2d00
SM_V9_6 iris    exon    19449097        19449187        .       +
        .       Parent=Smp_147040.1;Name=b94f1bc1-c5a8-4f3f-82da-
b7f8d30b386e
SM_V9_6 iris    exon    19453589        19453731        .       +
        .       Parent=Smp_147040.1;Name=3636a654-1062-4db2-a034-
f2c95017528d
SM_V9_6 iris    exon    19455744        19455953        .       +
        .
Parent=Smp_147040.1;Name=9fd41d81-89c8-4767-9527-2138a903ace3
SM_V9_6 iris    exon    19458022        19458185        .       +
        .       Parent=Smp_147040.1;Name=b2fa085b-
fa48-4c47-95f0-21218f9911db
SM_V9_6 iris    exon    19461950        19462100        .       +
        .
Parent=Smp_147040.1;Name=7295164b-7fb8-46e4-82c3-7d9f95bc4e17
SM_V9_6 iris    exon    19464576        19464870        .       +
        .       Parent=Smp_147040.1;Name=c0c2e577-3234-41a1-9f20-
fa4f2fbf46e7
SM_V9_6 iris    exon    19466252        19466383        .       +
        .       Parent=Smp_147040.1;Name=16e8a599-cd09-4450-afc5-
f21d883dde73
SM_V9_6 iris    exon    19469383        19469537        .       +
        .       Parent=Smp_147040.1;Name=b0db0842-ae7a-4c35-a759-
bf38ae3ae668
SM_V9_6 iris    exon    19475529        19475738        .       +
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        .       Parent=Smp_147040.1;Name=426cd7f3-
dfa3-409a-88ce-2265650e1987
SM_V9_6 iris    exon    19482387        19482462        .       +
        .
Parent=Smp_147040.1;Name=29f25f5a-96a3-4619-904c-5bdc871761eb
SM_V9_6 iris    CDS     19444991        19445026        .       +
        0       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19446043        19446191        .       +
        0       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19449097        19449187        .       +
        1       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19453589        19453731        .       +
        0       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19455744        19455953        .       +
        1       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19458022        19458185        .       +
        1       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19461950        19462100        .       +
        2       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19464576        19464870        .       +
        1       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19466252        19466383        .       +
        0       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19469383        19469537        .       +
        0       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19475529        19475738        .       +
        1       Parent=Smp_147040.1
SM_V9_6 iris    CDS     19482387        19482432        .       +
        1       Parent=Smp_147040.1
SM_V9_6 Liftoff gene    19490634        19496783        .       +
        .       ID=Smp_046410;geneID=Smp_046410
SM_V9_6 Liftoff mRNA    19490634        19496783        .       +
        .
ID=Smp_046410.1;Parent=Smp_046410;geneID=Smp_046410;product=Tektin-2
;polypeptide_domain=InterPro:IPR000435 Pfam:PF03148
SM_V9_6 Liftoff exon    19490634        19491076        .       +
        .       Parent=Smp_046410.1
SM_V9_6 Liftoff exon    19491112        19491326        .       +
        .       Parent=Smp_046410.1
SM_V9_6 Liftoff exon    19492808        19493030        .       +
        .       Parent=Smp_046410.1
SM_V9_6 Liftoff exon    19494401        19494624        .       +
        .       Parent=Smp_046410.1
SM_V9_6 Liftoff exon    19496413        19496783        .       +
        .       Parent=Smp_046410.1
SM_V9_6 Liftoff CDS     19490663        19491076        .       +
        0       Parent=Smp_046410.1
SM_V9_6 Liftoff CDS     19491112        19491326        .       +
        0       Parent=Smp_046410.1
SM_V9_6 Liftoff CDS     19492808        19493030        .       +
        1       Parent=Smp_046410.1
SM_V9_6 Liftoff CDS     19494401        19494624        .       +
        0       Parent=Smp_046410.1
SM_V9_6 Liftoff CDS     19496413        19496656        .       +
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        1       Parent=Smp_046410.1
SM_V9_6 Liftoff gene    19507752        19532960        .       -
        .       ID=Smp_147050;geneID=Smp_147050
SM_V9_6 Liftoff mRNA    19507752        19532960        .       -
        .
ID=Smp_147050.1;Parent=Smp_147050;geneID=Smp_147050;product=V-type
proton ATPase catalytic subunit
A;polypeptide_domain=InterPro:IPR000194,IPR004100,IPR005725,IPR02000
3,IPR022878,IPR024034,IPR027417,IPR031686
Pfam:PF00006,PF02874,PF16886;Ontology_term=GO:0005524,GO:0015991,GO:
0015992,GO:0033180,GO:0046034,GO:0046961
SM_V9_6 Liftoff exon    19507752        19509284        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19511007        19511199        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19513856        19513950        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19515514        19515717        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19518252        19518393        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19520312        19520583        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19525895        19526057        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19527454        19527605        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19528261        19528523        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19529864        19529953        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19530493        19530621        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff exon    19532000        19532960        .       -
        .       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19509210        19509284        .       -
        0       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19511007        19511199        .       -
        1       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19513856        19513950        .       -
        0       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19515514        19515717        .       -
        0       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19518252        19518393        .       -
        1       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19520312        19520583        .       -
        0       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19525895        19526057        .       -
        1       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19527454        19527605        .       -
        0       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19528261        19528523        .       -
        2       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19529864        19529953        .       -
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        2       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19530493        19530621        .       -
        2       Parent=Smp_147050.1
SM_V9_6 Liftoff CDS     19532000        19532084        .       -
        0       Parent=Smp_147050.1
SM_V9_6 Liftoff gene    19549515        19577160        .       -
        .       ID=Smp_046430;geneID=Smp_046430
SM_V9_6 Liftoff mRNA    19549515        19577160        .       -
        .
ID=Smp_046430.1;Parent=Smp_046430;geneID=Smp_046430;product=Ubiquiti
n carboxyl-terminal hydrolase
42;polypeptide_domain=InterPro:IPR001394,IPR018200,IPR028889
Pfam:PF00443;Ontology_term=GO:0006511,GO:0016579,GO:0036459
SM_V9_6 Liftoff exon    19549515        19550679        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19553149        19553448        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19554983        19555188        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19558232        19558591        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19560260        19560332        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19562104        19562308        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19565469        19565611        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19567670        19567758        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19567933        19568103        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19570372        19570716        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff exon    19572823        19577160        .       -
        .       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19550230        19550679        .       -
        0       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19553149        19553448        .       -
        0       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19554983        19555188        .       -
        2       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19558232        19558591        .       -
        2       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19560260        19560332        .       -
        0       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19562104        19562308        .       -
        1       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19565469        19565611        .       -
        0       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19567670        19567758        .       -
        2       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19567933        19568103        .       -
        2       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19570372        19570716        .       -
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        2       Parent=Smp_046430.1
SM_V9_6 Liftoff CDS     19572823        19573240        .       -
        0       Parent=Smp_046430.1
SM_V9_6 Liftoff gene    19587041        19592114        .       -
        .       ID=Smp_317560;geneID=Smp_317560
SM_V9_6 Liftoff mRNA    19587041        19592114        .       -
        .
ID=Smp_317560.1;Parent=Smp_317560;geneID=Smp_317560;product=DNA
polymerase IV
SM_V9_6 Liftoff exon    19587041        19587273        .       -
        .       Parent=Smp_317560.1
SM_V9_6 Liftoff exon    19588445        19588483        .       -
        .       Parent=Smp_317560.1
SM_V9_6 Liftoff exon    19589572        19589640        .       -
        .       Parent=Smp_317560.1
SM_V9_6 Liftoff exon    19590580        19592114        .       -
        .       Parent=Smp_317560.1
SM_V9_6 Liftoff CDS     19587257        19587273        .       -
        2       Parent=Smp_317560.1
SM_V9_6 Liftoff CDS     19588445        19588483        .       -
        2       Parent=Smp_317560.1
SM_V9_6 Liftoff CDS     19589572        19589640        .       -
        2       Parent=Smp_317560.1
SM_V9_6 Liftoff CDS     19590580        19590637        .       -
        0       Parent=Smp_317560.1
SM_V9_6 Liftoff gene    19633194        19654378        .       +
        .       ID=Smp_147060;geneID=Smp_147060
SM_V9_6 Liftoff mRNA    19633194        19654378        .       +
        .
ID=Smp_147060.1;Parent=Smp_147060;geneID=Smp_147060;product=npp-31/3
2.2;evidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_6 Liftoff exon    19633194        19633292        .       +
        .       Parent=Smp_147060.1
SM_V9_6 Liftoff exon    19654012        19654378        .       +
        .       Parent=Smp_147060.1
SM_V9_6 Liftoff CDS     19633290        19633292        .       +
        0       Parent=Smp_147060.1
SM_V9_6 Liftoff CDS     19654012        19654275        .       +
        0       Parent=Smp_147060.1
SM_V9_6 Liftoff gene    19663571        19721200        .       -
        .       ID=Smp_147070;geneID=Smp_147070
SM_V9_6 Liftoff mRNA    19663571        19721200        .       -
        .
ID=Smp_147070.1;Parent=Smp_147070;geneID=Smp_147070;product=Sodium-
coupled neutral amino acid transporter
9;polypeptide_domain=InterPro:IPR013057 Pfam:PF01490
SM_V9_6 Liftoff exon    19663571        19664794        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19667698        19667787        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19669421        19669566        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19672885        19672989        .       -
        .       Parent=Smp_147070.1
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SM_V9_6 Liftoff exon    19675537        19675643        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19678013        19678117        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19680389        19680619        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19687030        19687101        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19689096        19689275        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19695193        19695289        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19696700        19696763        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19703750        19704177        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff exon    19714314        19721200        .       -
        .       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19664413        19664794        .       -
        1       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19667698        19667787        .       -
        1       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19669421        19669566        .       -
        0       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19672885        19672989        .       -
        0       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19675537        19675643        .       -
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SM_V9_6 Liftoff CDS     19678013        19678117        .       -
        2       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19680389        19680619        .       -
        2       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19687030        19687101        .       -
        2       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19689096        19689275        .       -
        2       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19695193        19695289        .       -
        0       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19696700        19696763        .       -
        1       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19703750        19704177        .       -
        0       Parent=Smp_147070.1
SM_V9_6 Liftoff CDS     19714314        19714418        .       -
        0       Parent=Smp_147070.1
SM_V9_6 Liftoff gene    19727214        19731916        .       +
        .       ID=Smp_011030;geneID=Smp_011030
SM_V9_6 Liftoff mRNA    19727214        19731916        .       +
        .
ID=Smp_011030.1;Parent=Smp_011030;geneID=Smp_011030;product=BRCT-
containing protein 1
SM_V9_6 Liftoff exon    19727214        19728694        .       +
        .       Parent=Smp_011030.1
SM_V9_6 Liftoff exon    19728729        19728840        .       +
        .       Parent=Smp_011030.1
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SM_V9_6 Liftoff exon    19729727        19729907        .       +
        .       Parent=Smp_011030.1
SM_V9_6 Liftoff exon    19731478        19731916        .       +
        .       Parent=Smp_011030.1
SM_V9_6 Liftoff CDS     19728650        19728694        .       +
        0       Parent=Smp_011030.1
SM_V9_6 Liftoff CDS     19728729        19728840        .       +
        0       Parent=Smp_011030.1
SM_V9_6 Liftoff CDS     19729727        19729907        .       +
        2       Parent=Smp_011030.1
SM_V9_6 Liftoff CDS     19731478        19731658        .       +
        1       Parent=Smp_011030.1
SM_V9_6 Liftoff gene    19744424        19764641        .       -
        .       ID=Smp_128010;geneID=Smp_128010
SM_V9_6 Liftoff mRNA    19744424        19764641        .       -
        .
ID=Smp_128010.1;Parent=Smp_128010;geneID=Smp_128010;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    19744424        19744571        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff exon    19747465        19747644        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff exon    19751585        19751766        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff exon    19754458        19754605        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff exon    19756325        19756393        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff exon    19758672        19758834        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff exon    19762064        19762214        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff exon    19764501        19764641        .       -
        .       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19744571        19744571        .       -
        1       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19747465        19747644        .       -
        1       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19751585        19751766        .       -
        0       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19754458        19754605        .       -
        1       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19756325        19756393        .       -
        1       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19758672        19758834        .       -
        2       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19762064        19762214        .       -
        0       Parent=Smp_128010.1
SM_V9_6 Liftoff CDS     19764501        19764581        .       -
        0       Parent=Smp_128010.1
SM_V9_6 iris    gene    19769876        19779331        .       -
        .
ID=Smp_011010;geneID=Smp_011010;gene_name=Smp_011010;owner=irisadmin
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SM_V9_6 iris    mRNA    19769876        19779331        .       -
       .
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1010;owner=irisadmin@local.host;orig_id=Smp_011010.1;date_last_modif
ied=2022-08-18;Name=Smp_011010.1;product=Pentatricopeptide repeat-
containing protein At1g29710, mitochondrial;date_creation=2022-08-18
SM_V9_6 iris    exon    19769876        19770211        .       -
       .       Parent=Smp_011010.1;Name=d129dba5-abb8-4f72-
b1f3-2a8719b29124
SM_V9_6 iris    exon    19775220        19775523        .       -
       .       Parent=Smp_011010.1;Name=b7feb329-88b1-44c6-
bf14-68bb8e356bc0
SM_V9_6 iris    exon    19777382        19777820        .       -
       .       Parent=Smp_011010.1;Name=88983c89-4ec2-4d12-9e8e-
e65a4510ce3a
SM_V9_6 iris    exon    19778503        19779331        .       -
       .       Parent=Smp_011010.1;Name=c3415ae4-e008-4a1a-
b4d9-76ab4b8c754e
SM_V9_6 iris    CDS     19770000        19770211        .       -
       2       Parent=Smp_011010.1
SM_V9_6 iris    CDS     19775220        19775523        .       -
       0       Parent=Smp_011010.1
SM_V9_6 iris    CDS     19777382        19777702        .       -
       0       Parent=Smp_011010.1
SM_V9_6 iris    gene    19789135        19808474        .       +
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SM_V9_6 iris    mRNA    19789135        19808474        .       +
       .
ID=Smp_011000.1;Parent=Smp_011000;geneID=Smp_011000;gene_name=Smp_01
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ied=2022-07-19;Name=Smp_011000.1;product=lipase
1;date_creation=2022-07-19
SM_V9_6 iris    exon    19789135        19789317        .       +
       .       Parent=Smp_011000.1;Name=513476c3-83b4-409d-
b51c-5740b325c75e
SM_V9_6 iris    exon    19789360        19789471        .       +
       .       Parent=Smp_011000.1;Name=75756193-
d6bb-458a-8299-0e293cdef566
SM_V9_6 iris    exon    19789515        19789810        .       +
       .       Parent=Smp_011000.1;Name=a176e2ea-eda0-4fbd-
a9fc-8695493150a7
SM_V9_6 iris    exon    19799317        19799619        .       +
       .       Parent=Smp_011000.1;Name=791efdf9-bc81-4bd1-ad74-
f978e580ac89
SM_V9_6 iris    exon    19803063        19803134        .       +
       .       Parent=Smp_011000.1;Name=f19dc9f1-
bae5-45df-82de-6ec07d19de3f
SM_V9_6 iris    exon    19807844        19808474        .       +
       .
Parent=Smp_011000.1;Name=1f1be939-3565-4178-96d6-2d134db48565
SM_V9_6 iris    CDS     19789168        19789317        .       +
       0       Parent=Smp_011000.1
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SM_V9_6 iris    CDS     19789360        19789471        .       +
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SM_V9_6 iris    CDS     19789515        19789810        .       +
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SM_V9_6 iris    CDS     19799317        19799619        .       +
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SM_V9_6 iris    CDS     19803063        19803134        .       +
        0       Parent=Smp_011000.1
SM_V9_6 iris    CDS     19807844        19808146        .       +
        0       Parent=Smp_011000.1
SM_V9_6 Liftoff gene    19827055        19837215        .       +
        .       ID=Smp_128000;geneID=Smp_128000
SM_V9_6 Liftoff mRNA    19827055        19837215        .       +
        .
ID=Smp_128000.1;Parent=Smp_128000;geneID=Smp_128000;product=Transcri
ption factor A, mitochondrial;polypeptide_domain=InterPro:IPR009071
Pfam:PF09011
SM_V9_6 Liftoff exon    19827055        19829885        .       +
        .       Parent=Smp_128000.1
SM_V9_6 Liftoff exon    19829914        19830151        .       +
        .       Parent=Smp_128000.1
SM_V9_6 Liftoff exon    19831254        19831337        .       +
        .       Parent=Smp_128000.1
SM_V9_6 Liftoff exon    19833423        19833503        .       +
        .       Parent=Smp_128000.1
SM_V9_6 Liftoff exon    19836836        19837215        .       +
        .       Parent=Smp_128000.1
SM_V9_6 Liftoff CDS     19829860        19829885        .       +
        0       Parent=Smp_128000.1
SM_V9_6 Liftoff CDS     19829914        19830151        .       +
        1       Parent=Smp_128000.1
SM_V9_6 Liftoff CDS     19831254        19831337        .       +
        0       Parent=Smp_128000.1
SM_V9_6 Liftoff CDS     19833423        19833503        .       +
        0       Parent=Smp_128000.1
SM_V9_6 Liftoff CDS     19836836        19836976        .       +
        0       Parent=Smp_128000.1
SM_V9_6 Liftoff gene    19841915        19874973        .       -
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SM_V9_6 Liftoff mRNA    19841915        19874973        .       -
        .
ID=Smp_127990.1;Parent=Smp_127990;geneID=Smp_127990;product=MEG-13
SM_V9_6 Liftoff exon    19841915        19843452        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19846156        19846179        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19848666        19848689        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19849684        19849707        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19850754        19850774        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19852699        19852734        .       -
        .       Parent=Smp_127990.1
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SM_V9_6 Liftoff exon    19856801        19856836        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19862658        19862693        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19864781        19864795        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19866782        19866805        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19869971        19869991        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff exon    19874906        19874973        .       -
        .       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19843382        19843452        .       -
        2       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19846156        19846179        .       -
        2       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19848666        19848689        .       -
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SM_V9_6 Liftoff CDS     19849684        19849707        .       -
        2       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19850754        19850774        .       -
        2       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19852699        19852734        .       -
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SM_V9_6 Liftoff CDS     19862658        19862693        .       -
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SM_V9_6 Liftoff CDS     19864781        19864795        .       -
        2       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19866782        19866805        .       -
        2       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19869971        19869991        .       -
        2       Parent=Smp_127990.1
SM_V9_6 Liftoff CDS     19874906        19874966        .       -
        0       Parent=Smp_127990.1
SM_V9_6 Liftoff mRNA    19841915        19874973        .       -
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ID=Smp_127990.2;Parent=Smp_127990;geneID=Smp_127990;product=MEG-13
SM_V9_6 Liftoff exon    19841915        19843452        .       -
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SM_V9_6 Liftoff exon    19846156        19846179        .       -
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SM_V9_6 Liftoff exon    19848666        19848689        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff exon    19849684        19849707        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff exon    19850754        19850774        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff exon    19852699        19852734        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff exon    19856801        19856836        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff exon    19862658        19862693        .       -
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SM_V9_6 Liftoff exon    19866782        19866805        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff exon    19869971        19869991        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff exon    19874906        19874973        .       -
        .       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19843382        19843452        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19846156        19846179        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19848666        19848689        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19849684        19849707        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19850754        19850774        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19852699        19852734        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19856801        19856836        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19862658        19862693        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19866782        19866805        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19869971        19869991        .       -
        2       Parent=Smp_127990.2
SM_V9_6 Liftoff CDS     19874906        19874966        .       -
        0       Parent=Smp_127990.2
SM_V9_6 Liftoff gene    19896779        19899111        .       -
        .       ID=Smp_098420;geneID=Smp_098420
SM_V9_6 Liftoff mRNA    19896779        19899111        .       -
        .
ID=Smp_098420.1;Parent=Smp_098420;geneID=Smp_098420;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    19896779        19899111        .       -
        .       Parent=Smp_098420.1
SM_V9_6 Liftoff CDS     19896873        19897826        .       -
        0       Parent=Smp_098420.1
SM_V9_6 Liftoff gene    19939225        19940754        .       +
        .       ID=Smp_317580;geneID=Smp_317580
SM_V9_6 Liftoff mRNA    19939225        19940754        .       +
        .
ID=Smp_317580.1;Parent=Smp_317580;geneID=Smp_317580;product=RNA-
directed RNA polymerase
SM_V9_6 Liftoff exon    19939225        19940754        .       +
        .       Parent=Smp_317580.1
SM_V9_6 Liftoff CDS     19940217        19940672        .       +
        0       Parent=Smp_317580.1
SM_V9_6 Liftoff gene    19946593        19947201        .       -
        .       ID=Smp_317590;geneID=Smp_317590
SM_V9_6 Liftoff mRNA    19946593        19947201        .       -
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ID=Smp_317590.1;Parent=Smp_317590;geneID=Smp_317590;product=1,4-
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alpha-glucan branching enzyme GlgB
SM_V9_6 Liftoff exon    19946593        19947201        .       -
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SM_V9_6 Liftoff CDS     19946687        19947061        .       -
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SM_V9_6 Liftoff gene    19968516        19988105        .       -
        .       ID=Smp_176270;geneID=Smp_176270
SM_V9_6 Liftoff mRNA    19968516        19988105        .       -
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ID=Smp_176270.1;Parent=Smp_176270;geneID=Smp_176270;product=Syntaxin
-5;polypeptide_domain=InterPro:IPR000727,IPR010989
Pfam:PF05739;Ontology_term=GO:0016020,GO:0016192
SM_V9_6 Liftoff exon    19968516        19969706        .       -
        .       Parent=Smp_176270.1
SM_V9_6 Liftoff exon    19975397        19975633        .       -
        .       Parent=Smp_176270.1
SM_V9_6 Liftoff exon    19977825        19978061        .       -
        .       Parent=Smp_176270.1
SM_V9_6 Liftoff exon    19982460        19988105        .       -
        .       Parent=Smp_176270.1
SM_V9_6 Liftoff CDS     19969518        19969706        .       -
        0       Parent=Smp_176270.1
SM_V9_6 Liftoff CDS     19975397        19975633        .       -
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SM_V9_6 Liftoff CDS     19977825        19978061        .       -
        0       Parent=Smp_176270.1
SM_V9_6 Liftoff CDS     19982460        19982933        .       -
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3;date_creation=2022-07-19
SM_V9_6 iris    exon    19996065        19996165        .       +
        .       Parent=Smp_098450.1;Name=8ddff8d1-2027-4f0e-b4d4-
f36b356a82e1
SM_V9_6 iris    exon    19996201        19996263        .       +
        .       Parent=Smp_098450.1;Name=d6564146-a5a8-4454-
bd45-85bf50f40ea4
SM_V9_6 iris    exon    19996300        19996326        .       +
        .
Parent=Smp_098450.1;Name=c780f224-2739-4541-8fae-433ac09bf430
SM_V9_6 iris    exon    19996361        19996420        .       +
        .       Parent=Smp_098450.1;Name=40ee5462-
d957-4932-8490-78aa3c638a70
SM_V9_6 iris    exon    19997328        19997375        .       +
        .       Parent=Smp_098450.1;Name=ddbfdf20-3ddf-41d0-83fb-
c338a5579dc2
SM_V9_6 iris    exon    19997416        19997425        .       +
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SM_V9_6 iris    exon    19997525        19997685        .       +
        .       Parent=Smp_098450.1;Name=20792861-
c1d0-421e-91fc-1ea54508d38d
SM_V9_6 iris    exon    19999125        19999331        .       +
        .       Parent=Smp_098450.1;Name=983bbbf5-2cb6-4ddd-a367-
b8bf694b43ba
SM_V9_6 iris    exon    20006232        20006482        .       +
        .       Parent=Smp_098450.1;Name=027452ef-a94a-4061-bfdc-
d26d67df1969
SM_V9_6 iris    exon    20008363        20008813        .       +
        .       Parent=Smp_098450.1;Name=2083d759-a9fe-495e-
b6e6-7c026b129ed4
SM_V9_6 iris    exon    20010920        20011254        .       +
        .       Parent=Smp_098450.1;Name=f688c6dc-da33-4d2f-902b-
b806ef154952
SM_V9_6 iris    exon    20016064        20016373        .       +
        .       Parent=Smp_098450.1;Name=5d65f0d6-9682-4696-
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SM_V9_6 iris    exon    20018210        20018396        .       +
        .       Parent=Smp_098450.1;Name=783e811f-defa-4454-
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SM_V9_6 iris    exon    20019235        20019325        .       +
        .       Parent=Smp_098450.1;Name=c1b5df88-af82-4057-be23-
ca715f121bf5
SM_V9_6 iris    exon    20021202        20021596        .       +
        .       Parent=Smp_098450.1;Name=b68e689d-7473-4993-
a42a-49c3aaba10b8
SM_V9_6 iris    CDS     19996154        19996165        .       +
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SM_V9_6 iris    CDS     19996201        19996263        .       +
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SM_V9_6 iris    CDS     19996300        19996326        .       +
        0       Parent=Smp_098450.1
SM_V9_6 iris    CDS     19996361        19996420        .       +
        0       Parent=Smp_098450.1
SM_V9_6 iris    CDS     19997328        19997375        .       +
        0       Parent=Smp_098450.1
SM_V9_6 iris    CDS     19997416        19997425        .       +
        0       Parent=Smp_098450.1
SM_V9_6 iris    CDS     19997525        19997685        .       +
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SM_V9_6 iris    CDS     19999125        19999331        .       +
        0       Parent=Smp_098450.1
SM_V9_6 iris    CDS     20006232        20006482        .       +
        0       Parent=Smp_098450.1
SM_V9_6 iris    CDS     20008363        20008813        .       +
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SM_V9_6 iris    CDS     20010920        20011254        .       +
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SM_V9_6 iris    CDS     20016064        20016373        .       +
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SM_V9_6 iris    CDS     20018210        20018396        .       +
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SM_V9_6 iris    CDS     20021202        20021331        .       +
        1       Parent=Smp_098450.1
SM_V9_6 Liftoff gene    20055974        20065831        .       -
        .       ID=Smp_203190;geneID=Smp_203190
SM_V9_6 Liftoff mRNA    20055974        20065831        .       -
        .
ID=Smp_203190.1;Parent=Smp_203190;geneID=Smp_203190;product=npp-35.2
;evidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_6 Liftoff exon    20055974        20065831        .       -
        .       Parent=Smp_203190.1
SM_V9_6 Liftoff CDS     20056169        20056393        .       -
        0       Parent=Smp_203190.1
SM_V9_6 Liftoff gene    20102979        20107581        .       -
        .       ID=Smp_154220;geneID=Smp_154220
SM_V9_6 Liftoff mRNA    20102979        20107581        .       -
        .
ID=Smp_154220.1;Parent=Smp_154220;geneID=Smp_154220;product=npp-35.1
;evidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_6 Liftoff exon    20102979        20107581        .       -
        .       Parent=Smp_154220.1
SM_V9_6 Liftoff CDS     20103110        20103391        .       -
        0       Parent=Smp_154220.1
SM_V9_6 iris    gene    20124405        20138182        .       +
        .
ID=Smp_059540;geneID=Smp_059540;gene_name=Smp_059540;owner=irisadmin
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SM_V9_6 iris    mRNA    20124405        20138182        .       +
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ID=Smp_059540.1;Parent=Smp_059540;geneID=Smp_059540;gene_name=Smp_05
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54 kDa protein;date_creation=2022-07-19
SM_V9_6 iris    exon    20124405        20124451        .       +
        .       Parent=Smp_059540.1;Name=31838b1c-f15a-4bc0-9ae8-
e1138a64db8f
SM_V9_6 iris    exon    20128420        20129048        .       +
        .       Parent=Smp_059540.1;Name=d662be16-065c-4a78-
af54-5440b5f5495b
SM_V9_6 iris    exon    20131073        20131217        .       +
        .       Parent=Smp_059540.1;Name=543ed12d-ec9b-45cd-
bc7f-0864a5e48b2b
SM_V9_6 iris    exon    20132449        20132600        .       +
        .       Parent=Smp_059540.1;Name=320cdbbd-076f-444b-b090-
b56ba7d10631
SM_V9_6 iris    exon    20134196        20134369        .       +
        .
Parent=Smp_059540.1;Name=0c52a586-66de-4cc3-804b-262016cc8e40
SM_V9_6 iris    exon    20137136        20138182        .       +
        .       Parent=Smp_059540.1;Name=78b6cc22-d7b4-49c0-a42d-
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SM_V9_6 iris    CDS     20128428        20129048        .       +
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SM_V9_6 iris    CDS     20131073        20131217        .       +
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SM_V9_6 iris    CDS     20132449        20132600        .       +
        2       Parent=Smp_059540.1
SM_V9_6 iris    CDS     20134196        20134369        .       +
        0       Parent=Smp_059540.1
SM_V9_6 iris    CDS     20137136        20137660        .       +
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SM_V9_6 Liftoff gene    20143243        20144961        .       -
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ID=Smp_316100;geneID=Smp_316100;previous_systematic_id=Smp_154230
SM_V9_6 Liftoff mRNA    20143243        20144961        .       -
        .
ID=Smp_316100.1;Parent=Smp_316100;geneID=Smp_316100;product=Uncharac
terized protein KIAA1143;polypeptide_domain=InterPro:IPR027911
Pfam:PF15377
SM_V9_6 Liftoff exon    20143243        20143618        .       -
        .       Parent=Smp_316100.1
SM_V9_6 Liftoff exon    20143651        20143831        .       -
        .       Parent=Smp_316100.1
SM_V9_6 Liftoff exon    20144821        20144961        .       -
        .       Parent=Smp_316100.1
SM_V9_6 Liftoff CDS     20143608        20143618        .       -
        2       Parent=Smp_316100.1
SM_V9_6 Liftoff CDS     20143651        20143831        .       -
        0       Parent=Smp_316100.1
SM_V9_6 Liftoff CDS     20144821        20144928        .       -
        0       Parent=Smp_316100.1
SM_V9_6 Liftoff mRNA    20143243        20144961        .       -
        .
ID=Smp_316100.2;Parent=Smp_316100;geneID=Smp_316100;product=Uncharac
terized protein KIAA1143
homolog;polypeptide_domain=InterPro:IPR027911 Pfam:PF15377
SM_V9_6 Liftoff exon    20143243        20143577        .       -
        .       Parent=Smp_316100.2
SM_V9_6 Liftoff exon    20143651        20143831        .       -
        .       Parent=Smp_316100.2
SM_V9_6 Liftoff exon    20144821        20144961        .       -
        .       Parent=Smp_316100.2
SM_V9_6 Liftoff CDS     20143360        20143577        .       -
        2       Parent=Smp_316100.2
SM_V9_6 Liftoff CDS     20143651        20143831        .       -
        0       Parent=Smp_316100.2
SM_V9_6 Liftoff CDS     20144821        20144928        .       -
        0       Parent=Smp_316100.2
SM_V9_6 iris    gene    20146245        20151776        .       -
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    20146245        20151776        .       -
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ID=Smp_316110.1;Parent=Smp_316110;geneID=Smp_316110;gene_name=Smp_31
6110;owner=irisadmin@local.host;orig_id=Smp_316110.1;date_last_modif
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protein 1;date_creation=2022-07-19
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        .       Parent=Smp_316110.1;Name=924a1e06-7edc-4900-
a0c9-8da897009501
SM_V9_6 iris    exon    20147919        20148164        .       -
        .       Parent=Smp_316110.1;Name=299cfa5b-
c303-45fc-90a7-3a0ff63fba4b
SM_V9_6 iris    exon    20150091        20150244        .       -
        .
Parent=Smp_316110.1;Name=f4c955a9-34ec-4562-88ef-3ae24ee74a25
SM_V9_6 iris    exon    20151071        20151144        .       -
        .       Parent=Smp_316110.1;Name=e3d5a7d3-b0f2-4fe1-abd8-
e4c296dc333b
SM_V9_6 iris    exon    20151179        20151260        .       -
        .       Parent=Smp_316110.1;Name=4cb8d034-fa97-4894-acb8-
bed27bd5e38f
SM_V9_6 iris    exon    20151297        20151409        .       -
        .
Parent=Smp_316110.1;Name=08e12a06-9c7b-44ca-925c-9af65150304c
SM_V9_6 iris    exon    20151441        20151609        .       -
        .       Parent=Smp_316110.1;Name=a559fcc0-6310-4973-
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SM_V9_6 iris    exon    20151671        20151776        .       -
        .       Parent=Smp_316110.1;Name=9e095d49-4048-46f0-8b38-
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SM_V9_6 iris    CDS     20147919        20148164        .       -
        0       Parent=Smp_316110.1
SM_V9_6 iris    CDS     20150091        20150244        .       -
        1       Parent=Smp_316110.1
SM_V9_6 iris    CDS     20151071        20151144        .       -
        0       Parent=Smp_316110.1
SM_V9_6 iris    CDS     20151179        20151260        .       -
        1       Parent=Smp_316110.1
SM_V9_6 iris    CDS     20151297        20151409        .       -
        0       Parent=Smp_316110.1
SM_V9_6 iris    CDS     20151441        20151536        .       -
        0       Parent=Smp_316110.1
SM_V9_6 iris    gene    20220596        20267222        .       -
        .
ID=Smp_059570;geneID=Smp_059570;gene_name=Smp_059570;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    20220596        20267222        .       -
        .
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9570;owner=irisadmin@local.host;orig_id=Smp_059570.1;date_last_modif
ied=2022-07-19;Name=Smp_059570.1;product=GTP-binding protein
Rit1;date_creation=2022-07-19
SM_V9_6 iris    exon    20220596        20222275        .       -
        .
Parent=Smp_059570.1;Name=2f77807c-6ec9-4f84-9416-16a7c64885b6
SM_V9_6 iris    exon    20230686        20230860        .       -
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        .       Parent=Smp_059570.1;Name=b68c05ac-f679-419b-
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SM_V9_6 iris    exon    20239100        20239218        .       -
        .       Parent=Smp_059570.1;Name=147e565e-235d-4ea1-b0fe-
f26fe054b540
SM_V9_6 iris    exon    20265913        20267222        .       -
        .       Parent=Smp_059570.1;Name=60c7a727-a7e0-4ea9-
ae0a-2781230e2156
SM_V9_6 iris    CDS     20221977        20222275        .       -
        2       Parent=Smp_059570.1
SM_V9_6 iris    CDS     20230686        20230860        .       -
        0       Parent=Smp_059570.1
SM_V9_6 iris    CDS     20239100        20239218        .       -
        2       Parent=Smp_059570.1
SM_V9_6 iris    CDS     20265913        20267086        .       -
        0       Parent=Smp_059570.1
SM_V9_6 iris    gene    20342641        20370604        .       -
        .
ID=Smp_244170;geneID=Smp_244170;gene_name=Smp_244170;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    20342641        20370604        .       -
        .
ID=Smp_244170.2;Parent=Smp_244170;geneID=Smp_244170;gene_name=Smp_24
4170;owner=irisadmin@local.host;orig_id=Smp_244170.1;date_last_modif
ied=2022-07-19;Name=Smp_244170.2;product=AT-rich interactive domain-
containing protein 2;date_creation=2022-07-19
SM_V9_6 iris    exon    20342641        20343008        .       -
        .       Parent=Smp_244170.2;Name=90573050-
a4f4-4e14-9c02-0b773ea0dc78
SM_V9_6 iris    exon    20346435        20347952        .       -
        .       Parent=Smp_244170.2;Name=34b96992-
bc44-4786-914e-46452cc3fcb8
SM_V9_6 iris    exon    20351179        20351741        .       -
        .       Parent=Smp_244170.2;Name=975c2329-a18c-42eb-85c2-
e782bedead5f
SM_V9_6 iris    exon    20356644        20357390        .       -
        .       Parent=Smp_244170.2;Name=f2b14956-9607-46d3-b27d-
d007a22521a9
SM_V9_6 iris    exon    20359192        20359640        .       -
        .       Parent=Smp_244170.2;Name=24d5ce70-0a3d-400e-
aaf9-719b973e8a01
SM_V9_6 iris    exon    20361342        20362074        .       -
        .       Parent=Smp_244170.2;Name=c38db07f-64da-4bfe-9cc9-
c18e19f24384
SM_V9_6 iris    exon    20362363        20362688        .       -
        .       Parent=Smp_244170.2;Name=710a72ca-18d7-4523-
b3a3-9761e8fefcde
SM_V9_6 iris    exon    20362794        20363336        .       -
        .       Parent=Smp_244170.2;Name=b9f8902d-eff3-4405-
bd24-9eee0a794d13
SM_V9_6 iris    exon    20364942        20365011        .       -
        .       Parent=Smp_244170.2;Name=fe246ce1-
c39c-4157-9e65-67e547254065
SM_V9_6 iris    exon    20366959        20367023        .       -
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        .       Parent=Smp_244170.2;Name=28bbbafc-91e1-490f-866e-
d3cd598c205d
SM_V9_6 iris    exon    20368121        20368406        .       -
        .       Parent=Smp_244170.2;Name=6708dd33-f6f9-4267-96a5-
a734e9dc182c
SM_V9_6 iris    exon    20369825        20370248        .       -
        .
Parent=Smp_244170.2;Name=bd8262af-99d0-4302-97e9-8311c8ee34e7
SM_V9_6 iris    exon    20370278        20370502        .       -
        .       Parent=Smp_244170.2;Name=3863efa0-93a7-4726-8901-
dc6dabf9496a
SM_V9_6 iris    exon    20370533        20370604        .       -
        .       Parent=Smp_244170.2;Name=66445cf6-0863-4c83-bf8f-
f53272f457f1
SM_V9_6 iris    CDS     20347661        20347952        .       -
        1       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20351179        20351741        .       -
        0       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20356644        20357390        .       -
        0       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20359192        20359640        .       -
        2       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20361342        20362074        .       -
        0       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20362363        20362688        .       -
        2       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20362794        20363336        .       -
        2       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20364942        20365011        .       -
        0       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20366959        20367023        .       -
        2       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20368121        20368406        .       -
        0       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20369825        20370248        .       -
        1       Parent=Smp_244170.2
SM_V9_6 iris    CDS     20370278        20370387        .       -
        0       Parent=Smp_244170.2
SM_V9_6 iris    mRNA    20345778        20370603        .       -
        .
ID=Smp_244170.1;Parent=Smp_244170;geneID=Smp_244170;gene_name=Smp_24
4170;owner=irisadmin@local.host;orig_id=Smp_244170.1;date_last_modif
ied=2022-07-19;Name=Smp_244170.1;product=AT-rich interactive domain-
containing protein 2;date_creation=2022-07-19
SM_V9_6 iris    exon    20345778        20347952        .       -
        .       Parent=Smp_244170.1;Name=c3793cba-7731-403a-b858-
fe2f137728f3
SM_V9_6 iris    exon    20351179        20351741        .       -
        .       Parent=Smp_244170.1;Name=e0930317-7201-4607-af4c-
f9eb58b12c97
SM_V9_6 iris    exon    20356644        20357390        .       -
        .       Parent=Smp_244170.1;Name=78b41219-f00e-4805-
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SM_V9_6 iris    exon    20359192        20359640        .       -
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        .       Parent=Smp_244170.1;Name=e530202d-0451-41a5-
bd73-2d6d9313328d
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        .       Parent=Smp_244170.1;Name=a5050922-f0c8-4bf4-
aa59-97dcd350fe7e
SM_V9_6 iris    exon    20362363        20362688        .       -
        .       Parent=Smp_244170.1;Name=e37d9757-5d3e-4a25-
bfc6-068d80bfdd22
SM_V9_6 iris    exon    20362794        20363336        .       -
        .
Parent=Smp_244170.1;Name=fc37aa86-619f-464a-9169-4edca33896ff
SM_V9_6 iris    exon    20364942        20365011        .       -
        .       Parent=Smp_244170.1;Name=b8ddb276-6363-49ca-
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SM_V9_6 iris    exon    20366959        20367023        .       -
        .       Parent=Smp_244170.1;Name=0da460e9-d401-45f7-97da-
eb1f043b0fc2
SM_V9_6 iris    exon    20368121        20368406        .       -
        .       Parent=Smp_244170.1;Name=9d9bab69-d07a-4764-
a9d7-62236a4cee34
SM_V9_6 iris    exon    20369825        20370248        .       -
        .
Parent=Smp_244170.1;Name=46174941-0081-4883-89c4-2d6a0d583b8b
SM_V9_6 iris    exon    20370278        20370502        .       -
        .       Parent=Smp_244170.1;Name=84eff1c4-bfda-4caa-9a99-
bd780b30e42f
SM_V9_6 iris    exon    20370533        20370603        .       -
        .       Parent=Smp_244170.1;Name=808b44a4-e6ac-41d6-
aad7-3b671ed9becc
SM_V9_6 iris    CDS     20347661        20347952        .       -
        1       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20351179        20351741        .       -
        0       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20356644        20357390        .       -
        0       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20359192        20359640        .       -
        2       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20361342        20362074        .       -
        0       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20362363        20362688        .       -
        2       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20362794        20363336        .       -
        2       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20364942        20365011        .       -
        0       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20366959        20367023        .       -
        2       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20368121        20368406        .       -
        0       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20369825        20370248        .       -
        1       Parent=Smp_244170.1
SM_V9_6 iris    CDS     20370278        20370387        .       -
        0       Parent=Smp_244170.1
SM_V9_6 Liftoff gene    20382066        20426212        .       -
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        .
ID=Smp_136660;geneID=Smp_136660;previous_systematic_id=Smp_136650
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        .
ID=Smp_136660.1;Parent=Smp_136660;geneID=Smp_136660;product=Pro-
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isoform;polypeptide_domain=InterPro:IPR000742,IPR003598,IPR003599,IP
R007110,IPR013032,IPR013098,IPR013783 Pfam:PF07679
SM_V9_6 Liftoff exon    20382066        20383009        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20384423        20384696        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20388053        20388107        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20390513        20390666        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20397568        20397623        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20399627        20399726        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20402481        20402516        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20412498        20412622        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20415336        20415498        .       -
        .       Parent=Smp_136660.1
SM_V9_6 Liftoff exon    20425355        20426212        .       -
        .       Parent=Smp_136660.1
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SM_V9_6 Liftoff CDS     20384423        20384696        .       -
        0       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20388053        20388107        .       -
        1       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20390513        20390666        .       -
        2       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20397568        20397623        .       -
        1       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20399627        20399726        .       -
        2       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20402481        20402516        .       -
        2       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20412498        20412622        .       -
        1       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20415336        20415498        .       -
        2       Parent=Smp_136660.1
SM_V9_6 Liftoff CDS     20425355        20425958        .       -
        0       Parent=Smp_136660.1
SM_V9_6 Liftoff mRNA    20382066        20426212        .       -
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ID=Smp_136660.2;Parent=Smp_136660;geneID=Smp_136660;product=Pro-
neuregulin-2, membrane-bound
isoform;polypeptide_domain=InterPro:IPR000742,IPR003598,IPR003599,IP
R007110,IPR013032,IPR013098,IPR013783 Pfam:PF07679
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SM_V9_6 Liftoff exon    20388053        20388107        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20390513        20390666        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20396739        20396803        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20397564        20397623        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20399627        20399726        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20402481        20402516        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20412498        20412622        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20415336        20415498        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff exon    20425355        20426212        .       -
        .       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20382657        20383009        .       -
        2       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20384423        20384696        .       -
        0       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20388053        20388107        .       -
        1       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20390513        20390666        .       -
        2       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20396739        20396803        .       -
        1       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20397564        20397623        .       -
        1       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20399627        20399726        .       -
        2       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20402481        20402516        .       -
        2       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20412498        20412622        .       -
        1       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20415336        20415498        .       -
        2       Parent=Smp_136660.2
SM_V9_6 Liftoff CDS     20425355        20425958        .       -
        0       Parent=Smp_136660.2
SM_V9_6 iris    gene    20439576        20448323        .       +
        .
ID=Smp_136640;geneID=Smp_136640;gene_name=Smp_136640;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    20439576        20448323        .       +
        .
ID=Smp_136640.1;Parent=Smp_136640;geneID=Smp_136640;gene_name=Smp_13
6640;owner=irisadmin@local.host;orig_id=Smp_136640.1;date_last_modif
ied=2022-08-18;Name=Smp_136640.1;product=Sorcin;date_creation=2022-0
8-18
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SM_V9_6 iris    exon    20439576        20439653        .       +
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SM_V9_6 iris    exon    20439697        20439758        .       +
       .       Parent=Smp_136640.1;Name=d326d12f-51f0-429f-
af57-2aa4234fe53a
SM_V9_6 iris    exon    20441817        20442130        .       +
       .       Parent=Smp_136640.1;Name=9a430357-
d626-477f-89c6-3510fc839d63
SM_V9_6 iris    exon    20447891        20448323        .       +
       .       Parent=Smp_136640.1;Name=40db6c67-368c-4049-a7ad-
f8a70ccb4d3b
SM_V9_6 iris    CDS     20439607        20439653        .       +
       0       Parent=Smp_136640.1
SM_V9_6 iris    CDS     20439697        20439758        .       +
       1       Parent=Smp_136640.1
SM_V9_6 iris    CDS     20441817        20442130        .       +
       2       Parent=Smp_136640.1
SM_V9_6 iris    CDS     20447891        20447992        .       +
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SM_V9_6 iris    gene    20466994        20475103        .       +
       .
ID=Smp_026770;geneID=Smp_026770;gene_name=Smp_026770;owner=irisadmin
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SM_V9_6 iris    mRNA    20466994        20475103        .       +
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ID=Smp_026770.1;Parent=Smp_026770;geneID=Smp_026770;gene_name=Smp_02
6770;owner=irisadmin@local.host;orig_id=Smp_026770.1;date_last_modif
ied=2022-08-18;Name=Smp_026770.1;product=Small nuclear
ribonucleoprotein-associated protein B';date_creation=2022-08-18
SM_V9_6 iris    exon    20466994        20467061        .       +
       .
Parent=Smp_026770.1;Name=23e47fe4-2917-4f27-8539-9ec8e417e718
SM_V9_6 iris    exon    20467097        20467327        .       +
       .       Parent=Smp_026770.1;Name=c880786d-8f79-48be-
b787-041f158d5cdc
SM_V9_6 iris    exon    20474522        20475103        .       +
       .       Parent=Smp_026770.1;Name=486c621f-99ec-4624-915c-
aa21075454af
SM_V9_6 iris    CDS     20467059        20467061        .       +
       0       Parent=Smp_026770.1
SM_V9_6 iris    CDS     20467097        20467327        .       +
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SM_V9_6 iris    CDS     20474522        20474887        .       +
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SM_V9_6 iris    gene    20475343        20655415        .       -
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ID=Smp_342570;geneID=Smp_342570;gene_name=Smp_342570;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-19
SM_V9_6 iris    mRNA    20475343        20655415        .       -
       .
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2570;owner=irisadmin@local.host;orig_id=Smp_342570.1;date_last_modif
ied=2022-08-18;Name=Smp_342570.1;product=Diacylglycerol kinase
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d9c6609d8666
SM_V9_6 iris    exon    20475704        20475867        .       -
        .       Parent=Smp_342570.1;Name=7787eae4-a4e1-4a0d-8609-
afa48f904b20
SM_V9_6 iris    exon    20476637        20476673        .       -
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Parent=Smp_342570.1;Name=c45221c8-68e2-45f9-9f73-092d5bc6079d
SM_V9_6 iris    exon    20479855        20480013        .       -
        .       Parent=Smp_342570.1;Name=0bb9ea5b-6b98-4b40-ac5d-
bf6d60824822
SM_V9_6 iris    exon    20484296        20484403        .       -
        .       Parent=Smp_342570.1;Name=1143e889-9cf5-4b19-a8a3-
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SM_V9_6 iris    exon    20490972        20491531        .       -
        .
Parent=Smp_342570.1;Name=e84d8bed-2295-472c-92d3-4612ecaf5ad0
SM_V9_6 iris    exon    20493099        20493292        .       -
        .       Parent=Smp_342570.1;Name=08fe8676-1055-48d8-9e35-
d69d964a56f4
SM_V9_6 iris    exon    20494718        20494959        .       -
        .
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SM_V9_6 iris    exon    20500311        20500490        .       -
        .       Parent=Smp_342570.1;Name=d5e1f42f-4330-4ba0-b944-
cdc7c85ec619
SM_V9_6 iris    exon    20502826        20502944        .       -
        .       Parent=Smp_342570.1;Name=44b101dd-
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SM_V9_6 iris    exon    20512153        20512355        .       -
        .
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SM_V9_6 iris    exon    20513182        20513287        .       -
        .       Parent=Smp_342570.1;Name=45ea6f13-efb1-4ce9-9c59-
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SM_V9_6 iris    exon    20515335        20515408        .       -
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SM_V9_6 iris    exon    20522176        20522238        .       -
        .       Parent=Smp_342570.1;Name=65cc0b28-
f111-4401-8e31-6e55f1582574
SM_V9_6 iris    exon    20525424        20525479        .       -
        .       Parent=Smp_342570.1;Name=3984d9b9-460e-42f6-
b3df-7412d2b04dce
SM_V9_6 iris    exon    20538551        20538732        .       -
        .       Parent=Smp_342570.1;Name=366df9c8-
b1a2-4f07-91b7-3bc380180b8e
SM_V9_6 iris    exon    20547365        20547435        .       -
        .       Parent=Smp_342570.1;Name=39e2970e-7317-4232-
a08b-62dcc9887d8d
SM_V9_6 iris    exon    20551376        20551550        .       -
        .       Parent=Smp_342570.1;Name=a6f6d8f9-2d47-40f7-
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a03b-1d40ece82f69
SM_V9_6 iris    exon    20552580        20552981        .       -
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a0645e4c32c8
SM_V9_6 iris    exon    20560791        20561008        .       -
        .       Parent=Smp_342570.1;Name=4f489d07-4a0b-460f-8ed3-
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SM_V9_6 iris    exon    20562684        20562716        .       -
        .       Parent=Smp_342570.1;Name=c8f168a6-203f-47bd-
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SM_V9_6 iris    exon    20564804        20564866        .       -
        .       Parent=Smp_342570.1;Name=f450432a-f8fb-47b1-
bdfb-077ffcd6a6f9
SM_V9_6 iris    exon    20570495        20570560        .       -
        .
Parent=Smp_342570.1;Name=68b41df1-3c67-494b-9237-2d43a30b1e62
SM_V9_6 iris    exon    20574530        20574595        .       -
        .       Parent=Smp_342570.1;Name=dc86a943-c545-4065-
b195-085c5cc82cb6
SM_V9_6 iris    exon    20585851        20585931        .       -
        .       Parent=Smp_342570.1;Name=21edaad3-940f-47d0-
aecc-8be7373f4078
SM_V9_6 iris    exon    20589210        20589300        .       -
        .       Parent=Smp_342570.1;Name=4eb93e95-e7e1-4d46-
b4dc-22541fbeaa91
SM_V9_6 iris    exon    20637050        20637298        .       -
        .       Parent=Smp_342570.1;Name=acac8482-e18c-47c6-bf75-
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SM_V9_6 iris    exon    20640997        20641152        .       -
        .       Parent=Smp_342570.1;Name=013cb614-6055-4b6c-9960-
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SM_V9_6 iris    exon    20655366        20655415        .       -
        .       Parent=Smp_342570.1;Name=70eaa7d0-8a0c-473c-a49a-
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SM_V9_6 iris    CDS     20475567        20475619        .       -
        2       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20475704        20475867        .       -
        1       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20476637        20476673        .       -
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SM_V9_6 iris    CDS     20479855        20480013        .       -
        2       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20484296        20484403        .       -
        2       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20490972        20491531        .       -
        1       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20493099        20493292        .       -
        0       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20494718        20494959        .       -
        2       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20500311        20500490        .       -
        2       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20502826        20502944        .       -
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        0       Parent=Smp_342570.1
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SM_V9_6 iris    CDS     20515335        20515408        .       -
        0       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20522176        20522238        .       -
        0       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20525424        20525479        .       -
        2       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20538551        20538732        .       -
        1       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20547365        20547435        .       -
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SM_V9_6 iris    CDS     20551376        20551550        .       -
        1       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20552580        20552981        .       -
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SM_V9_6 iris    CDS     20560791        20561008        .       -
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SM_V9_6 iris    CDS     20562684        20562716        .       -
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SM_V9_6 iris    CDS     20570495        20570560        .       -
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SM_V9_6 iris    CDS     20574530        20574595        .       -
        0       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20585851        20585931        .       -
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SM_V9_6 iris    CDS     20589210        20589300        .       -
        1       Parent=Smp_342570.1
SM_V9_6 iris    CDS     20637050        20637081        .       -
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ied=2022-07-19;Name=Smp_131220.1;product=Tripeptidyl-peptidase
2;date_creation=2022-07-19
SM_V9_6 iris    exon    20662789        20662978        .       +
        .
Parent=Smp_131220.1;Name=fa070385-9183-43a3-8fbf-08ffa6f2c2d8
SM_V9_6 iris    exon    20665373        20665507        .       +
        .       Parent=Smp_131220.1;Name=00c786e9-49d7-40bd-
a60c-459ecd388a0b
SM_V9_6 iris    exon    20667229        20667451        .       +
        .       Parent=Smp_131220.1;Name=339d7fd4-0e33-4cc2-a7c7-
d10ca806bf57
SM_V9_6 iris    exon    20668822        20669003        .       +
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SM_V9_6 iris    exon    20670611        20670729        .       +
        .       Parent=Smp_131220.1;Name=1bdbdfde-26c7-48db-820e-
c7cf9eb46191
SM_V9_6 iris    exon    20672149        20672255        .       +
        .       Parent=Smp_131220.1;Name=44474e96-1725-4e98-ab78-
f9eaf70bfe25
SM_V9_6 iris    exon    20674052        20674326        .       +
        .       Parent=Smp_131220.1;Name=dcfa667c-f75a-4546-
a1f7-1394c5448d91
SM_V9_6 iris    exon    20675712        20675788        .       +
        .       Parent=Smp_131220.1;Name=e292ea09-
df69-4b2d-9ea1-913fc6f63d24
SM_V9_6 iris    exon    20678637        20678764        .       +
        .       Parent=Smp_131220.1;Name=5e24b3a1-d9f7-43ea-980f-
e5133ff1bca0
SM_V9_6 iris    exon    20682912        20683271        .       +
        .       Parent=Smp_131220.1;Name=18e1e1d2-845f-49dd-
bbc0-2a99fd957487
SM_V9_6 iris    exon    20684803        20685103        .       +
        .
Parent=Smp_131220.1;Name=c7438e10-2ebf-4dbe-8253-5bb9bdc15067
SM_V9_6 iris    exon    20687826        20688033        .       +
        .       Parent=Smp_131220.1;Name=a4a2f75b-323d-45f0-
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SM_V9_6 iris    exon    20690808        20691370        .       +
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SM_V9_6 iris    exon    20698598        20698713        .       +
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SM_V9_6 iris    exon    20701699        20701857        .       +
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SM_V9_6 iris    exon    20703182        20703375        .       +
        .
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SM_V9_6 iris    exon    20704562        20704662        .       +
        .       Parent=Smp_131220.1;Name=e5a15f73-d6cb-48c6-
abfa-71d3d8ec311f
SM_V9_6 iris    exon    20706803        20706905        .       +
        .
Parent=Smp_131220.1;Name=acf40ef3-9b11-42f8-8c46-8c334d615d27
SM_V9_6 iris    exon    20707923        20708057        .       +
        .       Parent=Smp_131220.1;Name=89359eea-932d-4dfa-
a4dc-407c1e287bcf
SM_V9_6 iris    exon    20708545        20708610        .       +
        .       Parent=Smp_131220.1;Name=c3a8b05a-ddda-4cdb-a1d5-
db7e516fd361
SM_V9_6 iris    exon    20710408        20710934        .       +
        .
Parent=Smp_131220.1;Name=b34a2d9a-7537-4b98-81b1-47da8d6d2368
SM_V9_6 iris    exon    20713382        20713460        .       +
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SM_V9_6 iris    exon    20714571        20715075        .       +
        .       Parent=Smp_131220.1;Name=584a0a45-
c366-426e-876c-87080b5d5401
SM_V9_6 iris    exon    20719211        20719263        .       +
        .       Parent=Smp_131220.1;Name=5f833ece-682c-49a6-
be92-163ff135c122
SM_V9_6 iris    exon    20722064        20723025        .       +
        .
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SM_V9_6 iris    exon    20725016        20725565        .       +
        .
Parent=Smp_131220.1;Name=a354342a-5514-4e26-827d-2fec3bbd7965
SM_V9_6 iris    exon    20726316        20726468        .       +
        .       Parent=Smp_131220.1;Name=ae2224bf-d801-4a8d-80dd-
e638758f71c2
SM_V9_6 iris    exon    20728470        20729043        .       +
        .       Parent=Smp_131220.1;Name=61069a6e-cc09-47cc-8799-
d243f4eafde8
SM_V9_6 iris    CDS     20662835        20662978        .       +
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SM_V9_6 iris    CDS     20665373        20665507        .       +
        0       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20667229        20667451        .       +
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SM_V9_6 iris    CDS     20668822        20669003        .       +
        2       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20670611        20670729        .       +
        0       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20672149        20672255        .       +
        1       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20674052        20674326        .       +
        2       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20675712        20675788        .       +
        0       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20678637        20678764        .       +
        1       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20682912        20683271        .       +
        2       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20684803        20685103        .       +
        2       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20687826        20688033        .       +
        1       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20690808        20691370        .       +
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        1       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20701699        20701857        .       +
        2       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20703182        20703375        .       +
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SM_V9_6 iris    CDS     20713382        20713460        .       +
        1       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20714571        20715075        .       +
        0       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20719211        20719263        .       +
        2       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20722064        20723025        .       +
        0       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20725016        20725565        .       +
        1       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20726316        20726468        .       +
        0       Parent=Smp_131220.1
SM_V9_6 iris    CDS     20728470        20728574        .       +
        0       Parent=Smp_131220.1
SM_V9_6 iris    gene    20735935        20823985        .       -
        .
ID=Smp_016600;geneID=Smp_016600;gene_name=Smp_016600;owner=irisadmin
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SM_V9_6 iris    mRNA    20735935        20823985        .       -
        .
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6600;owner=irisadmin@local.host;orig_id=Smp_016600.1;date_last_modif
ied=2022-08-04;Name=Smp_016600.1;product=Excitatory amino acid
transporter;date_creation=2022-08-04
SM_V9_6 iris    exon    20735935        20736555        .       -
        .       Parent=Smp_016600.1;Name=96b732c7-
e7ca-46b7-83cd-38efb8dd4ea9
SM_V9_6 iris    exon    20738804        20738938        .       -
        .       Parent=Smp_016600.1;Name=7029d977-590e-4a0a-
b9b6-41646730fe72
SM_V9_6 iris    exon    20744582        20744808        .       -
        .       Parent=Smp_016600.1;Name=bd6d025b-879d-42fd-9401-
ae0dcf850774
SM_V9_6 iris    exon    20747879        20748080        .       -
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SM_V9_6 iris    exon    20749272        20749398        .       -
        .
Parent=Smp_016600.1;Name=f0c29912-4574-4824-82b0-1a55bd018d1e
SM_V9_6 iris    exon    20755892        20756085        .       -
        .
Parent=Smp_016600.1;Name=436a480d-30c8-4cbd-814a-24237326b359
SM_V9_6 iris    exon    20767122        20767332        .       -
        .       Parent=Smp_016600.1;Name=72eba627-5b5f-494a-90e6-
cc680a688d1f
SM_V9_6 iris    exon    20776193        20776400        .       -
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        .       Parent=Smp_016600.1;Name=63f82b5b-be3a-467b-
a517-6b515fd80ccb
SM_V9_6 iris    exon    20791597        20791784        .       -
        .       Parent=Smp_016600.1;Name=f2a98f92-babe-4648-b398-
ff97c8953188
SM_V9_6 iris    exon    20823839        20823985        .       -
        .       Parent=Smp_016600.1;Name=0a467f99-713a-4953-8115-
b6e83bc07486
SM_V9_6 iris    CDS     20736231        20736555        .       -
        1       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20738804        20738938        .       -
        1       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20744582        20744808        .       -
        0       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20747879        20748080        .       -
        1       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20749272        20749398        .       -
        2       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20755892        20756085        .       -
        1       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20767122        20767332        .       -
        2       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20776193        20776400        .       -
        0       Parent=Smp_016600.1
SM_V9_6 iris    CDS     20791597        20791740        .       -
        0       Parent=Smp_016600.1
SM_V9_6 iris    gene    20886962        20925059        .       -
        .
ID=Smp_131230;geneID=Smp_131230;gene_name=Smp_131230;owner=irisadmin
@local.host;date_last_modified=2022-08-04;date_creation=2022-08-04
SM_V9_6 iris    mRNA    20886962        20925059        .       -
        .
ID=Smp_131230.1;Parent=Smp_131230;geneID=Smp_131230;gene_name=Smp_13
1230;owner=irisadmin@local.host;orig_id=Smp_131230.1;date_last_modif
ied=2022-08-04;Name=Smp_131230.1;product=F-box/WD repeat-containing
protein 10;date_creation=2022-08-04
SM_V9_6 iris    exon    20886962        20887501        .       -
        .       Parent=Smp_131230.1;Name=06c1c417-ac0d-417d-809d-
bc729c98786c
SM_V9_6 iris    exon    20890865        20891600        .       -
        .       Parent=Smp_131230.1;Name=61688d25-1bbd-4995-afb5-
a3dab72f2379
SM_V9_6 iris    exon    20894506        20894686        .       -
        .       Parent=Smp_131230.1;Name=04cb31c8-2ecd-4772-
a8e4-0b50846ff566
SM_V9_6 iris    exon    20897388        20897647        .       -
        .       Parent=Smp_131230.1;Name=0ad9d81a-d0a4-41e6-abe1-
b8a2b300d30a
SM_V9_6 iris    exon    20899748        20899906        .       -
        .       Parent=Smp_131230.1;Name=689e3cf4-
deb8-45b8-9075-5d5eb7fe43fb
SM_V9_6 iris    exon    20901492        20901634        .       -
        .       Parent=Smp_131230.1;Name=8dd04b65-f725-4e89-
b766-8e62f9c26d64
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SM_V9_6 iris    exon    20903129        20903283        .       -
        .       Parent=Smp_131230.1;Name=f3de2c1d-9cc2-4992-
b057-288d217babe2
SM_V9_6 iris    exon    20905541        20905962        .       -
        .       Parent=Smp_131230.1;Name=72280d0b-381d-4e4a-
a370-99b29979f184
SM_V9_6 iris    exon    20906484        20906690        .       -
        .
Parent=Smp_131230.1;Name=7ce91b18-8e9f-43bd-8bca-7ed16d12b082
SM_V9_6 iris    exon    20909880        20910040        .       -
        .       Parent=Smp_131230.1;Name=2232c75f-d874-4008-8aab-
e063586ebb27
SM_V9_6 iris    exon    20913437        20913613        .       -
        .       Parent=Smp_131230.1;Name=9d171223-46ed-481d-a0bc-
f67d275e9d49
SM_V9_6 iris    exon    20924403        20925059        .       -
        .
Parent=Smp_131230.1;Name=d700d521-9630-41a6-8f68-556320ac6bc8
SM_V9_6 iris    CDS     20887466        20887501        .       -
        0       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20890865        20891600        .       -
        1       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20894506        20894686        .       -
        2       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20897388        20897647        .       -
        1       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20899748        20899906        .       -
        1       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20901492        20901634        .       -
        0       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20903129        20903283        .       -
        2       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20905541        20905962        .       -
        1       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20906484        20906690        .       -
        1       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20909880        20910040        .       -
        0       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20913437        20913613        .       -
        0       Parent=Smp_131230.1
SM_V9_6 iris    CDS     20924403        20924990        .       -
        0       Parent=Smp_131230.1
SM_V9_6 Liftoff gene    20935994        20993841        .       -
        .       ID=Smp_016630;geneID=Smp_016630
SM_V9_6 Liftoff mRNA    20935994        20993841        .       -
        .
ID=Smp_016630.1;Parent=Smp_016630;geneID=Smp_016630;product=Guanine
nucleotide-binding protein G(o) subunit
alpha;polypeptide_domain=InterPro:IPR001019,IPR001408,IPR011025,IPR0
27417
Pfam:PF00503;Ontology_term=GO:0003924,GO:0004871,GO:0005525,GO:00071
65,GO:0007186,GO:0007188,GO:0019001,GO:0031683
SM_V9_6 Liftoff exon    20935994        20938944        .       -
        .       Parent=Smp_016630.1
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SM_V9_6 Liftoff exon    20940793        20940946        .       -
        .       Parent=Smp_016630.1
SM_V9_6 Liftoff exon    20943948        20944077        .       -
        .       Parent=Smp_016630.1
SM_V9_6 Liftoff exon    20948452        20948580        .       -
        .       Parent=Smp_016630.1
SM_V9_6 Liftoff exon    20954221        20954384        .       -
        .       Parent=Smp_016630.1
SM_V9_6 Liftoff exon    20965976        20966117        .       -
        .       Parent=Smp_016630.1
SM_V9_6 Liftoff exon    20971502        20971544        .       -
        .       Parent=Smp_016630.1
SM_V9_6 Liftoff exon    20993360        20993841        .       -
        .       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20938757        20938944        .       -
        2       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20940793        20940946        .       -
        0       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20943948        20944077        .       -
        1       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20948452        20948580        .       -
        1       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20954221        20954384        .       -
        0       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20965976        20966117        .       -
        1       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20971502        20971544        .       -
        2       Parent=Smp_016630.1
SM_V9_6 Liftoff CDS     20993360        20993477        .       -
        0       Parent=Smp_016630.1
SM_V9_6 iris    gene    21015870        21018918        .       -
        .
ID=Smp_317600;geneID=Smp_317600;gene_name=Smp_317600;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    21015870        21018918        .       -
        .
ID=Smp_317600.1;Parent=Smp_317600;geneID=Smp_317600;gene_name=Smp_31
7600;owner=irisadmin@local.host;orig_id=Smp_317600.1;date_last_modif
ied=2022-08-18;Name=Smp_317600.1;product=Endoribonuclease
YbeY;date_creation=2022-08-18
SM_V9_6 iris    exon    21015870        21016464        .       -
        .       Parent=Smp_317600.1;Name=8276ef7a-b831-461d-b9fb-
c340ecb786a0
SM_V9_6 iris    exon    21018779        21018918        .       -
        .       Parent=Smp_317600.1;Name=84a8608e-b040-4da0-8383-
dcd30ec6a125
SM_V9_6 iris    CDS     21015953        21016426        .       -
        0       Parent=Smp_317600.1
SM_V9_6 iris    gene    21025315        21100996        .       +
        .
ID=Smp_131250;geneID=Smp_131250;gene_name=Smp_131250;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-19
SM_V9_6 iris    mRNA    21025315        21100996        .       +
        .
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ID=Smp_131250.1;Parent=Smp_131250;geneID=Smp_131250;gene_name=Smp_13
1250;owner=irisadmin@local.host;orig_id=Smp_131250.3;date_last_modif
ied=2022-08-18;Name=Smp_131250.1;product=Protein
NDRG4;date_creation=2022-07-19
SM_V9_6 iris    exon    21025315        21025359        .       +
        .       Parent=Smp_131250.1;Name=c380fd51-ae71-48d4-b5e3-
e7213234841d
SM_V9_6 iris    exon    21026919        21027039        .       +
        .
Parent=Smp_131250.1;Name=66b609f4-257f-460e-8d34-3bf8d0397506
SM_V9_6 iris    exon    21028316        21028418        .       +
        .
Parent=Smp_131250.1;Name=678701b0-9152-4dc1-828e-5f9fcee81455
SM_V9_6 iris    exon    21035774        21035891        .       +
        .       Parent=Smp_131250.1;Name=7617937b-
f20d-43c0-9936-66f1648210d6
SM_V9_6 iris    exon    21044477        21044614        .       +
        .
Parent=Smp_131250.1;Name=e67fa73d-5e36-4d13-8ebd-1772d7f57124
SM_V9_6 iris    exon    21070610        21070672        .       +
        .       Parent=Smp_131250.1;Name=7ff8063a-
e978-4b67-844e-68d4e78fb791
SM_V9_6 iris    exon    21072772        21072832        .       +
        .       Parent=Smp_131250.1;Name=8ae19163-02a5-40fc-
bb57-974028b9080a
SM_V9_6 iris    exon    21082192        21082359        .       +
        .       Parent=Smp_131250.1;Name=127280d2-
eb41-42dc-8747-18becaa5d57f
SM_V9_6 iris    exon    21085495        21085785        .       +
        .       Parent=Smp_131250.1;Name=8aea8e47-
a99e-4ffe-9f73-10e695e5686e
SM_V9_6 iris    exon    21092844        21092931        .       +
        .       Parent=Smp_131250.1;Name=72bd04ae-
a4e1-4b68-9b98-9a569e1464fa
SM_V9_6 iris    exon    21099788        21100996        .       +
        .
Parent=Smp_131250.1;Name=73e1181d-1578-4fbf-8f50-470d846f0e7d
SM_V9_6 iris    CDS     21026926        21027039        .       +
        0       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21028316        21028418        .       +
        0       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21035774        21035891        .       +
        2       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21044477        21044614        .       +
        1       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21070610        21070672        .       +
        1       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21072772        21072832        .       +
        1       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21082192        21082359        .       +
        0       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21085495        21085785        .       +
        0       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21092844        21092931        .       +
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        0       Parent=Smp_131250.1
SM_V9_6 iris    CDS     21099788        21099906        .       +
        2       Parent=Smp_131250.1
SM_V9_6 iris    gene    21107801        21113111        .       -
        .
ID=Smp_016670;geneID=Smp_016670;gene_name=Smp_016670;owner=irisadmin
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SM_V9_6 iris    mRNA    21107801        21113111        .       -
        .
ID=Smp_016670.1;Parent=Smp_016670;geneID=Smp_016670;gene_name=Smp_01
6670;owner=irisadmin@local.host;orig_id=Smp_016670.1;date_last_modif
ied=2022-08-18;Name=Smp_016670.1;product=Pterin-4-alpha-
carbinolamine dehydratase 2;date_creation=2022-08-04
SM_V9_6 iris    exon    21107801        21107979        .       -
        .       Parent=Smp_016670.1;Name=Smp_016670.1-CDS
SM_V9_6 iris    exon    21112771        21112992        .       -
        .       Parent=Smp_016670.1;Name=683b9751-44bc-4263-8037-
c925b1c437be
SM_V9_6 iris    exon    21113029        21113111        .       -
        .       Parent=Smp_016670.1;Name=092ddf22-a426-48a7-ae69-
e55df14178be
SM_V9_6 iris    CDS     21107875        21107979        .       -
        0       Parent=Smp_016670.1
SM_V9_6 iris    CDS     21112771        21112992        .       -
        0       Parent=Smp_016670.1
SM_V9_6 iris    CDS     21113029        21113109        .       -
        0       Parent=Smp_016670.1
SM_V9_6 iris    gene    21124515        21250269        .       +
        .
ID=Smp_315800;geneID=Smp_315800;gene_name=Smp_315800;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    21124515        21250269        .       +
        .
ID=Smp_315800.1;Parent=Smp_315800;geneID=Smp_315800;gene_name=Smp_31
5800;owner=irisadmin@local.host;orig_id=Smp_315800.1;date_last_modif
ied=2022-07-19;Name=Smp_315800.1;product=Transcription factor 7-like
1;date_creation=2022-07-19
SM_V9_6 iris    exon    21124515        21124839        .       +
        .       Parent=Smp_315800.1;Name=6102cc93-27e4-43df-86c5-
c870efe77b7f
SM_V9_6 iris    exon    21167708        21167756        .       +
        .       Parent=Smp_315800.1;Name=777b6413-5c44-41b9-
bb8e-74992311ffed
SM_V9_6 iris    exon    21174091        21174824        .       +
        .       Parent=Smp_315800.1;Name=ffd61cab-a7ac-4775-
a1ac-76a64eeca5cb
SM_V9_6 iris    exon    21234382        21234949        .       +
        .       Parent=Smp_315800.1;Name=961f1853-7b7c-404b-b17f-
acc208a003aa
SM_V9_6 iris    exon    21235879        21236482        .       +
        .
Parent=Smp_315800.1;Name=9a4b6d47-6311-4e8b-91e9-805edb2f0eb6
SM_V9_6 iris    exon    21237479        21237489        .       +
        .       Parent=Smp_315800.1;Name=356578d1-ec4b-4338-
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b6f7-176057efddfe
SM_V9_6 iris    exon    21237668        21238145        .       +
        .
Parent=Smp_315800.1;Name=e44b09c2-3e92-4e49-8623-48d42f5e391d
SM_V9_6 iris    exon    21242394        21244763        .       +
        .
Parent=Smp_315800.1;Name=e68a3138-541a-4604-905b-1a7b215a0398
SM_V9_6 iris    exon    21245894        21250269        .       +
        .       Parent=Smp_315800.1;Name=ffbda29e-7ee6-466b-9d66-
e219d3da762e
SM_V9_6 iris    CDS     21124693        21124839        .       +
        0       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21167708        21167756        .       +
        0       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21174091        21174824        .       +
        2       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21234382        21234949        .       +
        0       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21235879        21236482        .       +
        2       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21237479        21237489        .       +
        1       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21237668        21238145        .       +
        2       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21242394        21244763        .       +
        1       Parent=Smp_315800.1
SM_V9_6 iris    CDS     21245894        21247595        .       +
        1       Parent=Smp_315800.1
SM_V9_6 Liftoff gene    21261635        21280022        .       +
        .
ID=Smp_213250;geneID=Smp_213250;previous_systematic_id=Smp_131280
SM_V9_6 Liftoff mRNA    21261635        21280022        .       +
        .
ID=Smp_213250.1;Parent=Smp_213250;geneID=Smp_213250;product=Bcl-2
homologous antagonist/
killer;polypeptide_domain=InterPro:IPR002475,IPR026298
Pfam:PF00452;Ontology_term=GO:0042981
SM_V9_6 Liftoff exon    21261635        21262604        .       +
        .       Parent=Smp_213250.1
SM_V9_6 Liftoff exon    21268451        21269821        .       +
        .       Parent=Smp_213250.1
SM_V9_6 Liftoff exon    21271785        21272026        .       +
        .       Parent=Smp_213250.1
SM_V9_6 Liftoff exon    21274171        21274311        .       +
        .       Parent=Smp_213250.1
SM_V9_6 Liftoff exon    21275544        21275727        .       +
        .       Parent=Smp_213250.1
SM_V9_6 Liftoff exon    21279469        21280022        .       +
        .       Parent=Smp_213250.1
SM_V9_6 Liftoff CDS     21262569        21262604        .       +
        0       Parent=Smp_213250.1
SM_V9_6 Liftoff CDS     21268451        21269821        .       +
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SM_V9_6 Liftoff CDS     21271785        21272026        .       +
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        0       Parent=Smp_213250.1
SM_V9_6 Liftoff CDS     21274171        21274311        .       +
        1       Parent=Smp_213250.1
SM_V9_6 Liftoff CDS     21275544        21275727        .       +
        1       Parent=Smp_213250.1
SM_V9_6 Liftoff CDS     21279469        21279720        .       +
        0       Parent=Smp_213250.1
SM_V9_6 iris    gene    21303075        21325129        .       +
        .
ID=Smp_213260;geneID=Smp_213260;gene_name=Smp_213260;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    21303075        21320492        .       +
        .
ID=Smp_213260.2;Parent=Smp_213260;geneID=Smp_213260;gene_name=Smp_21
3260;owner=irisadmin@local.host;orig_id=Smp_213260.4;date_last_modif
ied=2022-07-19;Name=Smp_213260.2;product=N-alpha-acetyltransferase
60;date_creation=2022-07-19
SM_V9_6 iris    exon    21303075        21303212        .       +
        .       Parent=Smp_213260.2;Name=c607bacf-8e4c-43b6-
be57-9e2ea61629ec
SM_V9_6 iris    exon    21303265        21303372        .       +
        .
Parent=Smp_213260.2;Name=a0ba5af1-23d8-4b23-8be7-7a5b3b8d1d5f
SM_V9_6 iris    exon    21303410        21303506        .       +
        .       Parent=Smp_213260.2;Name=0d90474c-
ea2d-49ee-848d-24fdc81b500d
SM_V9_6 iris    exon    21316171        21316340        .       +
        .       Parent=Smp_213260.2;Name=11540cd4-e734-4ca7-
aada-61a07bb585b4
SM_V9_6 iris    exon    21319705        21320492        .       +
        .       Parent=Smp_213260.2;Name=9c136048-d1c6-46b1-
b4d5-73362c88a2f1
SM_V9_6 iris    CDS     21303198        21303212        .       +
        0       Parent=Smp_213260.2
SM_V9_6 iris    CDS     21303265        21303372        .       +
        0       Parent=Smp_213260.2
SM_V9_6 iris    CDS     21303410        21303506        .       +
        0       Parent=Smp_213260.2
SM_V9_6 iris    CDS     21316171        21316340        .       +
        2       Parent=Smp_213260.2
SM_V9_6 iris    CDS     21319705        21320097        .       +
        0       Parent=Smp_213260.2
SM_V9_6 iris    mRNA    21303075        21325129        .       +
        .
ID=Smp_213260.1;Parent=Smp_213260;geneID=Smp_213260;gene_name=Smp_21
3260;owner=irisadmin@local.host;orig_id=Smp_213260.3;date_last_modif
ied=2022-07-19;Name=Smp_213260.1;product=N-alpha-acetyltransferase
60;date_creation=2022-07-19
SM_V9_6 iris    exon    21303075        21303212        .       +
        .       Parent=Smp_213260.1;Name=f3e7022b-821c-4c86-825e-
fcd7542513d1
SM_V9_6 iris    exon    21303243        21303372        .       +
        .       Parent=Smp_213260.1;Name=32f77643-d65a-4f87-a94c-
f82247f50742
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SM_V9_6 iris    exon    21303410        21303506        .       +
        .       Parent=Smp_213260.1;Name=be9325ff-08e5-436a-
b1d1-92ac8f452c34
SM_V9_6 iris    exon    21316171        21316340        .       +
        .       Parent=Smp_213260.1;Name=6d15f1e0-
b0cc-4d52-8c3c-3d3d5528b147
SM_V9_6 iris    exon    21319705        21319985        .       +
        .       Parent=Smp_213260.1;Name=45ceb4bc-5996-4cfa-
af70-48652804454f
SM_V9_6 iris    exon    21323674        21325129        .       +
        .
Parent=Smp_213260.1;Name=22060bdf-1e66-4498-93b2-6a3c20555328
SM_V9_6 iris    CDS     21303115        21303212        .       +
        0       Parent=Smp_213260.1
SM_V9_6 iris    CDS     21303243        21303372        .       +
        1       Parent=Smp_213260.1
SM_V9_6 iris    CDS     21303410        21303506        .       +
        0       Parent=Smp_213260.1
SM_V9_6 iris    CDS     21316171        21316340        .       +
        2       Parent=Smp_213260.1
SM_V9_6 iris    CDS     21319705        21319985        .       +
        0       Parent=Smp_213260.1
SM_V9_6 iris    CDS     21323674        21324013        .       +
        1       Parent=Smp_213260.1
SM_V9_6 Liftoff gene    21340314        21356045        .       -
        .       ID=Smp_016730;geneID=Smp_016730
SM_V9_6 Liftoff mRNA    21340314        21356045        .       -
        .
ID=Smp_016730.1;Parent=Smp_016730;geneID=Smp_016730;product=Heme-
binding protein 2;polypeptide_domain=InterPro:IPR006917,IPR011256
Pfam:PF04832
SM_V9_6 Liftoff exon    21340314        21341368        .       -
        .       Parent=Smp_016730.1
SM_V9_6 Liftoff exon    21343807        21343987        .       -
        .       Parent=Smp_016730.1
SM_V9_6 Liftoff exon    21344023        21344152        .       -
        .       Parent=Smp_016730.1
SM_V9_6 Liftoff exon    21344186        21356045        .       -
        .       Parent=Smp_016730.1
SM_V9_6 Liftoff CDS     21341194        21341368        .       -
        1       Parent=Smp_016730.1
SM_V9_6 Liftoff CDS     21343807        21343987        .       -
        2       Parent=Smp_016730.1
SM_V9_6 Liftoff CDS     21344023        21344152        .       -
        0       Parent=Smp_016730.1
SM_V9_6 Liftoff CDS     21344186        21344236        .       -
        0       Parent=Smp_016730.1
SM_V9_6 Liftoff gene    21392279        21405530        .       +
        .       ID=Smp_131290;geneID=Smp_131290
SM_V9_6 Liftoff mRNA    21392279        21405530        .       +
        .
ID=Smp_131290.1;Parent=Smp_131290;geneID=Smp_131290;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    21392279        21397931        .       +
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        .       Parent=Smp_131290.1
SM_V9_6 Liftoff exon    21399313        21399807        .       +
        .       Parent=Smp_131290.1
SM_V9_6 Liftoff exon    21401712        21403060        .       +
        .       Parent=Smp_131290.1
SM_V9_6 Liftoff exon    21404860        21405530        .       +
        .       Parent=Smp_131290.1
SM_V9_6 Liftoff CDS     21396795        21397931        .       +
        0       Parent=Smp_131290.1
SM_V9_6 Liftoff CDS     21399313        21399807        .       +
        0       Parent=Smp_131290.1
SM_V9_6 Liftoff CDS     21401712        21403060        .       +
        0       Parent=Smp_131290.1
SM_V9_6 Liftoff CDS     21404860        21405373        .       +
        1       Parent=Smp_131290.1
SM_V9_6 Liftoff gene    21410408        21424425        .       -
        .
ID=Smp_016750;geneID=Smp_016750;previous_systematic_id=Smp_131300
SM_V9_6 Liftoff mRNA    21410408        21424425        .       -
        .
ID=Smp_016750.1;Parent=Smp_016750;geneID=Smp_016750;product=PR
domain zinc finger protein
8;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    21410408        21411908        .       -
        .       Parent=Smp_016750.1
SM_V9_6 Liftoff exon    21414289        21414619        .       -
        .       Parent=Smp_016750.1
SM_V9_6 Liftoff exon    21416672        21424425        .       -
        .       Parent=Smp_016750.1
SM_V9_6 Liftoff CDS     21410746        21411908        .       -
        2       Parent=Smp_016750.1
SM_V9_6 Liftoff CDS     21414289        21414619        .       -
        0       Parent=Smp_016750.1
SM_V9_6 Liftoff CDS     21416672        21416803        .       -
        0       Parent=Smp_016750.1
SM_V9_6 iris    gene    21446090        21487812        .       -
        .
ID=Smp_131320;geneID=Smp_131320;gene_name=Smp_131320;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    21446090        21487812        .       -
        .
ID=Smp_131320.1;Parent=Smp_131320;geneID=Smp_131320;gene_name=Smp_13
1320;owner=irisadmin@local.host;orig_id=Smp_131320.1;date_last_modif
ied=2022-08-18;Name=Smp_131320.1;product=Histone acetyltransferase
KAT6B;date_creation=2022-08-18
SM_V9_6 iris    exon    21446090        21450375        .       -
        .       Parent=Smp_131320.1;Name=0a294791-
a0f7-409d-941c-5363a2569e55
SM_V9_6 iris    exon    21451952        21453191        .       -
        .       Parent=Smp_131320.1;Name=afdb2293-e311-4584-bcf2-
a889a848472a
SM_V9_6 iris    exon    21455738        21456321        .       -
        .       Parent=Smp_131320.1;Name=3ef3b911-9da7-4a2a-
ad4b-1b7162e42fb6
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SM_V9_6 iris    exon    21458985        21459678        .       -
        .       Parent=Smp_131320.1;Name=da99e247-f21c-4158-8027-
d049ec382cb2
SM_V9_6 iris    exon    21461351        21461474        .       -
        .
Parent=Smp_131320.1;Name=ae651c8f-0d0b-45c0-8619-5af981c63a9a
SM_V9_6 iris    exon    21462637        21462964        .       -
        .       Parent=Smp_131320.1;Name=7c0fa2c4-c4c6-452d-
a86c-6920548e2c96
SM_V9_6 iris    exon    21464914        21465310        .       -
        .       Parent=Smp_131320.1;Name=b42da045-dc6f-48c1-
b68e-67de869961b0
SM_V9_6 iris    exon    21467483        21467555        .       -
        .       Parent=Smp_131320.1;Name=41c22eb9-
bca5-47fd-8180-73d875b533f2
SM_V9_6 iris    exon    21472798        21473057        .       -
        .       Parent=Smp_131320.1;Name=76e38e18-4a1b-4127-
a720-99f22118974c
SM_V9_6 iris    exon    21481519        21482141        .       -
        .       Parent=Smp_131320.1;Name=07dba108-2524-4d9d-82c3-
e4624855181e
SM_V9_6 iris    exon    21482693        21483109        .       -
        .       Parent=Smp_131320.1;Name=47219b5f-cd8b-49db-
a09c-190cdf7853e3
SM_V9_6 iris    exon    21484190        21484675        .       -
        .       Parent=Smp_131320.1;Name=f5049252-7465-4e37-afc3-
d890bc259e8c
SM_V9_6 iris    exon    21485296        21485523        .       -
        .       Parent=Smp_131320.1;Name=92b70b8f-9813-4d36-
a5b2-33c0b53f4f1b
SM_V9_6 iris    exon    21486087        21486207        .       -
        .       Parent=Smp_131320.1;Name=09f640b6-b62a-49db-9c85-
b2df270ab1c4
SM_V9_6 iris    exon    21486709        21487066        .       -
        .       Parent=Smp_131320.1;Name=4cc591fe-e72b-47df-
bdb6-4caf9e134de6
SM_V9_6 iris    exon    21487742        21487812        .       -
        .       Parent=Smp_131320.1;Name=4236d08a-bd9d-4325-8df7-
a1247aae727c
SM_V9_6 iris    CDS     21446537        21450375        .       -
        2       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21451952        21453191        .       -
        0       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21455738        21456321        .       -
        2       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21458985        21459678        .       -
        0       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21461351        21461474        .       -
        1       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21462637        21462964        .       -
        2       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21464914        21465310        .       -
        0       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21467483        21467555        .       -
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        1       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21472798        21473057        .       -
        0       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21481519        21482141        .       -
        2       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21482693        21483109        .       -
        2       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21484190        21484675        .       -
        2       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21485296        21485523        .       -
        2       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21486087        21486207        .       -
        0       Parent=Smp_131320.1
SM_V9_6 iris    CDS     21486709        21487041        .       -
        0       Parent=Smp_131320.1
SM_V9_6 Liftoff gene    21506219        21507758        .       +
        .       ID=Smp_016780;geneID=Smp_016780
SM_V9_6 Liftoff mRNA    21506219        21507758        .       +
        .
ID=Smp_016780.1;Parent=Smp_016780;geneID=Smp_016780;product=Tubulin
alpha-2/alpha-4
chain;polypeptide_domain=InterPro:IPR000217,IPR002452,IPR003008,IPR0
08280,IPR017975,IPR018316
Pfam:PF00091,PF03953;Ontology_term=GO:0003924,GO:0005200,GO:0005525,
GO:0005874,GO:0007017
SM_V9_6 Liftoff exon    21506219        21506279        .       +
        .       Parent=Smp_016780.1
SM_V9_6 Liftoff exon    21506323        21506960        .       +
        .       Parent=Smp_016780.1
SM_V9_6 Liftoff exon    21506998        21507758        .       +
        .       Parent=Smp_016780.1
SM_V9_6 Liftoff CDS     21506277        21506279        .       +
        0       Parent=Smp_016780.1
SM_V9_6 Liftoff CDS     21506323        21506960        .       +
        0       Parent=Smp_016780.1
SM_V9_6 Liftoff CDS     21506998        21507712        .       +
        1       Parent=Smp_016780.1
SM_V9_6 Liftoff gene    21514668        21567305        .       -
        .
ID=Smp_337210;geneID=Smp_337210;previous_systematic_id=Smp_131330,Sm
p_131340
SM_V9_6 Liftoff mRNA    21514668        21567305        .       -
        .
ID=Smp_337210.1;Parent=Smp_337210;geneID=Smp_337210;product=Usherin
SM_V9_6 Liftoff exon    21514668        21515443        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21517530        21517725        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21521058        21521384        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21522350        21522429        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21524656        21524822        .       -
        .       Parent=Smp_337210.1
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SM_V9_6 Liftoff exon    21528332        21528471        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21530368        21530624        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21532385        21532519        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21533504        21533668        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21542651        21542820        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21545360        21545492        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21547273        21547401        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21557523        21557660        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff exon    21567152        21567305        .       -
        .       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21514731        21515443        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21517530        21517725        .       -
        0       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21521058        21521384        .       -
        0       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21522350        21522429        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21524656        21524822        .       -
        1       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21528332        21528471        .       -
        0       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21530368        21530624        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21532385        21532519        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21533504        21533668        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21542651        21542820        .       -
        1       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21545360        21545492        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21547273        21547401        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21557523        21557660        .       -
        2       Parent=Smp_337210.1
SM_V9_6 Liftoff CDS     21567152        21567239        .       -
        0       Parent=Smp_337210.1
SM_V9_6 iris    gene    21588864        21642512        .       -
        .
ID=Smp_016810;geneID=Smp_016810;gene_name=Smp_016810;owner=irisadmin
@local.host;date_last_modified=2022-11-04;date_creation=2022-07-19
SM_V9_6 iris    mRNA    21588864        21642512        .       -
        .
ID=Smp_016810.1;Parent=Smp_016810;geneID=Smp_016810;gene_name=Smp_01
6810;owner=irisadmin@local.host;orig_id=Smp_131350.1;date_last_modif
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ied=2022-11-04;Name=Smp_016810.1;product=Trafficking protein
particle complex subunit 13;date_creation=2022-07-19
SM_V9_6 iris    exon    21588864        21589336        .       -
        .       Parent=Smp_016810.1;Name=Smp_016810.1-CDS
SM_V9_6 iris    exon    21591053        21591314        .       -
        .       Parent=Smp_016810.1;Name=78def2ae-c313-49e2-
be80-115ec984bc36
SM_V9_6 iris    exon    21594770        21594870        .       -
        .       Parent=Smp_016810.1;Name=7cecd1ea-
eea3-4ed6-8451-7be7a0f561d6
SM_V9_6 iris    exon    21597384        21597654        .       -
        .
Parent=Smp_016810.1;Name=9db911aa-01e7-4d0a-8131-3d936bd650d2
SM_V9_6 iris    exon    21598434        21598567        .       -
        .       Parent=Smp_016810.1;Name=fe4e7f93-ba88-4ade-
a274-846f23680e2d
SM_V9_6 iris    exon    21603177        21603221        .       -
        .       Parent=Smp_016810.1;Name=771186ba-3e54-4039-af51-
c33a6794b24d
SM_V9_6 iris    exon    21605246        21605313        .       -
        .       Parent=Smp_016810.1;Name=ba7a275d-e2c4-4c9e-
b1c8-84e39cf2d7a9
SM_V9_6 iris    exon    21606293        21606638        .       -
        .
Parent=Smp_016810.1;Name=42be1044-4d0c-4538-8316-0a68054004cb
SM_V9_6 iris    exon    21610430        21610514        .       -
        .       Parent=Smp_016810.1;Name=a416c669-5050-40a3-a65d-
d8cacee9b86a
SM_V9_6 iris    exon    21615163        21615451        .       -
        .       Parent=Smp_016810.1;Name=097a8a15-0ab8-4381-ab44-
d30ed324e03d
SM_V9_6 iris    exon    21642442        21642512        .       -
        .       Parent=Smp_016810.1;Name=ad369dc4-edb1-4ceb-9733-
fce93225fe1b
SM_V9_6 iris    CDS     21589232        21589336        .       -
        0       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21591053        21591314        .       -
        1       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21594770        21594870        .       -
        0       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21597384        21597654        .       -
        1       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21598434        21598567        .       -
        0       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21603177        21603221        .       -
        0       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21605246        21605313        .       -
        2       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21606293        21606638        .       -
        0       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21610430        21610514        .       -
        1       Parent=Smp_016810.1
SM_V9_6 iris    CDS     21615163        21615451        .       -
        2       Parent=Smp_016810.1
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SM_V9_6 iris    CDS     21642442        21642487        .       -
        0       Parent=Smp_016810.1
SM_V9_6 iris    gene    21618449        21638803        .       +
        .
ID=Smp_131350;geneID=Smp_131350;gene_name=Smp_131350;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    21618449        21638803        .       +
        .
ID=Smp_131350.1;Parent=Smp_131350;geneID=Smp_131350;gene_name=Smp_13
1350;owner=irisadmin@local.host;orig_id=Smp_131350.1;date_last_modif
ied=2022-07-19;Name=Smp_131350.1;product=P3
protein;date_creation=2022-07-19
SM_V9_6 iris    exon    21618449        21620155        .       +
        .       Parent=Smp_131350.1;Name=43b5a73e-f571-4a9c-
a50b-32d1768cc0ec
SM_V9_6 iris    exon    21632648        21632819        .       +
        .       Parent=Smp_131350.1;Name=f297fda0-
fd6c-4b11-86fd-3175cdbc6556
SM_V9_6 iris    exon    21636072        21636586        .       +
        .       Parent=Smp_131350.1;Name=58d19887-aa34-4370-9f3d-
f02fdf6586a3
SM_V9_6 iris    exon    21637503        21638803        .       +
        .       Parent=Smp_131350.1;Name=1ae6814b-
ae85-408b-9af8-69a6f7fc29af
SM_V9_6 iris    CDS     21618890        21620155        .       +
        0       Parent=Smp_131350.1
SM_V9_6 iris    CDS     21632648        21632819        .       +
        0       Parent=Smp_131350.1
SM_V9_6 iris    CDS     21636072        21636586        .       +
        2       Parent=Smp_131350.1
SM_V9_6 iris    CDS     21637503        21638189        .       +
        0       Parent=Smp_131350.1
SM_V9_6 Liftoff gene    21659152        21670235        .       -
        .       ID=Smp_203200;geneID=Smp_203200
SM_V9_6 Liftoff mRNA    21659152        21670235        .       -
        .
ID=Smp_203200.1;Parent=Smp_203200;geneID=Smp_203200;product=Compleme
nt component C8 beta chain
SM_V9_6 Liftoff exon    21659152        21670235        .       -
        .       Parent=Smp_203200.1
SM_V9_6 Liftoff CDS     21659299        21659793        .       -
        0       Parent=Smp_203200.1
SM_V9_6 iris    gene    21731220        21755915        .       -
        .
ID=Smp_131360;geneID=Smp_131360;gene_name=Smp_131360;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    21731220        21755915        .       -
        .
ID=Smp_131360.1;Parent=Smp_131360;geneID=Smp_131360;gene_name=Smp_13
1360;owner=irisadmin@local.host;orig_id=Smp_131360.2;date_last_modif
ied=2022-07-19;Name=Smp_131360.1;product=ATP-dependent RNA helicase
DDX24;date_creation=2022-07-19
SM_V9_6 iris    exon    21731220        21732282        .       -
        .       Parent=Smp_131360.1;Name=5ae70cb8-46ff-41cc-
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ad34-481b322add27
SM_V9_6 iris    exon    21735816        21735876        .       -
        .
Parent=Smp_131360.1;Name=bb98d973-818a-43a1-824c-53fa43e2d834
SM_V9_6 iris    exon    21739809        21740034        .       -
        .       Parent=Smp_131360.1;Name=c0387ba2-9b35-4cc1-ba2f-
c77960601bee
SM_V9_6 iris    exon    21742073        21742324        .       -
        .       Parent=Smp_131360.1;Name=a9b52a3f-22c0-478e-b341-
e059f5042763
SM_V9_6 iris    exon    21743336        21743746        .       -
        .       Parent=Smp_131360.1;Name=eae874ac-a629-4c1c-
b7a1-77ac7fff8eb6
SM_V9_6 iris    exon    21745189        21745573        .       -
        .
Parent=Smp_131360.1;Name=d801b528-32bc-45c8-90f0-4784ab221af2
SM_V9_6 iris    exon    21746375        21746533        .       -
        .       Parent=Smp_131360.1;Name=7761b2b6-0d66-46ad-a189-
beb521267d68
SM_V9_6 iris    exon    21752040        21752357        .       -
        .
Parent=Smp_131360.1;Name=bab1f0b5-7f33-4917-9d25-8c23562cded7
SM_V9_6 iris    exon    21755586        21755654        .       -
        .       Parent=Smp_131360.1;Name=4d16c407-b5ca-4dc6-
b141-12d1b7127206
SM_V9_6 iris    exon    21755699        21755915        .       -
        .       Parent=Smp_131360.1;Name=0a52a3a1-3869-4bb6-9b26-
a2e260b352a1
SM_V9_6 iris    CDS     21732163        21732282        .       -
        0       Parent=Smp_131360.1
SM_V9_6 iris    CDS     21735816        21735876        .       -
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SM_V9_6 iris    CDS     21739809        21740034        .       -
        2       Parent=Smp_131360.1
SM_V9_6 iris    CDS     21742073        21742324        .       -
        2       Parent=Smp_131360.1
SM_V9_6 iris    CDS     21743336        21743746        .       -
        2       Parent=Smp_131360.1
SM_V9_6 iris    CDS     21745189        21745573        .       -
        0       Parent=Smp_131360.1
SM_V9_6 iris    CDS     21746375        21746533        .       -
        0       Parent=Smp_131360.1
SM_V9_6 iris    CDS     21752040        21752357        .       -
        0       Parent=Smp_131360.1
SM_V9_6 iris    CDS     21755586        21755654        .       -
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SM_V9_6 iris    CDS     21755699        21755893        .       -
        0       Parent=Smp_131360.1
SM_V9_6 Liftoff gene    21769513        21776056        .       +
        .       ID=Smp_131370;geneID=Smp_131370
SM_V9_6 Liftoff mRNA    21769513        21776056        .       +
        .
ID=Smp_131370.1;Parent=Smp_131370;geneID=Smp_131370;product=SCP
domain-containing protein 1;polypeptide_domain=InterPro:IPR014044
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Pfam:PF00188
SM_V9_6 Liftoff exon    21769513        21769758        .       +
        .       Parent=Smp_131370.1
SM_V9_6 Liftoff exon    21771658        21771788        .       +
        .       Parent=Smp_131370.1
SM_V9_6 Liftoff exon    21771842        21771914        .       +
        .       Parent=Smp_131370.1
SM_V9_6 Liftoff exon    21773256        21773353        .       +
        .       Parent=Smp_131370.1
SM_V9_6 Liftoff exon    21775865        21776056        .       +
        .       Parent=Smp_131370.1
SM_V9_6 Liftoff CDS     21769570        21769758        .       +
        0       Parent=Smp_131370.1
SM_V9_6 Liftoff CDS     21771658        21771788        .       +
        0       Parent=Smp_131370.1
SM_V9_6 Liftoff CDS     21771842        21771914        .       +
        1       Parent=Smp_131370.1
SM_V9_6 Liftoff CDS     21773256        21773353        .       +
        0       Parent=Smp_131370.1
SM_V9_6 Liftoff CDS     21775865        21776000        .       +
        1       Parent=Smp_131370.1
SM_V9_6 Liftoff gene    21778358        21812033        .       -
        .
ID=Smp_340240;geneID=Smp_340240;previous_systematic_id=Smp_016840
SM_V9_6 Liftoff mRNA    21778358        21812033        .       -
        .
ID=Smp_340240.1;Parent=Smp_340240;geneID=Smp_340240;product=Exportin
-4;polypeptide_domain=InterPro:IPR011989
SM_V9_6 Liftoff exon    21778358        21778974        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21779829        21780284        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21781985        21782250        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21784525        21784792        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21788714        21788962        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21789873        21790101        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21791241        21791530        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21793113        21793260        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21794385        21794539        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21796135        21796383        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21797892        21798085        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21799540        21799765        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21800792        21801385        .       -
        .       Parent=Smp_340240.1
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SM_V9_6 Liftoff exon    21803759        21803883        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21804621        21804792        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21805390        21805524        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21806958        21807233        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21810411        21810580        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21811801        21811897        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff exon    21811933        21812033        .       -
        .       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21778678        21778974        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21779829        21780284        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21781985        21782250        .       -
        2       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21784525        21784792        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21788714        21788962        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21789873        21790101        .       -
        1       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21791241        21791530        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21793113        21793260        .       -
        1       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21794385        21794539        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21796135        21796383        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21797892        21798085        .       -
        2       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21799540        21799765        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21800792        21801385        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21803759        21803883        .       -
        2       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21804621        21804792        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21805390        21805524        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21806958        21807233        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21810411        21810580        .       -
        2       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21811801        21811897        .       -
        0       Parent=Smp_340240.1
SM_V9_6 Liftoff CDS     21811933        21811980        .       -
        0       Parent=Smp_340240.1
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SM_V9_6 Liftoff gene    21844964        21852609        .       -
        .       ID=Smp_317620;geneID=Smp_317620
SM_V9_6 Liftoff mRNA    21844964        21852609        .       -
        .
ID=Smp_317620.1;Parent=Smp_317620;geneID=Smp_317620;product=30S
ribosomal protein S19
SM_V9_6 Liftoff exon    21844964        21845191        .       -
        .       Parent=Smp_317620.1
SM_V9_6 Liftoff exon    21847658        21847831        .       -
        .       Parent=Smp_317620.1
SM_V9_6 Liftoff exon    21851324        21852609        .       -
        .       Parent=Smp_317620.1
SM_V9_6 Liftoff CDS     21845021        21845191        .       -
        0       Parent=Smp_317620.1
SM_V9_6 Liftoff CDS     21847658        21847831        .       -
        0       Parent=Smp_317620.1
SM_V9_6 Liftoff CDS     21851324        21851413        .       -
        0       Parent=Smp_317620.1
SM_V9_6 iris    gene    21869874        21890537        .       -
        .
ID=Smp_131380;geneID=Smp_131380;gene_name=Smp_131380;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_6 iris    mRNA    21869874        21890537        .       -
        .
ID=Smp_131380.1;Parent=Smp_131380;geneID=Smp_131380;gene_name=Smp_13
1380;owner=irisadmin@local.host;orig_id=Smp_131380.2;date_last_modif
ied=2022-08-18;Name=Smp_131380.1;product=30S ribosomal protein
S19;date_creation=2022-08-18
SM_V9_6 iris    exon    21869874        21870067        .       -
        .       Parent=Smp_131380.1;Name=2ca8addc-345c-4f1c-8e99-
ce949d79c715
SM_V9_6 iris    exon    21872533        21872706        .       -
        .
Parent=Smp_131380.1;Name=c2eb75d3-75fd-46c7-894b-9beade4b48c1
SM_V9_6 iris    exon    21877022        21877114        .       -
        .       Parent=Smp_131380.1;Name=57ecc593-c9f4-4ca1-b21e-
dc2bbedf9d42
SM_V9_6 iris    exon    21881175        21881428        .       -
        .
Parent=Smp_131380.1;Name=35b14014-2a38-4cff-9839-0af8beffb30f
SM_V9_6 iris    exon    21882594        21882671        .       -
        .       Parent=Smp_131380.1;Name=69a2268a-c6bc-41c4-
b50c-57ed5ed8a18e
SM_V9_6 iris    exon    21882709        21882775        .       -
        .       Parent=Smp_131380.1;Name=a392448d-2d22-4395-b402-
c7016b26a4fb
SM_V9_6 iris    exon    21890334        21890537        .       -
        .       Parent=Smp_131380.1;Name=201f9dcb-65be-4c24-
a2ff-13b3581f9e0a
SM_V9_6 iris    CDS     21869897        21870067        .       -
        0       Parent=Smp_131380.1
SM_V9_6 iris    CDS     21872533        21872706        .       -
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SM_V9_6 iris    CDS     21877022        21877114        .       -
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        0       Parent=Smp_131380.1
SM_V9_6 iris    CDS     21881175        21881428        .       -
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SM_V9_6 iris    CDS     21882594        21882671        .       -
        2       Parent=Smp_131380.1
SM_V9_6 iris    CDS     21882709        21882775        .       -
        0       Parent=Smp_131380.1
SM_V9_6 iris    CDS     21890334        21890360        .       -
        0       Parent=Smp_131380.1
SM_V9_6 Liftoff gene    21907303        21954188        .       +
        .       ID=Smp_131390;geneID=Smp_131390
SM_V9_6 Liftoff mRNA    21907303        21954188        .       +
        .
ID=Smp_131390.1;Parent=Smp_131390;geneID=Smp_131390;product=PH-
interacting
protein;polypeptide_domain=InterPro:IPR001487,IPR001680,IPR015943,IP
R017986 Pfam:PF00400,PF00439;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    21907303        21907405        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21907440        21907498        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21907535        21907564        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21907595        21907654        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21907693        21907813        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21907850        21907885        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21907923        21908074        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21909114        21909396        .       +
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SM_V9_6 Liftoff exon    21911114        21911377        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21912595        21912698        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21914203        21914336        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21916984        21917107        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21921530        21922171        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21924449        21924947        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21926796        21926973        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21930424        21930514        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21932273        21932593        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21934806        21935543        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21935972        21935992        .       +
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        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21939292        21939633        .       +
        .       Parent=Smp_131390.1
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        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21945904        21946299        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21946992        21947146        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21948347        21948622        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21950857        21951826        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff exon    21953482        21954188        .       +
        .       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21907390        21907405        .       +
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SM_V9_6 Liftoff CDS     21907440        21907498        .       +
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SM_V9_6 Liftoff CDS     21907535        21907564        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21907595        21907654        .       +
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SM_V9_6 Liftoff CDS     21907693        21907813        .       +
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SM_V9_6 Liftoff CDS     21907850        21907885        .       +
        2       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21907923        21908074        .       +
        2       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21909114        21909396        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21911114        21911377        .       +
        2       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21912595        21912698        .       +
        2       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21914203        21914336        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21916984        21917107        .       +
        1       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21921530        21922171        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21924449        21924947        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21926796        21926973        .       +
        2       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21930424        21930514        .       +
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SM_V9_6 Liftoff CDS     21932273        21932593        .       +
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SM_V9_6 Liftoff CDS     21934806        21935543        .       +
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SM_V9_6 Liftoff CDS     21935972        21935992        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21939292        21939633        .       +
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        0       Parent=Smp_131390.1
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SM_V9_6 Liftoff CDS     21945904        21946299        .       +
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SM_V9_6 Liftoff CDS     21946992        21947146        .       +
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SM_V9_6 Liftoff CDS     21948347        21948622        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21950857        21951826        .       +
        0       Parent=Smp_131390.1
SM_V9_6 Liftoff CDS     21953482        21953870        .       +
        2       Parent=Smp_131390.1
SM_V9_6 Liftoff mRNA    21907303        21954188        .       +
        .
ID=Smp_131390.2;Parent=Smp_131390;geneID=Smp_131390;product=PH-
interacting
protein;polypeptide_domain=InterPro:IPR001487,IPR001680,IPR015943,IP
R017986 Pfam:PF00400,PF00439;Ontology_term=GO:0005515
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        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21907440        21907498        .       +
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SM_V9_6 Liftoff exon    21907535        21907564        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21907595        21907654        .       +
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SM_V9_6 Liftoff exon    21907693        21907813        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21907850        21907885        .       +
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SM_V9_6 Liftoff exon    21907923        21908074        .       +
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        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21914203        21914336        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21916984        21917107        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21921530        21922171        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21924449        21924947        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21926796        21926973        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21930424        21930514        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21932273        21932593        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21934806        21935543        .       +
```

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        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21939292        21939633        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21942074        21942674        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21945904        21946299        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21946992        21947146        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21948347        21948622        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21950857        21951826        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff exon    21953482        21954188        .       +
        .       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21907390        21907405        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21907440        21907498        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21907535        21907564        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21907595        21907654        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21907693        21907813        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21907850        21907885        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21907923        21908074        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21909114        21909396        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21911114        21911377        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21912595        21912698        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21914203        21914336        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21916984        21917107        .       +
        1       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21921530        21922171        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21924449        21924947        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21926796        21926973        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21930424        21930514        .       +
        1       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21932273        21932593        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21934806        21935543        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21939292        21939633        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21942074        21942674        .       +
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        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21945904        21946299        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21946992        21947146        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21948347        21948622        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21950857        21951826        .       +
        0       Parent=Smp_131390.2
SM_V9_6 Liftoff CDS     21953482        21953870        .       +
        2       Parent=Smp_131390.2
SM_V9_6 Liftoff gene    21965864        21977151        .       +
        .       ID=Smp_016870;geneID=Smp_016870
SM_V9_6 Liftoff mRNA    21965864        21977151        .       +
        .
ID=Smp_016870.1;Parent=Smp_016870;geneID=Smp_016870;product=Protein
regulator of cytokinesis 1;polypeptide_domain=Pfam:PF03999
SM_V9_6 Liftoff exon    21965864        21966146        .       +
        .       Parent=Smp_016870.1
SM_V9_6 Liftoff exon    21966184        21966465        .       +
        .       Parent=Smp_016870.1
SM_V9_6 Liftoff exon    21966497        21966826        .       +
        .       Parent=Smp_016870.1
SM_V9_6 Liftoff exon    21968015        21968203        .       +
        .       Parent=Smp_016870.1
SM_V9_6 Liftoff exon    21968238        21968333        .       +
        .       Parent=Smp_016870.1
SM_V9_6 Liftoff exon    21974694        21974909        .       +
        .       Parent=Smp_016870.1
SM_V9_6 Liftoff exon    21976944        21977151        .       +
        .       Parent=Smp_016870.1
SM_V9_6 Liftoff CDS     21965931        21966146        .       +
        0       Parent=Smp_016870.1
SM_V9_6 Liftoff CDS     21966184        21966465        .       +
        0       Parent=Smp_016870.1
SM_V9_6 Liftoff CDS     21966497        21966826        .       +
        0       Parent=Smp_016870.1
SM_V9_6 Liftoff CDS     21968015        21968203        .       +
        0       Parent=Smp_016870.1
SM_V9_6 Liftoff CDS     21968238        21968333        .       +
        0       Parent=Smp_016870.1
SM_V9_6 Liftoff CDS     21974694        21974909        .       +
        0       Parent=Smp_016870.1
SM_V9_6 Liftoff CDS     21976944        21976985        .       +
        0       Parent=Smp_016870.1
SM_V9_6 Liftoff mRNA    21965893        21977127        .       +
        .
ID=Smp_016870.2;Parent=Smp_016870;geneID=Smp_016870;product=Protein
regulator of cytokinesis 1;polypeptide_domain=Pfam:PF03999
SM_V9_6 Liftoff exon    21965893        21966146        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21966184        21966465        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21966497        21966826        .       +
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        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21968015        21968203        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21968238        21968333        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21971528        21971805        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21972902        21973064        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21974694        21974909        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff exon    21976944        21977127        .       +
        .       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21965931        21966146        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21966184        21966465        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21966497        21966826        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21968015        21968203        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21968238        21968333        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21971528        21971805        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21972902        21973064        .       +
        1       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21974694        21974909        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff CDS     21976944        21976985        .       +
        0       Parent=Smp_016870.2
SM_V9_6 Liftoff gene    21984907        22014042        .       -
        .
ID=Smp_214040;geneID=Smp_214040;previous_systematic_id=Smp_016880
SM_V9_6 Liftoff mRNA    21984907        22014042        .       -
        .
ID=Smp_214040.1;Parent=Smp_214040;geneID=Smp_214040;product=Glycopro
tein endo-alpha-1,2-
mannosidase;polypeptide_domain=InterPro:IPR026071
Pfam:PF16317;Ontology_term=GO:0016798
SM_V9_6 Liftoff exon    21984907        21985438        .       -
        .       Parent=Smp_214040.1
SM_V9_6 Liftoff exon    21991706        21991866        .       -
        .       Parent=Smp_214040.1
SM_V9_6 Liftoff exon    21995006        21995203        .       -
        .       Parent=Smp_214040.1
SM_V9_6 Liftoff exon    22004161        22004270        .       -
        .       Parent=Smp_214040.1
SM_V9_6 Liftoff exon    22009333        22009678        .       -
        .       Parent=Smp_214040.1
SM_V9_6 Liftoff exon    22013896        22014042        .       -
        .       Parent=Smp_214040.1
SM_V9_6 Liftoff CDS     21984997        21985438        .       -
        1       Parent=Smp_214040.1
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SM_V9_6 Liftoff CDS     21991706        21991866        .       -
        0       Parent=Smp_214040.1
SM_V9_6 Liftoff CDS     21995006        21995203        .       -
        0       Parent=Smp_214040.1
SM_V9_6 Liftoff CDS     22004161        22004270        .       -
        2       Parent=Smp_214040.1
SM_V9_6 Liftoff CDS     22009333        22009678        .       -
        0       Parent=Smp_214040.1
SM_V9_6 Liftoff CDS     22013896        22013967        .       -
        0       Parent=Smp_214040.1
SM_V9_6 Liftoff gene    22018702        22022469        .       -
        .
ID=Smp_214050;geneID=Smp_214050;previous_systematic_id=Smp_016880
SM_V9_6 Liftoff mRNA    22018702        22022469        .       -
        .
ID=Smp_214050.1;Parent=Smp_214050;geneID=Smp_214050;product=Guanylat
e
kinase;polypeptide_domain=InterPro:IPR008144,IPR008145,IPR017665,IPR
020590,IPR027417 Pfam:PF00625;Ontology_term=GO:0004385,GO:0006163
SM_V9_6 Liftoff exon    22018702        22019509        .       -
        .       Parent=Smp_214050.1
SM_V9_6 Liftoff exon    22022093        22022469        .       -
        .       Parent=Smp_214050.1
SM_V9_6 Liftoff CDS     22019174        22019509        .       -
        0       Parent=Smp_214050.1
SM_V9_6 Liftoff CDS     22022093        22022362        .       -
        0       Parent=Smp_214050.1
SM_V9_6 Liftoff gene    22032583        22036988        .       +
        .
ID=Smp_340250;geneID=Smp_340250;previous_systematic_id=Smp_016890
SM_V9_6 Liftoff mRNA    22032583        22036988        .       +
        .
ID=Smp_340250.1;Parent=Smp_340250;geneID=Smp_340250;product=DNA
repair protein RecO
SM_V9_6 Liftoff exon    22032583        22036988        .       +
        .       Parent=Smp_340250.1
SM_V9_6 Liftoff CDS     22036146        22036352        .       +
        0       Parent=Smp_340250.1
SM_V9_6 Liftoff gene    22037167        22039489        .       -
        .       ID=Smp_016900;geneID=Smp_016900
SM_V9_6 Liftoff mRNA    22037167        22039489        .       -
        .
ID=Smp_016900.1;Parent=Smp_016900;geneID=Smp_016900;product=Uncharac
terized protein C7orf50;polypeptide_domain=InterPro:IPR019327
Pfam:PF10180
SM_V9_6 Liftoff exon    22037167        22037353        .       -
        .       Parent=Smp_016900.1
SM_V9_6 Liftoff exon    22038385        22038571        .       -
        .       Parent=Smp_016900.1
SM_V9_6 Liftoff exon    22039130        22039489        .       -
        .       Parent=Smp_016900.1
SM_V9_6 Liftoff CDS     22037286        22037353        .       -
        2       Parent=Smp_016900.1
SM_V9_6 Liftoff CDS     22038385        22038571        .       -
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        0       Parent=Smp_016900.1
SM_V9_6 Liftoff CDS     22039130        22039213        .       -
        0       Parent=Smp_016900.1
SM_V9_6 iris    gene    22045243        22049449        .       -
        .
ID=Smp_016910;geneID=Smp_016910;gene_name=Smp_016910;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    22045243        22049449        .       -
        .
ID=Smp_016910.1;Parent=Smp_016910;geneID=Smp_016910;gene_name=Smp_01
6910;owner=irisadmin@local.host;orig_id=Smp_016910.1;date_last_modif
ied=2022-07-19;Name=Smp_016910.1;product=Adrenodoxin, mitochondrial
(Fragment);date_creation=2022-07-19
SM_V9_6 iris    exon    22045243        22045570        .       -
        .
Parent=Smp_016910.1;Name=b13a92bf-6cf9-4345-8595-960f91f9c168
SM_V9_6 iris    exon    22046655        22046751        .       -
        .       Parent=Smp_016910.1;Name=ee4f5e91-41a3-425c-
a457-5f6b90b402d5
SM_V9_6 iris    exon    22049031        22049163        .       -
        .       Parent=Smp_016910.1;Name=81c31ef2-
a256-41fc-96b0-519afa7cbf31
SM_V9_6 iris    exon    22049196        22049308        .       -
        .       Parent=Smp_016910.1;Name=24aca383-927f-4897-
a343-68e827069e6a
SM_V9_6 iris    exon    22049348        22049449        .       -
        .       Parent=Smp_016910.1;Name=56db284e-1612-4811-b7c1-
c4e5cbeea4b9
SM_V9_6 iris    CDS     22046661        22046751        .       -
        1       Parent=Smp_016910.1
SM_V9_6 iris    CDS     22049031        22049163        .       -
        2       Parent=Smp_016910.1
SM_V9_6 iris    CDS     22049196        22049308        .       -
        1       Parent=Smp_016910.1
SM_V9_6 iris    CDS     22049348        22049388        .       -
        0       Parent=Smp_016910.1
SM_V9_6 Liftoff gene    22070353        22098108        .       +
        .       ID=Smp_016920;geneID=Smp_016920
SM_V9_6 Liftoff mRNA    22070353        22098108        .       +
        .
ID=Smp_016920.1;Parent=Smp_016920;geneID=Smp_016920;product=RING
finger protein 11;polypeptide_domain=InterPro:IPR001841,IPR013083
Pfam:PF13639
SM_V9_6 Liftoff exon    22070353        22070537        .       +
        .       Parent=Smp_016920.1
SM_V9_6 Liftoff exon    22073259        22073413        .       +
        .       Parent=Smp_016920.1
SM_V9_6 Liftoff exon    22092311        22098108        .       +
        .       Parent=Smp_016920.1
SM_V9_6 Liftoff CDS     22070424        22070537        .       +
        0       Parent=Smp_016920.1
SM_V9_6 Liftoff CDS     22073259        22073413        .       +
        0       Parent=Smp_016920.1
SM_V9_6 Liftoff CDS     22092311        22093016        .       +
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        1       Parent=Smp_016920.1
SM_V9_6 Liftoff gene    22104323        22125379        .       +
        .       ID=Smp_131400;geneID=Smp_131400
SM_V9_6 Liftoff mRNA    22104323        22125379        .       +
        .
ID=Smp_131400.1;Parent=Smp_131400;geneID=Smp_131400;product=Glucosid
ase 2 subunit beta;polypeptide_domain=InterPro:IPR009011,IPR028146
Pfam:PF12999,PF13015
SM_V9_6 Liftoff exon    22104323        22104459        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff exon    22104494        22104706        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff exon    22106676        22106733        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff exon    22110556        22110646        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff exon    22112008        22112431        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff exon    22113592        22113637        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff exon    22118309        22118594        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff exon    22125186        22125379        .       +
        .       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22104369        22104459        .       +
        0       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22104494        22104706        .       +
        2       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22106676        22106733        .       +
        2       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22110556        22110646        .       +
        1       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22112008        22112431        .       +
        0       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22113592        22113637        .       +
        2       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22118309        22118594        .       +
        1       Parent=Smp_131400.1
SM_V9_6 Liftoff CDS     22125186        22125329        .       +
        0       Parent=Smp_131400.1
SM_V9_6 iris    gene    22133143        22144803        .       +
        .
ID=Smp_131410;geneID=Smp_131410;gene_name=Smp_131410;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    22133143        22144803        .       +
        .
ID=Smp_131410.1;Parent=Smp_131410;geneID=Smp_131410;gene_name=Smp_13
1410;owner=irisadmin@local.host;orig_id=Smp_131410.1;date_last_modif
ied=2022-07-19;Name=Smp_131410.1;product=Uncharacterized ABC
transporter permease protein YclN;date_creation=2022-07-19
SM_V9_6 iris    exon    22133143        22133187        .       +
        .
Parent=Smp_131410.1;Name=d4ad8c2d-20a9-453b-8554-60e54bd65dee
SM_V9_6 iris    exon    22135140        22135198        .       +
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        .       Parent=Smp_131410.1;Name=bd507447-caf5-413c-
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SM_V9_6 iris    exon    22135241        22135294        .       +
        .
Parent=Smp_131410.1;Name=8de95a00-4e98-43ad-9410-071dee5e8d3f
SM_V9_6 iris    exon    22137921        22138011        .       +
        .       Parent=Smp_131410.1;Name=1c53bc64-437a-41dc-
b570-703592d23c27
SM_V9_6 iris    exon    22140053        22140271        .       +
        .       Parent=Smp_131410.1;Name=47ca1346-d1d4-4470-
b7f9-39a3df3e81f5
SM_V9_6 iris    exon    22142333        22142383        .       +
        .       Parent=Smp_131410.1;Name=ab40deef-b27c-4500-b658-
f8eaa63dffeb
SM_V9_6 iris    exon    22144544        22144803        .       +
        .
Parent=Smp_131410.1;Name=74c551bb-6459-4aad-8b2c-248e0c66a406
SM_V9_6 iris    CDS     22135173        22135198        .       +
        0       Parent=Smp_131410.1
SM_V9_6 iris    CDS     22135241        22135294        .       +
        1       Parent=Smp_131410.1
SM_V9_6 iris    CDS     22137921        22138011        .       +
        1       Parent=Smp_131410.1
SM_V9_6 iris    CDS     22140053        22140271        .       +
        0       Parent=Smp_131410.1
SM_V9_6 iris    CDS     22142333        22142383        .       +
        0       Parent=Smp_131410.1
SM_V9_6 iris    CDS     22144544        22144717        .       +
        0       Parent=Smp_131410.1
SM_V9_6 iris    gene    22150546        22158093        .       -
        .
ID=Smp_317630;geneID=Smp_317630;gene_name=Smp_317630;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    22150546        22158093        .       -
        .
ID=Smp_317630.1;Parent=Smp_317630;geneID=Smp_317630;gene_name=Smp_31
7630;owner=irisadmin@local.host;orig_id=Smp_317630.1;date_last_modif
ied=2022-08-29;Name=Smp_317630.1;product=Serine/threonine
transporter SstT;date_creation=2022-08-29
SM_V9_6 iris    exon    22150546        22150722        .       -
        .       Parent=Smp_317630.1;Name=c014f343-c91e-4773-bc31-
c4a093f85553
SM_V9_6 iris    exon    22151930        22151980        .       -
        .       Parent=Smp_317630.1;Name=e9e9b726-06f2-4f7e-9aed-
bbd57ffd1e12
SM_V9_6 iris    exon    22153857        22154075        .       -
        .       Parent=Smp_317630.1;Name=e3a82588-fa16-4b8d-
b398-6ce03fae2e91
SM_V9_6 iris    exon    22155991        22156081        .       -
        .
Parent=Smp_317630.1;Name=ef68b69e-8b4d-4426-9624-37d1730aa6fb
SM_V9_6 iris    exon    22157934        22157987        .       -
        .       Parent=Smp_317630.1;Name=11efe8e5-
d4b4-42ed-935d-600a97464f45
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SM_V9_6 iris    exon    22158030        22158093        .       -
        .       Parent=Smp_317630.1;Name=cc331683-b6fc-4665-
b063-113a35eebfbf
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SM_V9_6 iris    CDS     22153857        22154075        .       -
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SM_V9_6 iris    CDS     22155991        22156081        .       -
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SM_V9_6 iris    CDS     22157934        22157987        .       -
        1       Parent=Smp_317630.1
SM_V9_6 iris    CDS     22158030        22158061        .       -
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SM_V9_6 Liftoff gene    22170644        22172569        .       -
        .
ID=Smp_331630;geneID=Smp_331630;previous_systematic_id=Smp_205580
SM_V9_6 Liftoff mRNA    22170644        22172569        .       -
        .
ID=Smp_331630.1;Parent=Smp_331630;geneID=Smp_331630;product=Uncharac
terized protein SJCHGC09800;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_6 Liftoff exon    22170644        22170869        .       -
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SM_V9_6 Liftoff exon    22170904        22171035        .       -
        .       Parent=Smp_331630.1
SM_V9_6 Liftoff exon    22172469        22172569        .       -
        .       Parent=Smp_331630.1
SM_V9_6 Liftoff CDS     22170790        22170869        .       -
        2       Parent=Smp_331630.1
SM_V9_6 Liftoff CDS     22170904        22171035        .       -
        2       Parent=Smp_331630.1
SM_V9_6 Liftoff CDS     22172469        22172535        .       -
        0       Parent=Smp_331630.1
SM_V9_6 Liftoff mRNA    22170644        22172569        .       -
        .
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protein SJCHGC02965 (Fragment);polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_6 Liftoff exon    22170644        22171035        .       -
        .       Parent=Smp_331630.2
SM_V9_6 Liftoff exon    22172469        22172569        .       -
        .       Parent=Smp_331630.2
SM_V9_6 Liftoff CDS     22170827        22171035        .       -
        2       Parent=Smp_331630.2
SM_V9_6 Liftoff CDS     22172469        22172535        .       -
        0       Parent=Smp_331630.2
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        .
ID=Smp_342590;geneID=Smp_342590;gene_name=Smp_342590;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    22185712        22214639        .       +
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protein 1;date_creation=2022-07-19
SM_V9_6 iris    exon    22185712        22186026        .       +
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b2cb-594520870563
SM_V9_6 iris    exon    22192236        22192368        .       +
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aeea09251d71
SM_V9_6 iris    exon    22194173        22194293        .       +
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efd97677ebde
SM_V9_6 iris    exon    22196382        22196605        .       +
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f9157830497b
SM_V9_6 iris    exon    22203616        22203752        .       +
        .
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SM_V9_6 iris    exon    22205756        22206030        .       +
        .       Parent=Smp_342590.1;Name=760054ba-fee9-4fb4-
b606-5766a55987b8
SM_V9_6 iris    exon    22208467        22208735        .       +
        .       Parent=Smp_342590.1;Name=87272358-5172-4221-aa12-
c913f31495bb
SM_V9_6 iris    exon    22210857        22211104        .       +
        .
Parent=Smp_342590.1;Name=5f716914-3eba-493d-9731-52c8413b8801
SM_V9_6 iris    exon    22212828        22214639        .       +
        .       Parent=Smp_342590.1;Name=5f16b45a-df74-44c2-a7c0-
e9c6a484adaf
SM_V9_6 iris    CDS     22185807        22186026        .       +
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SM_V9_6 iris    CDS     22192236        22192368        .       +
        2       Parent=Smp_342590.1
SM_V9_6 iris    CDS     22194173        22194293        .       +
        1       Parent=Smp_342590.1
SM_V9_6 iris    CDS     22196382        22196605        .       +
        0       Parent=Smp_342590.1
SM_V9_6 iris    CDS     22203616        22203752        .       +
        1       Parent=Smp_342590.1
SM_V9_6 iris    CDS     22205756        22206030        .       +
        2       Parent=Smp_342590.1
SM_V9_6 iris    CDS     22208467        22208735        .       +
        0       Parent=Smp_342590.1
SM_V9_6 iris    CDS     22210857        22211104        .       +
        1       Parent=Smp_342590.1
SM_V9_6 iris    CDS     22212828        22213282        .       +
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SM_V9_6 iris    gene    22217402        22231141        .       -
        .
ID=Smp_317640;geneID=Smp_317640;gene_name=Smp_317640;owner=irisadmin
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SM_V9_6 iris    mRNA    22217402        22231141        .       -
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ied=2022-07-19;Name=Smp_317640.1;product=Inactive hydroxysteroid
dehydrogenase-like protein 1;date_creation=2022-07-19
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        .       Parent=Smp_317640.1;Name=3419c811-8b3a-4fb9-8353-
dd1acd562bf4
SM_V9_6 iris    exon    22223357        22223602        .       -
        .       Parent=Smp_317640.1;Name=049473c4-d9f0-4a0b-bdf4-
baac10444437
SM_V9_6 iris    exon    22230327        22230647        .       -
        .
Parent=Smp_317640.1;Name=bf45f4c4-89d1-4f0a-9784-11a2c60545c2
SM_V9_6 iris    exon    22231085        22231141        .       -
        .       Parent=Smp_317640.1;Name=8fb700ea-b337-4078-81eb-
ae96b73847a8
SM_V9_6 iris    CDS     22217807        22218093        .       -
        2       Parent=Smp_317640.1
SM_V9_6 iris    CDS     22223357        22223564        .       -
        0       Parent=Smp_317640.1
SM_V9_6 iris    gene    22239568        22244388        .       -
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ied=2022-07-19;Name=Smp_308930.1;product=Very-long-chain 3-oxoacyl-
CoA reductase;date_creation=2022-07-19
SM_V9_6 iris    exon    22239568        22240256        .       -
        .       Parent=Smp_308930.1;Name=53c225df-97c1-4636-
b726-970782de1cf9
SM_V9_6 iris    exon    22243829        22244149        .       -
        .       Parent=Smp_308930.1;Name=d50742d9-7f5f-4e16-b68b-
fc091d5ec870
SM_V9_6 iris    exon    22244329        22244388        .       -
        .       Parent=Smp_308930.1;Name=18ad4dd6-83b2-4002-92a1-
de16116e8e45
SM_V9_6 iris    CDS     22239627        22240256        .       -
        0       Parent=Smp_308930.1
SM_V9_6 iris    CDS     22243829        22244149        .       -
        0       Parent=Smp_308930.1
SM_V9_6 Liftoff gene    22254326        22257189        .       +
        .
ID=Smp_308940;geneID=Smp_308940;previous_systematic_id=Smp_178940
SM_V9_6 Liftoff mRNA    22254326        22257189        .       +
        .
ID=Smp_308940.1;Parent=Smp_308940;geneID=Smp_308940;product=Inactive
hydroxysteroid dehydrogenase-like protein
1;polypeptide_domain=InterPro:IPR002347,IPR016040,IPR020904
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SM_V9_6 Liftoff exon    22254326        22255232        .       +
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SM_V9_6 Liftoff CDS     22256475        22257077        .       +
        0       Parent=Smp_308940.1
SM_V9_6 Liftoff gene    22263456        22270806        .       +
        .       ID=Smp_317660;geneID=Smp_317660
SM_V9_6 Liftoff mRNA    22263456        22270806        .       +
        .
ID=Smp_317660.1;Parent=Smp_317660;geneID=Smp_317660;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR014039;Ontology_term=GO:00037
46,GO:0005622,GO:0006414
SM_V9_6 Liftoff exon    22263456        22263693        .       +
        .       Parent=Smp_317660.1
SM_V9_6 Liftoff exon    22268153        22270806        .       +
        .       Parent=Smp_317660.1
SM_V9_6 Liftoff CDS     22263486        22263693        .       +
        0       Parent=Smp_317660.1
SM_V9_6 Liftoff CDS     22268153        22268439        .       +
        2       Parent=Smp_317660.1
SM_V9_6 iris    gene    22274888        22301367        .       -
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ID=Smp_317670;geneID=Smp_317670;gene_name=Smp_317670;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    22274888        22301367        .       -
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ID=Smp_317670.1;Parent=Smp_317670;geneID=Smp_317670;gene_name=Smp_31
7670;owner=irisadmin@local.host;orig_id=Smp_317670.1;date_last_modif
ied=2022-07-19;Name=Smp_317670.1;product=T-complex protein 11-like
protein 1;date_creation=2022-07-19
SM_V9_6 iris    exon    22274888        22276660        .       -
        .       Parent=Smp_317670.1;Name=9425b184-2bd8-4b8c-
bb55-87094fbbac79
SM_V9_6 iris    exon    22278357        22278604        .       -
        .       Parent=Smp_317670.1;Name=74fe2f05-fb7c-4544-
ae1d-6b3c9380c58b
SM_V9_6 iris    exon    22283929        22284197        .       -
        .       Parent=Smp_317670.1;Name=7e3e3c1c-79b9-46c6-8324-
bed72676c9a2
SM_V9_6 iris    exon    22286634        22286908        .       -
        .       Parent=Smp_317670.1;Name=22e1864f-873c-4bf2-b5ed-
a2a997459028
SM_V9_6 iris    exon    22288890        22289026        .       -
        .       Parent=Smp_317670.1;Name=f76e03f1-b446-4f9e-843e-
cdd9d1abe909
SM_V9_6 iris    exon    22291477        22291700        .       -
        .       Parent=Smp_317670.1;Name=dad87ddd-f380-4698-8921-
d1bbf67dfce0
SM_V9_6 iris    exon    22293399        22293535        .       -
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Parent=Smp_317670.1;Name=c0213078-6072-4626-867c-7dec5aba005e
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SM_V9_6 iris    CDS     22276206        22276660        .       -
        2       Parent=Smp_317670.1
SM_V9_6 iris    CDS     22278357        22278604        .       -
        1       Parent=Smp_317670.1
SM_V9_6 iris    CDS     22283929        22284197        .       -
        0       Parent=Smp_317670.1
SM_V9_6 iris    CDS     22286634        22286908        .       -
        2       Parent=Smp_317670.1
SM_V9_6 iris    CDS     22288890        22289026        .       -
        1       Parent=Smp_317670.1
SM_V9_6 iris    CDS     22291477        22291700        .       -
        0       Parent=Smp_317670.1
SM_V9_6 iris    CDS     22293399        22293535        .       -
        2       Parent=Smp_317670.1
SM_V9_6 iris    CDS     22301166        22301211        .       -
        0       Parent=Smp_317670.1
SM_V9_6 Liftoff gene    22327336        22329330        .       +
        .       ID=Smp_317690;geneID=Smp_317690
SM_V9_6 Liftoff mRNA    22327336        22329330        .       +
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ID=Smp_317690.1;Parent=Smp_317690;geneID=Smp_317690;product=Uncharac
terized protein SJCHGC09803;polypeptide_domain=InterPro:IPR021712
Pfam:PF11703
SM_V9_6 Liftoff exon    22327336        22327438        .       +
        .       Parent=Smp_317690.1
SM_V9_6 Liftoff exon    22328882        22329330        .       +
        .       Parent=Smp_317690.1
SM_V9_6 Liftoff CDS     22327372        22327438        .       +
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SM_V9_6 Liftoff CDS     22328882        22329072        .       +
        2       Parent=Smp_317690.1
SM_V9_6 Liftoff gene    22336968        22341832        .       -
        .       ID=Smp_009430;geneID=Smp_009430
SM_V9_6 Liftoff mRNA    22336968        22341832        .       -
        .
ID=Smp_009430.1;Parent=Smp_009430;geneID=Smp_009430;product=Very-
long-chain 3-oxoacyl-CoA
reductase;polypeptide_domain=InterPro:IPR002347,IPR016040,IPR020904
Pfam:PF00106;Ontology_term=GO:0016491
SM_V9_6 Liftoff exon    22336968        22337739        .       -
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SM_V9_6 Liftoff exon    22338758        22341832        .       -
        .       Parent=Smp_009430.1
SM_V9_6 Liftoff CDS     22337134        22337739        .       -
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SM_V9_6 Liftoff CDS     22338758        22339111        .       -
        0       Parent=Smp_009430.1
SM_V9_6 Liftoff gene    22358846        22367925        .       +
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SM_V9_6 Liftoff mRNA    22358846        22367925        .       +
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me c oxidase assembly factor 7
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        .       Parent=Smp_009420.1
SM_V9_6 Liftoff exon    22362998        22363221        .       +
        .       Parent=Smp_009420.1
SM_V9_6 Liftoff exon    22367296        22367925        .       +
        .       Parent=Smp_009420.1
SM_V9_6 Liftoff CDS     22362846        22362957        .       +
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        2       Parent=Smp_009420.1
SM_V9_6 Liftoff CDS     22367296        22367730        .       +
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SM_V9_6 Liftoff gene    22371469        22395452        .       -
        .       ID=Smp_127160;geneID=Smp_127160
SM_V9_6 Liftoff mRNA    22371469        22395452        .       -
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ID=Smp_127160.1;Parent=Smp_127160;geneID=Smp_127160;product=Cytochro
me b5 reductase
4;polypeptide_domain=InterPro:IPR001199,IPR001433,IPR001834,IPR00833
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Pfam:PF00173,PF00175,PF00970;Ontology_term=GO:0016491,GO:0055114
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        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22374599        22374878        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22376319        22376483        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22378279        22378428        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22382331        22382687        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22384174        22384382        .       -
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SM_V9_6 Liftoff exon    22386406        22386463        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22388453        22388543        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22391063        22391163        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22391967        22392109        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff exon    22394684        22395452        .       -
        .       Parent=Smp_127160.1
SM_V9_6 Liftoff CDS     22372278        22372332        .       -
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SM_V9_6 Liftoff CDS     22373652        22373849        .       -
        1       Parent=Smp_127160.1
SM_V9_6 Liftoff CDS     22374599        22374878        .       -
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SM_V9_6 Liftoff CDS     22376319        22376483        .       -
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        2       Parent=Smp_127160.1
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SM_V9_6 Liftoff CDS     22391063        22391163        .       -
        2       Parent=Smp_127160.1
SM_V9_6 Liftoff CDS     22391967        22392109        .       -
        1       Parent=Smp_127160.1
SM_V9_6 Liftoff CDS     22394684        22394763        .       -
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SM_V9_6 Liftoff gene    22399456        22420210        .       +
        .       ID=Smp_009400;geneID=Smp_009400
SM_V9_6 Liftoff mRNA    22399456        22420210        .       +
        .
ID=Smp_009400.1;Parent=Smp_009400;geneID=Smp_009400;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    22399456        22399499        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22399533        22399624        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22399660        22399839        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22401889        22401963        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22404516        22404640        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22405275        22405867        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22406180        22406255        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22406371        22406471        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22411089        22411179        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22413996        22414120        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22416185        22416525        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22418159        22418948        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff exon    22419416        22420210        .       +
        .       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22399487        22399499        .       +
        0       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22399533        22399624        .       +
        2       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22399660        22399839        .       +
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SM_V9_6 Liftoff CDS     22404516        22404640        .       +
        0       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22405275        22405867        .       +
        1       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22406180        22406255        .       +
        2       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22406371        22406471        .       +
        1       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22411089        22411179        .       +
        2       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22413996        22414120        .       +
        1       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22416185        22416525        .       +
        2       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22418159        22418948        .       +
        0       Parent=Smp_009400.1
SM_V9_6 Liftoff CDS     22419416        22419990        .       +
        2       Parent=Smp_009400.1
SM_V9_6 iris    gene    22428797        22429383        .       -
        .
ID=Smp_009390;geneID=Smp_009390;gene_name=Smp_009390;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    22428797        22429383        .       -
        .
ID=Smp_009390.1;Parent=Smp_009390;geneID=Smp_009390;gene_name=Smp_00
9390;owner=irisadmin@local.host;orig_id=Smp_009390.1;date_last_modif
ied=2022-07-19;Name=Smp_009390.1;product=Prefoldin subunit
1;date_creation=2022-07-19
SM_V9_6 iris    exon    22428797        22428958        .       -
        .       Parent=Smp_009390.1;Name=0ff56a11-
e457-4490-9f05-0c0cc56e0f50
SM_V9_6 iris    exon    22428992        22429076        .       -
        .       Parent=Smp_009390.1;Name=d36aa977-9c67-4b7f-
bcbb-36079a3c2e9f
SM_V9_6 iris    exon    22429114        22429280        .       -
        .
Parent=Smp_009390.1;Name=3cc84174-92cf-467e-971d-5432b9579521
SM_V9_6 iris    exon    22429314        22429383        .       -
        .       Parent=Smp_009390.1;Name=c7c2e6d0-d6e3-4689-
b2fc-26d7747121e1
SM_V9_6 iris    CDS     22428878        22428958        .       -
        0       Parent=Smp_009390.1
SM_V9_6 iris    CDS     22428992        22429076        .       -
        1       Parent=Smp_009390.1
SM_V9_6 iris    CDS     22429114        22429280        .       -
        0       Parent=Smp_009390.1
SM_V9_6 iris    CDS     22429314        22429337        .       -
        0       Parent=Smp_009390.1
SM_V9_6 Liftoff gene    22454977        22491502        .       -
        .       ID=Smp_127140;geneID=Smp_127140
SM_V9_6 Liftoff mRNA    22454977        22491502        .       -
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        .
ID=Smp_127140.1;Parent=Smp_127140;geneID=Smp_127140;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    22454977        22458129        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22460819        22461558        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22463702        22464281        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22466970        22467104        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22470680        22470855        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22471474        22472067        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22473745        22474746        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22477317        22477605        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22481165        22481295        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22481442        22481570        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff exon    22484428        22491502        .       -
        .       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22457815        22458129        .       -
        0       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22460819        22461558        .       -
        2       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22463702        22464281        .       -
        0       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22466970        22467104        .       -
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SM_V9_6 Liftoff CDS     22470680        22470855        .       -
        2       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22471474        22472067        .       -
        2       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22473745        22474746        .       -
        2       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22477317        22477605        .       -
        0       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22481165        22481295        .       -
        2       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22481442        22481570        .       -
        2       Parent=Smp_127140.1
SM_V9_6 Liftoff CDS     22484428        22484503        .       -
        0       Parent=Smp_127140.1
SM_V9_6 Liftoff gene    22505526        22514875        .       +
        .       ID=Smp_127130;geneID=Smp_127130
SM_V9_6 Liftoff mRNA    22505526        22514875        .       +
        .
ID=Smp_127130.1;Parent=Smp_127130;geneID=Smp_127130;product=venom
allergen (val) protein;evidence=Traceable Author
Statement;polypeptide_domain=InterPro:IPR001283,IPR014044
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Pfam:PF00188
SM_V9_6 Liftoff exon    22505526        22505756        .       +
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SM_V9_6 Liftoff exon    22509713        22509855        .       +
        .       Parent=Smp_127130.1
SM_V9_6 Liftoff exon    22509907        22509997        .       +
        .       Parent=Smp_127130.1
SM_V9_6 Liftoff exon    22512751        22512854        .       +
        .       Parent=Smp_127130.1
SM_V9_6 Liftoff exon    22514643        22514875        .       +
        .       Parent=Smp_127130.1
SM_V9_6 Liftoff CDS     22505580        22505756        .       +
        0       Parent=Smp_127130.1
SM_V9_6 Liftoff CDS     22509713        22509855        .       +
        0       Parent=Smp_127130.1
SM_V9_6 Liftoff CDS     22509907        22509997        .       +
        1       Parent=Smp_127130.1
SM_V9_6 Liftoff CDS     22512751        22512854        .       +
        0       Parent=Smp_127130.1
SM_V9_6 Liftoff CDS     22514643        22514805        .       +
        1       Parent=Smp_127130.1
SM_V9_6 Liftoff gene    22528346        22560200        .       +
        .
ID=Smp_127120;geneID=Smp_127120;previous_systematic_id=Smp_182110
SM_V9_6 Liftoff mRNA    22528346        22560200        .       +
        .
ID=Smp_127120.1;Parent=Smp_127120;geneID=Smp_127120;product=ATP-
dependent RNA helicase
DBP4;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR01
4001,IPR014014,IPR025313,IPR027417
Pfam:PF00270,PF00271,PF13959;Ontology_term=GO:0003676,GO:0005524
SM_V9_6 Liftoff exon    22528346        22531432        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22531474        22531830        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22536495        22536733        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22538524        22538764        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22542162        22542327        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22546064        22546247        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22550242        22550474        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22552901        22553322        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22555484        22555573        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff exon    22557187        22560200        .       +
        .       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22531382        22531432        .       +
        0       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22531474        22531830        .       +
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        0       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22536495        22536733        .       +
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SM_V9_6 Liftoff CDS     22538524        22538764        .       +
        1       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22542162        22542327        .       +
        0       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22546064        22546247        .       +
        2       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22550242        22550474        .       +
        1       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22552901        22553322        .       +
        2       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22555484        22555573        .       +
        0       Parent=Smp_127120.1
SM_V9_6 Liftoff CDS     22557187        22557486        .       +
        0       Parent=Smp_127120.1
SM_V9_6 Liftoff gene    22568547        22573632        .       -
        .
ID=Smp_009340;geneID=Smp_009340;previous_systematic_id=Smp_115060
SM_V9_6 Liftoff mRNA    22568547        22573632        .       -
        .
ID=Smp_009340.1;Parent=Smp_009340;geneID=Smp_009340;product=KRR1
small subunit processome component
homolog;polypeptide_domain=InterPro:IPR004087,IPR004088,IPR024166;On
tology_term=GO:0003676,GO:0003723
SM_V9_6 Liftoff exon    22568547        22568866        .       -
        .       Parent=Smp_009340.1
SM_V9_6 Liftoff exon    22569958        22570134        .       -
        .       Parent=Smp_009340.1
SM_V9_6 Liftoff exon    22572017        22572355        .       -
        .       Parent=Smp_009340.1
SM_V9_6 Liftoff exon    22573148        22573338        .       -
        .       Parent=Smp_009340.1
SM_V9_6 Liftoff exon    22573379        22573632        .       -
        .       Parent=Smp_009340.1
SM_V9_6 Liftoff CDS     22568606        22568866        .       -
        0       Parent=Smp_009340.1
SM_V9_6 Liftoff CDS     22569958        22570134        .       -
        0       Parent=Smp_009340.1
SM_V9_6 Liftoff CDS     22572017        22572355        .       -
        0       Parent=Smp_009340.1
SM_V9_6 Liftoff CDS     22573148        22573338        .       -
        2       Parent=Smp_009340.1
SM_V9_6 Liftoff CDS     22573379        22573460        .       -
        0       Parent=Smp_009340.1
SM_V9_6 iris    gene    22586050        22611012        .       -
        .
ID=Smp_127110;geneID=Smp_127110;gene_name=Smp_127110;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_6 iris    mRNA    22586050        22610992        .       -
        .
ID=Smp_127110.1;Parent=Smp_127110;geneID=Smp_127110;gene_name=Smp_12
7110;owner=irisadmin@local.host;orig_id=Smp_127110.1;date_last_modif
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ied=2022-08-14;Name=Smp_127110.1;product=Arginyl-tRNA--protein
transferase 1;date_creation=2022-08-14
SM_V9_6 iris    exon    22586050        22588907        .       -
        .       Parent=Smp_127110.1;Name=aadf68d9-
f074-44ea-993f-6c2484fab399
SM_V9_6 iris    exon    22597537        22597721        .       -
        .       Parent=Smp_127110.1;Name=1be9ea96-cad7-444c-
b042-46c8072fd6fc
SM_V9_6 iris    exon    22600844        22601011        .       -
        .       Parent=Smp_127110.1;Name=681b6faf-fa49-4c9c-aed4-
ec0bf2e1391d
SM_V9_6 iris    exon    22604777        22604884        .       -
        .       Parent=Smp_127110.1;Name=b65b9490-5e57-46ee-
aaec-8b66e1f3b440
SM_V9_6 iris    exon    22606255        22606568        .       -
        .       Parent=Smp_127110.1;Name=686072a0-
b814-42f5-98fd-49c9d716fe6f
SM_V9_6 iris    exon    22607393        22607652        .       -
        .       Parent=Smp_127110.1;Name=3c9e7653-b70e-491e-987b-
a111f584d51c
SM_V9_6 iris    exon    22607693        22607756        .       -
        .       Parent=Smp_127110.1;Name=03c5e062-0a23-4433-
b2c6-1fa8be27e5aa
SM_V9_6 iris    exon    22607813        22607921        .       -
        .       Parent=Smp_127110.1;Name=a37e574d-b70b-41ec-9121-
fa34cf81a1f2
SM_V9_6 iris    exon    22610874        22610992        .       -
        .       Parent=Smp_127110.1;Name=91ffec74-1d96-4f05-b864-
bdb2fc7037fc
SM_V9_6 iris    CDS     22588319        22588907        .       -
        1       Parent=Smp_127110.1
SM_V9_6 iris    CDS     22597537        22597721        .       -
        0       Parent=Smp_127110.1
SM_V9_6 iris    CDS     22600844        22601011        .       -
        0       Parent=Smp_127110.1
SM_V9_6 iris    CDS     22604777        22604884        .       -
        0       Parent=Smp_127110.1
SM_V9_6 iris    CDS     22606255        22606568        .       -
        2       Parent=Smp_127110.1
SM_V9_6 iris    CDS     22607393        22607652        .       -
        1       Parent=Smp_127110.1
SM_V9_6 iris    CDS     22607693        22607756        .       -
        2       Parent=Smp_127110.1
SM_V9_6 iris    CDS     22607813        22607918        .       -
        0       Parent=Smp_127110.1
SM_V9_6 iris    mRNA    22592190        22611012        .       -
        .
ID=Smp_127110.2;Parent=Smp_127110;geneID=Smp_127110;gene_name=Smp_12
7110;owner=irisadmin@local.host;orig_id=Smp_127110.2;date_last_modif
ied=2022-08-14;Name=Smp_127110.2;product=Arginyl-tRNA--protein
transferase 1;date_creation=2022-08-14
SM_V9_6 iris    exon    22592190        22592329        .       -
        .       Parent=Smp_127110.2;Name=6f6ed02a-e1a5-4b7c-
ae3c-966b096fc0a3
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SM_V9_6 iris    exon    22597537        22597721        .       -
        .
Parent=Smp_127110.2;Name=a5b10701-7912-4a94-9f77-8e8bcfe2f37d
SM_V9_6 iris    exon    22600844        22601011        .       -
        .       Parent=Smp_127110.2;Name=ce4b09cb-
e9b4-4434-92e0-743e478aa5f8
SM_V9_6 iris    exon    22604777        22604884        .       -
        .       Parent=Smp_127110.2;Name=f870ca4f-f4d2-45fd-9170-
ba7780642068
SM_V9_6 iris    exon    22606255        22606568        .       -
        .       Parent=Smp_127110.2;Name=8895e42e-6be4-42a6-
ab87-177c874dfc3c
SM_V9_6 iris    exon    22607393        22607652        .       -
        .
Parent=Smp_127110.2;Name=a37bb0f3-856b-480e-9212-351dd388a24f
SM_V9_6 iris    exon    22607693        22607756        .       -
        .       Parent=Smp_127110.2;Name=7e922f23-bca4-4c56-
ac62-7a1cba2d5721
SM_V9_6 iris    exon    22607813        22607921        .       -
        .
Parent=Smp_127110.2;Name=47451cb7-42b3-4949-9c80-9c9fb7ffcdb0
SM_V9_6 iris    exon    22610874        22611012        .       -
        .       Parent=Smp_127110.2;Name=8801089b-288e-4390-
b429-9bbe35f5d6ea
SM_V9_6 iris    CDS     22592275        22592329        .       -
        1       Parent=Smp_127110.2
SM_V9_6 iris    CDS     22597537        22597721        .       -
        0       Parent=Smp_127110.2
SM_V9_6 iris    CDS     22600844        22601011        .       -
        0       Parent=Smp_127110.2
SM_V9_6 iris    CDS     22604777        22604884        .       -
        0       Parent=Smp_127110.2
SM_V9_6 iris    CDS     22606255        22606568        .       -
        2       Parent=Smp_127110.2
SM_V9_6 iris    CDS     22607393        22607652        .       -
        1       Parent=Smp_127110.2
SM_V9_6 iris    CDS     22607693        22607756        .       -
        2       Parent=Smp_127110.2
SM_V9_6 iris    CDS     22607813        22607918        .       -
        0       Parent=Smp_127110.2
SM_V9_6 Liftoff gene    22622770        22627463        .       +
        .       ID=Smp_009320;geneID=Smp_009320
SM_V9_6 Liftoff mRNA    22622770        22627463        .       +
        .
ID=Smp_009320.1;Parent=Smp_009320;geneID=Smp_009320;product=Elongin-
C;polypeptide_domain=InterPro:IPR001232,IPR011333,IPR016073
Pfam:PF03931;Ontology_term=GO:0006511
SM_V9_6 Liftoff exon    22622770        22622968        .       +
        .       Parent=Smp_009320.1
SM_V9_6 Liftoff exon    22626846        22627463        .       +
        .       Parent=Smp_009320.1
SM_V9_6 Liftoff CDS     22622803        22622968        .       +
        0       Parent=Smp_009320.1
SM_V9_6 Liftoff CDS     22626846        22627036        .       +
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        2       Parent=Smp_009320.1
SM_V9_6 Liftoff gene    22659128        22660984        .       -
        .       ID=Smp_009310;geneID=Smp_009310
SM_V9_6 Liftoff mRNA    22659128        22660984        .       -
        .
ID=Smp_009310.1;Parent=Smp_009310;geneID=Smp_009310;product=RGG
repeats nuclear RNA binding protein
B;polypeptide_domain=InterPro:IPR006861 Pfam:PF04774
SM_V9_6 Liftoff exon    22659128        22659677        .       -
        .       Parent=Smp_009310.1
SM_V9_6 Liftoff exon    22659719        22660112        .       -
        .       Parent=Smp_009310.1
SM_V9_6 Liftoff exon    22660242        22660364        .       -
        .       Parent=Smp_009310.1
SM_V9_6 Liftoff exon    22660400        22660631        .       -
        .       Parent=Smp_009310.1
SM_V9_6 Liftoff exon    22660663        22660984        .       -
        .       Parent=Smp_009310.1
SM_V9_6 Liftoff CDS     22659411        22659677        .       -
        0       Parent=Smp_009310.1
SM_V9_6 Liftoff CDS     22659719        22660112        .       -
        1       Parent=Smp_009310.1
SM_V9_6 Liftoff CDS     22660242        22660364        .       -
        1       Parent=Smp_009310.1
SM_V9_6 Liftoff CDS     22660400        22660631        .       -
        2       Parent=Smp_009310.1
SM_V9_6 Liftoff CDS     22660663        22660900        .       -
        0       Parent=Smp_009310.1
SM_V9_6 iris    gene    22688469        22705690        .       +
        .
ID=Smp_332780;geneID=Smp_332780;gene_name=Smp_332780;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_6 iris    mRNA    22688469        22705690        .       +
        .
ID=Smp_332780.1;Parent=Smp_332780;geneID=Smp_332780;gene_name=Smp_33
2780;owner=irisadmin@local.host;orig_id=Smp_332780.1;date_last_modif
ied=2022-08-14;Name=Smp_332780.1;product=Hypothetical
protein;date_creation=2022-08-14
SM_V9_6 iris    exon    22688469        22689182        .       +
        .       Parent=Smp_332780.1;Name=41cb185a-e5e3-4701-ba0c-
e5b454c5a16f
SM_V9_6 iris    exon    22696209        22696858        .       +
        .
Parent=Smp_332780.1;Name=04fc299d-0641-4d38-9859-71b42f3938b2
SM_V9_6 iris    exon    22704903        22705690        .       +
        .       Parent=Smp_332780.1;Name=9b1c7769-307e-4b15-b228-
f3fe9b482af0
SM_V9_6 iris    CDS     22688646        22689182        .       +
        0       Parent=Smp_332780.1
SM_V9_6 iris    CDS     22696209        22696858        .       +
        0       Parent=Smp_332780.1
SM_V9_6 iris    CDS     22704903        22705623        .       +
        1       Parent=Smp_332780.1
SM_V9_6 iris    gene    22712837        22729977        .       -
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ID=Smp_300370;geneID=Smp_300370;gene_name=Smp_300370;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    22712837        22729977        .       -
        .
ID=Smp_300370.1;Parent=Smp_300370;geneID=Smp_300370;gene_name=Smp_30
0370;owner=irisadmin@local.host;orig_id=Smp_300370.1;date_last_modif
ied=2022-07-19;Name=Smp_300370.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_6 iris    exon    22712837        22713624        .       -
        .       Parent=Smp_300370.1;Name=fb772a5b-c6d5-4b92-
ae21-246ea23fcc97
SM_V9_6 iris    exon    22721672        22722321        .       -
        .       Parent=Smp_300370.1;Name=d1c66f06-426c-48b4-a9ea-
e99c341b4e23
SM_V9_6 iris    exon    22729346        22729977        .       -
        .
Parent=Smp_300370.1;Name=00fd939e-7432-4c90-896f-436176b9d8a9
SM_V9_6 iris    CDS     22712904        22713624        .       -
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SM_V9_6 iris    CDS     22721672        22722321        .       -
        0       Parent=Smp_300370.1
SM_V9_6 iris    CDS     22729346        22729882        .       -
        0       Parent=Smp_300370.1
SM_V9_6 iris    gene    22744253        22759812        .       -
        .
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SM_V9_6 iris    mRNA    22744253        22759812        .       -
        .
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ied=2022-07-19;Name=Smp_300380.1;product=YrdC domain-containing
protein, mitochondrial;date_creation=2022-07-19
SM_V9_6 iris    exon    22744253        22744842        .       -
        .       Parent=Smp_300380.1;Name=368c1150-c6a3-42d1-bca6-
c57e4c850ff9
SM_V9_6 iris    exon    22747306        22747466        .       -
        .       Parent=Smp_300380.1;Name=7043499e-c4d1-4c55-930e-
e0c931421417
SM_V9_6 iris    exon    22753067        22753429        .       -
        .       Parent=Smp_300380.1;Name=2ba0b67d-6c41-4335-
b35a-1686a79337e3
SM_V9_6 iris    exon    22754748        22754926        .       -
        .
Parent=Smp_300380.1;Name=f02ba7bf-52a5-4ee9-8499-942c02cb7e33
SM_V9_6 iris    exon    22757634        22757761        .       -
        .       Parent=Smp_300380.1;Name=ba12abbb-d91a-44cd-bf74-
e1aec3c68c73
SM_V9_6 iris    exon    22759731        22759812        .       -
        .       Parent=Smp_300380.1;Name=3a5e3676-27a4-4a4f-a9bd-
c62b0412fa76
SM_V9_6 iris    CDS     22744761        22744842        .       -
        1       Parent=Smp_300380.1
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SM_V9_6 iris    CDS     22747306        22747466        .       -
        0       Parent=Smp_300380.1
SM_V9_6 iris    CDS     22753067        22753429        .       -
        0       Parent=Smp_300380.1
SM_V9_6 iris    CDS     22754748        22754926        .       -
        2       Parent=Smp_300380.1
SM_V9_6 iris    CDS     22757634        22757712        .       -
        0       Parent=Smp_300380.1
SM_V9_6 iris    mRNA    22744253        22759812        .       -
        .
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ied=2022-07-19;Name=Smp_300380.2;product=YrdC domain-containing
protein, mitochondrial;date_creation=2022-07-19
SM_V9_6 iris    exon    22744253        22744842        .       -
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SM_V9_6 iris    exon    22747306        22747466        .       -
        .
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SM_V9_6 iris    exon    22754748        22754926        .       -
        .       Parent=Smp_300380.2;Name=4a2f1069-fa9a-453e-b353-
d9b14b17b1c6
SM_V9_6 iris    exon    22757634        22757761        .       -
        .       Parent=Smp_300380.2;Name=3b0cd7d6-15a7-42f6-829c-
bccfdd46d058
SM_V9_6 iris    exon    22759731        22759812        .       -
        .
Parent=Smp_300380.2;Name=37d0f166-18a9-41bf-9745-5e99e2e68b48
SM_V9_6 iris    CDS     22744761        22744842        .       -
        1       Parent=Smp_300380.2
SM_V9_6 iris    CDS     22747306        22747466        .       -
        0       Parent=Smp_300380.2
SM_V9_6 iris    CDS     22754748        22754926        .       -
        2       Parent=Smp_300380.2
SM_V9_6 iris    CDS     22757634        22757712        .       -
        0       Parent=Smp_300380.2
SM_V9_6 iris    gene    22763956        22779146        .       +
        .
ID=Smp_300390;geneID=Smp_300390;gene_name=Smp_300390;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    22763956        22779146        .       +
        .
ID=Smp_300390.1;Parent=Smp_300390;geneID=Smp_300390;gene_name=Smp_30
0390;owner=irisadmin@local.host;orig_id=Smp_300390.1;date_last_modif
ied=2022-07-19;Name=Smp_300390.1;product=YrdC domain-containing
protein, mitochondrial;date_creation=2022-07-19
SM_V9_6 iris    exon    22763956        22763990        .       +
        .       Parent=Smp_300390.1;Name=57632f54-e7b1-4e35-ae88-
ae853e3c0189
SM_V9_6 iris    exon    22765960        22766087        .       +
        .       Parent=Smp_300390.1;Name=c1b3f46b-ddeb-4770-9af3-
c93f4bbe72b9
SM_V9_6 iris    exon    22768795        22768973        .       +
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        .       Parent=Smp_300390.1;Name=1f3f56c2-2517-4af7-
a645-85fd66c8823e
SM_V9_6 iris    exon    22770292        22770654        .       +
        .       Parent=Smp_300390.1;Name=9b6977dd-fd43-43b3-
b876-853785634ab2
SM_V9_6 iris    exon    22776255        22776415        .       +
        .
Parent=Smp_300390.1;Name=0dc34b7c-1225-4f3a-9db7-0c078e9cf866
SM_V9_6 iris    exon    22778879        22779146        .       +
        .       Parent=Smp_300390.1;Name=2468f3ee-c33e-46ba-a311-
aedad74696a3
SM_V9_6 iris    CDS     22766009        22766087        .       +
        0       Parent=Smp_300390.1
SM_V9_6 iris    CDS     22768795        22768973        .       +
        2       Parent=Smp_300390.1
SM_V9_6 iris    CDS     22770292        22770654        .       +
        0       Parent=Smp_300390.1
SM_V9_6 iris    CDS     22776255        22776415        .       +
        0       Parent=Smp_300390.1
SM_V9_6 iris    CDS     22778879        22778960        .       +
        1       Parent=Smp_300390.1
SM_V9_6 iris    mRNA    22763956        22779146        .       +
        .
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protein, mitochondrial;date_creation=2022-07-19
SM_V9_6 iris    exon    22763956        22763990        .       +
        .
Parent=Smp_300390.2;Name=4170e250-1d7f-4e0c-90e5-23c3e3a00d34
SM_V9_6 iris    exon    22765960        22766087        .       +
        .
Parent=Smp_300390.2;Name=0db8b0cd-470c-4aba-8f53-841503330414
SM_V9_6 iris    exon    22768795        22768973        .       +
        .
Parent=Smp_300390.2;Name=07d6a820-4737-46c1-9140-121e086f2c18
SM_V9_6 iris    exon    22770292        22770654        .       +
        .       Parent=Smp_300390.2;Name=9b1c83ae-7e87-4bd3-907a-
b360f186b162
SM_V9_6 iris    exon    22772632        22772959        .       +
        .       Parent=Smp_300390.2;Name=d4edb51f-9d28-4f49-94ef-
dcb8d09d0d09
SM_V9_6 iris    exon    22776255        22776415        .       +
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Parent=Smp_300390.2;Name=c85146ad-384e-416a-8c66-24602cadb822
SM_V9_6 iris    exon    22778879        22779146        .       +
        .       Parent=Smp_300390.2;Name=dd462ed0-b859-4ec2-8ed4-
ec00003bc497
SM_V9_6 iris    CDS     22766009        22766087        .       +
        0       Parent=Smp_300390.2
SM_V9_6 iris    CDS     22768795        22768973        .       +
        2       Parent=Smp_300390.2
SM_V9_6 iris    CDS     22770292        22770654        .       +
        0       Parent=Smp_300390.2
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SM_V9_6 iris    CDS     22772632        22772745        .       +
        0       Parent=Smp_300390.2
SM_V9_6 Liftoff gene    22791666        22806925        .       +
        .
ID=Smp_342300;geneID=Smp_342300;previous_systematic_id=Smp_127090
SM_V9_6 Liftoff mRNA    22791666        22806925        .       +
        .
ID=Smp_342300.1;Parent=Smp_342300;geneID=Smp_342300;product=Forkhead
box protein
L1;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR030456
Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_6 Liftoff exon    22791666        22792476        .       +
        .       Parent=Smp_342300.1
SM_V9_6 Liftoff exon    22797250        22797414        .       +
        .       Parent=Smp_342300.1
SM_V9_6 Liftoff exon    22797942        22798042        .       +
        .       Parent=Smp_342300.1
SM_V9_6 Liftoff exon    22799183        22806925        .       +
        .       Parent=Smp_342300.1
SM_V9_6 Liftoff CDS     22791843        22792476        .       +
        0       Parent=Smp_342300.1
SM_V9_6 Liftoff CDS     22797250        22797414        .       +
        2       Parent=Smp_342300.1
SM_V9_6 Liftoff CDS     22797942        22798042        .       +
        2       Parent=Smp_342300.1
SM_V9_6 Liftoff CDS     22799183        22799332        .       +
        0       Parent=Smp_342300.1
SM_V9_6 Liftoff gene    22810977        22818382        .       -
        .       ID=Smp_317700;geneID=Smp_317700
SM_V9_6 Liftoff mRNA    22810977        22818382        .       -
        .
ID=Smp_317700.1;Parent=Smp_317700;geneID=Smp_317700;product=Fork
head domain-containing protein
FD4;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR030456
Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_6 Liftoff exon    22810977        22812381        .       -
        .       Parent=Smp_317700.1
SM_V9_6 Liftoff exon    22812909        22813073        .       -
        .       Parent=Smp_317700.1
SM_V9_6 Liftoff exon    22817848        22818382        .       -
        .       Parent=Smp_317700.1
SM_V9_6 Liftoff CDS     22811027        22812381        .       -
        2       Parent=Smp_317700.1
SM_V9_6 Liftoff CDS     22812909        22813073        .       -
        2       Parent=Smp_317700.1
SM_V9_6 Liftoff CDS     22817848        22818331        .       -
        0       Parent=Smp_317700.1
SM_V9_6 iris    gene    22846803        22865283        .       -
        .
ID=Smp_127080;geneID=Smp_127080;gene_name=Smp_127080;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_6 iris    mRNA    22846803        22865283        .       -
        .
ID=Smp_127080.1;Parent=Smp_127080;geneID=Smp_127080;gene_name=Smp_12
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7080;owner=irisadmin@local.host;orig_id=Smp_127080.1;date_last_modif
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SM_V9_6 iris    exon    22846803        22848180        .       -
        .       Parent=Smp_127080.1;Name=26ed03ca-401e-4d94-bc05-
a0928c8f95e7
SM_V9_6 iris    exon    22850620        22851075        .       -
        .       Parent=Smp_127080.1;Name=f1a614dc-9855-46da-8625-
d9e1d29953a5
SM_V9_6 iris    exon    22852343        22852820        .       -
        .       Parent=Smp_127080.1;Name=cc8d0fb2-9323-49ef-9059-
fc9be9c24f36
SM_V9_6 iris    exon    22854798        22855377        .       -
        .       Parent=Smp_127080.1;Name=dbea1d46-5720-4edb-ac23-
d08a2f9ff460
SM_V9_6 iris    exon    22856821        22857142        .       -
        .       Parent=Smp_127080.1;Name=eb63a3ba-d647-401a-aa39-
c66ddedbaf00
SM_V9_6 iris    exon    22858589        22858906        .       -
        .       Parent=Smp_127080.1;Name=9ede6457-60cf-4d20-807d-
dff3091cd705
SM_V9_6 iris    exon    22864501        22864662        .       -
        .       Parent=Smp_127080.1;Name=ab8ea94a-802e-4623-
b689-85b126dbd37c
SM_V9_6 iris    exon    22864694        22864779        .       -
        .
Parent=Smp_127080.1;Name=9dc2d4f6-08e6-4cf8-8523-7b7238f1bf02
SM_V9_6 iris    exon    22864810        22864903        .       -
        .       Parent=Smp_127080.1;Name=bf85f911-19a1-4d0b-a5a0-
fe8afff8ec77
SM_V9_6 iris    exon    22864933        22865030        .       -
        .
Parent=Smp_127080.1;Name=49585403-43b9-41eb-9e20-78fecbca3792
SM_V9_6 iris    exon    22865063        22865283        .       -
        .       Parent=Smp_127080.1;Name=ce7e8332-
cee5-4c39-915b-93dd64747510
SM_V9_6 iris    CDS     22847661        22848180        .       -
        1       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22850620        22851075        .       -
        1       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22852343        22852820        .       -
        2       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22854798        22855377        .       -
        0       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22856821        22857142        .       -
        1       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22858589        22858906        .       -
        1       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22864501        22864662        .       -
        1       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22864694        22864779        .       -
        0       Parent=Smp_127080.1
SM_V9_6 iris    CDS     22864810        22864903        .       -
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SM_V9_6 iris    CDS     22864933        22865030        .       -
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SM_V9_6 iris    gene    22872010        22901853        .       +
        .
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SM_V9_6 iris    mRNA    22872010        22901853        .       +
        .
ID=Smp_307070.1;Parent=Smp_307070;geneID=Smp_307070;gene_name=Smp_30
7070;owner=irisadmin@local.host;orig_id=Smp_307070.1;date_last_modif
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subunit 3;date_creation=2022-07-19
SM_V9_6 iris    exon    22872010        22872086        .       +
        .       Parent=Smp_307070.1;Name=fbe57d47-e4e1-4014-
b4b7-4109ed58cd6f
SM_V9_6 iris    exon    22872126        22872156        .       +
        .       Parent=Smp_307070.1;Name=b9ad30c2-9634-4e51-
b917-03ecfdfd63ca
SM_V9_6 iris    exon    22872207        22872280        .       +
        .       Parent=Smp_307070.1;Name=e432276c-c861-4d42-a368-
bb3f8ae136fb
SM_V9_6 iris    exon    22872317        22872715        .       +
        .       Parent=Smp_307070.1;Name=a5e12cd0-27d7-452a-b87a-
ee1c062f6643
SM_V9_6 iris    exon    22874515        22874577        .       +
        .       Parent=Smp_307070.1;Name=4e678183-a4d2-435d-
ae39-9b491f82607d
SM_V9_6 iris    exon    22876841        22876898        .       +
        .
Parent=Smp_307070.1;Name=da227d1e-6820-401b-9595-8b250f7a430b
SM_V9_6 iris    exon    22876984        22877495        .       +
        .       Parent=Smp_307070.1;Name=19ddc992-80d3-4ce2-9679-
babc64538def
SM_V9_6 iris    exon    22883953        22884063        .       +
        .       Parent=Smp_307070.1;Name=d0188976-ea00-4080-
bfe9-582f75d8ac58
SM_V9_6 iris    exon    22885267        22885662        .       +
        .       Parent=Smp_307070.1;Name=83f6e5b8-c014-48a8-86b4-
c5a5bbb3cac6
SM_V9_6 iris    exon    22886842        22886921        .       +
        .       Parent=Smp_307070.1;Name=b709519a-097e-4a7e-
bec6-737cdb003f3b
SM_V9_6 iris    exon    22887853        22888055        .       +
        .       Parent=Smp_307070.1;Name=20a9a69d-310b-4c76-
a89e-64119cceb6ca
SM_V9_6 iris    exon    22890946        22891112        .       +
        .       Parent=Smp_307070.1;Name=5a88c281-8e77-448a-8c74-
d84b07c47e29
SM_V9_6 iris    exon    22894344        22894688        .       +
        .       Parent=Smp_307070.1;Name=3935de30-
d5c3-4a05-8b51-2614393fb185
SM_V9_6 iris    exon    22897494        22897613        .       +
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        .       Parent=Smp_307070.1;Name=92800435-97d2-40d8-
afb9-3cd0ea91eb4a
SM_V9_6 iris    exon    22900480        22900541        .       +
        .       Parent=Smp_307070.1;Name=92046b2c-1297-478c-
b12a-1ec48b93cc84
SM_V9_6 iris    exon    22901500        22901853        .       +
        .       Parent=Smp_307070.1;Name=cc00263b-86dd-44ed-
a1ec-1dff66c8a6b7
SM_V9_6 iris    CDS     22872081        22872086        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22872126        22872156        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22872207        22872280        .       +
        2       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22872317        22872715        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22874515        22874577        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22876841        22876898        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22876984        22877495        .       +
        2       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22883953        22884063        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22885267        22885662        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22886842        22886921        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22887853        22888055        .       +
        1       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22890946        22891112        .       +
        2       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22894344        22894688        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22897494        22897613        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22900480        22900541        .       +
        0       Parent=Smp_307070.1
SM_V9_6 iris    CDS     22901500        22901611        .       +
        1       Parent=Smp_307070.1
SM_V9_6 iris    gene    23000116        23013186        .       +
        .
ID=Smp_009250;geneID=Smp_009250;gene_name=Smp_009250;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_6 iris    mRNA    23000116        23013186        .       +
        .
ID=Smp_009250.1;Parent=Smp_009250;geneID=Smp_009250;gene_name=Smp_00
9250;owner=irisadmin@local.host;orig_id=Smp_009250.1;date_last_modif
ied=2022-08-29;Name=Smp_009250.1;product=Hypothetical
protein;date_creation=2022-08-29
SM_V9_6 iris    exon    23000116        23000232        .       +
        .       Parent=Smp_009250.1;Name=22d755f0-
e7fa-45f2-9393-5f69ce31f20b
SM_V9_6 iris    exon    23001617        23001850        .       +
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        .       Parent=Smp_009250.1;Name=af1b8b67-4249-408f-
a284-18daafd01ab9
SM_V9_6 iris    exon    23001910        23002417        .       +
        .       Parent=Smp_009250.1;Name=7b7ffcd7-95df-44be-
bd30-04620d238f2d
SM_V9_6 iris    exon    23003930        23004119        .       +
        .
Parent=Smp_009250.1;Name=b3ebf788-461b-4427-8d2b-6a03e5e38ae6
SM_V9_6 iris    exon    23007026        23007111        .       +
        .       Parent=Smp_009250.1;Name=f98f41ec-9766-4e5d-
a3cf-9943bbe920fc
SM_V9_6 iris    exon    23007681        23008079        .       +
        .       Parent=Smp_009250.1;Name=e6fce542-2ab5-4784-9cf5-
e0226e0c4e3a
SM_V9_6 iris    exon    23010051        23010457        .       +
        .       Parent=Smp_009250.1;Name=4989aa06-a0b0-4973-aaa8-
c56dd4dd8a45
SM_V9_6 iris    exon    23012413        23013186        .       +
        .       Parent=Smp_009250.1;Name=90ccebdb-462f-4c0f-
bf06-8c23396b0ff6
SM_V9_6 iris    CDS     23001636        23001850        .       +
        0       Parent=Smp_009250.1
SM_V9_6 iris    CDS     23001910        23002417        .       +
        1       Parent=Smp_009250.1
SM_V9_6 iris    CDS     23003930        23004119        .       +
        0       Parent=Smp_009250.1
SM_V9_6 iris    CDS     23007026        23007111        .       +
        2       Parent=Smp_009250.1
SM_V9_6 iris    CDS     23007681        23008079        .       +
        0       Parent=Smp_009250.1
SM_V9_6 iris    CDS     23010051        23010457        .       +
        0       Parent=Smp_009250.1
SM_V9_6 iris    CDS     23012413        23012665        .       +
        1       Parent=Smp_009250.1
SM_V9_6 Liftoff gene    23032151        23091766        .       -
        .       ID=Smp_127060;geneID=Smp_127060
SM_V9_6 Liftoff mRNA    23032151        23091766        .       -
        .
ID=Smp_127060.1;Parent=Smp_127060;geneID=Smp_127060;product=Serine/
threonine-protein kinase
NIM1;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01
7441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_6 Liftoff exon    23032151        23032638        .       -
        .       Parent=Smp_127060.1
SM_V9_6 Liftoff exon    23035048        23035454        .       -
        .       Parent=Smp_127060.1
SM_V9_6 Liftoff exon    23036227        23036584        .       -
        .       Parent=Smp_127060.1
SM_V9_6 Liftoff exon    23039572        23039707        .       -
        .       Parent=Smp_127060.1
SM_V9_6 Liftoff exon    23048455        23048842        .       -
        .       Parent=Smp_127060.1
SM_V9_6 Liftoff exon    23054298        23054444        .       -
        .       Parent=Smp_127060.1
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SM_V9_6 Liftoff exon    23072794        23072915        .       -
        .       Parent=Smp_127060.1
SM_V9_6 Liftoff exon    23090455        23091766        .       -
        .       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23032338        23032638        .       -
        1       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23035048        23035454        .       -
        0       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23036227        23036584        .       -
        1       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23039572        23039707        .       -
        2       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23048455        23048842        .       -
        0       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23054298        23054444        .       -
        0       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23072794        23072915        .       -
        2       Parent=Smp_127060.1
SM_V9_6 Liftoff CDS     23090455        23091457        .       -
        0       Parent=Smp_127060.1
SM_V9_6 Liftoff gene    23101662        23102219        .       +
        .       ID=Smp_009230;geneID=Smp_009230
SM_V9_6 Liftoff mRNA    23101662        23102219        .       +
        .
ID=Smp_009230.1;Parent=Smp_009230;geneID=Smp_009230;product=E3
ubiquitin-protein ligase UBR4
SM_V9_6 Liftoff exon    23101662        23101806        .       +
        .       Parent=Smp_009230.1
SM_V9_6 Liftoff exon    23101902        23102219        .       +
        .       Parent=Smp_009230.1
SM_V9_6 Liftoff CDS     23101746        23101806        .       +
        0       Parent=Smp_009230.1
SM_V9_6 Liftoff CDS     23101902        23102071        .       +
        2       Parent=Smp_009230.1
SM_V9_6 Liftoff gene    23118282        23118843        .       +
        .       ID=Smp_317720;geneID=Smp_317720
SM_V9_6 Liftoff mRNA    23118282        23118843        .       +
        .
ID=Smp_317720.1;Parent=Smp_317720;geneID=Smp_317720;product=E3
ubiquitin-protein ligase UBR4
SM_V9_6 Liftoff exon    23118282        23118430        .       +
        .       Parent=Smp_317720.1
SM_V9_6 Liftoff exon    23118526        23118843        .       +
        .       Parent=Smp_317720.1
SM_V9_6 Liftoff CDS     23118370        23118430        .       +
        0       Parent=Smp_317720.1
SM_V9_6 Liftoff CDS     23118526        23118695        .       +
        2       Parent=Smp_317720.1
SM_V9_6 Liftoff gene    23138012        23138576        .       +
        .       ID=Smp_317730;geneID=Smp_317730
SM_V9_6 Liftoff mRNA    23138012        23138576        .       +
        .
ID=Smp_317730.1;Parent=Smp_317730;geneID=Smp_317730;product=GDSL
esterase/lipase At1g58430
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SM_V9_6 Liftoff exon    23138012        23138162        .       +
        .       Parent=Smp_317730.1
SM_V9_6 Liftoff exon    23138258        23138576        .       +
        .       Parent=Smp_317730.1
SM_V9_6 Liftoff CDS     23138102        23138162        .       +
        0       Parent=Smp_317730.1
SM_V9_6 Liftoff CDS     23138258        23138436        .       +
        2       Parent=Smp_317730.1
SM_V9_6 Liftoff gene    23155402        23155828        .       +
        .       ID=Smp_203090;geneID=Smp_203090
SM_V9_6 Liftoff mRNA    23155402        23155828        .       +
        .
ID=Smp_203090.1;Parent=Smp_203090;geneID=Smp_203090;product=3-deoxy-
manno-octulosonate cytidylyltransferase
SM_V9_6 Liftoff exon    23155402        23155536        .       +
        .       Parent=Smp_203090.1
SM_V9_6 Liftoff exon    23155632        23155828        .       +
        .       Parent=Smp_203090.1
SM_V9_6 Liftoff CDS     23155440        23155536        .       +
        0       Parent=Smp_203090.1
SM_V9_6 Liftoff CDS     23155632        23155747        .       +
        2       Parent=Smp_203090.1
SM_V9_6 Liftoff gene    23187852        23188416        .       +
        .       ID=Smp_317740;geneID=Smp_317740
SM_V9_6 Liftoff mRNA    23187852        23188416        .       +
        .
ID=Smp_317740.1;Parent=Smp_317740;geneID=Smp_317740;product=Autophag
y-related protein 22
SM_V9_6 Liftoff exon    23187852        23187998        .       +
        .       Parent=Smp_317740.1
SM_V9_6 Liftoff exon    23188094        23188416        .       +
        .       Parent=Smp_317740.1
SM_V9_6 Liftoff CDS     23187962        23187998        .       +
        0       Parent=Smp_317740.1
SM_V9_6 Liftoff CDS     23188094        23188263        .       +
        2       Parent=Smp_317740.1
SM_V9_6 iris    gene    23234300        23236341        .       +
        .
ID=Smp_191670;geneID=Smp_191670;gene_name=Smp_191670;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_6 iris    mRNA    23234300        23236341        .       +
        .
ID=Smp_191670.1;Parent=Smp_191670;geneID=Smp_191670;gene_name=Smp_19
1670;owner=irisadmin@local.host;orig_id=Smp_191670.1;date_last_modif
ied=2022-08-14;Name=Smp_191670.1;product=Phospholipid-transporting
ATPase IB;date_creation=2022-08-14
SM_V9_6 iris    exon    23234300        23235913        .       +
        .       Parent=Smp_191670.1;Name=66837c24-
e1f4-414c-96a9-344b48d0e98a
SM_V9_6 iris    exon    23236009        23236341        .       +
        .       Parent=Smp_191670.1;Name=b0407504-a0fc-4967-
bd64-53f0ad7eaebe
SM_V9_6 iris    CDS     23235829        23235913        .       +
        0       Parent=Smp_191670.1
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SM_V9_6 iris    CDS     23236009        23236178        .       +
        2       Parent=Smp_191670.1
SM_V9_6 Liftoff gene    23277957        23278498        .       -
        .       ID=Smp_317750;geneID=Smp_317750
SM_V9_6 Liftoff mRNA    23277957        23278498        .       -
        .
ID=Smp_317750.1;Parent=Smp_317750;geneID=Smp_317750;product=Trigger
factor
SM_V9_6 Liftoff exon    23277957        23278249        .       -
        .       Parent=Smp_317750.1
SM_V9_6 Liftoff exon    23278346        23278498        .       -
        .       Parent=Smp_317750.1
SM_V9_6 Liftoff CDS     23278080        23278249        .       -
        2       Parent=Smp_317750.1
SM_V9_6 Liftoff CDS     23278346        23278382        .       -
        0       Parent=Smp_317750.1
SM_V9_6 Liftoff gene    23296802        23309259        .       +
        .       ID=Smp_317760;geneID=Smp_317760
SM_V9_6 Liftoff mRNA    23296802        23309259        .       +
        .
ID=Smp_317760.1;Parent=Smp_317760;geneID=Smp_317760;product=Spermato
genesis associated 6-like
protein;polypeptide_domain=InterPro:IPR032732 Pfam:PF14909
SM_V9_6 Liftoff exon    23296802        23296898        .       +
        .       Parent=Smp_317760.1
SM_V9_6 Liftoff exon    23296937        23297123        .       +
        .       Parent=Smp_317760.1
SM_V9_6 Liftoff exon    23297156        23297325        .       +
        .       Parent=Smp_317760.1
SM_V9_6 Liftoff exon    23301324        23301404        .       +
        .       Parent=Smp_317760.1
SM_V9_6 Liftoff exon    23305054        23305088        .       +
        .       Parent=Smp_317760.1
SM_V9_6 Liftoff exon    23306749        23307049        .       +
        .       Parent=Smp_317760.1
SM_V9_6 Liftoff exon    23309062        23309259        .       +
        .       Parent=Smp_317760.1
SM_V9_6 Liftoff CDS     23296851        23296898        .       +
        0       Parent=Smp_317760.1
SM_V9_6 Liftoff CDS     23296937        23297123        .       +
        0       Parent=Smp_317760.1
SM_V9_6 Liftoff CDS     23297156        23297325        .       +
        2       Parent=Smp_317760.1
SM_V9_6 Liftoff CDS     23301324        23301404        .       +
        0       Parent=Smp_317760.1
SM_V9_6 Liftoff CDS     23305054        23305088        .       +
        0       Parent=Smp_317760.1
SM_V9_6 Liftoff CDS     23306749        23307049        .       +
        1       Parent=Smp_317760.1
SM_V9_6 Liftoff CDS     23309062        23309094        .       +
        0       Parent=Smp_317760.1
SM_V9_6 Liftoff gene    23334177        23351491        .       +
        .
ID=Smp_334810;geneID=Smp_334810;previous_systematic_id=Smp_077500
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SM_V9_6 Liftoff mRNA    23334177        23351491        .       +
        .
ID=Smp_334810.1;Parent=Smp_334810;geneID=Smp_334810;product=T-box
transcription factor TBX5-
A;polypeptide_domain=InterPro:IPR001699,IPR008967
Pfam:PF00907;Ontology_term=GO:0003700,GO:0005634,GO:0006355
SM_V9_6 Liftoff exon    23334177        23344786        .       +
        .       Parent=Smp_334810.1
SM_V9_6 Liftoff exon    23346837        23347003        .       +
        .       Parent=Smp_334810.1
SM_V9_6 Liftoff exon    23349604        23349725        .       +
        .       Parent=Smp_334810.1
SM_V9_6 Liftoff exon    23350944        23351491        .       +
        .       Parent=Smp_334810.1
SM_V9_6 Liftoff CDS     23343015        23344786        .       +
        0       Parent=Smp_334810.1
SM_V9_6 Liftoff CDS     23346837        23347003        .       +
        1       Parent=Smp_334810.1
SM_V9_6 Liftoff CDS     23349604        23349725        .       +
        2       Parent=Smp_334810.1
SM_V9_6 Liftoff CDS     23350944        23351348        .       +
        0       Parent=Smp_334810.1
SM_V9_6 Liftoff gene    23395239        23400828        .       +
        .       ID=Smp_163950;geneID=Smp_163950
SM_V9_6 Liftoff mRNA    23395239        23400828        .       +
        .
ID=Smp_163950.1;Parent=Smp_163950;geneID=Smp_163950;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    23395239        23400828        .       +
        .       Parent=Smp_163950.1
SM_V9_6 Liftoff CDS     23395434        23399867        .       +
        0       Parent=Smp_163950.1
SM_V9_6 Liftoff gene    23412739        23431231        .       +
        .
ID=Smp_248010;geneID=Smp_248010;previous_systematic_id=Smp_163960
SM_V9_6 Liftoff mRNA    23412739        23431231        .       +
        .
ID=Smp_248010.1;Parent=Smp_248010;geneID=Smp_248010;product=LIM
domain-containing protein jub;polypeptide_domain=InterPro:IPR001781
Pfam:PF00412
SM_V9_6 Liftoff exon    23412739        23413284        .       +
        .       Parent=Smp_248010.1
SM_V9_6 Liftoff exon    23418216        23418283        .       +
        .       Parent=Smp_248010.1
SM_V9_6 Liftoff exon    23420121        23420183        .       +
        .       Parent=Smp_248010.1
SM_V9_6 Liftoff exon    23421011        23421175        .       +
        .       Parent=Smp_248010.1
SM_V9_6 Liftoff exon    23423569        23423637        .       +
        .       Parent=Smp_248010.1
SM_V9_6 Liftoff exon    23429969        23431231        .       +
        .       Parent=Smp_248010.1
SM_V9_6 Liftoff CDS     23413050        23413284        .       +
        0       Parent=Smp_248010.1
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SM_V9_6 Liftoff CDS     23418216        23418283        .       +
        2       Parent=Smp_248010.1
SM_V9_6 Liftoff CDS     23420121        23420183        .       +
        0       Parent=Smp_248010.1
SM_V9_6 Liftoff CDS     23421011        23421175        .       +
        0       Parent=Smp_248010.1
SM_V9_6 Liftoff CDS     23423569        23423637        .       +
        0       Parent=Smp_248010.1
SM_V9_6 Liftoff CDS     23429969        23430643        .       +
        0       Parent=Smp_248010.1
SM_V9_6 Liftoff gene    23433050        23433725        .       -
        .       ID=Smp_317770;geneID=Smp_317770
SM_V9_6 Liftoff mRNA    23433050        23433725        .       -
        .
ID=Smp_317770.1;Parent=Smp_317770;geneID=Smp_317770;product=Protein
TolB
SM_V9_6 Liftoff exon    23433050        23433725        .       -
        .       Parent=Smp_317770.1
SM_V9_6 Liftoff CDS     23433116        23433514        .       -
        0       Parent=Smp_317770.1
SM_V9_6 Liftoff gene    23437029        23446989        .       +
        .
ID=Smp_248020;geneID=Smp_248020;previous_systematic_id=Smp_163960
SM_V9_6 Liftoff mRNA    23437029        23446989        .       +
        .
ID=Smp_248020.1;Parent=Smp_248020;geneID=Smp_248020;product=Transmem
brane protein 231;polypeptide_domain=InterPro:IPR019306 Pfam:PF10149
SM_V9_6 Liftoff exon    23437029        23437574        .       +
        .       Parent=Smp_248020.1
SM_V9_6 Liftoff exon    23439476        23439640        .       +
        .       Parent=Smp_248020.1
SM_V9_6 Liftoff exon    23441268        23441355        .       +
        .       Parent=Smp_248020.1
SM_V9_6 Liftoff exon    23444942        23445056        .       +
        .       Parent=Smp_248020.1
SM_V9_6 Liftoff exon    23446616        23446989        .       +
        .       Parent=Smp_248020.1
SM_V9_6 Liftoff CDS     23437251        23437574        .       +
        0       Parent=Smp_248020.1
SM_V9_6 Liftoff CDS     23439476        23439640        .       +
        0       Parent=Smp_248020.1
SM_V9_6 Liftoff CDS     23441268        23441355        .       +
        0       Parent=Smp_248020.1
SM_V9_6 Liftoff CDS     23444942        23445056        .       +
        2       Parent=Smp_248020.1
SM_V9_6 Liftoff CDS     23446616        23446814        .       +
        1       Parent=Smp_248020.1
SM_V9_6 iris    gene    23448871        23461735        .       -
        .
ID=Smp_214260;geneID=Smp_214260;gene_name=Smp_214260;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    23448871        23461735        .       -
        .
ID=Smp_214260.1;Parent=Smp_214260;geneID=Smp_214260;gene_name=Smp_21
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4260;owner=irisadmin@local.host;orig_id=Smp_214260.1;date_last_modif
ied=2022-07-19;Name=Smp_214260.1;product=Transmembrane 9 superfamily
member 4;date_creation=2022-07-19
SM_V9_6 iris    exon    23448871        23449188        .       -
        .       Parent=Smp_214260.1;Name=88d81ebb-
b2de-4ee1-96d0-9325be5dad38
SM_V9_6 iris    exon    23453270        23453466        .       -
        .       Parent=Smp_214260.1;Name=428efbc7-ba92-4d9d-a24e-
cdef99c6af5b
SM_V9_6 iris    exon    23454715        23455343        .       -
        .       Parent=Smp_214260.1;Name=ac8643b4-33ce-49aa-8743-
f25edff4bc2d
SM_V9_6 iris    exon    23458503        23458653        .       -
        .
Parent=Smp_214260.1;Name=a80268b4-821a-41ae-9a1b-90407c6bf5ec
SM_V9_6 iris    exon    23458699        23458772        .       -
        .       Parent=Smp_214260.1;Name=b820ee1f-e452-46b3-
a615-8fad0d94033b
SM_V9_6 iris    exon    23458817        23458948        .       -
        .       Parent=Smp_214260.1;Name=d4dd9af1-f4e3-4826-
ad1f-3dfe73f1f9be
SM_V9_6 iris    exon    23461646        23461735        .       -
        .       Parent=Smp_214260.1;Name=86d8a59e-50d5-4f38-
aa34-106e6d596b9e
SM_V9_6 iris    CDS     23448900        23449188        .       -
        1       Parent=Smp_214260.1
SM_V9_6 iris    CDS     23453270        23453466        .       -
        0       Parent=Smp_214260.1
SM_V9_6 iris    CDS     23454715        23455343        .       -
        2       Parent=Smp_214260.1
SM_V9_6 iris    CDS     23458503        23458653        .       -
        0       Parent=Smp_214260.1
SM_V9_6 iris    CDS     23458699        23458772        .       -
        2       Parent=Smp_214260.1
SM_V9_6 iris    CDS     23458817        23458948        .       -
        2       Parent=Smp_214260.1
SM_V9_6 iris    CDS     23461646        23461676        .       -
        0       Parent=Smp_214260.1
SM_V9_6 Liftoff gene    23466543        23499585        .       -
        .       ID=Smp_163970;geneID=Smp_163970
SM_V9_6 Liftoff mRNA    23466543        23499585        .       -
        .
ID=Smp_163970.1;Parent=Smp_163970;geneID=Smp_163970;product=Lysosoma
l protective
protein;polypeptide_domain=InterPro:IPR001563,IPR018202,IPR029058,IP
R033124 Pfam:PF00450;Ontology_term=GO:0004185,GO:0006508
SM_V9_6 Liftoff exon    23466543        23467255        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23472381        23472467        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23474968        23475187        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23480328        23480548        .       -
        .       Parent=Smp_163970.1
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SM_V9_6 Liftoff exon    23482504        23482597        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23484673        23484764        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23486084        23486239        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23488641        23488727        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23493243        23493290        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff exon    23499231        23499585        .       -
        .       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23467055        23467255        .       -
        0       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23472381        23472467        .       -
        0       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23474968        23475187        .       -
        1       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23480328        23480548        .       -
        0       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23482504        23482597        .       -
        1       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23484673        23484764        .       -
        0       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23486084        23486239        .       -
        0       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23488641        23488727        .       -
        0       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23493243        23493290        .       -
        0       Parent=Smp_163970.1
SM_V9_6 Liftoff CDS     23499231        23499527        .       -
        0       Parent=Smp_163970.1
SM_V9_6 iris    gene    23513349        23541407        .       +
        .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    23513349        23541407        .       +
        .
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7540;owner=irisadmin@local.host;orig_id=Smp_077540.1;date_last_modif
ied=2022-07-19;Name=Smp_077540.1;product=FAS-associated factor
1;date_creation=2022-07-19
SM_V9_6 iris    exon    23513349        23513547        .       +
        .       Parent=Smp_077540.1;Name=f8ff394c-
f6ef-487c-8bf7-9cd2cb1d3ab1
SM_V9_6 iris    exon    23513606        23513711        .       +
        .       Parent=Smp_077540.1;Name=87012cee-5ba9-4986-b8f8-
ebda7ec0fc2c
SM_V9_6 iris    exon    23515616        23516130        .       +
        .       Parent=Smp_077540.1;Name=5d1cf51f-2700-465e-a1c5-
b73f26a9723e
SM_V9_6 iris    exon    23517155        23517231        .       +
        .       Parent=Smp_077540.1;Name=d84e9f3f-38ca-4ee0-
a8a3-8296460da32a
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SM_V9_6 iris    exon    23521129        23521717        .       +
        .       Parent=Smp_077540.1;Name=46c7b058-d363-4854-b8dd-
ea3788949caf
SM_V9_6 iris    exon    23527336        23527617        .       +
        .
Parent=Smp_077540.1;Name=ee666902-8205-44f8-9e9e-26663595c996
SM_V9_6 iris    exon    23529573        23529720        .       +
        .       Parent=Smp_077540.1;Name=9e20f3cb-21b6-4fce-8955-
a339a555721f
SM_V9_6 iris    exon    23531098        23531264        .       +
        .
Parent=Smp_077540.1;Name=b88a04dc-608e-4049-96bc-24b8f8ec9ff8
SM_V9_6 iris    exon    23533623        23533841        .       +
        .       Parent=Smp_077540.1;Name=d3d31765-0c55-45e1-
a110-3e4bc4f64a12
SM_V9_6 iris    exon    23535674        23536063        .       +
        .       Parent=Smp_077540.1;Name=23b53673-c336-4fe9-b12e-
d740b0e12a89
SM_V9_6 iris    exon    23537725        23538096        .       +
        .
Parent=Smp_077540.1;Name=5a0857ee-0535-43ca-9349-4325aa24a71f
SM_V9_6 iris    exon    23540333        23541407        .       +
        .
Parent=Smp_077540.1;Name=9b31088b-0ef8-47a1-8a80-3a5ea8cdf955
SM_V9_6 iris    CDS     23513530        23513547        .       +
        0       Parent=Smp_077540.1
SM_V9_6 iris    CDS     23513606        23513711        .       +
        0       Parent=Smp_077540.1
SM_V9_6 iris    CDS     23515616        23516130        .       +
        2       Parent=Smp_077540.1
SM_V9_6 iris    CDS     23517155        23517231        .       +
        0       Parent=Smp_077540.1
SM_V9_6 iris    CDS     23521129        23521717        .       +
        1       Parent=Smp_077540.1
SM_V9_6 iris    CDS     23527336        23527617        .       +
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SM_V9_6 iris    CDS     23529573        23529720        .       +
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SM_V9_6 iris    CDS     23531098        23531264        .       +
        2       Parent=Smp_077540.1
SM_V9_6 iris    CDS     23533623        23533841        .       +
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SM_V9_6 iris    CDS     23535674        23536063        .       +
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SM_V9_6 iris    CDS     23537725        23538096        .       +
        0       Parent=Smp_077540.1
SM_V9_6 iris    CDS     23540333        23540413        .       +
        0       Parent=Smp_077540.1
SM_V9_6 Liftoff gene    23564379        23586173        .       +
        .       ID=Smp_163980;geneID=Smp_163980
SM_V9_6 Liftoff mRNA    23564379        23586173        .       +
        .
ID=Smp_163980.1;Parent=Smp_163980;geneID=Smp_163980;product=Zinc
finger protein 775;polypeptide_domain=InterPro:IPR013083,IPR013087
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Pfam:PF00096;Ontology_term=GO:0003676
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SM_V9_6 Liftoff exon    23576168        23576342        .       +
        .       Parent=Smp_163980.1
SM_V9_6 Liftoff exon    23578611        23578890        .       +
        .       Parent=Smp_163980.1
SM_V9_6 Liftoff exon    23580529        23580626        .       +
        .       Parent=Smp_163980.1
SM_V9_6 Liftoff exon    23581495        23586173        .       +
        .       Parent=Smp_163980.1
SM_V9_6 Liftoff CDS     23572363        23573729        .       +
        0       Parent=Smp_163980.1
SM_V9_6 Liftoff CDS     23576168        23576342        .       +
        1       Parent=Smp_163980.1
SM_V9_6 Liftoff CDS     23578611        23578890        .       +
        0       Parent=Smp_163980.1
SM_V9_6 Liftoff CDS     23580529        23580626        .       +
        2       Parent=Smp_163980.1
SM_V9_6 Liftoff CDS     23581495        23582895        .       +
        0       Parent=Smp_163980.1
SM_V9_6 Liftoff mRNA    23564379        23586173        .       +
        .
ID=Smp_163980.2;Parent=Smp_163980;geneID=Smp_163980;product=Zinc
finger protein 337;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_6 Liftoff exon    23564379        23573729        .       +
        .       Parent=Smp_163980.2
SM_V9_6 Liftoff exon    23576168        23576342        .       +
        .       Parent=Smp_163980.2
SM_V9_6 Liftoff exon    23578611        23578890        .       +
        .       Parent=Smp_163980.2
SM_V9_6 Liftoff exon    23580400        23580626        .       +
        .       Parent=Smp_163980.2
SM_V9_6 Liftoff exon    23581495        23586173        .       +
        .       Parent=Smp_163980.2
SM_V9_6 Liftoff CDS     23572363        23573729        .       +
        0       Parent=Smp_163980.2
SM_V9_6 Liftoff CDS     23576168        23576342        .       +
        1       Parent=Smp_163980.2
SM_V9_6 Liftoff CDS     23578611        23578890        .       +
        0       Parent=Smp_163980.2
SM_V9_6 Liftoff CDS     23580400        23580626        .       +
        2       Parent=Smp_163980.2
SM_V9_6 Liftoff CDS     23581495        23582895        .       +
        0       Parent=Smp_163980.2
SM_V9_6 Liftoff gene    23592279        23653700        .       -
        .       ID=Smp_077560;geneID=Smp_077560
SM_V9_6 Liftoff mRNA    23592279        23653700        .       -
        .
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pus abundant transcript 1
protein;polypeptide_domain=InterPro:IPR001958,IPR005829,IPR011701,IP
R020846 Pfam:PF07690;Ontology_term=GO:0005215,GO:0016021,GO:0055085
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SM_V9_6 Liftoff exon    23625214        23625291        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff exon    23627898        23628119        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff exon    23635388        23635459        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff exon    23639814        23639927        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff exon    23645451        23645696        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff exon    23653076        23653381        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff exon    23653418        23653516        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff exon    23653550        23653700        .       -
        .       Parent=Smp_077560.1
SM_V9_6 Liftoff CDS     23596298        23597368        .       -
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SM_V9_6 Liftoff CDS     23599583        23599660        .       -
        0       Parent=Smp_077560.1
SM_V9_6 Liftoff CDS     23625214        23625291        .       -
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SM_V9_6 Liftoff CDS     23627898        23628119        .       -
        0       Parent=Smp_077560.1
SM_V9_6 Liftoff CDS     23635388        23635459        .       -
        0       Parent=Smp_077560.1
SM_V9_6 Liftoff CDS     23639814        23639927        .       -
        0       Parent=Smp_077560.1
SM_V9_6 Liftoff CDS     23645451        23645696        .       -
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SM_V9_6 Liftoff CDS     23653076        23653381        .       -
        0       Parent=Smp_077560.1
SM_V9_6 Liftoff CDS     23653418        23653516        .       -
        0       Parent=Smp_077560.1
SM_V9_6 Liftoff CDS     23653550        23653597        .       -
        0       Parent=Smp_077560.1
SM_V9_6 Liftoff gene    23661879        23674530        .       +
        .       ID=Smp_077580;geneID=Smp_077580
SM_V9_6 Liftoff mRNA    23661879        23674530        .       +
        .
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metalloproteinase/disintegrin
SM_V9_6 Liftoff exon    23661879        23662472        .       +
        .       Parent=Smp_077580.1
SM_V9_6 Liftoff exon    23668603        23668782        .       +
        .       Parent=Smp_077580.1
SM_V9_6 Liftoff exon    23671973        23672128        .       +
        .       Parent=Smp_077580.1
SM_V9_6 Liftoff exon    23674108        23674530        .       +
        .       Parent=Smp_077580.1
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SM_V9_6 Liftoff CDS     23662146        23662472        .       +
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SM_V9_6 Liftoff CDS     23668603        23668782        .       +
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SM_V9_6 Liftoff CDS     23674108        23674416        .       +
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        .
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ID=Smp_077590.1;Parent=Smp_077590;geneID=Smp_077590;gene_name=Smp_07
7590;owner=irisadmin@local.host;orig_id=Smp_077590.1;date_last_modif
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homolog;date_creation=2022-07-19
SM_V9_6 iris    exon    23676290        23676630        .       -
        .       Parent=Smp_077590.1;Name=94c50f6a-
e177-480e-87ce-413d2c23edfc
SM_V9_6 iris    exon    23678003        23678211        .       -
        .       Parent=Smp_077590.1;Name=c537fff8-e272-49ee-88cb-
b5e7209aba95
SM_V9_6 iris    exon    23678257        23678457        .       -
        .       Parent=Smp_077590.1;Name=510ceb13-
bffa-4506-979e-65482a35c8e2
SM_V9_6 iris    exon    23679436        23679625        .       -
        .       Parent=Smp_077590.1;Name=0d318ad0-fdbd-465f-a706-
ccc586722d7e
SM_V9_6 iris    CDS     23676380        23676630        .       -
        2       Parent=Smp_077590.1
SM_V9_6 iris    CDS     23678003        23678211        .       -
        1       Parent=Smp_077590.1
SM_V9_6 iris    CDS     23678257        23678457        .       -
        1       Parent=Smp_077590.1
SM_V9_6 iris    CDS     23679436        23679554        .       -
        0       Parent=Smp_077590.1
SM_V9_6 Liftoff gene    23720114        23724314        .       +
        .
ID=Smp_341270;geneID=Smp_341270;previous_systematic_id=Smp_077610
SM_V9_6 Liftoff mRNA    23720114        23724314        .       +
        .
ID=Smp_341270.1;Parent=Smp_341270;geneID=Smp_341270;product=Hypothet
ical protein
SM_V9_6 Liftoff exon    23720114        23721307        .       +
        .       Parent=Smp_341270.1
SM_V9_6 Liftoff exon    23722150        23722200        .       +
        .       Parent=Smp_341270.1
SM_V9_6 Liftoff exon    23724004        23724314        .       +
        .       Parent=Smp_341270.1
SM_V9_6 Liftoff CDS     23721116        23721307        .       +
        0       Parent=Smp_341270.1
SM_V9_6 Liftoff CDS     23722150        23722200        .       +
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        0       Parent=Smp_341270.1
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        0       Parent=Smp_341270.1
SM_V9_6 iris    gene    23737939        23792377        .       +
        .
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SM_V9_6 iris    mRNA    23737939        23792377        .       +
        .
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phosphatase 6 regulatory subunit 3-B;date_creation=2022-07-19
SM_V9_6 iris    exon    23737939        23738021        .       +
        .       Parent=Smp_164010.1;Name=ad2f5795-1c9a-4ccf-aa14-
a7f4c070069a
SM_V9_6 iris    exon    23738877        23738935        .       +
        .       Parent=Smp_164010.1;Name=a0e74961-
a463-4d1d-9c3a-2b1ea3894fc9
SM_V9_6 iris    exon    23738978        23739057        .       +
        .       Parent=Smp_164010.1;Name=f92999e3-e5b3-4736-
aac6-22b65baa94a6
SM_V9_6 iris    exon    23739107        23739193        .       +
        .       Parent=Smp_164010.1;Name=1bec6445-3d46-4153-
a949-461199daac76
SM_V9_6 iris    exon    23741009        23741714        .       +
        .
Parent=Smp_164010.1;Name=bc3c8566-3406-4dc9-8b28-6754cf8370bc
SM_V9_6 iris    exon    23743369        23743500        .       +
        .       Parent=Smp_164010.1;Name=63f8cf33-0993-4257-b474-
c10380bbbebe
SM_V9_6 iris    exon    23745440        23745505        .       +
        .       Parent=Smp_164010.1;Name=3653d31e-94b2-479a-
bec4-07e04ffe22db
SM_V9_6 iris    exon    23752139        23752377        .       +
        .
Parent=Smp_164010.1;Name=ba230c12-6f4a-4598-91b3-4b13c3b94b28
SM_V9_6 iris    exon    23760931        23761044        .       +
        .       Parent=Smp_164010.1;Name=377d4750-604d-4688-bdf1-
ba09a489a984
SM_V9_6 iris    exon    23762894        23763236        .       +
        .       Parent=Smp_164010.1;Name=23a3b08e-c96b-451e-
ad74-25ec4b8e6a6a
SM_V9_6 iris    exon    23767964        23768125        .       +
        .
Parent=Smp_164010.1;Name=9b05922c-7aac-403a-81d4-137834ead525
SM_V9_6 iris    exon    23769921        23770417        .       +
        .       Parent=Smp_164010.1;Name=af309f4f-3d30-479e-
bb8b-299a9cf084d1
SM_V9_6 iris    exon    23776833        23776984        .       +
        .       Parent=Smp_164010.1;Name=1a883398-8800-4a17-
a527-62c4dcf3ee57
SM_V9_6 iris    exon    23779102        23779181        .       +
        .       Parent=Smp_164010.1;Name=a3db41e4-95cd-4762-af25-
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df1467718a2a
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b737-3849921b7e96
SM_V9_6 iris    exon    23783828        23784483        .       +
        .       Parent=Smp_164010.1;Name=a682a666-3971-4c3d-
b032-02a86dae8753
SM_V9_6 iris    exon    23787236        23787491        .       +
        .       Parent=Smp_164010.1;Name=b505e067-3abe-444d-
a6da-6cf8da7ac34b
SM_V9_6 iris    exon    23791391        23792377        .       +
        .       Parent=Smp_164010.1;Name=a3430418-2ef9-4678-9570-
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SM_V9_6 iris    CDS     23738879        23738935        .       +
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SM_V9_6 iris    CDS     23738978        23739057        .       +
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SM_V9_6 iris    CDS     23739107        23739193        .       +
        1       Parent=Smp_164010.1
SM_V9_6 iris    CDS     23741009        23741714        .       +
        1       Parent=Smp_164010.1
SM_V9_6 iris    CDS     23743369        23743500        .       +
        0       Parent=Smp_164010.1
SM_V9_6 iris    CDS     23745440        23745505        .       +
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SM_V9_6 iris    CDS     23779102        23779181        .       +
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SM_V9_6 iris    CDS     23780456        23780493        .       +
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SM_V9_6 iris    CDS     23787236        23787491        .       +
        2       Parent=Smp_164010.1
SM_V9_6 iris    CDS     23791391        23791394        .       +
        1       Parent=Smp_164010.1
SM_V9_6 iris    gene    23795777        23835052        .       -
        .
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@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
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        .       Parent=Smp_164020.1;Name=d066a3d6-dd05-4100-8fd2-
e440670b4700
SM_V9_6 iris    exon    23802293        23802427        .       -
        .       Parent=Smp_164020.1;Name=3a27c840-449d-49e8-b3ff-
a773f7ee1eaa
SM_V9_6 iris    exon    23804361        23804422        .       -
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a8cc-0cba6de670f3
SM_V9_6 iris    exon    23806790        23807192        .       -
        .
Parent=Smp_164020.1;Name=d7161a16-5bbc-48e6-947c-9d1fe3c4288c
SM_V9_6 iris    exon    23808844        23809366        .       -
        .       Parent=Smp_164020.1;Name=1ac6c25f-5661-4b59-8cf9-
f4d64b06cf17
SM_V9_6 iris    exon    23812875        23813430        .       -
        .       Parent=Smp_164020.1;Name=2a10b57f-18f4-44c2-9088-
da0c50128730
SM_V9_6 iris    exon    23814889        23815047        .       -
        .
Parent=Smp_164020.1;Name=b4f5ebb2-7002-4d03-9949-81667e782633
SM_V9_6 iris    exon    23834441        23835052        .       -
        .       Parent=Smp_164020.1;Name=a61997f1-4b36-40a1-a4af-
f46cfaf9405d
SM_V9_6 iris    CDS     23796596        23796611        .       -
        1       Parent=Smp_164020.1
SM_V9_6 iris    CDS     23798781        23798857        .       -
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SM_V9_6 iris    CDS     23802293        23802427        .       -
        0       Parent=Smp_164020.1
SM_V9_6 iris    CDS     23804361        23804422        .       -
        2       Parent=Smp_164020.1
SM_V9_6 iris    CDS     23806790        23807192        .       -
        0       Parent=Smp_164020.1
SM_V9_6 iris    CDS     23808844        23809366        .       -
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SM_V9_6 iris    CDS     23812875        23813430        .       -
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SM_V9_6 iris    CDS     23814889        23815047        .       -
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SM_V9_6 iris    CDS     23834441        23834450        .       -
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SM_V9_6 Liftoff gene    23859974        23884883        .       -
        .
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SM_V9_6 Liftoff mRNA    23859974        23884883        .       -
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Pfam:PF00790,PF02883;Ontology_term=GO:0005622,GO:0006886,GO:0016192,
GO:0030131
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SM_V9_6 Liftoff exon    23884470        23884568        .       -
        .       Parent=Smp_345450.1
SM_V9_6 Liftoff exon    23884601        23884761        .       -
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SM_V9_6 Liftoff exon    23884804        23884883        .       -
        .       Parent=Smp_345450.1
SM_V9_6 Liftoff CDS     23860762        23860851        .       -
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SM_V9_6 Liftoff CDS     23862843        23862956        .       -
        0       Parent=Smp_345450.1
SM_V9_6 Liftoff CDS     23865845        23866286        .       -
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SM_V9_6 Liftoff CDS     23868901        23869063        .       -
        2       Parent=Smp_345450.1
SM_V9_6 Liftoff CDS     23871558        23872052        .       -
        2       Parent=Smp_345450.1
SM_V9_6 Liftoff CDS     23874042        23874126        .       -
        0       Parent=Smp_345450.1
SM_V9_6 Liftoff CDS     23876765        23876902        .       -
        0       Parent=Smp_345450.1
SM_V9_6 Liftoff CDS     23878977        23879057        .       -
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SM_V9_6 Liftoff CDS     23880535        23880603        .       -
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SM_V9_6 Liftoff CDS     23884470        23884568        .       -
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SM_V9_6 iris    mRNA    23893762        23908555        .       -
        .
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ied=2022-07-19;Name=Smp_164040.1;product=26S proteasome non-ATPase
regulatory subunit 6;date_creation=2022-07-19
SM_V9_6 iris    exon    23893762        23894226        .       -
        .       Parent=Smp_164040.1;Name=e3a06e28-e04d-42fc-bd29-
a458703d6705
SM_V9_6 iris    exon    23895761        23895934        .       -
        .
Parent=Smp_164040.1;Name=b5b5eb9b-9085-4438-9637-43d62d9530ec
SM_V9_6 iris    exon    23903202        23903294        .       -
        .
Parent=Smp_164040.1;Name=cec2a506-37d9-4b8c-8ba5-6841cd98e20a
SM_V9_6 iris    exon    23904416        23904669        .       -
        .
Parent=Smp_164040.1;Name=7b4372f0-061b-447f-969b-901afe98029a
SM_V9_6 iris    exon    23905260        23905337        .       -
        .       Parent=Smp_164040.1;Name=d45a3043-1f50-40a7-983d-
d3e895e64a78
SM_V9_6 iris    exon    23905374        23905422        .       -
        .       Parent=Smp_164040.1;Name=5135dd8b-bb9e-486c-b4fc-
c6c88537f0d7
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SM_V9_6 iris    CDS     23894056        23894226        .       -
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SM_V9_6 iris    CDS     23903202        23903294        .       -
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SM_V9_6 iris    CDS     23904416        23904669        .       -
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SM_V9_6 iris    CDS     23905260        23905337        .       -
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SM_V9_6 iris    CDS     23905374        23905422        .       -
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SM_V9_6 iris    CDS     23908422        23908433        .       -
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SM_V9_6 iris    gene    23913178        23940454        .       +
        .
ID=Smp_164050;geneID=Smp_164050;gene_name=Smp_164050;owner=irisadmin
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SM_V9_6 iris    mRNA    23913178        23940454        .       +
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selenium transferase;date_creation=2022-08-18
SM_V9_6 iris    exon    23913178        23913348        .       +
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e1e7cbfbfdf8
SM_V9_6 iris    exon    23914265        23914484        .       +
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b75a-7b38b02cd95f
SM_V9_6 iris    exon    23915900        23916054        .       +
        .       Parent=Smp_164050.1;Name=3734c345-13fe-4271-
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SM_V9_6 iris    exon    23921882        23922043        .       +
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SM_V9_6 iris    exon    23927160        23927394        .       +
        .
Parent=Smp_164050.1;Name=5be3a297-65db-46a5-96de-474a4e7fb0a0
SM_V9_6 iris    exon    23929730        23929872        .       +
        .       Parent=Smp_164050.1;Name=97cae683-521e-4b45-b0c5-
ad5719bfbd42
SM_V9_6 iris    exon    23933291        23933422        .       +
        .       Parent=Smp_164050.1;Name=c22319c4-8dea-437f-
bc4f-1ecc0eb7995f
SM_V9_6 iris    exon    23935683        23936019        .       +
        .       Parent=Smp_164050.1;Name=ad8b567a-33c5-4530-
a744-241f27839944
SM_V9_6 iris    exon    23939702        23940454        .       +
        .       Parent=Smp_164050.1;Name=02eeacc5-989e-4a13-b597-
fb4f54e4c500
SM_V9_6 iris    CDS     23914371        23914484        .       +
        0       Parent=Smp_164050.1
SM_V9_6 iris    CDS     23915900        23916054        .       +
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SM_V9_6 iris    CDS     23919738        23919856        .       +
        1       Parent=Smp_164050.1
SM_V9_6 iris    CDS     23921882        23922043        .       +
        2       Parent=Smp_164050.1
SM_V9_6 iris    CDS     23927160        23927394        .       +
        2       Parent=Smp_164050.1
SM_V9_6 iris    CDS     23929730        23929872        .       +
        1       Parent=Smp_164050.1
SM_V9_6 iris    CDS     23933291        23933422        .       +
        2       Parent=Smp_164050.1
SM_V9_6 iris    CDS     23935683        23936019        .       +
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SM_V9_6 iris    CDS     23939702        23940065        .       +
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SM_V9_6 iris    gene    23958209        23965100        .       +
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C;date_creation=2022-08-13
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       .       Parent=Smp_164060.1;Name=c1bd5eef-6445-4480-9d5a-
d85008acfc2f
SM_V9_6 iris    CDS     23960260        23960574        .       +
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SM_V9_6 iris    CDS     23963527        23963742        .       +
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SM_V9_6 iris    CDS     23964824        23964931        .       +
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ID=Smp_077670;geneID=Smp_077670;gene_name=Smp_077670;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    23968730        23980145        .       -
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ied=2022-07-19;Name=Smp_077670.1;product=tRNA (guanine(10)-N2)-
methyltransferase homolog;date_creation=2022-07-19
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       .       Parent=Smp_077670.1;Name=5cfc5185-9294-4038-bcaa-
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SM_V9_6 iris    exon    23971904        23971991        .       -
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SM_V9_6 iris    exon    23978375        23978551        .       -
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SM_V9_6 iris    CDS     23974411        23974676        .       -
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SM_V9_6 iris    CDS     23976575        23976937        .       -
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homolog;date_creation=2022-07-19
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c0a96e55d3f2
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bca0-606614bb4c34
SM_V9_6 iris    exon    23976575        23976937        .       -
        .       Parent=Smp_077670.2;Name=9fc56182-c55e-4675-aa7c-
fa7269babeed
SM_V9_6 iris    exon    23978375        23978551        .       -
        .       Parent=Smp_077670.2;Name=4c7b72b3-c0b6-4461-ad38-
d94be0d1e2c0
SM_V9_6 iris    exon    23978596        23978939        .       -
        .       Parent=Smp_077670.2;Name=76bd4e74-bc99-49e9-
b97a-0e66246b9b4a
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SM_V9_6 iris    CDS     23974411        23974676        .       -
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SM_V9_6 iris    CDS     23978375        23978551        .       -
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        .       ID=Smp_164070;geneID=Smp_164070
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        .       Parent=Smp_164070.1
SM_V9_6 Liftoff exon    24003866        24004065        .       -
        .       Parent=Smp_164070.1
SM_V9_6 Liftoff CDS     23997847        23997993        .       -
        0       Parent=Smp_164070.1
SM_V9_6 Liftoff CDS     24001471        24001590        .       -
        0       Parent=Smp_164070.1
SM_V9_6 Liftoff CDS     24003866        24004021        .       -
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SM_V9_6 Liftoff gene    24009909        24042543        .       +
        .
ID=Smp_164080;geneID=Smp_164080;previous_systematic_id=Smp_164090
SM_V9_6 Liftoff mRNA    24009909        24042543        .       +
        .
ID=Smp_164080.1;Parent=Smp_164080;geneID=Smp_164080;product=Uncharac
terized protein KIAA2026;polypeptide_domain=InterPro:IPR001487
Pfam:PF00439;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    24009909        24012048        .       +
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SM_V9_6 Liftoff exon    24017482        24017650        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24019612        24019685        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24020886        24021256        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24022191        24022691        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24024000        24024140        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24026498        24027428        .       +
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SM_V9_6 Liftoff exon    24034355        24034534        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24035993        24036253        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24038285        24038449        .       +
        .       Parent=Smp_164080.1
SM_V9_6 Liftoff exon    24040331        24042543        .       +
        .       Parent=Smp_164080.1
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SM_V9_6 Liftoff CDS     24011877        24012048        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24017482        24017650        .       +
        2       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24019612        24019685        .       +
        1       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24020886        24021256        .       +
        2       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24022191        24022691        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24024000        24024140        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24026498        24027428        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24033016        24033380        .       +
        2       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24034355        24034534        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24035993        24036253        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24038285        24038449        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff CDS     24040331        24041500        .       +
        0       Parent=Smp_164080.1
SM_V9_6 Liftoff gene    24047824        24077016        .       -
        .       ID=Smp_077720;geneID=Smp_077720
SM_V9_6 Liftoff mRNA    24047824        24077015        .       -
        .
ID=Smp_077720.2;Parent=Smp_077720;geneID=Smp_077720;product=Annexin
A5;polypeptide_domain=InterPro:IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_6 Liftoff exon    24047824        24048080        .       -
        .       Parent=Smp_077720.2
SM_V9_6 Liftoff exon    24051421        24051533        .       -
        .       Parent=Smp_077720.2
SM_V9_6 Liftoff exon    24053940        24054015        .       -
        .       Parent=Smp_077720.2
SM_V9_6 Liftoff exon    24056674        24056767        .       -
        .       Parent=Smp_077720.2
SM_V9_6 Liftoff exon    24057922        24058129        .       -
        .       Parent=Smp_077720.2
SM_V9_6 Liftoff exon    24059490        24059513        .       -
        .       Parent=Smp_077720.2
SM_V9_6 Liftoff exon    24062748        24077015        .       -
        .       Parent=Smp_077720.2
SM_V9_6 Liftoff CDS     24047958        24048080        .       -
        0       Parent=Smp_077720.2
SM_V9_6 Liftoff CDS     24051421        24051533        .       -
        2       Parent=Smp_077720.2
SM_V9_6 Liftoff CDS     24053940        24054015        .       -
        0       Parent=Smp_077720.2
SM_V9_6 Liftoff CDS     24056674        24056767        .       -
        1       Parent=Smp_077720.2
SM_V9_6 Liftoff CDS     24057922        24058129        .       -
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        2       Parent=Smp_077720.2
SM_V9_6 Liftoff CDS     24059490        24059513        .       -
        2       Parent=Smp_077720.2
SM_V9_6 Liftoff CDS     24062748        24062775        .       -
        0       Parent=Smp_077720.2
SM_V9_6 Liftoff mRNA    24047824        24077016        .       -
        .
ID=Smp_077720.1;Parent=Smp_077720;geneID=Smp_077720;product=annexin
B2;evidence=Traceable Author
Statement;literature=PMID:20417203;polypeptide_domain=InterPro:IPR00
1464,IPR018502 Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_6 Liftoff exon    24047824        24048080        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24051421        24051533        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24053940        24054015        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24056674        24056767        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24057922        24058129        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24062748        24062940        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24064092        24064186        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24069349        24069443        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff exon    24076934        24077016        .       -
        .       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24047958        24048080        .       -
        0       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24051421        24051533        .       -
        2       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24053940        24054015        .       -
        0       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24056674        24056767        .       -
        1       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24057922        24058129        .       -
        2       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24062748        24062940        .       -
        0       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24064092        24064186        .       -
        2       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24069349        24069443        .       -
        1       Parent=Smp_077720.1
SM_V9_6 Liftoff CDS     24076934        24076935        .       -
        0       Parent=Smp_077720.1
SM_V9_6 Liftoff gene    24085582        24111135        .       -
        .       ID=Smp_164100;geneID=Smp_164100
SM_V9_6 Liftoff mRNA    24085582        24111135        .       -
        .
ID=Smp_164100.1;Parent=Smp_164100;geneID=Smp_164100;product=Annexin
A13;polypeptide_domain=InterPro:IPR001464,IPR018252,IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
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SM_V9_6 Liftoff exon    24085582        24085816        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24089756        24089868        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24091399        24091474        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24095936        24096029        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24098129        24098330        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24101265        24101288        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24103431        24103635        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24106198        24106292        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24108564        24108658        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff exon    24111071        24111135        .       -
        .       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24085673        24085816        .       -
        0       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24089756        24089868        .       -
        2       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24091399        24091474        .       -
        0       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24095936        24096029        .       -
        1       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24098129        24098330        .       -
        2       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24101265        24101288        .       -
        2       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24103431        24103635        .       -
        0       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24106198        24106292        .       -
        2       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24108564        24108658        .       -
        1       Parent=Smp_164100.1
SM_V9_6 Liftoff CDS     24111071        24111081        .       -
        0       Parent=Smp_164100.1
SM_V9_6 Liftoff gene    24116036        24119775        .       -
        .
ID=Smp_332840;geneID=Smp_332840;previous_systematic_id=Smp_077740
SM_V9_6 Liftoff mRNA    24116036        24119775        .       -
        .
ID=Smp_332840.1;Parent=Smp_332840;geneID=Smp_332840;product=CAP-Gly
domain-containing linker protein 1
SM_V9_6 Liftoff exon    24116036        24116291        .       -
        .       Parent=Smp_332840.1
SM_V9_6 Liftoff exon    24118327        24119775        .       -
        .       Parent=Smp_332840.1
SM_V9_6 Liftoff CDS     24116122        24116291        .       -
        2       Parent=Smp_332840.1
SM_V9_6 Liftoff CDS     24118327        24118435        .       -
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        0       Parent=Smp_332840.1
SM_V9_6 Liftoff gene    24125119        24135599        .       +
        .
ID=Smp_300410;geneID=Smp_300410;previous_systematic_id=Smp_077740
SM_V9_6 Liftoff mRNA    24125119        24135599        .       +
        .
ID=Smp_300410.1;Parent=Smp_300410;geneID=Smp_300410;product=CAP-Gly
domain-containing linker protein 1
SM_V9_6 Liftoff exon    24125119        24133308        .       +
        .       Parent=Smp_300410.1
SM_V9_6 Liftoff exon    24135344        24135599        .       +
        .       Parent=Smp_300410.1
SM_V9_6 Liftoff CDS     24133200        24133308        .       +
        0       Parent=Smp_300410.1
SM_V9_6 Liftoff CDS     24135344        24135513        .       +
        2       Parent=Smp_300410.1
SM_V9_6 Liftoff gene    24137668        24138663        .       -
        .       ID=Smp_317780;geneID=Smp_317780
SM_V9_6 Liftoff mRNA    24137668        24138663        .       -
        .
ID=Smp_317780.1;Parent=Smp_317780;geneID=Smp_317780;product=Lon
protease
SM_V9_6 Liftoff exon    24137668        24137938        .       -
        .       Parent=Smp_317780.1
SM_V9_6 Liftoff exon    24138551        24138663        .       -
        .       Parent=Smp_317780.1
SM_V9_6 Liftoff CDS     24137814        24137938        .       -
        2       Parent=Smp_317780.1
SM_V9_6 Liftoff CDS     24138551        24138626        .       -
        0       Parent=Smp_317780.1
SM_V9_6 Liftoff gene    24140539        24142638        .       +
        .       ID=Smp_317790;geneID=Smp_317790
SM_V9_6 Liftoff mRNA    24140539        24142638        .       +
        .
ID=Smp_317790.1;Parent=Smp_317790;geneID=Smp_317790;product=Lon
protease
SM_V9_6 Liftoff exon    24140539        24140817        .       +
        .       Parent=Smp_317790.1
SM_V9_6 Liftoff exon    24141430        24142638        .       +
        .       Parent=Smp_317790.1
SM_V9_6 Liftoff CDS     24140742        24140817        .       +
        0       Parent=Smp_317790.1
SM_V9_6 Liftoff CDS     24141430        24141554        .       +
        2       Parent=Smp_317790.1
SM_V9_6 iris    gene    24160985        24254700        .       +
        .
ID=Smp_164130;geneID=Smp_164130;gene_name=Smp_164130;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    24160985        24254700        .       +
        .
ID=Smp_164130.1;Parent=Smp_164130;geneID=Smp_164130;gene_name=Smp_16
4130;owner=irisadmin@local.host;orig_id=Smp_164130.2;date_last_modif
ied=2022-07-19;Name=Smp_164130.1;product=Protein
dopey-1;date_creation=2022-07-19
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SM_V9_6 iris    exon    24160985        24161192        .       +
        .
Parent=Smp_164130.1;Name=2ccbb6b6-90e1-4a47-9ef2-44af8cd1c57f
SM_V9_6 iris    exon    24169602        24169910        .       +
        .       Parent=Smp_164130.1;Name=fc299615-0c32-4276-
aeb4-858a90275277
SM_V9_6 iris    exon    24172857        24172970        .       +
        .       Parent=Smp_164130.1;Name=766e5dba-4a2c-460d-bb7a-
ce98da1d581a
SM_V9_6 iris    exon    24175866        24175985        .       +
        .       Parent=Smp_164130.1;Name=d65c94fd-
af2e-4a17-9000-327efbde500f
SM_V9_6 iris    exon    24176622        24176990        .       +
        .       Parent=Smp_164130.1;Name=00d0151f-497d-4c0f-bafc-
ff69541b07ff
SM_V9_6 iris    exon    24180314        24180500        .       +
        .
Parent=Smp_164130.1;Name=1ab080da-7b10-4fe3-9e36-486eda9a9dea
SM_V9_6 iris    exon    24181953        24182279        .       +
        .       Parent=Smp_164130.1;Name=9709ee42-670b-4bba-
a908-9eb77c6939cc
SM_V9_6 iris    exon    24184850        24185478        .       +
        .       Parent=Smp_164130.1;Name=9aa15795-c0c7-408e-
b0ee-53b8cfc3bd6d
SM_V9_6 iris    exon    24189072        24189326        .       +
        .
Parent=Smp_164130.1;Name=6a28090d-7fcf-4aae-8c6c-91c02a96310c
SM_V9_6 iris    exon    24191414        24191804        .       +
        .       Parent=Smp_164130.1;Name=2acf9a3b-c2e8-4f2a-b98a-
c7a86b71c957
SM_V9_6 iris    exon    24197164        24197531        .       +
        .
Parent=Smp_164130.1;Name=d5445d70-16f6-4313-8f35-193295eac1f3
SM_V9_6 iris    exon    24200308        24200831        .       +
        .       Parent=Smp_164130.1;Name=c3f54d37-c7b0-4b54-a22b-
e60b03831d8f
SM_V9_6 iris    exon    24203003        24203400        .       +
        .       Parent=Smp_164130.1;Name=84b38fe7-4909-444d-a68f-
a1f534bb15c8
SM_V9_6 iris    exon    24206524        24206594        .       +
        .       Parent=Smp_164130.1;Name=2a3d1753-
c098-45d5-8a7c-93325b1c87be
SM_V9_6 iris    exon    24209695        24209848        .       +
        .       Parent=Smp_164130.1;Name=0d5c6ccf-76a9-4dce-
b85c-28c6682cc03c
SM_V9_6 iris    exon    24210791        24210877        .       +
        .       Parent=Smp_164130.1;Name=bbf9cdad-93eb-4a8b-9cfb-
c68bab6eb777
SM_V9_6 iris    exon    24211690        24211763        .       +
        .       Parent=Smp_164130.1;Name=edb7f069-e080-459a-afc0-
ff58e4842bce
SM_V9_6 iris    exon    24212735        24213223        .       +
        .       Parent=Smp_164130.1;Name=3b8daf45-
a19e-42a5-8d50-2dc3a8e862ef
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SM_V9_6 iris    exon    24214444        24214799        .       +
        .       Parent=Smp_164130.1;Name=d8b8d68b-85c6-492b-
abdb-271591c846ac
SM_V9_6 iris    exon    24216966        24217685        .       +
        .       Parent=Smp_164130.1;Name=468dba6a-c1f2-4773-
a1cd-222624be34db
SM_V9_6 iris    exon    24222793        24223342        .       +
        .       Parent=Smp_164130.1;Name=1a1f151c-4b92-4a5c-9d92-
e0cfe7fa9297
SM_V9_6 iris    exon    24225944        24226151        .       +
        .       Parent=Smp_164130.1;Name=874e4c7c-2ec5-4636-
a963-62f22ff1fb69
SM_V9_6 iris    exon    24227258        24227545        .       +
        .       Parent=Smp_164130.1;Name=60fd9a8d-aacf-4064-8613-
ffc75bb84f73
SM_V9_6 iris    exon    24229279        24229562        .       +
        .       Parent=Smp_164130.1;Name=774d0ba2-ab27-4b1a-804d-
fbf2073f01ff
SM_V9_6 iris    exon    24231240        24231496        .       +
        .
Parent=Smp_164130.1;Name=f1da3d2e-45d8-4283-8860-1c5b30d84e94
SM_V9_6 iris    exon    24233972        24234038        .       +
        .       Parent=Smp_164130.1;Name=5a6ca5e8-27ba-4550-8266-
cf51753da192
SM_V9_6 iris    exon    24234900        24235278        .       +
        .       Parent=Smp_164130.1;Name=eb7b7afb-c9f5-4e13-b378-
f5747091081a
SM_V9_6 iris    exon    24237462        24237547        .       +
        .       Parent=Smp_164130.1;Name=2dc7ec85-3916-4a4b-accb-
afb8dce18066
SM_V9_6 iris    exon    24240013        24240122        .       +
        .       Parent=Smp_164130.1;Name=c9a52710-e68f-4d59-b296-
a08952b75dad
SM_V9_6 iris    exon    24241850        24242061        .       +
        .       Parent=Smp_164130.1;Name=c702ad55-de90-4c5f-8c9f-
f52e0af69710
SM_V9_6 iris    exon    24243938        24244090        .       +
        .       Parent=Smp_164130.1;Name=2426e32a-7d20-4c8b-ab6d-
dfa63f720289
SM_V9_6 iris    exon    24244772        24244914        .       +
        .
Parent=Smp_164130.1;Name=16cbfeb3-63a5-4574-9c97-2022e7656de9
SM_V9_6 iris    exon    24246066        24246106        .       +
        .       Parent=Smp_164130.1;Name=e2e15df7-601f-45c4-
a6bf-46470b22d515
SM_V9_6 iris    exon    24248432        24248593        .       +
        .       Parent=Smp_164130.1;Name=df7533ce-3a70-4e14-b28a-
ef06af0283d7
SM_V9_6 iris    exon    24249741        24249885        .       +
        .       Parent=Smp_164130.1;Name=2b0371bf-f57f-4fca-
a62e-06cdd1b98d91
SM_V9_6 iris    exon    24251450        24251589        .       +
        .       Parent=Smp_164130.1;Name=bf191c3d-d4ab-4e2c-9d03-
c7f064106e4f
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SM_V9_6 iris    exon    24253870        24254700        .       +
        .       Parent=Smp_164130.1;Name=53a3ca76-8427-4779-9da0-
e1f5e245d963
SM_V9_6 iris    CDS     24161061        24161192        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24169602        24169910        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24172857        24172970        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24175866        24175985        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24176622        24176990        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24180314        24180500        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24181953        24182279        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24184850        24185478        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24189072        24189326        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24191414        24191804        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24197164        24197531        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24200308        24200831        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24203003        24203400        .       +
        1       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24206524        24206594        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24209695        24209848        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24210791        24210877        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24211690        24211763        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24212735        24213223        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24214444        24214799        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24216966        24217685        .       +
        1       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24222793        24223342        .       +
        1       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24225944        24226151        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24227258        24227545        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24229279        24229562        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24231240        24231496        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24233972        24234038        .       +
```

```
        1       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24234900        24235278        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24237462        24237547        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24240013        24240122        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24241850        24242061        .       +
        1       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24243938        24244090        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24244772        24244914        .       +
        2       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24246066        24246106        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24248432        24248593        .       +
        1       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24249741        24249885        .       +
        1       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24251450        24251589        .       +
        0       Parent=Smp_164130.1
SM_V9_6 iris    CDS     24253870        24254005        .       +
        1       Parent=Smp_164130.1
SM_V9_6 Liftoff gene    24335867        24348012        .       -
        .       ID=Smp_317800;geneID=Smp_317800
SM_V9_6 Liftoff mRNA    24335867        24348012        .       -
        .
ID=Smp_317800.1;Parent=Smp_317800;geneID=Smp_317800;product=Insulin;
polypeptide_domain=InterPro:IPR016179,IPR022353
Pfam:PF00049;Ontology_term=GO:0005179,GO:0005576
SM_V9_6 Liftoff exon    24335867        24336109        .       -
        .       Parent=Smp_317800.1
SM_V9_6 Liftoff exon    24347358        24348012        .       -
        .       Parent=Smp_317800.1
SM_V9_6 Liftoff CDS     24335964        24336109        .       -
        2       Parent=Smp_317800.1
SM_V9_6 Liftoff CDS     24347358        24347538        .       -
        0       Parent=Smp_317800.1
SM_V9_6 Liftoff gene    24350669        24350977        .       +
        .       ID=Smp_077790;geneID=Smp_077790
SM_V9_6 Liftoff mRNA    24350669        24350977        .       +
        .
ID=Smp_077790.1;Parent=Smp_077790;geneID=Smp_077790;product=Histone
H2B;polypeptide_domain=InterPro:IPR000558,IPR007125,IPR009072
Pfam:PF00125;Ontology_term=GO:0000786,GO:0003677,GO:0046982
SM_V9_6 Liftoff exon    24350669        24350977        .       +
        .       Parent=Smp_077790.1
SM_V9_6 Liftoff CDS     24350707        24350955        .       +
        0       Parent=Smp_077790.1
SM_V9_6 iris    gene    24357681        24371964        .       -
        .
ID=Smp_332250;geneID=Smp_332250;gene_name=Smp_332250;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    24357681        24371964        .       -
```

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        .
ID=Smp_332250.1;Parent=Smp_332250;geneID=Smp_332250;gene_name=Smp_33
2250;owner=irisadmin@local.host;orig_id=Smp_332250.1;date_last_modif
ied=2022-07-19;Name=Smp_332250.1;product=Visual pigment-like
receptor peropsin;date_creation=2022-07-19
SM_V9_6 iris    exon    24357681        24357970        .       -
        .       Parent=Smp_332250.1;Name=d211440a-3ab9-43e5-86fd-
cb6efaff8512
SM_V9_6 iris    exon    24361654        24361864        .       -
        .       Parent=Smp_332250.1;Name=2dac06dc-41a8-4222-a9a9-
ce2350404d7a
SM_V9_6 iris    exon    24364143        24364239        .       -
        .       Parent=Smp_332250.1;Name=32f21b93-e510-46df-
bf49-99fe593f6125
SM_V9_6 iris    exon    24366032        24366159        .       -
        .       Parent=Smp_332250.1;Name=e484cad7-9420-43c6-a9de-
d64ef2b0f8bd
SM_V9_6 iris    exon    24370374        24370536        .       -
        .       Parent=Smp_332250.1;Name=77e1ff26-136d-4c05-be52-
ac317549960e
SM_V9_6 iris    exon    24371830        24371964        .       -
        .       Parent=Smp_332250.1;Name=b14d60be-69ac-4d8f-b4e4-
b4e0984793ad
SM_V9_6 iris    CDS     24357752        24357970        .       -
        0       Parent=Smp_332250.1
SM_V9_6 iris    CDS     24361654        24361864        .       -
        1       Parent=Smp_332250.1
SM_V9_6 iris    CDS     24364143        24364239        .       -
        2       Parent=Smp_332250.1
SM_V9_6 iris    CDS     24366032        24366159        .       -
        1       Parent=Smp_332250.1
SM_V9_6 iris    CDS     24370374        24370536        .       -
        2       Parent=Smp_332250.1
SM_V9_6 iris    CDS     24371830        24371875        .       -
        0       Parent=Smp_332250.1
SM_V9_6 Liftoff gene    24373696        24375440        .       +
        .
ID=Smp_341280;geneID=Smp_341280;previous_systematic_id=Smp_077810
SM_V9_6 Liftoff mRNA    24373696        24375440        .       +
        .
ID=Smp_341280.1;Parent=Smp_341280;geneID=Smp_341280;product=Integrat
or complex subunit 13;polypeptide_domain=InterPro:IPR019355
Pfam:PF10221
SM_V9_6 Liftoff exon    24373696        24375440        .       +
        .       Parent=Smp_341280.1
SM_V9_6 Liftoff CDS     24374455        24375207        .       +
        0       Parent=Smp_341280.1
SM_V9_6 Liftoff gene    24377426        24390689        .       +
        .       ID=Smp_077820;geneID=Smp_077820
SM_V9_6 Liftoff mRNA    24377426        24390689        .       +
        .
ID=Smp_077820.1;Parent=Smp_077820;geneID=Smp_077820;product=Ankyrin
repeat, PH and SEC7 domain containing protein
secG;polypeptide_domain=InterPro:IPR002110,IPR020683
```

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Pfam:PF12796;Ontology_term=GO:0005515
SM_V9_6 Liftoff exon    24377426        24377588        .       +
        .       Parent=Smp_077820.1
SM_V9_6 Liftoff exon    24379496        24379543        .       +
        .       Parent=Smp_077820.1
SM_V9_6 Liftoff exon    24384025        24384074        .       +
        .       Parent=Smp_077820.1
SM_V9_6 Liftoff exon    24385451        24385531        .       +
        .       Parent=Smp_077820.1
SM_V9_6 Liftoff exon    24387135        24387222        .       +
        .       Parent=Smp_077820.1
SM_V9_6 Liftoff exon    24388440        24388565        .       +
        .       Parent=Smp_077820.1
SM_V9_6 Liftoff exon    24390425        24390689        .       +
        .       Parent=Smp_077820.1
SM_V9_6 Liftoff CDS     24377567        24377588        .       +
        0       Parent=Smp_077820.1
SM_V9_6 Liftoff CDS     24379496        24379543        .       +
        2       Parent=Smp_077820.1
SM_V9_6 Liftoff CDS     24384025        24384074        .       +
        2       Parent=Smp_077820.1
SM_V9_6 Liftoff CDS     24385451        24385531        .       +
        0       Parent=Smp_077820.1
SM_V9_6 Liftoff CDS     24387135        24387222        .       +
        0       Parent=Smp_077820.1
SM_V9_6 Liftoff CDS     24388440        24388565        .       +
        2       Parent=Smp_077820.1
SM_V9_6 Liftoff CDS     24390425        24390492        .       +
        2       Parent=Smp_077820.1
SM_V9_6 Liftoff gene    24400818        24423002        .       -
        .       ID=Smp_164150;geneID=Smp_164150
SM_V9_6 Liftoff mRNA    24400818        24423002        .       -
        .
ID=Smp_164150.1;Parent=Smp_164150;geneID=Smp_164150;product=Tau-
tubulin kinase homolog
Asator;polypeptide_domain=InterPro:IPR000719,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_6 Liftoff exon    24400818        24403658        .       -
        .       Parent=Smp_164150.1
SM_V9_6 Liftoff exon    24405299        24406605        .       -
        .       Parent=Smp_164150.1
SM_V9_6 Liftoff exon    24409434        24410952        .       -
        .       Parent=Smp_164150.1
SM_V9_6 Liftoff exon    24412665        24423002        .       -
        .       Parent=Smp_164150.1
SM_V9_6 Liftoff CDS     24402936        24403658        .       -
        0       Parent=Smp_164150.1
SM_V9_6 Liftoff CDS     24405299        24406605        .       -
        2       Parent=Smp_164150.1
SM_V9_6 Liftoff CDS     24409434        24410952        .       -
        0       Parent=Smp_164150.1
SM_V9_6 Liftoff CDS     24412665        24413765        .       -
        0       Parent=Smp_164150.1
SM_V9_6 Liftoff gene    24435825        24448364        .       +
```

```
        .
ID=Smp_248030;geneID=Smp_248030;previous_systematic_id=Smp_207060
SM_V9_6 Liftoff mRNA    24435825        24448364        .       +
        .
ID=Smp_248030.1;Parent=Smp_248030;geneID=Smp_248030;product=Probable
serine incorporator;polypeptide_domain=InterPro:IPR005016
Pfam:PF03348;Ontology_term=GO:0016020
SM_V9_6 Liftoff exon    24435825        24436788        .       +
        .       Parent=Smp_248030.1
SM_V9_6 Liftoff exon    24439022        24439258        .       +
        .       Parent=Smp_248030.1
SM_V9_6 Liftoff exon    24447647        24448364        .       +
        .       Parent=Smp_248030.1
SM_V9_6 Liftoff CDS     24435988        24436788        .       +
        0       Parent=Smp_248030.1
SM_V9_6 Liftoff CDS     24439022        24439258        .       +
        0       Parent=Smp_248030.1
SM_V9_6 Liftoff CDS     24447647        24447961        .       +
        0       Parent=Smp_248030.1
SM_V9_6 iris    gene    24458766        24472401        .       +
        .
ID=Smp_332260;geneID=Smp_332260;gene_name=Smp_332260;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_6 iris    mRNA    24458766        24472401        .       +
        .
ID=Smp_332260.1;Parent=Smp_332260;geneID=Smp_332260;gene_name=Smp_33
2260;owner=irisadmin@local.host;orig_id=Smp_332260.1;date_last_modif
ied=2022-08-14;Name=Smp_332260.1;product=Serine/arginine repetitive
matrix protein 1;date_creation=2022-08-14
SM_V9_6 iris    exon    24458766        24458832        .       +
        .       Parent=Smp_332260.1;Name=636a8c5c-29b7-4715-bf2c-
a4aeb34fc2df
SM_V9_6 iris    exon    24458875        24458964        .       +
        .       Parent=Smp_332260.1;Name=e7062330-3f51-4cc4-
b7b6-586078c26e62
SM_V9_6 iris    exon    24458995        24459117        .       +
        .       Parent=Smp_332260.1;Name=46c1d6be-db23-4cb0-bdba-
dd0644c02990
SM_V9_6 iris    exon    24460659        24460829        .       +
        .       Parent=Smp_332260.1;Name=9314cacc-
c4b7-4b2f-80ab-6a69d525eb5a
SM_V9_6 iris    exon    24461812        24461971        .       +
        .       Parent=Smp_332260.1;Name=76bf35f4-79ee-49dd-ac2f-
b49669789ff3
SM_V9_6 iris    exon    24464699        24464787        .       +
        .       Parent=Smp_332260.1;Name=8a21f367-c0e5-458f-
b3e6-73dfd866ae54
SM_V9_6 iris    exon    24465053        24465246        .       +
        .       Parent=Smp_332260.1;Name=8e14ba5b-71c1-40c1-a2de-
a7c1d2969400
SM_V9_6 iris    exon    24465428        24466074        .       +
        .       Parent=Smp_332260.1;Name=0b1ee936-394b-4969-
bf7c-293d97c27e1d
SM_V9_6 iris    exon    24468902        24469479        .       +
```

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        .
Parent=Smp_332260.1;Name=b4bf4b63-6970-4a10-93b8-01bfde4329b8
SM_V9_6 iris    exon    24471880        24472401        .       +
        .       Parent=Smp_332260.1;Name=6abd256e-
c1c4-42a1-8188-3fe0313494fc
SM_V9_6 iris    CDS     24458809        24458832        .       +
        0       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24458875        24458964        .       +
        0       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24458995        24459117        .       +
        0       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24460659        24460829        .       +
        0       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24461812        24461971        .       +
        0       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24464699        24464787        .       +
        2       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24465053        24465246        .       +
        0       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24465428        24466074        .       +
        1       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24468902        24469479        .       +
        2       Parent=Smp_332260.1
SM_V9_6 iris    CDS     24471880        24471975        .       +
        0       Parent=Smp_332260.1
SM_V9_6 iris    mRNA    24458766        24472401        .       +
        .
ID=Smp_332260.2;Parent=Smp_332260;geneID=Smp_332260;gene_name=Smp_33
2260;owner=irisadmin@local.host;date_last_modified=2022-08-14;Name=S
mp_332260.2;date_creation=2022-08-14
SM_V9_6 iris    exon    24458766        24458832        .       +
        .
Parent=Smp_332260.2;Name=42762a63-0b49-4220-92b0-27cbd3042031
SM_V9_6 iris    exon    24458875        24458964        .       +
        .
Parent=Smp_332260.2;Name=a530af13-1de1-48e2-9d1a-6c21cd713d56
SM_V9_6 iris    exon    24458995        24459117        .       +
        .       Parent=Smp_332260.2;Name=fb0ea509-
bfe5-4cd8-970a-64d1837acc7c
SM_V9_6 iris    exon    24460478        24460829        .       +
        .       Parent=Smp_332260.2;Name=17cb392f-e7e0-4c1d-
b467-6b12ae6c3f04
SM_V9_6 iris    exon    24461812        24461971        .       +
        .       Parent=Smp_332260.2;Name=7151fa95-d4d8-4ad6-
b964-32c8db556097
SM_V9_6 iris    exon    24464699        24464787        .       +
        .       Parent=Smp_332260.2;Name=85f592f2-2b97-46eb-
a2d9-508ee09f8c28
SM_V9_6 iris    exon    24465053        24465246        .       +
        .       Parent=Smp_332260.2;Name=5348e5f6-
a835-4f38-9dc6-65bb5eac114b
SM_V9_6 iris    exon    24465428        24466074        .       +
        .       Parent=Smp_332260.2;Name=16f95a2b-
ae26-44c7-819a-604407b39ca7
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SM_V9_6 iris    exon    24468902        24469479        .       +
        .       Parent=Smp_332260.2;Name=dd68418a-811f-4995-a793-
df5561b9287b
SM_V9_6 iris    exon    24471880        24472401        .       +
        .       Parent=Smp_332260.2;Name=8f84e6c6-557f-43e0-9b6f-
cdfc88975111
SM_V9_6 iris    CDS     24460761        24460829        .       +
        0       Parent=Smp_332260.2
SM_V9_6 iris    CDS     24461812        24461971        .       +
        0       Parent=Smp_332260.2
SM_V9_6 iris    CDS     24464699        24464787        .       +
        2       Parent=Smp_332260.2
SM_V9_6 iris    CDS     24465053        24465246        .       +
        0       Parent=Smp_332260.2
SM_V9_6 iris    CDS     24465428        24466074        .       +
        1       Parent=Smp_332260.2
SM_V9_6 iris    CDS     24468902        24469479        .       +
        2       Parent=Smp_332260.2
SM_V9_6 iris    CDS     24471880        24471975        .       +
        0       Parent=Smp_332260.2
SM_V9_6 iris    gene    24479072        24482083        .       +
        .
ID=Smp_317810;geneID=Smp_317810;gene_name=Smp_317810;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    24479072        24482083        .       +
        .
ID=Smp_317810.1;Parent=Smp_317810;geneID=Smp_317810;gene_name=Smp_31
7810;owner=irisadmin@local.host;orig_id=Smp_317810.1;date_last_modif
ied=2022-07-19;Name=Smp_317810.1;product=Putative COX1/OXI3 intron 2
protein;date_creation=2022-07-19
SM_V9_6 iris    exon    24479072        24479220        .       +
        .       Parent=Smp_317810.1;Name=1bb35728-2d8d-4ad8-
b9ae-45cfbe29c29e
SM_V9_6 iris    exon    24481164        24482083        .       +
        .
Parent=Smp_317810.1;Name=449c0232-09b4-4bcf-89bb-98343e19fd50
SM_V9_6 iris    CDS     24479133        24479220        .       +
        0       Parent=Smp_317810.1
SM_V9_6 iris    CDS     24481164        24481330        .       +
        2       Parent=Smp_317810.1
SM_V9_6 iris    gene    24495294        24496883        .       +
        .
ID=Smp_077850;geneID=Smp_077850;gene_name=Smp_077850;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    24495294        24496883        .       +
        .
ID=Smp_077850.1;Parent=Smp_077850;geneID=Smp_077850;gene_name=Smp_07
7850;owner=irisadmin@local.host;orig_id=Smp_077850.1;date_last_modif
ied=2022-07-19;Name=Smp_077850.1;product=Actin;date_creation=2022-07
-19
SM_V9_6 iris    exon    24495294        24495346        .       +
        .
Parent=Smp_077850.1;Name=04a52a6f-7044-422a-9126-027472ca3608
SM_V9_6 iris    exon    24495421        24496883        .       +
```

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        .
Parent=Smp_077850.1;Name=ae974967-630c-4aa1-936e-2ea17c4e7794
SM_V9_6 iris    CDS     24495430        24496548        .       +
        0       Parent=Smp_077850.1
SM_V9_6 iris    gene    24520724        24523082        .       +
        .
ID=Smp_317820;geneID=Smp_317820;gene_name=Smp_317820;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    24520724        24523082        .       +
        .
ID=Smp_317820.1;Parent=Smp_317820;geneID=Smp_317820;gene_name=Smp_31
7820;owner=irisadmin@local.host;orig_id=Smp_317820.1;date_last_modif
ied=2022-07-19;Name=Smp_317820.1;product=Prenyl
transferase;date_creation=2022-07-19
SM_V9_6 iris    exon    24520724        24520895        .       +
        .       Parent=Smp_317820.1;Name=aed88dde-ff57-4b0d-9696-
b03527299f43
SM_V9_6 iris    exon    24522978        24523082        .       +
        .       Parent=Smp_317820.1;Name=dc455627-5395-4393-b5b5-
a9553dc87d76
SM_V9_6 iris    CDS     24520731        24520889        .       +
        0       Parent=Smp_317820.1
SM_V9_6 Liftoff gene    24524727        24526262        .       -
        .       ID=Smp_077860;geneID=Smp_077860
SM_V9_6 Liftoff mRNA    24524727        24526262        .       -
        .
ID=Smp_077860.1;Parent=Smp_077860;geneID=Smp_077860;product=Actin-1;
polypeptide_domain=InterPro:IPR004000,IPR004001 Pfam:PF00022
SM_V9_6 Liftoff exon    24524727        24526262        .       -
        .       Parent=Smp_077860.1
SM_V9_6 Liftoff CDS     24525035        24526177        .       -
        0       Parent=Smp_077860.1
SM_V9_6 Liftoff gene    24545899        24553460        .       +
        .
ID=Smp_198290;geneID=Smp_198290;previous_systematic_id=Smp_021920
SM_V9_6 Liftoff mRNA    24545899        24553460        .       +
        .
ID=Smp_198290.1;Parent=Smp_198290;geneID=Smp_198290;product=Telomere
repeat-binding factor
4;polypeptide_domain=InterPro:IPR009057,IPR017877;Ontology_term=GO:0
003677
SM_V9_6 Liftoff exon    24545899        24546050        .       +
        .       Parent=Smp_198290.1
SM_V9_6 Liftoff exon    24546082        24546374        .       +
        .       Parent=Smp_198290.1
SM_V9_6 Liftoff exon    24549363        24549467        .       +
        .       Parent=Smp_198290.1
SM_V9_6 Liftoff exon    24549505        24549563        .       +
        .       Parent=Smp_198290.1
SM_V9_6 Liftoff exon    24549601        24549787        .       +
        .       Parent=Smp_198290.1
SM_V9_6 Liftoff exon    24550629        24550773        .       +
        .       Parent=Smp_198290.1
SM_V9_6 Liftoff exon    24552432        24552599        .       +
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        .       Parent=Smp_198290.1
SM_V9_6 Liftoff exon    24553054        24553460        .       +
        .       Parent=Smp_198290.1
SM_V9_6 Liftoff CDS     24545948        24546050        .       +
        0       Parent=Smp_198290.1
SM_V9_6 Liftoff CDS     24546082        24546374        .       +
        2       Parent=Smp_198290.1
SM_V9_6 Liftoff CDS     24549363        24549467        .       +
        0       Parent=Smp_198290.1
SM_V9_6 Liftoff CDS     24549505        24549563        .       +
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SM_V9_6 Liftoff CDS     24549601        24549787        .       +
        1       Parent=Smp_198290.1
SM_V9_6 Liftoff CDS     24550629        24550773        .       +
        0       Parent=Smp_198290.1
SM_V9_6 Liftoff CDS     24552432        24552599        .       +
        2       Parent=Smp_198290.1
SM_V9_6 Liftoff CDS     24553054        24553403        .       +
        2       Parent=Smp_198290.1
SM_V9_6 iris    gene    24568463        24579540        .       -
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ID=Smp_314170;geneID=Smp_314170;gene_name=Smp_314170;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    24568463        24579540        .       -
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ID=Smp_314170.1;Parent=Smp_314170;geneID=Smp_314170;gene_name=Smp_31
4170;owner=irisadmin@local.host;orig_id=Smp_314170.1;date_last_modif
ied=2022-07-19;Name=Smp_314170.1;product=Endoglycoceramidase;date_cr
eation=2022-07-19
SM_V9_6 iris    exon    24568463        24568925        .       -
        .       Parent=Smp_314170.1;Name=747c7e8b-a101-4513-
b6e5-2e4d7b75bc7e
SM_V9_6 iris    exon    24570932        24571156        .       -
        .       Parent=Smp_314170.1;Name=7dc31d12-0bc4-4928-b306-
d8f6c5fe047d
SM_V9_6 iris    exon    24572796        24573079        .       -
        .       Parent=Smp_314170.1;Name=94d92b56-07f8-404b-
bb6d-3b716958ff76
SM_V9_6 iris    exon    24578331        24579540        .       -
        .       Parent=Smp_314170.1;Name=67d1fd6d-3187-4959-
a275-133b638168f3
SM_V9_6 iris    CDS     24568596        24568925        .       -
        0       Parent=Smp_314170.1
SM_V9_6 iris    CDS     24570932        24571156        .       -
        0       Parent=Smp_314170.1
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        2       Parent=Smp_314170.1
SM_V9_6 iris    CDS     24578331        24579090        .       -
        0       Parent=Smp_314170.1
SM_V9_6 iris    gene    24635921        24650265        .       -
        .
ID=Smp_334820;geneID=Smp_334820;gene_name=Smp_334820;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_6 iris    mRNA    24635921        24650265        .       -
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ied=2022-07-19;Name=Smp_334820.1;product=Biosynthetic arginine
decarboxylase;date_creation=2022-07-19
SM_V9_6 iris    exon    24635921        24635984        .       -
        .       Parent=Smp_334820.1;Name=2d0d4978-ac55-4592-
b094-11da3e944d08
SM_V9_6 iris    exon    24636845        24636867        .       -
        .
Parent=Smp_334820.1;Name=ff2f4f3b-078d-4a0f-96c5-3abce2522c21
SM_V9_6 iris    exon    24638002        24638126        .       -
        .
Parent=Smp_334820.1;Name=ad2eb340-5e27-48a4-89a9-5c615f06e4c5
SM_V9_6 iris    exon    24639906        24639922        .       -
        .       Parent=Smp_334820.1;Name=a4a82b21-f708-4d1b-
b5fd-9f5fccc12868
SM_V9_6 iris    exon    24649873        24650265        .       -
        .       Parent=Smp_334820.1;Name=88e4b32a-
e47c-47a6-96dd-43a059445dc4
SM_V9_6 iris    CDS     24635949        24635984        .       -
        0       Parent=Smp_334820.1
SM_V9_6 iris    CDS     24636845        24636867        .       -
        2       Parent=Smp_334820.1
SM_V9_6 iris    CDS     24638002        24638126        .       -
        1       Parent=Smp_334820.1
SM_V9_6 iris    CDS     24639906        24639922        .       -
        0       Parent=Smp_334820.1
SM_V9_6 iris    CDS     24649873        24649914        .       -
        0       Parent=Smp_334820.1
SM_V9_6 Liftoff gene    24651972        24671415        .       -
        .
ID=Smp_341290;geneID=Smp_341290;previous_systematic_id=Smp_077880
SM_V9_6 Liftoff mRNA    24651972        24671415        .       -
        .
ID=Smp_341290.1;Parent=Smp_341290;geneID=Smp_341290;product=Annexin
A10;polypeptide_domain=InterPro:IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_6 Liftoff exon    24651972        24652340        .       -
        .       Parent=Smp_341290.1
SM_V9_6 Liftoff exon    24654103        24654215        .       -
        .       Parent=Smp_341290.1
SM_V9_6 Liftoff exon    24656457        24656532        .       -
        .       Parent=Smp_341290.1
SM_V9_6 Liftoff exon    24657760        24657844        .       -
        .       Parent=Smp_341290.1
SM_V9_6 Liftoff exon    24660345        24660543        .       -
        .       Parent=Smp_341290.1
SM_V9_6 Liftoff exon    24661538        24661736        .       -
        .       Parent=Smp_341290.1
SM_V9_6 Liftoff exon    24662606        24671415        .       -
        .       Parent=Smp_341290.1
SM_V9_6 Liftoff CDS     24652218        24652340        .       -
        0       Parent=Smp_341290.1
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SM_V9_6 Liftoff CDS     24654103        24654215        .       -
        2       Parent=Smp_341290.1
SM_V9_6 Liftoff CDS     24656457        24656532        .       -
        0       Parent=Smp_341290.1
SM_V9_6 Liftoff CDS     24657760        24657844        .       -
        1       Parent=Smp_341290.1
SM_V9_6 Liftoff CDS     24660345        24660543        .       -
        2       Parent=Smp_341290.1
SM_V9_6 Liftoff CDS     24661538        24661736        .       -
        0       Parent=Smp_341290.1
SM_V9_6 Liftoff CDS     24662606        24662686        .       -
        0       Parent=Smp_341290.1
SM_V9_7 Liftoff gene    70074   86906   .       +       .
ID=Smp_348060;geneID=Smp_348060
SM_V9_7 Liftoff mRNA    70074   86906   .       +       .
ID=Smp_348060.1;Parent=Smp_348060;geneID=Smp_348060;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR013780,IPR01785
3 Pfam:PF00150;Ontology_term=GO:0005975,GO:0004553
SM_V9_7 Liftoff exon    70074   71160   .       +       .
Parent=Smp_348060.1
SM_V9_7 Liftoff exon    76714   76997   .       +       .
Parent=Smp_348060.1
SM_V9_7 Liftoff exon    79203   79427   .       +       .
Parent=Smp_348060.1
SM_V9_7 Liftoff exon    86445   86906   .       +       .
Parent=Smp_348060.1
SM_V9_7 Liftoff CDS     70398   71160   .       +       0
Parent=Smp_348060.1
SM_V9_7 Liftoff CDS     76714   76997   .       +       2
Parent=Smp_348060.1
SM_V9_7 Liftoff CDS     79203   79427   .       +       0
Parent=Smp_348060.1
SM_V9_7 Liftoff CDS     86445   86774   .       +       0
Parent=Smp_348060.1
SM_V9_7 Liftoff gene    81336   82662   .       -       .
ID=Smp_334830;geneID=Smp_334830;note=psid:Smp_193630
SM_V9_7 Liftoff mRNA    81336   82662   .       -       .
ID=Smp_334830.1;Parent=Smp_334830;geneID=Smp_334830;product=G-
protein coupled receptor family C group 6 member
A;polypeptide_domain=InterPro:IPR000477
SM_V9_7 Liftoff exon    81336   82662   .       -       .
Parent=Smp_334830.1
SM_V9_7 Liftoff CDS     81583   82620   .       -       0
Parent=Smp_334830.1
SM_V9_7 iris    gene    261417  273612  .       -       .
ID=Smp_316780;geneID=Smp_316780;gene_name=Smp_316780;owner=irisadmin
@local.host;date_last_modified=2022-08-01;date_creation=2022-07-29
SM_V9_7 iris    mRNA    261417  273612  .       -       .
ID=Smp_316780.1;Parent=Smp_316780;geneID=Smp_316780;gene_name=Smp_31
6780;owner=irisadmin@local.host;orig_id=Smp_316780.1;date_last_modif
ied=2022-08-01;Name=Smp_316780.1;product=Conserved oligomeric Golgi
complex subunit 4;date_creation=2022-07-29
SM_V9_7 iris    exon    261417  261650  .       -       .
Parent=Smp_316780.1;Name=98506111-ed23-4f66-8869-7a0e8202f86b
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SM_V9_7 iris    exon    263813  263962  .       -       .
Parent=Smp_316780.1;Name=d725a9d9-18a3-4c9e-a157-49202dd43135
SM_V9_7 iris    exon    267235  267449  .       -       .
Parent=Smp_316780.1;Name=7c4af057-a78d-4d58-9787-5e6fa31cd7eb
SM_V9_7 iris    exon    268924  269096  .       -       .
Parent=Smp_316780.1;Name=8edac89e-640a-49bd-b9d0-1e0c468aeec0
SM_V9_7 iris    exon    272600  272685  .       -       .
Parent=Smp_316780.1;Name=33f81cff-8b28-4cb4-acac-95f23c9557a1
SM_V9_7 iris    exon    273488  273612  .       -       .
Parent=Smp_316780.1;Name=87f511dd-aad7-4f1c-a1e5-e3dac54c4991
SM_V9_7 iris    CDS     261501  261650  .       -       0
Parent=Smp_316780.1
SM_V9_7 iris    CDS     263813  263962  .       -       0
Parent=Smp_316780.1
SM_V9_7 iris    CDS     267235  267449  .       -       2
Parent=Smp_316780.1
SM_V9_7 iris    CDS     268924  269096  .       -       1
Parent=Smp_316780.1
SM_V9_7 iris    CDS     272600  272685  .       -       0
Parent=Smp_316780.1
SM_V9_7 iris    CDS     273488  273493  .       -       0
Parent=Smp_316780.1
SM_V9_7 iris    gene    316425  323795  .       +       .
ID=Smp_349080;geneID=Smp_349080;gene_name=Smp_349080;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-07-16
SM_V9_7 iris    mRNA    316426  323795  .       +       .
ID=Smp_349080.1;Parent=Smp_349080;geneID=Smp_349080;gene_name=Smp_34
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mp_349080.1;date_creation=2022-07-16
SM_V9_7 iris    exon    316426  316525  .       +       .
Parent=Smp_349080.1;Name=Smp_349080.1-CDS
SM_V9_7 iris    exon    316609  316753  .       +       .
Parent=Smp_349080.1;Name=ee5b8776-93db-4af7-9869-95ea9efc10af
SM_V9_7 iris    exon    316790  316879  .       +       .
Parent=Smp_349080.1;Name=0a671879-3fd0-4147-bab5-1758930a2908
SM_V9_7 iris    exon    316937  317006  .       +       .
Parent=Smp_349080.1;Name=93358763-be61-42ec-a29c-346f495e0932
SM_V9_7 iris    exon    317391  317471  .       +       .
Parent=Smp_349080.1;Name=b19313f7-ca90-4b09-ac79-68e74627dde1
SM_V9_7 iris    exon    318525  318575  .       +       .
Parent=Smp_349080.1;Name=b95d4f8d-0769-4acf-8bce-218d9bd37155
SM_V9_7 iris    exon    319406  319470  .       +       .
Parent=Smp_349080.1;Name=edad2b15-af05-47c2-ab41-c101fa808ac9
SM_V9_7 iris    exon    320159  320225  .       +       .
Parent=Smp_349080.1;Name=152f8117-5e84-4f82-a502-c2532a9d8eaa
SM_V9_7 iris    exon    320919  321014  .       +       .
Parent=Smp_349080.1;Name=a992b6f3-97b2-45bd-a642-725a4357458f
SM_V9_7 iris    exon    322256  322404  .       +       .
Parent=Smp_349080.1;Name=26277ce6-7a52-4a0c-8ccf-4164a8cf8ba4
SM_V9_7 iris    exon    323188  323795  .       +       .
Parent=Smp_349080.1;Name=a441c59e-0e15-4341-9554-eb7f22df3c8e
SM_V9_7 iris    CDS     316521  316525  .       +       0
Parent=Smp_349080.1
SM_V9_7 iris    CDS     316609  316753  .       +       1
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Parent=Smp_349080.1
SM_V9_7 iris    CDS     316790  316879  .       +       0
Parent=Smp_349080.1
SM_V9_7 iris    CDS     316937  317006  .       +       0
Parent=Smp_349080.1
SM_V9_7 iris    CDS     317391  317471  .       +       2
Parent=Smp_349080.1
SM_V9_7 iris    CDS     318525  318575  .       +       2
Parent=Smp_349080.1
SM_V9_7 iris    CDS     319406  319470  .       +       2
Parent=Smp_349080.1
SM_V9_7 iris    CDS     320159  320225  .       +       0
Parent=Smp_349080.1
SM_V9_7 iris    CDS     320919  321014  .       +       2
Parent=Smp_349080.1
SM_V9_7 iris    CDS     322256  322404  .       +       2
Parent=Smp_349080.1
SM_V9_7 iris    CDS     323188  323259  .       +       0
Parent=Smp_349080.1
SM_V9_7 Liftoff gene    371341  371904  .       +       .
ID=Smp_182090;geneID=Smp_182090
SM_V9_7 Liftoff mRNA    371341  371904  .       +       .
ID=Smp_182090.1;Parent=Smp_182090;geneID=Smp_182090;product=Vacuolar
fusion protein mon1
SM_V9_7 Liftoff exon    371341  371904  .       +       .
Parent=Smp_182090.1
SM_V9_7 Liftoff CDS     371440  371628  .       +       0
Parent=Smp_182090.1
SM_V9_7 Liftoff gene    377666  391130  .       +       .
ID=Smp_316790;geneID=Smp_316790
SM_V9_7 Liftoff mRNA    377666  391130  .       +       .
ID=Smp_316790.1;Parent=Smp_316790;geneID=Smp_316790;product=Endoglyc
oceramidase;polypeptide_domain=InterPro:IPR001547,IPR017853
Pfam:PF00150;Ontology_term=GO:0004553,GO:0005975
SM_V9_7 Liftoff exon    377666  378719  .       +       .
Parent=Smp_316790.1
SM_V9_7 Liftoff exon    383952  384235  .       +       .
Parent=Smp_316790.1
SM_V9_7 Liftoff exon    386953  391130  .       +       .
Parent=Smp_316790.1
SM_V9_7 Liftoff CDS     377960  378719  .       +       0
Parent=Smp_316790.1
SM_V9_7 Liftoff CDS     383952  384235  .       +       2
Parent=Smp_316790.1
SM_V9_7 Liftoff CDS     386953  387012  .       +       0
Parent=Smp_316790.1
SM_V9_7 iris    gene    423697  426672  .       -       .
ID=Smp_316470;geneID=Smp_316470;gene_name=Smp_316470;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    423697  426672  .       -       .
ID=Smp_316470.1;Parent=Smp_316470;geneID=Smp_316470;gene_name=Smp_31
6470;owner=irisadmin@local.host;orig_id=Smp_316470.1;date_last_modif
ied=2022-07-16;Name=Smp_316470.1;product=Capsid polyprotein
VP90;date_creation=2022-07-16
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SM_V9_7 iris    exon    423697  423795  .       -       .
Parent=Smp_316470.1;Name=ec9d4274-c274-4b72-a21a-5d377d750723
SM_V9_7 iris    exon    424206  424211  .       -       .
Parent=Smp_316470.1;Name=adaede84-044f-4a70-b286-8340f4d8914e
SM_V9_7 iris    exon    424559  424576  .       -       .
Parent=Smp_316470.1;Name=b9ddead3-03cc-4b8e-aca3-6d6978ab7528
SM_V9_7 iris    exon    425342  425371  .       -       .
Parent=Smp_316470.1;Name=884f1e6a-e2ba-4eae-aaed-8de10bbff2b2
SM_V9_7 iris    exon    426158  426179  .       -       .
Parent=Smp_316470.1;Name=b0ffd253-bb2c-418c-b1c7-57010d94a20a
SM_V9_7 iris    exon    426651  426672  .       -       .
Parent=Smp_316470.1;Name=b59727e8-d200-47bc-8e30-28a85db42490
SM_V9_7 iris    CDS     423778  423795  .       -       0
Parent=Smp_316470.1
SM_V9_7 iris    CDS     424206  424211  .       -       0
Parent=Smp_316470.1
SM_V9_7 iris    CDS     424559  424576  .       -       0
Parent=Smp_316470.1
SM_V9_7 iris    CDS     425342  425371  .       -       0
Parent=Smp_316470.1
SM_V9_7 iris    CDS     426158  426179  .       -       1
Parent=Smp_316470.1
SM_V9_7 iris    CDS     426651  426670  .       -       0
Parent=Smp_316470.1
SM_V9_7 Liftoff gene    499857  517337  .       -       .
ID=Smp_316480;geneID=Smp_316480
SM_V9_7 Liftoff mRNA    499857  517337  .       -       .
ID=Smp_316480.1;Parent=Smp_316480;geneID=Smp_316480;product=Thioredo
xin-like protein YtpP
SM_V9_7 Liftoff exon    499857  517337  .       -       .
Parent=Smp_316480.1
SM_V9_7 Liftoff CDS     514734  514997  .       -       0
Parent=Smp_316480.1
SM_V9_7 Liftoff gene    599101  617414  .       +       .
ID=Smp_316490;geneID=Smp_316490
SM_V9_7 Liftoff mRNA    599101  617414  .       +       .
ID=Smp_316490.1;Parent=Smp_316490;geneID=Smp_316490;product=Annexin
A10;polypeptide_domain=InterPro:IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_7 Liftoff exon    599101  599220  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    599915  599931  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    600926  601050  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    602048  602142  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    603043  603241  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    604228  604426  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    607276  607360  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    608621  608696  .       +       .
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Parent=Smp_316490.1
SM_V9_7 Liftoff exon    611456  611568  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff exon    617016  617414  .       +       .
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     599155  599220  .       +       0
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     599915  599931  .       +       0
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     600926  601050  .       +       1
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     602048  602142  .       +       2
Parent=Smp_316490.1
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Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     604228  604426  .       +       2
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     607276  607360  .       +       1
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     608621  608696  .       +       0
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     611456  611568  .       +       2
Parent=Smp_316490.1
SM_V9_7 Liftoff CDS     617016  617210  .       +       0
Parent=Smp_316490.1
SM_V9_7 Liftoff mRNA    599130  617381  .       +       .
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SM_V9_7 Liftoff exon    789497  789565  .       +       .
Parent=Smp_346710.1
SM_V9_7 Liftoff exon    812614  812655  .       +       .
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SM_V9_7 Liftoff exon    812753  812821  .       +       .
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SM_V9_7 Liftoff exon    813795  813863  .       +       .
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SM_V9_7 Liftoff exon    814645  814818  .       +       .
Parent=Smp_346710.1
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ID=Smp_317990;geneID=Smp_317990
SM_V9_7 Liftoff mRNA    845679  866442  .       +       .
ID=Smp_317990.1;Parent=Smp_317990;geneID=Smp_317990;product=Plexin
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SM_V9_7 Liftoff exon    845679  845793  .       +       .
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SM_V9_7 Liftoff exon    845986  846055  .       +       .
Parent=Smp_317990.1
SM_V9_7 Liftoff exon    847676  847780  .       +       .
Parent=Smp_317990.1
SM_V9_7 Liftoff exon    851032  851103  .       +       .
Parent=Smp_317990.1
SM_V9_7 Liftoff exon    852951  853006  .       +       .
Parent=Smp_317990.1
SM_V9_7 Liftoff exon    856085  856160  .       +       .
Parent=Smp_317990.1
SM_V9_7 Liftoff exon    857286  857381  .       +       .
Parent=Smp_317990.1
SM_V9_7 Liftoff exon    861685  861830  .       +       .
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Parent=Smp_317990.1
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Parent=Smp_317990.1
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SM_V9_7 Liftoff CDS     861685  861830  .       +       2
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Parent=Smp_317990.1
SM_V9_7 Liftoff CDS     866296  866361  .       +       0
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SM_V9_7 Liftoff mRNA    845679  866442  .       +       .
ID=Smp_317990.2;Parent=Smp_317990;geneID=Smp_317990;product=Plexin
domain-containing protein 1
SM_V9_7 Liftoff exon    845679  845793  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    845986  846055  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    847676  847780  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    851032  851103  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    852951  853006  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    856085  856160  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    857286  857381  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    861685  861830  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    863714  864200  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff exon    866296  866442  .       +       .
Parent=Smp_317990.2
SM_V9_7 Liftoff CDS     845716  845793  .       +       0
Parent=Smp_317990.2
SM_V9_7 Liftoff CDS     845986  846055  .       +       0
Parent=Smp_317990.2
SM_V9_7 Liftoff CDS     847676  847780  .       +       2
Parent=Smp_317990.2
SM_V9_7 Liftoff CDS     851032  851103  .       +       2
Parent=Smp_317990.2
SM_V9_7 Liftoff CDS     852951  853006  .       +       2
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Parent=Smp_317990.2
SM_V9_7 Liftoff CDS     856085  856160  .       +       0
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SM_V9_7 Liftoff CDS     857286  857381  .       +       2
Parent=Smp_317990.2
SM_V9_7 Liftoff CDS     861685  861830  .       +       2
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SM_V9_7 Liftoff CDS     863714  864200  .       +       0
Parent=Smp_317990.2
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Parent=Smp_317990.2
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@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    871619  908275  .       -       .
ID=Smp_181270.1;Parent=Smp_181270;geneID=Smp_181270;gene_name=Smp_18
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ied=2022-07-16;Name=Smp_181270.1;product=Protein couch
potato;date_creation=2022-07-16
SM_V9_7 iris    exon    871619  872530  .       -       .
Parent=Smp_181270.1;Name=221b15ed-2210-453a-bfd6-5badb5a8d5af
SM_V9_7 iris    exon    874989  875207  .       -       .
Parent=Smp_181270.1;Name=a63e0eae-bcd3-4d24-8628-c1ce6d8a569a
SM_V9_7 iris    exon    875876  876283  .       -       .
Parent=Smp_181270.1;Name=8b8955a2-0740-4a17-86b8-458ba08aa286
SM_V9_7 iris    exon    877304  877488  .       -       .
Parent=Smp_181270.1;Name=8af5c9ca-1eb9-4b4f-a635-ca412cdfb19b
SM_V9_7 iris    exon    879206  879476  .       -       .
Parent=Smp_181270.1;Name=17efa6b4-1688-4c23-9406-8346eb2fc19f
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Parent=Smp_181270.1;Name=0fd9c22e-beb3-4155-884a-5a3f3e754e41
SM_V9_7 iris    exon    885372  885425  .       -       .
Parent=Smp_181270.1;Name=2fa639e6-85e0-4317-a010-4abe41d5f50e
SM_V9_7 iris    exon    896119  896202  .       -       .
Parent=Smp_181270.1;Name=9b4b9c49-2408-46b1-a482-3b98a8e4c488
SM_V9_7 iris    exon    907721  908275  .       -       .
Parent=Smp_181270.1;Name=c8720910-55df-48a9-94d6-c871b2a29470
SM_V9_7 iris    CDS     872519  872530  .       -       0
Parent=Smp_181270.1
SM_V9_7 iris    CDS     874989  875207  .       -       0
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SM_V9_7 iris    CDS     879206  879476  .       -       0
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SM_V9_7 Liftoff mRNA    924156  929685  .       -       .
ID=Smp_105780.1;Parent=Smp_105780;geneID=Smp_105780;product=Hypothet
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SM_V9_7 Liftoff exon    924156  926142  .       -       .
Parent=Smp_105780.1
SM_V9_7 Liftoff exon    928662  929685  .       -       .
Parent=Smp_105780.1
SM_V9_7 Liftoff CDS     924469  926142  .       -       0
Parent=Smp_105780.1
SM_V9_7 Liftoff CDS     928662  929426  .       -       0
Parent=Smp_105780.1
SM_V9_7 Liftoff gene    958923  1011168 .       +       .
ID=Smp_341770;geneID=Smp_341770;previous_systematic_id=Smp_105760
SM_V9_7 Liftoff mRNA    958923  1011168 .       +       .
ID=Smp_341770.1;Parent=Smp_341770;geneID=Smp_341770;product=Innexin
unc-7;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_7 Liftoff exon    958923  992180  .       +       .
Parent=Smp_341770.1
SM_V9_7 Liftoff exon    997582  997951  .       +       .
Parent=Smp_341770.1
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Parent=Smp_341770.1
SM_V9_7 Liftoff exon    1002563 1002766 .       +       .
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SM_V9_7 Liftoff CDS     992024  992180  .       +       0
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SM_V9_7 Liftoff CDS     1002563 1002766 .       +       2
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SM_V9_7 Liftoff CDS     1006936 1007236 .       +       2
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ID=Smp_300490;geneID=Smp_300490;gene_name=Smp_300490;owner=irisadmin
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SM_V9_7 iris    exon    1024753 1025446 .       -       .
Parent=Smp_300490.1;Name=70b390c1-1b82-475a-9d4b-2ddc0afaad28
SM_V9_7 iris    exon    1031714 1031851 .       -       .
Parent=Smp_300490.1;Name=5beba7c0-cf15-4af3-b819-d51aeef58a87
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Parent=Smp_300490.1;Name=c86341b1-13fb-4c75-8024-5eeb366a92d7
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Parent=Smp_300490.1;Name=59b74368-2100-48d3-acc2-30c8ad995609
SM_V9_7 iris    exon    1043020 1043539 .       -       .
Parent=Smp_300490.1;Name=ca7e5da4-fd75-4a2b-9133-67b63406be0b
SM_V9_7 iris    exon    1045227 1045770 .       -       .
Parent=Smp_300490.1;Name=81fa8e7d-a8ef-44e9-bc66-e7c0502ddd92
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Parent=Smp_300490.1;Name=84bb96d8-c10a-4c64-bfcd-957ddcd78b6e
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SM_V9_7 iris    CDS     1043020 1043539 .       -       2
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ID=Smp_181250;geneID=Smp_181250;gene_name=Smp_181250;owner=irisadmin
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SM_V9_7 iris    mRNA    1162773 1226525 .       -       .
ID=Smp_181250.1;Parent=Smp_181250;geneID=Smp_181250;gene_name=Smp_18
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2022-11-06
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Parent=Smp_181250.1;Name=922ee667-ace9-4786-8b15-46c7f81c4351
SM_V9_7 iris    exon    1166476 1166724 .       -       .
Parent=Smp_181250.1;Name=007b5a2d-7659-4ca7-a161-d952f669cba2
SM_V9_7 iris    exon    1168092 1168250 .       -       .
Parent=Smp_181250.1;Name=eaa10181-d1f7-47d3-9b96-8d17d80b01ed
SM_V9_7 iris    exon    1168947 1169183 .       -       .
Parent=Smp_181250.1;Name=09e10ef2-20be-4ee4-be7b-bbd17f79de21
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Parent=Smp_181250.1;Name=214e0721-f9d6-4713-800b-5889b4f36098
SM_V9_7 iris    exon    1188472 1188665 .       -       .
Parent=Smp_181250.1;Name=43734439-a69d-48ad-8c1a-690527c5992e
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Parent=Smp_181250.1;Name=8e07df87-5227-4c2e-8886-7b8f143e8016
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Parent=Smp_181250.1
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Parent=Smp_181250.1
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ID=Smp_246130;geneID=Smp_246130;previous_systematic_id=Smp_119340,Sm
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SM_V9_7 Liftoff mRNA    1276427 1315387 .       -       .
ID=Smp_246130.1;Parent=Smp_246130;geneID=Smp_246130;product=Neuronal
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alpha-3;polypeptide_domain=InterPro:IPR006029,IPR006201,IPR006202,IP
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Pfam:PF02931,PF02932;Ontology_term=GO:0005216,GO:0005230,GO:0006811,
GO:0016021
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Parent=Smp_130370.1;Name=9f0a3bac-d988-4e57-bc4c-5b81bf021cf0
SM_V9_7 iris    exon    1395440 1396004 .       -       .
Parent=Smp_130370.1;Name=100564f6-ee02-4359-ab69-59eb7d152d0f
SM_V9_7 iris    CDS     1381745 1382190 .       -       2
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Pfam:PF01529
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beta';date_creation=2022-07-16
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SM_V9_7 iris    exon    1450459 1450626 .       +       .
Parent=Smp_015090.1;Name=c8fc8efb-25b8-4f3d-8049-75488f75e77e
SM_V9_7 iris    exon    1452357 1452646 .       +       .
Parent=Smp_015090.1;Name=76e82fa5-62af-4fd9-99b1-881dd9941879
SM_V9_7 iris    exon    1452901 1453225 .       +       .
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Parent=Smp_015090.1;Name=797e91a4-9fcf-489d-8edd-731392b5f043
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SM_V9_7 iris    exon    1461591 1461794 .       +       .
Parent=Smp_015090.1;Name=019e7c73-3174-489f-a2de-1a85b09ee65c
SM_V9_7 iris    exon    1463668 1463949 .       +       .
Parent=Smp_015090.1;Name=6c2ae615-3a32-4dee-9f63-58e78ff657d8
SM_V9_7 iris    exon    1465640 1465852 .       +       .
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ID=Smp_130340;geneID=Smp_130340;gene_name=Smp_130340 ;owner=irisadmi
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SM_V9_7 iris    mRNA    1476087 1538668 .       -       .
ID=Smp_130340.1;Parent=Smp_130340;geneID=Smp_130340;gene_name=Smp_13
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fied=2022-08-29;Name=Smp_130340.1;product=Phosphatidylinositol 4-
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SM_V9_7 iris    exon    1476087 1477499 .       -       .
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Parent=Smp_130340.1;Name=8cee6f25-9c7c-4ba0-bd76-1e63ee762509
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Parent=Smp_130340.1;Name=de79248e-26b2-41b0-b2f5-cc62ac7b67b0
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SM_V9_7 iris    exon    1526505 1526948 .       -       .
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SM_V9_7 iris    exon    1533768 1533902 .       -       .
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SM_V9_7 iris    exon    1538824 1538902 .       +       .
Parent=Smp_246140.1;Name=1793ccb1-e811-44f0-b54d-3b5268fa7f0b
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SM_V9_7 iris    exon    1539080 1539169 .       +       .
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SM_V9_7 iris    exon    1543964 1544113 .       +       .
Parent=Smp_246140.1;Name=354fdf1a-a1fe-4bb8-89a6-081fdaf60537
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ID=Smp_340220;geneID=Smp_340220;previous_systematic_id=Smp_015030
SM_V9_7 Liftoff mRNA    1631081 1648411 .       -       .
ID=Smp_340220.1;Parent=Smp_340220;geneID=Smp_340220;product=Ethanola
mine kinase 1;polypeptide_domain=InterPro:IPR011009 Pfam:PF01633
SM_V9_7 Liftoff exon    1631081 1631275 .       -       .
Parent=Smp_340220.1
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SM_V9_7 Liftoff CDS     1648255 1648377 .       -       0
Parent=Smp_340220.1
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ID=Smp_015020;geneID=Smp_015020
SM_V9_7 Liftoff mRNA    1671076 1711297 .       -       .
ID=Smp_015020.1;Parent=Smp_015020;geneID=Smp_015020;product=sodium
potassium transporting ATPase alpha subunit;evidence=Non-traceable
Author
Statement;polypeptide_domain=InterPro:IPR001757,IPR004014,IPR005775,
IPR006068,IPR008250,IPR018303,IPR023214,IPR023298,IPR023299
Pfam:PF00122,PF00689,PF00690,PF00702,PF13246;Ontology_term=GO:000016
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Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2138975 2139013 .       +       .
Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2140694 2140815 .       +       .
Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2142528 2142708 .       +       .
Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2144424 2144582 .       +       .
Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2146750 2147064 .       +       .
Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2153972 2154053 .       +       .
Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2155854 2156101 .       +       .
Parent=Smp_130280.3
SM_V9_7 Liftoff exon    2157543 2160601 .       +       .
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SM_V9_7 Liftoff CDS     2045094 2045845 .       +       2
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SM_V9_7 Liftoff CDS     2048090 2048230 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2051018 2051179 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2053234 2053553 .       +       0
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SM_V9_7 Liftoff CDS     2061223 2061403 .       +       1
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2062800 2062993 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2065587 2065807 .       +       1
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2066742 2067001 .       +       2
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Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2076954 2077357 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2079375 2079596 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2081198 2081483 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2085362 2086507 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2088602 2088774 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2091344 2091500 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2093078 2093173 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2095050 2095280 .       +       2
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SM_V9_7 Liftoff CDS     2097991 2098166 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2104786 2104948 .       +       0
Parent=Smp_130280.3
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Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2132412 2132684 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2135256 2135543 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2137591 2137613 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2138975 2139013 .       +       0
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SM_V9_7 Liftoff CDS     2140694 2140815 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2142528 2142708 .       +       1
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2144424 2144582 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2146750 2147064 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2153972 2154053 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2155854 2156101 .       +       2
Parent=Smp_130280.3
SM_V9_7 Liftoff CDS     2157543 2157872 .       +       0
Parent=Smp_130280.3
SM_V9_7 Liftoff mRNA    2019575 2160601 .       +       .
ID=Smp_130280.1;Parent=Smp_130280;geneID=Smp_130280;product=Adhesive
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2;polypeptide_domain=InterPro:IPR000742,IPR001680,IPR001791,IPR01104
2,IPR011047,IPR013032,IPR013320,IPR016186,IPR017986
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SM_V9_7 Liftoff exon    2019575 2020078 .       +       .
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Parent=Smp_130280.1
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Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2048090 2048230 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2051018 2051179 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2053234 2053553 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2061223 2061403 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2062800 2062993 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2065587 2065807 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2066742 2067001 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2068645 2068753 .       +       .
Parent=Smp_130280.1
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SM_V9_7 Liftoff exon    2079375 2079596 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2081198 2081483 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2085362 2086507 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2088602 2088774 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2091344 2091500 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2093078 2093173 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2095050 2095280 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2097991 2098166 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2104786 2104948 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2127184 2127276 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2132412 2132684 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2135256 2135543 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2137591 2137613 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2138975 2139013 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2140694 2140815 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2142528 2142708 .       +       .
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Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2144424 2144582 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2146750 2147064 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2153972 2154053 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2155854 2156101 .       +       .
Parent=Smp_130280.1
SM_V9_7 Liftoff exon    2157543 2160601 .       +       .
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Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2048090 2048230 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2051018 2051179 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2053234 2053553 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2061223 2061403 .       +       1
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2062800 2062993 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2065587 2065807 .       +       1
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2066742 2067001 .       +       2
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2068645 2068753 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2076954 2077357 .       +       2
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2079375 2079596 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2081198 2081483 .       +       0
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SM_V9_7 Liftoff CDS     2085362 2086507 .       +       2
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2088602 2088774 .       +       2
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2091344 2091500 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2093078 2093173 .       +       2
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2095050 2095280 .       +       2
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SM_V9_7 Liftoff CDS     2097991 2098166 .       +       2
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SM_V9_7 Liftoff CDS     2104786 2104948 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2127184 2127276 .       +       2
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SM_V9_7 Liftoff CDS     2132412 2132684 .       +       2
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SM_V9_7 Liftoff CDS     2135256 2135543 .       +       2
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SM_V9_7 Liftoff CDS     2137591 2137613 .       +       2
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SM_V9_7 Liftoff CDS     2138975 2139013 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2140694 2140815 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2142528 2142708 .       +       1
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2144424 2144582 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2146750 2147064 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2153972 2154053 .       +       0
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2155854 2156101 .       +       2
Parent=Smp_130280.1
SM_V9_7 Liftoff CDS     2157543 2157872 .       +       0
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all2124;polypeptide_domain=InterPro:IPR001680,IPR011042,IPR011047,IP
R015943,IPR017986 Pfam:PF00400;Ontology_term=GO:0005515
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Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2135256 2135543 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2137591 2137613 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2138975 2139013 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2140694 2140815 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2142528 2142708 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2144424 2144582 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2146750 2147064 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2153972 2154053 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2155854 2156101 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff exon    2157543 2160601 .       +       .
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2132477 2132684 .       +       0
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2135256 2135543 .       +       2
Parent=Smp_130280.2
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SM_V9_7 Liftoff CDS     2137591 2137613 .       +       2
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2138975 2139013 .       +       0
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2140694 2140815 .       +       0
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2142528 2142708 .       +       1
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2144424 2144582 .       +       0
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2146750 2147064 .       +       0
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2153972 2154053 .       +       0
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2155854 2156101 .       +       2
Parent=Smp_130280.2
SM_V9_7 Liftoff CDS     2157543 2157872 .       +       0
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SM_V9_7 Liftoff CDS     2182111 2182199 .       -       0
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Parent=Smp_130270.1
SM_V9_7 Liftoff CDS     2186316 2186442 .       -       0
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SM_V9_7 Liftoff CDS     2187575 2187691 .       -       0
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SM_V9_7 Liftoff CDS     2190319 2190396 .       -       0
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SM_V9_7 Liftoff mRNA    2178733 2190421 .       -       .
ID=Smp_130270.2;Parent=Smp_130270;geneID=Smp_130270;product=U11/U12
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Parent=Smp_130270.2
SM_V9_7 Liftoff exon    2182111 2182199 .       -       .
Parent=Smp_130270.2
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Parent=Smp_130270.2
SM_V9_7 Liftoff exon    2186316 2186442 .       -       .
Parent=Smp_130270.2
SM_V9_7 Liftoff exon    2187575 2187691 .       -       .
Parent=Smp_130270.2
SM_V9_7 Liftoff exon    2190319 2190421 .       -       .
Parent=Smp_130270.2
SM_V9_7 Liftoff CDS     2179439 2179850 .       -       1
Parent=Smp_130270.2
SM_V9_7 Liftoff CDS     2182111 2182199 .       -       0
Parent=Smp_130270.2
SM_V9_7 Liftoff CDS     2184485 2184600 .       -       2
Parent=Smp_130270.2
SM_V9_7 Liftoff CDS     2186316 2186442 .       -       0
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SM_V9_7 Liftoff CDS     2187575 2187691 .       -       0
Parent=Smp_130270.2
SM_V9_7 Liftoff CDS     2190319 2190396 .       -       0
Parent=Smp_130270.2
SM_V9_7 Liftoff mRNA    2178733 2190421 .       -       .
ID=Smp_130270.3;Parent=Smp_130270;geneID=Smp_130270;product=U11/U12
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Parent=Smp_130270.3
SM_V9_7 Liftoff exon    2182111 2182199 .       -       .
Parent=Smp_130270.3
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Parent=Smp_130270.3
SM_V9_7 Liftoff exon    2186260 2190421 .       -       .
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SM_V9_7 Liftoff CDS     2179439 2179853 .       -       1
Parent=Smp_130270.3
SM_V9_7 Liftoff CDS     2182111 2182199 .       -       0
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SM_V9_7 Liftoff CDS     2186260 2186263 .       -       0
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Pfam:PF00307;Ontology_term=GO:0005515
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Parent=Smp_130260.1
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SM_V9_7 Liftoff exon    2261308 2261433 .       +       .
Parent=Smp_130260.1
SM_V9_7 Liftoff exon    2264689 2264846 .       +       .
Parent=Smp_130260.1
SM_V9_7 Liftoff exon    2268988 2269361 .       +       .
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Parent=Smp_130260.1
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Parent=Smp_130260.1
SM_V9_7 Liftoff exon    2287351 2287432 .       +       .
Parent=Smp_130260.1
SM_V9_7 Liftoff exon    2289009 2289692 .       +       .
Parent=Smp_130260.1
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Parent=Smp_130260.1
SM_V9_7 Liftoff CDS     2253264 2253402 .       +       0
Parent=Smp_130260.1
SM_V9_7 Liftoff CDS     2261308 2261433 .       +       2
Parent=Smp_130260.1
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SM_V9_7 Liftoff CDS     2285249 2285317 .       +       0
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SM_V9_7 Liftoff CDS     2286654 2286682 .       +       0
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SM_V9_7 Liftoff CDS     2287351 2287432 .       +       1
Parent=Smp_130260.1
SM_V9_7 Liftoff CDS     2289009 2289692 .       +       0
Parent=Smp_130260.1
SM_V9_7 Liftoff CDS     2292562 2292636 .       +       0
Parent=Smp_130260.1
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Parent=Smp_130260.1
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ID=Smp_130250;geneID=Smp_130250;gene_name=Smp_130250;owner=irisadmin
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ID=Smp_130250.1;Parent=Smp_130250;geneID=Smp_130250;gene_name=Smp_13
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phosphorylation-regulated kinase 4;date_creation=2022-07-17
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SM_V9_7 iris    exon    2303128 2303278 .       -       .
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SM_V9_7 iris    exon    2304242 2304415 .       -       .
Parent=Smp_130250.1;Name=750c06d0-0e13-43e8-8b15-ef2d07b4dd0a
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SM_V9_7 iris    exon    2311124 2311240 .       -       .
Parent=Smp_130250.1;Name=a29e6360-8591-4031-9031-abc119107243
SM_V9_7 iris    exon    2313565 2313646 .       -       .
Parent=Smp_130250.1;Name=ce2b8eaf-e131-4df7-912e-086d01d6fd2d
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Parent=Smp_130250.1
SM_V9_7 iris    CDS     2318728 2318868 .       -       1
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Parent=Smp_130250.1
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MID1-COMPLEMENTING ACTIVITY 2
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ID=Smp_062300;geneID=Smp_062300;gene_name=Smp_062300;owner=irisadmin
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ID=Smp_155720;geneID=Smp_155720
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17441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_7 Liftoff exon    2568574 2572442 .       -       .
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Parent=Smp_155720.1
SM_V9_7 Liftoff exon    2586808 2587899 .       -       .
Parent=Smp_155720.1
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Parent=Smp_155720.1
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SM_V9_7 Liftoff CDS     2695411 2696239 .       +       0
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SM_V9_7 Liftoff CDS     2704078 2704392 .       +       2
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SM_V9_7 Liftoff CDS     2712416 2712924 .       +       2
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SM_V9_7 Liftoff exon    2760730 2760849 .       +       .
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ID=Smp_212190.1;Parent=Smp_212190;geneID=Smp_212190;gene_name=Smp_21
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78
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SM_V9_7 iris    exon    4219172 4219434 .       +       .
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SM_V9_7 Liftoff exon    4449256 4449547 .       -       .
Parent=Smp_342330.1
SM_V9_7 Liftoff exon    4451630 4451960 .       -       .
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SM_V9_7 Liftoff exon    4453111 4453238 .       -       .
Parent=Smp_342330.1
SM_V9_7 Liftoff exon    4454705 4454803 .       -       .
Parent=Smp_342330.1
SM_V9_7 Liftoff exon    4455091 4455153 .       -       .
Parent=Smp_342330.1
SM_V9_7 Liftoff exon    4456664 4456786 .       -       .
Parent=Smp_342330.1
SM_V9_7 Liftoff exon    4456826 4457016 .       -       .
Parent=Smp_342330.1
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SM_V9_7 Liftoff CDS     4409010 4409098 .       -       2
Parent=Smp_342330.1
SM_V9_7 Liftoff CDS     4412226 4412302 .       -       1
Parent=Smp_342330.1
SM_V9_7 Liftoff CDS     4414722 4414804 .       -       0
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SM_V9_7 Liftoff CDS     4417449 4417706 .       -       0
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SM_V9_7 Liftoff CDS     4420807 4420957 .       -       1
Parent=Smp_342330.1
SM_V9_7 Liftoff CDS     4422733 4422887 .       -       0
Parent=Smp_342330.1
SM_V9_7 Liftoff CDS     4426792 4426885 .       -       1
Parent=Smp_342330.1
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Parent=Smp_342330.1
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Parent=Smp_342330.1
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Parent=Smp_342330.1
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Parent=Smp_342330.1
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SM_V9_7 Liftoff CDS     4456664 4456786 .       -       0
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ID=Smp_127740;geneID=Smp_127740;gene_name=Smp_127740;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    4468980 4594846 .       +       .
ID=Smp_127740.1;Parent=Smp_127740;geneID=Smp_127740;gene_name=Smp_12
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ied=2022-07-16;Name=Smp_127740.1;product=Probable fructose-2,6-
bisphosphatase C732.02c;date_creation=2022-07-16
SM_V9_7 iris    exon    4468980 4469237 .       +       .
Parent=Smp_127740.1;Name=b4e3effd-5783-4405-835b-a6e7ef2f46a3
SM_V9_7 iris    exon    4477513 4477848 .       +       .
Parent=Smp_127740.1;Name=59c3d542-2fca-4f96-a9bb-12b35f4cb066
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SM_V9_7 iris    exon    4513894 4514027 .       +       .
Parent=Smp_127740.1;Name=ea48a84f-0309-4280-932f-9562b19fa657
SM_V9_7 iris    exon    4518633 4518712 .       +       .
Parent=Smp_127740.1;Name=20e96fc8-6f1e-4d98-9dc6-4faee7eac99e
SM_V9_7 iris    exon    4520140 4520221 .       +       .
Parent=Smp_127740.1;Name=2d199276-3e1d-4f74-b0b1-b601a46f4fc7
SM_V9_7 iris    exon    4522028 4522143 .       +       .
Parent=Smp_127740.1;Name=ede5fcdd-6e83-40ec-9261-fb2431891b9e
SM_V9_7 iris    exon    4524400 4524518 .       +       .
Parent=Smp_127740.1;Name=8075d2d6-8de3-48ba-80a7-c16ed70c232f
SM_V9_7 iris    exon    4533330 4533457 .       +       .
Parent=Smp_127740.1;Name=05e385e1-1857-4d60-97f4-3758980f7e9c
SM_V9_7 iris    exon    4535696 4535767 .       +       .
Parent=Smp_127740.1;Name=e50bca30-a0e5-469d-a18d-f1678b43020e
SM_V9_7 iris    exon    4541053 4541280 .       +       .
Parent=Smp_127740.1;Name=402d6b86-7418-4a11-98f9-0745beb90dca
SM_V9_7 iris    exon    4543211 4543426 .       +       .
Parent=Smp_127740.1;Name=e0c912cb-d948-4f1e-8a71-94b006f14b58
SM_V9_7 iris    exon    4549582 4549682 .       +       .
Parent=Smp_127740.1;Name=ff15cc8a-3ce4-4811-bd84-b8b560654559
SM_V9_7 iris    exon    4550812 4550917 .       +       .
Parent=Smp_127740.1;Name=b64fc63b-631e-4227-b3a1-45d2d27ed2af
SM_V9_7 iris    exon    4555090 4555356 .       +       .
Parent=Smp_127740.1;Name=a82a42ba-4078-430a-91b8-0aaff5ff021a
SM_V9_7 iris    exon    4556879 4557240 .       +       .
Parent=Smp_127740.1;Name=ac7045f4-07c4-4efa-ae42-1d0ca63e7875
SM_V9_7 iris    exon    4558192 4558314 .       +       .
Parent=Smp_127740.1;Name=dc0c4ca9-4ee2-4308-8b25-72273a3be231
SM_V9_7 iris    exon    4564817 4565009 .       +       .
Parent=Smp_127740.1;Name=f3ec5899-8066-4f95-ad6e-463a8264f05a
SM_V9_7 iris    exon    4568972 4569242 .       +       .
Parent=Smp_127740.1;Name=eb97a6be-f05a-4a4c-b31c-00cff9894bcc
SM_V9_7 iris    exon    4574114 4574240 .       +       .
Parent=Smp_127740.1;Name=4b7f73f3-61d0-4e75-bf1d-bc116d09ec8f
SM_V9_7 iris    exon    4576063 4576848 .       +       .
Parent=Smp_127740.1;Name=1d63164a-c4ed-4d71-82fc-d2275cb194bb
SM_V9_7 iris    exon    4578704 4579403 .       +       .
Parent=Smp_127740.1;Name=d9642006-d304-49c1-9c97-9f5abcc856a6
SM_V9_7 iris    exon    4580558 4581580 .       +       .
Parent=Smp_127740.1;Name=9471d48f-b4b8-4fdd-ac85-da5a47eae9f0
SM_V9_7 iris    exon    4583325 4583724 .       +       .
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SM_V9_7 iris    exon    4585133 4585831 .       +       .
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Parent=Smp_127740.1;Name=061a3993-2dbc-48e3-97f1-4b301d825207
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Parent=Smp_127740.1;Name=8fb3e515-b74d-4740-9e30-343b187f5380
SM_V9_7 iris    exon    4592785 4593222 .       +       .
Parent=Smp_127740.1;Name=ad8c52f1-8088-4333-b9f6-0fe20e36276c
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SM_V9_7 iris    CDS     4477524 4477848 .       +       0
Parent=Smp_127740.1
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SM_V9_7 iris    CDS     4513894 4514027 .       +       2
Parent=Smp_127740.1
SM_V9_7 iris    CDS     4518633 4518712 .       +       0
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SM_V9_7 iris    CDS     4520140 4520221 .       +       1
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SM_V9_7 iris    CDS     4522028 4522143 .       +       0
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SM_V9_7 iris    CDS     4524400 4524518 .       +       1
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SM_V9_7 iris    CDS     4533330 4533457 .       +       2
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SM_V9_7 iris    CDS     4535696 4535767 .       +       0
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SM_V9_7 iris    CDS     4541053 4541280 .       +       0
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SM_V9_7 iris    CDS     4549582 4549682 .       +       0
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SM_V9_7 iris    CDS     4564817 4565009 .       +       1
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SM_V9_7 iris    CDS     4568972 4569242 .       +       0
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SM_V9_7 iris    CDS     4594508 4594528 .       +       0
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ID=Smp_318110;geneID=Smp_318110
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ID=Smp_127750;geneID=Smp_127750;gene_name=Smp_127750;owner=irisadmin
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SM_V9_7 iris    mRNA    4630528 4637513 .       +       .
ID=Smp_127750.1;Parent=Smp_127750;geneID=Smp_127750;gene_name=Smp_12
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protein 9;date_creation=2022-07-16
SM_V9_7 iris    exon    4630528 4630848 .       +       .
Parent=Smp_127750.1;Name=3f7d85e1-4e99-4222-ab1c-ded718f9da4d
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Parent=Smp_127750.1;Name=52f4ee68-aa5a-4d22-8118-07a9b882c057
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ID=Smp_127770;geneID=Smp_127770;gene_name=Smp_127770;owner=irisadmin
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ID=Smp_127770.1;Parent=Smp_127770;geneID=Smp_127770;gene_name=Smp_12
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Parent=Smp_127770.1;Name=76e859bc-764c-4663-8cc1-a3f90500d8e1
SM_V9_7 iris    exon    4689386 4689690 .       +       .
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Parent=Smp_127770.1;Name=2974cf3b-65b2-423b-bcbc-12f480cb0507
SM_V9_7 iris    exon    4709243 4709349 .       +       .
Parent=Smp_127770.1;Name=1ead2b20-9544-4b32-950b-a3e870a83bb9
SM_V9_7 iris    exon    4716984 4717131 .       +       .
Parent=Smp_127770.1;Name=33664aeb-1cd8-4c78-9444-a7b6f46aad64
SM_V9_7 iris    exon    4720162 4720239 .       +       .
Parent=Smp_127770.1;Name=a2bd148b-c3ab-44ce-a7d7-fd518faa46c5
SM_V9_7 iris    exon    4724334 4724587 .       +       .
Parent=Smp_127770.1;Name=a266810c-0fc0-454e-a20a-46dbaff45384
SM_V9_7 iris    exon    4727153 4727232 .       +       .
Parent=Smp_127770.1;Name=dd1b6fb8-9525-425a-bba2-bf2436b52828
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Parent=Smp_127770.1;Name=51ca7799-7d17-4686-a760-049f63d4babf
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Parent=Smp_127770.1;Name=5fc9da25-9206-4517-b912-da830c28a1d4
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Parent=Smp_127770.1;Name=a414207b-2a04-4cdd-8cd6-1e2acdeb7c67
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Parent=Smp_127770.1;Name=1d1733a7-b7b7-49e1-a14c-7dfca52272b1
SM_V9_7 iris    exon    4758335 4758504 .       +       .
Parent=Smp_127770.1;Name=746e1094-fdb7-4e36-bbc6-1f3d0bca7f81
SM_V9_7 iris    exon    4760936 4761014 .       +       .
Parent=Smp_127770.1;Name=c2dabbf3-4790-48c2-b38b-ba34d4761886
SM_V9_7 iris    exon    4762991 4763994 .       +       .
Parent=Smp_127770.1;Name=ef521eeb-4290-452e-9096-9723bdd8c677
SM_V9_7 iris    exon    4772174 4772256 .       +       .
Parent=Smp_127770.1;Name=71b24516-ca9e-412e-8201-2a73ca2cd8d2
SM_V9_7 iris    exon    4776168 4776243 .       +       .
Parent=Smp_127770.1;Name=8fd871c7-b2fd-4f56-a339-2795a461af00
SM_V9_7 iris    exon    4777977 4778185 .       +       .
Parent=Smp_127770.1;Name=7c3a5003-9780-4d46-9732-a17e96cb6b47
SM_V9_7 iris    exon    4781131 4781794 .       +       .
Parent=Smp_127770.1;Name=41545647-1273-490e-b7ae-b53a123d2669
SM_V9_7 iris    exon    4784796 4785287 .       +       .
Parent=Smp_127770.1;Name=558e85c0-a436-458d-8158-100b98c20540
SM_V9_7 iris    exon    4788284 4788629 .       +       .
Parent=Smp_127770.1;Name=d9d7e1b1-256e-4856-b8c8-28b0b4624d02
SM_V9_7 iris    exon    4790349 4790827 .       +       .
Parent=Smp_127770.1;Name=889d119c-92c4-4778-a51f-33ab958f666d
SM_V9_7 iris    exon    4792770 4792967 .       +       .
Parent=Smp_127770.1;Name=91b8c5b6-70c4-499e-9b3d-0bdca0818291
SM_V9_7 iris    exon    4795760 4795955 .       +       .
Parent=Smp_127770.1;Name=26b4a05a-deba-4ed6-bb35-5097b31cc1b4
SM_V9_7 iris    exon    4797984 4798158 .       +       .
Parent=Smp_127770.1;Name=6ab5501f-7198-4339-8ced-9dd68e6bdd4b
SM_V9_7 iris    exon    4799343 4800066 .       +       .
Parent=Smp_127770.1;Name=fb3f653b-7b25-4424-ac0b-b89459187465
SM_V9_7 iris    exon    4802924 4803103 .       +       .
Parent=Smp_127770.1;Name=52dfb82e-05b7-4ef3-a8f9-bd0325cfc950
SM_V9_7 iris    exon    4804939 4805036 .       +       .
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Parent=Smp_127770.1;Name=d43ce2c8-2324-43ae-9e75-4d074db78756
SM_V9_7 iris    exon    4812507 4812624 .       +       .
Parent=Smp_127770.1;Name=e065c6ef-ea3e-4cb5-8ca7-6cfd4854876c
SM_V9_7 iris    exon    4814472 4814540 .       +       .
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SM_V9_7 iris    exon    4815383 4816121 .       +       .
Parent=Smp_127770.1;Name=262f6a39-0f54-4734-842c-ebb0e1dd7daa
SM_V9_7 iris    CDS     4689560 4689690 .       +       0
Parent=Smp_127770.1
SM_V9_7 iris    CDS     4694068 4694218 .       +       1
Parent=Smp_127770.1
SM_V9_7 iris    CDS     4709243 4709349 .       +       0
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SM_V9_7 iris    CDS     4716984 4717131 .       +       1
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SM_V9_7 iris    CDS     4720162 4720239 .       +       0
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SM_V9_7 iris    CDS     4733333 4733526 .       +       2
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SM_V9_7 iris    CDS     4760936 4761014 .       +       0
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protein 4;date_creation=2022-07-16
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Parent=Smp_010620.2;Name=dbf21b47-aed8-4445-98c1-612cb217e2e7
SM_V9_7 iris    exon    5258750 5258905 .       -       .
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Parent=Smp_010620.2;Name=0ff46a79-9990-4225-b5eb-2edd16e4cce9
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SM_V9_7 Liftoff exon    5347871 5348218 .       +       .
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Parent=Smp_010690.1;Name=f9e9e2f6-e07a-422e-a305-f58fc3edf1eb
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SM_V9_7 iris    exon    5825016 5825175 .       -       .
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Parent=Smp_109240.1
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21
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SM_V9_7 iris    exon    6635293 6635438 .       +       .
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SM_V9_7 iris    exon    6653789 6653833 .       +       .
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ID=Smp_334850;geneID=Smp_334850;gene_name=Smp_334850;owner=irisadmin
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SM_V9_7 iris    exon    7111690 7111855 .       +       .
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SM_V9_7 iris    exon    7121906 7122766 .       +       .
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SM_V9_7 iris    exon    7125070 7125392 .       +       .
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SM_V9_7 Liftoff mRNA    7152799 7186534 .       +       .
ID=Smp_210080.1;Parent=Smp_210080;geneID=Smp_210080;product=UPF0415
protein C7orf25 homolog;polypeptide_domain=InterPro:IPR010733
Pfam:PF07000
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SM_V9_7 Liftoff exon    7165486 7165750 .       +       .
Parent=Smp_210080.1
SM_V9_7 Liftoff exon    7167962 7168129 .       +       .
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SM_V9_7 Liftoff exon    7176010 7176592 .       +       .
Parent=Smp_210080.1
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SM_V9_7 Liftoff exon    7182660 7182862 .       +       .
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Parent=Smp_210090.1;Name=4c469207-d8a2-4faa-a6a0-37dca38f4f5f
SM_V9_7 iris    exon    7202431 7202505 .       +       .
Parent=Smp_210090.1;Name=55731cd3-2b97-4bc2-affb-c2ebeccf010a
SM_V9_7 iris    exon    7203293 7203388 .       +       .
Parent=Smp_210090.1;Name=ee9ad93d-437d-4d97-a2aa-28914b3e0323
SM_V9_7 iris    exon    7210940 7211100 .       +       .
Parent=Smp_210090.1;Name=199d31ae-cabe-40ed-b9d7-e218bf68d43b
SM_V9_7 iris    exon    7212878 7213012 .       +       .
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SM_V9_7 iris    exon    7214723 7214846 .       +       .
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Parent=Smp_210090.1;Name=62efba03-db36-432a-988c-891e3ea93c93
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SM_V9_7 iris    exon    7233201 7233577 .       +       .
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SM_V9_7 iris    CDS     7241104 7241334 .       +       2
Parent=Smp_210090.1
SM_V9_7 iris    CDS     7252555 7253063 .       +       2
Parent=Smp_210090.1
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ID=Smp_316800.1;Parent=Smp_316800;geneID=Smp_316800;product=Adenylat
e cyclase type 9;polypeptide_domain=InterPro:IPR001054,IPR029787
Pfam:PF00211;Ontology_term=GO:0009190,GO:0016849,GO:0035556
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ID=Smp_033400.1;Parent=Smp_033400;geneID=Smp_033400;gene_name=Smp_03
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Parent=Smp_033400.1;Name=9fb1bf25-dc8b-4563-a561-33d03f849a82
SM_V9_7 iris    exon    7264661 7264912 .       -       .
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Parent=Smp_033400.1
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c;date_creation=2022-07-17
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SM_V9_7 iris    CDS     7263264 7263304 .       -       2
Parent=Smp_033400.2
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FLOWERING 5;date_creation=2022-07-16
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Parent=Smp_140200.1;Name=fb643426-99d8-405b-bd74-f6f22a76acb5
SM_V9_7 iris    exon    7282872 7283022 .       +       .
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SM_V9_7 iris    exon    7285637 7285794 .       +       .
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SM_V9_7 iris    exon    7282872 7283022 .       +       .
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SM_V9_7 iris    exon    7285637 7285794 .       +       .
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SM_V9_7 iris    exon    7287872 7288089 .       +       .
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SM_V9_7 iris    exon    7291316 7291901 .       +       .
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SM_V9_7 iris    CDS     7282872 7283022 .       +       0
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SM_V9_7 iris    exon    7313865 7313900 .       -       .
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SM_V9_7 iris    exon    7315302 7318107 .       -       .
Parent=Smp_033380.1;Name=36a84666-e383-4a42-83dc-2701f06a6f57
SM_V9_7 iris    exon    7319290 7319562 .       -       .
Parent=Smp_033380.1;Name=d8c117d4-8a55-4623-ab0b-c76fe6fcfa2c
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SM_V9_7 Liftoff exon    7388763 7389561 .       -       .
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Parent=Smp_033350.1;Name=a9e77aee-ed15-4ab5-be4d-a9cbc06972d2
SM_V9_7 iris    exon    7418332 7418415 .       +       .
Parent=Smp_033350.1;Name=9d95066d-09fb-4186-acc7-4fcf3a86f540
SM_V9_7 iris    exon    7420603 7420725 .       +       .
Parent=Smp_033350.1;Name=d1006b44-5604-4f6a-9351-53251745abdc
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SM_V9_7 iris    exon    7424706 7424937 .       +       .
Parent=Smp_033350.1;Name=83f1900c-a802-47f1-a571-2245334110e6
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Parent=Smp_033350.1;Name=e9204082-15cb-42e2-9d30-9979756ce10d
SM_V9_7 iris    exon    7437996 7438292 .       +       .
Parent=Smp_033350.1;Name=06c10187-d1a1-421c-8599-a44abdd97e21
SM_V9_7 iris    exon    7441946 7442650 .       +       .
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ID=Smp_332280;geneID=Smp_332280;gene_name=Smp_332280;owner=irisadmin
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Parent=Smp_332280.1;Name=dafc5f50-0598-4f2e-bd67-93caeec11909
SM_V9_7 iris    exon    7550030 7550176 .       +       .
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SM_V9_7 iris    exon    7552403 7553048 .       +       .
Parent=Smp_332280.1;Name=d4748f48-1647-44e5-b78f-d7ab24fa8dd6
SM_V9_7 iris    exon    7554849 7554985 .       +       .
Parent=Smp_332280.1;Name=4d289d73-922a-46a3-ae02-bb358965bd7e
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SM_V9_7 iris    exon    7558624 7558988 .       +       .
Parent=Smp_332280.1;Name=45813a5b-8929-4cb0-98cf-89dea4e65c0b
SM_V9_7 iris    exon    7570339 7570640 .       +       .
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Parent=Smp_332280.1;Name=d1bf5b3f-584a-4250-8a7f-f84ca382c02f
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SM_V9_7 iris    CDS     7583035 7583147 .       +       2
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Parent=Smp_332280.1
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ID=Smp_033330;geneID=Smp_033330
SM_V9_7 Liftoff mRNA    7720582 7728208 .       -       .
ID=Smp_033330.1;Parent=Smp_033330;geneID=Smp_033330;product=SH3
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protein;polypeptide_domain=InterPro:IPR002109,IPR006993,IPR012336
Pfam:PF04908;Ontology_term=GO:0009055,GO:0015035,GO:0045454
SM_V9_7 Liftoff exon    7720582 7721244 .       -       .
Parent=Smp_033330.1
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Parent=Smp_033330.1
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Parent=Smp_343360.1;Name=f2164e63-7d59-4f4a-9604-83b3f42a3a32
SM_V9_7 iris    exon    7732670 7732789 .       +       .
Parent=Smp_343360.1;Name=af8128b5-06e4-40e2-8dba-c4136caa62ba
SM_V9_7 iris    exon    7736576 7736754 .       +       .
Parent=Smp_343360.1;Name=ccbcc39b-1bce-49e8-90f5-8e519f20b322
SM_V9_7 iris    exon    7740015 7740251 .       +       .
Parent=Smp_343360.1;Name=63d8722d-5d16-4e22-bf65-c46fdae20820
SM_V9_7 iris    CDS     7732591 7732639 .       +       0
Parent=Smp_343360.1
SM_V9_7 iris    CDS     7732670 7732789 .       +       2
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SM_V9_7 iris    CDS     7736576 7736754 .       +       2
Parent=Smp_343360.1
SM_V9_7 iris    CDS     7740015 7740095 .       +       0
Parent=Smp_343360.1
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ID=Smp_140150;geneID=Smp_140150;gene_name=Smp_140150;owner=irisadmin
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ID=Smp_140150.1;Parent=Smp_140150;geneID=Smp_140150;gene_name=Smp_14
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containing subunit A-like 2;date_creation=2022-08-29
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Parent=Smp_140150.1;Name=1605c537-5ebf-4901-9f38-6b0ea14273e6
SM_V9_7 iris    exon    7748001 7748221 .       +       .
Parent=Smp_140150.1;Name=458654f5-03dc-46f2-a107-4e19983e4a8a
SM_V9_7 iris    exon    7748256 7748326 .       +       .
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SM_V9_7 iris    exon    7748556 7748610 .       +       .
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SM_V9_7 iris    exon    7756522 7756585 .       +       .
Parent=Smp_140150.1;Name=d554689b-48d6-4789-a408-cd04b544439f
SM_V9_7 iris    exon    7758059 7758177 .       +       .
Parent=Smp_140150.1;Name=c352b3ca-0a29-4dc2-86e7-4a2ffe66ede9
SM_V9_7 iris    exon    7758632 7758876 .       +       .
Parent=Smp_140150.1;Name=b12db4c6-d98d-469c-8cfc-06aeeaf67fd9
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Parent=Smp_140150.1
SM_V9_7 iris    CDS     7748556 7748610 .       +       2
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SM_V9_7 iris    CDS     7748647 7748755 .       +       1
Parent=Smp_140150.1
SM_V9_7 iris    CDS     7749824 7750090 .       +       0
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SM_V9_7 iris    CDS     7751981 7752058 .       +       0
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SM_V9_7 iris    CDS     7758632 7758876 .       +       0
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SM_V9_7 iris    CDS     7760752 7760923 .       +       1
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Parent=Smp_140140.1;Name=ab380291-ad30-48fe-bc69-45ebf8905c65
SM_V9_7 iris    exon    7779155 7779311 .       +       .
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Parent=Smp_140140.1;Name=439a7260-f476-4b90-8659-4f6b495aac8f
SM_V9_7 iris    exon    7784731 7784805 .       +       .
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SM_V9_7 iris    exon    7791452 7791648 .       +       .
Parent=Smp_140140.1;Name=0998a7c5-4df7-4677-9e3b-3b2da2efca18
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ID=Smp_300710;geneID=Smp_300710;gene_name=Smp_300710;owner=irisadmin
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ID=Smp_344540;geneID=Smp_344540;previous_systematic_id=Smp_153020
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SM_V9_7 Liftoff exon    9426914 9426993 .       +       .
Parent=Smp_344540.2
SM_V9_7 Liftoff exon    9429930 9430007 .       +       .
Parent=Smp_344540.2
SM_V9_7 Liftoff exon    9431340 9431552 .       +       .
Parent=Smp_344540.2
SM_V9_7 Liftoff exon    9435598 9435808 .       +       .
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SM_V9_7 Liftoff exon    9450057 9450170 .       +       .
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SM_V9_7 Liftoff exon    9452376 9452936 .       +       .
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SM_V9_7 Liftoff CDS     9421025 9421264 .       +       2
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SM_V9_7 Liftoff CDS     9422747 9423149 .       +       2
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SM_V9_7 Liftoff exon    9450057 9450170 .       +       .
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SM_V9_7 Liftoff exon    9452376 9452936 .       +       .
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SM_V9_7 iris    exon    9749508 9749621 .       +       .
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Parent=Smp_057530.1
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SM_V9_7 Liftoff mRNA    9806516 9816222 .       -       .
ID=Smp_318260.3;Parent=Smp_318260;geneID=Smp_318260;product=Calmodul
in;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247;Ontolog
y_term=GO:0005509
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SM_V9_7 Liftoff exon    9806516 9813606 .       -       .
Parent=Smp_318260.3
SM_V9_7 Liftoff exon    9815794 9815998 .       -       .
Parent=Smp_318260.3
SM_V9_7 Liftoff exon    9816040 9816222 .       -       .
Parent=Smp_318260.3
SM_V9_7 Liftoff CDS     9813344 9813606 .       -       2
Parent=Smp_318260.3
SM_V9_7 Liftoff CDS     9815794 9815998 .       -       0
Parent=Smp_318260.3
SM_V9_7 Liftoff CDS     9816040 9816195 .       -       0
Parent=Smp_318260.3
SM_V9_7 Liftoff mRNA    9815788 9816222 .       -       .
ID=Smp_318260.2;Parent=Smp_318260;geneID=Smp_318260;product=Myosin
regulatory light chain
1;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247;Ontology
_term=GO:0005509
SM_V9_7 Liftoff exon    9815788 9815998 .       -       .
Parent=Smp_318260.2
SM_V9_7 Liftoff exon    9816035 9816222 .       -       .
Parent=Smp_318260.2
SM_V9_7 Liftoff CDS     9815932 9815998 .       -       1
Parent=Smp_318260.2
SM_V9_7 Liftoff CDS     9816035 9816195 .       -       0
Parent=Smp_318260.2
SM_V9_7 Liftoff gene    9829466 9855579 .       +       .
ID=Smp_153090;geneID=Smp_153090;previous_systematic_id=Smp_153080
SM_V9_7 Liftoff mRNA    9829466 9855579 .       +       .
ID=Smp_153090.1;Parent=Smp_153090;geneID=Smp_153090;product=Cadherin
-related tumor
suppressor;polypeptide_domain=InterPro:IPR000742,IPR000884,IPR013032
SM_V9_7 Liftoff exon    9829466 9830265 .       +       .
Parent=Smp_153090.1
SM_V9_7 Liftoff exon    9835560 9835801 .       +       .
Parent=Smp_153090.1
SM_V9_7 Liftoff exon    9838108 9838374 .       +       .
Parent=Smp_153090.1
SM_V9_7 Liftoff exon    9841748 9841921 .       +       .
Parent=Smp_153090.1
SM_V9_7 Liftoff exon    9843899 9844014 .       +       .
Parent=Smp_153090.1
SM_V9_7 Liftoff exon    9844517 9844672 .       +       .
Parent=Smp_153090.1
SM_V9_7 Liftoff exon    9855431 9855579 .       +       .
Parent=Smp_153090.1
SM_V9_7 Liftoff CDS     9829665 9830265 .       +       0
Parent=Smp_153090.1
SM_V9_7 Liftoff CDS     9835560 9835801 .       +       2
Parent=Smp_153090.1
SM_V9_7 Liftoff CDS     9838108 9838374 .       +       0
Parent=Smp_153090.1
SM_V9_7 Liftoff CDS     9841748 9841921 .       +       0
Parent=Smp_153090.1
SM_V9_7 Liftoff CDS     9843899 9844014 .       +       0
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SM_V9_7 Liftoff CDS     9844517 9844672 .       +       1
Parent=Smp_153090.1
SM_V9_7 Liftoff CDS     9855431 9855557 .       +       1
Parent=Smp_153090.1
SM_V9_7 Liftoff gene    9877187 9987450 .       +       .
ID=Smp_153100;geneID=Smp_153100
SM_V9_7 Liftoff mRNA    9877187 9987450 .       +       .
ID=Smp_153100.1;Parent=Smp_153100;geneID=Smp_153100;product=Potassiu
m/sodium hyperpolarization-activated cyclic nucleotide-gated channel
2;polypeptide_domain=InterPro:IPR000595,IPR003938,IPR005821,IPR01362
1,IPR014710,IPR018488,IPR018490
Pfam:PF00027,PF00520,PF08412;Ontology_term=GO:0005216,GO:0005249,GO:
0006811,GO:0006813,GO:0016020,GO:0055085
SM_V9_7 Liftoff exon    9877187 9878268 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9909007 9909170 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9931072 9931248 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9957234 9957331 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9960686 9960835 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9961559 9961777 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9972252 9972398 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9973634 9973877 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9974817 9975058 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9981285 9981299 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff exon    9986406 9987450 .       +       .
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9877460 9878268 .       +       0
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9909007 9909170 .       +       1
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9931072 9931248 .       +       2
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9957234 9957331 .       +       2
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9960686 9960835 .       +       0
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9961559 9961777 .       +       0
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Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9973634 9973877 .       +       0
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9974817 9975058 .       +       2
Parent=Smp_153100.1
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SM_V9_7 Liftoff CDS     9981285 9981299 .       +       0
Parent=Smp_153100.1
SM_V9_7 Liftoff CDS     9986406 9986714 .       +       0
Parent=Smp_153100.1
SM_V9_7 Liftoff gene    10044197        10044772        .       -
        .       ID=Smp_203280;geneID=Smp_203280
SM_V9_7 Liftoff mRNA    10044197        10044772        .       -
        .
ID=Smp_203280.1;Parent=Smp_203280;geneID=Smp_203280;product=ATP
synthase-coupling factor 6,
mitochondrial;polypeptide_domain=InterPro:IPR008387
Pfam:PF05511;Ontology_term=GO:0000276,GO:0015078,GO:0015986
SM_V9_7 Liftoff exon    10044197        10044514        .       -
        .       Parent=Smp_203280.1
SM_V9_7 Liftoff exon    10044557        10044772        .       -
        .       Parent=Smp_203280.1
SM_V9_7 Liftoff CDS     10044292        10044514        .       -
        1       Parent=Smp_203280.1
SM_V9_7 Liftoff CDS     10044557        10044714        .       -
        0       Parent=Smp_203280.1
SM_V9_7 Liftoff gene    10070667        10084898        .       +
        .
ID=Smp_173940;geneID=Smp_173940;previous_systematic_id=Smp_118970
SM_V9_7 Liftoff mRNA    10070667        10084898        .       +
        .
ID=Smp_173940.1;Parent=Smp_173940;geneID=Smp_173940;product=frizzled
-like protein;evidence=Traceable Author
Statement;literature=PMID:22145649 PMID:24884876
PMID:24959172;polypeptide_domain=InterPro:IPR000539,IPR017981,IPR020
067
Pfam:PF01392,PF01534;Ontology_term=GO:0004888,GO:0005515,GO:0007166,
GO:0016020,GO:0016021
SM_V9_7 Liftoff exon    10070667        10071088        .       +
        .       Parent=Smp_173940.1
SM_V9_7 Liftoff exon    10071121        10071237        .       +
        .       Parent=Smp_173940.1
SM_V9_7 Liftoff exon    10071279        10071569        .       +
        .       Parent=Smp_173940.1
SM_V9_7 Liftoff exon    10083123        10084898        .       +
        .       Parent=Smp_173940.1
SM_V9_7 Liftoff CDS     10070705        10071088        .       +
        0       Parent=Smp_173940.1
SM_V9_7 Liftoff CDS     10071121        10071237        .       +
        0       Parent=Smp_173940.1
SM_V9_7 Liftoff CDS     10071279        10071569        .       +
        0       Parent=Smp_173940.1
SM_V9_7 Liftoff CDS     10083123        10084427        .       +
        0       Parent=Smp_173940.1
SM_V9_7 Liftoff gene    10114169        10127883        .       -
        .       ID=Smp_119980;geneID=Smp_119980
SM_V9_7 Liftoff mRNA    10114169        10127883        .       -
        .
ID=Smp_119980.1;Parent=Smp_119980;geneID=Smp_119980;product=Transloc
ation protein SEC62;polypeptide_domain=InterPro:IPR004728
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Pfam:PF03839;Ontology_term=GO:0008565,GO:0015031,GO:0016021
SM_V9_7 Liftoff exon    10114169        10115136        .       -
        .       Parent=Smp_119980.1
SM_V9_7 Liftoff exon    10116696        10116828        .       -
        .       Parent=Smp_119980.1
SM_V9_7 Liftoff exon    10116868        10127883        .       -
        .       Parent=Smp_119980.1
SM_V9_7 Liftoff CDS     10114441        10115136        .       -
        0       Parent=Smp_119980.1
SM_V9_7 Liftoff CDS     10116696        10116828        .       -
        1       Parent=Smp_119980.1
SM_V9_7 Liftoff CDS     10116868        10117163        .       -
        0       Parent=Smp_119980.1
SM_V9_7 Liftoff gene    10200763        10224041        .       +
        .       ID=Smp_174260;geneID=Smp_174260
SM_V9_7 Liftoff mRNA    10200763        10224041        .       +
        .
ID=Smp_174260.1;Parent=Smp_174260;geneID=Smp_174260;product=thyroid
hormone receptor beta;evidence=Traceable Author
Statement;literature=PMID:16406405;polypeptide_domain=InterPro:IPR00
0536,IPR001628,IPR001723,IPR001728,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003677,GO:0003700,GO:0003707,
GO:0004887,GO:0005634,GO:0006355,GO:0008270,GO:0043401,GO:0043565
SM_V9_7 Liftoff exon    10200763        10201262        .       +
        .       Parent=Smp_174260.1
SM_V9_7 Liftoff exon    10207562        10207822        .       +
        .       Parent=Smp_174260.1
SM_V9_7 Liftoff exon    10215443        10216455        .       +
        .       Parent=Smp_174260.1
SM_V9_7 Liftoff exon    10218011        10218145        .       +
        .       Parent=Smp_174260.1
SM_V9_7 Liftoff exon    10218671        10219028        .       +
        .       Parent=Smp_174260.1
SM_V9_7 Liftoff exon    10222336        10224041        .       +
        .       Parent=Smp_174260.1
SM_V9_7 Liftoff CDS     10200869        10201262        .       +
        0       Parent=Smp_174260.1
SM_V9_7 Liftoff CDS     10207562        10207822        .       +
        2       Parent=Smp_174260.1
SM_V9_7 Liftoff CDS     10215443        10216455        .       +
        2       Parent=Smp_174260.1
SM_V9_7 Liftoff CDS     10218011        10218145        .       +
        0       Parent=Smp_174260.1
SM_V9_7 Liftoff CDS     10218671        10219028        .       +
        0       Parent=Smp_174260.1
SM_V9_7 Liftoff CDS     10222336        10222718        .       +
        2       Parent=Smp_174260.1
SM_V9_7 Liftoff gene    10246120        10246815        .       +
        .       ID=Smp_318280;geneID=Smp_318280
SM_V9_7 Liftoff mRNA    10246120        10246815        .       +
        .
ID=Smp_318280.1;Parent=Smp_318280;geneID=Smp_318280;product=Growth/
differentiation factor 11 (Fragment)
SM_V9_7 Liftoff exon    10246120        10246815        .       +
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        .       Parent=Smp_318280.1
SM_V9_7 Liftoff CDS     10246148        10246366        .       +
        0       Parent=Smp_318280.1
SM_V9_7 Liftoff gene    10262475        10277939        .       -
        .       ID=Smp_174240;geneID=Smp_174240
SM_V9_7 Liftoff mRNA    10262475        10277939        .       -
        .
ID=Smp_174240.1;Parent=Smp_174240;geneID=Smp_174240;product=Male-
specific lethal 1-like 1;polypeptide_domain=InterPro:IPR029332
Pfam:PF15275
SM_V9_7 Liftoff exon    10262475        10266084        .       -
        .       Parent=Smp_174240.1
SM_V9_7 Liftoff exon    10267512        10267957        .       -
        .       Parent=Smp_174240.1
SM_V9_7 Liftoff exon    10268928        10269845        .       -
        .       Parent=Smp_174240.1
SM_V9_7 Liftoff exon    10274801        10274924        .       -
        .       Parent=Smp_174240.1
SM_V9_7 Liftoff exon    10274959        10277939        .       -
        .       Parent=Smp_174240.1
SM_V9_7 Liftoff CDS     10265989        10266084        .       -
        0       Parent=Smp_174240.1
SM_V9_7 Liftoff CDS     10267512        10267957        .       -
        2       Parent=Smp_174240.1
SM_V9_7 Liftoff CDS     10268928        10269845        .       -
        2       Parent=Smp_174240.1
SM_V9_7 Liftoff CDS     10274801        10274924        .       -
        0       Parent=Smp_174240.1
SM_V9_7 Liftoff CDS     10274959        10275075        .       -
        0       Parent=Smp_174240.1
SM_V9_7 Liftoff mRNA    10262475        10277939        .       -
        .
ID=Smp_174240.2;Parent=Smp_174240;geneID=Smp_174240;product=Male-
specific lethal 1-like 1;polypeptide_domain=InterPro:IPR029332
Pfam:PF15275
SM_V9_7 Liftoff exon    10262475        10266084        .       -
        .       Parent=Smp_174240.2
SM_V9_7 Liftoff exon    10267512        10267957        .       -
        .       Parent=Smp_174240.2
SM_V9_7 Liftoff exon    10268928        10269845        .       -
        .       Parent=Smp_174240.2
SM_V9_7 Liftoff exon    10274801        10277939        .       -
        .       Parent=Smp_174240.2
SM_V9_7 Liftoff CDS     10265989        10266084        .       -
        0       Parent=Smp_174240.2
SM_V9_7 Liftoff CDS     10267512        10267957        .       -
        2       Parent=Smp_174240.2
SM_V9_7 Liftoff CDS     10268928        10269845        .       -
        2       Parent=Smp_174240.2
SM_V9_7 Liftoff CDS     10274801        10274861        .       -
        0       Parent=Smp_174240.2
SM_V9_7 Liftoff mRNA    10262475        10277939        .       -
        .
ID=Smp_174240.3;Parent=Smp_174240;geneID=Smp_174240;product=Male-
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specific lethal 1-like 1;polypeptide_domain=InterPro:IPR029332
Pfam:PF15275
SM_V9_7 Liftoff exon    10262475        10265239        .       -
        .       Parent=Smp_174240.3
SM_V9_7 Liftoff exon    10265994        10266084        .       -
        .       Parent=Smp_174240.3
SM_V9_7 Liftoff exon    10267512        10267957        .       -
        .       Parent=Smp_174240.3
SM_V9_7 Liftoff exon    10268928        10269845        .       -
        .       Parent=Smp_174240.3
SM_V9_7 Liftoff exon    10274801        10274924        .       -
        .       Parent=Smp_174240.3
SM_V9_7 Liftoff exon    10274959        10277939        .       -
        .       Parent=Smp_174240.3
SM_V9_7 Liftoff CDS     10265163        10265239        .       -
        2       Parent=Smp_174240.3
SM_V9_7 Liftoff CDS     10265994        10266084        .       -
        0       Parent=Smp_174240.3
SM_V9_7 Liftoff CDS     10267512        10267957        .       -
        2       Parent=Smp_174240.3
SM_V9_7 Liftoff CDS     10268928        10269845        .       -
        2       Parent=Smp_174240.3
SM_V9_7 Liftoff CDS     10274801        10274924        .       -
        0       Parent=Smp_174240.3
SM_V9_7 Liftoff CDS     10274959        10275075        .       -
        0       Parent=Smp_174240.3
SM_V9_7 Liftoff gene    10291096        10296860        .       +
        .       ID=Smp_174250;geneID=Smp_174250
SM_V9_7 Liftoff mRNA    10291096        10296860        .       +
        .
ID=Smp_174250.1;Parent=Smp_174250;geneID=Smp_174250;product=Probable
outer membrane protein PmpI
SM_V9_7 Liftoff exon    10291096        10291193        .       +
        .       Parent=Smp_174250.1
SM_V9_7 Liftoff exon    10291352        10291778        .       +
        .       Parent=Smp_174250.1
SM_V9_7 Liftoff exon    10296804        10296860        .       +
        .       Parent=Smp_174250.1
SM_V9_7 Liftoff CDS     10291096        10291193        .       +
        0       Parent=Smp_174250.1
SM_V9_7 Liftoff CDS     10291352        10291778        .       +
        1       Parent=Smp_174250.1
SM_V9_7 Liftoff CDS     10296804        10296860        .       +
        0       Parent=Smp_174250.1
SM_V9_7 Liftoff gene    10298167        10347979        .       -
        .
ID=Smp_332300;geneID=Smp_332300;previous_systematic_id=Smp_095090,Sm
p_144610
SM_V9_7 Liftoff mRNA    10298167        10347979        .       -
        .
ID=Smp_332300.1;Parent=Smp_332300;geneID=Smp_332300;product=Glucose-
6-phosphate exchanger
SLC37A2;polypeptide_domain=InterPro:IPR000849,IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0005215,GO:0006810,GO:0016021,GO:00550
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85
SM_V9_7 Liftoff exon    10298167        10299021        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10300615        10300712        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10305546        10305698        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10310515        10310563        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10312016        10312255        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10313317        10313406        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10316710        10316757        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10320747        10320793        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10332119        10332285        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10340322        10340398        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10345116        10345251        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10347428        10347506        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10347554        10347729        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff exon    10347767        10347979        .       -
        .       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10298917        10299021        .       -
        0       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10300615        10300712        .       -
        2       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10305546        10305698        .       -
        2       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10310515        10310563        .       -
        0       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10312016        10312255        .       -
        0       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10313317        10313406        .       -
        0       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10316710        10316757        .       -
        0       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10320747        10320793        .       -
        2       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10332119        10332285        .       -
        1       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10340322        10340398        .       -
        0       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10345116        10345251        .       -
        1       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10347428        10347506        .       -
        2       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10347554        10347729        .       -
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        1       Parent=Smp_332300.1
SM_V9_7 Liftoff CDS     10347767        10347831        .       -
        0       Parent=Smp_332300.1
SM_V9_7 iris    gene    10362304        10384039        .       -
        .
ID=Smp_041190;geneID=Smp_041190;gene_name=Smp_041190;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    10362304        10384039        .       -
        .
ID=Smp_041190.1;Parent=Smp_041190;geneID=Smp_041190;gene_name=Smp_04
1190;owner=irisadmin@local.host;orig_id=Smp_041190.2;date_last_modif
ied=2022-07-16;Name=Smp_041190.1;product=Outer dense fiber protein
2;date_creation=2022-07-16
SM_V9_7 iris    exon    10362304        10363461        .       -
        .
Parent=Smp_041190.1;Name=42fa6b1b-1b32-4f40-8746-2b50cc5228c1
SM_V9_7 iris    exon    10368417        10368665        .       -
        .
Parent=Smp_041190.1;Name=5ee55c09-3f82-4c3c-854f-935ac0cfe6e7
SM_V9_7 iris    exon    10370041        10370217        .       -
        .       Parent=Smp_041190.1;Name=53278ddc-52bc-4af3-ad43-
b682f52899b5
SM_V9_7 iris    exon    10372265        10372405        .       -
        .       Parent=Smp_041190.1;Name=6a4a560a-15b2-471c-a05c-
afc8296595b5
SM_V9_7 iris    exon    10374299        10374527        .       -
        .       Parent=Smp_041190.1;Name=198e54c7-b558-4c07-9fbf-
c2b907035666
SM_V9_7 iris    exon    10375242        10375383        .       -
        .
Parent=Smp_041190.1;Name=95a34a3b-1e7c-4b60-915c-0dde6849ed55
SM_V9_7 iris    exon    10376979        10377219        .       -
        .       Parent=Smp_041190.1;Name=bddb4424-1acd-48d1-b709-
cfd3d0cb18e1
SM_V9_7 iris    exon    10377644        10377937        .       -
        .       Parent=Smp_041190.1;Name=580f1ed3-0522-4c14-91e5-
fc9a651ebfa9
SM_V9_7 iris    exon    10380399        10380496        .       -
        .       Parent=Smp_041190.1;Name=daa7bfa9-12a4-4554-95fe-
c90fa0cb6ac7
SM_V9_7 iris    exon    10383731        10384039        .       -
        .
Parent=Smp_041190.1;Name=1132080d-2a5d-4175-9086-8089f7a95e07
SM_V9_7 iris    CDS     10363111        10363461        .       -
        0       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10368417        10368665        .       -
        0       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10370041        10370217        .       -
        0       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10372265        10372405        .       -
        0       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10374299        10374527        .       -
        1       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10375242        10375383        .       -
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        2       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10376979        10377219        .       -
        0       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10377644        10377937        .       -
        0       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10380399        10380496        .       -
        2       Parent=Smp_041190.1
SM_V9_7 iris    CDS     10383731        10383944        .       -
        0       Parent=Smp_041190.1
SM_V9_7 iris    gene    10403603        10456915        .       +
        .
ID=Smp_332310;geneID=Smp_332310;gene_name=Smp_332310;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-07-16
SM_V9_7 iris    mRNA    10403603        10456915        .       +
        .
ID=Smp_332310.1;Parent=Smp_332310;geneID=Smp_332310;gene_name=Smp_33
2310;owner=irisadmin@local.host;orig_id=Smp_332310.1;date_last_modif
ied=2022-08-15;Name=Smp_332310.1;product=Regulator of G-protein
signaling 3;date_creation=2022-07-16
SM_V9_7 iris    exon    10403603        10403743        .       +
        .       Parent=Smp_332310.1;Name=a25566dc-5cc4-4754-
b176-176e1c25ed26
SM_V9_7 iris    exon    10406922        10407034        .       +
        .       Parent=Smp_332310.1;Name=79751a60-cbfb-45c9-a7f2-
a7665b23798b
SM_V9_7 iris    exon    10407224        10407571        .       +
        .       Parent=Smp_332310.1;Name=f5bf66f5-3a99-4f17-b4a0-
e4796cc6d2de
SM_V9_7 iris    exon    10415019        10416580        .       +
        .       Parent=Smp_332310.1;Name=cdb5f449-
d11a-4bcf-8563-87fd6c645a2b
SM_V9_7 iris    exon    10429487        10429537        .       +
        .       Parent=Smp_332310.1;Name=aac34447-
bd85-4328-9bfe-2ec654df23b9
SM_V9_7 iris    exon    10436227        10436285        .       +
        .
Parent=Smp_332310.1;Name=5a7b255d-9786-407b-96c5-420eede7efae
SM_V9_7 iris    exon    10437703        10437872        .       +
        .       Parent=Smp_332310.1;Name=67aea1ab-b62e-4f70-
bdd1-3f46000b1a6c
SM_V9_7 iris    exon    10439917        10439971        .       +
        .       Parent=Smp_332310.1;Name=3600ad7b-177c-470e-8dcd-
c02295a4ef8c
SM_V9_7 iris    exon    10441265        10441771        .       +
        .
Parent=Smp_332310.1;Name=28af7ac0-2154-4cbd-8090-5250c3fb86b5
SM_V9_7 iris    exon    10449166        10449353        .       +
        .       Parent=Smp_332310.1;Name=4f8ffc1d-27cc-4d6b-9b84-
efa164ddc532
SM_V9_7 iris    exon    10451845        10452478        .       +
        .
Parent=Smp_332310.1;Name=4aac782b-9099-42e8-9619-7bad5b857473
SM_V9_7 iris    exon    10454302        10454465        .       +
        .       Parent=Smp_332310.1;Name=ac97fcb6-44ad-405e-8f88-
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c86650c214d7
SM_V9_7 iris    exon    10456446        10456915        .       +
        .       Parent=Smp_332310.1;Name=aedbc992-
d466-4606-9393-28c4c852738a
SM_V9_7 iris    CDS     10415119        10416580        .       +
        0       Parent=Smp_332310.1
SM_V9_7 iris    CDS     10429487        10429537        .       +
        2       Parent=Smp_332310.1
SM_V9_7 iris    CDS     10436227        10436285        .       +
        2       Parent=Smp_332310.1
SM_V9_7 iris    CDS     10437703        10437872        .       +
        0       Parent=Smp_332310.1
SM_V9_7 iris    CDS     10439917        10439971        .       +
        1       Parent=Smp_332310.1
SM_V9_7 iris    CDS     10441265        10441771        .       +
        0       Parent=Smp_332310.1
SM_V9_7 iris    CDS     10449166        10449353        .       +
        0       Parent=Smp_332310.1
SM_V9_7 iris    CDS     10451845        10452328        .       +
        1       Parent=Smp_332310.1
SM_V9_7 iris    gene    10461976        10545821        .       +
        .
ID=Smp_332320;geneID=Smp_332320;gene_name=Smp_332320;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_7 iris    mRNA    10461976        10545821        .       +
        .
ID=Smp_332320.1;Parent=Smp_332320;geneID=Smp_332320;gene_name=Smp_33
2320;owner=irisadmin@local.host;orig_id=Smp_332320.1;date_last_modif
ied=2022-08-15;Name=Smp_332320.1;product=Corticotropin-releasing
factor receptor 2;date_creation=2022-08-15
SM_V9_7 iris    exon    10461976        10462309        .       +
        .
Parent=Smp_332320.1;Name=570bf6dc-11f3-4b5d-9e01-1500ff320d47
SM_V9_7 iris    exon    10486890        10487018        .       +
        .       Parent=Smp_332320.1;Name=d84f8d97-43c1-4a74-beea-
da7eede677ba
SM_V9_7 iris    exon    10497455        10497534        .       +
        .       Parent=Smp_332320.1;Name=aa0ff45e-8740-4b1e-a219-
d3ed0620cc80
SM_V9_7 iris    exon    10504153        10504250        .       +
        .       Parent=Smp_332320.1;Name=72dfe910-c609-46df-9b82-
d77bad591f7c
SM_V9_7 iris    exon    10510890        10510995        .       +
        .       Parent=Smp_332320.1;Name=a4133ce1-4f9c-4f06-
a825-22e8d402b463
SM_V9_7 iris    exon    10522373        10522538        .       +
        .       Parent=Smp_332320.1;Name=7f7bdc71-
bf0b-47bb-8e96-3e82bfcd4e5b
SM_V9_7 iris    exon    10523022        10523085        .       +
        .       Parent=Smp_332320.1;Name=35e24799-602b-4581-
a528-792b2c6f7e01
SM_V9_7 iris    exon    10529188        10529260        .       +
        .       Parent=Smp_332320.1;Name=ca726a18-3e94-476b-afaa-
c506eeec8cd8
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SM_V9_7 iris    exon    10532230        10533008        .       +
        .       Parent=Smp_332320.1;Name=228e87cc-4936-41cb-8fdb-
cd3b9891f05e
SM_V9_7 iris    exon    10534184        10534313        .       +
        .       Parent=Smp_332320.1;Name=3c587eb0-a6ba-47f5-8052-
e762969cd028
SM_V9_7 iris    exon    10537940        10537981        .       +
        .       Parent=Smp_332320.1;Name=296efba6-22cb-44a7-
adf6-53185a054fbb
SM_V9_7 iris    exon    10544455        10545821        .       +
        .       Parent=Smp_332320.1;Name=4e3b646a-
dfc0-4ddf-8501-1f340e439919
SM_V9_7 iris    CDS     10462249        10462309        .       +
        0       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10486890        10487018        .       +
        2       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10497455        10497534        .       +
        2       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10504153        10504250        .       +
        0       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10510890        10510995        .       +
        1       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10522373        10522538        .       +
        0       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10523022        10523085        .       +
        2       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10529188        10529260        .       +
        1       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10532230        10533008        .       +
        0       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10534184        10534313        .       +
        1       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10537940        10537981        .       +
        0       Parent=Smp_332320.1
SM_V9_7 iris    CDS     10544455        10544601        .       +
        0       Parent=Smp_332320.1
SM_V9_7 iris    gene    10556982        10579272        .       -
        .
ID=Smp_144660;geneID=Smp_144660;gene_name=Smp_144660;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    10556982        10579272        .       -
        .
ID=Smp_144660.1;Parent=Smp_144660;geneID=Smp_144660;gene_name=Smp_14
4660;owner=irisadmin@local.host;orig_id=Smp_144660.3;date_last_modif
ied=2022-07-16;Name=Smp_144660.1;product=EF-hand domain-containing
family member B;date_creation=2022-07-16
SM_V9_7 iris    exon    10556982        10557445        .       -
        .       Parent=Smp_144660.1;Name=d4a89d2b-
bdc6-4256-8008-4402e896e9c1
SM_V9_7 iris    exon    10564294        10564422        .       -
        .       Parent=Smp_144660.1;Name=befca04d-6dd1-40ef-a983-
d226149df1a8
SM_V9_7 iris    exon    10565841        10566007        .       -
        .       Parent=Smp_144660.1;Name=89a25ada-e3a2-4a7a-
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a03a-255863569b43
SM_V9_7 iris    exon    10568127        10568472        .       -
        .       Parent=Smp_144660.1;Name=4f18f088-60ef-4b03-
b966-5ee7c0960584
SM_V9_7 iris    exon    10570633        10570921        .       -
        .       Parent=Smp_144660.1;Name=f1ddb44e-af07-4f15-bba2-
a3146fedc633
SM_V9_7 iris    exon    10572939        10573118        .       -
        .       Parent=Smp_144660.1;Name=bedfcadb-2ae4-47d5-bcd3-
afabda64f5e6
SM_V9_7 iris    exon    10575070        10575208        .       -
        .       Parent=Smp_144660.1;Name=f2470adb-
f13b-41b7-92d3-60063f9a3d05
SM_V9_7 iris    exon    10575936        10576117        .       -
        .       Parent=Smp_144660.1;Name=77a36c82-c680-41b0-ba78-
d37942c5a179
SM_V9_7 iris    exon    10578804        10578986        .       -
        .
Parent=Smp_144660.1;Name=10c748a1-1dc6-4b0b-8554-81030d195fd7
SM_V9_7 iris    exon    10579020        10579082        .       -
        .
Parent=Smp_144660.1;Name=f18dd1bc-86fa-4600-8223-2faf587415d3
SM_V9_7 iris    exon    10579124        10579272        .       -
        .       Parent=Smp_144660.1;Name=8bebf429-
dc58-44a6-819f-3e1d80ae1514
SM_V9_7 iris    CDS     10557236        10557445        .       -
        0       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10564294        10564422        .       -
        0       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10565841        10566007        .       -
        2       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10568127        10568472        .       -
        0       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10570633        10570921        .       -
        1       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10572939        10573118        .       -
        1       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10575070        10575208        .       -
        2       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10575936        10576117        .       -
        1       Parent=Smp_144660.1
SM_V9_7 iris    CDS     10578804        10578817        .       -
        0       Parent=Smp_144660.1
SM_V9_7 Liftoff gene    10597371        10632033        .       +
        .
ID=Smp_336610;geneID=Smp_336610;previous_systematic_id=Smp_144670,Sm
p_144680
SM_V9_7 Liftoff mRNA    10597371        10632033        .       +
        .
ID=Smp_336610.1;Parent=Smp_336610;geneID=Smp_336610;product=Stabiliz
er of axonemal microtubules 1
SM_V9_7 Liftoff exon    10597371        10597480        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10614527        10614697        .       +
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        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10617690        10617805        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10620634        10620720        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10623166        10623289        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10624823        10625034        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10627416        10627693        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10629281        10629592        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff exon    10631076        10632033        .       +
        .       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10597431        10597480        .       +
        0       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10614527        10614697        .       +
        1       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10617690        10617805        .       +
        1       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10620634        10620720        .       +
        2       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10623166        10623289        .       +
        2       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10624823        10625034        .       +
        1       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10627416        10627693        .       +
        2       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10629281        10629592        .       +
        0       Parent=Smp_336610.1
SM_V9_7 Liftoff CDS     10631076        10631195        .       +
        0       Parent=Smp_336610.1
SM_V9_7 Liftoff gene    10643692        10646707        .       -
        .       ID=Smp_318290;geneID=Smp_318290
SM_V9_7 Liftoff mRNA    10643692        10646707        .       -
        .
ID=Smp_318290.1;Parent=Smp_318290;geneID=Smp_318290;product=DCC-
interacting protein 13-alpha
SM_V9_7 Liftoff exon    10643692        10646707        .       -
        .       Parent=Smp_318290.1
SM_V9_7 Liftoff CDS     10644523        10644762        .       -
        0       Parent=Smp_318290.1
SM_V9_7 iris    gene    10654439        10698712        .       +
        .
ID=Smp_144700;geneID=Smp_144700;gene_name=Smp_144700;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_7 iris    mRNA    10654439        10698712        .       +
        .
ID=Smp_144700.1;Parent=Smp_144700;geneID=Smp_144700;gene_name=Smp_14
4700;owner=irisadmin@local.host;orig_id=Smp_144700.1;date_last_modif
ied=2022-07-20;Name=Smp_144700.1;product=5'-AMP-activated protein
kinase subunit gamma-1;date_creation=2022-07-20
SM_V9_7 iris    exon    10654439        10654497        .       +
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        .       Parent=Smp_144700.1;Name=424f8db8-515b-49a9-bdbd-
faf44978eb2c
SM_V9_7 iris    exon    10657632        10657741        .       +
        .       Parent=Smp_144700.1;Name=904b3b3f-e857-4d6d-
a002-75d27d4192a7
SM_V9_7 iris    exon    10659840        10659960        .       +
        .       Parent=Smp_144700.1;Name=08f46956-e8aa-4ad4-
a29d-4ef145aedd08
SM_V9_7 iris    exon    10661507        10661681        .       +
        .       Parent=Smp_144700.1;Name=66863461-d282-4e81-
ad15-4ac769c792a6
SM_V9_7 iris    exon    10663046        10663254        .       +
        .       Parent=Smp_144700.1;Name=2f7f4043-3ea1-49f3-
bda0-9ebc84b5a984
SM_V9_7 iris    exon    10670272        10670730        .       +
        .       Parent=Smp_144700.1;Name=2d231d42-d4db-440b-
b7c3-5a0eb51192f0
SM_V9_7 iris    exon    10671722        10671770        .       +
        .       Parent=Smp_144700.1;Name=9b41b5ab-eac3-499f-
b51a-2cd218b10833
SM_V9_7 iris    exon    10675757        10675831        .       +
        .       Parent=Smp_144700.1;Name=6f5f95c5-37a8-40e1-89a7-
ef15d154cc63
SM_V9_7 iris    exon    10677833        10677939        .       +
        .
Parent=Smp_144700.1;Name=0bd1a752-2888-47ab-9f19-8cb0449fe6b5
SM_V9_7 iris    exon    10679052        10679091        .       +
        .       Parent=Smp_144700.1;Name=0b084699-1f62-4131-
a841-1f1961de0bfa
SM_V9_7 iris    exon    10680685        10680782        .       +
        .       Parent=Smp_144700.1;Name=3b30ae4c-f94c-4f8e-
ab6c-4436af62c50b
SM_V9_7 iris    exon    10682092        10682383        .       +
        .       Parent=Smp_144700.1;Name=2a64b45c-336f-4549-
b8de-81b215cc2768
SM_V9_7 iris    exon    10683639        10684288        .       +
        .       Parent=Smp_144700.1;Name=e30f6dc6-
c5f9-403c-82c1-11914e230cc1
SM_V9_7 iris    exon    10687139        10687210        .       +
        .
Parent=Smp_144700.1;Name=a73b7b65-20f8-4bf3-9632-532b0639bfc4
SM_V9_7 iris    exon    10687244        10687432        .       +
        .       Parent=Smp_144700.1;Name=71ee7a4d-9ba6-4e2a-
a65b-2613ba4c2345
SM_V9_7 iris    exon    10689336        10689410        .       +
        .
Parent=Smp_144700.1;Name=5d3dca0d-90a1-42f1-8f5d-22e658881f0e
SM_V9_7 iris    exon    10692965        10693045        .       +
        .
Parent=Smp_144700.1;Name=60a1e3ce-6eeb-428a-822d-4898f4af0ce5
SM_V9_7 iris    exon    10695039        10695778        .       +
        .       Parent=Smp_144700.1;Name=dd9ee8c5-b2a8-4810-
a6d1-36336410e0a7
SM_V9_7 iris    exon    10697928        10698712        .       +
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        .       Parent=Smp_144700.1;Name=6d16a2b4-1942-4437-
b0e4-1a63fb04cb0a
SM_V9_7 iris    CDS     10659871        10659960        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10661507        10661681        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10663046        10663254        .       +
        2       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10670272        10670730        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10671722        10671770        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10675757        10675831        .       +
        2       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10677833        10677939        .       +
        2       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10679052        10679091        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10680685        10680782        .       +
        2       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10682092        10682383        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10683639        10684288        .       +
        2       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10687139        10687210        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10687244        10687432        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10689336        10689410        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10692965        10693045        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10695039        10695778        .       +
        0       Parent=Smp_144700.1
SM_V9_7 iris    CDS     10697928        10698168        .       +
        1       Parent=Smp_144700.1
SM_V9_7 Liftoff gene    10701662        10706317        .       -
        .       ID=Smp_318300;geneID=Smp_318300
SM_V9_7 Liftoff mRNA    10701662        10706317        .       -
        .
ID=Smp_318300.1;Parent=Smp_318300;geneID=Smp_318300;product=50S
ribosomal protein L6
SM_V9_7 Liftoff exon    10701662        10702405        .       -
        .       Parent=Smp_318300.1
SM_V9_7 Liftoff exon    10703627        10703777        .       -
        .       Parent=Smp_318300.1
SM_V9_7 Liftoff exon    10705720        10706317        .       -
        .       Parent=Smp_318300.1
SM_V9_7 Liftoff CDS     10702354        10702405        .       -
        1       Parent=Smp_318300.1
SM_V9_7 Liftoff CDS     10703627        10703777        .       -
        2       Parent=Smp_318300.1
SM_V9_7 Liftoff CDS     10705720        10705828        .       -
        0       Parent=Smp_318300.1
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SM_V9_7 Liftoff gene    10713089        10716617        .       -
        .       ID=Smp_318310;geneID=Smp_318310
SM_V9_7 Liftoff mRNA    10713089        10716617        .       -
        .
ID=Smp_318310.1;Parent=Smp_318310;geneID=Smp_318310;product=AAA-
ATPase At5g17740
SM_V9_7 Liftoff exon    10713089        10713207        .       -
        .       Parent=Smp_318310.1
SM_V9_7 Liftoff exon    10714735        10714880        .       -
        .       Parent=Smp_318310.1
SM_V9_7 Liftoff exon    10716267        10716617        .       -
        .       Parent=Smp_318310.1
SM_V9_7 Liftoff CDS     10713187        10713207        .       -
        0       Parent=Smp_318310.1
SM_V9_7 Liftoff CDS     10714735        10714880        .       -
        2       Parent=Smp_318310.1
SM_V9_7 Liftoff CDS     10716267        10716390        .       -
        0       Parent=Smp_318310.1
SM_V9_7 iris    gene    10725832        10828927        .       -
        .
ID=Smp_300840;geneID=Smp_300840;gene_name=Smp_300840;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    10725832        10753997        .       -
        .
ID=Smp_300840.1;Parent=Smp_300840;geneID=Smp_300840;gene_name=Smp_30
0840;owner=irisadmin@local.host;orig_id=Smp_300840.1;date_last_modif
ied=2022-07-16;Name=Smp_300840.1;product=CUGBP Elav-like family
member 3;date_creation=2022-07-16
SM_V9_7 iris    exon    10725832        10726537        .       -
        .
Parent=Smp_300840.1;Name=14901934-97b0-465d-9cfd-300f72b15773
SM_V9_7 iris    exon    10727848        10727991        .       -
        .       Parent=Smp_300840.1;Name=586a78d4-5def-4320-a6cb-
e4ddc6a3ce53
SM_V9_7 iris    exon    10732864        10732888        .       -
        .
Parent=Smp_300840.1;Name=e397b4f7-36d7-43ca-9caa-73a30790de0b
SM_V9_7 iris    exon    10736774        10736884        .       -
        .       Parent=Smp_300840.1;Name=d52cb7a2-c189-40cc-be7b-
d192f5518767
SM_V9_7 iris    exon    10737963        10738067        .       -
        .       Parent=Smp_300840.1;Name=0a0d5259-
c1fd-44de-85cf-8246fa88c294
SM_V9_7 iris    exon    10739141        10739789        .       -
        .       Parent=Smp_300840.1;Name=e9f0c733-4926-4277-8656-
a55aa9e0f878
SM_V9_7 iris    exon    10741805        10741957        .       -
        .       Parent=Smp_300840.1;Name=abc9200c-9038-40ed-8bb8-
e8d842054ae6
SM_V9_7 iris    exon    10743153        10743232        .       -
        .       Parent=Smp_300840.1;Name=e6e6e930-cefa-43ac-
ac96-7f3e8ad1e7b9
SM_V9_7 iris    exon    10745485        10745613        .       -
        .       Parent=Smp_300840.1;Name=e0735776-dfac-4d8a-
```

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aabb-212ec219d97d
SM_V9_7 iris    exon    10752814        10753997        .       -
        .       Parent=Smp_300840.1;Name=551beedd-
d2f5-4398-924b-138ca4b6ad75
SM_V9_7 iris    CDS     10727889        10727991        .       -
        1       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10732864        10732888        .       -
        2       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10736774        10736884        .       -
        2       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10737963        10738067        .       -
        2       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10739141        10739789        .       -
        0       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10741805        10741957        .       -
        0       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10743153        10743232        .       -
        2       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10745485        10745613        .       -
        2       Parent=Smp_300840.1
SM_V9_7 iris    CDS     10752814        10753729        .       -
        0       Parent=Smp_300840.1
SM_V9_7 iris    mRNA    10725832        10828927        .       -
        .
ID=Smp_300840.2;Parent=Smp_300840;geneID=Smp_300840;gene_name=Smp_30
0840;owner=irisadmin@local.host;date_last_modified=2022-07-16;Name=S
mp_300840.2;product=CUGBP Elav-like family member
4;date_creation=2022-07-16
SM_V9_7 iris    exon    10725832        10726537        .       -
        .       Parent=Smp_300840.2;Name=de20d73f-908e-43de-a4da-
d9dba01b515d
SM_V9_7 iris    exon    10727848        10727991        .       -
        .       Parent=Smp_300840.2;Name=7901dab9-97a6-4db6-bccf-
d9f60303e70d
SM_V9_7 iris    exon    10732864        10732888        .       -
        .       Parent=Smp_300840.2;Name=6ca061a4-6a82-410d-82a5-
c09e06d75d97
SM_V9_7 iris    exon    10736774        10736884        .       -
        .       Parent=Smp_300840.2;Name=cfa97221-c97b-4050-
a998-061dc5842317
SM_V9_7 iris    exon    10737963        10738067        .       -
        .       Parent=Smp_300840.2;Name=97da8ab2-6a0c-4dc7-b967-
f7888212ee8b
SM_V9_7 iris    exon    10739141        10739789        .       -
        .       Parent=Smp_300840.2;Name=cec13162-82d4-4441-
a899-652ad1a9a611
SM_V9_7 iris    exon    10741805        10741957        .       -
        .       Parent=Smp_300840.2;Name=0a8007d5-dd04-42f7-8ad6-
fe88b872dc4a
SM_V9_7 iris    exon    10743153        10743232        .       -
        .       Parent=Smp_300840.2;Name=69af5177-8ad2-4f16-a196-
f70adafb4c92
SM_V9_7 iris    exon    10745485        10745613        .       -
        .       Parent=Smp_300840.2;Name=4ce19bb9-8d56-4a0b-a1b0-
```

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cf9d0a981749
SM_V9_7 iris    exon    10758408        10758456        .       -
        .
Parent=Smp_300840.2;Name=b4461f94-4a62-41d7-95ec-1d5fd34fa998
SM_V9_7 iris    exon    10774926        10775008        .       -
        .       Parent=Smp_300840.2;Name=985a7faf-cfda-4027-8885-
e31706e4847a
SM_V9_7 iris    exon    10827603        10828927        .       -
        .       Parent=Smp_300840.2;Name=07e839f4-
f920-4b1c-845a-64bacd77b611
SM_V9_7 iris    CDS     10727889        10727991        .       -
        1       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10732864        10732888        .       -
        2       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10736774        10736884        .       -
        2       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10737963        10738067        .       -
        2       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10739141        10739789        .       -
        0       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10741805        10741957        .       -
        0       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10743153        10743232        .       -
        2       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10745485        10745613        .       -
        2       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10758408        10758456        .       -
        0       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10774926        10775008        .       -
        2       Parent=Smp_300840.2
SM_V9_7 iris    CDS     10827603        10828284        .       -
        0       Parent=Smp_300840.2
SM_V9_7 iris    gene    10883414        10912702        .       -
        .
ID=Smp_144740;geneID=Smp_144740;gene_name=Smp_144740;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_7 iris    mRNA    10883414        10912702        .       -
        .
ID=Smp_144740.1;Parent=Smp_144740;geneID=Smp_144740;gene_name=Smp_14
4740;owner=irisadmin@local.host;orig_id=Smp_144740.1;date_last_modif
ied=2022-07-20;Name=Smp_144740.1;product=Band 4.1-like protein
3;date_creation=2022-07-20
SM_V9_7 iris    exon    10883414        10884251        .       -
        .       Parent=Smp_144740.1;Name=a195d71e-e255-4074-
adfe-91192734fa7e
SM_V9_7 iris    exon    10886180        10886777        .       -
        .       Parent=Smp_144740.1;Name=b237ae0d-3d48-43ba-a471-
c7021fd9582a
SM_V9_7 iris    exon    10887410        10888153        .       -
        .       Parent=Smp_144740.1;Name=7556fa50-
d685-43c0-8c5d-8739e117c42b
SM_V9_7 iris    exon    10888593        10888907        .       -
        .       Parent=Smp_144740.1;Name=2d18f65f-
d293-4705-8ef1-80ef43792ec1
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SM_V9_7 iris    exon    10889841        10889936        .       -
        .
Parent=Smp_144740.1;Name=f5276455-5f0e-4470-968d-6571f9223c5e
SM_V9_7 iris    exon    10893795        10893825        .       -
        .       Parent=Smp_144740.1;Name=feba0c37-df1f-49b0-9355-
d20728bbb267
SM_V9_7 iris    exon    10895113        10895222        .       -
        .       Parent=Smp_144740.1;Name=7b3c5348-9e3b-4231-
b2b5-32bfe29ed7a4
SM_V9_7 iris    exon    10896331        10896422        .       -
        .       Parent=Smp_144740.1;Name=9b8eb3b8-58d7-46ed-ab20-
db4c44c34c16
SM_V9_7 iris    exon    10897978        10898038        .       -
        .       Parent=Smp_144740.1;Name=747a6c68-
b090-411c-8d3c-70875e423346
SM_V9_7 iris    exon    10900260        10900351        .       -
        .
Parent=Smp_144740.1;Name=8d8e8dd8-4577-413f-8552-507dfba8e7fc
SM_V9_7 iris    exon    10902050        10902137        .       -
        .       Parent=Smp_144740.1;Name=67eb26b6-7720-4923-8e33-
e28519dd0299
SM_V9_7 iris    exon    10904246        10904366        .       -
        .       Parent=Smp_144740.1;Name=a487f16a-b284-41ba-
b5fe-20e96c86ce4c
SM_V9_7 iris    exon    10905221        10905318        .       -
        .
Parent=Smp_144740.1;Name=770ead2e-2169-4e81-8ecc-725d3ec34e8b
SM_V9_7 iris    exon    10910667        10910964        .       -
        .       Parent=Smp_144740.1;Name=d5e94cd6-7663-4c2c-96e0-
fcbbd2345ba7
SM_V9_7 iris    exon    10912332        10912384        .       -
        .
Parent=Smp_144740.1;Name=287fa551-4233-498c-9be1-8a1f00ebe0aa
SM_V9_7 iris    exon    10912421        10912525        .       -
        .
Parent=Smp_144740.1;Name=d7c3a6d8-5dd2-4792-8381-9a4c002f000c
SM_V9_7 iris    exon    10912570        10912702        .       -
        .       Parent=Smp_144740.1;Name=8f39505b-14b3-4321-bf82-
a2a26ac7a4d4
SM_V9_7 iris    CDS     10883751        10884251        .       -
        0       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10886180        10886777        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10887410        10888153        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10888593        10888907        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10889841        10889936        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10893795        10893825        .       -
        2       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10895113        10895222        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10896331        10896422        .       -
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        0       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10897978        10898038        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10900260        10900351        .       -
        0       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10902050        10902137        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10904246        10904366        .       -
        2       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10905221        10905318        .       -
        1       Parent=Smp_144740.1
SM_V9_7 iris    CDS     10910667        10910863        .       -
        0       Parent=Smp_144740.1
SM_V9_7 iris    gene    10922269        10959719        .       +
        .
ID=Smp_041370;geneID=Smp_041370;gene_name=Smp_041370;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    10922269        10951468        .       +
        .
ID=Smp_041370.2;Parent=Smp_041370;geneID=Smp_041370;gene_name=Smp_04
1370;owner=irisadmin@local.host;orig_id=Smp_041370.1;date_last_modif
ied=2022-07-16;Name=Smp_041370.2;product=Carbamoyl-phosphate
synthase small chain;date_creation=2022-07-16
SM_V9_7 iris    exon    10922269        10922382        .       +
        .       Parent=Smp_041370.2;Name=7bf386b8-fd92-4f7c-b7f3-
a083ea00138a
SM_V9_7 iris    exon    10922417        10922778        .       +
        .       Parent=Smp_041370.2;Name=1c595a27-f8fc-4569-9ade-
a3f9be0c34ae
SM_V9_7 iris    exon    10924549        10925029        .       +
        .       Parent=Smp_041370.2;Name=99ca5ca2-071c-4cce-8c7c-
a04deb9e3667
SM_V9_7 iris    exon    10927366        10927989        .       +
        .       Parent=Smp_041370.2;Name=0a326382-2cb3-490a-
b2e1-3893fc12d046
SM_V9_7 iris    exon    10929930        10930080        .       +
        .       Parent=Smp_041370.2;Name=590894a6-
db4e-4d7a-946c-69cc020f68f1
SM_V9_7 iris    exon    10937661        10937694        .       +
        .       Parent=Smp_041370.2;Name=1ad232ba-
c1b2-41d9-96e7-12ac717d2737
SM_V9_7 iris    exon    10949962        10951468        .       +
        .       Parent=Smp_041370.2;Name=edacbcd3-f39f-4168-
aa95-863700fb303e
SM_V9_7 iris    CDS     10922334        10922382        .       +
        0       Parent=Smp_041370.2
SM_V9_7 iris    CDS     10922417        10922778        .       +
        2       Parent=Smp_041370.2
SM_V9_7 iris    CDS     10924549        10925029        .       +
        0       Parent=Smp_041370.2
SM_V9_7 iris    CDS     10927366        10927989        .       +
        2       Parent=Smp_041370.2
SM_V9_7 iris    CDS     10929930        10930080        .       +
        2       Parent=Smp_041370.2
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SM_V9_7 iris    CDS     10937661        10937694        .       +
        1       Parent=Smp_041370.2
SM_V9_7 iris    CDS     10949962        10950030        .       +
        0       Parent=Smp_041370.2
SM_V9_7 iris    mRNA    10922269        10959719        .       +
        .
ID=Smp_041370.1;Parent=Smp_041370;geneID=Smp_041370;gene_name=Smp_04
1370;owner=irisadmin@local.host;orig_id=Smp_041370.3;date_last_modif
ied=2022-07-16;Name=Smp_041370.1;product=Cell surface glycoprotein
MUC18;date_creation=2022-07-16
SM_V9_7 iris    exon    10922269        10922382        .       +
        .
Parent=Smp_041370.1;Name=c173afe1-4158-4abc-9a71-36394b7cd0d9
SM_V9_7 iris    exon    10922417        10922778        .       +
        .       Parent=Smp_041370.1;Name=70776445-3fbe-42ed-
a714-12bd09a85d1c
SM_V9_7 iris    exon    10924549        10925029        .       +
        .       Parent=Smp_041370.1;Name=57122119-82d1-4c61-
ada6-1965e04cb93d
SM_V9_7 iris    exon    10927366        10927989        .       +
        .       Parent=Smp_041370.1;Name=3a3a335f-641f-4aed-
a8cf-069fd9de4958
SM_V9_7 iris    exon    10929930        10930080        .       +
        .       Parent=Smp_041370.1;Name=0653f5b5-a2b0-4eb9-
b5bc-19ff91c26511
SM_V9_7 iris    exon    10937661        10937694        .       +
        .
Parent=Smp_041370.1;Name=67aebc4a-8f66-40c2-9721-9f40d51d9e01
SM_V9_7 iris    exon    10956393        10959719        .       +
        .       Parent=Smp_041370.1;Name=0ad5fff0-7dd9-4e56-9384-
b8234cdbc2d5
SM_V9_7 iris    CDS     10922334        10922382        .       +
        0       Parent=Smp_041370.1
SM_V9_7 iris    CDS     10922417        10922778        .       +
        2       Parent=Smp_041370.1
SM_V9_7 iris    CDS     10924549        10925029        .       +
        0       Parent=Smp_041370.1
SM_V9_7 iris    CDS     10927366        10927989        .       +
        2       Parent=Smp_041370.1
SM_V9_7 iris    CDS     10929930        10930080        .       +
        2       Parent=Smp_041370.1
SM_V9_7 iris    CDS     10937661        10937694        .       +
        1       Parent=Smp_041370.1
SM_V9_7 iris    CDS     10956393        10957034        .       +
        0       Parent=Smp_041370.1
SM_V9_7 Liftoff gene    10996920        11014381        .       +
        .       ID=Smp_144750;geneID=Smp_144750
SM_V9_7 Liftoff mRNA    10996920        11014381        .       +
        .
ID=Smp_144750.1;Parent=Smp_144750;geneID=Smp_144750;product=Hypothet
ical protein
SM_V9_7 Liftoff exon    10996920        10997304        .       +
        .       Parent=Smp_144750.1
SM_V9_7 Liftoff exon    10999587        10999777        .       +
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        .       Parent=Smp_144750.1
SM_V9_7 Liftoff exon    11001063        11001250        .       +
        .       Parent=Smp_144750.1
SM_V9_7 Liftoff exon    11004347        11004527        .       +
        .       Parent=Smp_144750.1
SM_V9_7 Liftoff exon    11006107        11006179        .       +
        .       Parent=Smp_144750.1
SM_V9_7 Liftoff exon    11008333        11009234        .       +
        .       Parent=Smp_144750.1
SM_V9_7 Liftoff exon    11010952        11011226        .       +
        .       Parent=Smp_144750.1
SM_V9_7 Liftoff exon    11011992        11014381        .       +
        .       Parent=Smp_144750.1
SM_V9_7 Liftoff CDS     10997175        10997304        .       +
        0       Parent=Smp_144750.1
SM_V9_7 Liftoff CDS     10999587        10999777        .       +
        2       Parent=Smp_144750.1
SM_V9_7 Liftoff CDS     11001063        11001250        .       +
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SM_V9_7 Liftoff CDS     11004347        11004527        .       +
        1       Parent=Smp_144750.1
SM_V9_7 Liftoff CDS     11006107        11006179        .       +
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SM_V9_7 Liftoff CDS     11008333        11009234        .       +
        2       Parent=Smp_144750.1
SM_V9_7 Liftoff CDS     11010952        11011226        .       +
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SM_V9_7 Liftoff CDS     11011992        11012283        .       +
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SM_V9_7 iris    mRNA    11016212        11019717        .       -
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ID=Smp_318320.1;Parent=Smp_318320;geneID=Smp_318320;gene_name=Smp_31
8320;owner=irisadmin@local.host;orig_id=Smp_318320.1;date_last_modif
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protein 1;date_creation=2022-08-15
SM_V9_7 iris    exon    11016212        11016558        .       -
        .       Parent=Smp_318320.1;Name=2f19a3cb-b7e7-4a17-b9c5-
f63ff464050d
SM_V9_7 iris    exon    11017911        11018028        .       -
        .       Parent=Smp_318320.1;Name=f80e4fe3-ec24-4b93-b077-
d8cf826fae57
SM_V9_7 iris    exon    11019176        11019354        .       -
        .       Parent=Smp_318320.1;Name=509e5484-a4ce-43c1-97ca-
cd26e102f24d
SM_V9_7 iris    exon    11019386        11019502        .       -
        .       Parent=Smp_318320.1;Name=c91513b1-c0c2-4537-8cda-
bdbe5c7628a6
SM_V9_7 iris    exon    11019545        11019717        .       -
        .
Parent=Smp_318320.1;Name=ee0f57b5-0a07-4feb-8fa6-07d8ad2d5952
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SM_V9_7 iris    CDS     11017942        11018028        .       -
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SM_V9_7 iris    CDS     11019176        11019354        .       -
        2       Parent=Smp_318320.1
SM_V9_7 iris    CDS     11019386        11019502        .       -
        2       Parent=Smp_318320.1
SM_V9_7 iris    CDS     11019545        11019593        .       -
        0       Parent=Smp_318320.1
SM_V9_7 Liftoff gene    11030670        11042861        .       -
        .       ID=Smp_041390;geneID=Smp_041390
SM_V9_7 Liftoff mRNA    11030670        11042861        .       -
        .
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n-conjugating enzyme E2
G2;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_7 Liftoff exon    11030670        11031197        .       -
        .       Parent=Smp_041390.1
SM_V9_7 Liftoff exon    11033745        11033885        .       -
        .       Parent=Smp_041390.1
SM_V9_7 Liftoff exon    11037251        11037369        .       -
        .       Parent=Smp_041390.1
SM_V9_7 Liftoff exon    11039916        11039997        .       -
        .       Parent=Smp_041390.1
SM_V9_7 Liftoff exon    11042695        11042861        .       -
        .       Parent=Smp_041390.1
SM_V9_7 Liftoff CDS     11031076        11031197        .       -
        2       Parent=Smp_041390.1
SM_V9_7 Liftoff CDS     11033745        11033885        .       -
        2       Parent=Smp_041390.1
SM_V9_7 Liftoff CDS     11037251        11037369        .       -
        1       Parent=Smp_041390.1
SM_V9_7 Liftoff CDS     11039916        11039997        .       -
        2       Parent=Smp_041390.1
SM_V9_7 Liftoff CDS     11042695        11042737        .       -
        0       Parent=Smp_041390.1
SM_V9_7 iris    gene    11048169        11119807        .       +
        .
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SM_V9_7 iris    mRNA    11048169        11119807        .       +
        .
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12;date_creation=2022-08-18
SM_V9_7 iris    exon    11048169        11048317        .       +
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Parent=Smp_144760.1;Name=2dff494f-85ba-45f0-80a0-7f8f60416bc5
SM_V9_7 iris    exon    11053150        11053374        .       +
        .
Parent=Smp_144760.1;Name=10905172-444b-4549-9b96-6a5fe5424f09
SM_V9_7 iris    exon    11057494        11057770        .       +
        .       Parent=Smp_144760.1;Name=b4011ca3-e4eb-4b16-b8fe-
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e849855438d1
SM_V9_7 iris    exon    11062482        11062823        .       +
        .       Parent=Smp_144760.1;Name=a9779c2a-ceb4-45e4-
a5e2-94301a9501ec
SM_V9_7 iris    exon    11066049        11066192        .       +
        .       Parent=Smp_144760.1;Name=758ec86d-2ea6-4080-
a2b1-0986a025a47e
SM_V9_7 iris    exon    11069227        11069432        .       +
        .       Parent=Smp_144760.1;Name=a46edab9-df26-4cf2-95c4-
c027be98fd4d
SM_V9_7 iris    exon    11069854        11070419        .       +
        .
Parent=Smp_144760.1;Name=09bcbd35-69db-4fd3-969b-7c7a58bb0f18
SM_V9_7 iris    exon    11071496        11071817        .       +
        .       Parent=Smp_144760.1;Name=2bfef010-
e87d-417f-9397-9261d3058d4e
SM_V9_7 iris    exon    11076612        11076800        .       +
        .       Parent=Smp_144760.1;Name=d24a4ba5-5e73-4dd7-bca3-
fe600fa73357
SM_V9_7 iris    exon    11087624        11087890        .       +
        .
Parent=Smp_144760.1;Name=4703b2ff-3840-43c1-947e-43ff463e9a16
SM_V9_7 iris    exon    11088950        11089336        .       +
        .       Parent=Smp_144760.1;Name=b825b08c-b147-4e96-
baaa-409e003fbea0
SM_V9_7 iris    exon    11097833        11097991        .       +
        .       Parent=Smp_144760.1;Name=33aa727e-290b-4c9d-
b600-24162f306fac
SM_V9_7 iris    exon    11099207        11099708        .       +
        .       Parent=Smp_144760.1;Name=0e683428-
bd74-4814-92bf-72067c95f59f
SM_V9_7 iris    exon    11102314        11102436        .       +
        .       Parent=Smp_144760.1;Name=ac7b08ba-6c8c-494d-
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SM_V9_7 iris    exon    11103860        11103877        .       +
        .       Parent=Smp_144760.1;Name=557fdd03-a15f-4ece-b6ef-
e9cfaed45201
SM_V9_7 iris    exon    11108417        11108566        .       +
        .       Parent=Smp_144760.1;Name=b1bbaa29-e728-4ff7-
bfa0-368a06b57883
SM_V9_7 iris    exon    11109861        11109986        .       +
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a96d04e63fba
SM_V9_7 iris    exon    11115688        11116508        .       +
        .       Parent=Smp_144760.1;Name=8fb19da7-2683-4b68-ad54-
f8ba6efc0685
SM_V9_7 iris    exon    11117871        11119807        .       +
        .       Parent=Smp_144760.1;Name=fc7c770b-e220-4b77-
b8b6-1753c99be6d0
SM_V9_7 iris    CDS     11053225        11053374        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11057494        11057770        .       +
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SM_V9_7 iris    CDS     11062482        11062823        .       +
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SM_V9_7 iris    CDS     11069227        11069432        .       +
        2       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11069854        11070419        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11071496        11071817        .       +
        1       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11076612        11076800        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11087624        11087890        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11088950        11089336        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11097833        11097991        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11099207        11099708        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11102314        11102436        .       +
        2       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11103860        11103877        .       +
        2       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11108417        11108566        .       +
        2       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11109861        11109986        .       +
        2       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11115688        11116508        .       +
        2       Parent=Smp_144760.1
SM_V9_7 iris    CDS     11117871        11118497        .       +
        0       Parent=Smp_144760.1
SM_V9_7 iris    gene    11160415        11162595        .       -
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SM_V9_7 iris    mRNA    11160415        11162595        .       -
        .
ID=Smp_041430.1;Parent=Smp_041430;geneID=Smp_041430;gene_name=Smp_04
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ied=2022-07-16;Name=Smp_041430.1;product=14-3-3 protein beta/alpha-
B;date_creation=2022-07-16
SM_V9_7 iris    exon    11160415        11160877        .       -
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c646936697d4
SM_V9_7 iris    exon    11160914        11161297        .       -
        .       Parent=Smp_041430.1;Name=31005ebe-2474-47f5-
b686-874ae04eb208
SM_V9_7 iris    exon    11161338        11161694        .       -
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Parent=Smp_041430.1;Name=aef513bb-439f-4a70-9403-155efef2906c
SM_V9_7 iris    exon    11162536        11162595        .       -
        .       Parent=Smp_041430.1;Name=665ead6d-30d9-4e89-b441-
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SM_V9_7 iris    CDS     11160845        11160877        .       -
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SM_V9_7 iris    CDS     11161338        11161661        .       -
        0       Parent=Smp_041430.1
SM_V9_7 Liftoff gene    11174239        11191391        .       +
        .       ID=Smp_041450;geneID=Smp_041450
SM_V9_7 Liftoff mRNA    11174239        11191391        .       +
        .
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cytoplasmic;polypeptide_domain=InterPro:IPR002312,IPR004364,IPR00436
5,IPR004522,IPR006195,IPR012340
Pfam:PF00152,PF01336;Ontology_term=GO:0000166,GO:0003676,GO:0004812,
GO:0004816,GO:0005524,GO:0005737,GO:0006418,GO:0006421
SM_V9_7 Liftoff exon    11174239        11176295        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11182335        11182565        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11183145        11183375        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11184325        11184402        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11185076        11185249        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11187001        11187159        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11188278        11188523        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11189745        11189876        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff exon    11190901        11191391        .       +
        .       Parent=Smp_041450.1
SM_V9_7 Liftoff CDS     11176047        11176295        .       +
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SM_V9_7 Liftoff CDS     11182335        11182565        .       +
        0       Parent=Smp_041450.1
SM_V9_7 Liftoff CDS     11183145        11183375        .       +
        0       Parent=Smp_041450.1
SM_V9_7 Liftoff CDS     11184325        11184402        .       +
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SM_V9_7 Liftoff CDS     11185076        11185249        .       +
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SM_V9_7 Liftoff CDS     11187001        11187159        .       +
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SM_V9_7 Liftoff CDS     11188278        11188523        .       +
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SM_V9_7 Liftoff CDS     11189745        11189876        .       +
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SM_V9_7 Liftoff CDS     11190901        11191032        .       +
        0       Parent=Smp_041450.1
SM_V9_7 Liftoff gene    11206829        11223471        .       -
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SM_V9_7 Liftoff mRNA    11206829        11223471        .       -
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SM_V9_7 Liftoff exon    11206829        11207509        .       -
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SM_V9_7 Liftoff exon    11209920        11210107        .       -
        .       Parent=Smp_041460.1
SM_V9_7 Liftoff exon    11211296        11211380        .       -
        .       Parent=Smp_041460.1
SM_V9_7 Liftoff exon    11212533        11212637        .       -
        .       Parent=Smp_041460.1
SM_V9_7 Liftoff exon    11216837        11216911        .       -
        .       Parent=Smp_041460.1
SM_V9_7 Liftoff exon    11218462        11218565        .       -
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SM_V9_7 Liftoff exon    11221703        11221865        .       -
        .       Parent=Smp_041460.1
SM_V9_7 Liftoff exon    11223229        11223471        .       -
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SM_V9_7 Liftoff CDS     11207465        11207509        .       -
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SM_V9_7 Liftoff CDS     11209920        11210107        .       -
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SM_V9_7 Liftoff CDS     11211296        11211380        .       -
        0       Parent=Smp_041460.1
SM_V9_7 Liftoff CDS     11212533        11212637        .       -
        0       Parent=Smp_041460.1
SM_V9_7 Liftoff CDS     11216837        11216911        .       -
        0       Parent=Smp_041460.1
SM_V9_7 Liftoff CDS     11218462        11218565        .       -
        2       Parent=Smp_041460.1
SM_V9_7 Liftoff CDS     11221703        11221865        .       -
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SM_V9_7 Liftoff CDS     11223229        11223282        .       -
        0       Parent=Smp_041460.1
SM_V9_7 Liftoff gene    11262349        11308665        .       +
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SM_V9_7 Liftoff mRNA    11262349        11308665        .       +
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Pfam:PF03547;Ontology_term=GO:0016021,GO:0055085
SM_V9_7 Liftoff exon    11262349        11263667        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11266416        11266608        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11270275        11270510        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11273159        11273276        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11274078        11274192        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11276193        11276358        .       +
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        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11280349        11280508        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11282108        11282288        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11290666        11290759        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11293595        11293714        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11295686        11295936        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11299288        11299474        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11302050        11302210        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11305754        11305918        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff exon    11307789        11308665        .       +
        .       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11263443        11263667        .       +
        0       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11266416        11266608        .       +
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SM_V9_7 Liftoff CDS     11270275        11270510        .       +
        2       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11273159        11273276        .       +
        0       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11274078        11274192        .       +
        2       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11276193        11276358        .       +
        1       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11278979        11279134        .       +
        0       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11280349        11280508        .       +
        0       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11282108        11282288        .       +
        2       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11290666        11290759        .       +
        1       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11293595        11293714        .       +
        0       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11295686        11295936        .       +
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SM_V9_7 Liftoff CDS     11299288        11299474        .       +
        1       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11302050        11302210        .       +
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SM_V9_7 Liftoff CDS     11305754        11305918        .       +
        1       Parent=Smp_144770.1
SM_V9_7 Liftoff CDS     11307789        11308047        .       +
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SM_V9_7 iris    gene    11314375        11329106        .       -
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1480;owner=irisadmin@local.host;orig_id=Smp_041480.1;date_last_modif
ied=2022-07-16;Name=Smp_041480.1;product=Myelin expression factor
2;date_creation=2022-07-16
SM_V9_7 iris    exon    11314375        11314809        .       -
        .       Parent=Smp_041480.1;Name=ca679f83-7378-4b07-
b1bc-9db3c463ffac
SM_V9_7 iris    exon    11317412        11317476        .       -
        .       Parent=Smp_041480.1;Name=fad45e31-2b4d-4c80-
a391-89ca7a762b28
SM_V9_7 iris    exon    11320454        11320607        .       -
        .       Parent=Smp_041480.1;Name=6e850f0a-69fa-4249-98ab-
ac44e03bd2da
SM_V9_7 iris    exon    11321198        11321394        .       -
        .       Parent=Smp_041480.1;Name=60fa4602-3985-4917-
af7a-96945923ca5b
SM_V9_7 iris    exon    11322381        11322525        .       -
        .       Parent=Smp_041480.1;Name=bfc506ea-3dba-4b6c-
b63d-3c671a7900b7
SM_V9_7 iris    exon    11324527        11324660        .       -
        .       Parent=Smp_041480.1;Name=0409bb31-90d3-44ae-95b4-
b04b0acc759b
SM_V9_7 iris    exon    11325441        11325816        .       -
        .
Parent=Smp_041480.1;Name=df1f4fb0-72e4-4c09-9ca7-45d7155b3e61
SM_V9_7 iris    exon    11328183        11328353        .       -
        .       Parent=Smp_041480.1;Name=1a998b29-
ddd2-42e8-8438-89ab29e271ea
SM_V9_7 iris    exon    11328393        11328666        .       -
        .       Parent=Smp_041480.1;Name=35c91dbc-
b8a9-459d-8766-725e807787b1
SM_V9_7 iris    exon    11328711        11328768        .       -
        .       Parent=Smp_041480.1;Name=a752d892-5c9f-47a5-
bd10-7b46920737b5
SM_V9_7 iris    exon    11328801        11328964        .       -
        .
Parent=Smp_041480.1;Name=2edcd346-140c-4b09-90a3-5e4400b1490f
SM_V9_7 iris    exon    11328998        11329106        .       -
        .       Parent=Smp_041480.1;Name=2fcdb6b9-11ce-4bb6-
be0d-01294ddc4aac
SM_V9_7 iris    CDS     11317421        11317476        .       -
        2       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11320454        11320607        .       -
        0       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11321198        11321394        .       -
        2       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11322381        11322525        .       -
        0       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11324527        11324660        .       -
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        2       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11325441        11325816        .       -
        0       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11328183        11328353        .       -
        0       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11328393        11328666        .       -
        1       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11328711        11328768        .       -
        2       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11328801        11328964        .       -
        1       Parent=Smp_041480.1
SM_V9_7 iris    CDS     11328998        11329020        .       -
        0       Parent=Smp_041480.1
SM_V9_7 Liftoff gene    11358132        11366209        .       +
        .       ID=Smp_041490;geneID=Smp_041490
SM_V9_7 Liftoff mRNA    11358132        11366209        .       +
        .
ID=Smp_041490.1;Parent=Smp_041490;geneID=Smp_041490;product=Nucleic
acid dioxygenase
ALKBH1;polypeptide_domain=InterPro:IPR005123,IPR027450
Pfam:PF13532;Ontology_term=GO:0016491,GO:0055114
SM_V9_7 Liftoff exon    11358132        11359900        .       +
        .       Parent=Smp_041490.1
SM_V9_7 Liftoff exon    11359934        11360000        .       +
        .       Parent=Smp_041490.1
SM_V9_7 Liftoff exon    11360038        11360166        .       +
        .       Parent=Smp_041490.1
SM_V9_7 Liftoff exon    11360205        11360281        .       +
        .       Parent=Smp_041490.1
SM_V9_7 Liftoff exon    11363952        11364202        .       +
        .       Parent=Smp_041490.1
SM_V9_7 Liftoff exon    11365756        11366209        .       +
        .       Parent=Smp_041490.1
SM_V9_7 Liftoff CDS     11359778        11359900        .       +
        0       Parent=Smp_041490.1
SM_V9_7 Liftoff CDS     11359934        11360000        .       +
        0       Parent=Smp_041490.1
SM_V9_7 Liftoff CDS     11360038        11360166        .       +
        2       Parent=Smp_041490.1
SM_V9_7 Liftoff CDS     11360205        11360281        .       +
        2       Parent=Smp_041490.1
SM_V9_7 Liftoff CDS     11363952        11364202        .       +
        0       Parent=Smp_041490.1
SM_V9_7 Liftoff CDS     11365756        11366113        .       +
        1       Parent=Smp_041490.1
SM_V9_7 Liftoff gene    11366711        11370148        .       -
        .       ID=Smp_041500;geneID=Smp_041500
SM_V9_7 Liftoff mRNA    11366711        11370148        .       -
        .
ID=Smp_041500.1;Parent=Smp_041500;geneID=Smp_041500;product=Ragulato
r complex protein LAMTOR3;polypeptide_domain=InterPro:IPR015019
Pfam:PF08923;Ontology_term=GO:0032006
SM_V9_7 Liftoff exon    11366711        11367233        .       -
        .       Parent=Smp_041500.1
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SM_V9_7 Liftoff exon    11368947        11369025        .       -
        .       Parent=Smp_041500.1
SM_V9_7 Liftoff exon    11369651        11369784        .       -
        .       Parent=Smp_041500.1
SM_V9_7 Liftoff exon    11369820        11369878        .       -
        .       Parent=Smp_041500.1
SM_V9_7 Liftoff exon    11369912        11369946        .       -
        .       Parent=Smp_041500.1
SM_V9_7 Liftoff exon    11369983        11370148        .       -
        .       Parent=Smp_041500.1
SM_V9_7 Liftoff CDS     11367106        11367233        .       -
        2       Parent=Smp_041500.1
SM_V9_7 Liftoff CDS     11368947        11369025        .       -
        0       Parent=Smp_041500.1
SM_V9_7 Liftoff CDS     11369651        11369784        .       -
        2       Parent=Smp_041500.1
SM_V9_7 Liftoff CDS     11369820        11369878        .       -
        1       Parent=Smp_041500.1
SM_V9_7 Liftoff CDS     11369912        11369946        .       -
        0       Parent=Smp_041500.1
SM_V9_7 Liftoff CDS     11369983        11369991        .       -
        0       Parent=Smp_041500.1
SM_V9_7 Liftoff mRNA    11366711        11370148        .       -
        .
ID=Smp_041500.2;Parent=Smp_041500;geneID=Smp_041500;product=Ragulato
r complex protein LAMTOR3
homolog;polypeptide_domain=InterPro:IPR015019
Pfam:PF08923;Ontology_term=GO:0032006
SM_V9_7 Liftoff exon    11366711        11367233        .       -
        .       Parent=Smp_041500.2
SM_V9_7 Liftoff exon    11368947        11369025        .       -
        .       Parent=Smp_041500.2
SM_V9_7 Liftoff exon    11369983        11370148        .       -
        .       Parent=Smp_041500.2
SM_V9_7 Liftoff CDS     11367106        11367233        .       -
        2       Parent=Smp_041500.2
SM_V9_7 Liftoff CDS     11368947        11369025        .       -
        0       Parent=Smp_041500.2
SM_V9_7 Liftoff CDS     11369983        11369991        .       -
        0       Parent=Smp_041500.2
SM_V9_7 Liftoff gene    11375582        11418992        .       +
        .
ID=Smp_332330;geneID=Smp_332330;previous_systematic_id=Smp_041520,Sm
p_144780
SM_V9_7 Liftoff mRNA    11375582        11418992        .       +
        .
ID=Smp_332330.1;Parent=Smp_332330;geneID=Smp_332330;product=Hypothet
ical protein
SM_V9_7 Liftoff exon    11375582        11376989        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11377031        11377085        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11381328        11381599        .       +
        .       Parent=Smp_332330.1
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SM_V9_7 Liftoff exon    11386943        11387015        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11389479        11389902        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11392278        11392579        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11395957        11396080        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11409026        11409169        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11410605        11410657        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11411989        11412151        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11413617        11414030        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11415978        11416057        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff exon    11417320        11418992        .       +
        .       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11376895        11376989        .       +
        0       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11377031        11377085        .       +
        1       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11381328        11381599        .       +
        0       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11386943        11387015        .       +
        1       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11389479        11389902        .       +
        0       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11392278        11392579        .       +
        2       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11395957        11396080        .       +
        0       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11409026        11409169        .       +
        2       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11410605        11410657        .       +
        2       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11411989        11412151        .       +
        0       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11413617        11414030        .       +
        2       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11415978        11416057        .       +
        2       Parent=Smp_332330.1
SM_V9_7 Liftoff CDS     11417320        11417733        .       +
        0       Parent=Smp_332330.1
SM_V9_7 Liftoff gene    11430762        11451926        .       +
        .
ID=Smp_343710;geneID=Smp_343710;previous_systematic_id=Smp_144790
SM_V9_7 Liftoff mRNA    11430762        11451926        .       +
        .
ID=Smp_343710.1;Parent=Smp_343710;geneID=Smp_343710;product=Calmodul
in;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
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SM_V9_7 Liftoff exon    11430762        11430985        .       +
        .       Parent=Smp_343710.1
SM_V9_7 Liftoff exon    11440199        11440232        .       +
        .       Parent=Smp_343710.1
SM_V9_7 Liftoff exon    11443335        11443478        .       +
        .       Parent=Smp_343710.1
SM_V9_7 Liftoff exon    11444895        11445001        .       +
        .       Parent=Smp_343710.1
SM_V9_7 Liftoff exon    11448508        11448577        .       +
        .       Parent=Smp_343710.1
SM_V9_7 Liftoff exon    11450556        11450621        .       +
        .       Parent=Smp_343710.1
SM_V9_7 Liftoff exon    11451757        11451926        .       +
        .       Parent=Smp_343710.1
SM_V9_7 Liftoff CDS     11430923        11430985        .       +
        0       Parent=Smp_343710.1
SM_V9_7 Liftoff CDS     11440199        11440232        .       +
        0       Parent=Smp_343710.1
SM_V9_7 Liftoff CDS     11443335        11443478        .       +
        2       Parent=Smp_343710.1
SM_V9_7 Liftoff CDS     11444895        11445001        .       +
        2       Parent=Smp_343710.1
SM_V9_7 Liftoff CDS     11448508        11448577        .       +
        0       Parent=Smp_343710.1
SM_V9_7 Liftoff CDS     11450556        11450621        .       +
        2       Parent=Smp_343710.1
SM_V9_7 Liftoff CDS     11451757        11451794        .       +
        2       Parent=Smp_343710.1
SM_V9_7 iris    gene    11458438        11466616        .       +
        .
ID=Smp_347310;geneID=Smp_347310;gene_name=Smp_347310;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_7 iris    mRNA    11458438        11466616        .       +
        .
ID=Smp_347310.1;Parent=Smp_347310;geneID=Smp_347310;gene_name=Smp_34
7310;owner=irisadmin@local.host;orig_id=Smp_347310.1;date_last_modif
ied=2022-08-29;Name=Smp_347310.1;product=ORM1-like protein
1;date_creation=2022-08-29
SM_V9_7 iris    exon    11458438        11458676        .       +
        .       Parent=Smp_347310.1;Name=fab44d40-
fbca-49be-8ace-9e6406bcdcdc
SM_V9_7 iris    exon    11459931        11460082        .       +
        .
Parent=Smp_347310.1;Name=195ccba7-8c0d-4b0d-9336-49e156bccb62
SM_V9_7 iris    exon    11465958        11466616        .       +
        .
Parent=Smp_347310.1;Name=a2362baa-6e77-4371-87c8-4ae151266303
SM_V9_7 iris    CDS     11458503        11458676        .       +
        0       Parent=Smp_347310.1
SM_V9_7 iris    CDS     11459931        11460082        .       +
        0       Parent=Smp_347310.1
SM_V9_7 iris    CDS     11465958        11466096        .       +
        1       Parent=Smp_347310.1
SM_V9_7 Liftoff gene    11488532        11504982        .       +
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ID=Smp_210370;geneID=Smp_210370;previous_systematic_id=Smp_144800
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        .
ID=Smp_210370.1;Parent=Smp_210370;geneID=Smp_210370;product=Dolichyl
-diphosphooligosaccharide--protein glycosyltransferase subunit
2;polypeptide_domain=InterPro:IPR008814
Pfam:PF05817;Ontology_term=GO:0006487,GO:0008250,GO:0016021
SM_V9_7 Liftoff exon    11488532        11488915        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11490092        11490200        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11490242        11490305        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11490993        11491116        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11492883        11492972        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11493943        11494056        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11496231        11496481        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11498574        11498706        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11499497        11499588        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11500485        11500719        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11500965        11501069        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11501205        11501474        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11502886        11502961        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff exon    11504065        11504982        .       +
        .       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11488592        11488915        .       +
        0       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11490092        11490200        .       +
        0       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11490242        11490305        .       +
        2       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11490993        11491116        .       +
        1       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11492883        11492972        .       +
        0       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11493943        11494056        .       +
        0       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11496231        11496481        .       +
        0       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11498574        11498706        .       +
        1       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11499497        11499588        .       +
        0       Parent=Smp_210370.1
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SM_V9_7 Liftoff CDS     11500485        11500719        .       +
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SM_V9_7 Liftoff CDS     11500965        11501069        .       +
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SM_V9_7 Liftoff CDS     11501205        11501474        .       +
        0       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11502886        11502961        .       +
        0       Parent=Smp_210370.1
SM_V9_7 Liftoff CDS     11504065        11504243        .       +
        2       Parent=Smp_210370.1
SM_V9_7 Liftoff gene    11513554        11517385        .       -
        .       ID=Smp_041540;geneID=Smp_041540
SM_V9_7 Liftoff mRNA    11513554        11517385        .       -
        .
ID=Smp_041540.1;Parent=Smp_041540;geneID=Smp_041540;product=eledh;ev
idence=Traceable Author Statement;literature=PMID:29988015
SM_V9_7 Liftoff exon    11513554        11514012        .       -
        .       Parent=Smp_041540.1
SM_V9_7 Liftoff exon    11516614        11517385        .       -
        .       Parent=Smp_041540.1
SM_V9_7 Liftoff CDS     11513903        11514012        .       -
        2       Parent=Smp_041540.1
SM_V9_7 Liftoff CDS     11516614        11517196        .       -
        0       Parent=Smp_041540.1
SM_V9_7 Liftoff gene    11521352        11533078        .       +
        .       ID=Smp_041550;geneID=Smp_041550
SM_V9_7 Liftoff mRNA    11521352        11533078        .       +
        .
ID=Smp_041550.1;Parent=Smp_041550;geneID=Smp_041550;product=Serine/
threonine-protein phosphatase 6 regulatory subunit 1
SM_V9_7 Liftoff exon    11521352        11521911        .       +
        .       Parent=Smp_041550.1
SM_V9_7 Liftoff exon    11532440        11533078        .       +
        .       Parent=Smp_041550.1
SM_V9_7 Liftoff CDS     11521723        11521911        .       +
        0       Parent=Smp_041550.1
SM_V9_7 Liftoff CDS     11532440        11532691        .       +
        0       Parent=Smp_041550.1
SM_V9_7 iris    gene    11543011        11603991        .       -
        .
ID=Smp_343720;geneID=Smp_343720;gene_name=Smp_343720;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    11543011        11603991        .       -
        .
ID=Smp_343720.1;Parent=Smp_343720;geneID=Smp_343720;gene_name=Smp_34
3720;owner=irisadmin@local.host;orig_id=Smp_343720.2;date_last_modif
ied=2022-07-16;Name=Smp_343720.1;product=Tyrosine-protein
phosphatase non-receptor type 9;date_creation=2022-07-16
SM_V9_7 iris    exon    11543011        11545163        .       -
        .
Parent=Smp_343720.1;Name=a339858e-065e-4fdc-9985-99d4df4512a0
SM_V9_7 iris    exon    11546927        11547230        .       -
        .       Parent=Smp_343720.1;Name=9be686cf-c175-4864-
bbea-41c488f6e8bc
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SM_V9_7 iris    exon    11553595        11553922        .       -
        .       Parent=Smp_343720.1;Name=f8b2e175-0e2a-430d-
b411-1d7f16ef8fa0
SM_V9_7 iris    exon    11556733        11556811        .       -
        .       Parent=Smp_343720.1;Name=76a623bb-2b1e-42ad-ba1a-
ec6e8ad8979c
SM_V9_7 iris    exon    11568231        11568368        .       -
        .
Parent=Smp_343720.1;Name=6907b036-88db-42af-9fd3-06eb5b714982
SM_V9_7 iris    exon    11570526        11570569        .       -
        .       Parent=Smp_343720.1;Name=ae1e563b-261b-4bd6-a02c-
b210482aea18
SM_V9_7 iris    exon    11571683        11572671        .       -
        .       Parent=Smp_343720.1;Name=c1cad132-8637-4f9f-
b64f-594c10b4b0a1
SM_V9_7 iris    exon    11583042        11583152        .       -
        .
Parent=Smp_343720.1;Name=ee5c9e79-9ba5-4aac-8d99-34b98bfde6da
SM_V9_7 iris    exon    11585116        11585221        .       -
        .
Parent=Smp_343720.1;Name=bf36f491-428b-44b0-9a83-302c7a683fb0
SM_V9_7 iris    exon    11595057        11595187        .       -
        .       Parent=Smp_343720.1;Name=22df7add-4653-43a4-
a637-144acd67f4a3
SM_V9_7 iris    exon    11599277        11599366        .       -
        .       Parent=Smp_343720.1;Name=2823878d-87dd-46a0-b744-
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SM_V9_7 iris    exon    11603643        11603789        .       -
        .       Parent=Smp_343720.1;Name=38bc5e02-27f6-45fd-
aa18-2b90db3f4493
SM_V9_7 iris    exon    11603827        11603991        .       -
        .       Parent=Smp_343720.1;Name=b807c3a2-d29a-4b01-9196-
ed91f7904da8
SM_V9_7 iris    CDS     11544928        11545163        .       -
        2       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11546927        11547230        .       -
        0       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11553595        11553922        .       -
        1       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11556733        11556811        .       -
        2       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11568231        11568368        .       -
        2       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11570526        11570569        .       -
        1       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11571683        11572671        .       -
        0       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11583042        11583152        .       -
        0       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11585116        11585221        .       -
        1       Parent=Smp_343720.1
SM_V9_7 iris    CDS     11595057        11595187        .       -
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SM_V9_7 iris    CDS     11599277        11599366        .       -
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SM_V9_7 iris    CDS     11603827        11603943        .       -
        0       Parent=Smp_343720.1
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SM_V9_7 Liftoff mRNA    11622156        11623608        .       -
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SM_V9_7 Liftoff exon    11622156        11622638        .       -
        .       Parent=Smp_041570.1
SM_V9_7 Liftoff exon    11622683        11623608        .       -
        .       Parent=Smp_041570.1
SM_V9_7 Liftoff CDS     11622301        11622638        .       -
        2       Parent=Smp_041570.1
SM_V9_7 Liftoff CDS     11622683        11623577        .       -
        0       Parent=Smp_041570.1
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ID=Smp_144820;geneID=Smp_144820;gene_name=Smp_144820;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    11660396        11714678        .       -
        .
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4820;owner=irisadmin@local.host;orig_id=Smp_144820.2;date_last_modif
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protein;date_creation=2022-07-16
SM_V9_7 iris    exon    11660396        11661627        .       -
        .       Parent=Smp_144820.1;Name=9a273f4d-d915-403f-95dd-
f6762a4f1672
SM_V9_7 iris    exon    11662645        11662763        .       -
        .       Parent=Smp_144820.1;Name=91c21897-
cf77-4c35-9944-659bc3765f2e
SM_V9_7 iris    exon    11663852        11664004        .       -
        .
Parent=Smp_144820.1;Name=8bd65a30-2cfb-4011-9979-352f8e4c14cb
SM_V9_7 iris    exon    11666295        11667120        .       -
        .       Parent=Smp_144820.1;Name=06201368-e8a9-4f7d-a185-
ecf636947a90
SM_V9_7 iris    exon    11672705        11673089        .       -
        .       Parent=Smp_144820.1;Name=a62dbf29-9cb3-4117-
bbcb-0fc7a58bfc70
SM_V9_7 iris    exon    11674115        11674255        .       -
        .       Parent=Smp_144820.1;Name=1c33c270-60d4-4211-9e13-
c3aec53833ae
SM_V9_7 iris    exon    11680713        11680978        .       -
        .       Parent=Smp_144820.1;Name=3dec140a-d971-41db-
b9a6-7874508903da
SM_V9_7 iris    exon    11682187        11682239        .       -
        .       Parent=Smp_144820.1;Name=3e871cee-27c1-45ef-a575-
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SM_V9_7 iris    exon    11683516        11683918        .       -
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aa28-27a455de46cf
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        .       Parent=Smp_144820.1;Name=2a6c3678-6c2e-430a-
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SM_V9_7 iris    exon    11688510        11689027        .       -
        .       Parent=Smp_144820.1;Name=0373b469-31df-48c8-
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SM_V9_7 iris    exon    11691282        11691735        .       -
        .
Parent=Smp_144820.1;Name=bf2ee0b1-5b3c-467e-9b6f-59b5d8324e58
SM_V9_7 iris    exon    11693653        11694056        .       -
        .       Parent=Smp_144820.1;Name=8540e138-6703-4dde-
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SM_V9_7 iris    exon    11696557        11697188        .       -
        .       Parent=Smp_144820.1;Name=9731cc48-27a0-44fa-8f17-
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SM_V9_7 iris    exon    11699818        11699932        .       -
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SM_V9_7 iris    exon    11702226        11702772        .       -
        .       Parent=Smp_144820.1;Name=571ed2b6-492e-42da-
a8a6-252ab8fed0f9
SM_V9_7 iris    exon    11706385        11706462        .       -
        .       Parent=Smp_144820.1;Name=b0fc7934-fc01-4059-
bf55-5611779717ac
SM_V9_7 iris    exon    11707721        11708158        .       -
        .
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SM_V9_7 iris    exon    11710191        11710763        .       -
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SM_V9_7 iris    exon    11712639        11712935        .       -
        .       Parent=Smp_144820.1;Name=f1850825-6dcf-40e9-
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SM_V9_7 iris    exon    11714474        11714678        .       -
        .       Parent=Smp_144820.1;Name=7db4568a-
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SM_V9_7 iris    CDS     11661200        11661627        .       -
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SM_V9_7 iris    CDS     11662645        11662763        .       -
        1       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11663852        11664004        .       -
        1       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11666295        11667120        .       -
        2       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11672705        11673089        .       -
        0       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11674115        11674255        .       -
        0       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11680713        11680978        .       -
        2       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11682187        11682239        .       -
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SM_V9_7 iris    CDS     11684691        11685165        .       -
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SM_V9_7 iris    CDS     11688510        11689027        .       -
        2       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11691282        11691735        .       -
        0       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11693653        11694056        .       -
        2       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11696557        11697188        .       -
        1       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11699818        11699932        .       -
        2       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11702226        11702772        .       -
        0       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11706385        11706462        .       -
        0       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11707721        11708158        .       -
        0       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11710191        11710763        .       -
        0       Parent=Smp_144820.1
SM_V9_7 iris    CDS     11712639        11712935        .       -
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SM_V9_7 iris    CDS     11714474        11714608        .       -
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SM_V9_7 iris    mRNA    11757875        11795453        .       -
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ID=Smp_041600.1;Parent=Smp_041600;geneID=Smp_041600;gene_name=Smp_04
1600;owner=irisadmin@local.host;orig_id=Smp_041600.1;date_last_modif
ied=2022-08-18;Name=Smp_041600.1;product=Isoleucine--tRNA ligase,
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SM_V9_7 iris    exon    11757875        11758189        .       -
        .
Parent=Smp_041600.1;Name=06597f3b-630e-4b19-8296-22ea761a6eac
SM_V9_7 iris    exon    11761234        11761458        .       -
        .
Parent=Smp_041600.1;Name=711e3e60-344d-42c8-9bcd-724cf3b86dd5
SM_V9_7 iris    exon    11768112        11768351        .       -
        .       Parent=Smp_041600.1;Name=27976ec2-8a1c-4703-
ac3f-59cbcd81ac06
SM_V9_7 iris    exon    11770718        11771032        .       -
        .       Parent=Smp_041600.1;Name=8522c915-
fa5d-49d1-80a1-5fc02c2af3ec
SM_V9_7 iris    exon    11772626        11772796        .       -
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b759a7fe9f5e
SM_V9_7 iris    exon    11774832        11775100        .       -
        .       Parent=Smp_041600.1;Name=1c64d64d-
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SM_V9_7 iris    exon    11776206        11776368        .       -
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Parent=Smp_041600.1;Name=e445367d-1475-4a68-8a5c-07d2fa438eb8
SM_V9_7 iris    exon    11777704        11777795        .       -
        .       Parent=Smp_041600.1;Name=c83a33f3-54f0-48d6-
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SM_V9_7 iris    exon    11779417        11779561        .       -
        .       Parent=Smp_041600.1;Name=52922ccf-a083-4460-
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SM_V9_7 iris    exon    11781175        11781382        .       -
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SM_V9_7 iris    exon    11783148        11783323        .       -
        .       Parent=Smp_041600.1;Name=24f525eb-7f0c-43fb-
a95b-95c2a24bdd88
SM_V9_7 iris    exon    11784785        11784890        .       -
        .       Parent=Smp_041600.1;Name=7cec8912-93bb-4609-
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SM_V9_7 iris    exon    11785035        11785235        .       -
        .       Parent=Smp_041600.1;Name=e4e9aef9-432b-40a4-b814-
c658289a713f
SM_V9_7 iris    exon    11786140        11786238        .       -
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SM_V9_7 iris    exon    11789149        11789363        .       -
        .       Parent=Smp_041600.1;Name=38391812-e946-45d8-8ec7-
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SM_V9_7 iris    exon    11791142        11791240        .       -
        .       Parent=Smp_041600.1;Name=6aff5e48-e697-4e29-a97c-
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SM_V9_7 iris    exon    11792182        11792242        .       -
        .       Parent=Smp_041600.1;Name=b1afa214-9aef-4819-9ff6-
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SM_V9_7 iris    exon    11793831        11793918        .       -
        .       Parent=Smp_041600.1;Name=826817d5-c463-4c1d-
bb75-2dfa95e56cd6
SM_V9_7 iris    exon    11794435        11794563        .       -
        .
Parent=Smp_041600.1;Name=9d4fbb55-38a7-4fc3-87f3-0314940f50b0
SM_V9_7 iris    exon    11794598        11794817        .       -
        .       Parent=Smp_041600.1;Name=d22b6c96-
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SM_V9_7 iris    exon    11794849        11794968        .       -
        .       Parent=Smp_041600.1;Name=85d059fd-
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SM_V9_7 iris    exon    11795000        11795156        .       -
        .       Parent=Smp_041600.1;Name=96acaaab-69d1-4ad1-8cd0-
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SM_V9_7 iris    exon    11795238        11795453        .       -
        .       Parent=Smp_041600.1;Name=9d594e19-
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SM_V9_7 iris    CDS     11758037        11758189        .       -
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SM_V9_7 iris    CDS     11761234        11761458        .       -
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        0       Parent=Smp_041600.1
SM_V9_7 iris    CDS     11772626        11772796        .       -
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SM_V9_7 iris    CDS     11774832        11775100        .       -
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SM_V9_7 iris    CDS     11776206        11776368        .       -
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SM_V9_7 iris    CDS     11777704        11777795        .       -
        2       Parent=Smp_041600.1
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        0       Parent=Smp_041600.1
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        1       Parent=Smp_041600.1
SM_V9_7 iris    CDS     11783148        11783323        .       -
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        1       Parent=Smp_041600.1
SM_V9_7 iris    CDS     11785035        11785235        .       -
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SM_V9_7 iris    CDS     11786140        11786238        .       -
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SM_V9_7 iris    CDS     11789149        11789363        .       -
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SM_V9_7 iris    CDS     11792182        11792242        .       -
        1       Parent=Smp_041600.1
SM_V9_7 iris    CDS     11793831        11793918        .       -
        2       Parent=Smp_041600.1
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        2       Parent=Smp_041600.1
SM_V9_7 iris    CDS     11794598        11794817        .       -
        0       Parent=Smp_041600.1
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        0       Parent=Smp_041600.1
SM_V9_7 iris    CDS     11795000        11795156        .       -
        1       Parent=Smp_041600.1
SM_V9_7 iris    CDS     11795238        11795389        .       -
        0       Parent=Smp_041600.1
SM_V9_7 Liftoff gene    11803054        11843908        .       +
        .       ID=Smp_144840;geneID=Smp_144840
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        .
ID=Smp_144840.1;Parent=Smp_144840;geneID=Smp_144840;product=Endoplas
mic reticulum resident protein
44;polypeptide_domain=InterPro:IPR012336,IPR013766
Pfam:PF00085,PF13848;Ontology_term=GO:0045454
SM_V9_7 Liftoff exon    11803054        11803133        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11805945        11806011        .       +
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SM_V9_7 Liftoff exon    11806220        11806262        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11807225        11807415        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11809941        11810074        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11822164        11822206        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11836230        11836458        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11839533        11839680        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11841454        11841583        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff exon    11842699        11843908        .       +
        .       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11803092        11803133        .       +
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SM_V9_7 Liftoff CDS     11805945        11806011        .       +
        0       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11806063        11806172        .       +
        2       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11806220        11806262        .       +
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SM_V9_7 Liftoff CDS     11807225        11807415        .       +
        2       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11809941        11810074        .       +
        0       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11822164        11822206        .       +
        1       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11836230        11836458        .       +
        0       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11839533        11839680        .       +
        2       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11841454        11841583        .       +
        1       Parent=Smp_144840.1
SM_V9_7 Liftoff CDS     11842699        11842776        .       +
        0       Parent=Smp_144840.1
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        .       ID=Smp_041630;geneID=Smp_041630
SM_V9_7 Liftoff mRNA    11870325        11896220        .       -
        .
ID=Smp_041630.1;Parent=Smp_041630;geneID=Smp_041630;product=Hypothet
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protein;polypeptide_domain=InterPro:IPR002475,IPR026298;Ontology_ter
m=GO:0042981
SM_V9_7 Liftoff exon    11870325        11874973        .       -
        .       Parent=Smp_041630.1
SM_V9_7 Liftoff exon    11878750        11878974        .       -
        .       Parent=Smp_041630.1
SM_V9_7 Liftoff exon    11881302        11881994        .       -
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SM_V9_7 Liftoff exon    11896042        11896220        .       -
        .       Parent=Smp_041630.1
SM_V9_7 Liftoff CDS     11874752        11874973        .       -
        0       Parent=Smp_041630.1
SM_V9_7 Liftoff CDS     11878750        11878974        .       -
        0       Parent=Smp_041630.1
SM_V9_7 Liftoff CDS     11881302        11881994        .       -
        0       Parent=Smp_041630.1
SM_V9_7 Liftoff CDS     11886049        11886946        .       -
        1       Parent=Smp_041630.1
SM_V9_7 Liftoff CDS     11896042        11896073        .       -
        0       Parent=Smp_041630.1
SM_V9_7 Liftoff gene    11903062        11947900        .       -
        .       ID=Smp_144850;geneID=Smp_144850
SM_V9_7 Liftoff mRNA    11903062        11947900        .       -
        .
ID=Smp_144850.1;Parent=Smp_144850;geneID=Smp_144850;product=Oxystero
l-binding protein-related protein
1;polypeptide_domain=InterPro:IPR000648,IPR018494 Pfam:PF01237
SM_V9_7 Liftoff exon    11903062        11904261        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11906443        11906839        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11918610        11918933        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11921226        11921447        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11923058        11923183        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11931119        11931253        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11935185        11935257        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11947635        11947665        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff exon    11947707        11947900        .       -
        .       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11903804        11904261        .       -
        2       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11906443        11906839        .       -
        0       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11918610        11918933        .       -
        0       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11921226        11921447        .       -
        0       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11923058        11923183        .       -
        0       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11931119        11931253        .       -
        0       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11935185        11935257        .       -
        1       Parent=Smp_144850.1
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SM_V9_7 Liftoff CDS     11947635        11947665        .       -
        2       Parent=Smp_144850.1
SM_V9_7 Liftoff CDS     11947707        11947770        .       -
        0       Parent=Smp_144850.1
SM_V9_7 Liftoff gene    11954774        11955318        .       +
        .       ID=Smp_041650;geneID=Smp_041650
SM_V9_7 Liftoff mRNA    11954774        11955318        .       +
        .
ID=Smp_041650.1;Parent=Smp_041650;geneID=Smp_041650;product=40S
ribosomal protein
S27;polypeptide_domain=InterPro:IPR000592,IPR011332,IPR023407
Pfam:PF01667;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_7 Liftoff exon    11954774        11954846        .       +
        .       Parent=Smp_041650.1
SM_V9_7 Liftoff exon    11954941        11955049        .       +
        .       Parent=Smp_041650.1
SM_V9_7 Liftoff exon    11955083        11955193        .       +
        .       Parent=Smp_041650.1
SM_V9_7 Liftoff exon    11955236        11955318        .       +
        .       Parent=Smp_041650.1
SM_V9_7 Liftoff CDS     11954841        11954846        .       +
        0       Parent=Smp_041650.1
SM_V9_7 Liftoff CDS     11954941        11955049        .       +
        0       Parent=Smp_041650.1
SM_V9_7 Liftoff CDS     11955083        11955193        .       +
        2       Parent=Smp_041650.1
SM_V9_7 Liftoff CDS     11955236        11955264        .       +
        2       Parent=Smp_041650.1
SM_V9_7 iris    gene    11973604        11982678        .       +
        .
ID=Smp_144860;geneID=Smp_144860;gene_name=Smp_144860;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    11973604        11982678        .       +
        .
ID=Smp_144860.1;Parent=Smp_144860;geneID=Smp_144860;gene_name=Smp_14
4860;owner=irisadmin@local.host;orig_id=Smp_144860.2;date_last_modif
ied=2022-08-18;Name=Smp_144860.1;product=Protein boule-
like;date_creation=2022-08-18
SM_V9_7 iris    exon    11973604        11973826        .       +
        .       Parent=Smp_144860.1;Name=182510d1-0cde-4285-
af14-7720781cb39b
SM_V9_7 iris    exon    11974638        11974796        .       +
        .
Parent=Smp_144860.1;Name=f0394d66-57f4-4a61-8be9-476f5c6fbc8d
SM_V9_7 iris    exon    11974832        11974923        .       +
        .       Parent=Smp_144860.1;Name=55d8a394-
bab2-40c1-9bcb-2042b3906dca
SM_V9_7 iris    exon    11974961        11975021        .       +
        .
Parent=Smp_144860.1;Name=a2ebc68d-1ebf-4d5b-8ea3-06209bbd63d6
SM_V9_7 iris    exon    11975057        11975135        .       +
        .       Parent=Smp_144860.1;Name=0e31b934-a02b-4ba4-b68a-
e0e437e89412
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SM_V9_7 iris    exon    11975219        11975325        .       +
        .       Parent=Smp_144860.1;Name=e76c52c9-8fe6-42cc-b4ef-
e5820d9ca778
SM_V9_7 iris    exon    11975849        11976460        .       +
        .       Parent=Smp_144860.1;Name=4647f01c-
f451-4000-9adb-6ec170b266b9
SM_V9_7 iris    exon    11977259        11977417        .       +
        .
Parent=Smp_144860.1;Name=fca90032-554f-4237-828a-0103b6ba6822
SM_V9_7 iris    exon    11977990        11978328        .       +
        .       Parent=Smp_144860.1;Name=68929609-406d-4ba1-b2e4-
eb0c4facf673
SM_V9_7 iris    exon    11981237        11982678        .       +
        .       Parent=Smp_144860.1;Name=38e1bccb-c495-433d-
a206-8bf6bbbdf0b2
SM_V9_7 iris    CDS     11973824        11973826        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11974638        11974796        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11974832        11974923        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11974961        11975021        .       +
        1       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11975057        11975135        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11975219        11975325        .       +
        2       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11975849        11976460        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11977259        11977417        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11977990        11978328        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    CDS     11981237        11981482        .       +
        0       Parent=Smp_144860.1
SM_V9_7 iris    gene    12008584        12147330        .       +
        .
ID=Smp_134600;geneID=Smp_134600;gene_name=Smp_134600;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    12008584        12147330        .       +
        .
ID=Smp_134600.1;Parent=Smp_134600;geneID=Smp_134600;gene_name=Smp_13
4600;owner=irisadmin@local.host;orig_id=Smp_134600.1;date_last_modif
ied=2022-07-16;Name=Smp_134600.1;product=Lipopolysaccharide core
heptose(II) kinase RfaY;date_creation=2022-07-16
SM_V9_7 iris    exon    12008584        12008958        .       +
        .       Parent=Smp_134600.1;Name=b3254fb2-9f1c-4f6e-
afed-254c0def0ee2
SM_V9_7 iris    exon    12029427        12029608        .       +
        .
Parent=Smp_134600.1;Name=5c4740cb-8754-4b84-8a94-7d5cd0b2a12d
SM_V9_7 iris    exon    12048376        12048410        .       +
        .       Parent=Smp_134600.1;Name=753a7253-433a-42d6-92bc-
b5e84719af27
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SM_V9_7 iris    exon    12054988        12055063        .       +
        .       Parent=Smp_134600.1;Name=14b9a579-f0ce-4aa2-
b0e1-6344f772975b
SM_V9_7 iris    exon    12062118        12062126        .       +
        .       Parent=Smp_134600.1;Name=d60d63af-bd58-4ac7-9451-
cfc4d5198132
SM_V9_7 iris    exon    12066859        12066933        .       +
        .       Parent=Smp_134600.1;Name=e87c40bf-5837-4444-
a2c8-56f87b618dad
SM_V9_7 iris    exon    12068807        12069026        .       +
        .       Parent=Smp_134600.1;Name=d222ac92-
cd80-4339-93d9-664ca3b664a9
SM_V9_7 iris    exon    12080400        12080633        .       +
        .       Parent=Smp_134600.1;Name=e28dbe09-
adcb-4082-998f-64eede4c3b2d
SM_V9_7 iris    exon    12087578        12087719        .       +
        .       Parent=Smp_134600.1;Name=e3afa2f9-1362-4dd3-
bcb3-11f5ba4d762a
SM_V9_7 iris    exon    12088600        12088641        .       +
        .       Parent=Smp_134600.1;Name=0065912f-49ac-4cac-
aa07-5b93eab2cebe
SM_V9_7 iris    exon    12092222        12092349        .       +
        .       Parent=Smp_134600.1;Name=2b7dbffa-dab5-4ba4-
b2ec-206ade31c772
SM_V9_7 iris    exon    12094361        12094476        .       +
        .
Parent=Smp_134600.1;Name=70b2b2c7-3117-4990-8094-58157826b912
SM_V9_7 iris    exon    12098854        12098934        .       +
        .       Parent=Smp_134600.1;Name=355bc81c-e138-44a2-be37-
b6ff20964295
SM_V9_7 iris    exon    12102842        12102942        .       +
        .       Parent=Smp_134600.1;Name=9687c2a6-
b643-4ca2-9325-31bea9641645
SM_V9_7 iris    exon    12106673        12106823        .       +
        .       Parent=Smp_134600.1;Name=700f3e77-f41d-4bd2-
b387-595579e583d0
SM_V9_7 iris    exon    12109885        12109953        .       +
        .       Parent=Smp_134600.1;Name=fe44c349-be7a-4492-
b2c3-719a62ef75d5
SM_V9_7 iris    exon    12116977        12117066        .       +
        .       Parent=Smp_134600.1;Name=f08b3a89-e4fd-4066-9a10-
d7ad67ed2e53
SM_V9_7 iris    exon    12119001        12119126        .       +
        .       Parent=Smp_134600.1;Name=5934c747-f25e-460b-a2f1-
e5f7537c7612
SM_V9_7 iris    exon    12121398        12121588        .       +
        .       Parent=Smp_134600.1;Name=5aac9f4c-02d5-4c01-954b-
abf4d7e53f5b
SM_V9_7 iris    exon    12123318        12123650        .       +
        .       Parent=Smp_134600.1;Name=d0956b85-b994-4d6b-af24-
d4a59421e47c
SM_V9_7 iris    exon    12126153        12126393        .       +
        .       Parent=Smp_134600.1;Name=53d88423-0d32-457e-
b33a-718038e054f2
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SM_V9_7 iris    exon    12129137        12129291        .       +
        .       Parent=Smp_134600.1;Name=f1bb34e6-4c60-45ea-
a7ee-98590e34e0e0
SM_V9_7 iris    exon    12131427        12131571        .       +
        .       Parent=Smp_134600.1;Name=73b15ed8-9cee-41c4-94f8-
ef51da391dbb
SM_V9_7 iris    exon    12134085        12134243        .       +
        .
Parent=Smp_134600.1;Name=27f779a0-810a-4073-8d0f-3204fc1f8670
SM_V9_7 iris    exon    12135367        12135438        .       +
        .       Parent=Smp_134600.1;Name=62193eff-1f4c-465e-
a5f2-88cca26daf04
SM_V9_7 iris    exon    12136620        12136730        .       +
        .       Parent=Smp_134600.1;Name=221fb91d-1b3d-4a23-8f15-
f0bbeefc78d5
SM_V9_7 iris    exon    12138650        12138875        .       +
        .
Parent=Smp_134600.1;Name=d9482446-53ce-4950-8ef9-5efa3dc37c2c
SM_V9_7 iris    exon    12140379        12140474        .       +
        .       Parent=Smp_134600.1;Name=25d4db62-112a-4b1d-a7ff-
f21ac5c4c64b
SM_V9_7 iris    exon    12145128        12145290        .       +
        .       Parent=Smp_134600.1;Name=5f8b3a37-499f-439f-
a29b-6512b5f72012
SM_V9_7 iris    exon    12146236        12147330        .       +
        .
Parent=Smp_134600.1;Name=de40b491-511a-472c-98e5-6a3cbe683c08
SM_V9_7 iris    CDS     12008892        12008958        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12029427        12029608        .       +
        2       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12048376        12048410        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12054988        12055063        .       +
        1       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12062118        12062126        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12066859        12066933        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12068807        12069026        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12080400        12080633        .       +
        2       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12087578        12087719        .       +
        2       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12088600        12088641        .       +
        1       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12092222        12092349        .       +
        1       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12094361        12094476        .       +
        2       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12098854        12098934        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12102842        12102942        .       +
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        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12106673        12106823        .       +
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SM_V9_7 iris    CDS     12109885        12109953        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12116977        12117066        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12119001        12119126        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12121398        12121588        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12123318        12123650        .       +
        1       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12126153        12126393        .       +
        1       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12129137        12129291        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12131427        12131571        .       +
        1       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12134085        12134243        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12135367        12135438        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12136620        12136730        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12138650        12138875        .       +
        0       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12140379        12140474        .       +
        2       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12145128        12145290        .       +
        2       Parent=Smp_134600.1
SM_V9_7 iris    CDS     12146236        12146557        .       +
        1       Parent=Smp_134600.1
SM_V9_7 Liftoff gene    12151495        12179514        .       +
        .       ID=Smp_196160;geneID=Smp_196160
SM_V9_7 Liftoff mRNA    12151495        12179514        .       +
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isocitrate dehydrogenase [NAD] subunit alpha,
mitochondrial;polypeptide_domain=InterPro:IPR004434,IPR019818,IPR024
084
Pfam:PF00180;Ontology_term=GO:0000287,GO:0004449,GO:0006099,GO:00166
16,GO:0051287,GO:0055114
SM_V9_7 Liftoff exon    12151495        12151653        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12151694        12151796        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12152963        12153135        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12159690        12159819        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12162144        12162277        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12164194        12164296        .       +
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        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12166454        12166600        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12167416        12167568        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff exon    12178967        12179514        .       +
        .       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12151607        12151653        .       +
        0       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12151694        12151796        .       +
        1       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12152963        12153135        .       +
        0       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12159690        12159819        .       +
        1       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12162144        12162277        .       +
        0       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12164194        12164296        .       +
        1       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12166454        12166600        .       +
        0       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12167416        12167568        .       +
        0       Parent=Smp_196160.1
SM_V9_7 Liftoff CDS     12178967        12179059        .       +
        0       Parent=Smp_196160.1
SM_V9_7 iris    gene    12222529        12235381        .       -
        .
ID=Smp_134580;geneID=Smp_134580;gene_name=Smp_134580;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_7 iris    mRNA    12222529        12235381        .       -
        .
ID=Smp_134580.1;Parent=Smp_134580;geneID=Smp_134580;gene_name=Smp_13
4580;owner=irisadmin@local.host;orig_id=Smp_134580.1;date_last_modif
ied=2022-08-15;Name=Smp_134580.1;product=Hypothetical
protein;date_creation=2022-08-15
SM_V9_7 iris    exon    12222529        12224432        .       -
        .       Parent=Smp_134580.1;Name=05e5d866-7044-4155-b25a-
de388b84e3f4
SM_V9_7 iris    exon    12225852        12226260        .       -
        .       Parent=Smp_134580.1;Name=a694ee49-a8fa-44c9-
acc9-46d434bc1a59
SM_V9_7 iris    exon    12230932        12231175        .       -
        .       Parent=Smp_134580.1;Name=8459fa27-46d6-420f-a2f4-
c8d8ce753eba
SM_V9_7 iris    exon    12234681        12234767        .       -
        .       Parent=Smp_134580.1;Name=dcb53a58-fc97-4f5c-
bd60-6d839f92e1b0
SM_V9_7 iris    exon    12234872        12234949        .       -
        .       Parent=Smp_134580.1;Name=7530f095-63ac-4099-942b-
da1eb6befe04
SM_V9_7 iris    exon    12234984        12235087        .       -
        .       Parent=Smp_134580.1;Name=76b5805a-0076-4294-
b08c-7246ce91bd6e
SM_V9_7 iris    exon    12235121        12235381        .       -
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        .       Parent=Smp_134580.1;Name=7f02b048-80a6-409f-8363-
cc485ad6838c
SM_V9_7 iris    CDS     12224153        12224432        .       -
        1       Parent=Smp_134580.1
SM_V9_7 iris    CDS     12225852        12226260        .       -
        2       Parent=Smp_134580.1
SM_V9_7 iris    CDS     12230932        12231175        .       -
        0       Parent=Smp_134580.1
SM_V9_7 iris    CDS     12234681        12234767        .       -
        0       Parent=Smp_134580.1
SM_V9_7 iris    CDS     12234872        12234949        .       -
        0       Parent=Smp_134580.1
SM_V9_7 iris    CDS     12234984        12235087        .       -
        2       Parent=Smp_134580.1
SM_V9_7 iris    CDS     12235121        12235238        .       -
        0       Parent=Smp_134580.1
SM_V9_7 Liftoff gene    12264565        12334810        .       +
        .
ID=Smp_347460;geneID=Smp_347460;previous_systematic_id=Smp_134570,Sm
p_241730
SM_V9_7 Liftoff mRNA    12264565        12334810        .       +
        .
ID=Smp_347460.1;Parent=Smp_347460;geneID=Smp_347460;product=Myosin-9
SM_V9_7 Liftoff exon    12264565        12265820        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12273354        12273704        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12275506        12275746        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12278896        12279102        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12283552        12283725        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12284870        12284938        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12288302        12288514        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12289728        12289950        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12290448        12290698        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12292497        12292671        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12298288        12298513        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12304389        12304476        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12306121        12306288        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12307411        12307542        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12308448        12308525        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12311826        12312005        .       +
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        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12313594        12313729        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12315545        12315788        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12318047        12318335        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12320367        12320636        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12321727        12321879        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12323452        12323769        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12325495        12325665        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12327028        12327131        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12328957        12329389        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12331283        12331400        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff exon    12333696        12334810        .       +
        .       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12265282        12265820        .       +
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SM_V9_7 Liftoff CDS     12273354        12273704        .       +
        1       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12275506        12275746        .       +
        1       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12278896        12279102        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12283552        12283725        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12284870        12284938        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12288302        12288514        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12289728        12289950        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12290448        12290698        .       +
        2       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12292497        12292671        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12298288        12298513        .       +
        2       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12304389        12304476        .       +
        1       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12306121        12306288        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12307411        12307542        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12308448        12308525        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12311826        12312005        .       +
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        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12313594        12313729        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12315545        12315788        .       +
        2       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12318047        12318335        .       +
        1       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12320367        12320636        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12321727        12321879        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12323452        12323769        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12325495        12325665        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12327028        12327131        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12328957        12329389        .       +
        1       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12331283        12331400        .       +
        0       Parent=Smp_347460.1
SM_V9_7 Liftoff CDS     12333696        12334591        .       +
        2       Parent=Smp_347460.1
SM_V9_7 iris    gene    12347945        12383793        .       +
        .
ID=Smp_300910;geneID=Smp_300910;gene_name=Smp_300910;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    12347945        12360524        .       +
        .
ID=Smp_300910.2;Parent=Smp_300910;geneID=Smp_300910;gene_name=Smp_30
0910;owner=irisadmin@local.host;orig_id=Smp_300910.1;date_last_modif
ied=2022-07-16;Name=Smp_300910.2;product=Hypothetical
protein;date_creation=2022-07-16
SM_V9_7 iris    exon    12347945        12347981        .       +
        .
Parent=Smp_300910.2;Name=6b00bf5a-7531-43cd-9896-942ac3351718
SM_V9_7 iris    exon    12349298        12349879        .       +
        .       Parent=Smp_300910.2;Name=af2a33db-a1ec-4f30-8db7-
dec6fceceaf1
SM_V9_7 iris    exon    12350902        12351377        .       +
        .       Parent=Smp_300910.2;Name=72c07b3c-fb2a-46c1-a54f-
c8342217d806
SM_V9_7 iris    exon    12352631        12353093        .       +
        .       Parent=Smp_300910.2;Name=8fc66f26-f6d3-4406-
b939-9b67b2f7104e
SM_V9_7 iris    exon    12353170        12353694        .       +
        .       Parent=Smp_300910.2;Name=09725c8e-11c1-45a2-bef0-
be41dbe7825f
SM_V9_7 iris    exon    12354169        12354916        .       +
        .       Parent=Smp_300910.2;Name=762cd49d-b599-4dab-b778-
f62dc1fe99ba
SM_V9_7 iris    exon    12355072        12356069        .       +
        .       Parent=Smp_300910.2;Name=198ef137-e6a3-4c17-
ad73-9978d706afb4
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SM_V9_7 iris    exon    12357114        12357723        .       +
       .
Parent=Smp_300910.2;Name=291b6c9e-0be0-4867-96a2-7477176f2600
SM_V9_7 iris    exon    12360348        12360524        .       +
       .       Parent=Smp_300910.2;Name=0e90f903-b25f-4bf2-8d1a-
e5372937d759
SM_V9_7 iris    CDS     12349317        12349879        .       +
       0       Parent=Smp_300910.2
SM_V9_7 iris    CDS     12350902        12351377        .       +
       1       Parent=Smp_300910.2
SM_V9_7 iris    CDS     12352631        12353093        .       +
       2       Parent=Smp_300910.2
SM_V9_7 iris    CDS     12353170        12353694        .       +
       1       Parent=Smp_300910.2
SM_V9_7 iris    CDS     12354169        12354916        .       +
       1       Parent=Smp_300910.2
SM_V9_7 iris    CDS     12355072        12356069        .       +
       0       Parent=Smp_300910.2
SM_V9_7 iris    CDS     12357114        12357723        .       +
       1       Parent=Smp_300910.2
SM_V9_7 iris    CDS     12360348        12360356        .       +
       0       Parent=Smp_300910.2
SM_V9_7 iris    mRNA    12347945        12383793        .       +
       .
ID=Smp_300910.1;Parent=Smp_300910;geneID=Smp_300910;gene_name=Smp_30
0910;owner=irisadmin@local.host;date_last_modified=2022-07-16;Name=S
mp_300910.1;product=Hypothetical protein;date_creation=2022-07-16
SM_V9_7 iris    exon    12347945        12347981        .       +
       .       Parent=Smp_300910.1;Name=de35735a-cbc9-4f06-9257-
f44bb9535bc8
SM_V9_7 iris    exon    12349298        12349879        .       +
       .       Parent=Smp_300910.1;Name=e6daa5f0-337b-46c0-a95a-
ff1a83809330
SM_V9_7 iris    exon    12350902        12351377        .       +
       .       Parent=Smp_300910.1;Name=4fc2dc92-008a-4ddd-
acbe-63c670f90c23
SM_V9_7 iris    exon    12352631        12353093        .       +
       .       Parent=Smp_300910.1;Name=6d35cf8b-
d2a6-42dd-8c3c-25bd56267f67
SM_V9_7 iris    exon    12353170        12353694        .       +
       .
Parent=Smp_300910.1;Name=49745360-7609-41bc-95fb-1d3ff76a01d5
SM_V9_7 iris    exon    12354169        12354916        .       +
       .       Parent=Smp_300910.1;Name=031bc92b-ff7b-4e75-
abee-1628b9f37b5d
SM_V9_7 iris    exon    12355072        12356069        .       +
       .       Parent=Smp_300910.1;Name=c1f89105-8061-4c17-
b1ba-5aee5be1f9cb
SM_V9_7 iris    exon    12357114        12357723        .       +
       .       Parent=Smp_300910.1;Name=bc6f4b3b-9987-4c43-be50-
cc63760260a6
SM_V9_7 iris    exon    12365488        12365575        .       +
       .       Parent=Smp_300910.1;Name=5dac7047-8bfc-436a-ac50-
df0e495434e2
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SM_V9_7 iris    exon    12368384        12368450        .       +
        .       Parent=Smp_300910.1;Name=5cd46d5f-3620-4aeb-
bd15-97248c70e815
SM_V9_7 iris    exon    12369564        12369677        .       +
        .       Parent=Smp_300910.1;Name=a70ee99f-50b4-4879-b521-
ee7a4304fbd9
SM_V9_7 iris    exon    12371912        12372002        .       +
        .       Parent=Smp_300910.1;Name=89879dba-ac71-4fb1-
ae67-3b4e61b3a05f
SM_V9_7 iris    exon    12375280        12375580        .       +
        .       Parent=Smp_300910.1;Name=92bee7e5-2e60-4367-
ab84-446e51c9cd3d
SM_V9_7 iris    exon    12377213        12377295        .       +
        .
Parent=Smp_300910.1;Name=3ea6f73c-7cf5-4288-8b63-74bafe6aebc5
SM_V9_7 iris    exon    12378330        12378409        .       +
        .
Parent=Smp_300910.1;Name=83793dd3-02e0-4127-938d-3b475015ecd8
SM_V9_7 iris    exon    12379371        12379458        .       +
        .
Parent=Smp_300910.1;Name=49a59c83-848d-448d-96fd-6ee7be88442d
SM_V9_7 iris    exon    12381197        12383793        .       +
        .       Parent=Smp_300910.1;Name=a5f8f665-
cb84-4eab-8bc7-57203f8f1e8a
SM_V9_7 iris    CDS     12349317        12349879        .       +
        0       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12350902        12351377        .       +
        1       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12352631        12353093        .       +
        2       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12353170        12353694        .       +
        1       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12354169        12354916        .       +
        1       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12355072        12356069        .       +
        0       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12357114        12357723        .       +
        1       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12365488        12365575        .       +
        0       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12368384        12368450        .       +
        2       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12369564        12369677        .       +
        1       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12371912        12372002        .       +
        1       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12375280        12375580        .       +
        0       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12377213        12377295        .       +
        2       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12378330        12378409        .       +
        0       Parent=Smp_300910.1
SM_V9_7 iris    CDS     12379371        12379458        .       +
        1       Parent=Smp_300910.1
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SM_V9_7 iris    CDS     12381197        12381499        .       +
        0       Parent=Smp_300910.1
SM_V9_7 iris    mRNA    12360900        12383793        .       +
        .
ID=Smp_300910.3;Parent=Smp_300910;geneID=Smp_300910;gene_name=Smp_30
0910;owner=irisadmin@local.host;date_last_modified=2022-07-16;Name=S
mp_300910.3;product=Hypothetical protein;date_creation=2022-07-16
SM_V9_7 iris    exon    12360900        12363936        .       +
        .       Parent=Smp_300910.3;Name=Smp_300910.3-CDS
SM_V9_7 iris    exon    12365488        12365575        .       +
        .       Parent=Smp_300910.3;Name=ba5c963b-c73d-4b09-949b-
caa8dd685ef2
SM_V9_7 iris    exon    12368384        12368450        .       +
        .       Parent=Smp_300910.3;Name=54a4c3bf-05e8-4e28-
b315-47a77fbd1d66
SM_V9_7 iris    exon    12369564        12369677        .       +
        .
Parent=Smp_300910.3;Name=cae9eaa1-44f9-4cbc-898b-778172ab6942
SM_V9_7 iris    exon    12371912        12372002        .       +
        .       Parent=Smp_300910.3;Name=5582c95d-8541-4494-9893-
ffcd3c4a521a
SM_V9_7 iris    exon    12375280        12375580        .       +
        .
Parent=Smp_300910.3;Name=3f9d382e-6408-4739-9ad4-37b3024dee36
SM_V9_7 iris    exon    12377213        12377295        .       +
        .
Parent=Smp_300910.3;Name=20bf86cb-3379-457b-9c94-6b1a8bf3b5a6
SM_V9_7 iris    exon    12378330        12378409        .       +
        .       Parent=Smp_300910.3;Name=343a06a6-18da-4a83-
a5d9-3a555bfffae8
SM_V9_7 iris    exon    12379371        12379458        .       +
        .       Parent=Smp_300910.3;Name=a2ce9cbf-eeb0-46e4-a2d4-
d3ebece7040d
SM_V9_7 iris    exon    12381197        12383793        .       +
        .       Parent=Smp_300910.3;Name=42a922cc-8b14-450d-b883-
c2f5f3da959a
SM_V9_7 iris    CDS     12362311        12363936        .       +
        0       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12365488        12365575        .       +
        0       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12368384        12368450        .       +
        2       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12369564        12369677        .       +
        1       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12371912        12372002        .       +
        1       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12375280        12375580        .       +
        0       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12377213        12377295        .       +
        2       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12378330        12378409        .       +
        0       Parent=Smp_300910.3
SM_V9_7 iris    CDS     12379371        12379458        .       +
        1       Parent=Smp_300910.3
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SM_V9_7 iris    CDS     12381197        12381499        .       +
        0       Parent=Smp_300910.3
SM_V9_7 iris    gene    12417677        12436344        .       -
        .
ID=Smp_134550;geneID=Smp_134550;gene_name=Smp_134550;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    12417677        12436344        .       -
        .
ID=Smp_134550.1;Parent=Smp_134550;geneID=Smp_134550;gene_name=Smp_13
4550;owner=irisadmin@local.host;orig_id=Smp_134550.1;date_last_modif
ied=2022-08-18;Name=Smp_134550.1;product=npp-27;date_creation=2022-0
8-18
SM_V9_7 iris    exon    12417677        12418081        .       -
        .       Parent=Smp_134550.1;Name=55b22782-b44f-40f4-b20f-
ad73e1a1955d
SM_V9_7 iris    exon    12421976        12422013        .       -
        .       Parent=Smp_134550.1;Name=49d694ba-
a433-453d-9130-358561b53da5
SM_V9_7 iris    exon    12436160        12436344        .       -
        .       Parent=Smp_134550.1;Name=6e4cc58d-
f724-40eb-8e9d-6208ef79a5f4
SM_V9_7 iris    CDS     12417914        12418081        .       -
        0       Parent=Smp_134550.1
SM_V9_7 iris    CDS     12421976        12422013        .       -
        2       Parent=Smp_134550.1
SM_V9_7 iris    CDS     12436160        12436202        .       -
        0       Parent=Smp_134550.1
SM_V9_7 Liftoff gene    12447555        12459893        .       +
        .       ID=Smp_134540;geneID=Smp_134540
SM_V9_7 Liftoff mRNA    12447555        12459893        .       +
        .
ID=Smp_134540.1;Parent=Smp_134540;geneID=Smp_134540;product=Hypothet
ical protein
SM_V9_7 Liftoff exon    12447555        12447727        .       +
        .       Parent=Smp_134540.1
SM_V9_7 Liftoff exon    12453028        12454254        .       +
        .       Parent=Smp_134540.1
SM_V9_7 Liftoff exon    12458939        12459893        .       +
        .       Parent=Smp_134540.1
SM_V9_7 Liftoff CDS     12447695        12447727        .       +
        0       Parent=Smp_134540.1
SM_V9_7 Liftoff CDS     12453028        12454254        .       +
        0       Parent=Smp_134540.1
SM_V9_7 Liftoff CDS     12458939        12459802        .       +
        0       Parent=Smp_134540.1
SM_V9_7 iris    gene    12485375        12547987        .       +
        .
ID=Smp_134530;geneID=Smp_134530;gene_name=Smp_134530;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    12485375        12547987        .       +
        .
ID=Smp_134530.1;Parent=Smp_134530;geneID=Smp_134530;gene_name=Smp_13
4530;owner=irisadmin@local.host;orig_id=Smp_134530.1;date_last_modif
ied=2022-07-16;Name=Smp_134530.1;product=Solute carrier organic
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anion transporter family member 5A1;date_creation=2022-07-16
SM_V9_7 iris    exon    12485375        12485480        .       +
        .       Parent=Smp_134530.1;Name=145f2b67-27a0-4d47-
a54f-5b6ece0c6229
SM_V9_7 iris    exon    12488191        12489745        .       +
        .       Parent=Smp_134530.1;Name=706ce965-c48d-45be-bdbc-
a01db78c3906
SM_V9_7 iris    exon    12500327        12500607        .       +
        .       Parent=Smp_134530.1;Name=a79152be-a651-4a94-a7a2-
f7ab6b816399
SM_V9_7 iris    exon    12503997        12504624        .       +
        .       Parent=Smp_134530.1;Name=046d9219-
e8ad-48f5-89cd-072e426a6727
SM_V9_7 iris    exon    12511226        12511390        .       +
        .
Parent=Smp_134530.1;Name=f4373ef6-0744-4cb4-9c37-486dddaff466
SM_V9_7 iris    exon    12524402        12524603        .       +
        .       Parent=Smp_134530.1;Name=30ee235f-777b-43ee-
a63a-87893193034a
SM_V9_7 iris    exon    12532439        12532814        .       +
        .
Parent=Smp_134530.1;Name=b5fbeeaf-686d-430f-92d4-5299118de134
SM_V9_7 iris    exon    12537615        12537865        .       +
        .
Parent=Smp_134530.1;Name=d3dda42b-2dcf-4919-8051-818cee2a84f3
SM_V9_7 iris    exon    12543420        12543484        .       +
        .       Parent=Smp_134530.1;Name=3e73aaaa-c403-4b24-
a800-865d0f849972
SM_V9_7 iris    exon    12544674        12545061        .       +
        .
Parent=Smp_134530.1;Name=559fa03c-47e9-4c3e-8490-6b107a59113a
SM_V9_7 iris    exon    12546765        12547987        .       +
        .       Parent=Smp_134530.1;Name=a219459d-b542-406f-
afe0-2b9762f447f3
SM_V9_7 iris    CDS     12488299        12489745        .       +
        0       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12500327        12500607        .       +
        2       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12503997        12504624        .       +
        0       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12511226        12511390        .       +
        2       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12524402        12524603        .       +
        2       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12532439        12532814        .       +
        1       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12537615        12537865        .       +
        0       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12543420        12543484        .       +
        1       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12544674        12545061        .       +
        2       Parent=Smp_134530.1
SM_V9_7 iris    CDS     12546765        12546957        .       +
        1       Parent=Smp_134530.1
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SM_V9_7 Liftoff gene    12554496        12556811        .       -
        .       ID=Smp_023010;geneID=Smp_023010
SM_V9_7 Liftoff mRNA    12554496        12556811        .       -
        .
ID=Smp_023010.1;Parent=Smp_023010;geneID=Smp_023010;product=ATPase
inhibitor, mitochondrial;polypeptide_domain=InterPro:IPR007648
Pfam:PF04568;Ontology_term=GO:0005739,GO:0032780,GO:0042030
SM_V9_7 Liftoff exon    12554496        12555555        .       -
        .       Parent=Smp_023010.1
SM_V9_7 Liftoff exon    12555605        12555694        .       -
        .       Parent=Smp_023010.1
SM_V9_7 Liftoff exon    12556752        12556811        .       -
        .       Parent=Smp_023010.1
SM_V9_7 Liftoff CDS     12555493        12555555        .       -
        0       Parent=Smp_023010.1
SM_V9_7 Liftoff CDS     12555605        12555694        .       -
        0       Parent=Smp_023010.1
SM_V9_7 Liftoff CDS     12556752        12556790        .       -
        0       Parent=Smp_023010.1
SM_V9_7 Liftoff gene    12565365        12576540        .       -
        .       ID=Smp_134510;geneID=Smp_134510
SM_V9_7 Liftoff mRNA    12565365        12576540        .       -
        .
ID=Smp_134510.1;Parent=Smp_134510;geneID=Smp_134510;product=ATPase
inhibitor mai-2, mitochondrial;polypeptide_domain=InterPro:IPR007648
Pfam:PF04568;Ontology_term=GO:0005739,GO:0032780,GO:0042030
SM_V9_7 Liftoff exon    12565365        12565595        .       -
        .       Parent=Smp_134510.1
SM_V9_7 Liftoff exon    12569361        12569441        .       -
        .       Parent=Smp_134510.1
SM_V9_7 Liftoff exon    12570495        12570584        .       -
        .       Parent=Smp_134510.1
SM_V9_7 Liftoff exon    12571649        12571697        .       -
        .       Parent=Smp_134510.1
SM_V9_7 Liftoff exon    12573030        12576540        .       -
        .       Parent=Smp_134510.1
SM_V9_7 Liftoff CDS     12565542        12565595        .       -
        0       Parent=Smp_134510.1
SM_V9_7 Liftoff CDS     12569361        12569441        .       -
        0       Parent=Smp_134510.1
SM_V9_7 Liftoff CDS     12570495        12570584        .       -
        0       Parent=Smp_134510.1
SM_V9_7 Liftoff CDS     12571649        12571697        .       -
        1       Parent=Smp_134510.1
SM_V9_7 Liftoff CDS     12573030        12573115        .       -
        0       Parent=Smp_134510.1
SM_V9_7 iris    gene    12582210        12616031        .       -
        .
ID=Smp_134500;geneID=Smp_134500;gene_name=Smp_134500;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    12582210        12616031        .       -
        .
ID=Smp_134500.1;Parent=Smp_134500;geneID=Smp_134500;gene_name=Smp_13
4500;owner=irisadmin@local.host;orig_id=Smp_134500.1;date_last_modif
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ied=2022-08-18;Name=Smp_134500.1;product=Calcium/calmodulin-
dependent 3',5'-cyclic nucleotide phosphodiesterase
1C;date_creation=2022-07-16
SM_V9_7 iris    exon    12582210        12582978        .       -
        .       Parent=Smp_134500.1;Name=6018a665-0fd4-4b9f-
a8c7-6c193b1e7735
SM_V9_7 iris    exon    12587818        12587958        .       -
        .       Parent=Smp_134500.1;Name=9f492faa-d1bb-4037-82bf-
b4d1ff7439b6
SM_V9_7 iris    exon    12588885        12588966        .       -
        .       Parent=Smp_134500.1;Name=c259b4f8-
dd7f-4268-8ee0-6c4860ba85a2
SM_V9_7 iris    exon    12591784        12591904        .       -
        .
Parent=Smp_134500.1;Name=a16d6930-900d-45f1-82fb-2fcd94ddfa13
SM_V9_7 iris    exon    12593557        12593658        .       -
        .       Parent=Smp_134500.1;Name=45cc9011-6327-4ce9-
a87d-34702013e77d
SM_V9_7 iris    exon    12594911        12595036        .       -
        .       Parent=Smp_134500.1;Name=cb45967c-947b-4542-
abb4-833ddd4bba74
SM_V9_7 iris    exon    12595421        12595524        .       -
        .
Parent=Smp_134500.1;Name=5ed99079-2640-4440-9750-74f585440db4
SM_V9_7 iris    exon    12599552        12599692        .       -
        .       Parent=Smp_134500.1;Name=fcf56946-86b2-4fbe-
aa06-3dd6a73c61ec
SM_V9_7 iris    exon    12601857        12601976        .       -
        .       Parent=Smp_134500.1;Name=40ac4e7d-
fb65-4a0c-8db5-908bea0cacca
SM_V9_7 iris    exon    12603403        12603469        .       -
        .       Parent=Smp_134500.1;Name=a8de908b-003d-40b8-bf72-
f7b853fa76c4
SM_V9_7 iris    exon    12604541        12604720        .       -
        .       Parent=Smp_134500.1;Name=3edde2f4-ff93-4d0a-b986-
f62566846616
SM_V9_7 iris    exon    12606531        12606644        .       -
        .       Parent=Smp_134500.1;Name=a0e97543-
d70f-45f9-901b-9846f0e11a46
SM_V9_7 iris    exon    12608392        12608599        .       -
        .       Parent=Smp_134500.1;Name=28539b74-7fc3-4ccc-
aec1-500a8d177d9f
SM_V9_7 iris    exon    12610716        12610955        .       -
        .       Parent=Smp_134500.1;Name=78bda453-9739-475a-
b872-40f932970750
SM_V9_7 iris    exon    12615849        12616031        .       -
        .       Parent=Smp_134500.1;Name=4d9547bc-
c3d3-48f7-9f37-2f74345ff80f
SM_V9_7 iris    CDS     12582890        12582978        .       -
        2       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12587818        12587958        .       -
        2       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12588885        12588966        .       -
        0       Parent=Smp_134500.1
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SM_V9_7 iris    CDS     12591784        12591904        .       -
        1       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12593557        12593658        .       -
        1       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12594911        12595036        .       -
        1       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12595421        12595524        .       -
        0       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12599552        12599692        .       -
        0       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12601857        12601976        .       -
        0       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12603403        12603469        .       -
        1       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12604541        12604720        .       -
        1       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12606531        12606644        .       -
        1       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12608392        12608599        .       -
        2       Parent=Smp_134500.1
SM_V9_7 iris    CDS     12610716        12610941        .       -
        0       Parent=Smp_134500.1
SM_V9_7 iris    gene    12625056        12637549        .       -
        .
ID=Smp_349750;geneID=Smp_349750;gene_name=Smp_349750;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-16
SM_V9_7 iris    mRNA    12625056        12637549        .       -
        .
ID=Smp_349750.1;Parent=Smp_349750;geneID=Smp_349750;gene_name=Smp_34
9750;owner=irisadmin@local.host;orig_id=Smp_134500.1;date_last_modif
ied=2022-08-02;Name=Smp_349750.1;date_creation=2022-07-16
SM_V9_7 iris    exon    12625056        12625529        .       -
        .
Parent=Smp_349750.1;Name=cc9c791a-86cc-4fc0-956a-1995564cc211
SM_V9_7 iris    exon    12632306        12632383        .       -
        .       Parent=Smp_349750.1;Name=Smp_349750.1-CDS
SM_V9_7 iris    exon    12633883        12633949        .       -
        .
Parent=Smp_349750.1;Name=06946faa-89c1-4617-86b2-0b239d7d4b47
SM_V9_7 iris    exon    12634996        12635060        .       -
        .       Parent=Smp_349750.1;Name=e41f196c-8265-42c6-
b98d-34755bd842f0
SM_V9_7 iris    exon    12636725        12636817        .       -
        .       Parent=Smp_349750.1;Name=1912dd15-81e3-4109-
a2e5-8b6ab09d094c
SM_V9_7 iris    exon    12637080        12637149        .       -
        .       Parent=Smp_349750.1;Name=45196ad6-383e-48cd-9ebe-
f1e6a7a0fc67
SM_V9_7 iris    exon    12637194        12637257        .       -
        .       Parent=Smp_349750.1;Name=b7342537-
dfe5-4aa5-8f1d-64406814520b
SM_V9_7 iris    exon    12637296        12637549        .       -
        .       Parent=Smp_349750.1;Name=e6214929-6c69-464e-be3c-
adb14969c581
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SM_V9_7 iris    CDS     12632322        12632383        .       -
        2       Parent=Smp_349750.1
SM_V9_7 iris    CDS     12633883        12633949        .       -
        0       Parent=Smp_349750.1
SM_V9_7 iris    CDS     12634996        12635060        .       -
        2       Parent=Smp_349750.1
SM_V9_7 iris    CDS     12636725        12636817        .       -
        2       Parent=Smp_349750.1
SM_V9_7 iris    CDS     12637080        12637149        .       -
        0       Parent=Smp_349750.1
SM_V9_7 iris    CDS     12637194        12637229        .       -
        0       Parent=Smp_349750.1
SM_V9_7 Liftoff gene    12645710        12649640        .       -
        .       ID=Smp_022990;geneID=Smp_022990
SM_V9_7 Liftoff mRNA    12645710        12649640        .       -
        .
ID=Smp_022990.1;Parent=Smp_022990;geneID=Smp_022990;product=Voltage-
dependent anion-selective channel protein
2;polypeptide_domain=InterPro:IPR001925,IPR027246
Pfam:PF01459;Ontology_term=GO:0005741,GO:0008308,GO:0055085,GO:00986
56
SM_V9_7 Liftoff exon    12645710        12646276        .       -
        .       Parent=Smp_022990.1
SM_V9_7 Liftoff exon    12647301        12647445        .       -
        .       Parent=Smp_022990.1
SM_V9_7 Liftoff exon    12648181        12648370        .       -
        .       Parent=Smp_022990.1
SM_V9_7 Liftoff exon    12649080        12649190        .       -
        .       Parent=Smp_022990.1
SM_V9_7 Liftoff exon    12649221        12649384        .       -
        .       Parent=Smp_022990.1
SM_V9_7 Liftoff exon    12649434        12649640        .       -
        .       Parent=Smp_022990.1
SM_V9_7 Liftoff CDS     12646197        12646276        .       -
        2       Parent=Smp_022990.1
SM_V9_7 Liftoff CDS     12647301        12647445        .       -
        0       Parent=Smp_022990.1
SM_V9_7 Liftoff CDS     12648181        12648370        .       -
        1       Parent=Smp_022990.1
SM_V9_7 Liftoff CDS     12649080        12649190        .       -
        1       Parent=Smp_022990.1
SM_V9_7 Liftoff CDS     12649221        12649384        .       -
        0       Parent=Smp_022990.1
SM_V9_7 Liftoff CDS     12649434        12649586        .       -
        0       Parent=Smp_022990.1
SM_V9_7 Liftoff gene    12671384        12708645        .       +
        .       ID=Smp_134490;geneID=Smp_134490
SM_V9_7 Liftoff mRNA    12671384        12708645        .       +
        .
ID=Smp_134490.1;Parent=Smp_134490;geneID=Smp_134490;product=thyroid
hormone receptor alpha;evidence=Traceable Author
Statement;literature=PMID:16406405;polypeptide_domain=InterPro:IPR00
0536,IPR001628,IPR001728,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003677,GO:0003700,GO:0004887,
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GO:0005634,GO:0006355,GO:0008270,GO:0043401,GO:0043565
SM_V9_7 Liftoff exon    12671384        12671973        .       +
        .       Parent=Smp_134490.1
SM_V9_7 Liftoff exon    12681629        12681889        .       +
        .       Parent=Smp_134490.1
SM_V9_7 Liftoff exon    12686121        12687679        .       +
        .       Parent=Smp_134490.1
SM_V9_7 Liftoff exon    12691268        12691390        .       +
        .       Parent=Smp_134490.1
SM_V9_7 Liftoff exon    12695952        12696089        .       +
        .       Parent=Smp_134490.1
SM_V9_7 Liftoff exon    12698392        12698773        .       +
        .       Parent=Smp_134490.1
SM_V9_7 Liftoff exon    12707164        12708645        .       +
        .       Parent=Smp_134490.1
SM_V9_7 Liftoff CDS     12671421        12671973        .       +
        0       Parent=Smp_134490.1
SM_V9_7 Liftoff CDS     12681629        12681889        .       +
        2       Parent=Smp_134490.1
SM_V9_7 Liftoff CDS     12686121        12687679        .       +
        2       Parent=Smp_134490.1
SM_V9_7 Liftoff CDS     12691268        12691390        .       +
        0       Parent=Smp_134490.1
SM_V9_7 Liftoff CDS     12695952        12696089        .       +
        0       Parent=Smp_134490.1
SM_V9_7 Liftoff CDS     12698392        12698773        .       +
        0       Parent=Smp_134490.1
SM_V9_7 Liftoff CDS     12707164        12707471        .       +
        2       Parent=Smp_134490.1
SM_V9_7 Liftoff gene    12716064        12728068        .       +
        .       ID=Smp_134480;geneID=Smp_134480
SM_V9_7 Liftoff mRNA    12716064        12728068        .       +
        .
ID=Smp_134480.1;Parent=Smp_134480;geneID=Smp_134480;product=Proline-
rich protein PRCC;polypeptide_domain=InterPro:IPR018800 Pfam:PF10253
SM_V9_7 Liftoff exon    12716064        12716134        .       +
        .       Parent=Smp_134480.1
SM_V9_7 Liftoff exon    12716172        12716359        .       +
        .       Parent=Smp_134480.1
SM_V9_7 Liftoff exon    12716414        12716470        .       +
        .       Parent=Smp_134480.1
SM_V9_7 Liftoff exon    12723039        12723710        .       +
        .       Parent=Smp_134480.1
SM_V9_7 Liftoff exon    12726712        12726954        .       +
        .       Parent=Smp_134480.1
SM_V9_7 Liftoff exon    12727773        12728068        .       +
        .       Parent=Smp_134480.1
SM_V9_7 Liftoff CDS     12716092        12716134        .       +
        0       Parent=Smp_134480.1
SM_V9_7 Liftoff CDS     12716172        12716359        .       +
        2       Parent=Smp_134480.1
SM_V9_7 Liftoff CDS     12716414        12716470        .       +
        0       Parent=Smp_134480.1
SM_V9_7 Liftoff CDS     12723039        12723710        .       +
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        0       Parent=Smp_134480.1
SM_V9_7 Liftoff CDS     12726712        12726954        .       +
        0       Parent=Smp_134480.1
SM_V9_7 Liftoff CDS     12727773        12727859        .       +
        0       Parent=Smp_134480.1
SM_V9_7 iris    gene    12776978        12916851        .       -
        .
ID=Smp_134470;geneID=Smp_134470;gene_name=Smp_134470;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    12776978        12865420        .       -
        .
ID=Smp_134470.2;Parent=Smp_134470;geneID=Smp_134470;gene_name=Smp_13
4470;owner=irisadmin@local.host;date_last_modified=2022-08-18;Name=S
mp_134470.2;date_creation=2022-08-18
SM_V9_7 iris    exon    12776978        12779574        .       -
        .       Parent=Smp_134470.2;Name=4aa45107-286d-4652-ad44-
aafd357d0f56
SM_V9_7 iris    exon    12781873        12782020        .       -
        .       Parent=Smp_134470.2;Name=88ec54b8-92b0-4020-bbef-
f686c4dea768
SM_V9_7 iris    exon    12783389        12783492        .       -
        .
Parent=Smp_134470.2;Name=236166cd-4f41-4f8e-9b66-07d28bb981ea
SM_V9_7 iris    exon    12810840        12810983        .       -
        .
Parent=Smp_134470.2;Name=27c92e3b-3016-4f17-98d2-866d4d2d4593
SM_V9_7 iris    exon    12828498        12828775        .       -
        .       Parent=Smp_134470.2;Name=ee1e0aca-acf5-4f3d-
a466-09357f4f0f38
SM_V9_7 iris    exon    12865274        12865420        .       -
        .       Parent=Smp_134470.2;Name=483f780d-ecc7-4253-bc4a-
c9f745008d05
SM_V9_7 iris    CDS     12779513        12779574        .       -
        2       Parent=Smp_134470.2
SM_V9_7 iris    CDS     12781873        12782020        .       -
        0       Parent=Smp_134470.2
SM_V9_7 iris    CDS     12783389        12783492        .       -
        2       Parent=Smp_134470.2
SM_V9_7 iris    CDS     12810840        12810983        .       -
        2       Parent=Smp_134470.2
SM_V9_7 iris    CDS     12828498        12828534        .       -
        0       Parent=Smp_134470.2
SM_V9_7 iris    mRNA    12776978        12916851        .       -
        .
ID=Smp_134470.1;Parent=Smp_134470;geneID=Smp_134470;gene_name=Smp_13
4470;owner=irisadmin@local.host;orig_id=Smp_134470.1;date_last_modif
ied=2022-08-18;Name=Smp_134470.1;product=Calmodulin-beta
(Fragment);date_creation=2022-08-18
SM_V9_7 iris    exon    12776978        12779574        .       -
        .       Parent=Smp_134470.1;Name=16f7431a-6fee-4289-
a8be-6cfd4e5e79d3
SM_V9_7 iris    exon    12781873        12782020        .       -
        .
Parent=Smp_134470.1;Name=477674f9-9e48-461c-86b8-2d42204aa1b2
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SM_V9_7 iris    exon    12783389        12783492        .       -
        .       Parent=Smp_134470.1;Name=88ca29b9-c900-4574-8214-
f0a02cb2070c
SM_V9_7 iris    exon    12810840        12810983        .       -
        .       Parent=Smp_134470.1;Name=abb244c7-d073-4f6b-
ac4e-5e980a3424b1
SM_V9_7 iris    exon    12828498        12828775        .       -
        .       Parent=Smp_134470.1;Name=a32f669c-ca41-4242-
b1ee-4413dde8f36f
SM_V9_7 iris    exon    12916581        12916851        .       -
        .       Parent=Smp_134470.1;Name=73e2c555-c0b7-4aaf-
b42e-472f4d0ba062
SM_V9_7 iris    CDS     12779513        12779574        .       -
        2       Parent=Smp_134470.1
SM_V9_7 iris    CDS     12781873        12782020        .       -
        0       Parent=Smp_134470.1
SM_V9_7 iris    CDS     12783389        12783492        .       -
        2       Parent=Smp_134470.1
SM_V9_7 iris    CDS     12810840        12810983        .       -
        2       Parent=Smp_134470.1
SM_V9_7 iris    CDS     12828498        12828534        .       -
        0       Parent=Smp_134470.1
SM_V9_7 Liftoff gene    12927894        12949557        .       +
        .       ID=Smp_022960;geneID=Smp_022960
SM_V9_7 Liftoff mRNA    12927894        12949557        .       +
        .
ID=Smp_022960.1;Parent=Smp_022960;geneID=Smp_022960;product=Aldehyde
dehydrogenase,
mitochondrial;polypeptide_domain=InterPro:IPR015590,IPR016160,IPR016
161,IPR016162,IPR029510
Pfam:PF00171;Ontology_term=GO:0008152,GO:0016491,GO:0055114
SM_V9_7 Liftoff exon    12927894        12928686        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12928729        12928833        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12929754        12929894        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12930765        12930844        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12934763        12935041        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12940244        12940422        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12942589        12942764        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12944071        12944244        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12946118        12946275        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12947273        12947387        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff exon    12949373        12949557        .       +
        .       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12928567        12928686        .       +
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        0       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12928729        12928833        .       +
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SM_V9_7 Liftoff CDS     12929754        12929894        .       +
        0       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12930765        12930844        .       +
        0       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12934763        12935041        .       +
        1       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12940244        12940422        .       +
        1       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12942589        12942764        .       +
        2       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12944071        12944244        .       +
        0       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12946118        12946275        .       +
        0       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12947273        12947387        .       +
        1       Parent=Smp_022960.1
SM_V9_7 Liftoff CDS     12949373        12949405        .       +
        0       Parent=Smp_022960.1
SM_V9_7 Liftoff gene    12958834        12977689        .       +
        .       ID=Smp_166660;geneID=Smp_166660
SM_V9_7 Liftoff mRNA    12958834        12977689        .       +
        .
ID=Smp_166660.1;Parent=Smp_166660;geneID=Smp_166660;product=Alpha-
tubulin N-
acetyltransferase;polypeptide_domain=InterPro:IPR007965,IPR016181
Pfam:PF05301;Ontology_term=GO:0005874,GO:0019799,GO:0071929
SM_V9_7 Liftoff exon    12958834        12959203        .       +
        .       Parent=Smp_166660.1
SM_V9_7 Liftoff exon    12959236        12959395        .       +
        .       Parent=Smp_166660.1
SM_V9_7 Liftoff exon    12968598        12969130        .       +
        .       Parent=Smp_166660.1
SM_V9_7 Liftoff exon    12973585        12977689        .       +
        .       Parent=Smp_166660.1
SM_V9_7 Liftoff CDS     12959118        12959203        .       +
        0       Parent=Smp_166660.1
SM_V9_7 Liftoff CDS     12959236        12959395        .       +
        1       Parent=Smp_166660.1
SM_V9_7 Liftoff CDS     12968598        12969130        .       +
        0       Parent=Smp_166660.1
SM_V9_7 Liftoff CDS     12973585        12973735        .       +
        1       Parent=Smp_166660.1
SM_V9_7 Liftoff mRNA    12958834        12977689        .       +
        .
ID=Smp_166660.2;Parent=Smp_166660;geneID=Smp_166660;product=Alpha-
tubulin N-acetyltransferase;polypeptide_domain=InterPro:IPR007965
Pfam:PF05301;Ontology_term=GO:0005874,GO:0019799,GO:0071929
SM_V9_7 Liftoff exon    12958834        12959395        .       +
        .       Parent=Smp_166660.2
SM_V9_7 Liftoff exon    12968598        12969130        .       +
        .       Parent=Smp_166660.2
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SM_V9_7 Liftoff exon    12973585        12977689        .       +
        .       Parent=Smp_166660.2
SM_V9_7 Liftoff CDS     12959387        12959395        .       +
        0       Parent=Smp_166660.2
SM_V9_7 Liftoff CDS     12968598        12969130        .       +
        0       Parent=Smp_166660.2
SM_V9_7 Liftoff CDS     12973585        12973735        .       +
        1       Parent=Smp_166660.2
SM_V9_7 Liftoff gene    12996692        13070270        .       -
        .       ID=Smp_082360;geneID=Smp_082360
SM_V9_7 Liftoff mRNA    12996692        13070270        .       -
        .
ID=Smp_082360.1;Parent=Smp_082360;geneID=Smp_082360;product=Hypothet
ical protein
SM_V9_7 Liftoff exon    12996692        12998880        .       -
        .       Parent=Smp_082360.1
SM_V9_7 Liftoff exon    13004509        13005162        .       -
        .       Parent=Smp_082360.1
SM_V9_7 Liftoff exon    13006763        13007597        .       -
        .       Parent=Smp_082360.1
SM_V9_7 Liftoff exon    13020551        13021050        .       -
        .       Parent=Smp_082360.1
SM_V9_7 Liftoff exon    13031141        13031539        .       -
        .       Parent=Smp_082360.1
SM_V9_7 Liftoff exon    13044729        13070270        .       -
        .       Parent=Smp_082360.1
SM_V9_7 Liftoff CDS     12998465        12998880        .       -
        2       Parent=Smp_082360.1
SM_V9_7 Liftoff CDS     13004509        13005162        .       -
        2       Parent=Smp_082360.1
SM_V9_7 Liftoff CDS     13006763        13007597        .       -
        0       Parent=Smp_082360.1
SM_V9_7 Liftoff CDS     13020551        13021050        .       -
        2       Parent=Smp_082360.1
SM_V9_7 Liftoff CDS     13031141        13031539        .       -
        2       Parent=Smp_082360.1
SM_V9_7 Liftoff CDS     13044729        13044945        .       -
        0       Parent=Smp_082360.1
SM_V9_7 Liftoff gene    13077153        13105492        .       +
        .       ID=Smp_082370;geneID=Smp_082370
SM_V9_7 Liftoff mRNA    13077153        13105492        .       +
        .
ID=Smp_082370.1;Parent=Smp_082370;geneID=Smp_082370;product=NAD(P)
transhydrogenase,
mitochondrial;polypeptide_domain=InterPro:IPR007698,IPR007886,IPR008
143,IPR016040,IPR024605,IPR026255,IPR029035,IPR034300
Pfam:PF01262,PF02233,PF05222,PF12769;Ontology_term=GO:0008746,GO:001
5992,GO:0016491,GO:0055114
SM_V9_7 Liftoff exon    13077153        13077428        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13079763        13080026        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13081235        13081400        .       +
        .       Parent=Smp_082370.1
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SM_V9_7 Liftoff exon    13082792        13082979        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13084959        13085114        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13085432        13085645        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13086702        13086769        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13089093        13089348        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13091135        13091554        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13092833        13093016        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13095651        13095832        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13097476        13097673        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13098407        13098643        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13100669        13100848        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13102136        13102347        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff exon    13105058        13105492        .       +
        .       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13077225        13077428        .       +
        0       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13079763        13080026        .       +
        0       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13081235        13081400        .       +
        0       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13082792        13082979        .       +
        2       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13084959        13085114        .       +
        0       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13085432        13085645        .       +
        0       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13086702        13086769        .       +
        2       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13089093        13089348        .       +
        0       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13091135        13091554        .       +
        2       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13092833        13093016        .       +
        2       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13095651        13095832        .       +
        1       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13097476        13097673        .       +
        2       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13098407        13098643        .       +
        2       Parent=Smp_082370.1
SM_V9_7 Liftoff CDS     13100669        13100848        .       +
        2       Parent=Smp_082370.1
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SM_V9_7 Liftoff CDS     13102136        13102347        .       +
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SM_V9_7 Liftoff CDS     13105058        13105201        .       +
        0       Parent=Smp_082370.1
SM_V9_7 Liftoff gene    13110663        13121242        .       +
        .
ID=Smp_345660;geneID=Smp_345660;previous_systematic_id=Smp_166670
SM_V9_7 Liftoff mRNA    13110663        13121242        .       +
        .
ID=Smp_345660.1;Parent=Smp_345660;geneID=Smp_345660;product=Holliday
junction ATP-dependent DNA helicase RuvA
SM_V9_7 Liftoff exon    13110663        13111075        .       +
        .       Parent=Smp_345660.1
SM_V9_7 Liftoff exon    13113565        13113664        .       +
        .       Parent=Smp_345660.1
SM_V9_7 Liftoff exon    13115614        13115726        .       +
        .       Parent=Smp_345660.1
SM_V9_7 Liftoff exon    13118117        13118286        .       +
        .       Parent=Smp_345660.1
SM_V9_7 Liftoff exon    13121040        13121242        .       +
        .       Parent=Smp_345660.1
SM_V9_7 Liftoff CDS     13111025        13111075        .       +
        0       Parent=Smp_345660.1
SM_V9_7 Liftoff CDS     13113565        13113664        .       +
        0       Parent=Smp_345660.1
SM_V9_7 Liftoff CDS     13115614        13115726        .       +
        2       Parent=Smp_345660.1
SM_V9_7 Liftoff CDS     13118117        13118286        .       +
        0       Parent=Smp_345660.1
SM_V9_7 Liftoff CDS     13121040        13121172        .       +
        1       Parent=Smp_345660.1
SM_V9_7 Liftoff gene    13122736        13140769        .       -
        .       ID=Smp_166680;geneID=Smp_166680
SM_V9_7 Liftoff mRNA    13122736        13140769        .       -
        .
ID=Smp_166680.1;Parent=Smp_166680;geneID=Smp_166680;product=Sorting
and assembly machinery component 50
homolog;polypeptide_domain=InterPro:IPR000184
Pfam:PF01103;Ontology_term=GO:0019867
SM_V9_7 Liftoff exon    13122736        13123238        .       -
        .       Parent=Smp_166680.1
SM_V9_7 Liftoff exon    13124311        13124620        .       -
        .       Parent=Smp_166680.1
SM_V9_7 Liftoff exon    13129064        13129202        .       -
        .       Parent=Smp_166680.1
SM_V9_7 Liftoff exon    13131185        13131383        .       -
        .       Parent=Smp_166680.1
SM_V9_7 Liftoff exon    13136673        13136872        .       -
        .       Parent=Smp_166680.1
SM_V9_7 Liftoff exon    13139180        13139349        .       -
        .       Parent=Smp_166680.1
SM_V9_7 Liftoff exon    13140208        13140357        .       -
        .       Parent=Smp_166680.1
SM_V9_7 Liftoff exon    13140397        13140769        .       -
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        .       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13122988        13123238        .       -
        2       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13124311        13124620        .       -
        0       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13129064        13129202        .       -
        1       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13131185        13131383        .       -
        2       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13136673        13136872        .       -
        1       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13139180        13139349        .       -
        0       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13140208        13140357        .       -
        0       Parent=Smp_166680.1
SM_V9_7 Liftoff CDS     13140397        13140501        .       -
        0       Parent=Smp_166680.1
SM_V9_7 iris    gene    13147623        13154515        .       +
        .
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@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    13147623        13154515        .       +
        .
ID=Smp_166690.1;Parent=Smp_166690;geneID=Smp_166690;gene_name=Smp_16
6690;owner=irisadmin@local.host;orig_id=Smp_166690.2;date_last_modif
ied=2022-08-18;Name=Smp_166690.1;product=NAD-dependent malic
enzyme;date_creation=2022-08-18
SM_V9_7 iris    exon    13147623        13147694        .       +
        .       Parent=Smp_166690.1;Name=b750c2a9-98ab-45ae-
b27b-9d057581d0d0
SM_V9_7 iris    exon    13148238        13148306        .       +
        .       Parent=Smp_166690.1;Name=21aa0ae0-a42f-41a9-
bc10-34864265eece
SM_V9_7 iris    exon    13149053        13149334        .       +
        .       Parent=Smp_166690.1;Name=c82a0295-68a4-45a8-
b2f5-6a23c307e484
SM_V9_7 iris    exon    13149619        13149876        .       +
        .       Parent=Smp_166690.1;Name=5bda13f6-
d09b-48ca-9356-5d455136ad38
SM_V9_7 iris    exon    13151367        13151420        .       +
        .
Parent=Smp_166690.1;Name=e27a9656-7897-4c2d-8b0e-9182bf2ce581
SM_V9_7 iris    exon    13151563        13151613        .       +
        .       Parent=Smp_166690.1;Name=56093d89-988e-43ac-
bdc3-52d31a1a9431
SM_V9_7 iris    exon    13152703        13152753        .       +
        .       Parent=Smp_166690.1;Name=a6b4be1f-
e7f7-4ea6-9108-04a10a9c9ce3
SM_V9_7 iris    exon    13153443        13153561        .       +
        .       Parent=Smp_166690.1;Name=752fe1db-fa98-4ef9-
a8c6-9a66efc79b7c
SM_V9_7 iris    exon    13154343        13154515        .       +
        .       Parent=Smp_166690.1;Name=14249b8f-1be5-49ae-82c7-
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SM_V9_7 iris    CDS     13147646        13147694        .       +
        0       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13148238        13148306        .       +
        2       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13149053        13149334        .       +
        2       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13149619        13149876        .       +
        2       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13151367        13151420        .       +
        2       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13151563        13151613        .       +
        2       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13152703        13152753        .       +
        2       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13153443        13153561        .       +
        2       Parent=Smp_166690.1
SM_V9_7 iris    CDS     13154343        13154372        .       +
        0       Parent=Smp_166690.1
SM_V9_7 Liftoff gene    13180743        13189340        .       +
        .
ID=Smp_337820;geneID=Smp_337820;previous_systematic_id=Smp_166710
SM_V9_7 Liftoff mRNA    13180743        13189340        .       +
        .
ID=Smp_337820.1;Parent=Smp_337820;geneID=Smp_337820;product=UPF0246
protein RSc2009
SM_V9_7 Liftoff exon    13180743        13180813        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff exon    13181485        13181553        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff exon    13182427        13182702        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff exon    13182992        13183252        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff exon    13184739        13184792        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff exon    13188333        13188433        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff exon    13188681        13188728        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff exon    13189139        13189340        .       +
        .       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13180765        13180813        .       +
        0       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13181485        13181553        .       +
        2       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13182427        13182702        .       +
        2       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13182992        13183252        .       +
        2       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13184739        13184792        .       +
        2       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13188333        13188433        .       +
        2       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13188681        13188728        .       +
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        0       Parent=Smp_337820.1
SM_V9_7 Liftoff CDS     13189139        13189150        .       +
        0       Parent=Smp_337820.1
SM_V9_7 iris    gene    13205645        13242346        .       +
        .
ID=Smp_332340;geneID=Smp_332340;gene_name=Smp_332340;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    13205645        13242346        .       +
        .
ID=Smp_332340.1;Parent=Smp_332340;geneID=Smp_332340;gene_name=Smp_33
2340;owner=irisadmin@local.host;orig_id=Smp_332340.1;date_last_modif
ied=2022-07-16;Name=Smp_332340.1;product=Oligoribonuclease;date_crea
tion=2022-07-16
SM_V9_7 iris    exon    13205645        13205715        .       +
        .       Parent=Smp_332340.1;Name=3ab5b1ec-25c8-4843-
a379-0bf2f0b1d69d
SM_V9_7 iris    exon    13206387        13206455        .       +
        .
Parent=Smp_332340.1;Name=ab000fe6-1b10-422a-9da9-70d159a6c856
SM_V9_7 iris    exon    13207304        13207579        .       +
        .       Parent=Smp_332340.1;Name=ca823940-1576-4aa3-
a8ea-1ac7fa0f8880
SM_V9_7 iris    exon    13207869        13208129        .       +
        .       Parent=Smp_332340.1;Name=6d167190-c409-4cb6-b9ff-
c517c8d0e694
SM_V9_7 iris    exon    13209590        13209643        .       +
        .       Parent=Smp_332340.1;Name=69330c78-10ec-43b3-
ba95-3beb05b6f2f8
SM_V9_7 iris    exon    13210179        13210229        .       +
        .       Parent=Smp_332340.1;Name=5eb55ae4-d10c-43b4-8cf9-
dfed2b037024
SM_V9_7 iris    exon    13216425        13216472        .       +
        .       Parent=Smp_332340.1;Name=e2aa3c7e-
efe8-4a13-9692-0a1eca43b0eb
SM_V9_7 iris    exon    13218392        13218439        .       +
        .
Parent=Smp_332340.1;Name=a9cb6c73-03f8-40e7-961a-4a6c7ddf9a6d
SM_V9_7 iris    exon    13220359        13220406        .       +
        .       Parent=Smp_332340.1;Name=9a930b6e-80ab-4a7f-aa9b-
afce2510acdc
SM_V9_7 iris    exon    13222326        13222373        .       +
        .       Parent=Smp_332340.1;Name=1f8446f4-7362-4aba-a83b-
b4161eaa32ae
SM_V9_7 iris    exon    13224293        13224340        .       +
        .       Parent=Smp_332340.1;Name=9d455435-26a9-4fee-90c1-
ec35285ea058
SM_V9_7 iris    exon    13226260        13226307        .       +
        .       Parent=Smp_332340.1;Name=0a9de555-f1fe-402d-9372-
c2c64bfb5283
SM_V9_7 iris    exon    13228226        13228273        .       +
        .       Parent=Smp_332340.1;Name=10584adc-d9c8-4f2d-
bf7f-28680774bc42
SM_V9_7 iris    exon    13230193        13230240        .       +
        .       Parent=Smp_332340.1;Name=75566586-6089-4884-97e4-
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bbec83b0ea22
SM_V9_7 iris    exon    13232160        13232207        .       +
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a259-66feba2b565e
SM_V9_7 iris    exon    13234127        13234174        .       +
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Parent=Smp_332340.1;Name=4d020240-9c09-49de-8af1-83ceb2c997de
SM_V9_7 iris    exon    13236094        13236141        .       +
        .       Parent=Smp_332340.1;Name=f76a2205-9c64-4313-be71-
bd740214445f
SM_V9_7 iris    exon    13238061        13238108        .       +
        .       Parent=Smp_332340.1;Name=865e2923-dae8-42d7-a71e-
e4d8c948f48e
SM_V9_7 iris    exon    13240028        13240075        .       +
        .
Parent=Smp_332340.1;Name=2b5a2646-00e4-4b83-89c5-9691abecb4a8
SM_V9_7 iris    exon    13241393        13241440        .       +
        .
Parent=Smp_332340.1;Name=e69e6b88-392a-4c4d-92ae-86c4f4f16611
SM_V9_7 iris    exon    13242172        13242346        .       +
        .
Parent=Smp_332340.1;Name=144581da-244f-4f81-841f-73876b1020af
SM_V9_7 iris    CDS     13205667        13205715        .       +
        0       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13206387        13206455        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13207304        13207579        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13207869        13208129        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13209590        13209643        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13210179        13210229        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13216425        13216472        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13218392        13218439        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13220359        13220406        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13222326        13222373        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13224293        13224340        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13226260        13226307        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13228226        13228273        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13230193        13230240        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13232160        13232207        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13234127        13234174        .       +
        2       Parent=Smp_332340.1
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SM_V9_7 iris    CDS     13236094        13236141        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13238061        13238108        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13240028        13240075        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13241393        13241440        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    CDS     13242172        13242251        .       +
        2       Parent=Smp_332340.1
SM_V9_7 iris    gene    13266141        13273882        .       +
        .
ID=Smp_318340;geneID=Smp_318340;gene_name=Smp_318340;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    13266141        13273882        .       +
        .
ID=Smp_318340.1;Parent=Smp_318340;geneID=Smp_318340;gene_name=Smp_31
8340;owner=irisadmin@local.host;orig_id=Smp_318340.1;date_last_modif
ied=2022-11-13;Name=Smp_318340.1;product=Haloalkane
dehalogenase;date_creation=2022-08-18
SM_V9_7 iris    exon    13266141        13266237        .       +
        .       Parent=Smp_318340.1;Name=39632062-52b2-49d0-
b325-9008d806dcc8
SM_V9_7 iris    exon    13266878        13266946        .       +
        .       Parent=Smp_318340.1;Name=096d98d8-f10e-4c78-90ca-
df5a266ae57d
SM_V9_7 iris    exon    13268192        13268467        .       +
        .       Parent=Smp_318340.1;Name=03f8a593-d0dc-4ce6-
b330-5a0eaf2522bb
SM_V9_7 iris    exon    13268758        13269016        .       +
        .       Parent=Smp_318340.1;Name=c61a390e-e704-4487-bca5-
d64db431f193
SM_V9_7 iris    exon    13270375        13270430        .       +
        .       Parent=Smp_318340.1;Name=789544d3-1f90-44ec-
b28e-679b29780014
SM_V9_7 iris    exon    13273251        13273882        .       +
        .       Parent=Smp_318340.1;Name=157a1756-e879-40b8-
a268-1f37f0fc4692
SM_V9_7 iris    CDS     13266189        13266237        .       +
        0       Parent=Smp_318340.1
SM_V9_7 iris    CDS     13266878        13266946        .       +
        2       Parent=Smp_318340.1
SM_V9_7 iris    CDS     13268192        13268467        .       +
        2       Parent=Smp_318340.1
SM_V9_7 iris    CDS     13268758        13269016        .       +
        2       Parent=Smp_318340.1
SM_V9_7 iris    CDS     13270375        13270378        .       +
        1       Parent=Smp_318340.1
SM_V9_7 iris    gene    13295028        13310968        .       +
        .
ID=Smp_318350;geneID=Smp_318350;gene_name=Smp_318350;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    13295028        13310968        .       +
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ID=Smp_318350.1;Parent=Smp_318350;geneID=Smp_318350;gene_name=Smp_31
8350;owner=irisadmin@local.host;orig_id=Smp_318350.1;date_last_modif
ied=2022-07-16;Name=Smp_318350.1;product=Haloalkane
dehalogenase;date_creation=2022-07-16
SM_V9_7 iris    exon    13295028        13295121        .       +
        .       Parent=Smp_318350.1;Name=afffb8eb-d767-4a6a-
ba98-1bda1c999432
SM_V9_7 iris    exon    13295762        13295830        .       +
        .       Parent=Smp_318350.1;Name=80497353-edd0-4471-
a7bd-49cdb0260062
SM_V9_7 iris    exon    13297076        13297351        .       +
        .       Parent=Smp_318350.1;Name=de9cff3d-1026-4be6-
b276-90770d6843b5
SM_V9_7 iris    exon    13297642        13297902        .       +
        .       Parent=Smp_318350.1;Name=793b5d18-01af-4588-bb9c-
a4044f93c6c1
SM_V9_7 iris    exon    13299260        13299313        .       +
        .       Parent=Smp_318350.1;Name=476d3a89-980f-473f-
afc4-9c70d5ae9729
SM_V9_7 iris    exon    13299903        13299950        .       +
        .       Parent=Smp_318350.1;Name=9325b30a-101e-44b4-
ba28-42220b6f9068
SM_V9_7 iris    exon    13301382        13301432        .       +
        .
Parent=Smp_318350.1;Name=43779eb4-49a9-407a-9341-39529f897ece
SM_V9_7 iris    exon    13302623        13302670        .       +
        .       Parent=Smp_318350.1;Name=deb7c4a1-a6b2-45a5-
be0a-3bde44886a2a
SM_V9_7 iris    exon    13304102        13304152        .       +
        .       Parent=Smp_318350.1;Name=e02d667d-7408-402b-b230-
e0aec1f92120
SM_V9_7 iris    exon    13305343        13305390        .       +
        .
Parent=Smp_318350.1;Name=d6d9e108-9938-4863-8cc2-4497fd1a79a0
SM_V9_7 iris    exon    13306822        13306872        .       +
        .       Parent=Smp_318350.1;Name=f51ed630-
c479-4a9c-8917-81c4fbbb1eb8
SM_V9_7 iris    exon    13308063        13308110        .       +
        .       Parent=Smp_318350.1;Name=3c0ea9ca-afdc-47fc-
a9c5-807d486581bd
SM_V9_7 iris    exon    13309990        13310037        .       +
        .
Parent=Smp_318350.1;Name=3a523708-9640-4df8-9476-1a364d3fd44a
SM_V9_7 iris    exon    13310800        13310968        .       +
        .       Parent=Smp_318350.1;Name=1c9a43fe-a993-4fd2-bc02-
cacc18a8779e
SM_V9_7 iris    CDS     13295073        13295121        .       +
        0       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13295762        13295830        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13297076        13297351        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13297642        13297902        .       +
        2       Parent=Smp_318350.1
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SM_V9_7 iris    CDS     13299260        13299313        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13299903        13299950        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13301382        13301432        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13302623        13302670        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13304102        13304152        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13305343        13305390        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13306822        13306872        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13308063        13308110        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13309990        13310037        .       +
        2       Parent=Smp_318350.1
SM_V9_7 iris    CDS     13310800        13310879        .       +
        2       Parent=Smp_318350.1
SM_V9_7 Liftoff gene    13342671        13347125        .       +
        .       ID=Smp_166720;geneID=Smp_166720
SM_V9_7 Liftoff mRNA    13342671        13347125        .       +
        .
ID=Smp_166720.1;Parent=Smp_166720;geneID=Smp_166720;product=Maltose/
maltodextrin import ATP-binding protein MalK
SM_V9_7 Liftoff exon    13342671        13342857        .       +
        .       Parent=Smp_166720.1
SM_V9_7 Liftoff exon    13345455        13345853        .       +
        .       Parent=Smp_166720.1
SM_V9_7 Liftoff exon    13346145        13346197        .       +
        .       Parent=Smp_166720.1
SM_V9_7 Liftoff exon    13347000        13347125        .       +
        .       Parent=Smp_166720.1
SM_V9_7 Liftoff CDS     13342671        13342857        .       +
        0       Parent=Smp_166720.1
SM_V9_7 Liftoff CDS     13345455        13345853        .       +
        2       Parent=Smp_166720.1
SM_V9_7 Liftoff CDS     13346145        13346197        .       +
        2       Parent=Smp_166720.1
SM_V9_7 Liftoff CDS     13347000        13347125        .       +
        0       Parent=Smp_166720.1
SM_V9_7 Liftoff gene    13390681        13392955        .       +
        .       ID=Smp_166730;geneID=Smp_166730
SM_V9_7 Liftoff mRNA    13390681        13392955        .       +
        .
ID=Smp_166730.1;Parent=Smp_166730;geneID=Smp_166730;product=4-
dihydromethyl-trisporate dehydrogenase
SM_V9_7 Liftoff exon    13390681        13391195        .       +
        .       Parent=Smp_166730.1
SM_V9_7 Liftoff exon    13391920        13392195        .       +
        .       Parent=Smp_166730.1
SM_V9_7 Liftoff exon    13392480        13392955        .       +
        .       Parent=Smp_166730.1
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SM_V9_7 Liftoff CDS     13391186        13391195        .       +
        0       Parent=Smp_166730.1
SM_V9_7 Liftoff CDS     13391920        13392195        .       +
        2       Parent=Smp_166730.1
SM_V9_7 Liftoff CDS     13392480        13392889        .       +
        2       Parent=Smp_166730.1
SM_V9_7 Liftoff gene    13444115        13447247        .       +
        .       ID=Smp_337810;geneID=Smp_337810
SM_V9_7 Liftoff mRNA    13444115        13447247        .       +
        .
ID=Smp_337810.1;Parent=Smp_337810;geneID=Smp_337810;product=4-
dihydromethyl-trisporate dehydrogenase
SM_V9_7 Liftoff exon    13444115        13444345        .       +
        .       Parent=Smp_337810.1
SM_V9_7 Liftoff exon    13444770        13444838        .       +
        .       Parent=Smp_337810.1
SM_V9_7 Liftoff exon    13446168        13446443        .       +
        .       Parent=Smp_337810.1
SM_V9_7 Liftoff exon    13446728        13447247        .       +
        .       Parent=Smp_337810.1
SM_V9_7 Liftoff CDS     13444297        13444345        .       +
        0       Parent=Smp_337810.1
SM_V9_7 Liftoff CDS     13444770        13444838        .       +
        2       Parent=Smp_337810.1
SM_V9_7 Liftoff CDS     13446168        13446443        .       +
        2       Parent=Smp_337810.1
SM_V9_7 Liftoff CDS     13446728        13447137        .       +
        2       Parent=Smp_337810.1
SM_V9_7 Liftoff gene    13473464        13485530        .       +
        .       ID=Smp_166740;geneID=Smp_166740
SM_V9_7 Liftoff mRNA    13473464        13485530        .       +
        .
ID=Smp_166740.1;Parent=Smp_166740;geneID=Smp_166740;product=4-
hydroxycoumarin synthase 2
SM_V9_7 Liftoff exon    13473464        13473541        .       +
        .       Parent=Smp_166740.1
SM_V9_7 Liftoff exon    13474453        13474542        .       +
        .       Parent=Smp_166740.1
SM_V9_7 Liftoff exon    13485486        13485530        .       +
        .       Parent=Smp_166740.1
SM_V9_7 Liftoff CDS     13473464        13473541        .       +
        0       Parent=Smp_166740.1
SM_V9_7 Liftoff CDS     13474453        13474542        .       +
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SM_V9_7 Liftoff CDS     13485486        13485530        .       +
        0       Parent=Smp_166740.1
SM_V9_7 Liftoff gene    13486725        13490145        .       +
        .       ID=Smp_166750;geneID=Smp_166750
SM_V9_7 Liftoff mRNA    13486725        13490145        .       +
        .
ID=Smp_166750.1;Parent=Smp_166750;geneID=Smp_166750;product=Bifuncti
onal uridylyltransferase/uridylyl-removing enzyme
SM_V9_7 Liftoff exon    13486725        13486730        .       +
        .       Parent=Smp_166750.1
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SM_V9_7 Liftoff exon    13489999        13490145        .       +
        .       Parent=Smp_166750.1
SM_V9_7 Liftoff CDS     13486725        13486730        .       +
        0       Parent=Smp_166750.1
SM_V9_7 Liftoff CDS     13489999        13490145        .       +
        0       Parent=Smp_166750.1
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        .       ID=Smp_318370;geneID=Smp_318370
SM_V9_7 Liftoff mRNA    13490381        13494236        .       +
        .
ID=Smp_318370.1;Parent=Smp_318370;geneID=Smp_318370;product=Spermidi
ne/putrescine import ATP-binding protein PotA
SM_V9_7 Liftoff exon    13490381        13490423        .       +
        .       Parent=Smp_318370.1
SM_V9_7 Liftoff exon    13490848        13490916        .       +
        .       Parent=Smp_318370.1
SM_V9_7 Liftoff exon    13492495        13492770        .       +
        .       Parent=Smp_318370.1
SM_V9_7 Liftoff exon    13493055        13494236        .       +
        .       Parent=Smp_318370.1
SM_V9_7 Liftoff CDS     13490417        13490423        .       +
        0       Parent=Smp_318370.1
SM_V9_7 Liftoff CDS     13490848        13490916        .       +
        2       Parent=Smp_318370.1
SM_V9_7 Liftoff CDS     13492495        13492770        .       +
        2       Parent=Smp_318370.1
SM_V9_7 Liftoff CDS     13493055        13493359        .       +
        2       Parent=Smp_318370.1
SM_V9_7 Liftoff gene    13595581        13615964        .       +
        .
ID=Smp_341850;geneID=Smp_341850;previous_systematic_id=Smp_121240
SM_V9_7 Liftoff mRNA    13595581        13615964        .       +
        .
ID=Smp_341850.1;Parent=Smp_341850;geneID=Smp_341850;product=D(1B)
dopamine receptor
SM_V9_7 Liftoff exon    13595581        13595646        .       +
        .       Parent=Smp_341850.1
SM_V9_7 Liftoff exon    13596234        13596302        .       +
        .       Parent=Smp_341850.1
SM_V9_7 Liftoff exon    13597663        13597938        .       +
        .       Parent=Smp_341850.1
SM_V9_7 Liftoff exon    13603063        13603323        .       +
        .       Parent=Smp_341850.1
SM_V9_7 Liftoff exon    13605903        13605971        .       +
        .       Parent=Smp_341850.1
SM_V9_7 Liftoff exon    13607332        13615964        .       +
        .       Parent=Smp_341850.1
SM_V9_7 Liftoff CDS     13595637        13595646        .       +
        0       Parent=Smp_341850.1
SM_V9_7 Liftoff CDS     13596234        13596302        .       +
        2       Parent=Smp_341850.1
SM_V9_7 Liftoff CDS     13597663        13597938        .       +
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SM_V9_7 Liftoff CDS     13603063        13603323        .       +
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        2       Parent=Smp_341850.1
SM_V9_7 Liftoff CDS     13605903        13605971        .       +
        2       Parent=Smp_341850.1
SM_V9_7 Liftoff CDS     13607332        13607465        .       +
        2       Parent=Smp_341850.1
SM_V9_7 Liftoff mRNA    13595581        13615964        .       +
        .
ID=Smp_341850.2;Parent=Smp_341850;geneID=Smp_341850;product=D(1B)
dopamine receptor
SM_V9_7 Liftoff exon    13595581        13595646        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13596234        13596302        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13597663        13597938        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13598228        13598266        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13601069        13601137        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13602498        13602773        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13603063        13603323        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13605903        13605971        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff exon    13607332        13615964        .       +
        .       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13595637        13595646        .       +
        0       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13596234        13596302        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13597663        13597938        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13598228        13598266        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13601069        13601137        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13602498        13602773        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13603063        13603323        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13605903        13605971        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff CDS     13607332        13607465        .       +
        2       Parent=Smp_341850.2
SM_V9_7 Liftoff mRNA    13595581        13615964        .       +
        .
ID=Smp_341850.3;Parent=Smp_341850;geneID=Smp_341850;product=Malate
dehydrogenase
SM_V9_7 Liftoff exon    13595581        13595646        .       +
        .       Parent=Smp_341850.3
SM_V9_7 Liftoff exon    13596234        13596302        .       +
        .       Parent=Smp_341850.3
SM_V9_7 Liftoff exon    13597663        13597938        .       +
```

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        .       Parent=Smp_341850.3
SM_V9_7 Liftoff exon    13598228        13598266        .       +
        .       Parent=Smp_341850.3
SM_V9_7 Liftoff exon    13601069        13601137        .       +
        .       Parent=Smp_341850.3
SM_V9_7 Liftoff exon    13602498        13602773        .       +
        .       Parent=Smp_341850.3
SM_V9_7 Liftoff exon    13607896        13608214        .       +
        .       Parent=Smp_341850.3
SM_V9_7 Liftoff exon    13614352        13615964        .       +
        .       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13595637        13595646        .       +
        0       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13596234        13596302        .       +
        2       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13597663        13597938        .       +
        2       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13598228        13598266        .       +
        2       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13601069        13601137        .       +
        2       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13602498        13602773        .       +
        2       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13607896        13608214        .       +
        2       Parent=Smp_341850.3
SM_V9_7 Liftoff CDS     13614352        13614433        .       +
        1       Parent=Smp_341850.3
SM_V9_7 Liftoff gene    13620812        13622197        .       -
        .       ID=Smp_318380;geneID=Smp_318380
SM_V9_7 Liftoff mRNA    13620812        13622197        .       -
        .
ID=Smp_318380.1;Parent=Smp_318380;geneID=Smp_318380;product=Hypothet
ical protein
SM_V9_7 Liftoff exon    13620812        13621343        .       -
        .       Parent=Smp_318380.1
SM_V9_7 Liftoff exon    13622056        13622197        .       -
        .       Parent=Smp_318380.1
SM_V9_7 Liftoff CDS     13621031        13621343        .       -
        1       Parent=Smp_318380.1
SM_V9_7 Liftoff CDS     13622056        13622159        .       -
        0       Parent=Smp_318380.1
SM_V9_7 iris    gene    13707186        13717428        .       -
        .
ID=Smp_121230;geneID=Smp_121230;gene_name=Smp_121230;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-07-16
SM_V9_7 iris    mRNA    13707186        13717428        .       -
        .
ID=Smp_121230.1;Parent=Smp_121230;geneID=Smp_121230;gene_name=Smp_12
1230;owner=irisadmin@local.host;orig_id=Smp_121230.1;date_last_modif
ied=2022-08-18;Name=Smp_121230.1;product=UPF0173 metal-dependent
hydrolase MJ1163;date_creation=2022-07-16
SM_V9_7 iris    exon    13707186        13707688        .       -
        .       Parent=Smp_121230.1;Name=1a8ebc8e-c7ea-4385-b3d0-
b89adffaa29e
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SM_V9_7 iris    exon    13710175        13710426        .       -
        .
Parent=Smp_121230.1;Name=7b0284fa-4a5f-48a5-8d81-40c8a5394da0
SM_V9_7 iris    exon    13712266        13712544        .       -
        .       Parent=Smp_121230.1;Name=99152936-bcbf-4d22-9d7f-
e9d8c7b4b34e
SM_V9_7 iris    exon    13714427        13714489        .       -
        .       Parent=Smp_121230.1;Name=044ce315-9da2-44d9-bdaf-
f9f1ee46bce1
SM_V9_7 iris    exon    13717246        13717428        .       -
        .       Parent=Smp_121230.1;Name=564de86d-0d9c-4980-b434-
a93a48705f14
SM_V9_7 iris    CDS     13707672        13707688        .       -
        2       Parent=Smp_121230.1
SM_V9_7 iris    CDS     13710175        13710426        .       -
        2       Parent=Smp_121230.1
SM_V9_7 iris    CDS     13712266        13712544        .       -
        2       Parent=Smp_121230.1
SM_V9_7 iris    CDS     13714427        13714489        .       -
        2       Parent=Smp_121230.1
SM_V9_7 iris    CDS     13717246        13717300        .       -
        0       Parent=Smp_121230.1
SM_V9_7 iris    gene    13732384        13764849        .       +
        .
ID=Smp_300940;geneID=Smp_300940;gene_name=Smp_300940;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    13732384        13764849        .       +
        .
ID=Smp_300940.1;Parent=Smp_300940;geneID=Smp_300940;gene_name=Smp_30
0940;owner=irisadmin@local.host;orig_id=Smp_300940.1;date_last_modif
ied=2022-07-16;Name=Smp_300940.1;product=Nostrin;date_creation=2022-
07-16
SM_V9_7 iris    exon    13732384        13732458        .       +
        .
Parent=Smp_300940.1;Name=a12fb1d4-4b88-441c-8e42-14f630a54f55
SM_V9_7 iris    exon    13733149        13733234        .       +
        .       Parent=Smp_300940.1;Name=a37db4e0-7f22-40de-
b309-3a8cbe8a0135
SM_V9_7 iris    exon    13735188        13735271        .       +
        .       Parent=Smp_300940.1;Name=98db6f10-de43-42bc-9dc0-
a2fa79215270
SM_V9_7 iris    exon    13739953        13740097        .       +
        .       Parent=Smp_300940.1;Name=5d520370-
af5e-4293-9c0c-03f35a5b1425
SM_V9_7 iris    exon    13742873        13743394        .       +
        .       Parent=Smp_300940.1;Name=64ac40f1-a482-49dd-
b581-97e7de81bdb4
SM_V9_7 iris    exon    13744309        13744404        .       +
        .       Parent=Smp_300940.1;Name=b89f6666-60fb-4248-97b8-
e59f2ba6c18c
SM_V9_7 iris    exon    13747592        13747717        .       +
        .       Parent=Smp_300940.1;Name=d2b82368-121e-440b-af0c-
ea16b543b680
SM_V9_7 iris    exon    13750069        13750366        .       +
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        .       Parent=Smp_300940.1;Name=0af2db92-
bbff-4419-9b82-819f031bc1af
SM_V9_7 iris    exon    13753689        13753901        .       +
        .       Parent=Smp_300940.1;Name=912a82df-1f08-4f80-b173-
c2809d7aa488
SM_V9_7 iris    exon    13756580        13757017        .       +
        .       Parent=Smp_300940.1;Name=4aea9369-d692-42ee-
ba2b-6daf7149fa98
SM_V9_7 iris    exon    13759025        13759779        .       +
        .       Parent=Smp_300940.1;Name=05656ee0-c07e-441d-9257-
b42209ad9b83
SM_V9_7 iris    exon    13761270        13761675        .       +
        .       Parent=Smp_300940.1;Name=3a92acb8-ba1b-436e-
ac4c-5e9044461ae6
SM_V9_7 iris    exon    13763138        13764849        .       +
        .
Parent=Smp_300940.1;Name=97edc11d-2de5-44aa-9ebc-6319ec08fd5e
SM_V9_7 iris    CDS     13732423        13732458        .       +
        0       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13733149        13733234        .       +
        0       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13735188        13735271        .       +
        1       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13739953        13740097        .       +
        1       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13742873        13743394        .       +
        0       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13744309        13744404        .       +
        0       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13747592        13747717        .       +
        0       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13750069        13750366        .       +
        0       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13753689        13753901        .       +
        2       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13756580        13757017        .       +
        2       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13759025        13759779        .       +
        2       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13761270        13761675        .       +
        0       Parent=Smp_300940.1
SM_V9_7 iris    CDS     13763138        13763241        .       +
        2       Parent=Smp_300940.1
SM_V9_7 Liftoff gene    13767956        13875739        .       -
        .       ID=Smp_125440;geneID=Smp_125440
SM_V9_7 Liftoff mRNA    13767956        13875739        .       -
        .
ID=Smp_125440.1;Parent=Smp_125440;geneID=Smp_125440;product=FERM
domain-containing protein
5;polypeptide_domain=InterPro:IPR000299,IPR011993,IPR014352,IPR01897
9,IPR018980,IPR019748,IPR019749,IPR029071
Pfam:PF00373,PF09379,PF09380;Ontology_term=GO:0005856
SM_V9_7 Liftoff exon    13767956        13769849        .       -
        .       Parent=Smp_125440.1
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SM_V9_7 Liftoff exon    13784013        13784239        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13787648        13790229        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13793093        13793226        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13795235        13795310        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13800851        13800912        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13802646        13802723        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13803424        13803512        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13804941        13805004        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13807818        13807906        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13829189        13829276        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13830367        13830496        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13831336        13831433        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13832703        13832784        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13835772        13835814        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13837101        13837208        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13849374        13849641        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff exon    13875706        13875739        .       -
        .       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13769444        13769849        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13784013        13784239        .       -
        0       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13787648        13790229        .       -
        2       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13793093        13793226        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13795235        13795310        .       -
        2       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13800851        13800912        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13802646        13802723        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13803424        13803512        .       -
        0       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13804941        13805004        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13807818        13807906        .       -
        0       Parent=Smp_125440.1
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SM_V9_7 Liftoff CDS     13829189        13829276        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13830367        13830496        .       -
        2       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13831336        13831433        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13832703        13832784        .       -
        2       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13835772        13835814        .       -
        0       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13837101        13837208        .       -
        0       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13849374        13849641        .       -
        1       Parent=Smp_125440.1
SM_V9_7 Liftoff CDS     13875706        13875713        .       -
        0       Parent=Smp_125440.1
SM_V9_7 iris    gene    13883599        13936951        .       +
        .
ID=Smp_196880;geneID=Smp_196880;gene_name=Smp_196880;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    13883599        13936951        .       +
        .
ID=Smp_196880.1;Parent=Smp_196880;geneID=Smp_196880;gene_name=Smp_19
6880;owner=irisadmin@local.host;orig_id=Smp_196880.1;date_last_modif
ied=2022-08-18;Name=Smp_196880.1;product=Arf-GAP with SH3 domain,
ANK repeat and PH domain-containing protein
1;date_creation=2022-08-18
SM_V9_7 iris    exon    13883599        13883770        .       +
        .
Parent=Smp_196880.1;Name=e9ff56af-2d9c-431c-8bf9-6f80638f5df4
SM_V9_7 iris    exon    13883839        13883911        .       +
        .       Parent=Smp_196880.1;Name=aad58540-ab49-480c-96ac-
c22a5eff4d79
SM_V9_7 iris    exon    13883941        13884095        .       +
        .       Parent=Smp_196880.1;Name=600035be-2136-4d2a-bead-
b4af201f137d
SM_V9_7 iris    exon    13884201        13884316        .       +
        .       Parent=Smp_196880.1;Name=4f1ff172-1f8c-476b-
bc6f-8def4dc74931
SM_V9_7 iris    exon    13885443        13885572        .       +
        .       Parent=Smp_196880.1;Name=bd18cd84-4076-4d3a-
acd3-605e28afdbae
SM_V9_7 iris    exon    13887057        13887142        .       +
        .       Parent=Smp_196880.1;Name=13b0372e-ecb3-4c05-89f2-
e46169f089a8
SM_V9_7 iris    exon    13889878        13890031        .       +
        .       Parent=Smp_196880.1;Name=e1ef2b2d-7348-4cf2-af44-
a49e7ec1e29f
SM_V9_7 iris    exon    13892497        13892535        .       +
        .       Parent=Smp_196880.1;Name=3e11075b-a7cd-4dfc-
a965-648d3cd756a5
SM_V9_7 iris    exon    13896244        13896345        .       +
        .       Parent=Smp_196880.1;Name=812591b7-d4e3-4282-ab32-
f6d1d04bf8f3
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SM_V9_7 iris    exon    13898926        13899163        .       +
        .
Parent=Smp_196880.1;Name=a0febe66-24b2-4b01-9e57-18d08ef1a7f8
SM_V9_7 iris    exon    13900770        13900818        .       +
        .       Parent=Smp_196880.1;Name=fb195973-9bea-41a2-866f-
d42921763528
SM_V9_7 iris    exon    13901768        13902073        .       +
        .       Parent=Smp_196880.1;Name=06b7d6d8-c6f3-408e-
b46c-58c537705d9f
SM_V9_7 iris    exon    13904236        13904408        .       +
        .       Parent=Smp_196880.1;Name=8d9c978e-cbf4-4b58-94a5-
c57c8f03e58d
SM_V9_7 iris    exon    13905409        13905542        .       +
        .       Parent=Smp_196880.1;Name=55432217-4b5b-4ab4-
b550-165a83c4270c
SM_V9_7 iris    exon    13906252        13906343        .       +
        .
Parent=Smp_196880.1;Name=8bd01f4e-0cf7-4442-8bb1-92006a70e9fd
SM_V9_7 iris    exon    13908462        13908714        .       +
        .       Parent=Smp_196880.1;Name=1e5bd389-
f66e-4ad7-9cab-5e866fec844f
SM_V9_7 iris    exon    13910036        13910340        .       +
        .       Parent=Smp_196880.1;Name=ddad9677-
cf01-4e7a-8374-980d245bfa1b
SM_V9_7 iris    exon    13915021        13915135        .       +
        .       Parent=Smp_196880.1;Name=734048f1-ebf1-4fb1-
a32e-0fe4175b6ee1
SM_V9_7 iris    exon    13918980        13919546        .       +
        .       Parent=Smp_196880.1;Name=4a95889f-
e648-4d99-963e-338c620832d9
SM_V9_7 iris    exon    13922223        13922355        .       +
        .       Parent=Smp_196880.1;Name=88d3af9a-3749-41b4-
af3a-869977da6e99
SM_V9_7 iris    exon    13924503        13924642        .       +
        .
Parent=Smp_196880.1;Name=b2a1c4b6-71e2-4ec8-8c92-7ae4a6cb2c1e
SM_V9_7 iris    exon    13925121        13925166        .       +
        .       Parent=Smp_196880.1;Name=98b217fe-8ae8-4158-af37-
cdc4864381d2
SM_V9_7 iris    exon    13928939        13929207        .       +
        .       Parent=Smp_196880.1;Name=957dcc58-790d-460b-bc49-
a43df2f62980
SM_V9_7 iris    exon    13930357        13930531        .       +
        .       Parent=Smp_196880.1;Name=9b4fa08c-59c5-4253-
b064-46ba76235a3b
SM_V9_7 iris    exon    13931712        13931908        .       +
        .
Parent=Smp_196880.1;Name=486984de-186f-4e49-85ed-41094e5945f4
SM_V9_7 iris    exon    13934933        13936951        .       +
        .       Parent=Smp_196880.1;Name=d9b72fe5-ad91-4472-95e0-
c06257d0553d
SM_V9_7 iris    CDS     13883645        13883770        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13883839        13883911        .       +
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        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13883941        13884095        .       +
        2       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13884201        13884316        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13885443        13885572        .       +
        1       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13887057        13887142        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13889878        13890031        .       +
        1       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13892497        13892535        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13896244        13896345        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13898926        13899163        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13900770        13900818        .       +
        2       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13901768        13902073        .       +
        1       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13904236        13904408        .       +
        1       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13905409        13905542        .       +
        2       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13906252        13906343        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13908462        13908714        .       +
        1       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13910036        13910340        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13915021        13915135        .       +
        1       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13918980        13919546        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13922223        13922355        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13924503        13924642        .       +
        2       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13925121        13925166        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13928939        13929207        .       +
        2       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13930357        13930531        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13931712        13931908        .       +
        2       Parent=Smp_196880.1
SM_V9_7 iris    CDS     13934933        13935010        .       +
        0       Parent=Smp_196880.1
SM_V9_7 iris    mRNA    13883599        13936951        .       +
        .
ID=Smp_196880.2;Parent=Smp_196880;geneID=Smp_196880;gene_name=Smp_19
6880;owner=irisadmin@local.host;date_last_modified=2022-08-18;Name=S
mp_196880.2;product=Arf-GAP with SH3 domain, ANK repeat and PH
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domain-containing protein 1;date_creation=2022-08-18
SM_V9_7 iris    exon    13883599        13883770        .       +
        .       Parent=Smp_196880.2;Name=b230cd73-
d5de-4acc-96ec-663e8ea0414e
SM_V9_7 iris    exon    13883839        13883911        .       +
        .       Parent=Smp_196880.2;Name=08668638-48e7-48e8-b283-
ae30abf408cd
SM_V9_7 iris    exon    13883941        13884095        .       +
        .       Parent=Smp_196880.2;Name=7de5c643-771f-4dd8-
abdb-0948c9b9569b
SM_V9_7 iris    exon    13884201        13884316        .       +
        .       Parent=Smp_196880.2;Name=f25ab0f4-1249-4b29-
a288-3837d5b555fb
SM_V9_7 iris    exon    13885443        13885572        .       +
        .       Parent=Smp_196880.2;Name=5fa88b89-58f0-45f8-9535-
e243be90e43f
SM_V9_7 iris    exon    13887057        13887142        .       +
        .       Parent=Smp_196880.2;Name=d3d58fba-d120-4609-9d54-
ac0b0ebed9a3
SM_V9_7 iris    exon    13889878        13890031        .       +
        .       Parent=Smp_196880.2;Name=dbb90f8b-
d836-43b2-89d8-89a31ebaa775
SM_V9_7 iris    exon    13896244        13896345        .       +
        .       Parent=Smp_196880.2;Name=5f60ac12-46d5-40d8-88e0-
f1b49b8b3f3d
SM_V9_7 iris    exon    13898926        13899163        .       +
        .       Parent=Smp_196880.2;Name=1013fdab-
fbc7-46fe-9ae2-6a1e616bebaa
SM_V9_7 iris    exon    13900770        13900818        .       +
        .       Parent=Smp_196880.2;Name=3f9fa14e-
e096-4a6b-8f15-0d8b91391ee5
SM_V9_7 iris    exon    13901768        13902073        .       +
        .       Parent=Smp_196880.2;Name=137c4b6d-58b4-427e-
b96d-2d5fcc877cbc
SM_V9_7 iris    exon    13904236        13904408        .       +
        .       Parent=Smp_196880.2;Name=da3d69b6-19e9-4f5c-
bc2c-8bad916d1448
SM_V9_7 iris    exon    13905409        13905542        .       +
        .       Parent=Smp_196880.2;Name=1e15fa64-138f-43aa-8dd8-
b1561f479069
SM_V9_7 iris    exon    13906252        13906343        .       +
        .       Parent=Smp_196880.2;Name=70b18866-a27e-48f5-
acbe-8e833c03d5a7
SM_V9_7 iris    exon    13908462        13908714        .       +
        .       Parent=Smp_196880.2;Name=aa39c54b-ec3b-442a-8ef6-
a74a8a4c4354
SM_V9_7 iris    exon    13910036        13910340        .       +
        .       Parent=Smp_196880.2;Name=2902ddad-63a3-4ff5-9695-
b96bdb99a9fb
SM_V9_7 iris    exon    13915021        13915135        .       +
        .       Parent=Smp_196880.2;Name=b2393580-8c9e-45b1-
aa81-22a58d779848
SM_V9_7 iris    exon    13918980        13919546        .       +
        .       Parent=Smp_196880.2;Name=b8d9c9bc-2fb9-4aa7-
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a08d-2be683ce07ef
SM_V9_7 iris    exon    13922223        13922355        .       +
        .
Parent=Smp_196880.2;Name=a4d2ac35-074a-4420-8bac-74b6abb2828d
SM_V9_7 iris    exon    13924503        13924642        .       +
        .       Parent=Smp_196880.2;Name=7c05beb8-54f5-4239-
ae3f-89e227b0538d
SM_V9_7 iris    exon    13925121        13925166        .       +
        .       Parent=Smp_196880.2;Name=bcaf56c1-53c1-42bd-
bfef-107a37b14493
SM_V9_7 iris    exon    13928939        13929207        .       +
        .       Parent=Smp_196880.2;Name=b6e0d62e-cb44-43d8-9665-
c9b485d88f05
SM_V9_7 iris    exon    13930357        13930531        .       +
        .       Parent=Smp_196880.2;Name=9879bd28-dc1f-4137-
b8fa-5474e831a7a0
SM_V9_7 iris    exon    13931712        13931908        .       +
        .       Parent=Smp_196880.2;Name=798badff-1076-4e55-a512-
eccaf39d6b2f
SM_V9_7 iris    exon    13934933        13936951        .       +
        .       Parent=Smp_196880.2;Name=ee9c40c3-ff16-4e5e-a5fc-
e5d3476c3872
SM_V9_7 iris    CDS     13883645        13883770        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13883839        13883911        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13883941        13884095        .       +
        2       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13884201        13884316        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13885443        13885572        .       +
        1       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13887057        13887142        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13889878        13890031        .       +
        1       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13896244        13896345        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13898926        13899163        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13900770        13900818        .       +
        2       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13901768        13902073        .       +
        1       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13904236        13904408        .       +
        1       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13905409        13905542        .       +
        2       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13906252        13906343        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13908462        13908714        .       +
        1       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13910036        13910340        .       +
        0       Parent=Smp_196880.2
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SM_V9_7 iris    CDS     13915021        13915135        .       +
        1       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13918980        13919546        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13922223        13922355        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13924503        13924642        .       +
        2       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13925121        13925166        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13928939        13929207        .       +
        2       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13930357        13930531        .       +
        0       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13931712        13931908        .       +
        2       Parent=Smp_196880.2
SM_V9_7 iris    CDS     13934933        13935010        .       +
        0       Parent=Smp_196880.2
SM_V9_7 Liftoff gene    13955993        14065027        .       +
        .       ID=Smp_125420;geneID=Smp_125420
SM_V9_7 Liftoff mRNA    13955993        14065027        .       +
        .
ID=Smp_125420.1;Parent=Smp_125420;geneID=Smp_125420;product=Diuretic
hormone
receptor;literature=PMID:22145649;polypeptide_domain=InterPro:IPR000
832,IPR001879,IPR003051,IPR017981
Pfam:PF00002,PF02793;Ontology_term=GO:0004888,GO:0004930,GO:0007166,
GO:0007186,GO:0016020,GO:0016021
SM_V9_7 Liftoff exon    13955993        13956250        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    13994954        13995094        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14002160        14002251        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14004412        14004506        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14008145        14008289        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14028310        14028463        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14045739        14045799        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14047219        14047282        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14049738        14050795        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14054119        14054248        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14058804        14058845        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff exon    14063902        14065027        .       +
        .       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     13956157        13956250        .       +
        0       Parent=Smp_125420.1
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SM_V9_7 Liftoff CDS     13994954        13995094        .       +
        2       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14002160        14002251        .       +
        2       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14004412        14004506        .       +
        0       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14008145        14008289        .       +
        1       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14028310        14028463        .       +
        0       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14045739        14045799        .       +
        2       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14047219        14047282        .       +
        1       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14049738        14050795        .       +
        0       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14054119        14054248        .       +
        1       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14058804        14058845        .       +
        0       Parent=Smp_125420.1
SM_V9_7 Liftoff CDS     14063902        14064003        .       +
        0       Parent=Smp_125420.1
SM_V9_7 Liftoff gene    14014873        14016327        .       +
        .       ID=Smp_006060;geneID=Smp_006060
SM_V9_7 Liftoff mRNA    14014873        14016327        .       +
        .
ID=Smp_006060.1;Parent=Smp_006060;geneID=Smp_006060;product=Crossove
r junction endodeoxyribonuclease RuvC
SM_V9_7 Liftoff exon    14014873        14016327        .       +
        .       Parent=Smp_006060.1
SM_V9_7 Liftoff CDS     14015001        14016143        .       +
        0       Parent=Smp_006060.1
SM_V9_7 Liftoff gene    14071478        14090019        .       -
        .       ID=Smp_125400;geneID=Smp_125400
SM_V9_7 Liftoff mRNA    14071478        14090019        .       -
        .
ID=Smp_125400.1;Parent=Smp_125400;geneID=Smp_125400;product=Neurogen
ic differentiation factor 6-
A;polypeptide_domain=InterPro:IPR011598,IPR011989,IPR022575
Pfam:PF00010,PF12533;Ontology_term=GO:0046983
SM_V9_7 Liftoff exon    14071478        14072696        .       -
        .       Parent=Smp_125400.1
SM_V9_7 Liftoff exon    14085391        14090019        .       -
        .       Parent=Smp_125400.1
SM_V9_7 Liftoff CDS     14071579        14072696        .       -
        2       Parent=Smp_125400.1
SM_V9_7 Liftoff CDS     14085391        14085820        .       -
        0       Parent=Smp_125400.1
SM_V9_7 Liftoff gene    14113371        14113610        .       -
        .       ID=Smp_125390;geneID=Smp_125390
SM_V9_7 Liftoff mRNA    14113371        14113610        .       -
        .
ID=Smp_125390.1;Parent=Smp_125390;geneID=Smp_125390;product=Polymeri
c immunoglobulin receptor
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SM_V9_7 Liftoff exon    14113371        14113610        .       -
        .       Parent=Smp_125390.1
SM_V9_7 Liftoff CDS     14113371        14113610        .       -
        0       Parent=Smp_125390.1
SM_V9_7 iris    gene    14164873        14180719        .       -
        .
ID=Smp_340150;geneID=Smp_340150;gene_name=Smp_340150;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    14164873        14180719        .       -
        .
ID=Smp_340150.1;Parent=Smp_340150;geneID=Smp_340150;gene_name=Smp_34
0150;owner=irisadmin@local.host;orig_id=Smp_340150.1;date_last_modif
ied=2022-08-18;Name=Smp_340150.1;product=Phospholipid-transporting
ATPase tat-1;date_creation=2022-08-18
SM_V9_7 iris    exon    14164873        14165312        .       -
        .       Parent=Smp_340150.1;Name=054c5be6-8afb-4fbd-9b51-
f43ea2c9c2a5
SM_V9_7 iris    exon    14180446        14180719        .       -
        .       Parent=Smp_340150.1;Name=a9cc947a-4171-4281-b789-
cc5bdda4e3a2
SM_V9_7 iris    CDS     14180455        14180697        .       -
        0       Parent=Smp_340150.1
SM_V9_7 Liftoff gene    14191002        14234953        .       -
        .       ID=Smp_125370;geneID=Smp_125370
SM_V9_7 Liftoff mRNA    14191002        14234953        .       -
        .
ID=Smp_125370.1;Parent=Smp_125370;geneID=Smp_125370;product=Mitogen-
activated protein kinase kinase kinase
12;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR008271,IPR0110
09 Pfam:PF07714;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_7 Liftoff exon    14191002        14192007        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14193929        14194337        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14195187        14195922        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14202062        14202609        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14204911        14205430        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14208787        14209560        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14212169        14212359        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14214124        14214268        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14225355        14225513        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14227478        14227636        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14229150        14229341        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff exon    14231106        14231292        .       -
        .       Parent=Smp_125370.1
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SM_V9_7 Liftoff exon    14233183        14234953        .       -
        .       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14191997        14192007        .       -
        2       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14193929        14194337        .       -
        0       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14195187        14195922        .       -
        1       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14202062        14202609        .       -
        0       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14204911        14205430        .       -
        1       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14208787        14209560        .       -
        1       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14212169        14212359        .       -
        0       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14214124        14214268        .       -
        1       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14225355        14225513        .       -
        1       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14227478        14227636        .       -
        1       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14229150        14229341        .       -
        1       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14231106        14231292        .       -
        2       Parent=Smp_125370.1
SM_V9_7 Liftoff CDS     14233183        14233663        .       -
        0       Parent=Smp_125370.1
SM_V9_7 Liftoff gene    14239704        14259712        .       +
        .       ID=Smp_125360;geneID=Smp_125360
SM_V9_7 Liftoff mRNA    14239704        14259712        .       +
        .
ID=Smp_125360.1;Parent=Smp_125360;geneID=Smp_125360;product=Tyrosine
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CSK;polypeptide_domain=InterPro:IPR000719,IPR000980,IPR001245,IPR001
452,IPR008266,IPR011009,IPR017441,IPR020635
Pfam:PF00017,PF00018,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:
0005515,GO:0005524,GO:0006468
SM_V9_7 Liftoff exon    14239704        14239929        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14239976        14240082        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14242502        14242850        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14244814        14244970        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14246378        14246477        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14250874        14251038        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14253308        14253704        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14254889        14254975        .       +
        .       Parent=Smp_125360.1
```

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SM_V9_7 Liftoff exon    14257181        14257651        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff exon    14259130        14259712        .       +
        .       Parent=Smp_125360.1
SM_V9_7 Liftoff CDS     14239807        14239929        .       +
        0       Parent=Smp_125360.1
SM_V9_7 Liftoff CDS     14239976        14240082        .       +
        0       Parent=Smp_125360.1
SM_V9_7 Liftoff CDS     14242502        14242850        .       +
        1       Parent=Smp_125360.1
SM_V9_7 Liftoff CDS     14244814        14244970        .       +
        0       Parent=Smp_125360.1
SM_V9_7 Liftoff CDS     14246378        14246477        .       +
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SM_V9_7 Liftoff CDS     14253308        14253704        .       +
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SM_V9_7 Liftoff CDS     14254889        14254975        .       +
        0       Parent=Smp_125360.1
SM_V9_7 Liftoff CDS     14257181        14257651        .       +
        0       Parent=Smp_125360.1
SM_V9_7 Liftoff CDS     14259130        14259333        .       +
        0       Parent=Smp_125360.1
SM_V9_7 Liftoff gene    14261164        14268343        .       -
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SM_V9_7 Liftoff mRNA    14261164        14268343        .       -
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ic translation initiation factor 3 subunit
I;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR01977
5,IPR027525
Pfam:PF00400;Ontology_term=GO:0003743,GO:0005515,GO:0005737,GO:00058
52
SM_V9_7 Liftoff exon    14261164        14261323        .       -
        .       Parent=Smp_006000.1
SM_V9_7 Liftoff exon    14261706        14261872        .       -
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SM_V9_7 Liftoff exon    14264052        14264141        .       -
        .       Parent=Smp_006000.1
SM_V9_7 Liftoff exon    14265394        14265639        .       -
        .       Parent=Smp_006000.1
SM_V9_7 Liftoff exon    14267765        14267910        .       -
        .       Parent=Smp_006000.1
SM_V9_7 Liftoff exon    14267949        14268195        .       -
        .       Parent=Smp_006000.1
SM_V9_7 Liftoff exon    14268230        14268343        .       -
        .       Parent=Smp_006000.1
SM_V9_7 Liftoff CDS     14261239        14261323        .       -
        1       Parent=Smp_006000.1
SM_V9_7 Liftoff CDS     14261706        14261872        .       -
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SM_V9_7 Liftoff CDS     14264052        14264141        .       -
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        2       Parent=Smp_006000.1
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        0       Parent=Smp_006000.1
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SM_V9_7 Liftoff mRNA    14268487        14313279        .       +
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olinesterase;polypeptide_domain=InterPro:IPR000997,IPR002018,IPR0198
19,IPR019826,IPR029058 Pfam:PF00135;Ontology_term=GO:0004104
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        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14289213        14289475        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14292751        14292911        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14295207        14295360        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14296709        14296915        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14300229        14300376        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14303301        14303485        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14304546        14304686        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14307242        14307444        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14310209        14310543        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff exon    14312212        14313279        .       +
        .       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14268533        14268821        .       +
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SM_V9_7 Liftoff CDS     14289213        14289475        .       +
        2       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14292751        14292911        .       +
        0       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14295207        14295360        .       +
        1       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14296709        14296915        .       +
        0       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14300229        14300376        .       +
        0       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14303301        14303485        .       +
        2       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14304546        14304686        .       +
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SM_V9_7 Liftoff CDS     14307242        14307444        .       +
        0       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14310209        14310543        .       +
        1       Parent=Smp_125350.1
SM_V9_7 Liftoff CDS     14312212        14312438        .       +
        2       Parent=Smp_125350.1
SM_V9_7 Liftoff gene    14319396        14332983        .       -
        .       ID=Smp_005960;geneID=Smp_005960
SM_V9_7 Liftoff mRNA    14319396        14332983        .       -
        .
ID=Smp_005960.1;Parent=Smp_005960;geneID=Smp_005960;product=Hypothet
ical protein
SM_V9_7 Liftoff exon    14319396        14323658        .       -
        .       Parent=Smp_005960.1
SM_V9_7 Liftoff exon    14332675        14332983        .       -
        .       Parent=Smp_005960.1
SM_V9_7 Liftoff CDS     14323360        14323658        .       -
        2       Parent=Smp_005960.1
SM_V9_7 Liftoff CDS     14332675        14332780        .       -
        0       Parent=Smp_005960.1
SM_V9_7 iris    gene    14368007        14409982        .       +
        .
ID=Smp_125340;geneID=Smp_125340;gene_name=Smp_125340;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    14368007        14392578        .       +
        .
ID=Smp_125340.2;Parent=Smp_125340;geneID=Smp_125340;gene_name=Smp_12
5340;owner=irisadmin@local.host;date_last_modified=2022-07-16;Name=S
mp_125340.2;product=Hepatoma-derived growth factor-related protein
3;date_creation=2022-07-16
SM_V9_7 iris    exon    14368007        14368169        .       +
        .       Parent=Smp_125340.2;Name=1ecf999d-a79a-4261-b8a5-
ad6221f054eb
SM_V9_7 iris    exon    14368202        14368275        .       +
        .       Parent=Smp_125340.2;Name=b8e8bc11-
e81e-4cb9-8d8f-28d8563b9bc3
SM_V9_7 iris    exon    14368311        14368446        .       +
        .
Parent=Smp_125340.2;Name=a4d084f0-55ca-4258-93b0-11799473e23a
SM_V9_7 iris    exon    14368482        14368530        .       +
        .       Parent=Smp_125340.2;Name=a68e0349-dbb5-4e44-99d7-
ceca0546de0f
SM_V9_7 iris    exon    14372258        14372300        .       +
        .
Parent=Smp_125340.2;Name=aed2e6a3-0475-4db1-8ec9-14551887777e
SM_V9_7 iris    exon    14375280        14375971        .       +
        .       Parent=Smp_125340.2;Name=82b6685d-8491-477c-ac8e-
d804a001e7b6
SM_V9_7 iris    exon    14379354        14380290        .       +
        .       Parent=Smp_125340.2;Name=42c7ce98-4b21-476b-
b78d-2c9a54c6d5ae
SM_V9_7 iris    exon    14383101        14383120        .       +
        .       Parent=Smp_125340.2;Name=fa3d0253-712d-49a5-
a10f-36d438bb4560
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SM_V9_7 iris    exon    14385827        14386020        .       +
        .       Parent=Smp_125340.2;Name=edddd2c8-f8c3-42c2-b4f5-
a1581f372363
SM_V9_7 iris    exon    14388337        14388432        .       +
        .       Parent=Smp_125340.2;Name=4deee75e-53b4-48e9-
a5c7-136f9ae760f7
SM_V9_7 iris    exon    14389757        14392578        .       +
        .       Parent=Smp_125340.2;Name=fb644d23-44a0-445c-93b7-
edf8dfa65fbb
SM_V9_7 iris    CDS     14368104        14368169        .       +
        0       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14368202        14368275        .       +
        0       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14368311        14368446        .       +
        1       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14368482        14368530        .       +
        0       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14372258        14372300        .       +
        2       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14375280        14375971        .       +
        1       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14379354        14380290        .       +
        2       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14383101        14383120        .       +
        1       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14385827        14386020        .       +
        2       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14388337        14388432        .       +
        0       Parent=Smp_125340.2
SM_V9_7 iris    CDS     14389757        14390911        .       +
        0       Parent=Smp_125340.2
SM_V9_7 iris    mRNA    14368007        14409982        .       +
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ID=Smp_125340.1;Parent=Smp_125340;geneID=Smp_125340;gene_name=Smp_12
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ied=2022-07-16;Name=Smp_125340.1;product=Hepatoma-derived growth
factor-related protein 3;date_creation=2022-07-16
SM_V9_7 iris    exon    14368007        14368169        .       +
        .       Parent=Smp_125340.1;Name=bdc4c56c-
f69a-4332-9b19-9ebc6f461a09
SM_V9_7 iris    exon    14368202        14368275        .       +
        .       Parent=Smp_125340.1;Name=6ab5c690-243f-49fc-
b275-36dc92178d7c
SM_V9_7 iris    exon    14368311        14368446        .       +
        .       Parent=Smp_125340.1;Name=12055c76-e3af-47d4-
b517-2ee8d5d9543a
SM_V9_7 iris    exon    14368482        14368530        .       +
        .       Parent=Smp_125340.1;Name=a8d11c4c-15d6-4961-b30c-
fdd8508353a4
SM_V9_7 iris    exon    14372258        14372300        .       +
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Parent=Smp_125340.1;Name=4ae84caf-9533-490e-8cc3-7bac49db455b
SM_V9_7 iris    exon    14375280        14375971        .       +
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cc47-479c-8c43-354136b11b85
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SM_V9_7 iris    exon    14383101        14383120        .       +
        .       Parent=Smp_125340.1;Name=3d57ef97-1bd5-4436-
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SM_V9_7 iris    exon    14385827        14386020        .       +
        .       Parent=Smp_125340.1;Name=6bf6fe89-4b66-49e6-
ae35-084714b46742
SM_V9_7 iris    exon    14388337        14388432        .       +
        .       Parent=Smp_125340.1;Name=d285909f-58db-4067-
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SM_V9_7 iris    exon    14389757        14390903        .       +
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SM_V9_7 iris    exon    14406428        14406519        .       +
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SM_V9_7 iris    exon    14409566        14409982        .       +
        .
Parent=Smp_125340.1;Name=2c2fe032-4c5d-49ee-89dd-093eca4aa267
SM_V9_7 iris    CDS     14368104        14368169        .       +
        0       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14368202        14368275        .       +
        0       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14368311        14368446        .       +
        1       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14368482        14368530        .       +
        0       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14372258        14372300        .       +
        2       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14375280        14375971        .       +
        1       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14379354        14380290        .       +
        2       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14383101        14383120        .       +
        1       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14385827        14386020        .       +
        2       Parent=Smp_125340.1
SM_V9_7 iris    CDS     14388337        14388432        .       +
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SM_V9_7 iris    CDS     14389757        14390903        .       +
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SM_V9_7 iris    CDS     14406428        14406438        .       +
        2       Parent=Smp_125340.1
SM_V9_7 iris    gene    14424427        14438667        .       -
        .
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@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    14424427        14438667        .       -
        .
ID=Smp_005910.1;Parent=Smp_005910;geneID=Smp_005910;gene_name=Smp_00
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Parent=Smp_005910.1;Name=a5e3b84c-9882-4a5f-82d3-23a0ff6b661a
SM_V9_7 iris    exon    14429240        14429314        .       -
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ac5c69490b9c
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        .       Parent=Smp_005910.1;Name=b390198a-d66d-4270-a154-
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        .       Parent=Smp_005910.1;Name=a7c158fe-368d-41a3-8746-
b7ed362ece89
SM_V9_7 iris    exon    14435763        14435988        .       -
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SM_V9_7 iris    exon    14438609        14438667        .       -
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SM_V9_7 iris    CDS     14424732        14424843        .       -
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SM_V9_7 iris    CDS     14429240        14429314        .       -
        1       Parent=Smp_005910.1
SM_V9_7 iris    CDS     14430375        14430505        .       -
        0       Parent=Smp_005910.1
SM_V9_7 iris    CDS     14432477        14432569        .       -
        0       Parent=Smp_005910.1
SM_V9_7 iris    CDS     14435763        14435969        .       -
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Samui;polypeptide_domain=InterPro:IPR001202,IPR003103
Pfam:PF00397,PF02179;Ontology_term=GO:0005515,GO:0051087
SM_V9_7 Liftoff exon    14446967        14447737        .       -
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SM_V9_7 Liftoff exon    14450840        14451143        .       -
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SM_V9_7 Liftoff exon    14455337        14455540        .       -
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SM_V9_7 Liftoff CDS     14447445        14447737        .       -
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SM_V9_7 Liftoff CDS     14450840        14451143        .       -
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SM_V9_7 Liftoff CDS     14455337        14455540        .       -
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SM_V9_7 Liftoff mRNA    14477287        14515041        .       +
        .
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dependent RNA helicase
DDX55;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR0
14001,IPR014014,IPR025313,IPR027417
Pfam:PF00270,PF00271,PF13959;Ontology_term=GO:0003676,GO:0005524
SM_V9_7 Liftoff exon    14477287        14482843        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14482878        14483015        .       +
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SM_V9_7 Liftoff exon    14483054        14483148        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14484875        14485088        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14485589        14485644        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14487414        14487508        .       +
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SM_V9_7 Liftoff exon    14490380        14490495        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14493143        14493366        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14494653        14494745        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14496179        14496293        .       +
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SM_V9_7 Liftoff exon    14498788        14498903        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14500037        14500125        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14501066        14501192        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14502847        14502922        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff exon    14505711        14505932        .       +
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SM_V9_7 Liftoff exon    14514397        14515041        .       +
        .       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14482748        14482843        .       +
        0       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14482878        14483015        .       +
        0       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14483054        14483148        .       +
        0       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14484875        14485088        .       +
        1       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14485589        14485644        .       +
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SM_V9_7 Liftoff CDS     14487414        14487508        .       +
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SM_V9_7 Liftoff CDS     14493143        14493366        .       +
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        1       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14498788        14498903        .       +
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        1       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14501066        14501192        .       +
        2       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14502847        14502922        .       +
        1       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14505711        14505932        .       +
        0       Parent=Smp_213800.1
SM_V9_7 Liftoff CDS     14514397        14514411        .       +
        0       Parent=Smp_213800.1
SM_V9_7 Liftoff gene    14519077        14557983        .       +
        .
ID=Smp_213810;geneID=Smp_213810;previous_systematic_id=Smp_125330
SM_V9_7 Liftoff mRNA    14519077        14557983        .       +
        .
ID=Smp_213810.1;Parent=Smp_213810;geneID=Smp_213810;product=Centrome
re/kinetochore protein zw10
homolog;polypeptide_domain=InterPro:IPR009361
Pfam:PF06248;Ontology_term=GO:0000278,GO:0000775,GO:0005634
SM_V9_7 Liftoff exon    14519077        14519478        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14522192        14522517        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14524569        14524695        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14526164        14526535        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14528503        14528610        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14529735        14530772        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14535965        14536220        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14538668        14538981        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14544798        14544921        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14548434        14548549        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff exon    14555001        14555075        .       +
        .       Parent=Smp_213810.1
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SM_V9_7 Liftoff exon    14557589        14557983        .       +
        .       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14519299        14519478        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14522192        14522517        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14524569        14524695        .       +
        1       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14526164        14526535        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14528503        14528610        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14529735        14530772        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14535965        14536220        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14538668        14538981        .       +
        2       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14544798        14544921        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14548434        14548549        .       +
        2       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14555001        14555075        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff CDS     14557589        14557825        .       +
        0       Parent=Smp_213810.1
SM_V9_7 Liftoff gene    14576928        14597468        .       -
        .       ID=Smp_005880;geneID=Smp_005880
SM_V9_7 Liftoff mRNA    14576928        14597468        .       -
        .
ID=Smp_005880.1;Parent=Smp_005880;geneID=Smp_005880;product=phosphoe
nolpyruvate carboxykinase;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR008209,IPR008210,IPR013035,
IPR018091,IPR035077,IPR035078
Pfam:PF00821,PF17297;Ontology_term=GO:0004611,GO:0004613,GO:0005525,
GO:0006094,GO:0017076
SM_V9_7 Liftoff exon    14576928        14580185        .       -
        .       Parent=Smp_005880.1
SM_V9_7 Liftoff exon    14583836        14584102        .       -
        .       Parent=Smp_005880.1
SM_V9_7 Liftoff exon    14589279        14589738        .       -
        .       Parent=Smp_005880.1
SM_V9_7 Liftoff exon    14590843        14591192        .       -
        .       Parent=Smp_005880.1
SM_V9_7 Liftoff exon    14593419        14593932        .       -
        .       Parent=Smp_005880.1
SM_V9_7 Liftoff exon    14595685        14597468        .       -
        .       Parent=Smp_005880.1
SM_V9_7 Liftoff CDS     14580001        14580185        .       -
        2       Parent=Smp_005880.1
SM_V9_7 Liftoff CDS     14583836        14584102        .       -
        2       Parent=Smp_005880.1
SM_V9_7 Liftoff CDS     14589279        14589738        .       -
        0       Parent=Smp_005880.1
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SM_V9_7 Liftoff CDS     14590843        14591192        .       -
        2       Parent=Smp_005880.1
SM_V9_7 Liftoff CDS     14593419        14593932        .       -
        0       Parent=Smp_005880.1
SM_V9_7 Liftoff CDS     14595685        14595789        .       -
        0       Parent=Smp_005880.1
SM_V9_7 iris    gene    14611199        14614319        .       +
        .
ID=Smp_337880;geneID=Smp_337880;gene_name=Smp_337880;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    14611199        14614319        .       +
        .
ID=Smp_337880.1;Parent=Smp_337880;geneID=Smp_337880;gene_name=Smp_33
7880;owner=irisadmin@local.host;orig_id=Smp_337880.1;date_last_modif
ied=2022-08-18;Name=Smp_337880.1;product=Uncharacterized
protein;date_creation=2022-08-18
SM_V9_7 iris    exon    14611199        14611226        .       +
        .       Parent=Smp_337880.1;Name=495fcad2-3d52-4805-
b10d-7423ef3ac636
SM_V9_7 iris    exon    14611681        14611956        .       +
        .       Parent=Smp_337880.1;Name=ce405f86-4fa0-40d2-9152-
c119bb001130
SM_V9_7 iris    exon    14612248        14612508        .       +
        .       Parent=Smp_337880.1;Name=1c3d871f-b0d6-450d-abd7-
f6f17c4b76f7
SM_V9_7 iris    exon    14614020        14614319        .       +
        .       Parent=Smp_337880.1;Name=608d3716-aac5-4db0-90a0-
aa664d914a1d
SM_V9_7 iris    CDS     14611731        14611956        .       +
        0       Parent=Smp_337880.1
SM_V9_7 iris    CDS     14612248        14612508        .       +
        2       Parent=Smp_337880.1
SM_V9_7 iris    CDS     14614020        14614081        .       +
        2       Parent=Smp_337880.1
SM_V9_7 Liftoff gene    14615159        14620055        .       +
        .
ID=Smp_337890;geneID=Smp_337890;previous_systematic_id=Smp_119260,Sm
p_334860
SM_V9_7 Liftoff mRNA    14615159        14620055        .       +
        .
ID=Smp_337890.1;Parent=Smp_337890;geneID=Smp_337890;product=Uncharac
terized protein
SM_V9_7 Liftoff exon    14615159        14615215        .       +
        .       Parent=Smp_337890.1
SM_V9_7 Liftoff exon    14615670        14615945        .       +
        .       Parent=Smp_337890.1
SM_V9_7 Liftoff exon    14616237        14616497        .       +
        .       Parent=Smp_337890.1
SM_V9_7 Liftoff exon    14618009        14620055        .       +
        .       Parent=Smp_337890.1
SM_V9_7 Liftoff CDS     14615197        14615215        .       +
        0       Parent=Smp_337890.1
SM_V9_7 Liftoff CDS     14615670        14615945        .       +
        2       Parent=Smp_337890.1
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SM_V9_7 Liftoff CDS     14616237        14616497        .       +
        2       Parent=Smp_337890.1
SM_V9_7 Liftoff CDS     14618009        14618070        .       +
        2       Parent=Smp_337890.1
SM_V9_7 iris    gene    14629419        14635264        .       +
        .
ID=Smp_337900;geneID=Smp_337900;gene_name=Smp_337900;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-16
SM_V9_7 iris    mRNA    14629419        14635264        .       +
        .
ID=Smp_337900.1;Parent=Smp_337900;geneID=Smp_337900;gene_name=Smp_33
7900;owner=irisadmin@local.host;orig_id=Smp_337900.1;date_last_modif
ied=2022-07-18;Name=Smp_337900.1;product=Uncharacterized
protein;date_creation=2022-07-16
SM_V9_7 iris    exon    14629419        14629475        .       +
        .
Parent=Smp_337900.1;Name=c40dd381-91a6-4531-8cbc-107350b77bbb
SM_V9_7 iris    exon    14630563        14630838        .       +
        .
Parent=Smp_337900.1;Name=22b29be4-00b4-46a6-9643-0159371845c7
SM_V9_7 iris    exon    14631130        14631390        .       +
        .       Parent=Smp_337900.1;Name=fa497afd-515a-42b8-8461-
bf092aabb119
SM_V9_7 iris    exon    14632902        14632955        .       +
        .       Parent=Smp_337900.1;Name=1d9cc18c-5eb9-41ec-
b4cd-5b26082a5f31
SM_V9_7 iris    exon    14633011        14633555        .       +
        .       Parent=Smp_337900.1;Name=569d4b8c-7b41-46f4-
b14b-71f3eb68011a
SM_V9_7 iris    exon    14635015        14635264        .       +
        .       Parent=Smp_337900.1;Name=df3ee597-0034-4a72-
b535-9ecf4a75aba3
SM_V9_7 iris    CDS     14629457        14629475        .       +
        0       Parent=Smp_337900.1
SM_V9_7 iris    CDS     14630563        14630838        .       +
        2       Parent=Smp_337900.1
SM_V9_7 iris    CDS     14631130        14631390        .       +
        2       Parent=Smp_337900.1
SM_V9_7 iris    CDS     14632902        14632955        .       +
        2       Parent=Smp_337900.1
SM_V9_7 iris    CDS     14633011        14633090        .       +
        2       Parent=Smp_337900.1
SM_V9_7 iris    non_canonical_five_prime_splice_site    14633558
        14633558        .       +       .       ID=Smp_337900.1-
non_canonical_five_prime_splice_site-14633557;Name=Smp_337900.1-
non_canonical_five_prime_splice_site-14633557
SM_V9_7 iris    gene    14648747        14651978        .       -
        .
ID=Smp_247020;geneID=Smp_247020;gene_name=Smp_247020;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    14648747        14651978        .       -
        .
ID=Smp_247020.1;Parent=Smp_247020;geneID=Smp_247020;gene_name=Smp_24
7020;owner=irisadmin@local.host;orig_id=Smp_247020.1;date_last_modif
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ied=2022-08-18;Name=Smp_247020.1;product=Heterogeneous nuclear
ribonucleoprotein K;date_creation=2022-08-18
SM_V9_7 iris    exon    14648747        14648902        .       -
        .       Parent=Smp_247020.1;Name=186d0cbb-4148-4c1a-a768-
e8351e41a888
SM_V9_7 iris    exon    14649589        14650244        .       -
        .
Parent=Smp_247020.1;Name=b561496d-9bde-4701-9517-3b5111663437
SM_V9_7 iris    exon    14650626        14650754        .       -
        .       Parent=Smp_247020.1;Name=40f8bc54-76fc-4a0c-8928-
d70797dbc531
SM_V9_7 iris    exon    14650792        14650992        .       -
        .       Parent=Smp_247020.1;Name=813a6f91-8cfe-4a93-a675-
fd4a14060be4
SM_V9_7 iris    exon    14651025        14651094        .       -
        .       Parent=Smp_247020.1;Name=5783e1d2-f7ad-482c-96c9-
cec1dd7341bd
SM_V9_7 iris    exon    14651479        14651522        .       -
        .       Parent=Smp_247020.1;Name=c0b0d760-dd28-4a27-
aac4-0a24d6198386
SM_V9_7 iris    exon    14651764        14651978        .       -
        .       Parent=Smp_247020.1;Name=8d984c26-ef9f-4c7e-
a137-49265ff2e6ec
SM_V9_7 iris    CDS     14648806        14648902        .       -
        1       Parent=Smp_247020.1
SM_V9_7 iris    CDS     14649589        14650244        .       -
        0       Parent=Smp_247020.1
SM_V9_7 iris    CDS     14650626        14650754        .       -
        0       Parent=Smp_247020.1
SM_V9_7 iris    CDS     14650792        14650992        .       -
        0       Parent=Smp_247020.1
SM_V9_7 iris    CDS     14651025        14651094        .       -
        1       Parent=Smp_247020.1
SM_V9_7 iris    CDS     14651479        14651522        .       -
        0       Parent=Smp_247020.1
SM_V9_7 iris    CDS     14651764        14651928        .       -
        0       Parent=Smp_247020.1
SM_V9_7 iris    gene    14660478        14663726        .       -
        .
ID=Smp_347870;geneID=Smp_347870;gene_name=Smp_347870;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    14660478        14663726        .       -
        .
ID=Smp_347870.1;Parent=Smp_347870;geneID=Smp_347870;gene_name=Smp_34
7870;owner=irisadmin@local.host;orig_id=Smp_347870.1;date_last_modif
ied=2022-07-16;Name=Smp_347870.1;product=Heterogeneous nuclear
ribonucleoprotein K;date_creation=2022-07-16
SM_V9_7 iris    exon    14660478        14660676        .       -
        .       Parent=Smp_347870.1;Name=2431dd83-bc20-4480-
a88c-55c400054141
SM_V9_7 iris    exon    14661363        14662017        .       -
        .       Parent=Smp_347870.1;Name=64334d19-0003-4eef-
a1f3-06120d5f3d8a
SM_V9_7 iris    exon    14662399        14662527        .       -
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        .       Parent=Smp_347870.1;Name=aa629f0c-1694-4175-90ec-
bb08e5734dbd
SM_V9_7 iris    exon    14662565        14662765        .       -
        .       Parent=Smp_347870.1;Name=a3d724c0-d428-4892-
b286-6d072e863bc5
SM_V9_7 iris    exon    14662798        14662867        .       -
        .       Parent=Smp_347870.1;Name=fd982ce9-04af-4464-
ac30-2f7f054b1989
SM_V9_7 iris    exon    14663252        14663295        .       -
        .       Parent=Smp_347870.1;Name=b38ac03f-c784-406a-
a825-7c3163cc3edd
SM_V9_7 iris    exon    14663537        14663726        .       -
        .       Parent=Smp_347870.1;Name=df66e399-5e3d-41f0-96f3-
dec3ea472ff8
SM_V9_7 iris    CDS     14660495        14660676        .       -
        2       Parent=Smp_347870.1
SM_V9_7 iris    CDS     14661363        14662017        .       -
        0       Parent=Smp_347870.1
SM_V9_7 iris    CDS     14662399        14662527        .       -
        0       Parent=Smp_347870.1
SM_V9_7 iris    CDS     14662565        14662765        .       -
        0       Parent=Smp_347870.1
SM_V9_7 iris    CDS     14662798        14662867        .       -
        1       Parent=Smp_347870.1
SM_V9_7 iris    CDS     14663252        14663295        .       -
        0       Parent=Smp_347870.1
SM_V9_7 iris    CDS     14663537        14663701        .       -
        0       Parent=Smp_347870.1
SM_V9_7 Liftoff gene    14673769        14684445        .       +
        .       ID=Smp_125320;geneID=Smp_125320
SM_V9_7 Liftoff mRNA    14673769        14684445        .       +
        .
ID=Smp_125320.1;Parent=Smp_125320;geneID=Smp_125320;product=MEG-9;ev
idence=Traceable Author Statement;literature=PMID:20606017
SM_V9_7 Liftoff exon    14673769        14673870        .       +
        .       Parent=Smp_125320.1
SM_V9_7 Liftoff exon    14676625        14676630        .       +
        .       Parent=Smp_125320.1
SM_V9_7 Liftoff exon    14677869        14677893        .       +
        .       Parent=Smp_125320.1
SM_V9_7 Liftoff exon    14678672        14678686        .       +
        .       Parent=Smp_125320.1
SM_V9_7 Liftoff exon    14680034        14680054        .       +
        .       Parent=Smp_125320.1
SM_V9_7 Liftoff exon    14682657        14682674        .       +
        .       Parent=Smp_125320.1
SM_V9_7 Liftoff exon    14684271        14684445        .       +
        .       Parent=Smp_125320.1
SM_V9_7 Liftoff CDS     14673843        14673870        .       +
        0       Parent=Smp_125320.1
SM_V9_7 Liftoff CDS     14676625        14676630        .       +
        2       Parent=Smp_125320.1
SM_V9_7 Liftoff CDS     14677869        14677893        .       +
        2       Parent=Smp_125320.1
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SM_V9_7 Liftoff CDS     14678672        14678686        .       +
        1       Parent=Smp_125320.1
SM_V9_7 Liftoff CDS     14680034        14680054        .       +
        1       Parent=Smp_125320.1
SM_V9_7 Liftoff CDS     14682657        14682674        .       +
        1       Parent=Smp_125320.1
SM_V9_7 Liftoff CDS     14684271        14684346        .       +
        1       Parent=Smp_125320.1
SM_V9_7 Liftoff gene    14691889        14710890        .       +
        .
ID=Smp_342160;geneID=Smp_342160;previous_systematic_id=Smp_125310
SM_V9_7 Liftoff mRNA    14691889        14710890        .       +
        .
ID=Smp_342160.1;Parent=Smp_342160;geneID=Smp_342160;product=Shaggy-
related protein kinase
theta;polypeptide_domain=InterPro:IPR000719,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_7 Liftoff exon    14691889        14699244        .       +
        .       Parent=Smp_342160.1
SM_V9_7 Liftoff exon    14700581        14700774        .       +
        .       Parent=Smp_342160.1
SM_V9_7 Liftoff exon    14704123        14704339        .       +
        .       Parent=Smp_342160.1
SM_V9_7 Liftoff exon    14706502        14710890        .       +
        .       Parent=Smp_342160.1
SM_V9_7 Liftoff CDS     14699145        14699244        .       +
        0       Parent=Smp_342160.1
SM_V9_7 Liftoff CDS     14700581        14700774        .       +
        2       Parent=Smp_342160.1
SM_V9_7 Liftoff CDS     14704123        14704339        .       +
        0       Parent=Smp_342160.1
SM_V9_7 Liftoff CDS     14706502        14707103        .       +
        2       Parent=Smp_342160.1
SM_V9_7 iris    gene    14715247        14735005        .       -
        .
ID=Smp_125300;geneID=Smp_125300;gene_name=Smp_125300;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    14715247        14735005        .       -
        .
ID=Smp_125300.1;Parent=Smp_125300;geneID=Smp_125300;gene_name=Smp_12
5300;owner=irisadmin@local.host;orig_id=Smp_125300.2;date_last_modif
ied=2022-07-16;Name=Smp_125300.1;product=Hypothetical
protein;date_creation=2022-07-16
SM_V9_7 iris    exon    14715247        14715876        .       -
        .       Parent=Smp_125300.1;Name=0d031c78-e8a0-488b-9d83-
a8b6b0b078aa
SM_V9_7 iris    exon    14718904        14719415        .       -
        .
Parent=Smp_125300.1;Name=248a61d4-3ad4-4f85-8399-1c9b9d715aaf
SM_V9_7 iris    exon    14721266        14722083        .       -
        .       Parent=Smp_125300.1;Name=cc195489-
caf3-49d6-9858-7bda28bdbb25
SM_V9_7 iris    exon    14724209        14724247        .       -
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Parent=Smp_125300.1;Name=4c3a6fbc-14c1-4f5b-90d4-571ecf6a79a4
SM_V9_7 iris    exon    14725912        14726244        .       -
        .       Parent=Smp_125300.1;Name=b0778004-21db-43de-ab9e-
de43feb37da4
SM_V9_7 iris    exon    14727856        14728198        .       -
        .
Parent=Smp_125300.1;Name=287aa247-42fb-497b-90e1-55d690893f5f
SM_V9_7 iris    exon    14729954        14730142        .       -
        .       Parent=Smp_125300.1;Name=5c6a39b5-ca47-490f-b8fb-
e3869f3d0107
SM_V9_7 iris    exon    14732553        14732788        .       -
        .       Parent=Smp_125300.1;Name=2bcdf2a1-f266-4ef4-a73a-
bd0ba5fe4c39
SM_V9_7 iris    exon    14732824        14732948        .       -
        .
Parent=Smp_125300.1;Name=6ea77b46-063e-49e8-9282-6ad882dad476
SM_V9_7 iris    exon    14734972        14735005        .       -
        .       Parent=Smp_125300.1;Name=127c1b76-0987-4dac-
aef1-2a14a67f9a7e
SM_V9_7 iris    CDS     14718909        14719415        .       -
        0       Parent=Smp_125300.1
SM_V9_7 iris    CDS     14721266        14722083        .       -
        2       Parent=Smp_125300.1
SM_V9_7 iris    CDS     14724209        14724247        .       -
        2       Parent=Smp_125300.1
SM_V9_7 iris    CDS     14725912        14726244        .       -
        2       Parent=Smp_125300.1
SM_V9_7 iris    CDS     14727856        14728198        .       -
        0       Parent=Smp_125300.1
SM_V9_7 iris    CDS     14729954        14730142        .       -
        0       Parent=Smp_125300.1
SM_V9_7 iris    CDS     14732553        14732788        .       -
        2       Parent=Smp_125300.1
SM_V9_7 iris    CDS     14732824        14732896        .       -
        0       Parent=Smp_125300.1
SM_V9_7 Liftoff gene    14742723        14816423        .       +
        .       ID=Smp_125290;geneID=Smp_125290
SM_V9_7 Liftoff mRNA    14742723        14816423        .       +
        .
ID=Smp_125290.1;Parent=Smp_125290;geneID=Smp_125290;product=C-myc
promoter-binding
protein;polypeptide_domain=InterPro:IPR001194,IPR005112,IPR005113,IP
R023341 Pfam:PF02141,PF03455,PF03456
SM_V9_7 Liftoff exon    14742723        14742918        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14742955        14743038        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14743079        14743239        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14745325        14745568        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14746769        14747018        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14748707        14748858        .       +
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        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14751079        14751407        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14753132        14753198        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14754910        14754968        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14760339        14760483        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14768617        14768847        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14770379        14770555        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14779700        14779823        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14783421        14783883        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14786420        14787054        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14788438        14788760        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14790940        14791056        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14793191        14793344        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14793903        14794211        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14796531        14797314        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14799199        14799722        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14801629        14801895        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14803402        14804065        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14805249        14805270        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14807240        14807587        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14809507        14809627        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14811612        14812166        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff exon    14814564        14816423        .       +
        .       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14742829        14742918        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14742955        14743038        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14743079        14743239        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14745325        14745568        .       +
        1       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14746769        14747018        .       +
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        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14748707        14748858        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14751079        14751407        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14753132        14753198        .       +
        1       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14754910        14754968        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14760339        14760483        .       +
        1       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14768617        14768847        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14770379        14770555        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14779700        14779823        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14783421        14783883        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14786420        14787054        .       +
        1       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14788438        14788760        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14790940        14791056        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14793191        14793344        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14793903        14794211        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14796531        14797314        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14799199        14799722        .       +
        1       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14801629        14801895        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14803402        14804065        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14805249        14805270        .       +
        1       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14807240        14807587        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14809507        14809627        .       +
        0       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14811612        14812166        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff CDS     14814564        14814706        .       +
        2       Parent=Smp_125290.1
SM_V9_7 Liftoff gene    14822822        14845215        .       -
        .       ID=Smp_125280;geneID=Smp_125280
SM_V9_7 Liftoff mRNA    14822822        14845215        .       -
        .
ID=Smp_125280.1;Parent=Smp_125280;geneID=Smp_125280;product=F-box
only protein 16;polypeptide_domain=InterPro:IPR001810
Pfam:PF12937;Ontology_term=GO:0005515
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SM_V9_7 Liftoff exon    14822822        14832697        .       -
        .       Parent=Smp_125280.1
SM_V9_7 Liftoff exon    14833851        14834227        .       -
        .       Parent=Smp_125280.1
SM_V9_7 Liftoff exon    14836943        14837110        .       -
        .       Parent=Smp_125280.1
SM_V9_7 Liftoff exon    14841276        14841482        .       -
        .       Parent=Smp_125280.1
SM_V9_7 Liftoff exon    14841518        14841553        .       -
        .       Parent=Smp_125280.1
SM_V9_7 Liftoff exon    14841595        14845215        .       -
        .       Parent=Smp_125280.1
SM_V9_7 Liftoff CDS     14832247        14832697        .       -
        1       Parent=Smp_125280.1
SM_V9_7 Liftoff CDS     14833851        14834227        .       -
        0       Parent=Smp_125280.1
SM_V9_7 Liftoff CDS     14836943        14837110        .       -
        0       Parent=Smp_125280.1
SM_V9_7 Liftoff CDS     14841276        14841482        .       -
        0       Parent=Smp_125280.1
SM_V9_7 Liftoff CDS     14841518        14841553        .       -
        0       Parent=Smp_125280.1
SM_V9_7 Liftoff CDS     14841595        14841651        .       -
        0       Parent=Smp_125280.1
SM_V9_7 Liftoff gene    14852829        14903225        .       +
        .       ID=Smp_125270;geneID=Smp_125270
SM_V9_7 Liftoff mRNA    14852829        14903225        .       +
        .
ID=Smp_125270.1;Parent=Smp_125270;geneID=Smp_125270;product=Dual
specificity tyrosine-phosphorylation-regulated kinase
1A;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0174
41 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_7 Liftoff exon    14852829        14862172        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14867997        14868525        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14872467        14872765        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14880282        14880450        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14887695        14888001        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14891375        14891489        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14892342        14892953        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14895692        14895911        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff exon    14898377        14903225        .       +
        .       Parent=Smp_125270.1
SM_V9_7 Liftoff CDS     14861231        14862172        .       +
        0       Parent=Smp_125270.1
SM_V9_7 Liftoff CDS     14867997        14868525        .       +
        0       Parent=Smp_125270.1
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SM_V9_7 Liftoff CDS     14872467        14872765        .       +
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SM_V9_7 Liftoff CDS     14880282        14880450        .       +
        0       Parent=Smp_125270.1
SM_V9_7 Liftoff CDS     14887695        14888001        .       +
        2       Parent=Smp_125270.1
SM_V9_7 Liftoff CDS     14891375        14891489        .       +
        1       Parent=Smp_125270.1
SM_V9_7 Liftoff CDS     14892342        14892953        .       +
        0       Parent=Smp_125270.1
SM_V9_7 Liftoff CDS     14895692        14895911        .       +
        0       Parent=Smp_125270.1
SM_V9_7 Liftoff CDS     14898377        14898846        .       +
        2       Parent=Smp_125270.1
SM_V9_7 Liftoff gene    14907664        14915452        .       +
        .       ID=Smp_125260;geneID=Smp_125260
SM_V9_7 Liftoff mRNA    14907664        14915452        .       +
        .
ID=Smp_125260.1;Parent=Smp_125260;geneID=Smp_125260;product=Factor
VIII intron 22
protein;polypeptide_domain=InterPro:IPR011990;Ontology_term=GO:00055
15
SM_V9_7 Liftoff exon    14907664        14907747        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14907787        14907833        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14907877        14907949        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14911191        14911350        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14911396        14911464        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14913733        14913853        .       +
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SM_V9_7 Liftoff exon    14913902        14913959        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14914010        14914094        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14914141        14914299        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff exon    14915111        14915452        .       +
        .       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14907689        14907747        .       +
        0       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14907787        14907833        .       +
        1       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14907877        14907949        .       +
        2       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14911191        14911350        .       +
        1       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14911396        14911464        .       +
        0       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14913733        14913853        .       +
        0       Parent=Smp_125260.1
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SM_V9_7 Liftoff CDS     14913902        14913959        .       +
        2       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14914010        14914094        .       +
        1       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14914141        14914299        .       +
        0       Parent=Smp_125260.1
SM_V9_7 Liftoff CDS     14915111        14915239        .       +
        0       Parent=Smp_125260.1
SM_V9_7 iris    gene    14930977        14952575        .       -
        .
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@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    14930977        14952575        .       -
        .
ID=Smp_005790.1;Parent=Smp_005790;geneID=Smp_005790;gene_name=Smp_00
5790;owner=irisadmin@local.host;orig_id=Smp_005790.1;date_last_modif
ied=2022-08-18;Name=Smp_005790.1;product=Guanine nucleotide-binding
protein G(q) subunit alpha;date_creation=2022-08-18
SM_V9_7 iris    exon    14930977        14931353        .       -
        .       Parent=Smp_005790.1;Name=4d4c1493-a3c8-41ca-
bf96-41f79e81a6a1
SM_V9_7 iris    exon    14933789        14933995        .       -
        .       Parent=Smp_005790.1;Name=d4e31b54-1e26-4e1f-a43b-
e1fece6d5212
SM_V9_7 iris    exon    14937906        14938059        .       -
        .       Parent=Smp_005790.1;Name=13d46ea9-0dbf-49cd-b6e5-
c269242fb552
SM_V9_7 iris    exon    14940158        14940287        .       -
        .       Parent=Smp_005790.1;Name=1c8f80d0-
ada9-473a-80d6-87c6433d1578
SM_V9_7 iris    exon    14945831        14945959        .       -
        .       Parent=Smp_005790.1;Name=c84152c9-8d0f-43f2-9d93-
f427a6a16033
SM_V9_7 iris    exon    14947831        14947985        .       -
        .       Parent=Smp_005790.1;Name=95ef8196-adc0-4883-
aac3-3145165f4ff1
SM_V9_7 iris    exon    14949841        14950025        .       -
        .       Parent=Smp_005790.1;Name=b106883c-bc35-4df8-
ab27-867b5b4909a4
SM_V9_7 iris    exon    14952299        14952575        .       -
        .       Parent=Smp_005790.1;Name=32a20d2c-181b-4f52-
af7f-96d2a36f0258
SM_V9_7 iris    CDS     14933805        14933995        .       -
        2       Parent=Smp_005790.1
SM_V9_7 iris    CDS     14937906        14938059        .       -
        0       Parent=Smp_005790.1
SM_V9_7 iris    CDS     14940158        14940287        .       -
        1       Parent=Smp_005790.1
SM_V9_7 iris    CDS     14945831        14945959        .       -
        1       Parent=Smp_005790.1
SM_V9_7 iris    CDS     14947831        14947985        .       -
        0       Parent=Smp_005790.1
SM_V9_7 iris    CDS     14949841        14950025        .       -
        2       Parent=Smp_005790.1
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SM_V9_7 iris    CDS     14952299        14952416        .       -
        0       Parent=Smp_005790.1
SM_V9_7 iris    gene    14967407        14974479        .       +
        .
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SM_V9_7 iris    mRNA    14967407        14974479        .       +
        .
ID=Smp_005780.1;Parent=Smp_005780;geneID=Smp_005780;gene_name=Smp_00
5780;owner=irisadmin@local.host;orig_id=Smp_005780.1;date_last_modif
ied=2022-08-29;Name=Smp_005780.1;product=Ataxin-7;date_creation=2022
-08-18
SM_V9_7 iris    exon    14967407        14967500        .       +
        .       Parent=Smp_005780.1;Name=35332f34-300a-4967-be54-
f68c95bd36cf
SM_V9_7 iris    exon    14967758        14967882        .       +
        .       Parent=Smp_005780.1;Name=a84be9ac-7e53-4b52-b241-
eb9b6311bbc5
SM_V9_7 iris    exon    14967923        14968723        .       +
        .       Parent=Smp_005780.1;Name=944db603-
fb0c-4935-9f91-8f7eb16f45c7
SM_V9_7 iris    exon    14973387        14974479        .       +
        .       Parent=Smp_005780.1;Name=07c000ea-
e719-4b54-8a5c-2adb381081c3
SM_V9_7 iris    CDS     14968410        14968723        .       +
        0       Parent=Smp_005780.1
SM_V9_7 iris    CDS     14973387        14973540        .       +
        1       Parent=Smp_005780.1
SM_V9_7 iris    gene    14982906        14986755        .       -
        .
ID=Smp_125250;geneID=Smp_125250;gene_name=Smp_125250;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    14982906        14986755        .       -
        .
ID=Smp_125250.1;Parent=Smp_125250;geneID=Smp_125250;gene_name=Smp_12
5250;owner=irisadmin@local.host;orig_id=Smp_125250.1;date_last_modif
ied=2022-07-16;Name=Smp_125250.1;product=Serine-aspartate repeat-
containing protein G;date_creation=2022-07-16
SM_V9_7 iris    exon    14982906        14983197        .       -
        .       Parent=Smp_125250.1;Name=b19597a4-5194-47e0-99de-
ce6a09943362
SM_V9_7 iris    exon    14984865        14984962        .       -
        .       Parent=Smp_125250.1;Name=2fe494f5-3ad4-4414-
a96b-6aa8fbcccb2f
SM_V9_7 iris    exon    14986616        14986755        .       -
        .       Parent=Smp_125250.1;Name=6b0782b3-f369-4867-8e6c-
dbe53dcec21a
SM_V9_7 iris    CDS     14982979        14983197        .       -
        0       Parent=Smp_125250.1
SM_V9_7 iris    CDS     14984865        14984962        .       -
        2       Parent=Smp_125250.1
SM_V9_7 iris    CDS     14986616        14986688        .       -
        0       Parent=Smp_125250.1
SM_V9_7 iris    gene    15038353        15044725        .       -
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ID=Smp_346540;geneID=Smp_346540;gene_name=Smp_346540;owner=irisadmin
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SM_V9_7 iris    mRNA    15038353        15044725        .       -
        .
ID=Smp_346540.1;Parent=Smp_346540;geneID=Smp_346540;gene_name=Smp_34
6540;owner=irisadmin@local.host;orig_id=Smp_346540.2;date_last_modif
ied=2022-08-18;Name=Smp_346540.1;product=EF-hand calcium-binding
domain-containing protein 1;date_creation=2022-08-18
SM_V9_7 iris    exon    15038353        15038674        .       -
        .       Parent=Smp_346540.1;Name=5c5e748a-c36f-464f-
a856-0b46bbf12590
SM_V9_7 iris    exon    15040102        15040206        .       -
        .       Parent=Smp_346540.1;Name=8393db01-f130-40c6-bcd3-
dc1cd4fe3d7e
SM_V9_7 iris    exon    15041580        15041645        .       -
        .       Parent=Smp_346540.1;Name=c1ae23f0-614f-4e58-b4f6-
cba570f11e34
SM_V9_7 iris    exon    15044202        15044287        .       -
        .       Parent=Smp_346540.1;Name=188771e5-be8d-403a-b3d5-
f81f7c0b1935
SM_V9_7 iris    exon    15044322        15044426        .       -
        .       Parent=Smp_346540.1;Name=b95c3eb3-1b7e-4e69-9414-
c28cfd00c1b3
SM_V9_7 iris    exon    15044459        15044590        .       -
        .       Parent=Smp_346540.1;Name=ca8382ec-6fa3-436c-
ab5b-23f20a4a8b18
SM_V9_7 iris    exon    15044632        15044725        .       -
        .       Parent=Smp_346540.1;Name=b9ca4a0b-bff1-402c-
b231-30d112a7ebd8
SM_V9_7 iris    CDS     15038573        15038674        .       -
        0       Parent=Smp_346540.1
SM_V9_7 iris    CDS     15040102        15040206        .       -
        0       Parent=Smp_346540.1
SM_V9_7 iris    CDS     15041580        15041645        .       -
        0       Parent=Smp_346540.1
SM_V9_7 iris    CDS     15044202        15044287        .       -
        2       Parent=Smp_346540.1
SM_V9_7 iris    CDS     15044322        15044426        .       -
        2       Parent=Smp_346540.1
SM_V9_7 iris    CDS     15044459        15044486        .       -
        0       Parent=Smp_346540.1
SM_V9_7 Liftoff gene    15073712        15078706        .       +
        .
ID=Smp_332980;geneID=Smp_332980;previous_systematic_id=Smp_005740,Sm
p_125220
SM_V9_7 Liftoff mRNA    15073712        15078706        .       +
        .
ID=Smp_332980.1;Parent=Smp_332980;geneID=Smp_332980;product=Aquapori
n-9;evidence=Traceable Author
Statement;literature=PMID:20454673;polypeptide_domain=InterPro:IPR00
0425,IPR022357,IPR023271
Pfam:PF00230;Ontology_term=GO:0005215,GO:0006810,GO:0016020
SM_V9_7 Liftoff exon    15073712        15074650        .       +
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        .       Parent=Smp_332980.1
SM_V9_7 Liftoff exon    15078208        15078706        .       +
        .       Parent=Smp_332980.1
SM_V9_7 Liftoff CDS     15073942        15074650        .       +
        0       Parent=Smp_332980.1
SM_V9_7 Liftoff CDS     15078208        15078413        .       +
        2       Parent=Smp_332980.1
SM_V9_7 Liftoff gene    15085732        15089688        .       -
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p_125220
SM_V9_7 Liftoff mRNA    15085732        15089688        .       -
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n-9;evidence=Traceable Author
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0425,IPR022357,IPR023271
Pfam:PF00230;Ontology_term=GO:0005215,GO:0006810,GO:0016020
SM_V9_7 Liftoff exon    15085732        15086353        .       -
        .       Parent=Smp_300990.1
SM_V9_7 Liftoff exon    15088746        15089688        .       -
        .       Parent=Smp_300990.1
SM_V9_7 Liftoff CDS     15086148        15086353        .       -
        2       Parent=Smp_300990.1
SM_V9_7 Liftoff CDS     15088746        15089454        .       -
        0       Parent=Smp_300990.1
SM_V9_7 iris    gene    15106033        15114934        .       +
        .
ID=Smp_005720;geneID=Smp_005720;gene_name=Smp_005720;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    15106033        15114934        .       +
        .
ID=Smp_005720.1;Parent=Smp_005720;geneID=Smp_005720;gene_name=Smp_00
5720;owner=irisadmin@local.host;orig_id=Smp_005720.1;date_last_modif
ied=2022-07-16;Name=Smp_005720.1;product=Aquaporin-3;date_creation=2
022-07-16
SM_V9_7 iris    exon    15106033        15106905        .       +
        .
Parent=Smp_005720.1;Name=48a4a9d5-581e-4c69-9570-3685c2755372
SM_V9_7 iris    exon    15113600        15114934        .       +
        .       Parent=Smp_005720.1;Name=cf673fbd-7f0e-471a-
b041-01804dc0f90b
SM_V9_7 iris    CDS     15106188        15106905        .       +
        0       Parent=Smp_005720.1
SM_V9_7 iris    CDS     15113600        15113835        .       +
        2       Parent=Smp_005720.1
SM_V9_7 Liftoff gene    15148310        15157748        .       -
        .       ID=Smp_125210;geneID=Smp_125210
SM_V9_7 Liftoff mRNA    15148310        15157748        .       -
        .
ID=Smp_125210.1;Parent=Smp_125210;geneID=Smp_125210;product=Aquapori
n-9;polypeptide_domain=InterPro:IPR000425,IPR023271
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SM_V9_7 Liftoff exon    15148310        15148619        .       -
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        .       Parent=Smp_125210.1
SM_V9_7 Liftoff exon    15152457        15152584        .       -
        .       Parent=Smp_125210.1
SM_V9_7 Liftoff exon    15156128        15157748        .       -
        .       Parent=Smp_125210.1
SM_V9_7 Liftoff CDS     15148509        15148619        .       -
        0       Parent=Smp_125210.1
SM_V9_7 Liftoff CDS     15152457        15152584        .       -
        2       Parent=Smp_125210.1
SM_V9_7 Liftoff CDS     15156128        15156878        .       -
        0       Parent=Smp_125210.1
SM_V9_7 iris    gene    15161641        15168170        .       +
        .
ID=Smp_125200;geneID=Smp_125200;gene_name=Smp_125200;owner=irisadmin
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SM_V9_7 iris    mRNA    15161641        15168170        .       +
        .
ID=Smp_125200.1;Parent=Smp_125200;geneID=Smp_125200;gene_name=Smp_12
5200;owner=irisadmin@local.host;orig_id=Smp_125200.1;date_last_modif
ied=2022-07-16;Name=Smp_125200.1;product=Aquaporin-9;date_creation=2
022-07-16
SM_V9_7 iris    exon    15161641        15162737        .       +
        .       Parent=Smp_125200.1;Name=fa7dde71-3504-4361-80f5-
ae970d1c04af
SM_V9_7 iris    exon    15166226        15168170        .       +
        .       Parent=Smp_125200.1;Name=9110c5b8-1909-4618-a0f6-
c0172677f6e5
SM_V9_7 iris    CDS     15162029        15162737        .       +
        0       Parent=Smp_125200.1
SM_V9_7 iris    CDS     15166226        15166515        .       +
        2       Parent=Smp_125200.1
SM_V9_7 iris    gene    15190565        15204480        .       +
        .
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@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    15190565        15204480        .       +
        .
ID=Smp_340140.1;Parent=Smp_340140;geneID=Smp_340140;gene_name=Smp_34
0140;owner=irisadmin@local.host;orig_id=Smp_340140.1;date_last_modif
ied=2022-07-16;Name=Smp_340140.1;product=DNA mismatch repair protein
MutS;date_creation=2022-07-16
SM_V9_7 iris    exon    15190565        15190643        .       +
        .
Parent=Smp_340140.1;Name=2884fcc3-5b2c-427b-96e6-419c5ec1b83c
SM_V9_7 iris    exon    15191464        15191608        .       +
        .
Parent=Smp_340140.1;Name=8c3168fb-8607-419e-9a65-2e2251a14ea6
SM_V9_7 iris    exon    15191645        15191728        .       +
        .       Parent=Smp_340140.1;Name=a8377f0c-505a-4fa2-b205-
e0281c64ed32
SM_V9_7 iris    exon    15191773        15191842        .       +
        .       Parent=Smp_340140.1;Name=c8ec8083-3b33-4652-b512-
bc80a1cff8c9
SM_V9_7 iris    exon    15193408        15193509        .       +
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bc14-99138ad7f10d
SM_V9_7 iris    exon    15194346        15194396        .       +
        .       Parent=Smp_340140.1;Name=9ba10875-291f-4067-91a9-
fafb41475fe9
SM_V9_7 iris    exon    15195752        15195816        .       +
        .       Parent=Smp_340140.1;Name=09874b83-9c17-44b2-bbdf-
f5af5032194f
SM_V9_7 iris    exon    15196640        15196706        .       +
        .       Parent=Smp_340140.1;Name=8c7a8ceb-73f3-48e9-899b-
fa2f4c2992c3
SM_V9_7 iris    exon    15198587        15198664        .       +
        .       Parent=Smp_340140.1;Name=23542902-519d-414a-
b85c-2562923df766
SM_V9_7 iris    exon    15202330        15202466        .       +
        .       Parent=Smp_340140.1;Name=9d8b3df5-
c83c-4b94-8484-429e6bae2ee9
SM_V9_7 iris    exon    15203240        15203368        .       +
        .       Parent=Smp_340140.1;Name=4f0cb709-3dca-4165-b2d8-
a56a0f953ba6
SM_V9_7 iris    exon    15204038        15204166        .       +
        .       Parent=Smp_340140.1;Name=e7f8062e-ca2d-42c6-
b7f5-000950645da1
SM_V9_7 iris    exon    15204223        15204480        .       +
        .       Parent=Smp_340140.1;Name=5b53436a-bc72-47bd-
a586-8975981dd561
SM_V9_7 iris    CDS     15190639        15190643        .       +
        0       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15191464        15191608        .       +
        1       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15191645        15191728        .       +
        0       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15191773        15191842        .       +
        0       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15193408        15193509        .       +
        2       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15194346        15194396        .       +
        2       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15195752        15195816        .       +
        2       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15196640        15196706        .       +
        0       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15198587        15198664        .       +
        2       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15202330        15202466        .       +
        2       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15203240        15203368        .       +
        0       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15204038        15204166        .       +
        0       Parent=Smp_340140.1
SM_V9_7 iris    CDS     15204223        15204309        .       +
        0       Parent=Smp_340140.1
SM_V9_7 iris    gene    15213541        15224298        .       -
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ID=Smp_342150;geneID=Smp_342150;gene_name=Smp_342150;owner=irisadmin
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2150;owner=irisadmin@local.host;orig_id=Smp_342150.1;date_last_modif
ied=2022-07-16;Name=Smp_342150.1;product=Acetylcholinesterase;date_c
reation=2022-07-16
SM_V9_7 iris    exon    15213541        15213729        .       -
        .
Parent=Smp_342150.1;Name=6e09321b-6f7b-4e20-93c5-48c5f31592d3
SM_V9_7 iris    exon    15216081        15216374        .       -
        .       Parent=Smp_342150.1;Name=21569de1-0c1b-4fbd-9ded-
eaae52096474
SM_V9_7 iris    exon    15216417        15216639        .       -
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b4f0-8f9be20f001a
SM_V9_7 iris    CDS     15213629        15213729        .       -
        2       Parent=Smp_342150.1
SM_V9_7 iris    CDS     15216081        15216363        .       -
        0       Parent=Smp_342150.1
SM_V9_7 iris    gene    15220892        15223860        .       -
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ID=Smp_349010;geneID=Smp_349010;gene_name=Smp_349010;owner=irisadmin
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SM_V9_7 iris    mRNA    15220892        15223860        .       -
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9010;owner=irisadmin@local.host;orig_id=Smp_342150.1;date_last_modif
ied=2022-08-02;Name=Smp_349010.1;date_creation=2022-07-16
SM_V9_7 iris    exon    15220892        15221138        .       -
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SM_V9_7 iris    exon    15223684        15223860        .       -
        .       Parent=Smp_349010.1;Name=c009b723-fa31-4d8f-8d2d-
b0165f6cc50f
SM_V9_7 iris    CDS     15220987        15221106        .       -
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SM_V9_7 Liftoff gene    15243674        15250053        .       +
        .
ID=Smp_342140;geneID=Smp_342140;previous_systematic_id=Smp_125170
SM_V9_7 Liftoff mRNA    15243674        15250053        .       +
        .
ID=Smp_342140.1;Parent=Smp_342140;geneID=Smp_342140;product=DnaJ
homolog subfamily C member
27;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_7 Liftoff exon    15243674        15243771        .       +
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SM_V9_7 Liftoff exon    15243800        15243882        .       +
        .       Parent=Smp_342140.1
SM_V9_7 Liftoff exon    15243913        15250053        .       +
        .       Parent=Smp_342140.1
SM_V9_7 Liftoff CDS     15243706        15243771        .       +
        0       Parent=Smp_342140.1
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SM_V9_7 Liftoff CDS     15243800        15243882        .       +
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SM_V9_7 iris    gene    15268939        15314875        .       -
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-16
SM_V9_7 iris    mRNA    15268939        15314875        .       -
        .
ID=Smp_125160.1;Parent=Smp_125160;geneID=Smp_125160;gene_name=Smp_12
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ied=2022-07-18;Name=Smp_125160.1;product=Hypothetical
protein;date_creation=2022-07-16
SM_V9_7 iris    exon    15268939        15270635        .       -
        .       Parent=Smp_125160.1;Name=3439dd3f-62c6-43e5-
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SM_V9_7 iris    exon    15271198        15271896        .       -
        .       Parent=Smp_125160.1;Name=f7685bb9-eec3-4522-840e-
e01a4e855593
SM_V9_7 iris    exon    15275807        15277110        .       -
        .       Parent=Smp_125160.1;Name=af651d54-abf0-42a1-
ad25-39e9125f28b8
SM_V9_7 iris    exon    15278437        15278832        .       -
        .       Parent=Smp_125160.1;Name=779fe701-5aa1-4986-ab59-
be66ceccb6ac
SM_V9_7 iris    exon    15281139        15281193        .       -
        .       Parent=Smp_125160.1;Name=4ea77544-8da6-4d47-b66c-
be1e3e46ea21
SM_V9_7 iris    exon    15281669        15282944        .       -
        .       Parent=Smp_125160.1;Name=d77e7292-4ad9-4f21-8e7e-
fb70c768112b
SM_V9_7 iris    exon    15284253        15284840        .       -
        .       Parent=Smp_125160.1;Name=69fd0cdb-f110-438a-8ab1-
c51370458374
SM_V9_7 iris    exon    15287728        15287836        .       -
        .
Parent=Smp_125160.1;Name=fb9405d4-9381-4dfe-8b64-4c73fcaf9097
SM_V9_7 iris    exon    15288959        15289184        .       -
        .       Parent=Smp_125160.1;Name=c1349401-81e3-487c-
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SM_V9_7 iris    exon    15290723        15291396        .       -
        .
Parent=Smp_125160.1;Name=e38f139f-56be-4f2c-8147-24f95d955abf
SM_V9_7 iris    exon    15295038        15296008        .       -
        .       Parent=Smp_125160.1;Name=3b73968f-ea3d-4f11-
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SM_V9_7 iris    exon    15297133        15297518        .       -
        .       Parent=Smp_125160.1;Name=340c1066-4a46-4cda-
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SM_V9_7 iris    exon    15301713        15301842        .       -
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SM_V9_7 iris    exon    15305988        15306070        .       -
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SM_V9_7 iris    exon    15312922        15313108        .       -
        .       Parent=Smp_125160.1;Name=93e359c5-fd51-4fd3-bbe3-
d8cb13881a22
SM_V9_7 iris    exon    15314580        15314875        .       -
        .       Parent=Smp_125160.1;Name=7ecbf0f3-6d96-4c57-ae48-
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SM_V9_7 iris    CDS     15271198        15271896        .       -
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SM_V9_7 iris    CDS     15275807        15277110        .       -
        2       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15278437        15278832        .       -
        2       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15281139        15281193        .       -
        0       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15281669        15282944        .       -
        1       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15284253        15284840        .       -
        1       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15287728        15287836        .       -
        2       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15288959        15289184        .       -
        0       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15290723        15291396        .       -
        2       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15295038        15296008        .       -
        1       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15297133        15297518        .       -
        0       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15301713        15301842        .       -
        1       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15305988        15306070        .       -
        0       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15310404        15310871        .       -
        0       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15312922        15313108        .       -
        1       Parent=Smp_125160.1
SM_V9_7 iris    CDS     15314580        15314716        .       -
        0       Parent=Smp_125160.1
SM_V9_7 iris    gene    15322302        15336070        .       +
        .
ID=Smp_125150;geneID=Smp_125150;gene_name=Smp_125150;owner=irisadmin
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SM_V9_7 iris    mRNA    15322302        15336070        .       +
        .
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c6afe3938401
SM_V9_7 iris    exon    15323946        15324331        .       +
        .
Parent=Smp_125150.1;Name=2f58186c-6de7-4b8a-8303-05987aa0c972
SM_V9_7 iris    exon    15332640        15332736        .       +
        .       Parent=Smp_125150.1;Name=f2d8d948-3494-4148-
b9b4-9ac39442bf70
SM_V9_7 iris    exon    15334683        15336070        .       +
        .       Parent=Smp_125150.1;Name=26581bd7-2c9f-4fb1-
af8e-86c4bdb883a5
SM_V9_7 iris    CDS     15323991        15324331        .       +
        0       Parent=Smp_125150.1
SM_V9_7 iris    CDS     15332640        15332736        .       +
        1       Parent=Smp_125150.1
SM_V9_7 iris    CDS     15334683        15335882        .       +
        0       Parent=Smp_125150.1
SM_V9_7 iris    gene    15355176        15390673        .       -
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@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    15355176        15390673        .       -
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0550;owner=irisadmin@local.host;orig_id=Smp_170550.1;date_last_modif
ied=2022-07-16;Name=Smp_170550.1;product=Granulins;date_creation=202
2-07-16
SM_V9_7 iris    exon    15355176        15355830        .       -
        .       Parent=Smp_170550.1;Name=2a1f1e18-4756-4f1e-a9c4-
d929183dd6e9
SM_V9_7 iris    exon    15356880        15357006        .       -
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Parent=Smp_170550.1;Name=fa6ce98a-8c67-41c7-8e5e-88cf36e46cbc
SM_V9_7 iris    exon    15360527        15360768        .       -
        .
Parent=Smp_170550.1;Name=71a7be84-290b-417c-82da-58027d6ac67a
SM_V9_7 iris    exon    15363367        15363666        .       -
        .       Parent=Smp_170550.1;Name=13753017-
b3bb-49aa-90af-9e03be94e936
SM_V9_7 iris    exon    15371914        15372168        .       -
        .       Parent=Smp_170550.1;Name=3262d1dc-bef1-48a5-
bda8-809ef055dd27
SM_V9_7 iris    exon    15375149        15375421        .       -
        .       Parent=Smp_170550.1;Name=3a94059e-0026-4892-9676-
aaa13f0484c8
SM_V9_7 iris    exon    15376949        15377200        .       -
        .       Parent=Smp_170550.1;Name=d8d1bb6f-
df69-4e29-9d98-245aed68d660
SM_V9_7 iris    exon    15378629        15378877        .       -
        .
Parent=Smp_170550.1;Name=5e383366-5c7e-4d9c-9432-96ba4cb8390d
SM_V9_7 iris    exon    15383478        15383705        .       -
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        .
Parent=Smp_170550.1;Name=66d2a5dd-7301-40af-8de8-2ae7f268079a
SM_V9_7 iris    exon    15385623        15385958        .       -
        .       Parent=Smp_170550.1;Name=00f3b579-996b-4636-
bce6-861f795b8c8b
SM_V9_7 iris    exon    15386807        15386965        .       -
        .       Parent=Smp_170550.1;Name=35978060-6959-46e3-ab35-
f4929cdc58dc
SM_V9_7 iris    exon    15390281        15390397        .       -
        .       Parent=Smp_170550.1;Name=a2add5dc-270e-4bf8-b2d2-
bffe7f1e9595
SM_V9_7 iris    exon    15390441        15390673        .       -
        .       Parent=Smp_170550.1;Name=3798a75e-570f-4d3b-a7bc-
ccfb2e031a3e
SM_V9_7 iris    CDS     15355741        15355830        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15356880        15357006        .       -
        1       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15360527        15360768        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15363367        15363666        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15371914        15372168        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15375149        15375421        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15376949        15377200        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15378629        15378877        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15383478        15383705        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15385623        15385958        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15386807        15386965        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15390281        15390397        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    CDS     15390441        15390575        .       -
        0       Parent=Smp_170550.1
SM_V9_7 iris    mRNA    15355176        15390673        .       -
        .
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2-07-16
SM_V9_7 iris    exon    15355176        15355830        .       -
        .       Parent=Smp_170550.2;Name=0186b55c-4636-4e58-
aa44-96d5ccbe2d4a
SM_V9_7 iris    exon    15356880        15357006        .       -
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a2ad-3336a6a987b1
SM_V9_7 iris    exon    15360527        15360768        .       -
        .       Parent=Smp_170550.2;Name=fc762f02-9172-4ee1-
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be1f-3f5b9f03f17c
SM_V9_7 iris    exon    15363367        15363666        .       -
        .       Parent=Smp_170550.2;Name=bd33388e-8910-4942-
bdf5-3194f13638a0
SM_V9_7 iris    exon    15371914        15372168        .       -
        .       Parent=Smp_170550.2;Name=87fa972f-2f25-4994-
a73e-5391cdaef5ef
SM_V9_7 iris    exon    15375149        15375421        .       -
        .       Parent=Smp_170550.2;Name=cf36140f-54d6-4152-
a4a5-1a4a92eac6a8
SM_V9_7 iris    exon    15376949        15377200        .       -
        .       Parent=Smp_170550.2;Name=9a7e3853-430b-478f-ba9a-
e6abb3a03874
SM_V9_7 iris    exon    15378629        15378877        .       -
        .       Parent=Smp_170550.2;Name=c97b4e7e-
a94d-4476-9c9b-247660d42cae
SM_V9_7 iris    exon    15385623        15385958        .       -
        .       Parent=Smp_170550.2;Name=af075251-
ae0d-414e-8470-9ac1e6c5d376
SM_V9_7 iris    exon    15386807        15386965        .       -
        .       Parent=Smp_170550.2;Name=fb248bc4-9701-4fca-8552-
c6a3c2b2d8f4
SM_V9_7 iris    exon    15390281        15390397        .       -
        .       Parent=Smp_170550.2;Name=20646a65-8b65-4a50-8ee4-
d1814e2be50e
SM_V9_7 iris    exon    15390441        15390673        .       -
        .       Parent=Smp_170550.2;Name=433bfe70-4692-4e09-
a3c6-8289ddf1d392
SM_V9_7 iris    CDS     15355741        15355830        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15356880        15357006        .       -
        1       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15360527        15360768        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15363367        15363666        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15371914        15372168        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15375149        15375421        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15376949        15377200        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15378629        15378877        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15385623        15385958        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15386807        15386965        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15390281        15390397        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    CDS     15390441        15390575        .       -
        0       Parent=Smp_170550.2
SM_V9_7 iris    gene    15408837        15465837        .       +
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ID=Smp_170540;geneID=Smp_170540;gene_name=Smp_170540;owner=irisadmin
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SM_V9_7 iris    mRNA    15408837        15465837        .       +
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ied=2022-07-16;Name=Smp_170540.1;product=Arginine-glutamic acid
dipeptide repeats protein;date_creation=2022-07-16
SM_V9_7 iris    exon    15408837        15408901        .       +
       .       Parent=Smp_170540.1;Name=f196596e-
fb64-4450-96fd-15ff404fdfad
SM_V9_7 iris    exon    15413538        15413972        .       +
       .       Parent=Smp_170540.1;Name=4ed1f711-0401-43a3-a181-
e8beac1563d8
SM_V9_7 iris    exon    15417138        15417346        .       +
       .
Parent=Smp_170540.1;Name=495ad28d-8d8c-42c0-8b39-95ed8c66b401
SM_V9_7 iris    exon    15420162        15420365        .       +
       .       Parent=Smp_170540.1;Name=d63052fb-
bfe1-4e60-9afc-9a5cbefb9876
SM_V9_7 iris    exon    15422833        15423936        .       +
       .       Parent=Smp_170540.1;Name=90f41ce7-bd2a-414b-8f1c-
be23fb7c2261
SM_V9_7 iris    exon    15426810        15427260        .       +
       .       Parent=Smp_170540.1;Name=15a91f97-f52f-4a4e-
a78a-07f153b1fc43
SM_V9_7 iris    exon    15430798        15431235        .       +
       .
Parent=Smp_170540.1;Name=ddaa4888-8422-4b86-9e89-3cf73196ce23
SM_V9_7 iris    exon    15435569        15435664        .       +
       .
Parent=Smp_170540.1;Name=dca1a036-853a-470a-80a3-249e7e7c220f
SM_V9_7 iris    exon    15437632        15437813        .       +
       .       Parent=Smp_170540.1;Name=0bbe074d-
bd4f-4c64-8cf8-76abb1ffab76
SM_V9_7 iris    exon    15443109        15443234        .       +
       .       Parent=Smp_170540.1;Name=c6f451ac-012a-4f3f-9978-
c7d5f7150016
SM_V9_7 iris    exon    15445833        15445854        .       +
       .       Parent=Smp_170540.1;Name=bce14d55-9d51-4c63-
aaef-3e869739b0ac
SM_V9_7 iris    exon    15447021        15447716        .       +
       .       Parent=Smp_170540.1;Name=830ca535-
edd8-4677-944f-3fbdcd9f0dde
SM_V9_7 iris    exon    15449076        15449475        .       +
       .
Parent=Smp_170540.1;Name=a21b419d-3c05-4fd7-9244-8c87dbe9d2b8
SM_V9_7 iris    exon    15450714        15451098        .       +
       .       Parent=Smp_170540.1;Name=335a1725-145c-40b9-
a2a9-06708796061a
SM_V9_7 iris    exon    15453844        15454768        .       +
       .       Parent=Smp_170540.1;Name=1c39079d-e981-4372-
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SM_V9_7 iris    exon    15457781        15457879        .       +
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SM_V9_7 iris    exon    15460557        15461312        .       +
        .       Parent=Smp_170540.1;Name=bfd7dfd0-0d4a-4e63-8382-
a9fa9247f683
SM_V9_7 iris    exon    15462122        15462786        .       +
        .       Parent=Smp_170540.1;Name=21f8d70c-c255-49a2-
b2e7-5ad138fc6bcd
SM_V9_7 iris    exon    15464711        15465837        .       +
        .       Parent=Smp_170540.1;Name=e181b606-7b33-4086-
aff1-65d7db2465c4
SM_V9_7 iris    CDS     15413669        15413972        .       +
        0       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15417138        15417346        .       +
        2       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15420162        15420365        .       +
        0       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15422833        15423936        .       +
        0       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15426810        15427260        .       +
        0       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15430798        15431235        .       +
        2       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15435569        15435664        .       +
        2       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15437632        15437813        .       +
        2       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15443109        15443234        .       +
        0       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15445833        15445854        .       +
        0       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15447021        15447716        .       +
        2       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15449076        15449475        .       +
        2       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15450714        15451098        .       +
        1       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15453844        15454768        .       +
        0       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15457781        15457879        .       +
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SM_V9_7 iris    CDS     15460557        15461312        .       +
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SM_V9_7 iris    CDS     15462122        15462786        .       +
        2       Parent=Smp_170540.1
SM_V9_7 iris    CDS     15464711        15465043        .       +
        0       Parent=Smp_170540.1
SM_V9_7 Liftoff gene    15492937        15535393        .       +
        .
ID=Smp_345970;geneID=Smp_345970;previous_systematic_id=Smp_170530
SM_V9_7 Liftoff mRNA    15492937        15535393        .       +
        .
ID=Smp_345970.1;Parent=Smp_345970;geneID=Smp_345970;product=Upstream
stimulatory factor 1;polypeptide_domain=InterPro:IPR011598
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SM_V9_7 Liftoff exon    15496180        15496873        .       +
        .       Parent=Smp_345970.1
SM_V9_7 Liftoff exon    15501692        15502089        .       +
        .       Parent=Smp_345970.1
SM_V9_7 Liftoff exon    15503548        15504163        .       +
        .       Parent=Smp_345970.1
SM_V9_7 Liftoff exon    15510906        15511418        .       +
        .       Parent=Smp_345970.1
SM_V9_7 Liftoff exon    15514164        15514235        .       +
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SM_V9_7 Liftoff exon    15524390        15524568        .       +
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SM_V9_7 Liftoff exon    15531556        15535393        .       +
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SM_V9_7 Liftoff CDS     15494462        15494488        .       +
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SM_V9_7 Liftoff CDS     15496180        15496873        .       +
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SM_V9_7 Liftoff CDS     15501692        15502089        .       +
        2       Parent=Smp_345970.1
SM_V9_7 Liftoff CDS     15503548        15504163        .       +
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SM_V9_7 Liftoff CDS     15510906        15511418        .       +
        2       Parent=Smp_345970.1
SM_V9_7 Liftoff CDS     15514164        15514235        .       +
        2       Parent=Smp_345970.1
SM_V9_7 Liftoff CDS     15524390        15524568        .       +
        2       Parent=Smp_345970.1
SM_V9_7 Liftoff CDS     15531556        15532236        .       +
        0       Parent=Smp_345970.1
SM_V9_7 Liftoff mRNA    15492937        15535393        .       +
        .
ID=Smp_345970.2;Parent=Smp_345970;geneID=Smp_345970;product=Upstream
stimulatory factor 1;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_7 Liftoff exon    15492937        15494488        .       +
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SM_V9_7 Liftoff exon    15496180        15496873        .       +
        .       Parent=Smp_345970.2
SM_V9_7 Liftoff exon    15501692        15502089        .       +
        .       Parent=Smp_345970.2
SM_V9_7 Liftoff exon    15503548        15503938        .       +
        .       Parent=Smp_345970.2
SM_V9_7 Liftoff exon    15510906        15511418        .       +
        .       Parent=Smp_345970.2
SM_V9_7 Liftoff exon    15514164        15514235        .       +
        .       Parent=Smp_345970.2
SM_V9_7 Liftoff exon    15524390        15524568        .       +
        .       Parent=Smp_345970.2
SM_V9_7 Liftoff exon    15531556        15535393        .       +
        .       Parent=Smp_345970.2
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SM_V9_7 Liftoff CDS     15494462        15494488        .       +
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SM_V9_7 Liftoff CDS     15501692        15502089        .       +
        2       Parent=Smp_345970.2
SM_V9_7 Liftoff CDS     15503548        15503938        .       +
        0       Parent=Smp_345970.2
SM_V9_7 Liftoff CDS     15510906        15511418        .       +
        2       Parent=Smp_345970.2
SM_V9_7 Liftoff CDS     15514164        15514235        .       +
        2       Parent=Smp_345970.2
SM_V9_7 Liftoff CDS     15524390        15524568        .       +
        2       Parent=Smp_345970.2
SM_V9_7 Liftoff CDS     15531556        15532236        .       +
        0       Parent=Smp_345970.2
SM_V9_7 Liftoff gene    15547681        15592036        .       -
        .
ID=Smp_345960;geneID=Smp_345960;previous_systematic_id=Smp_170520
SM_V9_7 Liftoff mRNA    15547681        15592036        .       -
        .
ID=Smp_345960.1;Parent=Smp_345960;geneID=Smp_345960;product=Hypothet
ical protein
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SM_V9_7 Liftoff exon    15561717        15562278        .       -
        .       Parent=Smp_345960.1
SM_V9_7 Liftoff exon    15577110        15577349        .       -
        .       Parent=Smp_345960.1
SM_V9_7 Liftoff exon    15580720        15580949        .       -
        .       Parent=Smp_345960.1
SM_V9_7 Liftoff exon    15587893        15588043        .       -
        .       Parent=Smp_345960.1
SM_V9_7 Liftoff exon    15589993        15590292        .       -
        .       Parent=Smp_345960.1
SM_V9_7 Liftoff exon    15591784        15592036        .       -
        .       Parent=Smp_345960.1
SM_V9_7 Liftoff CDS     15547778        15548274        .       -
        2       Parent=Smp_345960.1
SM_V9_7 Liftoff CDS     15561717        15562278        .       -
        0       Parent=Smp_345960.1
SM_V9_7 Liftoff CDS     15577110        15577349        .       -
        0       Parent=Smp_345960.1
SM_V9_7 Liftoff CDS     15580720        15580949        .       -
        2       Parent=Smp_345960.1
SM_V9_7 Liftoff CDS     15587893        15588043        .       -
        0       Parent=Smp_345960.1
SM_V9_7 Liftoff CDS     15589993        15590292        .       -
        0       Parent=Smp_345960.1
SM_V9_7 Liftoff CDS     15591784        15591957        .       -
        0       Parent=Smp_345960.1
SM_V9_7 iris    gene    15603885        15656753        .       -
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ID=Smp_345950;geneID=Smp_345950;gene_name=Smp_345950;owner=irisadmin
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dissociated protein 1;date_creation=2022-08-24
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Parent=Smp_345950.1;Name=a07975b8-0929-46ba-93fc-37d54d53acee
SM_V9_7 iris    exon    15610442        15610613        .       -
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       .
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SM_V9_7 iris    exon    15616312        15616432        .       -
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b826-1c87e7f9bd76
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SM_V9_7 iris    exon    15626463        15626651        .       -
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SM_V9_7 iris    exon    15628167        15628200        .       -
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SM_V9_7 iris    exon    15637763        15637856        .       -
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SM_V9_7 iris    exon    15655045        15655112        .       -
        .       Parent=Smp_345950.1;Name=3ef30b76-78a0-4177-8ceb-
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SM_V9_7 iris    exon    15655149        15655250        .       -
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SM_V9_7 iris    CDS     15604861        15605111        .       -
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SM_V9_7 iris    CDS     15607689        15607835        .       -
        2       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15610442        15610613        .       -
        0       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15614703        15615206        .       -
        0       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15616312        15616432        .       -
        1       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15617564        15617628        .       -
        0       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15619513        15619903        .       -
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SM_V9_7 iris    CDS     15621719        15621786        .       -
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SM_V9_7 iris    CDS     15622472        15622768        .       -
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SM_V9_7 iris    CDS     15626463        15626651        .       -
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SM_V9_7 iris    CDS     15628167        15628200        .       -
        1       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15629747        15629878        .       -
        1       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15636219        15636318        .       -
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SM_V9_7 iris    CDS     15637763        15637856        .       -
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        2       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15645480        15645697        .       -
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SM_V9_7 iris    CDS     15646872        15646948        .       -
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SM_V9_7 iris    CDS     15649117        15649294        .       -
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SM_V9_7 iris    CDS     15650914        15651258        .       -
        1       Parent=Smp_345950.1
SM_V9_7 iris    CDS     15651993        15652155        .       -
        2       Parent=Smp_345950.1
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        1       Parent=Smp_345950.1
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        0       Parent=Smp_345950.1
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SM_V9_7 Liftoff gene    15905279        15931291        .       -
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SM_V9_7 Liftoff mRNA    15905279        15931291        .       -
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ID=Smp_267250.1;Parent=Smp_267250;geneID=Smp_267250;product=WD
repeat-containing protein
25;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_term=GO:
0005515
SM_V9_7 Liftoff exon    15905279        15905607        .       -
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SM_V9_7 Liftoff exon    15911258        15911443        .       -
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        .       Parent=Smp_267250.1
SM_V9_7 Liftoff exon    15915468        15915840        .       -
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SM_V9_7 Liftoff exon    15920169        15920383        .       -
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SM_V9_7 Liftoff exon    15926048        15926222        .       -
        .       Parent=Smp_267250.1
SM_V9_7 Liftoff exon    15928551        15931291        .       -
        .       Parent=Smp_267250.1
SM_V9_7 Liftoff CDS     15905326        15905607        .       -
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SM_V9_7 Liftoff CDS     15912215        15912349        .       -
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SM_V9_7 Liftoff CDS     15913007        15913200        .       -
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SM_V9_7 Liftoff CDS     15915468        15915840        .       -
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SM_V9_7 Liftoff CDS     15920169        15920383        .       -
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SM_V9_7 Liftoff CDS     15926048        15926222        .       -
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SM_V9_7 Liftoff CDS     15928551        15928553        .       -
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ID=Smp_267240;geneID=Smp_267240;previous_systematic_id=Smp_094130
SM_V9_7 Liftoff mRNA    15934021        15952551        .       -
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ltransferase ZDHHC3;polypeptide_domain=InterPro:IPR001594
Pfam:PF01529
SM_V9_7 Liftoff exon    15934021        15936113        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff exon    15938531        15938708        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff exon    15939858        15939930        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff exon    15941250        15941349        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff exon    15943842        15943903        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff exon    15948302        15948414        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff exon    15950000        15950138        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff exon    15952393        15952551        .       -
        .       Parent=Smp_267240.1
SM_V9_7 Liftoff CDS     15935830        15936113        .       -
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SM_V9_7 Liftoff CDS     15938531        15938708        .       -
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SM_V9_7 Liftoff CDS     15939858        15939930        .       -
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SM_V9_7 Liftoff CDS     15941250        15941349        .       -
        2       Parent=Smp_267240.1
SM_V9_7 Liftoff CDS     15943842        15943903        .       -
        1       Parent=Smp_267240.1
SM_V9_7 Liftoff CDS     15948302        15948414        .       -
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SM_V9_7 Liftoff CDS     15950000        15950138        .       -
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SM_V9_7 Liftoff CDS     15952393        15952508        .       -
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SM_V9_7 Liftoff mRNA    15934021        15952551        .       -
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Pfam:PF01529
SM_V9_7 Liftoff exon    15934021        15936113        .       -
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SM_V9_7 Liftoff exon    15938531        15938708        .       -
        .       Parent=Smp_267240.2
SM_V9_7 Liftoff exon    15939858        15939930        .       -
        .       Parent=Smp_267240.2
SM_V9_7 Liftoff exon    15941250        15941349        .       -
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SM_V9_7 Liftoff exon    15943842        15943903        .       -
        .       Parent=Smp_267240.2
SM_V9_7 Liftoff exon    15948302        15952551        .       -
        .       Parent=Smp_267240.2
SM_V9_7 Liftoff CDS     15935830        15936113        .       -
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SM_V9_7 Liftoff CDS     15938531        15938708        .       -
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SM_V9_7 Liftoff CDS     15939858        15939930        .       -
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SM_V9_7 Liftoff CDS     15941250        15941349        .       -
        2       Parent=Smp_267240.2
SM_V9_7 Liftoff CDS     15943842        15943903        .       -
        1       Parent=Smp_267240.2
SM_V9_7 Liftoff CDS     15948302        15948321        .       -
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methyltransferase;polypeptide_domain=InterPro:IPR001678,IPR023267,IP
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SM_V9_7 Liftoff exon    15969882        15971755        .       +
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SM_V9_7 Liftoff exon    15978840        15978984        .       +
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SM_V9_7 Liftoff exon    15979953        15980101        .       +
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SM_V9_7 Liftoff exon    15983214        15983430        .       +
        .       Parent=Smp_211200.2
SM_V9_7 Liftoff exon    15985126        15985938        .       +
        .       Parent=Smp_211200.2
SM_V9_7 Liftoff CDS     15971645        15971755        .       +
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SM_V9_7 Liftoff CDS     15973914        15974262        .       +
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SM_V9_7 Liftoff CDS     15976960        15977083        .       +
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SM_V9_7 Liftoff CDS     15979953        15980101        .       +
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SM_V9_7 Liftoff CDS     15983214        15983430        .       +
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SM_V9_7 Liftoff CDS     15985126        15985623        .       +
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SM_V9_7 Liftoff exon    15985126        15985938        .       +
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SM_V9_7 Liftoff CDS     15971645        15971755        .       +
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SM_V9_7 Liftoff CDS     15973914        15974262        .       +
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SM_V9_7 Liftoff CDS     15976960        15977083        .       +
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SM_V9_7 Liftoff CDS     15985126        15985623        .       +
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methyltransferase 10 homolog
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SM_V9_7 Liftoff exon    15990840        15991130        .       +
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SM_V9_7 Liftoff exon    15992352        15992567        .       +
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SM_V9_7 Liftoff CDS     15988627        15988659        .       +
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SM_V9_7 Liftoff CDS     15990691        15990771        .       +
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SM_V9_7 Liftoff CDS     15990840        15991130        .       +
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SM_V9_7 Liftoff CDS     15992352        15992567        .       +
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SM_V9_7 Liftoff CDS     15994352        15994852        .       +
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3700;owner=irisadmin@local.host;orig_id=Smp_173700.1;date_last_modif
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chromosomes protein 4;date_creation=2022-09-05
SM_V9_7 iris    exon    15998951        15999246        .       -
        .       Parent=Smp_173700.1;Name=6ff17d54-
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        .       Parent=Smp_173700.1;Name=b95ed505-ea0b-4011-
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SM_V9_7 iris    exon    16006238        16006501        .       -
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        .
Parent=Smp_173700.1;Name=487df490-2d48-45f6-8b7e-005ce1fe5e90
SM_V9_7 iris    exon    16014422        16014700        .       -
        .
Parent=Smp_173700.1;Name=8f6dcdd0-535e-404c-9423-1fb71deede1a
SM_V9_7 iris    exon    16015800        16016108        .       -
        .       Parent=Smp_173700.1;Name=499da9a7-6a48-47fb-b2ab-
d15b319f594d
SM_V9_7 iris    exon    16018531        16018760        .       -
        .       Parent=Smp_173700.1;Name=8b527842-e141-47e3-a4fd-
c03ac68bb5d1
SM_V9_7 iris    exon    16022876        16023110        .       -
        .       Parent=Smp_173700.1;Name=37d59a32-0d91-43c5-b8d4-
d1aecee12d25
SM_V9_7 iris    exon    16024995        16025411        .       -
        .       Parent=Smp_173700.1;Name=e6d09afa-7197-4d2a-
b7b4-81f463c884ac
SM_V9_7 iris    exon    16027233        16027568        .       -
        .       Parent=Smp_173700.1;Name=f52d7d2e-bbbb-4861-834e-
edaf39a6d582
SM_V9_7 iris    exon    16029109        16029390        .       -
        .       Parent=Smp_173700.1;Name=f78f89ab-8ead-4a1a-
a930-36f6d1dda114
SM_V9_7 iris    exon    16031964        16032200        .       -
        .       Parent=Smp_173700.1;Name=12e8711a-
a19b-4526-806f-3ad89e9dccf4
SM_V9_7 iris    exon    16033485        16033681        .       -
        .       Parent=Smp_173700.1;Name=132bad81-fd18-4fe8-
a675-1a21361e1c38
SM_V9_7 iris    exon    16033730        16033976        .       -
        .       Parent=Smp_173700.1;Name=8f92c96c-9f00-4809-
a744-1cd2324f247b
SM_V9_7 iris    exon    16035860        16035908        .       -
        .       Parent=Smp_173700.1;Name=ca61cccb-1774-4e75-b6dd-
da5f8b35bb0f
SM_V9_7 iris    CDS     15999202        15999246        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16002991        16003673        .       -
        2       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16006238        16006501        .       -
        2       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16009177        16009612        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16011007        16011207        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16014422        16014700        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16015800        16016108        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16018531        16018760        .       -
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        2       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16022876        16023110        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16024995        16025411        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16027233        16027568        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16029109        16029390        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16031964        16032200        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16033485        16033681        .       -
        2       Parent=Smp_173700.1
SM_V9_7 iris    CDS     16033730        16033958        .       -
        0       Parent=Smp_173700.1
SM_V9_7 iris    gene    16062914        16121157        .       -
        .
ID=Smp_125080;geneID=Smp_125080;gene_name=Smp_125080;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_7 iris    mRNA    16062914        16121157        .       -
        .
ID=Smp_125080.1;Parent=Smp_125080;geneID=Smp_125080;gene_name=Smp_12
5080;owner=irisadmin@local.host;orig_id=Smp_125080.1;date_last_modif
ied=2022-08-29;Name=Smp_125080.1;product=Cytosolic carboxypeptidase
1;date_creation=2022-08-29
SM_V9_7 iris    exon    16062914        16063904        .       -
        .       Parent=Smp_125080.1;Name=89ac398b-4490-4812-
a398-2be1e216d0e2
SM_V9_7 iris    exon    16068224        16068420        .       -
        .       Parent=Smp_125080.1;Name=ae0d4ee8-e9d6-4837-ab03-
eefa71aaf4cb
SM_V9_7 iris    exon    16071234        16071363        .       -
        .
Parent=Smp_125080.1;Name=e24c284f-1823-40d9-8c6d-42877e2c65b4
SM_V9_7 iris    exon    16073652        16073853        .       -
        .
Parent=Smp_125080.1;Name=78d78917-97d2-48a4-9bf8-70e34b5e13a6
SM_V9_7 iris    exon    16074959        16075207        .       -
        .       Parent=Smp_125080.1;Name=87e59a5e-5ebc-4099-afdc-
fc2216a1a250
SM_V9_7 iris    exon    16076154        16076273        .       -
        .       Parent=Smp_125080.1;Name=c67f2d82-7be9-43e7-
bf92-74267efa856d
SM_V9_7 iris    exon    16078399        16078555        .       -
        .       Parent=Smp_125080.1;Name=41fb819a-78c5-4c42-
ba20-1d943123e881
SM_V9_7 iris    exon    16080927        16081008        .       -
        .
Parent=Smp_125080.1;Name=39bc42ee-0515-4f0b-91b9-9d7d8e18caf5
SM_V9_7 iris    exon    16083808        16084384        .       -
        .       Parent=Smp_125080.1;Name=f424ac92-a3fe-4030-832f-
f67d49084c06
SM_V9_7 iris    exon    16085463        16085801        .       -
        .       Parent=Smp_125080.1;Name=80bc7da3-6b8f-45af-a4d5-
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a3c1dbd6c89f
SM_V9_7 iris    exon    16090005        16090080        .       -
        .       Parent=Smp_125080.1;Name=9f02fa8a-b5ac-4303-90cb-
cfe546c87ba9
SM_V9_7 iris    exon    16093347        16093946        .       -
        .       Parent=Smp_125080.1;Name=361a5f20-bd5b-4856-8156-
b0c9615c5178
SM_V9_7 iris    exon    16097851        16098124        .       -
        .       Parent=Smp_125080.1;Name=0772ca33-
da53-4e61-8532-15be9d56df62
SM_V9_7 iris    exon    16099762        16099837        .       -
        .       Parent=Smp_125080.1;Name=b9ac2b47-2a86-4c11-
b035-956d69ffe379
SM_V9_7 iris    exon    16101483        16101520        .       -
        .       Parent=Smp_125080.1;Name=03b83e6c-fe32-47c0-9adc-
db837095187c
SM_V9_7 iris    exon    16102851        16102899        .       -
        .       Parent=Smp_125080.1;Name=4acf6e21-35a5-40a9-b5e2-
c4aa1f7e718d
SM_V9_7 iris    exon    16104422        16105060        .       -
        .       Parent=Smp_125080.1;Name=2cd67cc1-8cf8-4155-
b11d-8a6ee2b5d95f
SM_V9_7 iris    exon    16108249        16108395        .       -
        .       Parent=Smp_125080.1;Name=789bed00-7b17-498a-
be34-854fe4028e0c
SM_V9_7 iris    exon    16112535        16113375        .       -
        .       Parent=Smp_125080.1;Name=96266f8c-8f8e-4292-
b729-2c9c468384ef
SM_V9_7 iris    exon    16117329        16117424        .       -
        .       Parent=Smp_125080.1;Name=c446555d-
edca-4421-84c7-12e8828eeb3a
SM_V9_7 iris    exon    16118486        16118607        .       -
        .
Parent=Smp_125080.1;Name=29183896-65a3-4dec-8798-1dc4c4321f64
SM_V9_7 iris    exon    16120737        16120803        .       -
        .       Parent=Smp_125080.1;Name=934985d2-62f8-4ca6-9176-
c64dc951fdb5
SM_V9_7 iris    exon    16120834        16120898        .       -
        .       Parent=Smp_125080.1;Name=6956773e-d7ae-4573-
b235-5b9b2f177a32
SM_V9_7 iris    exon    16120943        16121157        .       -
        .       Parent=Smp_125080.1;Name=8277ddef-
afbe-4993-8729-10c19ab79db4
SM_V9_7 iris    CDS     16063313        16063904        .       -
        1       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16068224        16068420        .       -
        0       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16071234        16071363        .       -
        1       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16073652        16073853        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16074959        16075207        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16076154        16076273        .       -
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        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16078399        16078555        .       -
        0       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16080927        16081008        .       -
        1       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16083808        16084384        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16085463        16085801        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16090005        16090080        .       -
        0       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16093347        16093946        .       -
        0       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16097851        16098124        .       -
        1       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16099762        16099837        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16101483        16101520        .       -
        1       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16102851        16102899        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16104422        16105060        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16108249        16108395        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16112535        16113375        .       -
        0       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16117329        16117424        .       -
        0       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16118486        16118607        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16120737        16120803        .       -
        0       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16120834        16120898        .       -
        2       Parent=Smp_125080.1
SM_V9_7 iris    CDS     16120943        16121081        .       -
        0       Parent=Smp_125080.1
SM_V9_7 Liftoff gene    16124353        16128125        .       -
        .
ID=Smp_267230;geneID=Smp_267230;previous_systematic_id=Smp_005570
SM_V9_7 Liftoff mRNA    16124353        16128125        .       -
        .
ID=Smp_267230.1;Parent=Smp_267230;geneID=Smp_267230;product=U-box
domain-containing protein 20
SM_V9_7 Liftoff exon    16124353        16124696        .       -
        .       Parent=Smp_267230.1
SM_V9_7 Liftoff exon    16126009        16126160        .       -
        .       Parent=Smp_267230.1
SM_V9_7 Liftoff exon    16126715        16126828        .       -
        .       Parent=Smp_267230.1
SM_V9_7 Liftoff exon    16127974        16128125        .       -
        .       Parent=Smp_267230.1
SM_V9_7 Liftoff CDS     16124510        16124696        .       -
        1       Parent=Smp_267230.1
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SM_V9_7 Liftoff CDS     16126009        16126160        .       -
        0       Parent=Smp_267230.1
SM_V9_7 Liftoff CDS     16126715        16126828        .       -
        0       Parent=Smp_267230.1
SM_V9_7 Liftoff CDS     16127974        16128102        .       -
        0       Parent=Smp_267230.1
SM_V9_7 iris    gene    16131088        16143075        .       -
        .
ID=Smp_267220;geneID=Smp_267220;gene_name=Smp_267220;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_7 iris    mRNA    16131088        16143075        .       -
        .
ID=Smp_267220.1;Parent=Smp_267220;geneID=Smp_267220;gene_name=Smp_26
7220;owner=irisadmin@local.host;orig_id=Smp_267220.1;date_last_modif
ied=2022-08-29;Name=Smp_267220.1;product=Cysteine/serine-rich
nuclear protein 2;date_creation=2022-08-29
SM_V9_7 iris    exon    16131088        16132969        .       -
        .       Parent=Smp_267220.1;Name=8436c3a7-
b7c7-4ef9-8fca-2019a81ed9b3
SM_V9_7 iris    exon    16134332        16134890        .       -
        .
Parent=Smp_267220.1;Name=127ec232-0bc6-431a-899d-407fb3dba4df
SM_V9_7 iris    exon    16137393        16137815        .       -
        .       Parent=Smp_267220.1;Name=0232b1a3-94e7-4e1c-
b94e-533fd0175fc6
SM_V9_7 iris    exon    16139407        16139523        .       -
        .       Parent=Smp_267220.1;Name=f3629faf-23eb-44ab-
a4ac-631547240267
SM_V9_7 iris    exon    16140528        16140670        .       -
        .       Parent=Smp_267220.1;Name=a60692fd-d9af-4c61-9c56-
df1c6e773289
SM_V9_7 iris    exon    16142110        16143075        .       -
        .
Parent=Smp_267220.1;Name=5d9a75c0-62c6-43bc-8198-921533c92894
SM_V9_7 iris    CDS     16132593        16132969        .       -
        2       Parent=Smp_267220.1
SM_V9_7 iris    CDS     16134332        16134890        .       -
        0       Parent=Smp_267220.1
SM_V9_7 iris    CDS     16137393        16137815        .       -
        0       Parent=Smp_267220.1
SM_V9_7 iris    CDS     16139407        16139523        .       -
        0       Parent=Smp_267220.1
SM_V9_7 iris    CDS     16140528        16140670        .       -
        2       Parent=Smp_267220.1
SM_V9_7 iris    CDS     16142110        16142989        .       -
        0       Parent=Smp_267220.1
SM_V9_7 iris    gene    16169281        16248788        .       -
        .
ID=Smp_212300;geneID=Smp_212300;gene_name=Smp_212300;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    16169281        16242268        .       -
        .
ID=Smp_212300.2;Parent=Smp_212300;geneID=Smp_212300;gene_name=Smp_21
2300;owner=irisadmin@local.host;orig_id=Smp_212300.2;date_last_modif
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ied=2022-08-18;Name=Smp_212300.2;product=Hypothetical
protein;date_creation=2022-08-18
SM_V9_7 iris    exon    16169281        16170747        .       -
        .       Parent=Smp_212300.2;Name=7fee1fdb-9f06-4fbe-
a757-6dadf4c3e260
SM_V9_7 iris    exon    16175045        16175141        .       -
        .       Parent=Smp_212300.2;Name=59c63f70-3a76-4e8d-9b96-
ad9f62e3afe4
SM_V9_7 iris    exon    16177214        16177628        .       -
        .       Parent=Smp_212300.2;Name=6783f44a-c8d1-4aa3-
b807-5e1231945f81
SM_V9_7 iris    exon    16179175        16179591        .       -
        .       Parent=Smp_212300.2;Name=d7b98fac-e281-4d90-
b2e2-301eea76e471
SM_V9_7 iris    exon    16181392        16181507        .       -
        .       Parent=Smp_212300.2;Name=a80b11ed-1488-46be-
ac13-3c36da611ee0
SM_V9_7 iris    exon    16188368        16188482        .       -
        .       Parent=Smp_212300.2;Name=b8ca1163-0f4f-45c5-81d2-
d08ace62ce72
SM_V9_7 iris    exon    16189789        16189914        .       -
        .       Parent=Smp_212300.2;Name=2e48fadd-f96c-4255-a471-
d50ddd2a6c56
SM_V9_7 iris    exon    16191144        16191235        .       -
        .       Parent=Smp_212300.2;Name=8191ace4-ee67-42bb-
bb5e-6a8f62a6db56
SM_V9_7 iris    exon    16196999        16197499        .       -
        .       Parent=Smp_212300.2;Name=6607a535-8838-4b5e-
b6c3-52c051bfcdb1
SM_V9_7 iris    exon    16198198        16198695        .       -
        .       Parent=Smp_212300.2;Name=5171457d-bcbf-4233-
ac3a-4fd9b0e010d0
SM_V9_7 iris    exon    16200517        16200583        .       -
        .
Parent=Smp_212300.2;Name=7b4fa8a6-755a-44bf-8279-4aac2e97e6d8
SM_V9_7 iris    exon    16202713        16203369        .       -
        .       Parent=Smp_212300.2;Name=ef15fed4-accd-4cd9-
b17d-22f64fe1946f
SM_V9_7 iris    exon    16210846        16210953        .       -
        .       Parent=Smp_212300.2;Name=c46de2f3-e224-4331-
b99b-5483908faf48
SM_V9_7 iris    exon    16213033        16213107        .       -
        .       Parent=Smp_212300.2;Name=7a13b414-d3ac-46cd-
a085-5fb05c525bc2
SM_V9_7 iris    exon    16221813        16221921        .       -
        .       Parent=Smp_212300.2;Name=7bafcd9f-9bbb-4725-
b5a5-1e2beab642d7
SM_V9_7 iris    exon    16226483        16226960        .       -
        .       Parent=Smp_212300.2;Name=11232542-71ec-42a2-9fca-
eb5426aba4aa
SM_V9_7 iris    exon    16228051        16228806        .       -
        .       Parent=Smp_212300.2;Name=e010705e-81dc-4848-
acdb-78cc1519cfa1
SM_V9_7 iris    exon    16231952        16232153        .       -
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        .       Parent=Smp_212300.2;Name=11fe99fe-ebc1-42c5-
bde7-629880969ded
SM_V9_7 iris    exon    16236103        16236346        .       -
        .       Parent=Smp_212300.2;Name=3f1fc3c7-7f19-4972-
bf5d-1d0c87963049
SM_V9_7 iris    exon    16240549        16240708        .       -
        .       Parent=Smp_212300.2;Name=948f05d6-182c-4fe4-b6b4-
aed7a8ea42d1
SM_V9_7 iris    exon    16241801        16242268        .       -
        .       Parent=Smp_212300.2;Name=94ae9fd1-dc5e-421c-b5cf-
ed266fd10777
SM_V9_7 iris    CDS     16170327        16170747        .       -
        1       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16175045        16175141        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16177214        16177628        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16179175        16179591        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16181392        16181507        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16188368        16188482        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16189789        16189914        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16191144        16191235        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16196999        16197499        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16198198        16198695        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16200517        16200583        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16202713        16203369        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16210846        16210953        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16213033        16213107        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16221813        16221921        .       -
        1       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16226483        16226960        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16228051        16228806        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16231952        16232153        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16236103        16236346        .       -
        1       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16240549        16240708        .       -
        2       Parent=Smp_212300.2
SM_V9_7 iris    CDS     16241801        16241894        .       -
        0       Parent=Smp_212300.2
SM_V9_7 iris    mRNA    16169281        16248788        .       -
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ied=2022-08-18;Name=Smp_212300.1;product=Hypothetical
protein;date_creation=2022-08-18
SM_V9_7 iris    exon    16169281        16170747        .       -
        .       Parent=Smp_212300.1;Name=0267b9a3-e31d-4496-9324-
e82513c1eec2
SM_V9_7 iris    exon    16175045        16175141        .       -
        .       Parent=Smp_212300.1;Name=279388f3-c742-4ca0-
aa4a-1f7309a389a5
SM_V9_7 iris    exon    16177214        16177628        .       -
        .
Parent=Smp_212300.1;Name=cc591e0e-6a49-4cde-881f-9ccd840e31d9
SM_V9_7 iris    exon    16179175        16179591        .       -
        .       Parent=Smp_212300.1;Name=04ebf8d4-bef8-455d-
b4b5-15592daac344
SM_V9_7 iris    exon    16181392        16181507        .       -
        .       Parent=Smp_212300.1;Name=7173edf2-1480-42c5-
aee5-1158c98e0b79
SM_V9_7 iris    exon    16188368        16188482        .       -
        .       Parent=Smp_212300.1;Name=564cb570-
e943-4747-8b3e-754cae22d139
SM_V9_7 iris    exon    16189789        16189914        .       -
        .       Parent=Smp_212300.1;Name=898b3c11-61f8-4834-
a100-6b951108889a
SM_V9_7 iris    exon    16191144        16191235        .       -
        .       Parent=Smp_212300.1;Name=945ac49b-8432-419f-
a1cf-934324bee545
SM_V9_7 iris    exon    16196999        16197499        .       -
        .
Parent=Smp_212300.1;Name=32cebf00-0c03-4ab4-90fc-51d83627deed
SM_V9_7 iris    exon    16198198        16198695        .       -
        .
Parent=Smp_212300.1;Name=f7dddfbc-2ca2-4cfc-96c1-9f325a1cbcdb
SM_V9_7 iris    exon    16200517        16200583        .       -
        .       Parent=Smp_212300.1;Name=2ee9ad57-9723-42cd-
a70c-4c8e641d7d73
SM_V9_7 iris    exon    16202713        16203369        .       -
        .       Parent=Smp_212300.1;Name=49cbcf07-df3e-4a9a-
aa67-33a141dbdb38
SM_V9_7 iris    exon    16210846        16210953        .       -
        .       Parent=Smp_212300.1;Name=659f0176-2a84-4b3a-85e4-
a683d3faa88a
SM_V9_7 iris    exon    16213033        16213107        .       -
        .       Parent=Smp_212300.1;Name=b2886662-7abd-4926-
b3af-01e31dccf297
SM_V9_7 iris    exon    16221813        16221921        .       -
        .       Parent=Smp_212300.1;Name=763c4b7d-4cb3-49d8-937c-
c564e7c81338
SM_V9_7 iris    exon    16226483        16226960        .       -
        .       Parent=Smp_212300.1;Name=18e06c4d-3a4a-40c5-
b556-87257897e87c
SM_V9_7 iris    exon    16228051        16228806        .       -
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Parent=Smp_212300.1;Name=b1e3b90e-52f6-4214-8b38-2caecadc2b70
SM_V9_7 iris    exon    16231952        16232153        .       -
        .       Parent=Smp_212300.1;Name=5f3a99f1-4757-491d-
a363-23d66a5cf402
SM_V9_7 iris    exon    16236103        16236346        .       -
        .       Parent=Smp_212300.1;Name=04a4a789-98b2-4e04-a406-
b342495a1763
SM_V9_7 iris    exon    16240549        16240708        .       -
        .       Parent=Smp_212300.1;Name=dcf3265f-6021-4901-
bef7-685f3080beeb
SM_V9_7 iris    exon    16248454        16248788        .       -
        .       Parent=Smp_212300.1;Name=1af47a18-aec5-441e-ae93-
a4db53bef165
SM_V9_7 iris    CDS     16170327        16170747        .       -
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SM_V9_7 iris    CDS     16175045        16175141        .       -
        2       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16177214        16177628        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16179175        16179591        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16181392        16181507        .       -
        2       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16188368        16188482        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16189789        16189914        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16191144        16191235        .       -
        2       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16196999        16197499        .       -
        2       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16198198        16198695        .       -
        2       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16200517        16200583        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16202713        16203369        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16210846        16210953        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16213033        16213107        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16221813        16221921        .       -
        1       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16226483        16226960        .       -
        2       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16228051        16228806        .       -
        2       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16231952        16232153        .       -
        0       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16236103        16236346        .       -
        1       Parent=Smp_212300.1
SM_V9_7 iris    CDS     16240549        16240708        .       -
        2       Parent=Smp_212300.1
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SM_V9_7 iris    CDS     16248454        16248523        .       -
        0       Parent=Smp_212300.1
SM_V9_7 Liftoff gene    16259514        16304839        .       +
        .
ID=Smp_342130;geneID=Smp_342130;previous_systematic_id=Smp_125110
SM_V9_7 Liftoff mRNA    16259514        16304839        .       +
        .
ID=Smp_342130.1;Parent=Smp_342130;geneID=Smp_342130;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR001025,IPR001965,IPR011011,IP
R013083;Ontology_term=GO:0003682
SM_V9_7 Liftoff exon    16259514        16265688        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16267658        16267738        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16269145        16269294        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16270179        16270525        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16271083        16271647        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16273129        16273422        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16274695        16274918        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16275633        16276538        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16278022        16278298        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16279726        16279765        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16281896        16282064        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16283960        16284234        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16284798        16284941        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16287053        16287497        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16289353        16289460        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16290536        16290877        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16292200        16292525        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16294513        16294918        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16297312        16297548        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff exon    16300668        16304839        .       +
        .       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16265289        16265688        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16267658        16267738        .       +
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        2       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16269145        16269294        .       +
        2       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16270179        16270525        .       +
        2       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16271083        16271647        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16273129        16273422        .       +
        2       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16274695        16274918        .       +
        2       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16275633        16276538        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16278022        16278298        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16279726        16279765        .       +
        2       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16281896        16282064        .       +
        1       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16283960        16284234        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16284798        16284941        .       +
        1       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16287053        16287497        .       +
        1       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16289353        16289460        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16290536        16290877        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16292200        16292525        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16294513        16294918        .       +
        1       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16297312        16297548        .       +
        0       Parent=Smp_342130.1
SM_V9_7 Liftoff CDS     16300668        16303685        .       +
        0       Parent=Smp_342130.1
SM_V9_7 iris    gene    16311303        16325720        .       -
        .
ID=Smp_301260;geneID=Smp_301260;gene_name=Smp_301260;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    16311303        16325720        .       -
        .
ID=Smp_301260.2;Parent=Smp_301260;geneID=Smp_301260;gene_name=Smp_30
1260;owner=irisadmin@local.host;date_last_modified=2022-07-16;Name=S
mp_301260.2;date_creation=2022-07-16
SM_V9_7 iris    exon    16311303        16311483        .       -
        .
Parent=Smp_301260.2;Name=a0c90e13-288a-4dac-84e2-661acde6e656
SM_V9_7 iris    exon    16313684        16313908        .       -
        .       Parent=Smp_301260.2;Name=a6337dca-6019-41cb-
bbee-796602134b48
SM_V9_7 iris    exon    16315247        16315409        .       -
        .       Parent=Smp_301260.2;Name=519a35fe-2815-4574-
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a71c-28d98b33a59a
SM_V9_7 iris    exon    16325574        16325720        .       -
        .
Parent=Smp_301260.2;Name=25984d46-0301-4e0b-81e3-7ebd32700192
SM_V9_7 iris    CDS     16313732        16313908        .       -
        0       Parent=Smp_301260.2
SM_V9_7 iris    CDS     16315247        16315409        .       -
        1       Parent=Smp_301260.2
SM_V9_7 iris    CDS     16325574        16325716        .       -
        0       Parent=Smp_301260.2
SM_V9_7 iris    mRNA    16313514        16325720        .       -
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ID=Smp_301260.1;Parent=Smp_301260;geneID=Smp_301260;gene_name=Smp_30
1260;owner=irisadmin@local.host;orig_id=Smp_301260.1;date_last_modif
ied=2022-07-16;Name=Smp_301260.1;product=Gonadotropin-releasing
hormone receptor;date_creation=2022-07-16
SM_V9_7 iris    exon    16313514        16313908        .       -
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Parent=Smp_301260.1;Name=764b9c84-2b08-452d-8d61-61915c93b849
SM_V9_7 iris    exon    16315247        16315409        .       -
        .       Parent=Smp_301260.1;Name=3ff9c366-5f56-49d5-8448-
cbf53e1944a5
SM_V9_7 iris    exon    16325574        16325720        .       -
        .       Parent=Smp_301260.1;Name=e04a4008-ab6e-4bdf-
a456-353903116e2d
SM_V9_7 iris    CDS     16313732        16313908        .       -
        0       Parent=Smp_301260.1
SM_V9_7 iris    CDS     16315247        16315409        .       -
        1       Parent=Smp_301260.1
SM_V9_7 iris    CDS     16325574        16325716        .       -
        0       Parent=Smp_301260.1
SM_V9_7 Liftoff gene    16328723        16331800        .       -
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ID=Smp_301250;geneID=Smp_301250;previous_systematic_id=Smp_125120
SM_V9_7 Liftoff mRNA    16328723        16331800        .       -
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drial fission factor;polypeptide_domain=Pfam:PF05644
SM_V9_7 Liftoff exon    16328723        16329298        .       -
        .       Parent=Smp_301250.1
SM_V9_7 Liftoff exon    16331464        16331548        .       -
        .       Parent=Smp_301250.1
SM_V9_7 Liftoff exon    16331585        16331800        .       -
        .       Parent=Smp_301250.1
SM_V9_7 Liftoff CDS     16329019        16329298        .       -
        1       Parent=Smp_301250.1
SM_V9_7 Liftoff CDS     16331464        16331548        .       -
        2       Parent=Smp_301250.1
SM_V9_7 Liftoff CDS     16331585        16331750        .       -
        0       Parent=Smp_301250.1
SM_V9_7 Liftoff mRNA    16328723        16331800        .       -
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ID=Smp_301250.2;Parent=Smp_301250;geneID=Smp_301250;product=Mitochon
drial fission factor;polypeptide_domain=Pfam:PF05644
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SM_V9_7 Liftoff exon    16328723        16329298        .       -
        .       Parent=Smp_301250.2
SM_V9_7 Liftoff exon    16331464        16331800        .       -
        .       Parent=Smp_301250.2
SM_V9_7 Liftoff CDS     16329019        16329298        .       -
        1       Parent=Smp_301250.2
SM_V9_7 Liftoff CDS     16331464        16331750        .       -
        0       Parent=Smp_301250.2
SM_V9_7 Liftoff gene    16339324        16352478        .       +
        .       ID=Smp_005640;geneID=Smp_005640
SM_V9_7 Liftoff mRNA    16339324        16352478        .       +
        .
ID=Smp_005640.1;Parent=Smp_005640;geneID=Smp_005640;product=Poly(A)
RNA polymerase GLD2;polypeptide_domain=InterPro:IPR002058
Pfam:PF03828
SM_V9_7 Liftoff exon    16339324        16340509        .       +
        .       Parent=Smp_005640.1
SM_V9_7 Liftoff exon    16342057        16342212        .       +
        .       Parent=Smp_005640.1
SM_V9_7 Liftoff exon    16344682        16344825        .       +
        .       Parent=Smp_005640.1
SM_V9_7 Liftoff exon    16346455        16346630        .       +
        .       Parent=Smp_005640.1
SM_V9_7 Liftoff exon    16349104        16349368        .       +
        .       Parent=Smp_005640.1
SM_V9_7 Liftoff exon    16351789        16352478        .       +
        .       Parent=Smp_005640.1
SM_V9_7 Liftoff CDS     16340161        16340509        .       +
        0       Parent=Smp_005640.1
SM_V9_7 Liftoff CDS     16342057        16342212        .       +
        2       Parent=Smp_005640.1
SM_V9_7 Liftoff CDS     16344682        16344825        .       +
        2       Parent=Smp_005640.1
SM_V9_7 Liftoff CDS     16346455        16346630        .       +
        2       Parent=Smp_005640.1
SM_V9_7 Liftoff CDS     16349104        16349368        .       +
        0       Parent=Smp_005640.1
SM_V9_7 Liftoff CDS     16351789        16351931        .       +
        2       Parent=Smp_005640.1
SM_V9_7 Liftoff gene    16360297        16389248        .       -
        .       ID=Smp_125130;geneID=Smp_125130
SM_V9_7 Liftoff mRNA    16360297        16389248        .       -
        .
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brane protein 145;polypeptide_domain=InterPro:IPR019336
Pfam:PF10192;Ontology_term=GO:0007186,GO:0019236
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SM_V9_7 Liftoff exon    16365064        16365184        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16369685        16369857        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16371468        16371640        .       -
        .       Parent=Smp_125130.1
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SM_V9_7 Liftoff exon    16373025        16373174        .       -
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SM_V9_7 Liftoff exon    16374538        16374609        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16379566        16379692        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16381856        16382103        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16384610        16384880        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16388616        16388690        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16388727        16388801        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff exon    16388835        16389248        .       -
        .       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16360447        16360902        .       -
        0       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16365064        16365184        .       -
        1       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16369685        16369857        .       -
        0       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16371468        16371640        .       -
        2       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16373025        16373174        .       -
        2       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16374538        16374609        .       -
        2       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16379566        16379692        .       -
        0       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16381856        16382103        .       -
        2       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16384610        16384880        .       -
        0       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16388616        16388690        .       -
        0       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16388727        16388801        .       -
        0       Parent=Smp_125130.1
SM_V9_7 Liftoff CDS     16388835        16388978        .       -
        0       Parent=Smp_125130.1
SM_V9_7 iris    gene    16397294        16404398        .       -
        .
ID=Smp_267210;geneID=Smp_267210;gene_name=Smp_267210;owner=irisadmin
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SM_V9_7 iris    mRNA    16397294        16404398        .       -
        .
ID=Smp_267210.1;Parent=Smp_267210;geneID=Smp_267210;gene_name=Smp_26
7210;owner=irisadmin@local.host;orig_id=Smp_267210.1;date_last_modif
ied=2022-08-18;Name=Smp_267210.1;product=Putative long chain fatty
acid-CoA ligase VraA;date_creation=2022-08-18
SM_V9_7 iris    exon    16397294        16397820        .       -
        .       Parent=Smp_267210.1;Name=ce845648-10ad-4bc1-b581-
be917fd47b58
SM_V9_7 iris    exon    16398757        16398898        .       -
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ab2c-25fce61820e4
SM_V9_7 iris    exon    16404166        16404398        .       -
        .       Parent=Smp_267210.1;Name=9eefd0f0-14d3-49c6-
a071-770e6056a660
SM_V9_7 iris    CDS     16397785        16397820        .       -
        0       Parent=Smp_267210.1
SM_V9_7 iris    CDS     16398757        16398898        .       -
        1       Parent=Smp_267210.1
SM_V9_7 iris    CDS     16404166        16404359        .       -
        0       Parent=Smp_267210.1
SM_V9_7 Liftoff gene    16416244        16431739        .       +
        .
ID=Smp_241430;geneID=Smp_241430;previous_systematic_id=Smp_125140,Sm
p_196000
SM_V9_7 Liftoff mRNA    16416244        16431739        .       +
        .
ID=Smp_241430.1;Parent=Smp_241430;geneID=Smp_241430;product=Aquapori
n-11;polypeptide_domain=InterPro:IPR023271
SM_V9_7 Liftoff exon    16416244        16421817        .       +
        .       Parent=Smp_241430.1
SM_V9_7 Liftoff exon    16426600        16426919        .       +
        .       Parent=Smp_241430.1
SM_V9_7 Liftoff exon    16428380        16428828        .       +
        .       Parent=Smp_241430.1
SM_V9_7 Liftoff exon    16431379        16431739        .       +
        .       Parent=Smp_241430.1
SM_V9_7 Liftoff CDS     16421680        16421817        .       +
        0       Parent=Smp_241430.1
SM_V9_7 Liftoff CDS     16426600        16426919        .       +
        0       Parent=Smp_241430.1
SM_V9_7 Liftoff CDS     16428380        16428828        .       +
        1       Parent=Smp_241430.1
SM_V9_7 Liftoff CDS     16431379        16431566        .       +
        2       Parent=Smp_241430.1
SM_V9_7 Liftoff gene    16461551        16468876        .       -
        .       ID=Smp_005670;geneID=Smp_005670
SM_V9_7 Liftoff mRNA    16461551        16468876        .       -
        .
ID=Smp_005670.1;Parent=Smp_005670;geneID=Smp_005670;product=Ras-
related protein
Rab-11A;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_7 Liftoff exon    16461551        16462852        .       -
        .       Parent=Smp_005670.1
SM_V9_7 Liftoff exon    16466100        16466374        .       -
        .       Parent=Smp_005670.1
SM_V9_7 Liftoff exon    16468458        16468541        .       -
        .       Parent=Smp_005670.1
SM_V9_7 Liftoff exon    16468577        16468688        .       -
        .       Parent=Smp_005670.1
SM_V9_7 Liftoff exon    16468726        16468876        .       -
        .       Parent=Smp_005670.1
SM_V9_7 Liftoff CDS     16462722        16462852        .       -
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        2       Parent=Smp_005670.1
SM_V9_7 Liftoff CDS     16466100        16466374        .       -
        1       Parent=Smp_005670.1
SM_V9_7 Liftoff CDS     16468458        16468541        .       -
        1       Parent=Smp_005670.1
SM_V9_7 Liftoff CDS     16468577        16468688        .       -
        2       Parent=Smp_005670.1
SM_V9_7 Liftoff CDS     16468726        16468780        .       -
        0       Parent=Smp_005670.1
SM_V9_7 iris    gene    16495440        16509152        .       +
        .
ID=Smp_337130;geneID=Smp_337130;gene_name=Smp_337130;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    16495440        16509152        .       +
        .
ID=Smp_337130.1;Parent=Smp_337130;geneID=Smp_337130;gene_name=Smp_33
7130;owner=irisadmin@local.host;orig_id=Smp_337130.3;date_last_modif
ied=2022-07-16;Name=Smp_337130.1;product=Ras-related protein
Rab-11A;date_creation=2022-07-16
SM_V9_7 iris    exon    16495440        16495598        .       +
        .       Parent=Smp_337130.1;Name=66660473-da82-44ee-
a37b-5633e7a4255d
SM_V9_7 iris    exon    16495636        16495747        .       +
        .       Parent=Smp_337130.1;Name=068bb076-a837-456b-
b7f1-9d6e2c36db38
SM_V9_7 iris    exon    16495783        16495866        .       +
        .       Parent=Smp_337130.1;Name=19de652f-0959-4cf8-a3bb-
b19f8028311e
SM_V9_7 iris    exon    16497671        16497945        .       +
        .       Parent=Smp_337130.1;Name=22d1a60f-1da2-42dd-
adc0-8bf0a371f10d
SM_V9_7 iris    exon    16507886        16509152        .       +
        .
Parent=Smp_337130.1;Name=0cca93e5-065a-4cf2-8bb9-4f39ad1c11e9
SM_V9_7 iris    CDS     16495544        16495598        .       +
        0       Parent=Smp_337130.1
SM_V9_7 iris    CDS     16495636        16495747        .       +
        2       Parent=Smp_337130.1
SM_V9_7 iris    CDS     16495783        16495866        .       +
        1       Parent=Smp_337130.1
SM_V9_7 iris    CDS     16497671        16497945        .       +
        1       Parent=Smp_337130.1
SM_V9_7 iris    CDS     16507886        16508016        .       +
        2       Parent=Smp_337130.1
SM_V9_7 iris    gene    16537387        16542049        .       +
        .
ID=Smp_349020;geneID=Smp_349020;gene_name=Smp_349020;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-16
SM_V9_7 iris    mRNA    16537387        16542049        .       +
        .
ID=Smp_349020.1;Parent=Smp_349020;geneID=Smp_349020;gene_name=Smp_34
9020;owner=irisadmin@local.host;orig_id=Smp_337130.1;date_last_modif
ied=2022-08-02;Name=Smp_349020.1;date_creation=2022-07-16
SM_V9_7 iris    exon    16537387        16537518        .       +
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        .       Parent=Smp_349020.1;Name=Smp_349020.1-CDS
SM_V9_7 iris    exon    16537556        16537667        .       +
        .       Parent=Smp_349020.1;Name=76e425b9-6547-4fa6-
bd2c-5cb3b2c55ffd
SM_V9_7 iris    exon    16537703        16537786        .       +
        .       Parent=Smp_349020.1;Name=7d05e977-dbd6-4da8-
a7d6-5e2838d616eb
SM_V9_7 iris    exon    16539586        16539860        .       +
        .       Parent=Smp_349020.1;Name=68b29ec2-
ba1f-4e33-949e-5e33906a95a1
SM_V9_7 iris    exon    16540816        16542049        .       +
        .
Parent=Smp_349020.1;Name=299ba9ac-235a-449e-8ca6-1d9cd6e7a293
SM_V9_7 iris    CDS     16537464        16537518        .       +
        0       Parent=Smp_349020.1
SM_V9_7 iris    CDS     16537556        16537667        .       +
        2       Parent=Smp_349020.1
SM_V9_7 iris    CDS     16537703        16537786        .       +
        1       Parent=Smp_349020.1
SM_V9_7 iris    CDS     16539586        16539860        .       +
        1       Parent=Smp_349020.1
SM_V9_7 iris    CDS     16540816        16540946        .       +
        2       Parent=Smp_349020.1
SM_V9_7 iris    gene    16561520        16593363        .       +
        .
ID=Smp_267190;geneID=Smp_267190;gene_name=Smp_267190;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    16561520        16593363        .       +
        .
ID=Smp_267190.1;Parent=Smp_267190;geneID=Smp_267190;gene_name=Smp_26
7190;owner=irisadmin@local.host;orig_id=Smp_267190.1;date_last_modif
ied=2022-08-18;Name=Smp_267190.1;product=Catenin
beta;date_creation=2022-08-18
SM_V9_7 iris    exon    16561520        16561576        .       +
        .       Parent=Smp_267190.1;Name=63c51900-f638-4414-b101-
e3ae08460041
SM_V9_7 iris    exon    16564535        16564799        .       +
        .       Parent=Smp_267190.1;Name=3bf65c9c-bf8e-42f6-b10a-
e9c9d5a0774f
SM_V9_7 iris    exon    16567802        16567954        .       +
        .       Parent=Smp_267190.1;Name=631ab1bc-8a89-42b5-
aa7f-0ac2144bb2e1
SM_V9_7 iris    exon    16570733        16570887        .       +
        .       Parent=Smp_267190.1;Name=f4d18012-
c1b2-4579-8905-9b84401507dd
SM_V9_7 iris    exon    16572285        16572487        .       +
        .       Parent=Smp_267190.1;Name=67697971-
cd4e-45b9-946f-343bc6397cf7
SM_V9_7 iris    exon    16574514        16574599        .       +
        .       Parent=Smp_267190.1;Name=0b676dfe-c87e-458a-b8a5-
bfa9aff777a7
SM_V9_7 iris    exon    16577492        16577650        .       +
        .       Parent=Smp_267190.1;Name=353d9d0e-a41d-4de7-
a2d1-82648531f6d4
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SM_V9_7 iris    exon    16579717        16579948        .       +
        .       Parent=Smp_267190.1;Name=4ac8884e-
a62a-4204-900c-5f0b4aac521b
SM_V9_7 iris    exon    16583673        16583800        .       +
        .       Parent=Smp_267190.1;Name=509ef3d1-d43b-4d07-
a2a7-58e1d8729845
SM_V9_7 iris    exon    16584905        16585044        .       +
        .       Parent=Smp_267190.1;Name=bb34a060-5c7b-4669-
bba6-1968be3547dd
SM_V9_7 iris    exon    16587489        16587724        .       +
        .       Parent=Smp_267190.1;Name=3d829221-
a266-4724-961b-6bad4fba971a
SM_V9_7 iris    exon    16588728        16588874        .       +
        .       Parent=Smp_267190.1;Name=88ae82d3-2cd2-4760-967b-
eab3650e96c1
SM_V9_7 iris    exon    16590670        16590954        .       +
        .       Parent=Smp_267190.1;Name=2a101201-68f3-4106-
b2c1-6e901c537d9e
SM_V9_7 iris    exon    16593190        16593363        .       +
        .       Parent=Smp_267190.1;Name=b3e4a8bb-b4a0-4f35-ad25-
a150263981ff
SM_V9_7 iris    CDS     16564614        16564799        .       +
        0       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16567802        16567954        .       +
        0       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16570733        16570887        .       +
        0       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16572285        16572487        .       +
        1       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16574514        16574599        .       +
        2       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16577492        16577650        .       +
        0       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16579717        16579948        .       +
        0       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16583673        16583800        .       +
        2       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16584905        16585044        .       +
        0       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16587489        16587724        .       +
        1       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16588728        16588874        .       +
        2       Parent=Smp_267190.1
SM_V9_7 iris    CDS     16590670        16590923        .       +
        2       Parent=Smp_267190.1
SM_V9_7 iris    gene    16594515        16602384        .       +
        .
ID=Smp_318510;geneID=Smp_318510;gene_name=Smp_318510;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    16594515        16602384        .       +
        .
ID=Smp_318510.1;Parent=Smp_318510;geneID=Smp_318510;gene_name=Smp_31
8510;owner=irisadmin@local.host;orig_id=Smp_318510.1;date_last_modif
ied=2022-08-18;Name=Smp_318510.1;product=Catenin
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beta;date_creation=2022-08-18
SM_V9_7 iris    exon    16594515        16594575        .       +
        .       Parent=Smp_318510.1;Name=d2438d36-4fe3-42e7-
a4e3-9242e2528ac5
SM_V9_7 iris    exon    16597753        16597903        .       +
        .       Parent=Smp_318510.1;Name=2fb1a8ea-fc43-4afc-8ac3-
ddddc97580ac
SM_V9_7 iris    exon    16599699        16599983        .       +
        .       Parent=Smp_318510.1;Name=feac01c1-3afa-44c0-ad2c-
b0d77ad493fb
SM_V9_7 iris    exon    16602220        16602384        .       +
        .
Parent=Smp_318510.1;Name=c0d46bb6-6f63-4320-86ce-56cefa9d892b
SM_V9_7 iris    CDS     16594546        16594575        .       +
        0       Parent=Smp_318510.1
SM_V9_7 iris    CDS     16597753        16597903        .       +
        0       Parent=Smp_318510.1
SM_V9_7 iris    CDS     16599699        16599952        .       +
        2       Parent=Smp_318510.1
SM_V9_7 iris    gene    16604558        16622671        .       -
        .
ID=Smp_318500;geneID=Smp_318500;gene_name=Smp_318500;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    16604558        16622671        .       -
        .
ID=Smp_318500.1;Parent=Smp_318500;geneID=Smp_318500;gene_name=Smp_31
8500;owner=irisadmin@local.host;orig_id=Smp_318500.2;date_last_modif
ied=2022-08-18;Name=Smp_318500.1;product=WD repeat-containing
protein 75;date_creation=2022-08-18
SM_V9_7 iris    exon    16604558        16604837        .       -
        .
Parent=Smp_318500.1;Name=3b574cb3-63d9-4238-9dbc-5c9879ebc82e
SM_V9_7 iris    exon    16606580        16606872        .       -
        .       Parent=Smp_318500.1;Name=89d57964-e741-4342-
b107-327eef937dfa
SM_V9_7 iris    exon    16607954        16608280        .       -
        .       Parent=Smp_318500.1;Name=e30e73b9-c26a-41b9-aef6-
a799e09882d8
SM_V9_7 iris    exon    16609884        16610093        .       -
        .
Parent=Smp_318500.1;Name=1559b189-63dc-4c90-9fdb-867990c986f6
SM_V9_7 iris    exon    16611288        16611430        .       -
        .       Parent=Smp_318500.1;Name=82e10d7c-4e9d-4814-bbaf-
c0a687e30c43
SM_V9_7 iris    exon    16615925        16616202        .       -
        .       Parent=Smp_318500.1;Name=41d8cc45-a8ab-4245-
ba86-702efa5eca8a
SM_V9_7 iris    exon    16617546        16617784        .       -
        .       Parent=Smp_318500.1;Name=a184e4c5-ff83-4792-
be87-9100c87eb193
SM_V9_7 iris    exon    16618826        16619002        .       -
        .
Parent=Smp_318500.1;Name=d7e14dc9-370d-4ffe-8725-36650a999783
SM_V9_7 iris    exon    16620054        16620412        .       -
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        .
Parent=Smp_318500.1;Name=0eb9e98f-9651-4bbd-9ef9-1f1c1288aaec
SM_V9_7 iris    exon    16621963        16622036        .       -
        .       Parent=Smp_318500.1;Name=d5fb578c-
c39e-4897-9fe0-27c71ca4f632
SM_V9_7 iris    exon    16622068        16622150        .       -
        .       Parent=Smp_318500.1;Name=6e6426cc-2f3e-47de-951d-
eafc447c4325
SM_V9_7 iris    exon    16622186        16622267        .       -
        .       Parent=Smp_318500.1;Name=13b1c2b8-719f-4487-9f1f-
b247999750ed
SM_V9_7 iris    exon    16622302        16622367        .       -
        .       Parent=Smp_318500.1;Name=25e5728e-0fcd-4b88-a26c-
bc9ccb75015e
SM_V9_7 iris    exon    16622400        16622526        .       -
        .       Parent=Smp_318500.1;Name=654f02aa-4a75-4079-
bbc1-75b71b1624d9
SM_V9_7 iris    exon    16622559        16622671        .       -
        .       Parent=Smp_318500.1;Name=1742fbda-1b8f-4dd5-
ae2d-2e47a5088cfe
SM_V9_7 iris    CDS     16604616        16604837        .       -
        0       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16606580        16606872        .       -
        2       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16607954        16608280        .       -
        2       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16609884        16610093        .       -
        2       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16611288        16611430        .       -
        1       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16615925        16616202        .       -
        0       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16617546        16617784        .       -
        2       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16618826        16619002        .       -
        2       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16620054        16620412        .       -
        1       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16621963        16622036        .       -
        0       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16622068        16622150        .       -
        2       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16622186        16622267        .       -
        0       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16622302        16622367        .       -
        0       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16622400        16622526        .       -
        1       Parent=Smp_318500.1
SM_V9_7 iris    CDS     16622559        16622629        .       -
        0       Parent=Smp_318500.1
SM_V9_7 Liftoff gene    16636392        16662346        .       -
        .
ID=Smp_139430;geneID=Smp_139430;previous_systematic_id=Smp_108320
SM_V9_7 Liftoff mRNA    16636392        16662346        .       -
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        .
ID=Smp_139430.1;Parent=Smp_139430;geneID=Smp_139430;product=Pleckstr
in homology domain-containing family A member
3;polypeptide_domain=InterPro:IPR001849,IPR011993,IPR014830
Pfam:PF00169,PF08718;Ontology_term=GO:0005737,GO:0120009,GO:0120013
SM_V9_7 Liftoff exon    16636392        16637327        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff exon    16639468        16639642        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff exon    16646696        16647223        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff exon    16649493        16649621        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff exon    16651171        16651379        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff exon    16656885        16657009        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff exon    16658092        16658250        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff exon    16658299        16662346        .       -
        .       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16637046        16637327        .       -
        0       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16639468        16639642        .       -
        1       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16646696        16647223        .       -
        1       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16649493        16649621        .       -
        1       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16651171        16651379        .       -
        0       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16656885        16657009        .       -
        2       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16658092        16658250        .       -
        2       Parent=Smp_139430.1
SM_V9_7 Liftoff CDS     16658299        16658455        .       -
        0       Parent=Smp_139430.1
SM_V9_7 Liftoff mRNA    16636392        16662346        .       -
        .
ID=Smp_139430.2;Parent=Smp_139430;geneID=Smp_139430;product=Pleckstr
in homology domain-containing family A member
3;polypeptide_domain=InterPro:IPR001849,IPR011993,IPR014830
Pfam:PF00169,PF08718;Ontology_term=GO:0005737,GO:0120009,GO:0120013
SM_V9_7 Liftoff exon    16636392        16636765        .       -
        .       Parent=Smp_139430.2
SM_V9_7 Liftoff exon    16639468        16639642        .       -
        .       Parent=Smp_139430.2
SM_V9_7 Liftoff exon    16646696        16647223        .       -
        .       Parent=Smp_139430.2
SM_V9_7 Liftoff exon    16649493        16649621        .       -
        .       Parent=Smp_139430.2
SM_V9_7 Liftoff exon    16651171        16651379        .       -
        .       Parent=Smp_139430.2
SM_V9_7 Liftoff exon    16656885        16657009        .       -
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        .       Parent=Smp_139430.2
SM_V9_7 Liftoff exon    16658092        16658250        .       -
        .       Parent=Smp_139430.2
SM_V9_7 Liftoff exon    16658299        16662346        .       -
        .       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16636757        16636765        .       -
        0       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16639468        16639642        .       -
        1       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16646696        16647223        .       -
        1       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16649493        16649621        .       -
        1       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16651171        16651379        .       -
        0       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16656885        16657009        .       -
        2       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16658092        16658250        .       -
        2       Parent=Smp_139430.2
SM_V9_7 Liftoff CDS     16658299        16658455        .       -
        0       Parent=Smp_139430.2
SM_V9_7 Liftoff gene    16668600        16680343        .       +
        .       ID=Smp_031880;geneID=Smp_031880
SM_V9_7 Liftoff mRNA    16668600        16680343        .       +
        .
ID=Smp_031880.1;Parent=Smp_031880;geneID=Smp_031880;product=Basigin;
polypeptide_domain=InterPro:IPR007110,IPR013783
SM_V9_7 Liftoff exon    16668600        16668712        .       +
        .       Parent=Smp_031880.1
SM_V9_7 Liftoff exon    16670416        16670558        .       +
        .       Parent=Smp_031880.1
SM_V9_7 Liftoff exon    16670603        16670732        .       +
        .       Parent=Smp_031880.1
SM_V9_7 Liftoff exon    16670780        16670860        .       +
        .       Parent=Smp_031880.1
SM_V9_7 Liftoff exon    16673431        16673600        .       +
        .       Parent=Smp_031880.1
SM_V9_7 Liftoff exon    16675482        16675620        .       +
        .       Parent=Smp_031880.1
SM_V9_7 Liftoff exon    16677749        16680343        .       +
        .       Parent=Smp_031880.1
SM_V9_7 Liftoff CDS     16668658        16668712        .       +
        0       Parent=Smp_031880.1
SM_V9_7 Liftoff CDS     16670416        16670558        .       +
        2       Parent=Smp_031880.1
SM_V9_7 Liftoff CDS     16670603        16670732        .       +
        0       Parent=Smp_031880.1
SM_V9_7 Liftoff CDS     16670780        16670860        .       +
        2       Parent=Smp_031880.1
SM_V9_7 Liftoff CDS     16673431        16673600        .       +
        2       Parent=Smp_031880.1
SM_V9_7 Liftoff CDS     16675482        16675620        .       +
        0       Parent=Smp_031880.1
SM_V9_7 Liftoff CDS     16677749        16677906        .       +
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        2       Parent=Smp_031880.1
SM_V9_7 Liftoff gene    16681970        16689935        .       +
        .
ID=Smp_198920;geneID=Smp_198920;previous_systematic_id=Smp_139440
SM_V9_7 Liftoff mRNA    16681970        16689935        .       +
        .
ID=Smp_198920.1;Parent=Smp_198920;geneID=Smp_198920;product=RNases
MRP/P 32.9 kDa
subunit;polypeptide_domain=InterPro:IPR002730,IPR023534,IPR023538
Domain-of-unknown-function-
UPfam:PF0086,PF01868;Ontology_term=GO:0000172,GO:0001682,GO:0003723,
GO:0004526,GO:0004540,GO:0006364,GO:0006379,GO:0008033,GO:0030677
SM_V9_7 Liftoff exon    16681970        16687507        .       +
        .       Parent=Smp_198920.1
SM_V9_7 Liftoff exon    16689554        16689935        .       +
        .       Parent=Smp_198920.1
SM_V9_7 Liftoff CDS     16686977        16687507        .       +
        0       Parent=Smp_198920.1
SM_V9_7 Liftoff CDS     16689554        16689895        .       +
        0       Parent=Smp_198920.1
SM_V9_7 Liftoff gene    16706900        16730058        .       +
        .
ID=Smp_332400;geneID=Smp_332400;previous_systematic_id=Smp_031860,Sm
p_139440,Smp_242920
SM_V9_7 Liftoff mRNA    16706900        16730058        .       +
        .
ID=Smp_332400.1;Parent=Smp_332400;geneID=Smp_332400;product=Coatomer
subunit
delta;polypeptide_domain=InterPro:IPR011012,IPR022775,IPR028565
Pfam:PF00928,PF01217;Ontology_term=GO:0006810
SM_V9_7 Liftoff exon    16706900        16706980        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16707016        16707055        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16707094        16707177        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16708781        16708920        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16709001        16709180        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16709399        16709555        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16720926        16721223        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16722184        16722406        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16723844        16723958        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16724680        16724788        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16727819        16728035        .       +
        .       Parent=Smp_332400.1
SM_V9_7 Liftoff exon    16729772        16730058        .       +
        .       Parent=Smp_332400.1
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SM_V9_7 Liftoff CDS     16706978        16706980        .       +
        0       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16707016        16707055        .       +
        0       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16707094        16707177        .       +
        2       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16708781        16708920        .       +
        2       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16709001        16709180        .       +
        0       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16709399        16709555        .       +
        0       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16720926        16721223        .       +
        2       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16722184        16722406        .       +
        1       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16723844        16723958        .       +
        0       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16724680        16724788        .       +
        2       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16727819        16728035        .       +
        1       Parent=Smp_332400.1
SM_V9_7 Liftoff CDS     16729772        16729861        .       +
        0       Parent=Smp_332400.1
SM_V9_7 iris    gene    16733522        16746606        .       -
        .
ID=Smp_139420;geneID=Smp_139420;gene_name=Smp_139420;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    16733522        16746606        .       -
        .
ID=Smp_139420.1;Parent=Smp_139420;geneID=Smp_139420;gene_name=Smp_13
9420;owner=irisadmin@local.host;orig_id=Smp_139420.1;date_last_modif
ied=2022-08-18;Name=Smp_139420.1;product=Hypothetical
protein;date_creation=2022-08-18
SM_V9_7 iris    exon    16733522        16733661        .       -
        .       Parent=Smp_139420.1;Name=e0b654fe-
ddbd-43fa-8627-12c3caa71ce6
SM_V9_7 iris    exon    16735543        16735813        .       -
        .
Parent=Smp_139420.1;Name=4f78d9de-3a4f-4524-8657-51cb3c14602b
SM_V9_7 iris    exon    16740709        16740763        .       -
        .       Parent=Smp_139420.1;Name=c4a0f299-75f7-4f09-
bfc3-2ccc0f09bbc7
SM_V9_7 iris    exon    16743286        16743572        .       -
        .       Parent=Smp_139420.1;Name=2528a8b6-7e22-4f39-927b-
f483776bab72
SM_V9_7 iris    exon    16744258        16744608        .       -
        .       Parent=Smp_139420.1;Name=9c4efd85-
a4c8-43e8-98bb-8f7b8d24b64a
SM_V9_7 iris    exon    16746238        16746606        .       -
        .       Parent=Smp_139420.1;Name=6a279af6-e646-464d-
a0ce-867355b84b09
SM_V9_7 iris    CDS     16735556        16735813        .       -
        0       Parent=Smp_139420.1
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SM_V9_7 iris    CDS     16740709        16740763        .       -
        1       Parent=Smp_139420.1
SM_V9_7 iris    CDS     16743286        16743572        .       -
        0       Parent=Smp_139420.1
SM_V9_7 iris    CDS     16744258        16744608        .       -
        0       Parent=Smp_139420.1
SM_V9_7 iris    CDS     16746238        16746285        .       -
        0       Parent=Smp_139420.1
SM_V9_7 Liftoff gene    16762140        16857913        .       +
        .       ID=Smp_139410;geneID=Smp_139410
SM_V9_7 Liftoff mRNA    16762140        16857913        .       +
        .
ID=Smp_139410.1;Parent=Smp_139410;geneID=Smp_139410;product=Small
conductance calcium-activated potassium channel
protein;polypeptide_domain=InterPro:IPR004178,IPR013099,IPR015449
Pfam:PF02888,PF03530,PF07885;Ontology_term=GO:0005516,GO:0006813,GO:
0015269,GO:0016021,GO:0016286
SM_V9_7 Liftoff exon    16762140        16763008        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16800256        16800575        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16810132        16810412        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16817590        16818073        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16820522        16820617        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16822173        16822502        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16836112        16836233        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16839068        16839203        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16841987        16842097        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16844686        16844813        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16847928        16847997        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16854996        16855097        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff exon    16857759        16857913        .       +
        .       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16762402        16763008        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16800256        16800575        .       +
        2       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16810132        16810412        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16817590        16818073        .       +
        1       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16820522        16820617        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16822173        16822502        .       +
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        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16836112        16836233        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16839068        16839203        .       +
        1       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16841987        16842097        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16844686        16844813        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16847928        16847997        .       +
        1       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16854996        16855097        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff CDS     16857759        16857812        .       +
        0       Parent=Smp_139410.1
SM_V9_7 Liftoff gene    16936741        17078800        .       +
        .
ID=Smp_343310;geneID=Smp_343310;previous_systematic_id=Smp_139400
SM_V9_7 Liftoff mRNA    16936741        17078800        .       +
        .
ID=Smp_343310.1;Parent=Smp_343310;geneID=Smp_343310;product=Tensin-1
;polypeptide_domain=InterPro:IPR000008,IPR000980,IPR006020,IPR011993
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Pfam:PF00017,PF08416,PF10409;Ontology_term=GO:0005515
SM_V9_7 Liftoff exon    16936741        16937227        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16967466        16967504        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16969720        16970050        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16974944        16975041        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16976194        16976241        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16977850        16978166        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16980993        16981082        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16987052        16987639        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16988859        16988993        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16991176        16991252        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    16996173        16996238        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17000226        17000552        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17027721        17028158        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17030466        17030656        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17032287        17032623        .       +
        .       Parent=Smp_343310.1
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SM_V9_7 Liftoff exon    17034229        17034573        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17036252        17036323        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17039654        17039848        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17042352        17042389        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17044940        17044991        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17047031        17047136        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17050691        17050743        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17052731        17053087        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17054497        17054586        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17056671        17056781        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17059700        17060092        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17062229        17062525        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17065025        17065125        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17072870        17073006        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17075246        17075290        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff exon    17078398        17078800        .       +
        .       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16937105        16937227        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16967466        16967504        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16969720        16970050        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16974944        16975041        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16976194        16976241        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16977850        16978166        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16980993        16981082        .       +
        1       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16987052        16987639        .       +
        1       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16988859        16988993        .       +
        1       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16991176        16991252        .       +
        1       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     16996173        16996238        .       +
        2       Parent=Smp_343310.1
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SM_V9_7 Liftoff CDS     17000226        17000552        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17027721        17028158        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17030466        17030656        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17032287        17032623        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17034229        17034573        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17036252        17036323        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17039654        17039848        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17042352        17042389        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17044940        17044991        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17047031        17047136        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17050691        17050743        .       +
        1       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17052731        17053087        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17054497        17054586        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17056671        17056781        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17059700        17060092        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17062229        17062525        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17065025        17065125        .       +
        2       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17072870        17073006        .       +
        0       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17075246        17075290        .       +
        1       Parent=Smp_343310.1
SM_V9_7 Liftoff CDS     17078398        17078524        .       +
        1       Parent=Smp_343310.1
SM_V9_7 Liftoff gene    17083359        17113401        .       -
        .
ID=Smp_031770;geneID=Smp_031770;previous_systematic_id=Smp_139390
SM_V9_7 Liftoff mRNA    17083359        17113400        .       -
        .
ID=Smp_031770.3;Parent=Smp_031770;geneID=Smp_031770;product=Tropomyo
sin II isoform 16;evidence=Traceable Author
Statement;literature=PMID:24657550;polypeptide_domain=InterPro:IPR00
0533 Pfam:PF00261,PF12718
SM_V9_7 Liftoff exon    17083359        17083834        .       -
        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17090348        17090417        .       -
        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17092962        17093024        .       -
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        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17094802        17094877        .       -
        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17096953        17097023        .       -
        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17098558        17098675        .       -
        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17100552        17100685        .       -
        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17100989        17101597        .       -
        .       Parent=Smp_031770.3
SM_V9_7 Liftoff exon    17105915        17106092        .       -
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SM_V9_7 Liftoff CDS     17096953        17097023        .       -
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SM_V9_7 Liftoff exon    17465404        17465840        .       -
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SM_V9_7 Liftoff exon    17466388        17466793        .       -
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SM_V9_7 Liftoff exon    17466388        17466793        .       -
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SM_V9_7 Liftoff exon    17468054        17468102        .       -
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Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
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SM_V9_7 Liftoff exon    17491190        17491382        .       +
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SM_V9_7 Liftoff exon    17495168        17495395        .       +
        .       Parent=Smp_139340.1
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SM_V9_7 Liftoff CDS     17495168        17495395        .       +
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SM_V9_7 Liftoff CDS     17503215        17503395        .       +
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Statement;polypeptide_domain=InterPro:IPR002394,IPR006029,IPR006201,
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Pfam:PF02931,PF02932;Ontology_term=GO:0005216,GO:0005230,GO:0006811,
GO:0016021,GO:0022848,GO:0045211
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SM_V9_7 Liftoff exon    17587580        17587715        .       +
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SM_V9_7 Liftoff exon    17591975        17592169        .       +
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SM_V9_7 Liftoff exon    17594393        17594479        .       +
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SM_V9_7 Liftoff exon    17595804        17595913        .       +
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SM_V9_7 Liftoff CDS     17568360        17568404        .       +
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SM_V9_7 Liftoff CDS     17583165        17583274        .       +
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SM_V9_7 Liftoff CDS     17587580        17587715        .       +
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SM_V9_7 Liftoff CDS     17589179        17589329        .       +
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SM_V9_7 Liftoff CDS     17591975        17592169        .       +
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SM_V9_7 Liftoff CDS     17594393        17594479        .       +
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GO:0016021,GO:0022848,GO:0045211
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SM_V9_7 Liftoff exon    17696648        17696844        .       -
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SM_V9_7 Liftoff exon    17698508        17698700        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17700262        17700462        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17702985        17703847        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17706949        17707330        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17708230        17708453        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17719044        17719217        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17720400        17720722        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17722898        17723381        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff exon    17755976        17756461        .       -
        .       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17635322        17635649        .       -
        1       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17638916        17639060        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17643327        17643610        .       -
        1       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17645238        17645631        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17647292        17647885        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17650090        17650458        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17651377        17651625        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17652248        17652399        .       -
        1       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17653264        17653732        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17655037        17655158        .       -
        1       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17656654        17656882        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17658560        17658853        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17661799        17661917        .       -
        1       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17663512        17663635        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17665477        17665575        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17666653        17666925        .       -
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        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17669006        17669179        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17680660        17680803        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17681920        17682092        .       -
        1       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17683105        17683306        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17684690        17684843        .       -
        0       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17685758        17685930        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17687818        17687952        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17690378        17690797        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17692465        17692656        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17694763        17694891        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17695584        17695791        .       -
        0       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17696648        17696844        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17698508        17698700        .       -
        0       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17700262        17700462        .       -
        0       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17702985        17703847        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17706949        17707330        .       -
        0       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17708230        17708453        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17719044        17719217        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17720400        17720722        .       -
        1       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17722898        17723381        .       -
        2       Parent=Smp_164270.2
SM_V9_7 Liftoff CDS     17755976        17756204        .       -
        0       Parent=Smp_164270.2
SM_V9_7 Liftoff gene    17772008        17785484        .       +
        .       ID=Smp_078090;geneID=Smp_078090
SM_V9_7 Liftoff mRNA    17772008        17785484        .       +
        .
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domain-containing
ribonucleoprotein;polypeptide_domain=InterPro:IPR003034 Pfam:PF02037
SM_V9_7 Liftoff exon    17772008        17773352        .       +
        .       Parent=Smp_078090.1
SM_V9_7 Liftoff exon    17773397        17773487        .       +
        .       Parent=Smp_078090.1
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SM_V9_7 Liftoff exon    17776733        17777052        .       +
        .       Parent=Smp_078090.1
SM_V9_7 Liftoff exon    17778449        17778646        .       +
        .       Parent=Smp_078090.1
SM_V9_7 Liftoff exon    17785084        17785484        .       +
        .       Parent=Smp_078090.1
SM_V9_7 Liftoff CDS     17773308        17773352        .       +
        0       Parent=Smp_078090.1
SM_V9_7 Liftoff CDS     17773397        17773487        .       +
        0       Parent=Smp_078090.1
SM_V9_7 Liftoff CDS     17776733        17777052        .       +
        2       Parent=Smp_078090.1
SM_V9_7 Liftoff CDS     17778449        17778646        .       +
        0       Parent=Smp_078090.1
SM_V9_7 Liftoff CDS     17785084        17785296        .       +
        0       Parent=Smp_078090.1
SM_V9_7 Liftoff gene    17797318        17800803        .       +
        .       ID=Smp_078110;geneID=Smp_078110
SM_V9_7 Liftoff mRNA    17797318        17800803        .       +
        .
ID=Smp_078110.1;Parent=Smp_078110;geneID=Smp_078110;product=Interleu
kin-1 beta
SM_V9_7 Liftoff exon    17797318        17798564        .       +
        .       Parent=Smp_078110.1
SM_V9_7 Liftoff exon    17800218        17800803        .       +
        .       Parent=Smp_078110.1
SM_V9_7 Liftoff CDS     17798418        17798564        .       +
        0       Parent=Smp_078110.1
SM_V9_7 Liftoff CDS     17800218        17800724        .       +
        0       Parent=Smp_078110.1
SM_V9_7 Liftoff mRNA    17797318        17800803        .       +
        .
ID=Smp_078110.2;Parent=Smp_078110;geneID=Smp_078110;product=Interleu
kin-1 beta
SM_V9_7 Liftoff exon    17797318        17798564        .       +
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SM_V9_7 Liftoff exon    17800218        17800803        .       +
        .       Parent=Smp_078110.2
SM_V9_7 Liftoff CDS     17798358        17798564        .       +
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SM_V9_7 Liftoff CDS     17800218        17800724        .       +
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SM_V9_7 Liftoff gene    17804343        17862941        .       -
        .
ID=Smp_198330;geneID=Smp_198330;previous_systematic_id=Smp_164280
SM_V9_7 Liftoff mRNA    17804343        17862941        .       -
        .
ID=Smp_198330.1;Parent=Smp_198330;geneID=Smp_198330;product=S phase
cyclin A-associated protein in the endoplasmic
reticulum;polypeptide_domain=InterPro:IPR013087,IPR032446
Pfam:PF12874,PF16501;Ontology_term=GO:0003676
SM_V9_7 Liftoff exon    17804343        17804777        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17806385        17806457        .       -
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        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17809684        17809972        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17812350        17812816        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17815992        17816173        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17817236        17817531        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17818775        17819190        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17821919        17822326        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17825685        17825808        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17829242        17829399        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17829966        17830101        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17833117        17833185        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17835325        17835455        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17835958        17836059        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17837147        17837305        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17839710        17839934        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17841963        17842094        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17843898        17844062        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17845409        17845517        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17848532        17848646        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17848683        17848919        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17852884        17853613        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17856429        17856966        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17858612        17858712        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17860409        17860851        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17861605        17861707        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff exon    17861754        17862941        .       -
        .       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17804704        17804777        .       -
        2       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17806385        17806457        .       -
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SM_V9_7 Liftoff CDS     17809684        17809972        .       -
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SM_V9_7 Liftoff CDS     17815992        17816173        .       -
        2       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17817236        17817531        .       -
        1       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17818775        17819190        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17821919        17822326        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17825685        17825808        .       -
        1       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17829242        17829399        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17829966        17830101        .       -
        1       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17833117        17833185        .       -
        1       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17835325        17835455        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17835958        17836059        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17837147        17837305        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17839710        17839934        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17841963        17842094        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17843898        17844062        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17845409        17845517        .       -
        1       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17848532        17848646        .       -
        2       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17848683        17848919        .       -
        2       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17852884        17853613        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17856429        17856966        .       -
        1       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17858612        17858712        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17860409        17860851        .       -
        2       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17861605        17861707        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff CDS     17861754        17861798        .       -
        0       Parent=Smp_198330.1
SM_V9_7 Liftoff gene    17870010        17879344        .       -
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Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_7 Liftoff exon    17870010        17870792        .       -
        .       Parent=Smp_345460.1
SM_V9_7 Liftoff exon    17872013        17872230        .       -
        .       Parent=Smp_345460.1
SM_V9_7 Liftoff exon    17874099        17874335        .       -
        .       Parent=Smp_345460.1
SM_V9_7 Liftoff exon    17876290        17876545        .       -
        .       Parent=Smp_345460.1
SM_V9_7 Liftoff exon    17876585        17879344        .       -
        .       Parent=Smp_345460.1
SM_V9_7 Liftoff CDS     17870384        17870792        .       -
        1       Parent=Smp_345460.1
SM_V9_7 Liftoff CDS     17872013        17872230        .       -
        0       Parent=Smp_345460.1
SM_V9_7 Liftoff CDS     17874099        17874335        .       -
        0       Parent=Smp_345460.1
SM_V9_7 Liftoff CDS     17876290        17876545        .       -
        1       Parent=Smp_345460.1
SM_V9_7 Liftoff CDS     17876585        17876706        .       -
        0       Parent=Smp_345460.1
SM_V9_7 Liftoff gene    17902875        17903593        .       +
        .       ID=Smp_126470;geneID=Smp_126470
SM_V9_7 Liftoff mRNA    17902875        17903593        .       +
        .
ID=Smp_126470.1;Parent=Smp_126470;geneID=Smp_126470;product=Zeaxanth
in epoxidase, chloroplastic;polypeptide_domain=InterPro:IPR032157
Pfam:PF16093;Ontology_term=GO:0043248
SM_V9_7 Liftoff exon    17902875        17902986        .       +
        .       Parent=Smp_126470.1
SM_V9_7 Liftoff exon    17903031        17903169        .       +
        .       Parent=Smp_126470.1
SM_V9_7 Liftoff exon    17903218        17903593        .       +
        .       Parent=Smp_126470.1
SM_V9_7 Liftoff CDS     17902975        17902986        .       +
        0       Parent=Smp_126470.1
SM_V9_7 Liftoff CDS     17903031        17903169        .       +
        0       Parent=Smp_126470.1
SM_V9_7 Liftoff CDS     17903218        17903498        .       +
        2       Parent=Smp_126470.1
SM_V9_7 iris    gene    17917538        17940607        .       +
        .
ID=Smp_126480;geneID=Smp_126480;gene_name=Smp_126480;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_7 iris    mRNA    17917538        17940607        .       +
        .
ID=Smp_126480.1;Parent=Smp_126480;geneID=Smp_126480;gene_name=Smp_12
6480;owner=irisadmin@local.host;orig_id=Smp_126480.1;date_last_modif
ied=2022-07-22;Name=Smp_126480.1;product=Calponin-3;date_creation=20
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22-07-22
SM_V9_7 iris    exon    17917538        17917672        .       +
        .       Parent=Smp_126480.1;Name=baa07b78-
cfb6-4112-8da8-8d905d140757
SM_V9_7 iris    exon    17919879        17920009        .       +
        .
Parent=Smp_126480.1;Name=946216e2-835f-4e5b-8e5d-4f0f9201535a
SM_V9_7 iris    exon    17923533        17923635        .       +
        .       Parent=Smp_126480.1;Name=880c2e2c-
f906-4126-9577-9ef22664b1b4
SM_V9_7 iris    exon    17930374        17930511        .       +
        .       Parent=Smp_126480.1;Name=ae262c37-299d-4c2b-b428-
a4c2cba81a83
SM_V9_7 iris    exon    17932326        17932533        .       +
        .       Parent=Smp_126480.1;Name=a6d9edbf-
def8-4346-8de1-2d5c2830184a
SM_V9_7 iris    exon    17934866        17935035        .       +
        .       Parent=Smp_126480.1;Name=4545471f-b46d-4368-9cb4-
a42f036f3036
SM_V9_7 iris    exon    17939496        17940607        .       +
        .       Parent=Smp_126480.1;Name=90d842d7-4d1a-485b-
b17f-0ac41aeed5f3
SM_V9_7 iris    CDS     17917622        17917672        .       +
        0       Parent=Smp_126480.1
SM_V9_7 iris    CDS     17919879        17920009        .       +
        0       Parent=Smp_126480.1
SM_V9_7 iris    CDS     17923533        17923635        .       +
        1       Parent=Smp_126480.1
SM_V9_7 iris    CDS     17930374        17930511        .       +
        0       Parent=Smp_126480.1
SM_V9_7 iris    CDS     17932326        17932533        .       +
        0       Parent=Smp_126480.1
SM_V9_7 iris    CDS     17934866        17935035        .       +
        2       Parent=Smp_126480.1
SM_V9_7 iris    CDS     17939496        17939780        .       +
        0       Parent=Smp_126480.1
SM_V9_7 iris    gene    17943087        17986814        .       -
        .
ID=Smp_126490;geneID=Smp_126490;gene_name=Smp_126490;owner=irisadmin
@local.host;date_last_modified=2022-08-18;date_creation=2022-08-18
SM_V9_7 iris    mRNA    17943087        17986814        .       -
        .
ID=Smp_126490.1;Parent=Smp_126490;geneID=Smp_126490;gene_name=Smp_12
6490;owner=irisadmin@local.host;orig_id=Smp_126490.1;date_last_modif
ied=2022-08-18;Name=Smp_126490.1;product=Lon protease homolog,
mitochondrial;date_creation=2022-08-18
SM_V9_7 iris    exon    17943087        17943418        .       -
        .       Parent=Smp_126490.1;Name=d4e803d9-c506-4990-
b5c5-093b65a6c46a
SM_V9_7 iris    exon    17945572        17945721        .       -
        .       Parent=Smp_126490.1;Name=4154b344-7cbf-431c-
b6e1-2b2fd1efc950
SM_V9_7 iris    exon    17946936        17947189        .       -
        .       Parent=Smp_126490.1;Name=4d928608-7687-4512-93d1-
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b19b7d09d8c4
SM_V9_7 iris    exon    17947976        17948267        .       -
        .
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SM_V9_7 iris    exon    17953713        17953853        .       -
        .       Parent=Smp_126490.1;Name=c2d7950c-0d03-4208-8c9b-
c04c6adfa1ca
SM_V9_7 iris    exon    17954568        17954807        .       -
        .       Parent=Smp_126490.1;Name=ddf65c7b-1243-494e-
b590-123e1fe5739e
SM_V9_7 iris    exon    17956460        17956603        .       -
        .       Parent=Smp_126490.1;Name=b9d6d1a8-511c-4c7a-a1fc-
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SM_V9_7 iris    exon    17957765        17957887        .       -
        .       Parent=Smp_126490.1;Name=f3f29f87-41fd-4c22-
bb8e-2fc1beb05cb7
SM_V9_7 iris    exon    17960880        17961018        .       -
        .       Parent=Smp_126490.1;Name=d39ad743-4804-4143-
bdc7-91eda1cca7cc
SM_V9_7 iris    exon    17966932        17967020        .       -
        .
Parent=Smp_126490.1;Name=123c46a3-44f6-4516-8c87-51f29ce80c83
SM_V9_7 iris    exon    17968224        17968501        .       -
        .
Parent=Smp_126490.1;Name=3d9a0f07-6230-4cc0-99a3-1471f1028914
SM_V9_7 iris    exon    17969739        17969809        .       -
        .       Parent=Smp_126490.1;Name=cff3823e-
cd94-418d-9c80-5352b57b62c2
SM_V9_7 iris    exon    17970745        17970806        .       -
        .       Parent=Smp_126490.1;Name=6ed89e3d-f3f0-478a-9677-
a6250ed98efc
SM_V9_7 iris    exon    17972770        17973104        .       -
        .       Parent=Smp_126490.1;Name=555e47c9-2e0e-4d88-a8ce-
b80f6b2ccdad
SM_V9_7 iris    exon    17975671        17975729        .       -
        .
Parent=Smp_126490.1;Name=31712170-3705-4af3-967c-14501dd5e23c
SM_V9_7 iris    exon    17977501        17977617        .       -
        .       Parent=Smp_126490.1;Name=287d1ced-c350-4463-aff8-
f41483ad99cc
SM_V9_7 iris    exon    17979985        17980076        .       -
        .       Parent=Smp_126490.1;Name=a2abf9ef-7486-4038-
a3de-43a8fb5522e2
SM_V9_7 iris    exon    17982842        17983168        .       -
        .
Parent=Smp_126490.1;Name=ad7216d7-9cad-451d-895c-9383d363c2a2
SM_V9_7 iris    exon    17985071        17985293        .       -
        .       Parent=Smp_126490.1;Name=2af72bac-fdf7-4e75-
af71-6ddc08ebca96
SM_V9_7 iris    exon    17986773        17986814        .       -
        .       Parent=Smp_126490.1;Name=febc0a39-2b88-42c8-8206-
c0bfe715d05f
SM_V9_7 iris    CDS     17943275        17943418        .       -
        0       Parent=Smp_126490.1
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SM_V9_7 iris    CDS     17945572        17945721        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17946936        17947189        .       -
        2       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17947976        17948267        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17953713        17953853        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17954568        17954807        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17956460        17956603        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17957765        17957887        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17960880        17961018        .       -
        1       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17966932        17967020        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17968224        17968501        .       -
        2       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17969739        17969809        .       -
        1       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17970745        17970806        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17972770        17973104        .       -
        2       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17975671        17975729        .       -
        1       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17977501        17977617        .       -
        1       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17979985        17980076        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17982842        17983168        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    CDS     17985071        17985232        .       -
        0       Parent=Smp_126490.1
SM_V9_7 iris    gene    17997493        18114946        .       -
        .
ID=Smp_315780;geneID=Smp_315780;gene_name=Smp_315780;owner=irisadmin
@local.host;date_last_modified=2022-07-16;date_creation=2022-07-16
SM_V9_7 iris    mRNA    17997493        18065856        .       -
        .
ID=Smp_315780.2;Parent=Smp_315780;geneID=Smp_315780;gene_name=Smp_31
5780;owner=irisadmin@local.host;orig_id=Smp_315780.1;date_last_modif
ied=2022-07-16;Name=Smp_315780.2;product=Tensin;date_creation=2022-0
7-16
SM_V9_7 iris    exon    17997493        17999358        .       -
        .       Parent=Smp_315780.2;Name=7f864a51-
a482-4c61-8dcb-6c11e381b93d
SM_V9_7 iris    exon    18001800        18001844        .       -
        .       Parent=Smp_315780.2;Name=cb52f218-538d-446c-836d-
e44b1ab013dc
SM_V9_7 iris    exon    18002919        18003174        .       -
        .       Parent=Smp_315780.2;Name=aad5fdc4-4fb1-461f-
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a659-9cf9053099ed
SM_V9_7 iris    exon    18004986        18005279        .       -
        .       Parent=Smp_315780.2;Name=720e1233-
e7b8-4fd2-8a37-0b6f97207074
SM_V9_7 iris    exon    18006438        18006563        .       -
        .       Parent=Smp_315780.2;Name=bd947e2f-23fb-444d-9670-
bc1e872909dc
SM_V9_7 iris    exon    18009134        18009262        .       -
        .
Parent=Smp_315780.2;Name=cdb21dfe-4bed-46d9-8c04-19727aae3dba
SM_V9_7 iris    exon    18011047        18011126        .       -
        .       Parent=Smp_315780.2;Name=184ac88d-7520-457d-b8bc-
a214daefa2a7
SM_V9_7 iris    exon    18013363        18013471        .       -
        .       Parent=Smp_315780.2;Name=4fca48be-b485-4c63-
a570-3b7d2cb49b67
SM_V9_7 iris    exon    18017651        18018109        .       -
        .       Parent=Smp_315780.2;Name=91af01c2-b251-4195-bcb5-
e030e52cdcb6
SM_V9_7 iris    exon    18019498        18019660        .       -
        .
Parent=Smp_315780.2;Name=47cdb39d-68ff-4ff2-9862-08f7f2960c29
SM_V9_7 iris    exon    18021131        18021246        .       -
        .       Parent=Smp_315780.2;Name=409f7ec8-d45d-4c16-
b845-87cb40669200
SM_V9_7 iris    exon    18023788        18023862        .       -
        .       Parent=Smp_315780.2;Name=3487b1fc-fe12-4197-af52-
c2437ac345a7
SM_V9_7 iris    exon    18030057        18030098        .       -
        .       Parent=Smp_315780.2;Name=2881ae2a-9373-41a2-a7e2-
fadcb7b3a83b
SM_V9_7 iris    exon    18032171        18032224        .       -
        .
Parent=Smp_315780.2;Name=fcf5c211-9a98-499e-840b-22ea09e3409b
SM_V9_7 iris    exon    18033980        18034027        .       -
        .       Parent=Smp_315780.2;Name=1ceac011-33c3-4708-8193-
df68e5835eb6
SM_V9_7 iris    exon    18035746        18036375        .       -
        .       Parent=Smp_315780.2;Name=36acbf0a-c353-441c-844b-
ec639f4b8fb4
SM_V9_7 iris    exon    18046761        18046826        .       -
        .       Parent=Smp_315780.2;Name=424ba956-96b8-4e8a-ac69-
b864d5c12d0b
SM_V9_7 iris    exon    18064876        18065856        .       -
        .       Parent=Smp_315780.2;Name=997a6e71-c260-40af-ae2e-
fedbb240a30a
SM_V9_7 iris    CDS     17999217        17999358        .       -
        1       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18001800        18001844        .       -
        1       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18002919        18003174        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18004986        18005279        .       -
        2       Parent=Smp_315780.2
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SM_V9_7 iris    CDS     18006438        18006563        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18009134        18009262        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18011047        18011126        .       -
        1       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18013363        18013471        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18017651        18018109        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18019498        18019660        .       -
        0       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18021131        18021246        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18023788        18023862        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18030057        18030098        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18032171        18032224        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18033980        18034027        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18035746        18036375        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18046761        18046826        .       -
        2       Parent=Smp_315780.2
SM_V9_7 iris    CDS     18064876        18065578        .       -
        0       Parent=Smp_315780.2
SM_V9_7 iris    mRNA    17997493        18114946        .       -
        .
ID=Smp_315780.1;Parent=Smp_315780;geneID=Smp_315780;gene_name=Smp_31
5780;owner=irisadmin@local.host;orig_id=Smp_315780.3;date_last_modif
ied=2022-07-16;Name=Smp_315780.1;product=Tensin;date_creation=2022-0
7-16
SM_V9_7 iris    exon    17997493        17999358        .       -
        .       Parent=Smp_315780.1;Name=5de429c3-0983-49e6-93df-
ff10da2ad360
SM_V9_7 iris    exon    18001800        18001844        .       -
        .
Parent=Smp_315780.1;Name=78fd125d-58ac-49b4-9f09-16998de7d417
SM_V9_7 iris    exon    18002919        18003174        .       -
        .       Parent=Smp_315780.1;Name=41bdbc05-
b78c-4571-9b97-563252e88f88
SM_V9_7 iris    exon    18004986        18005279        .       -
        .       Parent=Smp_315780.1;Name=3ed4b261-6647-4a67-8d86-
e9d5cb7acede
SM_V9_7 iris    exon    18006438        18006563        .       -
        .       Parent=Smp_315780.1;Name=ddfab9cb-b9e5-484c-b68c-
fa8a2af9570d
SM_V9_7 iris    exon    18009134        18009262        .       -
        .       Parent=Smp_315780.1;Name=83b56a61-771b-48b4-bd3b-
d3df3b1d516a
SM_V9_7 iris    exon    18011047        18011126        .       -
        .       Parent=Smp_315780.1;Name=685d7be2-5dd0-45ff-
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a337-74d56998fb1f
SM_V9_7 iris    exon    18013363        18013471        .       -
        .       Parent=Smp_315780.1;Name=da47f7b5-def2-4b87-
b0ff-4205c29bfed5
SM_V9_7 iris    exon    18017651        18018109        .       -
        .
Parent=Smp_315780.1;Name=6dd3fb84-14c6-4259-9064-94e607438135
SM_V9_7 iris    exon    18019498        18019660        .       -
        .       Parent=Smp_315780.1;Name=0db1217e-ad76-4214-ba85-
f97979b2fcf2
SM_V9_7 iris    exon    18021131        18021246        .       -
        .       Parent=Smp_315780.1;Name=346c513f-1ad2-47f7-8ac6-
a39a9c056ab7
SM_V9_7 iris    exon    18023788        18023862        .       -
        .       Parent=Smp_315780.1;Name=35e3982d-92c4-4748-
abbd-53a4a000e2b5
SM_V9_7 iris    exon    18072859        18072893        .       -
        .       Parent=Smp_315780.1;Name=e134be51-e1be-42a7-9014-
cd6709600b5c
SM_V9_7 iris    exon    18075685        18075968        .       -
        .       Parent=Smp_315780.1;Name=d6e8d7c7-2051-4c84-a733-
c6ce5bbc6d35
SM_V9_7 iris    exon    18078348        18078633        .       -
        .       Parent=Smp_315780.1;Name=eb556d9f-56b3-4c7e-
bf1f-1fc315f13a49
SM_V9_7 iris    exon    18079437        18079626        .       -
        .       Parent=Smp_315780.1;Name=bed62898-cc39-44ce-8a20-
b8a493c25c81
SM_V9_7 iris    exon    18114617        18114946        .       -
        .       Parent=Smp_315780.1;Name=a52632bc-0f8e-47da-
ad4c-3b4d06124ed0
SM_V9_7 iris    CDS     17999217        17999358        .       -
        1       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18001800        18001844        .       -
        1       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18002919        18003174        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18004986        18005279        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18006438        18006563        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18009134        18009262        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18011047        18011126        .       -
        1       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18013363        18013471        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18017651        18018109        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18019498        18019660        .       -
        0       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18021131        18021246        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18023788        18023862        .       -
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        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18072859        18072893        .       -
        1       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18075685        18075968        .       -
        0       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18078348        18078633        .       -
        1       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18079437        18079626        .       -
        2       Parent=Smp_315780.1
SM_V9_7 iris    CDS     18114617        18114779        .       -
        0       Parent=Smp_315780.1
SM_V9_7 iris    gene    18127439        18143898        .       +
        .
ID=Smp_126520;geneID=Smp_126520;gene_name=Smp_126520;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_7 iris    mRNA    18127439        18143898        .       +
        .
ID=Smp_126520.1;Parent=Smp_126520;geneID=Smp_126520;gene_name=Smp_12
6520;owner=irisadmin@local.host;orig_id=Smp_126520.1;date_last_modif
ied=2022-07-22;Name=Smp_126520.1;product=Signal transducing adapter
molecule 1;date_creation=2022-07-22
SM_V9_7 iris    exon    18127439        18127508        .       +
        .       Parent=Smp_126520.1;Name=6886ffb0-0de4-466f-
b821-7a1f056cab10
SM_V9_7 iris    exon    18130834        18130912        .       +
        .       Parent=Smp_126520.1;Name=eecfd9a7-cc3f-42f9-bda3-
f5343af951f8
SM_V9_7 iris    exon    18130949        18131024        .       +
        .       Parent=Smp_126520.1;Name=22f3cabd-4633-41fc-a7dd-
cd3dac23f186
SM_V9_7 iris    exon    18131070        18131162        .       +
        .       Parent=Smp_126520.1;Name=f7eab673-d343-4429-9d0b-
f32a5cb29159
SM_V9_7 iris    exon    18131214        18131296        .       +
        .       Parent=Smp_126520.1;Name=a36ca24a-0d87-4451-8fbf-
af03ccb355b7
SM_V9_7 iris    exon    18131343        18131418        .       +
        .
Parent=Smp_126520.1;Name=9b4d290a-41b3-4120-96e9-3281d3cd214c
SM_V9_7 iris    exon    18133711        18133783        .       +
        .
Parent=Smp_126520.1;Name=7bfd68c0-85a1-4ffe-8a87-3a56022b972c
SM_V9_7 iris    exon    18136270        18137129        .       +
        .
Parent=Smp_126520.1;Name=acd47aa4-1d11-45ff-8059-831ac9aec425
SM_V9_7 iris    exon    18139536        18139794        .       +
        .
Parent=Smp_126520.1;Name=46872fc9-684c-4fb6-9482-5419288c921d
SM_V9_7 iris    exon    18140605        18140727        .       +
        .       Parent=Smp_126520.1;Name=35667946-
e2e9-4820-8f6a-608091204d64
SM_V9_7 iris    exon    18143535        18143898        .       +
        .
Parent=Smp_126520.1;Name=be167af8-2d73-4126-85cc-8f1d832591ea
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SM_V9_7 iris    CDS     18127493        18127508        .       +
        0       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18130834        18130912        .       +
        2       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18130949        18131024        .       +
        1       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18131070        18131162        .       +
        0       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18131214        18131296        .       +
        0       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18131343        18131418        .       +
        1       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18133711        18133783        .       +
        0       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18136270        18137129        .       +
        2       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18139536        18139794        .       +
        0       Parent=Smp_126520.1
SM_V9_7 iris    CDS     18140605        18140702        .       +
        2       Parent=Smp_126520.1
SM_V9_7 iris    gene    18152502        18153351        .       +
        .
ID=Smp_008070;geneID=Smp_008070;gene_name=Smp_008070;owner=irisadmin
@local.host;date_last_modified=2022-08-29;date_creation=2022-08-29
SM_V9_7 iris    mRNA    18152502        18153351        .       +
        .
ID=Smp_008070.1;Parent=Smp_008070;geneID=Smp_008070;gene_name=Smp_00
8070;owner=irisadmin@local.host;orig_id=Smp_008070.1;date_last_modif
ied=2022-08-29;Name=Smp_008070.1;product=Thioredoxin-2;date_creation
=2022-08-29
SM_V9_7 iris    exon    18152502        18152606        .       +
        .       Parent=Smp_008070.1;Name=b4290d56-3151-41fa-84de-
cbdb6928f652
SM_V9_7 iris    exon    18152847        18153008        .       +
        .       Parent=Smp_008070.1;Name=474b1c60-
fb49-468a-8bee-142ec6c00eab
SM_V9_7 iris    exon    18153134        18153351        .       +
        .       Parent=Smp_008070.1;Name=68570b7b-
f5be-4095-9972-9a022378a24b
SM_V9_7 iris    CDS     18152577        18152606        .       +
        0       Parent=Smp_008070.1
SM_V9_7 iris    CDS     18152847        18153008        .       +
        0       Parent=Smp_008070.1
SM_V9_7 iris    CDS     18153134        18153262        .       +
        0       Parent=Smp_008070.1
SM_V9_7 Liftoff gene    18176700        18187404        .       +
        .       ID=Smp_175810;geneID=Smp_175810
SM_V9_7 Liftoff mRNA    18176700        18187404        .       +
        .
ID=Smp_175810.1;Parent=Smp_175810;geneID=Smp_175810;product=39S
ribosomal protein L40,
mitochondrial;polypeptide_domain=InterPro:IPR019192 Pfam:PF09812
SM_V9_7 Liftoff exon    18176700        18184555        .       +
        .       Parent=Smp_175810.1
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SM_V9_7 Liftoff exon    18184600        18184677        .       +
        .       Parent=Smp_175810.1
SM_V9_7 Liftoff exon    18184717        18184887        .       +
        .       Parent=Smp_175810.1
SM_V9_7 Liftoff exon    18186863        18187404        .       +
        .       Parent=Smp_175810.1
SM_V9_7 Liftoff CDS     18184536        18184555        .       +
        0       Parent=Smp_175810.1
SM_V9_7 Liftoff CDS     18184600        18184677        .       +
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SM_V9_7 Liftoff CDS     18184717        18184887        .       +
        1       Parent=Smp_175810.1
SM_V9_7 Liftoff CDS     18186863        18187331        .       +
        1       Parent=Smp_175810.1
SM_V9_7 iris    gene    18187326        18222734        .       -
        .
ID=Smp_097590;geneID=Smp_097590;gene_name=Smp_097590;owner=irisadmin
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SM_V9_7 iris    mRNA    18187326        18222734        .       -
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ID=Smp_097590.1;Parent=Smp_097590;geneID=Smp_097590;gene_name=Smp_09
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ied=2022-07-16;Name=Smp_097590.1;product=Valine--tRNA
ligase;date_creation=2022-07-16
SM_V9_7 iris    exon    18187326        18187495        .       -
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e9d6-4b68-970c-17a0bc3a2f2b
SM_V9_7 iris    exon    18190306        18190611        .       -
        .
Parent=Smp_097590.1;Name=dfcb183f-58de-4e62-9714-954c2639b9d6
SM_V9_7 iris    exon    18193219        18193440        .       -
        .       Parent=Smp_097590.1;Name=836892ee-5328-4167-a701-
dc946b285e2b
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e5ca-49ef-8dcd-9348714c795f
SM_V9_7 iris    exon    18197849        18198101        .       -
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aead-6acd6eed8a63
SM_V9_7 iris    exon    18200724        18200972        .       -
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ad38-62df8a329938
SM_V9_7 iris    exon    18202974        18203211        .       -
        .       Parent=Smp_097590.1;Name=2eae299e-39a2-45ae-
be0b-1a26d158bcf2
SM_V9_7 iris    exon    18205207        18205429        .       -
        .       Parent=Smp_097590.1;Name=f90b2104-a7fb-43a9-8407-
c503e30b227c
SM_V9_7 iris    exon    18206733        18207141        .       -
        .       Parent=Smp_097590.1;Name=173291a5-f0e9-417b-af35-
cbb5988112cc
SM_V9_7 iris    exon    18209368        18209541        .       -
        .       Parent=Smp_097590.1;Name=2153ea0a-7f97-48ca-
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SM_V9_7 iris    exon    18219704        18219801        .       -
        .       Parent=Smp_097590.1;Name=2a6a8a8a-d72d-4c00-
b557-8a368d94a305
SM_V9_7 iris    exon    18221447        18221623        .       -
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b21f-498c1a311f80
SM_V9_7 iris    exon    18222314        18222414        .       -
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a912-18d09a6ced22
SM_V9_7 iris    exon    18222449        18222530        .       -
        .       Parent=Smp_097590.1;Name=5ab9d0db-b6ec-479b-9349-
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SM_V9_7 iris    exon    18222563        18222734        .       -
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a51f-8142d59f6a17
SM_V9_7 iris    CDS     18187475        18187495        .       -
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        0       Parent=Smp_097590.1
SM_V9_7 iris    CDS     18193219        18193440        .       -
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SM_V9_7 iris    CDS     18195689        18196062        .       -
        2       Parent=Smp_097590.1
SM_V9_7 iris    CDS     18197849        18198101        .       -
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SM_V9_7 iris    CDS     18200724        18200972        .       -
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SM_V9_7 iris    CDS     18202974        18203211        .       -
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SM_V9_7 iris    CDS     18205207        18205429        .       -
        2       Parent=Smp_097590.1
SM_V9_7 iris    CDS     18206733        18207141        .       -
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SM_V9_7 iris    CDS     18209368        18209541        .       -
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SM_V9_7 iris    CDS     18212697        18212884        .       -
        2       Parent=Smp_097590.1
SM_V9_7 iris    CDS     18215625        18215957        .       -
        2       Parent=Smp_097590.1
SM_V9_7 iris    CDS     18217294        18217601        .       -
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SM_V9_7 Liftoff gene    18227120        18269706        .       -
        .
ID=Smp_332390;geneID=Smp_332390;previous_systematic_id=Smp_175790,Sm
p_175820
SM_V9_7 Liftoff mRNA    18227120        18269706        .       -
        .
ID=Smp_332390.1;Parent=Smp_332390;geneID=Smp_332390;product=Probable
phospholipid-transporting ATPase
8;polypeptide_domain=InterPro:IPR001757,IPR008250,IPR018303,IPR02321
4,IPR023298,IPR023299,IPR032630,IPR032631
Pfam:PF00702,PF13246,PF16209,PF16212;Ontology_term=GO:0000166,GO:001
6021
SM_V9_7 Liftoff exon    18227120        18228407        .       -
        .       Parent=Smp_332390.1
SM_V9_7 Liftoff exon    18235378        18235698        .       -
        .       Parent=Smp_332390.1
SM_V9_7 Liftoff exon    18238670        18238943        .       -
        .       Parent=Smp_332390.1
SM_V9_7 Liftoff exon    18243984        18244258        .       -
        .       Parent=Smp_332390.1
SM_V9_7 Liftoff exon    18247238        18247780        .       -
        .       Parent=Smp_332390.1
SM_V9_7 Liftoff exon    18250184        18250489        .       -
        .       Parent=Smp_332390.1
SM_V9_7 Liftoff exon    18262428        18262742        .       -
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SM_V9_7 Liftoff exon    18267335        18269706        .       -
        .       Parent=Smp_332390.1
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SM_V9_7 Liftoff CDS     18235378        18235698        .       -
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SM_V9_7 Liftoff CDS     18238670        18238943        .       -
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SM_V9_7 Liftoff CDS     18243984        18244258        .       -
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SM_V9_7 Liftoff CDS     18247238        18247780        .       -
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SM_V9_7 Liftoff CDS     18250184        18250489        .       -
        0       Parent=Smp_332390.1
SM_V9_7 Liftoff CDS     18262428        18262742        .       -
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        0       Parent=Smp_332390.1
SM_V9_7 Liftoff mRNA    18227120        18269706        .       -
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8;polypeptide_domain=InterPro:IPR001757,IPR008250,IPR018303,IPR02321
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SM_V9_7 Liftoff exon    18235378        18235698        .       -
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SM_V9_7 Liftoff exon    18238670        18238943        .       -
        .       Parent=Smp_332390.2
SM_V9_7 Liftoff exon    18243984        18244258        .       -
        .       Parent=Smp_332390.2
SM_V9_7 Liftoff exon    18247238        18247780        .       -
        .       Parent=Smp_332390.2
SM_V9_7 Liftoff exon    18250184        18250489        .       -
        .       Parent=Smp_332390.2
SM_V9_7 Liftoff exon    18262428        18262742        .       -
        .       Parent=Smp_332390.2
SM_V9_7 Liftoff exon    18267335        18269706        .       -
        .       Parent=Smp_332390.2
SM_V9_7 Liftoff CDS     18227908        18228234        .       -
        0       Parent=Smp_332390.2
SM_V9_7 Liftoff CDS     18235378        18235698        .       -
        0       Parent=Smp_332390.2
SM_V9_7 Liftoff CDS     18238670        18238943        .       -
        1       Parent=Smp_332390.2
SM_V9_7 Liftoff CDS     18243984        18244258        .       -
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SM_V9_7 Liftoff CDS     18247238        18247780        .       -
        0       Parent=Smp_332390.2
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        0       Parent=Smp_332390.2
SM_V9_7 Liftoff CDS     18262428        18262742        .       -
        0       Parent=Smp_332390.2
SM_V9_7 Liftoff CDS     18267335        18269155        .       -
        0       Parent=Smp_332390.2
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        .       ID=Smp_097560;geneID=Smp_097560
SM_V9_7 Liftoff mRNA    18281112        18286146        .       -
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ID=Smp_097560.1;Parent=Smp_097560;geneID=Smp_097560;product=Protein
phosphatase 1 regulatory subunit
11;polypeptide_domain=InterPro:IPR011107 Pfam:PF07491
SM_V9_7 Liftoff exon    18281112        18281771        .       -
        .       Parent=Smp_097560.1
SM_V9_7 Liftoff exon    18285182        18286146        .       -
        .       Parent=Smp_097560.1
SM_V9_7 Liftoff CDS     18281373        18281771        .       -
        0       Parent=Smp_097560.1
SM_V9_7 Liftoff CDS     18285182        18285256        .       -
        0       Parent=Smp_097560.1
SM_V9_7 iris    gene    18304640        18341140        .       +
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ID=Smp_175780;geneID=Smp_175780;gene_name=Smp_175780;owner=irisadmin
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ied=2022-07-16;Name=Smp_175780.1;product=Protein fem-1 homolog
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SM_V9_7 iris    exon    18304640        18304719        .       +
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d11ba0194485
SM_V9_7 iris    exon    18307212        18307419        .       +
        .
Parent=Smp_175780.1;Name=52ff8cbd-8f6e-4732-8ba6-48409f3cf0a5
SM_V9_7 iris    exon    18307461        18307516        .       +
        .
Parent=Smp_175780.1;Name=d4f37a13-760c-49c5-8f80-2138a41d6d01
SM_V9_7 iris    exon    18310246        18310425        .       +
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beda-634c343cb0df
SM_V9_7 iris    exon    18311326        18311479        .       +
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b8cb-44fdab8fddb8
SM_V9_7 iris    exon    18319499        18320792        .       +
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bbad-4190287b4506
SM_V9_7 iris    exon    18325598        18325698        .       +
        .       Parent=Smp_175780.1;Name=11b844dc-82b7-43e9-aa11-
e40ae48a9d67
SM_V9_7 iris    exon    18327476        18327711        .       +
        .       Parent=Smp_175780.1;Name=9315b3a1-5fa5-48c4-ae17-
b9a6528376f7
SM_V9_7 iris    exon    18330738        18330983        .       +
        .       Parent=Smp_175780.1;Name=5e032c9f-26d4-405e-9df6-
f06bd670288b
SM_V9_7 iris    exon    18333352        18333742        .       +
        .
Parent=Smp_175780.1;Name=51da2e32-6add-449d-8088-1379b2757b0b
SM_V9_7 iris    exon    18337076        18337357        .       +
        .       Parent=Smp_175780.1;Name=29b02942-060c-4ed4-
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SM_V9_7 iris    exon    18340247        18341140        .       +
        .       Parent=Smp_175780.1;Name=fa1c3d9e-da6a-4edd-bf0c-
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SM_V9_7 iris    CDS     18307248        18307419        .       +
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SM_V9_7 iris    CDS     18307461        18307516        .       +
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SM_V9_7 iris    CDS     18310246        18310425        .       +
        0       Parent=Smp_175780.1
SM_V9_7 iris    CDS     18311326        18311479        .       +
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SM_V9_7 iris    CDS     18318118        18318257        .       +
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        0       Parent=Smp_175780.1
SM_V9_7 iris    CDS     18325598        18325698        .       +
        2       Parent=Smp_175780.1
SM_V9_7 iris    CDS     18327476        18327711        .       +
        0       Parent=Smp_175780.1
SM_V9_7 iris    CDS     18330738        18330983        .       +
        1       Parent=Smp_175780.1
SM_V9_7 iris    CDS     18333352        18333742        .       +
        1       Parent=Smp_175780.1
SM_V9_7 iris    CDS     18337076        18337357        .       +
        0       Parent=Smp_175780.1
SM_V9_7 iris    CDS     18340247        18340495        .       +
        0       Parent=Smp_175780.1
SM_V9_7 Liftoff gene    18360492        18367226        .       -
        .
ID=Smp_346400;geneID=Smp_346400;previous_systematic_id=Smp_175770
SM_V9_7 Liftoff mRNA    18360492        18367226        .       -
        .
ID=Smp_346400.1;Parent=Smp_346400;geneID=Smp_346400;product=Hypothet
ical protein
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SM_V9_7 Liftoff exon    18366057        18367226        .       -
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SM_V9_7 Liftoff CDS     18361024        18362124        .       -
        0       Parent=Smp_346400.1
SM_V9_7 Liftoff CDS     18366057        18366059        .       -
        0       Parent=Smp_346400.1
SM_V9_7 iris    gene    18376251        18490548        .       -
        .
ID=Smp_346390;geneID=Smp_346390;gene_name=Smp_346390;owner=irisadmin
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ID=Smp_346390.1;Parent=Smp_346390;geneID=Smp_346390;gene_name=Smp_34
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ied=2022-08-18;Name=Smp_346390.1;product=DnaJ homolog subfamily C
member 13;date_creation=2022-08-18
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SM_V9_7 iris    exon    18382213        18382359        .       -
        .       Parent=Smp_346390.1;Name=ec9645ac-8560-48c4-
be03-04bf2725e119
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        .       Parent=Smp_346390.1;Name=408740fb-bf1c-4533-
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SM_V9_7 iris    exon    18387564        18387822        .       -
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        .       Parent=Smp_346390.1;Name=e1c1b5ca-0a5b-4aa4-9294-
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SM_V9_7 iris    exon    18394666        18394765        .       -
        .       Parent=Smp_346390.1;Name=f9f8a0dc-8141-44f5-
b131-4a921d9ce06c
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f1dc317fe751
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        .       Parent=Smp_346390.1;Name=172db4c3-a600-4cdb-
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SM_V9_7 iris    exon    18401094        18401210        .       -
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ca59e806c208
SM_V9_7 iris    exon    18410700        18411187        .       -
        .       Parent=Smp_346390.1;Name=2f95ab8e-7b72-4c3f-92f3-
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SM_V9_7 iris    exon    18412552        18412684        .       -
        .       Parent=Smp_346390.1;Name=7848990f-b7f6-40e9-8d21-
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SM_V9_7 iris    exon    18413470        18413551        .       -
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SM_V9_7 iris    exon    18414870        18414988        .       -
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SM_V9_7 iris    exon    18419515        18419678        .       -
        .
Parent=Smp_346390.1;Name=ae6697c9-08f7-484d-9971-5ba3508cd877
SM_V9_7 iris    exon    18423610        18423810        .       -
        .       Parent=Smp_346390.1;Name=8f1e0b1a-cc83-4621-b9e4-
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SM_V9_7 iris    exon    18426983        18427249        .       -
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SM_V9_7 iris    exon    18439612        18439728        .       -
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        .       Parent=Smp_346390.1;Name=8d7cb0b1-2613-4b63-
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SM_V9_7 iris    exon    18455656        18455863        .       -
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c6b3fa757d32
SM_V9_7 iris    exon    18461601        18461683        .       -
        .       Parent=Smp_346390.1;Name=bffd1afa-0fb3-4b07-9216-
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SM_V9_7 iris    exon    18464158        18464324        .       -
        .       Parent=Smp_346390.1;Name=897c2a31-87ea-4e40-
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SM_V9_7 iris    CDS     18385315        18385521        .       -
        0       Parent=Smp_346390.1
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        2       Parent=Smp_346390.1
SM_V9_7 iris    CDS     18393710        18393985        .       -
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SM_V9_7 iris    CDS     18394666        18394765        .       -
        0       Parent=Smp_346390.1
SM_V9_7 iris    CDS     18395779        18395870        .       -
        2       Parent=Smp_346390.1
SM_V9_7 iris    CDS     18397853        18398168        .       -
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SM_V9_7 iris    CDS     18401094        18401210        .       -
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SM_V9_7 iris    CDS     18407845        18408243        .       -
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SM_V9_7 iris    CDS     18409679        18409858        .       -
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SM_V9_7 iris    CDS     18459433        18459701        .       -
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SM_V9_7 iris    CDS     18464158        18464324        .       -
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SM_V9_7 iris    CDS     18465687        18465778        .       -
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SM_V9_7 iris    CDS     18467578        18467749        .       -
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SM_V9_7 iris    CDS     18469653        18469795        .       -
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SM_V9_7 iris    CDS     18475892        18475945        .       -
        0       Parent=Smp_346390.1
SM_V9_7 iris    CDS     18477827        18477973        .       -
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SM_V9_7 iris    CDS     18482508        18482549        .       -
        0       Parent=Smp_346390.1
SM_V9_7 iris    CDS     18485299        18485460        .       -
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SM_V9_7 iris    CDS     18487000        18487075        .       -
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SM_V9_7 iris    CDS     18490338        18490420        .       -
        0       Parent=Smp_346390.1
SM_V9_7 iris    CDS     18490492        18490494        .       -
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SM_V9_7 Liftoff gene    18504900        18506750        .       +
        .
ID=Smp_346380;geneID=Smp_346380;previous_systematic_id=Smp_175750
SM_V9_7 Liftoff mRNA    18504900        18506750        .       +
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Pfam:PF01557;Ontology_term=GO:0003824,GO:0008152
SM_V9_7 Liftoff exon    18504900        18505137        .       +
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SM_V9_7 Liftoff exon    18505171        18505264        .       +
        .       Parent=Smp_346380.1
SM_V9_7 Liftoff exon    18505311        18506750        .       +
        .       Parent=Smp_346380.1
SM_V9_7 Liftoff CDS     18505079        18505137        .       +
        0       Parent=Smp_346380.1
SM_V9_7 Liftoff CDS     18505171        18505264        .       +
        1       Parent=Smp_346380.1
SM_V9_7 Liftoff CDS     18505311        18505439        .       +
        0       Parent=Smp_346380.1
SM_V9_7 Liftoff mRNA    18504900        18506750        .       +
        .
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Pfam:PF01557;Ontology_term=GO:0003824,GO:0008152
SM_V9_7 Liftoff exon    18504900        18506750        .       +
        .       Parent=Smp_346380.2
SM_V9_7 Liftoff CDS     18506160        18506492        .       +
        0       Parent=Smp_346380.2
SM_V9_7 iris    gene    18510122        18511536        .       -
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ied=2022-08-15;Name=Smp_175740.1;product=60S ribosomal protein L14-
A;date_creation=2022-08-15
SM_V9_7 iris    exon    18510122        18510240        .       -
        .       Parent=Smp_175740.1;Name=dc452045-
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SM_V9_7 iris    exon    18510357        18510729        .       -
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f1469627a7ab
SM_V9_7 iris    exon    18511498        18511536        .       -
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b362-2dcd3c658eba
SM_V9_7 iris    CDS     18510157        18510240        .       -
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SM_V9_7 iris    CDS     18510357        18510713        .       -
        0       Parent=Smp_175740.1
SM_V9_7 Liftoff gene    18520305        18542839        .       -
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ID=Smp_332380;geneID=Smp_332380;previous_systematic_id=Smp_139280,Sm
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SM_V9_7 Liftoff mRNA    18520305        18542839        .       -
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SM_V9_7 Liftoff exon    18523064        18523174        .       -
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SM_V9_7 Liftoff CDS     18520996        18522131        .       -
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SM_V9_7 Liftoff CDS     18523064        18523174        .       -
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ied=2022-07-17;Name=Smp_331960.1;product=Tyrosine-protein kinase
Fer;date_creation=2022-07-17
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SM_V9_7 iris    exon    18685102        18685285        .       -
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SM_V9_7 iris    exon    18689712        18689822        .       -
        .       Parent=Smp_331960.1;Name=7e2c170e-3a58-42fb-
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SM_V9_7 iris    exon    18693068        18693203        .       -
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SM_V9_7 iris    exon    18695065        18695146        .       -
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SM_V9_7 iris    CDS     18685102        18685285        .       -
        0       Parent=Smp_331960.1
SM_V9_7 iris    CDS     18687306        18687396        .       -
        1       Parent=Smp_331960.1
SM_V9_7 iris    CDS     18689712        18689822        .       -
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SM_V9_7 iris    CDS     18691258        18691457        .       -
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        .       Parent=Smp_327040.1;Name=1190af2a-6dcf-4bee-97bb-
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        .
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SM_V9_7 iris    exon    18712056        18712222        .       +
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SM_V9_7 iris    CDS     18699199        18699265        .       +
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SM_V9_7 iris    CDS     18700986        18701039        .       +
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SM_V9_7 iris    CDS     18702172        18702234        .       +
        2       Parent=Smp_327040.1
SM_V9_7 iris    CDS     18703887        18703934        .       +
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SM_V9_7 iris    CDS     18703985        18704041        .       +
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SM_V9_7 iris    exon    18720829        18720952        .       -
        .       Parent=Smp_335950.1;Name=7e3ae142-a5b1-4e66-
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SM_V9_7 iris    CDS     18717051        18717234        .       -
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SM_V9_7 iris    CDS     18718428        18718518        .       -
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SM_V9_7 iris    CDS     18720829        18720952        .       -
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SM_V9_7 iris    CDS     18722003        18722213        .       -
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SM_V9_7 Liftoff mRNA    18733925        18735215        .       -
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like protein gop-3
SM_V9_7 Liftoff exon    18733925        18735215        .       -
        .       Parent=Smp_327050.1
SM_V9_7 Liftoff CDS     18734384        18734563        .       -
        0       Parent=Smp_327050.1
SM_V9_7 Liftoff gene    18748193        18809433        .       -
        .
ID=Smp_332370;geneID=Smp_332370;previous_systematic_id=Smp_079120,Sm
p_110050,Smp_164810
SM_V9_7 Liftoff mRNA    18748193        18809433        .       -
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Fer;polypeptide_domain=InterPro:IPR000719,IPR000980,IPR001245,IPR008
266,IPR011009,IPR017441,IPR020635
Pfam:PF00017,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005524,
GO:0006468
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SM_V9_7 Liftoff exon    18750164        18750347        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18752368        18752458        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18754774        18754897        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18756318        18756528        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18758140        18758275        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18760500        18760772        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18764254        18764318        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18766292        18766401        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18775465        18775870        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18778882        18779212        .       -
        .       Parent=Smp_332370.1
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        .       Parent=Smp_332370.1
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        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18786361        18786449        .       -
        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18792315        18792513        .       -
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        .       Parent=Smp_332370.1
SM_V9_7 Liftoff exon    18805741        18809433        .       -
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        2       Parent=Smp_332370.1
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SM_V9_7 Liftoff CDS     18758140        18758275        .       -
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SM_V9_7 Liftoff CDS     18760500        18760772        .       -
        1       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18764254        18764318        .       -
        0       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18766292        18766401        .       -
        2       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18775465        18775870        .       -
        0       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18778882        18779212        .       -
        1       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18783043        18783336        .       -
        1       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18785128        18785254        .       -
        2       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18786361        18786449        .       -
        1       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18792315        18792513        .       -
        2       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18799329        18799416        .       -
        0       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18804511        18804684        .       -
        0       Parent=Smp_332370.1
SM_V9_7 Liftoff CDS     18805741        18806325        .       -
        0       Parent=Smp_332370.1
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        .
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-16
SM_V9_7 iris    mRNA    18813727        18850889        .       +
        .
ID=Smp_316000.1;Parent=Smp_316000;geneID=Smp_316000;gene_name=Smp_31
6000;owner=irisadmin@local.host;orig_id=Smp_316000.1;date_last_modif
ied=2022-07-17;Name=Smp_316000.1;product=Protein arginine N-
methyltransferase 7;date_creation=2022-07-16
SM_V9_7 iris    exon    18813727        18813770        .       +
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dc7c-4809-8620-7e9d51c2154b
SM_V9_7 iris    exon    18816500        18816816        .       +
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b92ea8889e51
SM_V9_7 iris    exon    18820926        18820938        .       +
        .       Parent=Smp_316000.1;Name=cc9bc6a3-59bc-4bca-83ac-
c1991b9bb49c
SM_V9_7 iris    exon    18823668        18823984        .       +
        .
Parent=Smp_316000.1;Name=029863d5-2863-4f67-804b-23e80f5cc8bb
SM_V9_7 iris    exon    18828092        18828104        .       +
        .       Parent=Smp_316000.1;Name=c74d557a-29cf-4fe2-b4c2-
dc13ad7f4e6c
SM_V9_7 iris    exon    18838000        18838278        .       +
        .       Parent=Smp_316000.1;Name=7e5bc0db-3d30-4f62-
b58b-377db8e06449
SM_V9_7 iris    exon    18846789        18846895        .       +
        .       Parent=Smp_316000.1;Name=cacb9e3a-7fd6-4809-85d2-
bdbd63a9fc7f
SM_V9_7 iris    exon    18848192        18848599        .       +
        .       Parent=Smp_316000.1;Name=466696ce-f47d-4b6f-
b8ea-88628e606340
SM_V9_7 iris    exon    18850535        18850889        .       +
        .       Parent=Smp_316000.1;Name=e3e29320-2269-42ee-af70-
e57cae902d75
SM_V9_7 iris    CDS     18816514        18816816        .       +
        0       Parent=Smp_316000.1
SM_V9_7 iris    CDS     18820926        18820938        .       +
        0       Parent=Smp_316000.1
SM_V9_7 iris    CDS     18823668        18823984        .       +
        2       Parent=Smp_316000.1
SM_V9_7 iris    CDS     18828092        18828104        .       +
        0       Parent=Smp_316000.1
SM_V9_7 iris    CDS     18838000        18838278        .       +
        2       Parent=Smp_316000.1
SM_V9_7 iris    CDS     18846789        18846895        .       +
        2       Parent=Smp_316000.1
SM_V9_7 iris    CDS     18848192        18848599        .       +
        0       Parent=Smp_316000.1
SM_V9_7 iris    CDS     18850535        18850654        .       +
        0       Parent=Smp_316000.1
SM_V9_7 iris    mRNA    18842344        18850889        .       +
        .
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6000;owner=irisadmin@local.host;date_last_modified=2022-07-18;Name=S
mp_316000.2;date_creation=2022-07-17
SM_V9_7 iris    exon    18842344        18842438        .       +
        .       Parent=Smp_316000.2;Name=43a3aee3-0e6d-4e0c-
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SM_V9_7 iris    exon    18845168        18845454        .       +
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SM_V9_7 iris    exon    18846800        18846895        .       +
        .       Parent=Smp_316000.2;Name=0ce7498b-0713-4f44-
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bb9e-9173436d9adc
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SM_V9_7 iris    exon    18850535        18850889        .       +
        .       Parent=Smp_316000.2;Name=c94c803e-0bfb-4ebf-9add-
f0c390a8109d
SM_V9_7 iris    CDS     18845182        18845454        .       +
        0       Parent=Smp_316000.2
SM_V9_7 iris    CDS     18846800        18846895        .       +
        0       Parent=Smp_316000.2
SM_V9_7 iris    CDS     18848192        18848599        .       +
        0       Parent=Smp_316000.2
SM_V9_7 iris    CDS     18850535        18850654        .       +
        0       Parent=Smp_316000.2
SM_V9_7 Liftoff gene    18852318        18889643        .       -
        .
ID=Smp_301050;geneID=Smp_301050;previous_systematic_id=Smp_166010
SM_V9_7 Liftoff mRNA    18852318        18889643        .       -
        .
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2;polypeptide_domain=InterPro:IPR001496,IPR002110,IPR020683
Pfam:PF00023,PF07525,PF12796,PF13637;Ontology_term=GO:0005515,GO:003
5556
SM_V9_7 Liftoff exon    18852318        18853455        .       -
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SM_V9_7 Liftoff exon    18855393        18855600        .       -
        .       Parent=Smp_301050.1
SM_V9_7 Liftoff exon    18859229        18859402        .       -
        .       Parent=Smp_301050.1
SM_V9_7 Liftoff exon    18867593        18867721        .       -
        .       Parent=Smp_301050.1
SM_V9_7 Liftoff exon    18869983        18870165        .       -
        .       Parent=Smp_301050.1
SM_V9_7 Liftoff exon    18879820        18889643        .       -
        .       Parent=Smp_301050.1
SM_V9_7 Liftoff CDS     18852692        18853455        .       -
        2       Parent=Smp_301050.1
SM_V9_7 Liftoff CDS     18855393        18855600        .       -
        0       Parent=Smp_301050.1
SM_V9_7 Liftoff CDS     18859229        18859402        .       -
        0       Parent=Smp_301050.1
SM_V9_7 Liftoff CDS     18867593        18867721        .       -
        0       Parent=Smp_301050.1
SM_V9_7 Liftoff CDS     18869983        18870165        .       -
        0       Parent=Smp_301050.1
SM_V9_7 Liftoff CDS     18879820        18879948        .       -
        0       Parent=Smp_301050.1
SM_V9_7 Liftoff mRNA    18852318        18889643        .       -
        .
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Pfam:PF00023,PF07525,PF12796;Ontology_term=GO:0005515,GO:0035556
SM_V9_7 Liftoff exon    18852318        18853455        .       -
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        .       Parent=Smp_301050.2
SM_V9_7 Liftoff exon    18867593        18867721        .       -
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SM_V9_7 Liftoff exon    18869983        18889643        .       -
        .       Parent=Smp_301050.2
SM_V9_7 Liftoff CDS     18852692        18853455        .       -
        2       Parent=Smp_301050.2
SM_V9_7 Liftoff CDS     18855393        18855600        .       -
        0       Parent=Smp_301050.2
SM_V9_7 Liftoff CDS     18859229        18859402        .       -
        0       Parent=Smp_301050.2
SM_V9_7 Liftoff CDS     18867593        18867721        .       -
        0       Parent=Smp_301050.2
SM_V9_7 Liftoff CDS     18869983        18870099        .       -
        0       Parent=Smp_301050.2
SM_V9_7 Liftoff gene    18899064        18920763        .       -
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threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha
isoform;polypeptide_domain=InterPro:IPR011989,IPR016024,IPR021133;On
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SM_V9_7 Liftoff exon    18899064        18900166        .       -
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SM_V9_7 Liftoff exon    18903283        18903377        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18904545        18904864        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18906484        18906951        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18909798        18909962        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18910963        18911165        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18913076        18913230        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18915336        18915476        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18917468        18917599        .       -
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SM_V9_7 Liftoff exon    18918071        18918164        .       -
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SM_V9_7 Liftoff exon    18919817        18919961        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18920290        18920405        .       -
        .       Parent=Smp_301040.1
SM_V9_7 Liftoff exon    18920481        18920571        .       -
        .       Parent=Smp_301040.1
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SM_V9_7 Liftoff CDS     18904545        18904864        .       -
        0       Parent=Smp_301040.1
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        0       Parent=Smp_301040.1
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SM_V9_7 Liftoff CDS     18910963        18911165        .       -
        2       Parent=Smp_301040.1
SM_V9_7 Liftoff CDS     18913076        18913230        .       -
        1       Parent=Smp_301040.1
SM_V9_7 Liftoff CDS     18915336        18915476        .       -
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SM_V9_7 Liftoff CDS     18917468        18917599        .       -
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SM_V9_7 Liftoff CDS     18918071        18918164        .       -
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SM_V9_7 Liftoff CDS     18919817        18919961        .       -
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SM_V9_7 Liftoff CDS     18920290        18920405        .       -
        2       Parent=Smp_301040.1
SM_V9_7 Liftoff CDS     18920481        18920571        .       -
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SM_V9_7 Liftoff CDS     18920608        18920715        .       -
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        .       ID=Smp_166020;geneID=Smp_166020
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        .
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ical protein
SM_V9_7 Liftoff exon    18942629        18943087        .       -
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        .       Parent=Smp_166020.1
SM_V9_7 Liftoff exon    18946115        18946164        .       -
        .       Parent=Smp_166020.1
SM_V9_7 Liftoff exon    18948384        18948492        .       -
        .       Parent=Smp_166020.1
SM_V9_7 Liftoff exon    18954671        18954818        .       -
        .       Parent=Smp_166020.1
SM_V9_7 Liftoff exon    18957008        18957277        .       -
        .       Parent=Smp_166020.1
SM_V9_7 Liftoff exon    18959749        18960082        .       -
        .       Parent=Smp_166020.1
SM_V9_7 Liftoff exon    18963705        18963916        .       -
        .       Parent=Smp_166020.1
SM_V9_7 Liftoff exon    18968553        18968760        .       -
        .       Parent=Smp_166020.1
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SM_V9_7 Liftoff exon    18982220        18983803        .       -
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SM_V9_7 Liftoff CDS     18944436        18944543        .       -
        2       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18946115        18946164        .       -
        1       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18948384        18948492        .       -
        2       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18954671        18954818        .       -
        0       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18957008        18957277        .       -
        0       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18959749        18960082        .       -
        1       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18963705        18963916        .       -
        0       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18968553        18968760        .       -
        1       Parent=Smp_166020.1
SM_V9_7 Liftoff CDS     18982220        18982464        .       -
        0       Parent=Smp_166020.1
SM_V9_7 Liftoff gene    19018639        19094273        .       -
        .
ID=Smp_332360;geneID=Smp_332360;previous_systematic_id=Smp_081370,Sm
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SM_V9_7 Liftoff mRNA    19018639        19094273        .       -
        .
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ical protein
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SM_V9_7 Liftoff exon    19028709        19028777        .       -
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SM_V9_7 Liftoff exon    19032485        19032513        .       -
        .       Parent=Smp_332360.1
SM_V9_7 Liftoff exon    19034389        19034848        .       -
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SM_V9_7 Liftoff exon    19036492        19037258        .       -
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SM_V9_7 Liftoff exon    19041083        19044601        .       -
        .       Parent=Smp_332360.1
SM_V9_7 Liftoff exon    19054849        19055409        .       -
        .       Parent=Smp_332360.1
SM_V9_7 Liftoff exon    19057308        19057566        .       -
        .       Parent=Smp_332360.1
SM_V9_7 Liftoff exon    19060262        19060487        .       -
        .       Parent=Smp_332360.1
SM_V9_7 Liftoff exon    19076190        19076470        .       -
        .       Parent=Smp_332360.1
SM_V9_7 Liftoff exon    19091506        19091601        .       -
        .       Parent=Smp_332360.1
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SM_V9_7 Liftoff exon    19094135        19094273        .       -
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SM_V9_7 Liftoff CDS     19025227        19025427        .       -
        2       Parent=Smp_332360.1
SM_V9_7 Liftoff CDS     19028709        19028777        .       -
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SM_V9_7 Liftoff CDS     19032485        19032513        .       -
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SM_V9_7 Liftoff CDS     19034389        19034848        .       -
        2       Parent=Smp_332360.1
SM_V9_7 Liftoff CDS     19036492        19037258        .       -
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SM_V9_7 Liftoff gene    19108964        19131658        .       -
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SM_V9_7 Liftoff mRNA    19108964        19131658        .       -
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Pfam:PF04201
SM_V9_7 Liftoff exon    19108964        19109619        .       -
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        .       Parent=Smp_081380.1
SM_V9_7 Liftoff exon    19116676        19116736        .       -
        .       Parent=Smp_081380.1
SM_V9_7 Liftoff exon    19119091        19119171        .       -
        .       Parent=Smp_081380.1
SM_V9_7 Liftoff exon    19121488        19121636        .       -
        .       Parent=Smp_081380.1
SM_V9_7 Liftoff exon    19126961        19127085        .       -
        .       Parent=Smp_081380.1
SM_V9_7 Liftoff exon    19131538        19131658        .       -
        .       Parent=Smp_081380.1
SM_V9_7 Liftoff CDS     19109362        19109619        .       -
        0       Parent=Smp_081380.1
SM_V9_7 Liftoff CDS     19111598        19111657        .       -
        0       Parent=Smp_081380.1
SM_V9_7 Liftoff CDS     19116676        19116736        .       -
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        1       Parent=Smp_081380.1
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SM_V9_7 Liftoff CDS     19121488        19121636        .       -
        0       Parent=Smp_081380.1
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        2       Parent=Smp_081380.1
SM_V9_7 Liftoff CDS     19131538        19131559        .       -
        0       Parent=Smp_081380.1
SM_V9_7 iris    gene    19287910        19295104        .       -
        .
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@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_7 iris    mRNA    19287910        19295104        .       -
        .
ID=Smp_349070.1;Parent=Smp_349070;geneID=Smp_349070;gene_name=Smp_34
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SM_V9_7 iris    exon    19289245        19289393        .       -
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SM_V9_7 iris    exon    19289826        19289903        .       -
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SM_V9_7 iris    exon    19291682        19291748        .       -
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a0e3-4aeb-9829-5aa2b7c2da57
SM_V9_7 iris    exon    19293119        19293169        .       -
        .       Parent=Smp_349070.1;Name=18cdbf1f-70c2-45d9-b60d-
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SM_V9_7 iris    exon    19294222        19294311        .       -
        .
Parent=Smp_349070.1;Name=16791a47-8527-49f6-802e-091de4860a9d
SM_V9_7 iris    exon    19294585        19294651        .       -
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bc3e-319e8cf54904
SM_V9_7 iris    exon    19294714        19294806        .       -
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SM_V9_7 iris    exon    19294844        19294988        .       -
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b7d2-9ed44e2ab59a
SM_V9_7 iris    exon    19295072        19295104        .       -
        .       Parent=Smp_349070.1;Name=cbf91f38-9962-4871-
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SM_V9_7 iris    CDS     19288137        19288289        .       -
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SM_V9_7 iris    CDS     19289245        19289393        .       -
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SM_V9_7 iris    CDS     19289826        19289903        .       -
        2       Parent=Smp_349070.1
SM_V9_7 iris    CDS     19291682        19291748        .       -
        0       Parent=Smp_349070.1
SM_V9_7 iris    CDS     19292215        19292279        .       -
        2       Parent=Smp_349070.1
SM_V9_7 iris    CDS     19293119        19293169        .       -
        2       Parent=Smp_349070.1
SM_V9_7 iris    CDS     19294222        19294311        .       -
        2       Parent=Smp_349070.1
SM_V9_7 iris    CDS     19294585        19294651        .       -
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SM_V9_7 iris    CDS     19294714        19294785        .       -
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SM_V9_7 iris    gene    19447500        19484288        .       -
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SM_V9_7 iris    mRNA    19447500        19484288        .       -
        .
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9030;owner=irisadmin@local.host;orig_id=Smp_332360.1;date_last_modif
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SM_V9_7 iris    exon    19447500        19447649        .       -
        .       Parent=Smp_349030.1;Name=Smp_349030.1-CDS
SM_V9_7 iris    exon    19450898        19450977        .       -
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b700f3298119
SM_V9_7 iris    exon    19452522        19452650        .       -
        .       Parent=Smp_349030.1;Name=f0196e90-c4b9-4724-
a0c4-28763fcebd8f
SM_V9_7 iris    exon    19452769        19452870        .       -
        .       Parent=Smp_349030.1;Name=7815948f-
bf9c-432f-8199-0b70a8ac29bc
SM_V9_7 iris    exon    19454349        19454432        .       -
        .
Parent=Smp_349030.1;Name=db43af6c-0c9c-4590-89d4-31290d689dc7
SM_V9_7 iris    exon    19456483        19456632        .       -
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b0bf03736fd7
SM_V9_7 iris    exon    19459813        19460027        .       -
        .       Parent=Smp_349030.1;Name=44980304-a49f-4831-
bf4f-37435e43919f
SM_V9_7 iris    exon    19461499        19461671        .       -
        .       Parent=Smp_349030.1;Name=f521080e-ecfb-413c-
a28f-269a98d35882
SM_V9_7 iris    exon    19465106        19465191        .       -
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SM_V9_7 iris    exon    19465989        19466107        .       -
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b97a-8e7d3f3d8147
SM_V9_7 iris    exon    19467100        19467142        .       -
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aeff-438f-8a01-0393c0c75c06
SM_V9_7 iris    exon    19469661        19469974        .       -
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c39cbfe1f1ac
SM_V9_7 iris    exon    19476153        19476494        .       -
        .       Parent=Smp_349030.1;Name=2df77dee-750e-4115-bf22-
bf7ac8e65b65
SM_V9_7 iris    exon    19479397        19479469        .       -
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Parent=Smp_349030.1;Name=22796a81-4a26-4ec3-84e5-21a8d66516c3
SM_V9_7 iris    exon    19479502        19479603        .       -
        .       Parent=Smp_349030.1;Name=1cece263-279a-45e1-
a2c0-592010009d21
SM_V9_7 iris    exon    19479635        19479749        .       -
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SM_V9_7 iris    exon    19479784        19479866        .       -
        .       Parent=Smp_349030.1;Name=47598c2c-9924-4d32-a132-
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SM_V9_7 iris    exon    19479907        19480004        .       -
        .       Parent=Smp_349030.1;Name=10943302-f048-4ea9-866b-
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        .       Parent=Smp_349030.1;Name=e1895cfb-aec9-4679-80e8-
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SM_V9_7 iris    exon    19484140        19484288        .       -
        .       Parent=Smp_349030.1;Name=dfefdddb-6538-4d56-85aa-
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SM_V9_7 iris    CDS     19447604        19447649        .       -
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SM_V9_7 iris    CDS     19450898        19450977        .       -
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SM_V9_7 iris    CDS     19452522        19452650        .       -
        0       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19452769        19452870        .       -
        0       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19454349        19454432        .       -
        0       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19456483        19456632        .       -
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SM_V9_7 iris    CDS     19459813        19460027        .       -
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SM_V9_7 iris    CDS     19461499        19461671        .       -
        1       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19465106        19465191        .       -
        0       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19465989        19466107        .       -
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SM_V9_7 iris    CDS     19467100        19467142        .       -
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        0       Parent=Smp_349030.1
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SM_V9_7 iris    CDS     19476153        19476494        .       -
        2       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19479397        19479469        .       -
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SM_V9_7 iris    CDS     19479502        19479603        .       -
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SM_V9_7 iris    CDS     19479635        19479749        .       -
        1       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19479784        19479866        .       -
        0       Parent=Smp_349030.1
SM_V9_7 iris    CDS     19479907        19479981        .       -
        0       Parent=Smp_349030.1
SM_V9_7 iris    gene    19497007        19504121        .       +
        .
ID=Smp_349040;geneID=Smp_349040;gene_name=Smp_349040;owner=irisadmin
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SM_V9_7 iris    mRNA    19497007        19504121        .       +
        .
ID=Smp_349040.1;Parent=Smp_349040;geneID=Smp_349040;gene_name=Smp_34
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mp_349040.1;date_creation=2022-07-16
SM_V9_7 iris    exon    19497007        19497139        .       +
        .
Parent=Smp_349040.1;Name=e44e36a1-6636-4d59-929a-521b31c13a1b
SM_V9_7 iris    exon    19497179        19497438        .       +
        .
Parent=Smp_349040.1;Name=d82fab9a-0626-403d-8008-7681a18acb61
SM_V9_7 iris    exon    19497472        19497567        .       +
        .       Parent=Smp_349040.1;Name=531df9f3-a8b9-4ce3-8c85-
d346a65c0b5e
SM_V9_7 iris    exon    19497605        19497728        .       +
        .       Parent=Smp_349040.1;Name=27a09c7b-0dad-4dd6-
b7a0-6becaa3e7efd
SM_V9_7 iris    exon    19497762        19498018        .       +
        .       Parent=Smp_349040.1;Name=Smp_349040.1-CDS
SM_V9_7 iris    exon    19498049        19498297        .       +
        .       Parent=Smp_349040.1;Name=ac4d412a-61dc-4f77-84a7-
c363b123afca
SM_V9_7 iris    exon    19499137        19499202        .       +
        .
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SM_V9_7 iris    exon    19500539        19500655        .       +
        .
Parent=Smp_349040.1;Name=5e4ed2b6-7b04-479f-9c0b-761928ce3ddb
SM_V9_7 iris    exon    19500697        19500751        .       +
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c6ba-4a1f-888a-81a23bcbec40
SM_V9_7 iris    exon    19501401        19501475        .       +
        .       Parent=Smp_349040.1;Name=d844d972-
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SM_V9_7 iris    exon    19503435        19503625        .       +
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SM_V9_7 iris    exon    19503670        19503745        .       +
        .       Parent=Smp_349040.1;Name=46b0736d-e48f-4f1a-
a6e8-2afe2d285e64
SM_V9_7 iris    exon    19503784        19504121        .       +
        .       Parent=Smp_349040.1;Name=2d1db9ef-e2d5-465c-80f4-
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SM_V9_7 iris    CDS     19497929        19498018        .       +
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SM_V9_7 iris    CDS     19498049        19498297        .       +
        0       Parent=Smp_349040.1
SM_V9_7 iris    CDS     19499137        19499202        .       +
        0       Parent=Smp_349040.1
SM_V9_7 iris    CDS     19500539        19500655        .       +
        0       Parent=Smp_349040.1
SM_V9_7 iris    CDS     19500697        19500751        .       +
        0       Parent=Smp_349040.1
SM_V9_7 iris    CDS     19501401        19501475        .       +
        2       Parent=Smp_349040.1
SM_V9_7 iris    CDS     19503435        19503625        .       +
        2       Parent=Smp_349040.1
SM_V9_7 iris    CDS     19503670        19503745        .       +
        0       Parent=Smp_349040.1
SM_V9_7 iris    CDS     19503784        19503953        .       +
        2       Parent=Smp_349040.1
SM_V9_7 iris    gene    19526488        19534420        .       -
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SM_V9_7 iris    mRNA    19526488        19534420        .       -
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ID=Smp_349050.1;Parent=Smp_349050;geneID=Smp_349050;gene_name=Smp_34
9050;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
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SM_V9_7 iris    exon    19526488        19526838        .       -
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SM_V9_7 iris    exon    19526889        19527017        .       -
        .       Parent=Smp_349050.1;Name=d49f8aa3-
f8a9-4c64-94e1-8cc923572b4b
SM_V9_7 iris    exon    19527800        19527948        .       -
        .
Parent=Smp_349050.1;Name=aa63b0f3-6247-4e8a-8931-57065cb6c64d
SM_V9_7 iris    exon    19531420        19531488        .       -
        .
Parent=Smp_349050.1;Name=34cec2ab-772a-4d97-9429-2fdaf70d1604
SM_V9_7 iris    exon    19533564        19533662        .       -
        .
Parent=Smp_349050.1;Name=1055fd74-2d2a-447a-8aae-7be795cb4753
SM_V9_7 iris    exon    19533907        19533976        .       -
        .       Parent=Smp_349050.1;Name=ffed7e52-d829-4c7e-bdcd-
bbd63472d7ac
SM_V9_7 iris    exon    19534034        19534126        .       -
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Parent=Smp_349050.1;Name=9b7c3392-1ce8-4d7d-9945-07ebcbe0a4ff
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a55f-6b6bb4048b3d
SM_V9_7 iris    exon    19534392        19534420        .       -
        .       Parent=Smp_349050.1;Name=a44cea61-
e9a6-42db-9c06-7379d101e566
SM_V9_7 iris    CDS     19526686        19526838        .       -
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SM_V9_7 iris    CDS     19526889        19527017        .       -
        0       Parent=Smp_349050.1
SM_V9_7 iris    CDS     19527800        19527948        .       -
        2       Parent=Smp_349050.1
SM_V9_7 iris    CDS     19531420        19531488        .       -
        2       Parent=Smp_349050.1
SM_V9_7 iris    CDS     19533564        19533662        .       -
        2       Parent=Smp_349050.1
SM_V9_7 iris    CDS     19533907        19533976        .       -
        0       Parent=Smp_349050.1
SM_V9_7 iris    CDS     19534034        19534126        .       -
        0       Parent=Smp_349050.1
SM_V9_7 iris    CDS     19534164        19534308        .       -
        1       Parent=Smp_349050.1
SM_V9_7 iris    CDS     19534392        19534396        .       -
        0       Parent=Smp_349050.1
SM_V9_PAR1      iris    gene    18966   39481   .       +       .

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3010;owner=irisadmin@local.host;orig_id=Smp_303010.1;date_last_modif
ied=2022-07-20;Name=Smp_303010.1;product=Endoglycoceramidase;date_cr
eation=2022-07-20
SM_V9_PAR1      iris    exon    18966   20054   .       +       .

Parent=Smp_303010.1;Name=5e9c3dd5-71b0-4687-8bfd-8b3bd84a371c
SM_V9_PAR1      iris    exon    25872   26155   .       +       .
        Parent=Smp_303010.1;Name=4aa9f7c4-013f-44d7-
b179-8c8713f8ba62
SM_V9_PAR1      iris    exon    31598   31822   .       +       .
        Parent=Smp_303010.1;Name=cfc23f5a-426a-4477-b226-
ea45acad59ef
SM_V9_PAR1      iris    exon    38944   39481   .       +       .
        Parent=Smp_303010.1;Name=ea5b1929-b6ce-421a-ac6a-
a245f859a270
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SM_V9_PAR1      iris    CDS     25872   26155   .       +       2
        Parent=Smp_303010.1
SM_V9_PAR1      iris    CDS     31598   31822   .       +       0
        Parent=Smp_303010.1
SM_V9_PAR1      iris    CDS     38944   39273   .       +       0
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        Parent=Smp_303010.1
SM_V9_PAR1      iris    gene    52297   62416   .       +       .

ID=Smp_349850;geneID=Smp_349850;gene_name=Smp_349850;owner=irisadmin
@local.host;date_last_modified=2022-08-04;date_creation=2022-08-04
SM_V9_PAR1      iris    mRNA    52297   62416   .       +       .

ID=Smp_349850.1;Parent=Smp_349850;geneID=Smp_349850;gene_name=Smp_34
9850;owner=irisadmin@local.host;orig_id=Smp_303010.1;date_last_modif
ied=2022-08-04;Name=Smp_349850.1;date_creation=2022-08-04
SM_V9_PAR1      iris    exon    52297   52557   .       +       .
        Parent=Smp_349850.1;Name=145c5832-
fbd3-47c4-9afb-568c22503417
SM_V9_PAR1      iris    exon    57568   57707   .       +       .
        Parent=Smp_349850.1;Name=e9414dd2-f7c0-4ef1-8db4-
deb39edb2431
SM_V9_PAR1      iris    exon    59641   59756   .       +       .
        Parent=Smp_349850.1;Name=Smp_349850.1-CDS
SM_V9_PAR1      iris    exon    62104   62416   .       +       .

Parent=Smp_349850.1;Name=34583c94-665b-4871-8986-934e0ffb2b80
SM_V9_PAR1      iris    CDS     59725   59756   .       +       0
        Parent=Smp_349850.1
SM_V9_PAR1      iris    CDS     62104   62170   .       +       1
        Parent=Smp_349850.1
SM_V9_PAR1      iris    gene    64718   65102   .       -       .

ID=Smp_321730;geneID=Smp_321730;gene_name=Smp_321730;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    64718   65102   .       -       .

ID=Smp_321730.1;Parent=Smp_321730;geneID=Smp_321730;gene_name=Smp_32
1730;owner=irisadmin@local.host;orig_id=Smp_321730.1;date_last_modif
ied=2022-07-20;Name=Smp_321730.1;product=Putative uncharacterized
protein YoeA;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    64718   64805   .       -       .
        Parent=Smp_321730.1;Name=d4d5f7b4-6ff8-4c8f-
ac2c-325694a8571f
SM_V9_PAR1      iris    exon    64842   65001   .       -       .
        Parent=Smp_321730.1;Name=0608e315-19cd-4d91-a170-
aeeb8b351b3a
SM_V9_PAR1      iris    exon    65043   65102   .       -       .

Parent=Smp_321730.1;Name=ae68574a-8513-4218-890f-21659eab5230
SM_V9_PAR1      iris    CDS     64726   64805   .       -       2
        Parent=Smp_321730.1
SM_V9_PAR1      iris    CDS     64842   65001   .       -       0
        Parent=Smp_321730.1
SM_V9_PAR1      iris    CDS     65043   65051   .       -       0
        Parent=Smp_321730.1
SM_V9_PAR1      Liftoff gene    161820  172392  .       -       .

ID=Smp_321740;geneID=Smp_321740;previous_systematic_id=Smp_201250
SM_V9_PAR1      Liftoff mRNA    161820  172392  .       -       .
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ID=Smp_321740.1;Parent=Smp_321740;geneID=Smp_321740;product=Annexin
A10;polypeptide_domain=InterPro:IPR018502
Pfam:PF00191;Ontology_term=GO:0005509,GO:0005544
SM_V9_PAR1      Liftoff exon    161820  162132  .       -       .
        Parent=Smp_321740.1
SM_V9_PAR1      Liftoff exon    168191  172392  .       -       .
        Parent=Smp_321740.1
SM_V9_PAR1      Liftoff CDS     161938  162132  .       -       0
        Parent=Smp_321740.1
SM_V9_PAR1      Liftoff CDS     168191  168280  .       -       0
        Parent=Smp_321740.1
SM_V9_PAR1      iris    gene    177080  184946  .       -       .

ID=Smp_349100;geneID=Smp_349100;gene_name=Smp_349100;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    177080  184946  .       -       .

ID=Smp_349100.1;Parent=Smp_349100;geneID=Smp_349100;gene_name=Smp_34
9100;owner=irisadmin@local.host;orig_id=Smp_321750.1;date_last_modif
ied=2022-08-02;Name=Smp_349100.1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    177080  177613  .       -       .
        Parent=Smp_349100.1;Name=Smp_349100.1-CDS
SM_V9_PAR1      iris    exon    178399  178547  .       -       .
        Parent=Smp_349100.1;Name=4b7b92db-c0db-43ab-9007-
f8702e40693c
SM_V9_PAR1      iris    exon    179419  179499  .       -       .
        Parent=Smp_349100.1;Name=e17167c2-
d8d6-45fa-903e-331c4054fff3
SM_V9_PAR1      iris    exon    181156  181222  .       -       .

Parent=Smp_349100.1;Name=a0661ecf-30f3-4a45-8267-70d8ad17698f
SM_V9_PAR1      iris    exon    181916  181980  .       -       .

Parent=Smp_349100.1;Name=26c2b0f9-4bc6-490a-92c2-535035ad00db
SM_V9_PAR1      iris    exon    182966  183016  .       -       .
        Parent=Smp_349100.1;Name=42f1977c-f86f-42dd-ac23-
d31aa859a3d8
SM_V9_PAR1      iris    exon    184072  184164  .       -       .
        Parent=Smp_349100.1;Name=3ab1c140-c171-4cc9-
a993-0d728aeccece
SM_V9_PAR1      iris    exon    184434  184503  .       -       .
        Parent=Smp_349100.1;Name=1786cf2e-828a-4846-98d1-
fa7d939560a3
SM_V9_PAR1      iris    exon    184561  184653  .       -       .
        Parent=Smp_349100.1;Name=5b1e5962-
eeed-4493-89c0-8b1dd82421ed
SM_V9_PAR1      iris    exon    184691  184835  .       -       .

Parent=Smp_349100.1;Name=fb904480-0257-462d-89ca-1ccf41b0f63b
SM_V9_PAR1      iris    exon    184919  184946  .       -       .
        Parent=Smp_349100.1;Name=94d4be4d-1a8c-4008-a4ef-
e5160b7f8c16
SM_V9_PAR1      iris    CDS     177479  177613  .       -       0
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        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     178399  178547  .       -       2
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     179419  179499  .       -       2
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     181156  181222  .       -       0
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     181916  181980  .       -       2
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     182966  183016  .       -       2
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     184072  184164  .       -       2
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     184434  184503  .       -       0
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     184561  184653  .       -       0
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     184691  184835  .       -       1
        Parent=Smp_349100.1
SM_V9_PAR1      iris    CDS     184919  184923  .       -       0
        Parent=Smp_349100.1
SM_V9_PAR1      Liftoff gene    189387  195092  .       -       .
        ID=Smp_321750;geneID=Smp_321750
SM_V9_PAR1      Liftoff mRNA    189387  195092  .       -       .

ID=Smp_321750.1;Parent=Smp_321750;geneID=Smp_321750;product=Hypothet
ical protein
SM_V9_PAR1      Liftoff exon    189387  189940  .       -       .
        Parent=Smp_321750.1
SM_V9_PAR1      Liftoff exon    194803  195092  .       -       .
        Parent=Smp_321750.1
SM_V9_PAR1      Liftoff CDS     189617  189940  .       -       0
        Parent=Smp_321750.1
SM_V9_PAR1      Liftoff CDS     194803  194814  .       -       0
        Parent=Smp_321750.1
SM_V9_PAR1      iris    gene    280047  289244  .       +       .

ID=Smp_202700;geneID=Smp_202700;gene_name=Smp_202700;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    280047  289244  .       +       .

ID=Smp_202700.1;Parent=Smp_202700;geneID=Smp_202700;gene_name=Smp_20
2700;owner=irisadmin@local.host;orig_id=Smp_202700.2;date_last_modif
ied=2022-07-17;Name=Smp_202700.1;product=Attractin;date_creation=202
2-07-17
SM_V9_PAR1      iris    exon    280047  280074  .       +       .
        Parent=Smp_202700.1;Name=1e303b17-b761-4358-b474-
bd6884cc38f5
SM_V9_PAR1      iris    exon    280160  280298  .       +       .
        Parent=Smp_202700.1;Name=85795a8d-ccfe-4379-bb3d-
c91394dd1270
SM_V9_PAR1      iris    exon    280335  280424  .       +       .

Parent=Smp_202700.1;Name=4102cc14-7ef8-441c-832d-80020079437a
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SM_V9_PAR1      iris    exon    280482  280551  .       +       .
        Parent=Smp_202700.1;Name=f4321aef-374c-483b-87eb-
a5487f927956
SM_V9_PAR1      iris    exon    280848  280928  .       +       .
        Parent=Smp_202700.1;Name=418a532d-8052-4f97-8ab6-
b08f295a011d
SM_V9_PAR1      iris    exon    282142  282192  .       +       .
        Parent=Smp_202700.1;Name=04d0dd1f-82ab-4707-a3cb-
fc84d8e14add
SM_V9_PAR1      iris    exon    283057  283121  .       +       .
        Parent=Smp_202700.1;Name=fd107f3f-
f771-4acf-9b8b-8abf1e29a871
SM_V9_PAR1      iris    exon    283796  283862  .       +       .
        Parent=Smp_202700.1;Name=211400dc-1140-4bbb-8ab4-
b0e55ccd5f7a
SM_V9_PAR1      iris    exon    285345  285422  .       +       .
        Parent=Smp_202700.1;Name=03ea1a07-760e-48b3-b634-
d3a35782d720
SM_V9_PAR1      iris    exon    286695  286843  .       +       .
        Parent=Smp_202700.1;Name=266d7968-194f-4f20-
ae58-70c0fc7c0ce7
SM_V9_PAR1      iris    exon    287556  287684  .       +       .
        Parent=Smp_202700.1;Name=1ed30b74-ead4-4d41-86fd-
c4873f321b03
SM_V9_PAR1      iris    exon    287846  287974  .       +       .
        Parent=Smp_202700.1;Name=8b099802-ea84-4696-a7e3-
eb85951d29be
SM_V9_PAR1      iris    exon    288417  288545  .       +       .
        Parent=Smp_202700.1;Name=e9c87323-a69e-4510-
a0c7-378460f05f41
SM_V9_PAR1      iris    exon    288707  288835  .       +       .

Parent=Smp_202700.1;Name=08e5e9a6-7c1c-4fc4-863c-2ccc7aa588d4
SM_V9_PAR1      iris    exon    288883  289244  .       +       .
        Parent=Smp_202700.1;Name=7a6e48b8-8eb0-4a32-
a1b5-3e45f19f6107
SM_V9_PAR1      iris    CDS     280070  280074  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     280160  280298  .       +       1
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     280335  280424  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     280482  280551  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     280848  280928  .       +       2
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     282142  282192  .       +       2
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     283057  283121  .       +       2
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     283796  283862  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     285345  285422  .       +       2
        Parent=Smp_202700.1
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SM_V9_PAR1      iris    CDS     286695  286843  .       +       2
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     287556  287684  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     287846  287974  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     288417  288545  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     288707  288835  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    CDS     288883  289035  .       +       0
        Parent=Smp_202700.1
SM_V9_PAR1      iris    gene    300919  445292  .       -       .

ID=Smp_332820;geneID=Smp_332820;gene_name=Smp_332820;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    300919  445292  .       -       .

ID=Smp_332820.1;Parent=Smp_332820;geneID=Smp_332820;gene_name=Smp_33
2820;owner=irisadmin@local.host;orig_id=Smp_332820.1;date_last_modif
ied=2022-07-18;Name=Smp_332820.1;product=Spectrin beta chain, non-
erythrocytic 1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    300919  301802  .       -       .
        Parent=Smp_332820.1;Name=d54b7cef-c78c-4312-
b48e-2975a028f5ca
SM_V9_PAR1      iris    exon    303285  303429  .       -       .
        Parent=Smp_332820.1;Name=70f6fd76-f3cd-4050-
a28a-4267ed904741
SM_V9_PAR1      iris    exon    307104  307257  .       -       .
        Parent=Smp_332820.1;Name=e1c4becd-6e41-42f4-b1b4-
c3fbb0cd696b
SM_V9_PAR1      iris    exon    308764  309010  .       -       .
        Parent=Smp_332820.1;Name=5b869c1a-bac5-483f-a043-
a1d85124f4d7
SM_V9_PAR1      iris    exon    310560  310731  .       -       .

Parent=Smp_332820.1;Name=111e4543-2f44-490d-95bb-5f0e21a437b3
SM_V9_PAR1      iris    exon    311832  312431  .       -       .
        Parent=Smp_332820.1;Name=074fb4fb-7010-4367-
b7f9-6082bd2ddb73
SM_V9_PAR1      iris    exon    316999  317291  .       -       .

Parent=Smp_332820.1;Name=246e356c-8f2a-4708-802a-1fb5049d9e3a
SM_V9_PAR1      iris    exon    318542  318673  .       -       .
        Parent=Smp_332820.1;Name=dbe379b4-3fbf-4304-aaaf-
ee1497040b12
SM_V9_PAR1      iris    exon    319770  320183  .       -       .
        Parent=Smp_332820.1;Name=90c8be0c-
ae39-45f0-9364-7c8a73f3b191
SM_V9_PAR1      iris    exon    325236  325642  .       -       .
        Parent=Smp_332820.1;Name=071a7848-46c7-48a9-
b934-9312088bff6c
SM_V9_PAR1      iris    exon    338043  338523  .       -       .
        Parent=Smp_332820.1;Name=b24a6de7-26d4-447e-
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a3d6-761e4db2bc54
SM_V9_PAR1      iris    exon    340213  340375  .       -       .
        Parent=Smp_332820.1;Name=be41b68b-d588-4643-a84c-
bc6ab2675f77
SM_V9_PAR1      iris    exon    342922  343082  .       -       .

Parent=Smp_332820.1;Name=0099e7c3-0030-4af5-8f22-84278b4f1fec
SM_V9_PAR1      iris    exon    350240  350706  .       -       .

Parent=Smp_332820.1;Name=d936059d-5744-463b-9057-2e96ea68a635
SM_V9_PAR1      iris    exon    365200  365338  .       -       .
        Parent=Smp_332820.1;Name=7bf273c3-
dcfe-4dde-80f5-0b1e5872f93e
SM_V9_PAR1      iris    exon    368866  369045  .       -       .

Parent=Smp_332820.1;Name=e0cac2f3-1f6b-4a32-83e9-4d3cb1d3ba09
SM_V9_PAR1      iris    exon    374701  374791  .       -       .
        Parent=Smp_332820.1;Name=56f91751-be86-470d-8460-
d209bf6b24b5
SM_V9_PAR1      iris    exon    381714  381892  .       -       .
        Parent=Smp_332820.1;Name=859003c5-3c71-4022-
b679-340e58233dea
SM_V9_PAR1      iris    exon    391991  392068  .       -       .
        Parent=Smp_332820.1;Name=400376f1-adb0-40b6-94c6-
ec6cf7eedf31
SM_V9_PAR1      iris    exon    394449  394757  .       -       .
        Parent=Smp_332820.1;Name=0cf3afcf-fadb-446d-b0b7-
de1adf212fee
SM_V9_PAR1      iris    exon    397183  398197  .       -       .
        Parent=Smp_332820.1;Name=a7cd04e2-9d97-4a3d-
ae2c-276a47de681a
SM_V9_PAR1      iris    exon    400352  401094  .       -       .
        Parent=Smp_332820.1;Name=83b038ea-a506-4650-a2cf-
ce3644014ffd
SM_V9_PAR1      iris    exon    402476  403354  .       -       .
        Parent=Smp_332820.1;Name=fe176c56-16c1-4e8f-
b3d1-4b8f2632298a
SM_V9_PAR1      iris    exon    407005  408084  .       -       .
        Parent=Smp_332820.1;Name=1ad84730-c7e2-4fee-b279-
f4932a7c946f
SM_V9_PAR1      iris    exon    410537  410698  .       -       .
        Parent=Smp_332820.1;Name=68bb089b-6b6b-4cd3-
b5ed-58957aee8c9d
SM_V9_PAR1      iris    exon    419885  420424  .       -       .
        Parent=Smp_332820.1;Name=e1900b8a-
c13b-47b1-99ee-065e120053d7
SM_V9_PAR1      iris    exon    422493  422597  .       -       .
        Parent=Smp_332820.1;Name=e77d7053-2432-43a6-
b827-8b2562c0065a
SM_V9_PAR1      iris    exon    424864  425037  .       -       .
        Parent=Smp_332820.1;Name=e08dffea-3a1f-4488-
a267-05ed540faff4
SM_V9_PAR1      iris    exon    431118  431416  .       -       .
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Parent=Smp_332820.1;Name=72d3f174-117e-431c-8677-1f7e281ccceb
SM_V9_PAR1      iris    exon    444152  444248  .       -       .
        Parent=Smp_332820.1;Name=1a1cef46-4210-4cfc-
ac82-1ad54416bc87
SM_V9_PAR1      iris    exon    445202  445292  .       -       .
        Parent=Smp_332820.1;Name=8af66815-3ab9-4937-ab73-
f2e564579690
SM_V9_PAR1      iris    CDS     301233  301802  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     303285  303429  .       -       1
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     307104  307257  .       -       2
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     308764  309010  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     310560  310731  .       -       1
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     311832  312431  .       -       1
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     316999  317291  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     318542  318673  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     319770  320183  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     325236  325642  .       -       2
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     338043  338523  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     340213  340375  .       -       1
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     342922  343082  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     350240  350706  .       -       2
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     365200  365338  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     368866  369045  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     374701  374791  .       -       1
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     381714  381892  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     391991  392068  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     394449  394757  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     397183  398197  .       -       1
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     400352  401094  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     402476  403354  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     407005  408084  .       -       0
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        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     410537  410698  .       -       0
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SM_V9_PAR1      iris    CDS     419885  420424  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     422493  422597  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     424864  425037  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     431118  431416  .       -       2
        Parent=Smp_332820.1
SM_V9_PAR1      iris    CDS     444152  444197  .       -       0
        Parent=Smp_332820.1
SM_V9_PAR1      Liftoff gene    453436  462240  .       +       .
        ID=Smp_003000;geneID=Smp_003000
SM_V9_PAR1      Liftoff mRNA    453436  462240  .       +       .

ID=Smp_003000.1;Parent=Smp_003000;geneID=Smp_003000;product=Cyclin-
dependent kinase
9;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR1      Liftoff exon    453436  456938  .       +       .
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff exon    456978  457068  .       +       .
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff exon    457105  457261  .       +       .
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff exon    458287  458554  .       +       .
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff exon    461351  462240  .       +       .
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff CDS     456702  456938  .       +       0
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff CDS     456978  457068  .       +       0
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff CDS     457105  457261  .       +       2
        Parent=Smp_003000.1
SM_V9_PAR1      Liftoff CDS     458287  458554  .       +       1
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SM_V9_PAR1      iris    gene    466373  497442  .       -       .

ID=Smp_123720;geneID=Smp_123720;gene_name=Smp_123720;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    466373  497442  .       -       .

ID=Smp_123720.1;Parent=Smp_123720;geneID=Smp_123720;gene_name=Smp_12
3720;owner=irisadmin@local.host;orig_id=Smp_123720.1;date_last_modif
ied=2022-07-20;Name=Smp_123720.1;product=Sodium-coupled
monocarboxylate transporter 1;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    466373  466655  .       -       .
        Parent=Smp_123720.1;Name=01a2b606-5ed6-4494-a091-
a7288509626c
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SM_V9_PAR1	iris	exon	467705	467811	.	-	.
	Parent=Smp_123720.1;Name=b62c656b-09c3-4b4d-
b70c-02bb84e8efad
SM_V9_PAR1	iris	exon	469312	469627	.	-	.
	Parent=Smp_123720.1;Name=11491e6b-0d29-4efd-89b8-
fc65d3051480
SM_V9_PAR1	iris	exon	471783	471940	.	-	.

Parent=Smp_123720.1;Name=d9c250eb-0822-4f89-8fff-4d679b24529a
SM_V9_PAR1	iris	exon	477464	477591	.	-	.
	Parent=Smp_123720.1;Name=c9f2b2c1-a206-40b7-
be7b-6433872b3a34
SM_V9_PAR1	iris	exon	480239	480457	.	-	.

Parent=Smp_123720.1;Name=add7fe59-64da-4711-83fa-53d190ead275
SM_V9_PAR1	iris	exon	485102	485242	.	-	.
	Parent=Smp_123720.1;Name=922f84b5-326d-4cb4-
a9ca-8f7eee8549f9
SM_V9_PAR1	iris	exon	488027	488181	.	-	.
	Parent=Smp_123720.1;Name=50da4fc3-883f-43f4-84f2-
f9bdb157b707
SM_V9_PAR1	iris	exon	491744	491811	.	-	.
	Parent=Smp_123720.1;Name=9bb3d2df-1570-44a2-9d87-
a4b7ae28cf88
SM_V9_PAR1	iris	exon	492191	492242	.	-	.

Parent=Smp_123720.1;Name=232a1057-5872-4398-83c6-315d3d348abb
SM_V9_PAR1	iris	exon	493650	493715	.	-	.
	Parent=Smp_123720.1;Name=60a32332-051f-45d0-888d-
e9954986f059
SM_V9_PAR1	iris	exon	494893	495312	.	-	.
	Parent=Smp_123720.1;Name=94b313ab-7a49-47d7-ac0c-
c1bf697c497a
SM_V9_PAR1	iris	exon	497234	497442	.	-	.
	Parent=Smp_123720.1;Name=8316e764-58e1-4862-8074-
cbe9b55b3075
SM_V9_PAR1	iris	CDS	466497	466655	.	-	0
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	467705	467811	.	-	2
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	469312	469627	.	-	0
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	471783	471940	.	-	2
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	477464	477591	.	-	1
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	480239	480457	.	-	1
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	485102	485242	.	-	1
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	488027	488181	.	-	0
	Parent=Smp_123720.1
SM_V9_PAR1	iris	CDS	491744	491811	.	-	2
	Parent=Smp_123720.1
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SM_V9_PAR1      iris    CDS     492191  492242  .       -       0
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SM_V9_PAR1      iris    CDS     493650  493715  .       -       0
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SM_V9_PAR1      iris    CDS     494893  495285  .       -       0
        Parent=Smp_123720.1
SM_V9_PAR1      iris    gene    518116  609596  .       +       .

ID=Smp_123710;geneID=Smp_123710;gene_name=Smp_123710;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    518116  609596  .       +       .

ID=Smp_123710.1;Parent=Smp_123710;geneID=Smp_123710;gene_name=Smp_12
3710;owner=irisadmin@local.host;orig_id=Smp_123710.2;date_last_modif
ied=2022-07-20;Name=Smp_123710.1;product=acetyl-CoA
carboxylase;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    518116  518141  .       +       .

Parent=Smp_123710.1;Name=6ec0f0f4-4d8b-4d55-9002-9e2052a10bb1
SM_V9_PAR1      iris    exon    519040  519139  .       +       .

Parent=Smp_123710.1;Name=9bf74a15-2622-498e-9bf5-2b9586a6d7f6
SM_V9_PAR1      iris    exon    522867  522948  .       +       .
        Parent=Smp_123710.1;Name=6d82fa76-f00f-41b6-
a9cb-7e607a2ba88a
SM_V9_PAR1      iris    exon    524462  524710  .       +       .
        Parent=Smp_123710.1;Name=f7697887-ec6f-4bc1-
b6b2-6e3df7ebf7b5
SM_V9_PAR1      iris    exon    527719  527800  .       +       .
        Parent=Smp_123710.1;Name=67b35e81-b9d2-426b-8211-
fe55598c09b8
SM_V9_PAR1      iris    exon    529217  529315  .       +       .
        Parent=Smp_123710.1;Name=22ef6f21-df24-47b1-
bdea-2d8350705141
SM_V9_PAR1      iris    exon    531123  531427  .       +       .
        Parent=Smp_123710.1;Name=f1393284-aae2-41cc-
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SM_V9_PAR1      iris    exon    532888  533097  .       +       .
        Parent=Smp_123710.1;Name=8c6b17c5-
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SM_V9_PAR1      iris    exon    533854  534027  .       +       .
        Parent=Smp_123710.1;Name=754f94b9-3797-4986-
b90b-60d60d0fa2ca
SM_V9_PAR1      iris    exon    539160  539488  .       +       .
        Parent=Smp_123710.1;Name=b71992eb-c760-43e0-bb5e-
acd98c980c73
SM_V9_PAR1      iris    exon    541728  541878  .       +       .
        Parent=Smp_123710.1;Name=e94b7448-6e2e-44f4-
bdf9-15f396cb63d4
SM_V9_PAR1      iris    exon    544067  544170  .       +       .
        Parent=Smp_123710.1;Name=34de0ca3-
ea47-4873-92b2-3640170e356a
SM_V9_PAR1      iris    exon    545448  545529  .       +       .
        Parent=Smp_123710.1;Name=7279a008-1eaa-4677-812a-
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eae03be9ef74
SM_V9_PAR1      iris    exon    547140  547351  .       +       .
        Parent=Smp_123710.1;Name=af6e7c0f-8c0b-409c-8e02-
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SM_V9_PAR1      iris    exon    548997  549230  .       +       .
        Parent=Smp_123710.1;Name=57fea39f-5db0-4cbc-aa99-
db1c1db1927c
SM_V9_PAR1      iris    exon    552384  552858  .       +       .

Parent=Smp_123710.1;Name=a6c784fc-6689-47fe-840a-7481c1f1950d
SM_V9_PAR1      iris    exon    555594  555915  .       +       .
        Parent=Smp_123710.1;Name=2220a2a3-0fdd-47fc-b58c-
b1e2fd64cfaa
SM_V9_PAR1      iris    exon    558371  558792  .       +       .
        Parent=Smp_123710.1;Name=3dcbdb54-da01-4ba7-
bf46-05e2de687545
SM_V9_PAR1      iris    exon    562717  562872  .       +       .
        Parent=Smp_123710.1;Name=e60a2c6f-508a-44a8-a916-
fdeab581c4cf
SM_V9_PAR1      iris    exon    566345  566463  .       +       .
        Parent=Smp_123710.1;Name=8ac03ace-
a956-4f5f-8693-459efb3d8fcb
SM_V9_PAR1      iris    exon    569737  570051  .       +       .
        Parent=Smp_123710.1;Name=f5faa37e-
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SM_V9_PAR1      iris    exon    572784  572982  .       +       .
        Parent=Smp_123710.1;Name=25daab6e-9e26-41fa-b82b-
d8d24f4c3110
SM_V9_PAR1      iris    exon    575252  575272  .       +       .
        Parent=Smp_123710.1;Name=0a331276-3d62-4c8a-
b796-023c0a9d4007
SM_V9_PAR1      iris    exon    579717  580001  .       +       .
        Parent=Smp_123710.1;Name=3eb13835-1f2e-42d1-aa9c-
b2b7c153fdcf
SM_V9_PAR1      iris    exon    580674  580853  .       +       .
        Parent=Smp_123710.1;Name=155f4a49-20ce-44d6-
a0b2-92dcaa90e4a9
SM_V9_PAR1      iris    exon    581987  582295  .       +       .
        Parent=Smp_123710.1;Name=b77f1038-4a21-4ee2-99cd-
bf5eed8c1a28
SM_V9_PAR1      iris    exon    584567  584803  .       +       .
        Parent=Smp_123710.1;Name=e8b404ba-519a-429d-8bf7-
f85b23c1a9b1
SM_V9_PAR1      iris    exon    586043  586351  .       +       .

Parent=Smp_123710.1;Name=3f461ea1-674e-47e1-8bd6-7a84c2eaddba
SM_V9_PAR1      iris    exon    588607  588876  .       +       .
        Parent=Smp_123710.1;Name=57968807-fe59-4976-9272-
d0626495e464
SM_V9_PAR1      iris    exon    590520  590640  .       +       .
        Parent=Smp_123710.1;Name=cce4f526-9e12-421d-9557-
a339fdd85aec
SM_V9_PAR1      iris    exon    592523  592683  .       +       .
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Parent=Smp_123710.1;Name=bf865924-260e-46a0-8106-0762bfe28bd9
SM_V9_PAR1      iris    exon    592808  592906  .       +       .
        Parent=Smp_123710.1;Name=c5b93aeb-1211-49f4-9be8-
bebb5f6c7e9a
SM_V9_PAR1      iris    exon    595462  595795  .       +       .

Parent=Smp_123710.1;Name=fff67e81-86dc-4a21-9283-729194bc7368
SM_V9_PAR1      iris    exon    596275  596690  .       +       .
        Parent=Smp_123710.1;Name=3e2999b3-
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SM_V9_PAR1      iris    exon    599966  600397  .       +       .
        Parent=Smp_123710.1;Name=99abb579-
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SM_V9_PAR1      iris    exon    603310  603640  .       +       .
        Parent=Smp_123710.1;Name=9fd82827-eacf-4506-
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SM_V9_PAR1      iris    exon    605207  605395  .       +       .
        Parent=Smp_123710.1;Name=6437550f-8d22-4684-
b033-9f131abf8168
SM_V9_PAR1      iris    exon    606765  607245  .       +       .
        Parent=Smp_123710.1;Name=fd782158-8262-42a6-
ae1f-29ee765f0743
SM_V9_PAR1      iris    exon    608457  609596  .       +       .
        Parent=Smp_123710.1;Name=b6f57069-863f-42d4-
bd11-3fb94d37dbd8
SM_V9_PAR1      iris    CDS     519051  519139  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     522867  522948  .       +       1
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     524462  524710  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     527719  527800  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     529217  529315  .       +       2
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     531123  531427  .       +       2
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     532888  533097  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     533854  534027  .       +       0
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SM_V9_PAR1      iris    CDS     539160  539488  .       +       0
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SM_V9_PAR1      iris    CDS     541728  541878  .       +       1
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     544067  544170  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     545448  545529  .       +       1
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     547140  547351  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     548997  549230  .       +       1
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SM_V9_PAR1      iris    CDS     552384  552858  .       +       1
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        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     555594  555915  .       +       0
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SM_V9_PAR1      iris    CDS     558371  558792  .       +       2
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SM_V9_PAR1      iris    CDS     562717  562872  .       +       0
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SM_V9_PAR1      iris    CDS     566345  566463  .       +       0
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SM_V9_PAR1      iris    CDS     569737  570051  .       +       1
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     572784  572982  .       +       1
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     575252  575272  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     579717  580001  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     580674  580853  .       +       0
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SM_V9_PAR1      iris    CDS     581987  582295  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     584567  584803  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     586043  586351  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     588607  588876  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     590520  590640  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     592523  592683  .       +       2
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     592808  592906  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     595462  595795  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     596275  596690  .       +       2
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     599966  600397  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     603310  603640  .       +       0
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     605207  605395  .       +       2
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     606765  607245  .       +       2
        Parent=Smp_123710.1
SM_V9_PAR1      iris    CDS     608457  608643  .       +       1
        Parent=Smp_123710.1
SM_V9_PAR1      iris    gene    615188  629304  .       +       .

ID=Smp_321760;geneID=Smp_321760;gene_name=Smp_321760;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    615188  629304  .       +       .

ID=Smp_321760.1;Parent=Smp_321760;geneID=Smp_321760;gene_name=Smp_32
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1760;owner=irisadmin@local.host;orig_id=Smp_321760.1;date_last_modif
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7-20
SM_V9_PAR1      iris    exon    615188  615353  .       +       .
        Parent=Smp_321760.1;Name=091c9fe6-
ed9d-4be7-8107-10a962931d40
SM_V9_PAR1      iris    exon    629052  629304  .       +       .
        Parent=Smp_321760.1;Name=e043daf6-1200-4b19-
b68f-8f2d416928ba
SM_V9_PAR1      iris    CDS     615246  615353  .       +       0
        Parent=Smp_321760.1
SM_V9_PAR1      iris    CDS     629052  629198  .       +       0
        Parent=Smp_321760.1
SM_V9_PAR1      Liftoff gene    650230  691312  .       -       .
        ID=Smp_171720;geneID=Smp_171720
SM_V9_PAR1      Liftoff mRNA    650230  691312  .       -       .

ID=Smp_171720.1;Parent=Smp_171720;geneID=Smp_171720;product=Phosphol
ipid phosphatase 2;polypeptide_domain=InterPro:IPR000326
Pfam:PF01569
SM_V9_PAR1      Liftoff exon    650230  650747  .       -       .
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff exon    665098  665143  .       -       .
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff exon    668188  668258  .       -       .
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SM_V9_PAR1      Liftoff exon    675116  675183  .       -       .
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SM_V9_PAR1      Liftoff exon    679488  679667  .       -       .
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff exon    687679  687736  .       -       .
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff exon    689997  690199  .       -       .
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff exon    690244  690309  .       -       .
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff exon    690355  690503  .       -       .
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SM_V9_PAR1      Liftoff exon    690549  691312  .       -       .
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff CDS     650723  650747  .       -       1
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SM_V9_PAR1      Liftoff CDS     665098  665143  .       -       2
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SM_V9_PAR1      Liftoff CDS     668188  668258  .       -       1
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SM_V9_PAR1      Liftoff CDS     679488  679667  .       -       0
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SM_V9_PAR1      Liftoff CDS     687679  687736  .       -       1
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff CDS     689997  690199  .       -       0
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SM_V9_PAR1      Liftoff CDS     690355  690503  .       -       2
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff CDS     690549  690609  .       -       0
        Parent=Smp_171720.1
SM_V9_PAR1      Liftoff mRNA    650230  691312  .       -       .

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Pfam:PF01569
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        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff exon    675116  675183  .       -       .
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff exon    679488  679667  .       -       .
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff exon    687679  687736  .       -       .
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff exon    689997  690199  .       -       .
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff exon    690244  690309  .       -       .
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff exon    690355  690503  .       -       .
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff exon    690549  691312  .       -       .
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff CDS     665098  665143  .       -       1
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff CDS     675116  675183  .       -       0
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SM_V9_PAR1      Liftoff CDS     679488  679667  .       -       0
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff CDS     687679  687736  .       -       1
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff CDS     689997  690199  .       -       0
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff CDS     690244  690309  .       -       0
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff CDS     690355  690503  .       -       2
        Parent=Smp_171720.2
SM_V9_PAR1      Liftoff CDS     690549  690609  .       -       0
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SM_V9_PAR1      Liftoff gene    703596  726937  .       +       .
        ID=Smp_090690;geneID=Smp_090690
SM_V9_PAR1      Liftoff mRNA    703596  726937  .       +       .

ID=Smp_090690.1;Parent=Smp_090690;geneID=Smp_090690;product=Cytoplas
mic tRNA 2-thiolation protein
2;polypeptide_domain=InterPro:IPR011063,IPR014729,IPR019407
Pfam:PF01171,PF10288;Ontology_term=GO:0000049,GO:0002098,GO:0034227
SM_V9_PAR1      Liftoff exon    703596  713685  .       +       .
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff exon    713725  713796  .       +       .
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SM_V9_PAR1      Liftoff exon    713846  713984  .       +       .
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SM_V9_PAR1      Liftoff exon    715579  715645  .       +       .
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff exon    715695  715783  .       +       .
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff exon    715845  716063  .       +       .
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff exon    723345  723583  .       +       .
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff exon    725147  725204  .       +       .
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff exon    726666  726937  .       +       .
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff CDS     713624  713685  .       +       0
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SM_V9_PAR1      Liftoff CDS     713725  713796  .       +       1
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff CDS     713846  713984  .       +       1
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff CDS     715579  715645  .       +       0
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SM_V9_PAR1      Liftoff CDS     715695  715783  .       +       2
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff CDS     715845  716063  .       +       0
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff CDS     723345  723583  .       +       0
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff CDS     725147  725204  .       +       1
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff CDS     726666  726848  .       +       0
        Parent=Smp_090690.1
SM_V9_PAR1      Liftoff gene    732886  739929  .       +       .
        ID=Smp_321770;geneID=Smp_321770
SM_V9_PAR1      Liftoff mRNA    732886  739929  .       +       .

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potassium-transporting ATPase subunit alpha-3
SM_V9_PAR1      Liftoff exon    732886  733099  .       +       .
        Parent=Smp_321770.1
SM_V9_PAR1      Liftoff exon    736043  736198  .       +       .
        Parent=Smp_321770.1
SM_V9_PAR1      Liftoff exon    739548  739929  .       +       .
        Parent=Smp_321770.1
SM_V9_PAR1      Liftoff CDS     733060  733099  .       +       0
        Parent=Smp_321770.1
SM_V9_PAR1      Liftoff CDS     736043  736198  .       +       2
        Parent=Smp_321770.1
SM_V9_PAR1      Liftoff CDS     739548  739756  .       +       2
        Parent=Smp_321770.1
SM_V9_PAR1      iris    gene    747134  762838  .       -       .

ID=Smp_171730;geneID=Smp_171730;gene_name=Smp_171730;owner=irisadmin
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@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
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ID=Smp_171730.1;Parent=Smp_171730;geneID=Smp_171730;gene_name=Smp_17
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ied=2022-08-12;Name=Smp_171730.1;product=Hypothetical
protein;date_creation=2022-08-12
SM_V9_PAR1      iris    exon    747134  747432  .       -       .
        Parent=Smp_171730.1;Name=f43c7989-aa5e-44c9-
a954-5e8ccae2279d
SM_V9_PAR1      iris    exon    751312  751551  .       -       .
        Parent=Smp_171730.1;Name=b3800834-d4a2-456f-81a0-
bee51d64ac82
SM_V9_PAR1      iris    exon    753163  753924  .       -       .

Parent=Smp_171730.1;Name=98b81528-2959-4886-83d7-8705ea9fe17c
SM_V9_PAR1      iris    exon    757798  758348  .       -       .
        Parent=Smp_171730.1;Name=54c30a85-860b-4813-bd57-
b417cc220c21
SM_V9_PAR1      iris    exon    762745  762838  .       -       .
        Parent=Smp_171730.1;Name=131e8aeb-
d6fe-4889-880a-685135f1a789
SM_V9_PAR1      iris    CDS     747319  747432  .       -       0
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SM_V9_PAR1      iris    CDS     751312  751551  .       -       0
        Parent=Smp_171730.1
SM_V9_PAR1      iris    CDS     753163  753924  .       -       0
        Parent=Smp_171730.1
SM_V9_PAR1      iris    CDS     757798  758331  .       -       0
        Parent=Smp_171730.1
SM_V9_PAR1      Liftoff gene    774652  864582  .       -       .
        ID=Smp_171740;geneID=Smp_171740
SM_V9_PAR1      Liftoff mRNA    774652  864582  .       -       .

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Pfam:PF00005,PF00664;Ontology_term=GO:0005524,GO:0006810,GO:0016021,
GO:0016887,GO:0042626,GO:0055085
SM_V9_PAR1      Liftoff exon    774652  775603  .       -       .
        Parent=Smp_171740.1
SM_V9_PAR1      Liftoff exon    777005  777199  .       -       .
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SM_V9_PAR1      Liftoff exon    779215  779399  .       -       .
        Parent=Smp_171740.1
SM_V9_PAR1      Liftoff exon    782265  782423  .       -       .
        Parent=Smp_171740.1
SM_V9_PAR1      Liftoff exon    783817  783960  .       -       .
        Parent=Smp_171740.1
SM_V9_PAR1      Liftoff exon    793356  793584  .       -       .
        Parent=Smp_171740.1
SM_V9_PAR1      Liftoff exon    799130  799329  .       -       .
        Parent=Smp_171740.1
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SM_V9_PAR1	Liftoff exon	804806	804988	.	-	.
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SM_V9_PAR1	Liftoff exon	808545	808812	.	-	.
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff exon	810244	810351	.	-	.
	Parent=Smp_171740.1
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	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff exon	814864	815222	.	-	.
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SM_V9_PAR1	Liftoff exon	818437	818651	.	-	.
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SM_V9_PAR1	Liftoff exon	820902	821028	.	-	.
	Parent=Smp_171740.1
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SM_V9_PAR1	Liftoff exon	831803	831949	.	-	.
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SM_V9_PAR1	Liftoff exon	832347	832481	.	-	.
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SM_V9_PAR1	Liftoff exon	838700	838954	.	-	.
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SM_V9_PAR1	Liftoff exon	839911	840091	.	-	.
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SM_V9_PAR1	Liftoff exon	841883	842199	.	-	.
	Parent=Smp_171740.1
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	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff exon	846888	847267	.	-	.
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff exon	848288	848434	.	-	.
	Parent=Smp_171740.1
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SM_V9_PAR1	Liftoff exon	858444	858803	.	-	.
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SM_V9_PAR1	Liftoff exon	861111	861245	.	-	.
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff exon	864113	864229	.	-	.
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SM_V9_PAR1	Liftoff exon	864267	864449	.	-	.
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff exon	864486	864582	.	-	.
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	775489	775603	.	-	1
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	777005	777199	.	-	1
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	779215	779399	.	-	0
	Parent=Smp_171740.1
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SM_V9_PAR1	Liftoff CDS	782265	782423	.	-	0
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	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	793356	793584	.	-	1
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SM_V9_PAR1	Liftoff CDS	799130	799329	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	804806	804988	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	805980	806107	.	-	2
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SM_V9_PAR1	Liftoff CDS	808545	808812	.	-	0
	Parent=Smp_171740.1
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SM_V9_PAR1	Liftoff CDS	813213	813358	.	-	2
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	814864	815222	.	-	1
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SM_V9_PAR1	Liftoff CDS	818437	818651	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	820902	821028	.	-	1
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SM_V9_PAR1	Liftoff CDS	827534	827685	.	-	0
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SM_V9_PAR1	Liftoff CDS	831803	831949	.	-	0
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SM_V9_PAR1	Liftoff CDS	832347	832481	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	833412	833477	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	838700	838954	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	839911	840091	.	-	1
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	841883	842199	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	844984	845081	.	-	2
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	846888	847267	.	-	1
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	848288	848434	.	-	1
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	852220	852281	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	858444	858803	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	861111	861245	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	864113	864229	.	-	0
	Parent=Smp_171740.1
SM_V9_PAR1	Liftoff CDS	864267	864449	.	-	0
	Parent=Smp_171740.1
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SM_V9_PAR1      Liftoff CDS     864486  864527  .       -       0
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SM_V9_PAR1      Liftoff mRNA    877029  877418  .       -       .

ID=Smp_321780.1;Parent=Smp_321780;geneID=Smp_321780;product=Electron
transport complex subunit D
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        Parent=Smp_321780.1
SM_V9_PAR1      Liftoff exon    877232  877418  .       -       .
        Parent=Smp_321780.1
SM_V9_PAR1      Liftoff CDS     877045  877175  .       -       2
        Parent=Smp_321780.1
SM_V9_PAR1      Liftoff CDS     877232  877337  .       -       0
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SM_V9_PAR1      iris    gene    907020  945552  .       +       .

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ied=2022-07-20;Name=Smp_171750.1;product=Axin-1;date_creation=2022-0
7-20
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SM_V9_PAR1      iris    exon    915807  916121  .       +       .
        Parent=Smp_171750.1;Name=ae4a8fca-dd47-4982-9513-
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SM_V9_PAR1      iris    exon    923207  923684  .       +       .
        Parent=Smp_171750.1;Name=af6c3a39-
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SM_V9_PAR1      iris    exon    926001  927529  .       +       .
        Parent=Smp_171750.1;Name=5e74297d-99cb-4c75-a7d4-
d889b0548a9d
SM_V9_PAR1      iris    exon    929338  929738  .       +       .
        Parent=Smp_171750.1;Name=3a110938-46e2-428c-acd1-
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SM_V9_PAR1      iris    exon    940779  941108  .       +       .
        Parent=Smp_171750.1;Name=7c3968e7-52dd-48e0-
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SM_V9_PAR1      iris    exon    944530  945552  .       +       .
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SM_V9_PAR1      iris    CDS     915807  916121  .       +       1
        Parent=Smp_171750.1
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SM_V9_PAR1      iris    CDS     929338  929738  .       +       1
        Parent=Smp_171750.1
SM_V9_PAR1      iris    CDS     937138  937612  .       +       2
        Parent=Smp_171750.1
SM_V9_PAR1      iris    CDS     940779  941108  .       +       1
        Parent=Smp_171750.1
SM_V9_PAR1      iris    CDS     944530  944656  .       +       1
        Parent=Smp_171750.1
SM_V9_PAR1      Liftoff gene    966539  1012540 .       -       .
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Pfam:PF10591;Ontology_term=GO:0005509,GO:0005578,GO:0007165
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        Parent=Smp_171780.1
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        Parent=Smp_171780.1
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SM_V9_PAR1      Liftoff exon    1012371 1012540 .       -       .
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     966699  966730  .       -       2
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     971539  971681  .       -       1
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     984125  984291  .       -       0
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     986063  986151  .       -       2
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     990030  990183  .       -       0
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     992331  992434  .       -       2
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     996848  996875  .       -       0
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     1001087 1001113 .       -       0
        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff CDS     1012371 1012409 .       -       0
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        Parent=Smp_171780.1
SM_V9_PAR1      Liftoff gene    1023161 1027536 .       -       .
        ID=Smp_171770;geneID=Smp_171770
SM_V9_PAR1      Liftoff mRNA    1023161 1027536 .       -       .

ID=Smp_171770.1;Parent=Smp_171770;geneID=Smp_171770;product=Hypothet
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SM_V9_PAR1      Liftoff exon    1023161 1023390 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff exon    1024907 1025532 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff exon    1025874 1025950 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff exon    1026903 1026994 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff exon    1027025 1027102 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff exon    1027145 1027215 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff exon    1027255 1027310 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff exon    1027346 1027536 .       -       .
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1023357 1023390 .       -       1
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1024907 1025532 .       -       0
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1025874 1025950 .       -       2
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1026903 1026994 .       -       1
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1027025 1027102 .       -       1
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1027145 1027215 .       -       0
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1027255 1027310 .       -       2
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff CDS     1027346 1027364 .       -       0
        Parent=Smp_171770.1
SM_V9_PAR1      Liftoff gene    1027630 1054964 .       +       .

ID=Smp_337530;geneID=Smp_337530;previous_systematic_id=Smp_090820,Sm
p_090830
SM_V9_PAR1      Liftoff mRNA    1027630 1054964 .       +       .

ID=Smp_337530.1;Parent=Smp_337530;geneID=Smp_337530;product=Probable
CDP-diacylglycerol--glycerol-3-phosphate 3-
phosphatidyltransferase;polypeptide_domain=InterPro:IPR001736,IPR025
202 Pfam:PF13091;Ontology_term=GO:0003824
SM_V9_PAR1      Liftoff exon    1027630 1033921 .       +       .
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff exon    1037918 1037995 .       +       .
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff exon    1040316 1040653 .       +       .
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        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff exon    1043076 1043251 .       +       .
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff exon    1045175 1045569 .       +       .
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff exon    1054419 1054964 .       +       .
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff CDS     1033817 1033921 .       +       0
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff CDS     1037918 1037995 .       +       0
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff CDS     1040316 1040653 .       +       0
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff CDS     1043076 1043251 .       +       1
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff CDS     1045175 1045569 .       +       2
        Parent=Smp_337530.1
SM_V9_PAR1      Liftoff CDS     1054419 1054901 .       +       0
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SM_V9_PAR1      iris    gene    1059610 1082466 .       -       .

ID=Smp_090800;geneID=Smp_090800;gene_name=Smp_090800;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_PAR1      iris    mRNA    1059610 1082466 .       -       .

ID=Smp_090800.1;Parent=Smp_090800;geneID=Smp_090800;gene_name=Smp_09
0800;owner=irisadmin@local.host;orig_id=Smp_090800.1;date_last_modif
ied=2022-08-12;Name=Smp_090800.1;product=Xaa-Pro
dipeptidase;date_creation=2022-08-12
SM_V9_PAR1      iris    exon    1059610 1059890 .       -       .
        Parent=Smp_090800.1;Name=107d476b-8206-4c78-
b53b-66baaa525f5b
SM_V9_PAR1      iris    exon    1062590 1062784 .       -       .
        Parent=Smp_090800.1;Name=98e6a55d-b444-452c-a679-
b73a5544f64f
SM_V9_PAR1      iris    exon    1065307 1065517 .       -       .
        Parent=Smp_090800.1;Name=623b9154-e441-45bb-
a6b3-8bb43478055c
SM_V9_PAR1      iris    exon    1067364 1067564 .       -       .
        Parent=Smp_090800.1;Name=f2383edd-a8c7-4494-
b80c-7b2a06fbf0f5
SM_V9_PAR1      iris    exon    1068929 1069120 .       -       .
        Parent=Smp_090800.1;Name=307a71ca-
f84f-4e8b-8345-7eef99b4f1be
SM_V9_PAR1      iris    exon    1074024 1074068 .       -       .
        Parent=Smp_090800.1;Name=1648b42d-a501-4024-
a7bf-921b57e23cab
SM_V9_PAR1      iris    exon    1075140 1075201 .       -       .
        Parent=Smp_090800.1;Name=d0f57cb4-87c5-4806-a2dd-
c203d6658253
SM_V9_PAR1      iris    exon    1076466 1076513 .       -       .
        Parent=Smp_090800.1;Name=9b6bd52a-
e5e8-462a-994d-0c9594b79806
SM_V9_PAR1      iris    exon    1081007 1081198 .       -       .
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        Parent=Smp_090800.1;Name=55561082-38e5-4864-88af-
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SM_V9_PAR1      iris    exon    1082227 1082466 .       -       .

Parent=Smp_090800.1;Name=0eaf822e-2f06-40a4-8b30-8da305a6acda
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SM_V9_PAR1      iris    CDS     1062590 1062784 .       -       0
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        Parent=Smp_090800.1
SM_V9_PAR1      iris    CDS     1067364 1067564 .       -       1
        Parent=Smp_090800.1
SM_V9_PAR1      iris    CDS     1068929 1069120 .       -       1
        Parent=Smp_090800.1
SM_V9_PAR1      iris    CDS     1074024 1074068 .       -       1
        Parent=Smp_090800.1
SM_V9_PAR1      iris    CDS     1075140 1075201 .       -       0
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SM_V9_PAR1      iris    CDS     1076466 1076513 .       -       0
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SM_V9_PAR1      iris    CDS     1081007 1081198 .       -       0
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SM_V9_PAR1      iris    CDS     1082227 1082466 .       -       0
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SM_V9_PAR1      iris    gene    1082517 1083349 .       -       .

ID=Smp_090805;geneID=Smp_090805;gene_name=Smp_090805;owner=irisadmin
@local.host;date_last_modified=2022-08-12;date_creation=2022-08-12
SM_V9_PAR1      iris    mRNA    1082517 1083349 .       -       .

ID=Smp_090805.1;Parent=Smp_090805;geneID=Smp_090805;gene_name=Smp_09
0805;owner=irisadmin@local.host;orig_id=Smp_090800.1;date_last_modif
ied=2022-08-12;Name=Smp_090805.1;date_creation=2022-08-12
SM_V9_PAR1      iris    exon    1082517 1082642 .       -       .
        Parent=Smp_090805.1;Name=Smp_090805.1-CDS
SM_V9_PAR1      iris    exon    1082693 1082759 .       -       .
        Parent=Smp_090805.1;Name=8fc7c39c-34b7-42ee-
afb4-493481a59c59
SM_V9_PAR1      iris    exon    1082794 1082914 .       -       .

Parent=Smp_090805.1;Name=436f876c-46e8-4a05-81f9-79e68b0a56d8
SM_V9_PAR1      iris    exon    1082950 1083036 .       -       .
        Parent=Smp_090805.1;Name=283de821-bf6d-4610-9709-
a4c9e367fb62
SM_V9_PAR1      iris    exon    1083318 1083349 .       -       .
        Parent=Smp_090805.1;Name=0a1d7dfd-0d68-4bfa-
b1e1-6f4a78b620bd
SM_V9_PAR1      iris    CDS     1082561 1082642 .       -       1
        Parent=Smp_090805.1
SM_V9_PAR1      iris    CDS     1082693 1082759 .       -       2
        Parent=Smp_090805.1
SM_V9_PAR1      iris    CDS     1082794 1082914 .       -       0
        Parent=Smp_090805.1
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SM_V9_PAR1      iris    CDS     1082950 1082955 .       -       0
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SM_V9_PAR1      Liftoff gene    1136821 1173316 .       -       .
        ID=Smp_321790;geneID=Smp_321790
SM_V9_PAR1      Liftoff mRNA    1136821 1173316 .       -       .

ID=Smp_321790.1;Parent=Smp_321790;geneID=Smp_321790;product=Hypothet
ical protein
SM_V9_PAR1      Liftoff exon    1136821 1139652 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1167620 1167748 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1167795 1167923 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1167970 1168098 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1168145 1168273 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1168320 1168448 .       -       .
        Parent=Smp_321790.1
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        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1168670 1168798 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1168845 1168973 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1169020 1169148 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1169195 1169323 .       -       .
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff exon    1172916 1173316 .       -       .
        Parent=Smp_321790.1
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        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff CDS     1167620 1167748 .       -       0
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SM_V9_PAR1      Liftoff CDS     1167795 1167923 .       -       0
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff CDS     1167970 1168098 .       -       0
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SM_V9_PAR1      Liftoff CDS     1168145 1168273 .       -       0
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff CDS     1168320 1168448 .       -       0
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SM_V9_PAR1      Liftoff CDS     1168495 1168623 .       -       0
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SM_V9_PAR1      Liftoff CDS     1168670 1168798 .       -       0
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff CDS     1168845 1168973 .       -       0
        Parent=Smp_321790.1
SM_V9_PAR1      Liftoff CDS     1169020 1169148 .       -       0
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SM_V9_PAR1      Liftoff CDS     1169195 1169323 .       -       0
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SM_V9_PAR1      Liftoff CDS     1172916 1172918 .       -       0
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SM_V9_PAR1      Liftoff gene    1188791 1189266 .       -       .
        ID=Smp_321800;geneID=Smp_321800
SM_V9_PAR1      Liftoff mRNA    1188791 1189266 .       -       .

ID=Smp_321800.1;Parent=Smp_321800;geneID=Smp_321800;product=MICOS
complex subunit MIC27
SM_V9_PAR1      Liftoff exon    1188791 1188873 .       -       .
        Parent=Smp_321800.1
SM_V9_PAR1      Liftoff exon    1188926 1189266 .       -       .
        Parent=Smp_321800.1
SM_V9_PAR1      Liftoff CDS     1188835 1188873 .       -       0
        Parent=Smp_321800.1
SM_V9_PAR1      Liftoff CDS     1188926 1189087 .       -       0
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SM_V9_PAR1      iris    gene    1224335 1239087 .       -       .

ID=Smp_321810;geneID=Smp_321810;gene_name=Smp_321810;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    1224335 1239087 .       -       .

ID=Smp_321810.1;Parent=Smp_321810;geneID=Smp_321810;gene_name=Smp_32
1810;owner=irisadmin@local.host;orig_id=Smp_321810.1;date_last_modif
ied=2022-07-20;Name=Smp_321810.1;product=Hypothetical
protein;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    1224335 1224553 .       -       .
        Parent=Smp_321810.1;Name=6fc6c42a-3626-4486-
baed-1f079b8e8ba5
SM_V9_PAR1      iris    exon    1225373 1225579 .       -       .

Parent=Smp_321810.1;Name=da3d1766-1cab-4298-80c0-9053ace30fb0
SM_V9_PAR1      iris    exon    1225925 1226008 .       -       .
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d3f0e142b2f8
SM_V9_PAR1      iris    exon    1228822 1228905 .       -       .
        Parent=Smp_321810.1;Name=75f860ca-
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SM_V9_PAR1      iris    exon    1229741 1229824 .       -       .
        Parent=Smp_321810.1;Name=0e3a6921-6736-402d-
bd79-821d073058fd
SM_V9_PAR1      iris    exon    1233012 1233095 .       -       .

Parent=Smp_321810.1;Name=5ed7befa-9564-4104-9103-8c459607d6a8
SM_V9_PAR1      iris    exon    1233931 1234014 .       -       .
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SM_V9_PAR1      iris    exon    1237423 1237485 .       -       .
        Parent=Smp_321810.1;Name=b255dfed-baa8-4596-92b5-
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SM_V9_PAR1      iris    exon    1238706 1238789 .       -       .
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SM_V9_PAR1      iris    exon    1239058 1239087 .       -       .
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SM_V9_PAR1      iris    CDS     1228822 1228905 .       -       0
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SM_V9_PAR1      iris    CDS     1229741 1229824 .       -       0
        Parent=Smp_321810.1
SM_V9_PAR1      iris    CDS     1233012 1233095 .       -       0
        Parent=Smp_321810.1
SM_V9_PAR1      iris    CDS     1233931 1234014 .       -       0
        Parent=Smp_321810.1
SM_V9_PAR1      iris    CDS     1237423 1237485 .       -       0
        Parent=Smp_321810.1
SM_V9_PAR1      iris    CDS     1238706 1238744 .       -       0
        Parent=Smp_321810.1
SM_V9_PAR1      Liftoff gene    1252261 1253606 .       -       .

ID=Smp_340830;geneID=Smp_340830;previous_systematic_id=Smp_048690
SM_V9_PAR1      Liftoff mRNA    1252261 1253606 .       -       .

ID=Smp_340830.1;Parent=Smp_340830;geneID=Smp_340830;product=Enkurin;
polypeptide_domain=InterPro:IPR027012 Pfam:PF13864
SM_V9_PAR1      Liftoff exon    1252261 1252817 .       -       .
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SM_V9_PAR1      Liftoff exon    1252860 1252994 .       -       .
        Parent=Smp_340830.1
SM_V9_PAR1      Liftoff exon    1253033 1253256 .       -       .
        Parent=Smp_340830.1
SM_V9_PAR1      Liftoff exon    1253297 1253463 .       -       .
        Parent=Smp_340830.1
SM_V9_PAR1      Liftoff exon    1253499 1253606 .       -       .
        Parent=Smp_340830.1
SM_V9_PAR1      Liftoff CDS     1252635 1252817 .       -       0
        Parent=Smp_340830.1
SM_V9_PAR1      Liftoff CDS     1252860 1252994 .       -       0
        Parent=Smp_340830.1
SM_V9_PAR1      Liftoff CDS     1253033 1253256 .       -       2
        Parent=Smp_340830.1
SM_V9_PAR1      Liftoff CDS     1253297 1253463 .       -       1
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SM_V9_PAR1      Liftoff CDS     1253499 1253560 .       -       0
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SM_V9_PAR1      iris    gene    1265161 1270925 .       +       .

ID=Smp_242430;geneID=Smp_242430;gene_name=Smp_242430;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    1265161 1270925 .       +       .

ID=Smp_242430.1;Parent=Smp_242430;geneID=Smp_242430;gene_name=Smp_24
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ied=2022-07-17;Name=Smp_242430.1;product=RING finger protein
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11;date_creation=2022-07-17
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SM_V9_PAR1      iris    exon    1266690 1266844 .       +       .

Parent=Smp_242430.1;Name=d50e75fa-9940-4fd8-8de0-9206cd37d847
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SM_V9_PAR1      iris    CDS     1266690 1266844 .       +       0
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SM_V9_PAR1      iris    CDS     1267851 1268199 .       +       1
        Parent=Smp_242430.1
SM_V9_PAR1      iris    gene    1282519 1375277 .       -       .

ID=Smp_148200;geneID=Smp_148200;gene_name=Smp_148200;owner=irisadmin
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SM_V9_PAR1      iris    mRNA    1282519 1375277 .       -       .

ID=Smp_148200.1;Parent=Smp_148200;geneID=Smp_148200;gene_name=Smp_14
8200;owner=irisadmin@local.host;orig_id=Smp_148200.1;date_last_modif
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n=2022-08-19
SM_V9_PAR1      iris    exon    1282519 1283279 .       -       .
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a985-4bfaf395f739
SM_V9_PAR1      iris    exon    1295536 1297077 .       -       .
        Parent=Smp_148200.1;Name=9a11bcd4-0ce9-494a-
aee6-918e93f26c58
SM_V9_PAR1      iris    exon    1298596 1299172 .       -       .
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SM_V9_PAR1      iris    exon    1307448 1308439 .       -       .
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SM_V9_PAR1      iris    exon    1310057 1310922 .       -       .
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a821-440624ce9523
SM_V9_PAR1      iris    exon    1314182 1314335 .       -       .

Parent=Smp_148200.1;Name=d922dbe3-6094-46b4-922b-0bb633a8f741
SM_V9_PAR1      iris    exon    1317594 1318531 .       -       .
        Parent=Smp_148200.1;Name=e0362d27-
ac76-4162-9ff8-122662ae21ab
SM_V9_PAR1      iris    exon    1327887 1328421 .       -       .

Parent=Smp_148200.1;Name=2b3a6214-595f-4399-9d79-845ba1063220
SM_V9_PAR1      iris    exon    1374626 1375277 .       -       .
        Parent=Smp_148200.1;Name=36cb8e84-cc98-49d4-a2b3-
d352a28c134d
SM_V9_PAR1      iris    CDS     1283142 1283279 .       -       0
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SM_V9_PAR1      iris    CDS     1295536 1297077 .       -       0
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SM_V9_PAR1      iris    CDS     1298596 1299172 .       -       1
        Parent=Smp_148200.1
SM_V9_PAR1      iris    CDS     1307448 1308439 .       -       0
        Parent=Smp_148200.1
SM_V9_PAR1      iris    CDS     1310057 1310922 .       -       2
        Parent=Smp_148200.1
SM_V9_PAR1      iris    CDS     1314182 1314335 .       -       0
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SM_V9_PAR1      iris    CDS     1317594 1318531 .       -       2
        Parent=Smp_148200.1
SM_V9_PAR1      iris    CDS     1327887 1328271 .       -       0
        Parent=Smp_148200.1
SM_V9_PAR1      Liftoff gene    1424471 1431357 .       -       .
        ID=Smp_048660;geneID=Smp_048660
SM_V9_PAR1      Liftoff mRNA    1424471 1431357 .       -       .

ID=Smp_048660.1;Parent=Smp_048660;geneID=Smp_048660;product=Nucleola
r protein
56;polypeptide_domain=InterPro:IPR002687,IPR012974,IPR012976
Pfam:PF01798,PF08156
SM_V9_PAR1      Liftoff exon    1424471 1425110 .       -       .
        Parent=Smp_048660.1
SM_V9_PAR1      Liftoff exon    1427865 1428388 .       -       .
        Parent=Smp_048660.1
SM_V9_PAR1      Liftoff exon    1428426 1428691 .       -       .
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SM_V9_PAR1      Liftoff exon    1428731 1429239 .       -       .
        Parent=Smp_048660.1
SM_V9_PAR1      Liftoff exon    1431323 1431357 .       -       .
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SM_V9_PAR1      Liftoff CDS     1424571 1425110 .       -       0
        Parent=Smp_048660.1
SM_V9_PAR1      Liftoff CDS     1427865 1428388 .       -       2
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SM_V9_PAR1      Liftoff CDS     1428426 1428691 .       -       1
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SM_V9_PAR1      Liftoff CDS     1428731 1429239 .       -       0
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SM_V9_PAR1      Liftoff CDS     1431323 1431328 .       -       0
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SM_V9_PAR1      iris    gene    1441831 1442424 .       +       .

ID=Smp_048650;geneID=Smp_048650;gene_name=Smp_048650;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    1441831 1442424 .       +       .

ID=Smp_048650.1;Parent=Smp_048650;geneID=Smp_048650;gene_name=Smp_04
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ied=2022-07-20;Name=Smp_048650.1;product=Histidine triad nucleotide-
binding protein 1;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    1441831 1442143 .       +       .
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Parent=Smp_048650.1;Name=c4db2c3e-26df-4cf6-96cd-63cf5ce97fb5
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        Parent=Smp_048650.1;Name=9a1cc41e-390e-4a8a-
a93c-04b28b7fec67
SM_V9_PAR1      iris    CDS     1441925 1442143 .       +       0
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SM_V9_PAR1      iris    CDS     1442186 1442350 .       +       0
        Parent=Smp_048650.1
SM_V9_PAR1      Liftoff gene    1446684 1467249 .       -       .
        ID=Smp_148190;geneID=Smp_148190
SM_V9_PAR1      Liftoff mRNA    1446684 1467249 .       -       .

ID=Smp_148190.1;Parent=Smp_148190;geneID=Smp_148190;product=Transcri
ption factor 7;polypeptide_domain=InterPro:IPR009071 Pfam:PF00505
SM_V9_PAR1      Liftoff exon    1446684 1447547 .       -       .
        Parent=Smp_148190.1
SM_V9_PAR1      Liftoff exon    1450076 1450148 .       -       .
        Parent=Smp_148190.1
SM_V9_PAR1      Liftoff exon    1453876 1455131 .       -       .
        Parent=Smp_148190.1
SM_V9_PAR1      Liftoff exon    1459346 1467249 .       -       .
        Parent=Smp_148190.1
SM_V9_PAR1      Liftoff CDS     1447037 1447547 .       -       1
        Parent=Smp_148190.1
SM_V9_PAR1      Liftoff CDS     1450076 1450148 .       -       2
        Parent=Smp_148190.1
SM_V9_PAR1      Liftoff CDS     1453876 1455131 .       -       1
        Parent=Smp_148190.1
SM_V9_PAR1      Liftoff CDS     1459346 1459995 .       -       0
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SM_V9_PAR1      Liftoff gene    1494631 1495663 .       +       .
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SM_V9_PAR1      Liftoff mRNA    1494631 1495663 .       +       .

ID=Smp_148180.1;Parent=Smp_148180;geneID=Smp_148180;product=Zinc
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SM_V9_PAR1      Liftoff exon    1494631 1495663 .       +       .
        Parent=Smp_148180.1
SM_V9_PAR1      Liftoff CDS     1494743 1495258 .       +       0
        Parent=Smp_148180.1
SM_V9_PAR1      Liftoff gene    1518740 1530385 .       +       .
        ID=Smp_048620;geneID=Smp_048620
SM_V9_PAR1      Liftoff mRNA    1518740 1530385 .       +       .

ID=Smp_048620.1;Parent=Smp_048620;geneID=Smp_048620;product=Exosome
complex component
RRP45;polypeptide_domain=InterPro:IPR001247,IPR015847,IPR020568,IPR0
27408 Pfam:PF01138,PF03725
SM_V9_PAR1      Liftoff exon    1518740 1518843 .       +       .
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff exon    1523458 1523747 .       +       .
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff exon    1525664 1525911 .       +       .
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        Parent=Smp_048620.1
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SM_V9_PAR1      Liftoff exon    1529374 1530385 .       +       .
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff CDS     1518779 1518843 .       +       0
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff CDS     1523458 1523747 .       +       1
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff CDS     1525664 1525911 .       +       2
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff CDS     1527229 1527470 .       +       0
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff CDS     1529374 1530028 .       +       1
        Parent=Smp_048620.1
SM_V9_PAR1      Liftoff gene    1540901 1552517 .       +       .
        ID=Smp_148160;geneID=Smp_148160
SM_V9_PAR1      Liftoff mRNA    1540901 1552517 .       +       .

ID=Smp_148160.1;Parent=Smp_148160;geneID=Smp_148160;product=Spermato
genesis-associated protein 6;polypeptide_domain=InterPro:IPR032732
Pfam:PF14909
SM_V9_PAR1      Liftoff exon    1540901 1541012 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1541052 1541189 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1541224 1541272 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1541307 1541476 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1541508 1541585 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1541621 1541652 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1543246 1543420 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1543672 1543747 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1545914 1545930 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1549786 1549850 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff exon    1551656 1552517 .       +       .
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff CDS     1540971 1541012 .       +       0
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff CDS     1541052 1541189 .       +       0
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SM_V9_PAR1      Liftoff CDS     1541224 1541272 .       +       0
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff CDS     1541307 1541476 .       +       2
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff CDS     1541508 1541585 .       +       0
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SM_V9_PAR1      Liftoff CDS     1543672 1543747 .       +       0
        Parent=Smp_148160.1
SM_V9_PAR1      Liftoff CDS     1545914 1545930 .       +       2
        Parent=Smp_148160.1
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SM_V9_PAR1      Liftoff CDS     1551656 1551725 .       +       1
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    1573858 1593802 .       +       .

ID=Smp_344090.1;Parent=Smp_344090;geneID=Smp_344090;gene_name=Smp_34
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ied=2022-07-20;Name=Smp_344090.1;product=Double-strand-break repair
protein rad21 homolog;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    1573858 1573991 .       +       .
        Parent=Smp_344090.1;Name=af98a85e-2155-4fb2-
a1d0-1bbe03a570b1
SM_V9_PAR1      iris    exon    1576682 1577065 .       +       .

Parent=Smp_344090.1;Name=d58d7f28-1966-449c-8ec1-38f10d5ae3a4
SM_V9_PAR1      iris    exon    1577107 1577489 .       +       .
        Parent=Smp_344090.1;Name=3aee9fe8-3cc3-4743-9c53-
ce7c3d45525a
SM_V9_PAR1      iris    exon    1580440 1580636 .       +       .
        Parent=Smp_344090.1;Name=37199a18-bd9e-4991-
a0f5-35d7fbd535ee
SM_V9_PAR1      iris    exon    1580639 1580937 .       +       .
        Parent=Smp_344090.1;Name=f779800d-8f1a-462c-ae9f-
f4c4a3382de3
SM_V9_PAR1      iris    exon    1583987 1584362 .       +       .
        Parent=Smp_344090.1;Name=7db6791d-0a88-4986-a9f0-
efad7a7d5ddc
SM_V9_PAR1      iris    exon    1585903 1586107 .       +       .
        Parent=Smp_344090.1;Name=97068d19-
dce6-4927-879d-8c560bd77dcd
SM_V9_PAR1      iris    exon    1586666 1586808 .       +       .
        Parent=Smp_344090.1;Name=ca8b2e5b-37e2-4016-
a911-126fb0f9ca8b
SM_V9_PAR1      iris    exon    1591065 1591364 .       +       .
        Parent=Smp_344090.1;Name=cbd0822d-3500-49eb-90c8-
a6bb91ccba20
SM_V9_PAR1      iris    exon    1593227 1593802 .       +       .

Parent=Smp_344090.1;Name=de782e30-7f85-4fa5-851b-0c75c5436ecd
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SM_V9_PAR1      iris    CDS     1580440 1580636 .       +       2
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SM_V9_PAR1      iris    CDS     1583987 1584362 .       +       1
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SM_V9_PAR1      iris    CDS     1593227 1593355 .       +       0
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ID=Smp_346150;geneID=Smp_346150;previous_systematic_id=Smp_172740
SM_V9_PAR1      Liftoff mRNA    1597448 1657488 .       +       .

ID=Smp_346150.1;Parent=Smp_346150;geneID=Smp_346150;product=Ras-
related protein
Rab-26;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_PAR1      Liftoff exon    1597448 1597594 .       +       .
        Parent=Smp_346150.1
SM_V9_PAR1      Liftoff exon    1620912 1621022 .       +       .
        Parent=Smp_346150.1
SM_V9_PAR1      Liftoff exon    1625078 1625186 .       +       .
        Parent=Smp_346150.1
SM_V9_PAR1      Liftoff exon    1628004 1628056 .       +       .
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SM_V9_PAR1      Liftoff exon    1647495 1647623 .       +       .
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SM_V9_PAR1      Liftoff exon    1653815 1653891 .       +       .
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SM_V9_PAR1      Liftoff exon    1656596 1657488 .       +       .
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SM_V9_PAR1      Liftoff CDS     1620912 1621022 .       +       0
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SM_V9_PAR1      Liftoff CDS     1628004 1628056 .       +       2
        Parent=Smp_346150.1
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SM_V9_PAR1      Liftoff CDS     1653815 1653891 .       +       0
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SM_V9_PAR1      Liftoff CDS     1656596 1656785 .       +       1
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SM_V9_PAR1      Liftoff gene    1701355 1711990 .       -       .
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ID=Smp_148140;geneID=Smp_148140;previous_systematic_id=Smp_112660
SM_V9_PAR1      Liftoff mRNA    1701355 1711990 .       -       .

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drial fission factor;polypeptide_domain=Pfam:PF05644
SM_V9_PAR1      Liftoff exon    1701355 1702134 .       -       .
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SM_V9_PAR1      Liftoff exon    1702950 1703115 .       -       .
        Parent=Smp_148140.1
SM_V9_PAR1      Liftoff exon    1710287 1711990 .       -       .
        Parent=Smp_148140.1
SM_V9_PAR1      Liftoff CDS     1701846 1702134 .       -       1
        Parent=Smp_148140.1
SM_V9_PAR1      Liftoff CDS     1702950 1703115 .       -       2
        Parent=Smp_148140.1
SM_V9_PAR1      Liftoff CDS     1710287 1710449 .       -       0
        Parent=Smp_148140.1
SM_V9_PAR1      Liftoff gene    1716394 1756148 .       +       .
        ID=Smp_148130;geneID=Smp_148130
SM_V9_PAR1      Liftoff mRNA    1716394 1756148 .       +       .

ID=Smp_148130.1;Parent=Smp_148130;geneID=Smp_148130;product=Fas-
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SM_V9_PAR1      Liftoff exon    1716394 1716508 .       +       .
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SM_V9_PAR1      Liftoff exon    1716547 1716577 .       +       .
        Parent=Smp_148130.1
SM_V9_PAR1      Liftoff exon    1716615 1716677 .       +       .
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SM_V9_PAR1      Liftoff exon    1716715 1716834 .       +       .
        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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SM_V9_PAR1      Liftoff exon    1731949 1732107 .       +       .
        Parent=Smp_148130.1
SM_V9_PAR1      Liftoff exon    1734091 1734352 .       +       .
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SM_V9_PAR1      Liftoff exon    1736751 1736843 .       +       .
        Parent=Smp_148130.1
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SM_V9_PAR1      Liftoff exon    1741266 1741409 .       +       .
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SM_V9_PAR1      Liftoff exon    1745869 1745999 .       +       .
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SM_V9_PAR1      Liftoff exon    1749532 1749730 .       +       .
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SM_V9_PAR1      Liftoff exon    1752423 1752478 .       +       .
        Parent=Smp_148130.1
SM_V9_PAR1      Liftoff exon    1755876 1756148 .       +       .
        Parent=Smp_148130.1
SM_V9_PAR1      Liftoff CDS     1716455 1716508 .       +       0
        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
SM_V9_PAR1      Liftoff CDS     1724264 1724346 .       +       2
        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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SM_V9_PAR1      Liftoff CDS     1741266 1741409 .       +       0
        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
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        Parent=Smp_148130.1
SM_V9_PAR1      Liftoff CDS     1752423 1752478 .       +       2
        Parent=Smp_148130.1
SM_V9_PAR1      Liftoff CDS     1755876 1755950 .       +       0
        Parent=Smp_148130.1
SM_V9_PAR1      iris    gene    1776104 1801120 .       +       .

ID=Smp_048560;geneID=Smp_048560;gene_name=Smp_048560;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
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ID=Smp_048560.2;Parent=Smp_048560;geneID=Smp_048560;gene_name=Smp_04
8560;owner=irisadmin@local.host;orig_id=Smp_048560.1;date_last_modif
ied=2022-07-20;Name=Smp_048560.2;product=Four and a half LIM domains
protein 2;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    1776104 1776143 .       +       .

Parent=Smp_048560.2;Name=f7f474ac-76b6-482c-8701-8603ebfa24e9
SM_V9_PAR1      iris    exon    1778146 1778244 .       +       .
        Parent=Smp_048560.2;Name=3037b249-fb5c-475b-b3c8-
c2b0f3791407
SM_V9_PAR1      iris    exon    1778292 1778481 .       +       .
        Parent=Smp_048560.2;Name=cc322b71-adcd-4bd6-9ba2-
f4cec171f6c2
SM_V9_PAR1      iris    exon    1780557 1780823 .       +       .
        Parent=Smp_048560.2;Name=881f7399-0033-48f4-aa55-
e717851184c1
SM_V9_PAR1      iris    exon    1785074 1785328 .       +       .
        Parent=Smp_048560.2;Name=c6148be4-
ae3e-4547-9147-8ce5419f0bac
SM_V9_PAR1      iris    exon    1790052 1790252 .       +       .
        Parent=Smp_048560.2;Name=ad025d50-2dc0-4f18-
b82b-5e7a40941bd6
SM_V9_PAR1      iris    exon    1795073 1795417 .       +       .
        Parent=Smp_048560.2;Name=d3ee3ef5-3a55-4dcb-9bfc-
b2351cc6267f
SM_V9_PAR1      iris    exon    1797295 1797481 .       +       .

Parent=Smp_048560.2;Name=116605a9-765f-4120-9588-9f44e9e2a05c
SM_V9_PAR1      iris    exon    1799276 1801120 .       +       .
        Parent=Smp_048560.2;Name=8dd94077-d5b9-4cf9-89d0-
f4ce100f1781
SM_V9_PAR1      iris    CDS     1778165 1778244 .       +       0
        Parent=Smp_048560.2
SM_V9_PAR1      iris    CDS     1778292 1778481 .       +       1
        Parent=Smp_048560.2
SM_V9_PAR1      iris    CDS     1780557 1780823 .       +       0
        Parent=Smp_048560.2
SM_V9_PAR1      iris    CDS     1785074 1785328 .       +       0
        Parent=Smp_048560.2
SM_V9_PAR1      iris    CDS     1790052 1790252 .       +       0
        Parent=Smp_048560.2
SM_V9_PAR1      iris    CDS     1795073 1795417 .       +       0
        Parent=Smp_048560.2
SM_V9_PAR1      iris    CDS     1797295 1797481 .       +       0
        Parent=Smp_048560.2
SM_V9_PAR1      iris    CDS     1799276 1799421 .       +       2
        Parent=Smp_048560.2
SM_V9_PAR1      iris    mRNA    1789884 1801120 .       +       .

ID=Smp_048560.1;Parent=Smp_048560;geneID=Smp_048560;gene_name=Smp_04
8560;owner=irisadmin@local.host;orig_id=Smp_048560.2;date_last_modif
ied=2022-07-20;Name=Smp_048560.1;product=Four and a half LIM domains
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protein 2;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    1789884 1790252 .       +       .
        Parent=Smp_048560.1;Name=d61ac19b-f97d-4f84-b749-
f179ea309840
SM_V9_PAR1      iris    exon    1795073 1795417 .       +       .

Parent=Smp_048560.1;Name=8f750eef-1810-4b56-94c0-897970345c4f
SM_V9_PAR1      iris    exon    1797295 1797481 .       +       .
        Parent=Smp_048560.1;Name=8eee3f0c-6000-4daf-8f2a-
d051bb1c8418
SM_V9_PAR1      iris    exon    1799276 1801120 .       +       .
        Parent=Smp_048560.1;Name=9d8989e2-8e9c-408a-
b5db-1d277acfa823
SM_V9_PAR1      iris    CDS     1790082 1790252 .       +       0
        Parent=Smp_048560.1
SM_V9_PAR1      iris    CDS     1795073 1795417 .       +       0
        Parent=Smp_048560.1
SM_V9_PAR1      iris    CDS     1797295 1797481 .       +       0
        Parent=Smp_048560.1
SM_V9_PAR1      iris    CDS     1799276 1799421 .       +       2
        Parent=Smp_048560.1
SM_V9_PAR1      Liftoff gene    1885175 1889960 .       -       .
        ID=Smp_048550;geneID=Smp_048550
SM_V9_PAR1      Liftoff mRNA    1885175 1889960 .       -       .

ID=Smp_048550.1;Parent=Smp_048550;geneID=Smp_048550;product=Partitio
ning defective 6 homolog
beta;polypeptide_domain=InterPro:IPR000270,IPR001478
Pfam:PF00564,PF00595;Ontology_term=GO:0005515
SM_V9_PAR1      Liftoff exon    1885175 1886599 .       -       .
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff exon    1889375 1889573 .       -       .
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff exon    1889608 1889833 .       -       .
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff exon    1889871 1889960 .       -       .
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff CDS     1886005 1886599 .       -       1
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff CDS     1889375 1889573 .       -       2
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff CDS     1889608 1889833 .       -       0
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff CDS     1889871 1889906 .       -       0
        Parent=Smp_048550.1
SM_V9_PAR1      Liftoff gene    1897556 1910740 .       -       .
        ID=Smp_048540;geneID=Smp_048540
SM_V9_PAR1      Liftoff mRNA    1897556 1910740 .       -       .

ID=Smp_048540.1;Parent=Smp_048540;geneID=Smp_048540;product=Dolichol
kinase
SM_V9_PAR1      Liftoff exon    1897556 1897905 .       -       .
        Parent=Smp_048540.1
SM_V9_PAR1      Liftoff exon    1901156 1901322 .       -       .
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        Parent=Smp_048540.1
SM_V9_PAR1      Liftoff exon    1905899 1906061 .       -       .
        Parent=Smp_048540.1
SM_V9_PAR1      Liftoff exon    1907182 1910740 .       -       .
        Parent=Smp_048540.1
SM_V9_PAR1      Liftoff CDS     1897750 1897905 .       -       0
        Parent=Smp_048540.1
SM_V9_PAR1      Liftoff CDS     1901156 1901322 .       -       2
        Parent=Smp_048540.1
SM_V9_PAR1      Liftoff CDS     1905899 1906061 .       -       0
        Parent=Smp_048540.1
SM_V9_PAR1      Liftoff CDS     1907182 1908147 .       -       0
        Parent=Smp_048540.1
SM_V9_PAR1      iris    gene    1914744 1940572 .       +       .

ID=Smp_148120;geneID=Smp_148120;gene_name=Smp_148120;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    1914744 1940572 .       +       .

ID=Smp_148120.1;Parent=Smp_148120;geneID=Smp_148120;gene_name=Smp_14
8120;owner=irisadmin@local.host;orig_id=Smp_148120.1;date_last_modif
ied=2022-07-17;Name=Smp_148120.1;product=Protein
SCAF8;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    1914744 1914878 .       +       .
        Parent=Smp_148120.1;Name=60340731-c3bd-44a4-
acc2-1f54d3e4fceb
SM_V9_PAR1      iris    exon    1914913 1915318 .       +       .
        Parent=Smp_148120.1;Name=21fd3b25-
b0fe-4da9-9457-6f917bafe98f
SM_V9_PAR1      iris    exon    1915351 1915556 .       +       .
        Parent=Smp_148120.1;Name=9d224e43-f47f-4887-
adcd-67f9a35df975
SM_V9_PAR1      iris    exon    1917507 1917670 .       +       .
        Parent=Smp_148120.1;Name=926d4290-41f2-4e2e-b031-
ef63680e8a2e
SM_V9_PAR1      iris    exon    1921494 1921713 .       +       .
        Parent=Smp_148120.1;Name=7ba0eaed-64e9-43ed-a4ff-
cdad92d8dc94
SM_V9_PAR1      iris    exon    1922754 1922975 .       +       .
        Parent=Smp_148120.1;Name=dbdda6f5-c7f6-4ab7-b180-
e1681be5a230
SM_V9_PAR1      iris    exon    1925579 1925865 .       +       .
        Parent=Smp_148120.1;Name=8a7f2b7d-c4ba-4eea-89ef-
baa02e1f6453
SM_V9_PAR1      iris    exon    1930055 1931007 .       +       .
        Parent=Smp_148120.1;Name=80543086-52b6-48fc-
a633-5aa305c46abc
SM_V9_PAR1      iris    exon    1932961 1933353 .       +       .
        Parent=Smp_148120.1;Name=7aeb6160-68e4-45f5-aac4-
b8fa9129ecf1
SM_V9_PAR1      iris    exon    1936354 1936557 .       +       .
        Parent=Smp_148120.1;Name=3f0143b6-3a42-4b4e-
bbec-1c7b8973d658
SM_V9_PAR1      iris    exon    1939646 1940572 .       +       .
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        Parent=Smp_148120.1;Name=73204d4b-ed48-44f4-9103-
b42e11168433
SM_V9_PAR1      iris    CDS     1914849 1914878 .       +       0
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1914913 1915318 .       +       0
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1915351 1915556 .       +       2
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1917507 1917670 .       +       0
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1921494 1921713 .       +       1
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1922754 1922975 .       +       0
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1925579 1925865 .       +       0
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1930055 1931007 .       +       1
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1932961 1933353 .       +       2
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1936354 1936557 .       +       2
        Parent=Smp_148120.1
SM_V9_PAR1      iris    CDS     1939646 1940238 .       +       2
        Parent=Smp_148120.1
SM_V9_PAR1      Liftoff gene    1946878 1956978 .       -       .
        ID=Smp_048520;geneID=Smp_048520
SM_V9_PAR1      Liftoff mRNA    1946878 1956978 .       -       .

ID=Smp_048520.1;Parent=Smp_048520;geneID=Smp_048520;product=Dehydrod
olichyl diphosphate synthase complex subunit
DHDDS;polypeptide_domain=InterPro:IPR001441,IPR018520
Pfam:PF01255;Ontology_term=GO:0016765
SM_V9_PAR1      Liftoff exon    1946878 1947496 .       -       .
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff exon    1949619 1949847 .       -       .
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff exon    1951629 1951730 .       -       .
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff exon    1953753 1953869 .       -       .
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff exon    1953926 1954068 .       -       .
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff exon    1954121 1956978 .       -       .
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff CDS     1947335 1947496 .       -       0
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff CDS     1949619 1949847 .       -       1
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff CDS     1951629 1951730 .       -       1
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff CDS     1953753 1953869 .       -       1
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff CDS     1953926 1954068 .       -       0
        Parent=Smp_048520.1
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SM_V9_PAR1      Liftoff CDS     1954121 1954303 .       -       0
        Parent=Smp_048520.1
SM_V9_PAR1      Liftoff mRNA    1946878 1956978 .       -       .

ID=Smp_048520.2;Parent=Smp_048520;geneID=Smp_048520;product=Dehydrod
olichyl diphosphate synthase complex subunit
DHDDS;polypeptide_domain=InterPro:IPR001441
Pfam:PF01255;Ontology_term=GO:0016765
SM_V9_PAR1      Liftoff exon    1946878 1947496 .       -       .
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff exon    1951629 1951730 .       -       .
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff exon    1953753 1953869 .       -       .
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff exon    1953926 1954068 .       -       .
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff exon    1954121 1956978 .       -       .
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff CDS     1947490 1947496 .       -       1
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff CDS     1951629 1951730 .       -       1
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff CDS     1953753 1953869 .       -       1
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff CDS     1953926 1954068 .       -       0
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff CDS     1954121 1954303 .       -       0
        Parent=Smp_048520.2
SM_V9_PAR1      Liftoff gene    2086398 2091000 .       -       .
        ID=Smp_321830;geneID=Smp_321830
SM_V9_PAR1      Liftoff mRNA    2086398 2091000 .       -       .

ID=Smp_321830.1;Parent=Smp_321830;geneID=Smp_321830;product=Dapper
homolog 1
SM_V9_PAR1      Liftoff exon    2086398 2089834 .       -       .
        Parent=Smp_321830.1
SM_V9_PAR1      Liftoff exon    2090801 2090878 .       -       .
        Parent=Smp_321830.1
SM_V9_PAR1      Liftoff exon    2090924 2091000 .       -       .
        Parent=Smp_321830.1
SM_V9_PAR1      Liftoff CDS     2089756 2089834 .       -       1
        Parent=Smp_321830.1
SM_V9_PAR1      Liftoff CDS     2090801 2090878 .       -       1
        Parent=Smp_321830.1
SM_V9_PAR1      Liftoff CDS     2090924 2090952 .       -       0
        Parent=Smp_321830.1
SM_V9_PAR1      iris    gene    2147551 2168125 .       -       .

ID=Smp_148110;geneID=Smp_148110;gene_name=Smp_148110;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR1      iris    mRNA    2147551 2168125 .       -       .

ID=Smp_148110.1;Parent=Smp_148110;geneID=Smp_148110;gene_name=Smp_14
8110;owner=irisadmin@local.host;orig_id=Smp_148110.1;date_last_modif
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ied=2022-08-19;Name=Smp_148110.1;product=Transcription factor
SOX-10;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    2147551 2152897 .       -       .
        Parent=Smp_148110.1;Name=6adbc28f-ab6d-46bc-
b9c0-85d0e13b3427
SM_V9_PAR1      iris    exon    2167432 2168125 .       -       .
        Parent=Smp_148110.1;Name=dbb279d6-46b7-444b-
acf6-1939b9fcb7ee
SM_V9_PAR1      iris    CDS     2149661 2152897 .       -       0
        Parent=Smp_148110.1
SM_V9_PAR1      iris    CDS     2167432 2167653 .       -       0
        Parent=Smp_148110.1
SM_V9_PAR1      Liftoff gene    2374043 2374953 .       +       .
        ID=Smp_128510;geneID=Smp_128510
SM_V9_PAR1      Liftoff mRNA    2374043 2374953 .       +       .

ID=Smp_128510.1;Parent=Smp_128510;geneID=Smp_128510;product=D-
aminoacyl-tRNA deacylase
SM_V9_PAR1      Liftoff exon    2374043 2374953 .       +       .
        Parent=Smp_128510.1
SM_V9_PAR1      Liftoff CDS     2374139 2374675 .       +       0
        Parent=Smp_128510.1
SM_V9_PAR1      Liftoff gene    2379146 2390009 .       -       .

ID=Smp_342360;geneID=Smp_342360;previous_systematic_id=Smp_128500
SM_V9_PAR1      Liftoff mRNA    2379146 2390009 .       -       .

ID=Smp_342360.1;Parent=Smp_342360;geneID=Smp_342360;product=Lysine-
specific demethylase 8;polypeptide_domain=InterPro:IPR003347
Pfam:PF13621
SM_V9_PAR1      Liftoff exon    2379146 2380129 .       -       .
        Parent=Smp_342360.1
SM_V9_PAR1      Liftoff exon    2380775 2390009 .       -       .
        Parent=Smp_342360.1
SM_V9_PAR1      Liftoff CDS     2379303 2380129 .       -       2
        Parent=Smp_342360.1
SM_V9_PAR1      Liftoff CDS     2380775 2381009 .       -       0
        Parent=Smp_342360.1
SM_V9_PAR1      Liftoff gene    2403984 2404512 .       +       .
        ID=Smp_084460;geneID=Smp_084460
SM_V9_PAR1      Liftoff mRNA    2403984 2404512 .       +       .

ID=Smp_084460.1;Parent=Smp_084460;geneID=Smp_084460;product=60S
ribosomal protein L28;polypeptide_domain=InterPro:IPR029004
Pfam:PF01778
SM_V9_PAR1      Liftoff exon    2403984 2404357 .       +       .
        Parent=Smp_084460.1
SM_V9_PAR1      Liftoff exon    2404395 2404512 .       +       .
        Parent=Smp_084460.1
SM_V9_PAR1      Liftoff CDS     2404034 2404357 .       +       0
        Parent=Smp_084460.1
SM_V9_PAR1      Liftoff CDS     2404395 2404475 .       +       0
        Parent=Smp_084460.1
SM_V9_PAR1      iris    gene    2410978 2414563 .       -       .
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ID=Smp_304450;geneID=Smp_304450;gene_name=Smp_304450;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    2410978 2414563 .       -       .

ID=Smp_304450.1;Parent=Smp_304450;geneID=Smp_304450;gene_name=Smp_30
4450;owner=irisadmin@local.host;orig_id=Smp_304450.1;date_last_modif
ied=2022-07-17;Name=Smp_304450.1;product=Protein asteroid homolog
1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    2410978 2412740 .       -       .
        Parent=Smp_304450.1;Name=01eb767b-ee4f-42fb-b385-
d5fbc34708d7
SM_V9_PAR1      iris    exon    2412787 2413071 .       -       .
        Parent=Smp_304450.1;Name=3aa28b88-27a6-4b6e-b254-
c46ac6b9fd6a
SM_V9_PAR1      iris    exon    2414270 2414563 .       -       .
        Parent=Smp_304450.1;Name=251635fc-4d2a-4e21-
b928-8169b1ac5614
SM_V9_PAR1      iris    CDS     2411154 2412740 .       -       0
        Parent=Smp_304450.1
SM_V9_PAR1      iris    CDS     2412787 2413071 .       -       0
        Parent=Smp_304450.1
SM_V9_PAR1      iris    CDS     2414270 2414521 .       -       0
        Parent=Smp_304450.1
SM_V9_PAR1      iris    gene    2439473 2455041 .       +       .

ID=Smp_349110;geneID=Smp_349110;gene_name=Smp_349110;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    2439473 2455041 .       +       .

ID=Smp_349110.1;Parent=Smp_349110;geneID=Smp_349110;gene_name=Smp_34
9110;owner=irisadmin@local.host;orig_id=Smp_015480.2;date_last_modif
ied=2022-08-13;Name=Smp_349110.1;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    2439473 2439806 .       +       .
        Parent=Smp_349110.1;Name=518388a9-411b-4d80-8797-
bf9146b3bce8
SM_V9_PAR1      iris    exon    2441563 2441758 .       +       .

Parent=Smp_349110.1;Name=d7b809aa-229a-4fa1-8fb7-2db3555b7711
SM_V9_PAR1      iris    exon    2442673 2442782 .       +       .
        Parent=Smp_349110.1;Name=06f5e3a0-d743-4ae4-
b9e6-1be06a915d9c
SM_V9_PAR1      iris    exon    2442825 2442947 .       +       .
        Parent=Smp_349110.1;Name=Smp_349110.1-CDS
SM_V9_PAR1      iris    exon    2454378 2455041 .       +       .

Parent=Smp_349110.1;Name=510578a3-1f05-4028-93b7-2df7e9209b3c
SM_V9_PAR1      iris    CDS     2442923 2442947 .       +       0
        Parent=Smp_349110.1
SM_V9_PAR1      iris    CDS     2454378 2454514 .       +       2
        Parent=Smp_349110.1
SM_V9_PAR1      iris    gene    2456063 2460186 .       +       .

ID=Smp_015480;geneID=Smp_015480;gene_name=Smp_015480;owner=irisadmin
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@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
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ID=Smp_015480.1;Parent=Smp_015480;geneID=Smp_015480;gene_name=Smp_01
5480;owner=irisadmin@local.host;orig_id=Smp_015480.1;date_last_modif
ied=2022-07-18;Name=Smp_015480.1;product=Protein asteroid homolog
1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    2456063 2456612 .       +       .
        Parent=Smp_015480.1;Name=747537b0-
d04e-419b-8cb9-52bd7276d234
SM_V9_PAR1      iris    exon    2458143 2460186 .       +       .
        Parent=Smp_015480.1;Name=c71ca67b-a22c-41d7-8604-
a42d3dc0eefb
SM_V9_PAR1      iris    CDS     2456361 2456612 .       +       0
        Parent=Smp_015480.1
SM_V9_PAR1      iris    CDS     2458143 2460059 .       +       0
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SM_V9_PAR1      Liftoff gene    2465467 2466087 .       -       .
        ID=Smp_015490;geneID=Smp_015490
SM_V9_PAR1      Liftoff mRNA    2465467 2466087 .       -       .

ID=Smp_015490.1;Parent=Smp_015490;geneID=Smp_015490;product=Probable
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SM_V9_PAR1      Liftoff exon    2465467 2465604 .       -       .
        Parent=Smp_015490.1
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        Parent=Smp_015490.1
SM_V9_PAR1      Liftoff CDS     2466064 2466087 .       -       0
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SM_V9_PAR1      iris    gene    2468649 2473259 .       -       .

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@local.host;date_last_modified=2022-11-13;date_creation=2022-07-17
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ID=Smp_130630.1;Parent=Smp_130630;geneID=Smp_130630;gene_name=Smp_13
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ied=2022-11-13;Name=Smp_130630.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    2468649 2468831 .       -       .
        Parent=Smp_130630.1;Name=becf7003-2675-4549-a0c4-
a62abee9f3b7
SM_V9_PAR1      iris    exon    2470097 2470235 .       -       .
        Parent=Smp_130630.1;Name=66129313-6555-4782-b127-
aa78c776eb45
SM_V9_PAR1      iris    exon    2470275 2470509 .       -       .
        Parent=Smp_130630.1;Name=a9a4ad04-2648-4ee6-
b748-8a21e73ec6b7
SM_V9_PAR1      iris    exon    2472033 2472177 .       -       .

Parent=Smp_130630.1;Name=51b29f05-7a1a-4681-8cba-8aa07c53c9da
SM_V9_PAR1      iris    CDS     2468701 2468831 .       -       2
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SM_V9_PAR1      iris    CDS     2470097 2470235 .       -       0
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SM_V9_PAR1      iris    CDS     2470275 2470509 .       -       1
        Parent=Smp_130630.1
SM_V9_PAR1      iris    CDS     2472033 2472058 .       -       0
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SM_V9_PAR1      iris    mRNA    2468649 2473259 .       -       .

ID=Smp_130630.2;Parent=Smp_130630;geneID=Smp_130630;gene_name=Smp_13
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protein;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    2468649 2468831 .       -       .
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SM_V9_PAR1      iris    mRNA    2468649 2473259 .       -       .

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SM_V9_PAR1      iris    exon    2468649 2468831 .       -       .

Parent=Smp_130630.3;Name=8100288a-74f5-4b72-8128-7498bd1d4cd0
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        Parent=Smp_130630.3;Name=4c77a0f3-6bb2-4749-8dca-
cc0f21433af2
SM_V9_PAR1      iris    exon    2470275 2473259 .       -       .
        Parent=Smp_130630.3;Name=709d3395-726a-46c7-8631-
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        Parent=Smp_130630.3
SM_V9_PAR1      iris    CDS     2470097 2470235 .       -       0
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SM_V9_PAR1      iris    CDS     2470275 2470529 .       -       0
        Parent=Smp_130630.3
SM_V9_PAR1      iris    gene    2502208 2509201 .       +       .

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7320;owner=irisadmin@local.host;orig_id=Smp_337320.2;date_last_modif
ied=2022-08-19;Name=Smp_337320.1;product=Retinol dehydrogenase
13;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    2502208 2502363 .       +       .
        Parent=Smp_337320.1;Name=95454b79-dadb-4633-
ba26-47a74646ccc4
SM_V9_PAR1      iris    exon    2502411 2502536 .       +       .

Parent=Smp_337320.1;Name=bdec4dc6-5020-4030-8e9d-551d653a65ab
SM_V9_PAR1      iris    exon    2502568 2502872 .       +       .
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SM_V9_PAR1      iris    exon    2507715 2507982 .       +       .
        Parent=Smp_337320.1;Name=307d1968-5a2e-4ad5-
aab2-7f5c72802418
SM_V9_PAR1      iris    exon    2508022 2508305 .       +       .
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cc0f-474f-8d1b-7d0e27e40369
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        Parent=Smp_337320.1
SM_V9_PAR1      iris    CDS     2507715 2507982 .       +       0
        Parent=Smp_337320.1
SM_V9_PAR1      iris    CDS     2508022 2508122 .       +       2
        Parent=Smp_337320.1
SM_V9_PAR1      iris    gene    2533837 2536204 .       -       .

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MutS;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    2533837 2534575 .       -       .
        Parent=Smp_015530.1;Name=7427628a-8a74-43f2-
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SM_V9_PAR1      iris    exon    2534610 2534999 .       -       .
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SM_V9_PAR1      iris    exon    2535253 2535384 .       -       .
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bdb8-41eb-8f13-779debc2c5d1
SM_V9_PAR1      iris    exon    2536139 2536204 .       -       .
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SM_V9_PAR1      iris    CDS     2535253 2535375 .       -       0
        Parent=Smp_015530.1
SM_V9_PAR1      iris    non_canonical_five_prime_splice_site
2536137 2536137 .       -       .       ID=Smp_015530.1-
non_canonical_five_prime_splice_site-2536136;Name=Smp_015530.1-
non_canonical_five_prime_splice_site-2536136
SM_V9_PAR1      iris    gene    2547723 2559088 .       +       .

ID=Smp_244830;geneID=Smp_244830;gene_name=Smp_244830;owner=irisadmin
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ID=Smp_244830.1;Parent=Smp_244830;geneID=Smp_244830;gene_name=Smp_24
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factor 7-interacting protein 1;date_creation=2022-07-17
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a615-602ccaaa8678
SM_V9_PAR1      iris    exon    2551419 2551909 .       +       .
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d926-40cb-9457-760bfc0f4275
SM_V9_PAR1      iris    exon    2552021 2552402 .       +       .
        Parent=Smp_244830.1;Name=85ceb795-9f64-4b7a-b92d-
ec578f817714
SM_V9_PAR1      iris    exon    2554626 2554922 .       +       .
        Parent=Smp_244830.1;Name=6747ec56-88d7-4fbf-
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SM_V9_PAR1      iris    exon    2557232 2557362 .       +       .
        Parent=Smp_244830.1;Name=325c27f5-0a64-421c-b368-
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SM_V9_PAR1      iris    exon    2558639 2559088 .       +       .
        Parent=Smp_244830.1;Name=324653c9-72f7-42e1-
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SM_V9_PAR1      iris    CDS     2551454 2551909 .       +       0
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SM_V9_PAR1      iris    CDS     2552021 2552402 .       +       0
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SM_V9_PAR1      iris    CDS     2554626 2554922 .       +       2
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SM_V9_PAR1      iris    CDS     2557232 2557362 .       +       2
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SM_V9_PAR1      iris    CDS     2558639 2558788 .       +       0
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SM_V9_PAR1      Liftoff gene    2580442 2644727 .       +       .
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ID=Smp_244820;geneID=Smp_244820;previous_systematic_id=Smp_130640
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ID=Smp_244820.1;Parent=Smp_244820;geneID=Smp_244820;product=Androglo
bin;polypeptide_domain=InterPro:IPR000048,IPR001300
Pfam:PF00648;Ontology_term=GO:0004198,GO:0005515,GO:0005622,GO:00065
08
SM_V9_PAR1      Liftoff exon    2580442 2587724 .       +       .
        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2589580 2589719 .       +       .
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SM_V9_PAR1      Liftoff exon    2589953 2590107 .       +       .
        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2591245 2591289 .       +       .
        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2595663 2595775 .       +       .
        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2597066 2597340 .       +       .
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SM_V9_PAR1      Liftoff exon    2599157 2599325 .       +       .
        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2600651 2600684 .       +       .
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        Parent=Smp_244820.1
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        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2604185 2604413 .       +       .
        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2607206 2607924 .       +       .
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SM_V9_PAR1      Liftoff exon    2609792 2609927 .       +       .
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SM_V9_PAR1      Liftoff exon    2614078 2614140 .       +       .
        Parent=Smp_244820.1
SM_V9_PAR1      Liftoff exon    2620682 2620712 .       +       .
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SM_V9_PAR1      Liftoff exon    2644474 2644727 .       +       .
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        Parent=Smp_244820.2
SM_V9_PAR1      Liftoff CDS     2600651 2600684 .       +       0
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SM_V9_PAR1      Liftoff CDS     2601900 2602128 .       +       2
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SM_V9_PAR1      Liftoff CDS     2623010 2623686 .       +       1
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SM_V9_PAR1      Liftoff CDS     2633524 2633717 .       +       2
        Parent=Smp_244820.2
SM_V9_PAR1      Liftoff CDS     2636592 2636796 .       +       0
        Parent=Smp_244820.2
SM_V9_PAR1      Liftoff CDS     2642447 2643036 .       +       2
        Parent=Smp_244820.2
SM_V9_PAR1      Liftoff CDS     2644474 2644698 .       +       0
        Parent=Smp_244820.2
SM_V9_PAR1      Liftoff gene    2648930 2657938 .       -       .

ID=Smp_244810;geneID=Smp_244810;previous_systematic_id=Smp_130650
SM_V9_PAR1      Liftoff mRNA    2648930 2657938 .       -       .

ID=Smp_244810.1;Parent=Smp_244810;geneID=Smp_244810;product=Hypothet
ical protein
SM_V9_PAR1      Liftoff exon    2648930 2649428 .       -       .
        Parent=Smp_244810.1
SM_V9_PAR1      Liftoff exon    2650777 2651004 .       -       .
        Parent=Smp_244810.1
SM_V9_PAR1      Liftoff exon    2653715 2653912 .       -       .
        Parent=Smp_244810.1
SM_V9_PAR1      Liftoff exon    2657620 2657938 .       -       .
        Parent=Smp_244810.1
SM_V9_PAR1      Liftoff CDS     2649029 2649428 .       -       1
        Parent=Smp_244810.1
SM_V9_PAR1      Liftoff CDS     2650777 2651004 .       -       1
        Parent=Smp_244810.1
SM_V9_PAR1      Liftoff CDS     2653715 2653912 .       -       1
        Parent=Smp_244810.1
SM_V9_PAR1      Liftoff CDS     2657620 2657669 .       -       0
        Parent=Smp_244810.1
SM_V9_PAR1      iris    gene    2664322 2710115 .       -       .
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ID=Smp_244800;geneID=Smp_244800;gene_name=Smp_244800;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR1      iris    mRNA    2664322 2710115 .       -       .

ID=Smp_244800.1;Parent=Smp_244800;geneID=Smp_244800;gene_name=Smp_24
4800;owner=irisadmin@local.host;orig_id=Smp_244800.1;date_last_modif
ied=2022-08-19;Name=Smp_244800.1;product=Ubiquitin-protein ligase
E3C;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    2664322 2665037 .       -       .
        Parent=Smp_244800.1;Name=11aded5b-2b23-4732-8abd-
a82c53e956ae
SM_V9_PAR1      iris    exon    2666757 2666916 .       -       .

Parent=Smp_244800.1;Name=e3fea160-2e10-45ed-8b07-811facc2490a
SM_V9_PAR1      iris    exon    2673138 2673327 .       -       .
        Parent=Smp_244800.1;Name=0155277d-6abb-4e43-9339-
ccf3ffaa37fc
SM_V9_PAR1      iris    exon    2675268 2675395 .       -       .
        Parent=Smp_244800.1;Name=d8f5d86b-0e31-4072-8356-
d11284bc166e
SM_V9_PAR1      iris    exon    2677033 2677277 .       -       .
        Parent=Smp_244800.1;Name=bb2946af-c477-45cb-
af53-49d516bfb65e
SM_V9_PAR1      iris    exon    2678517 2678667 .       -       .
        Parent=Smp_244800.1;Name=4c01df38-4b3b-4e57-ad7d-
eaa5ff3a2d36
SM_V9_PAR1      iris    exon    2680845 2680942 .       -       .
        Parent=Smp_244800.1;Name=4f04c412-
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SM_V9_PAR1      iris    exon    2683074 2683515 .       -       .
        Parent=Smp_244800.1;Name=79e057df-a0bb-4d71-b6bf-
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SM_V9_PAR1      iris    exon    2685444 2685864 .       -       .
        Parent=Smp_244800.1;Name=c2fee342-cf63-4b4f-
b215-1ea37114f725
SM_V9_PAR1      iris    exon    2687456 2687632 .       -       .
        Parent=Smp_244800.1;Name=5db35253-
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SM_V9_PAR1      iris    exon    2690232 2690425 .       -       .
        Parent=Smp_244800.1;Name=caad0e5f-fed4-4c53-
a19a-33a1790bbe47
SM_V9_PAR1      iris    exon    2692687 2693210 .       -       .

Parent=Smp_244800.1;Name=d1b9a866-9b2e-462e-89fe-2cfc7f253072
SM_V9_PAR1      iris    exon    2695445 2695709 .       -       .
        Parent=Smp_244800.1;Name=40275944-e8d5-4a2d-a2aa-
dd4444e6788c
SM_V9_PAR1      iris    exon    2697197 2697572 .       -       .
        Parent=Smp_244800.1;Name=915b2cbb-2708-4363-
ad13-6f4bc98dc19e
SM_V9_PAR1      iris    exon    2700279 2700397 .       -       .

Parent=Smp_244800.1;Name=443e394b-9977-4ad1-8df8-53bb5214a757
SM_V9_PAR1      iris    exon    2701715 2701879 .       -       .
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        Parent=Smp_244800.1;Name=286ff590-4411-461a-abb9-
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        Parent=Smp_244800.1;Name=22b59fb1-05b0-424d-
b265-01c8a1759f66
SM_V9_PAR1      iris    exon    2706318 2706371 .       -       .
        Parent=Smp_244800.1;Name=fc6d10e1-461e-4cce-a9fb-
f9ba0379f5fd
SM_V9_PAR1      iris    exon    2707482 2707652 .       -       .
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fcc5ab640ed3
SM_V9_PAR1      iris    exon    2710078 2710115 .       -       .

Parent=Smp_244800.1;Name=10be9a8c-2f63-42dd-9910-1a224e840d33
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SM_V9_PAR1      iris    CDS     2666757 2666916 .       -       0
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2673138 2673327 .       -       1
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2675268 2675395 .       -       0
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SM_V9_PAR1      iris    CDS     2677033 2677277 .       -       2
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2678517 2678667 .       -       0
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2680845 2680942 .       -       2
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2683074 2683515 .       -       0
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SM_V9_PAR1      iris    CDS     2685444 2685864 .       -       1
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2687456 2687632 .       -       1
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2690232 2690425 .       -       0
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2692687 2693210 .       -       2
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SM_V9_PAR1      iris    CDS     2695445 2695709 .       -       0
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SM_V9_PAR1      iris    CDS     2697197 2697572 .       -       1
        Parent=Smp_244800.1
SM_V9_PAR1      iris    CDS     2700279 2700397 .       -       0
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SM_V9_PAR1      iris    CDS     2704031 2704105 .       -       0
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SM_V9_PAR1      iris    CDS     2706318 2706371 .       -       0
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SM_V9_PAR1      iris    CDS     2707482 2707544 .       -       0
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SM_V9_PAR1      Liftoff gene    2718322 2780093 .       +       .
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ID=Smp_130660;geneID=Smp_130660;previous_systematic_id=Smp_130670,Sm
p_203510
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ID=Smp_130660.1;Parent=Smp_130660;geneID=Smp_130660;product=Ankyrin
repeat, bromo and BTB domain-containing protein
DDB_G0293800;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF12796;Ontology_term=GO:0005515
SM_V9_PAR1      Liftoff exon    2718322 2718485 .       +       .
        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff exon    2721241 2721299 .       +       .
        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff exon    2721342 2721404 .       +       .
        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff exon    2721439 2721504 .       +       .
        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff exon    2721545 2721580 .       +       .
        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff exon    2722837 2723055 .       +       .
        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff exon    2732494 2732586 .       +       .
        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff exon    2759791 2759863 .       +       .
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        Parent=Smp_130660.1
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        Parent=Smp_130660.1
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        Parent=Smp_130660.1
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        Parent=Smp_130660.1
SM_V9_PAR1      Liftoff CDS     2772855 2773567 .       +       2
        Parent=Smp_130660.1
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SM_V9_PAR1      Liftoff mRNA    2791720 2794818 .       -       .

ID=Smp_015630.1;Parent=Smp_015630;geneID=Smp_015630;product=Glutamat
e-gated chloride channel subunit 2 isoform 1;evidence=Traceable
Author
Statement;literature=PMID:24009509;polypeptide_domain=InterPro:IPR00
6028,IPR006029,IPR006201,IPR006202,IPR018000
Pfam:PF02931,PF02932;Ontology_term=GO:0005216,GO:0005230,GO:0006811,
GO:0016021
SM_V9_PAR1      Liftoff exon    2791720 2794818 .       -       .
        Parent=Smp_015630.1
SM_V9_PAR1      Liftoff CDS     2793018 2794682 .       -       0
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SM_V9_PAR1      Liftoff gene    2821195 2836370 .       +       .
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SM_V9_PAR1      Liftoff mRNA    2821195 2836370 .       +       .

ID=Smp_321840.1;Parent=Smp_321840;geneID=Smp_321840;product=Neuronal
acetylcholine receptor subunit
alpha-9;polypeptide_domain=InterPro:IPR006029
Pfam:PF02932;Ontology_term=GO:0006811,GO:0016021
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        Parent=Smp_321840.1
SM_V9_PAR1      Liftoff exon    2834242 2834412 .       +       .
        Parent=Smp_321840.1
SM_V9_PAR1      Liftoff exon    2835693 2836370 .       +       .
        Parent=Smp_321840.1
SM_V9_PAR1      Liftoff CDS     2830414 2830527 .       +       0
        Parent=Smp_321840.1
SM_V9_PAR1      Liftoff CDS     2834242 2834412 .       +       0
        Parent=Smp_321840.1
SM_V9_PAR1      Liftoff CDS     2835693 2836340 .       +       0
        Parent=Smp_321840.1
SM_V9_PAR1      Liftoff gene    2848202 2867806 .       +       .
        ID=Smp_130680;geneID=Smp_130680
SM_V9_PAR1      Liftoff mRNA    2848202 2867806 .       +       .

ID=Smp_130680.1;Parent=Smp_130680;geneID=Smp_130680;product=DNA-
directed RNA polymerase II subunit
RPB2;polypeptide_domain=InterPro:IPR007120,IPR007121,IPR007641,IPR00
7642,IPR007644,IPR007645,IPR007646,IPR007647,IPR015712
Pfam:PF00562,PF04560,PF04561,PF04563,PF04565,PF04566,PF04567;Ontolog
y_term=GO:0003677,GO:0003899,GO:0006351,GO:0032549
SM_V9_PAR1      Liftoff exon    2848202 2848295 .       +       .
        Parent=Smp_130680.1
SM_V9_PAR1      Liftoff exon    2851661 2851950 .       +       .
        Parent=Smp_130680.1
SM_V9_PAR1      Liftoff exon    2851987 2852210 .       +       .
        Parent=Smp_130680.1
SM_V9_PAR1      Liftoff exon    2852267 2852409 .       +       .
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SM_V9_PAR1      Liftoff exon    2852819 2853286 .       +       .
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SM_V9_PAR1      Liftoff exon    2853895 2854178 .       +       .
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SM_V9_PAR1      Liftoff exon    2858488 2858801 .       +       .
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SM_V9_PAR1      Liftoff CDS     2851987 2852210 .       +       0
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SM_V9_PAR1      Liftoff gene    2868343 2925708 .       -       .
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SM_V9_PAR1      Liftoff mRNA    2868343 2925708 .       -       .

ID=Smp_130690.1;Parent=Smp_130690;geneID=Smp_130690;product=Zinc
finger SWIM domain-containing protein 5
SM_V9_PAR1      Liftoff exon    2868343 2871068 .       -       .
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SM_V9_PAR1      Liftoff exon    2872976 2873270 .       -       .
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SM_V9_PAR1      Liftoff CDS     2870710 2871068 .       -       2
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SM_V9_PAR1      Liftoff CDS     2872976 2873270 .       -       0
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SM_V9_PAR1      Liftoff CDS     2899529 2900651 .       -       0
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        Parent=Smp_130690.1
SM_V9_PAR1      Liftoff CDS     2925214 2925400 .       -       0
        Parent=Smp_130690.1
SM_V9_PAR1      Liftoff gene    2956482 2957424 .       +       .
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ption factor 15;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
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SM_V9_PAR1      Liftoff CDS     2956542 2957207 .       +       0
        Parent=Smp_015670.1
SM_V9_PAR1      Liftoff gene    2960525 3012832 .       -       .

ID=Smp_342510;geneID=Smp_342510;previous_systematic_id=Smp_130710
SM_V9_PAR1      Liftoff mRNA    2960525 3012832 .       -       .

ID=Smp_342510.1;Parent=Smp_342510;geneID=Smp_342510;product=WD
repeat-containing protein
78;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986
Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_PAR1      Liftoff exon    2960525 2960745 .       -       .
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SM_V9_PAR1      Liftoff exon    2964345 2964420 .       -       .
        Parent=Smp_342510.1
SM_V9_PAR1      Liftoff exon    2966886 2966983 .       -       .
        Parent=Smp_342510.1
SM_V9_PAR1      Liftoff exon    2978861 2978989 .       -       .
        Parent=Smp_342510.1
SM_V9_PAR1      Liftoff exon    2994800 2994887 .       -       .
        Parent=Smp_342510.1
SM_V9_PAR1      Liftoff exon    2996519 2996648 .       -       .
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SM_V9_PAR1      Liftoff exon    2997572 2997726 .       -       .
        Parent=Smp_342510.1
SM_V9_PAR1      Liftoff exon    2999269 2999342 .       -       .
        Parent=Smp_342510.1
SM_V9_PAR1      Liftoff exon    3000929 3001135 .       -       .
        Parent=Smp_342510.1
SM_V9_PAR1      Liftoff exon    3003436 3003749 .       -       .
        Parent=Smp_342510.1
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SM_V9_PAR1      Liftoff CDS     2960671 2960745 .       -       0
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SM_V9_PAR1      Liftoff CDS     2978861 2978989 .       -       0
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SM_V9_PAR1      Liftoff gene    3035923 3052692 .       -       .
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SM_V9_PAR1      Liftoff exon    3037892 3038981 .       -       .
        Parent=Smp_015690.1
SM_V9_PAR1      Liftoff exon    3041087 3041350 .       -       .
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SM_V9_PAR1      Liftoff exon    3043509 3043638 .       -       .
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SM_V9_PAR1      Liftoff exon    3044845 3044947 .       -       .
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SM_V9_PAR1      Liftoff exon    3048824 3049433 .       -       .
        Parent=Smp_015690.1
SM_V9_PAR1      Liftoff exon    3052591 3052692 .       -       .
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SM_V9_PAR1      Liftoff CDS     3043509 3043638 .       -       2
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SM_V9_PAR1      Liftoff CDS     3044845 3044947 .       -       0
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SM_V9_PAR1      iris    CDS     3057553 3057864 .       +       0
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SM_V9_PAR1      Liftoff gene    3082706 3083372 .       +       .
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SM_V9_PAR1      Liftoff mRNA    3082706 3083372 .       +       .

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Pfam:PF14945
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        Parent=Smp_321850.1
SM_V9_PAR1      Liftoff exon    3082865 3083372 .       +       .
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SM_V9_PAR1      Liftoff CDS     3082865 3083213 .       +       1
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SM_V9_PAR1      Liftoff mRNA    3084392 3091282 .       -       .

ID=Smp_342520.1;Parent=Smp_342520;geneID=Smp_342520;product=Chromoso
me transmission fidelity protein 8
homolog;polypeptide_domain=InterPro:IPR018607
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SM_V9_PAR1      Liftoff exon    3085100 3085149 .       -       .
        Parent=Smp_342520.1
SM_V9_PAR1      Liftoff exon    3091132 3091282 .       -       .
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SM_V9_PAR1      Liftoff CDS     3084709 3084906 .       -       0
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SM_V9_PAR1      Liftoff CDS     3091132 3091218 .       -       0
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SM_V9_PAR1      Liftoff gene    3103257 3142672 .       -       .
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SM_V9_PAR1      Liftoff mRNA    3103257 3142672 .       -       .

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9,IPR027417,IPR029033
Pfam:PF00300,PF01591;Ontology_term=GO:0003824,GO:0003873,GO:0005524,
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SM_V9_PAR1      Liftoff exon    3139027 3139210 .       -       .
        Parent=Smp_015710.1
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ID=Smp_015720.1;Parent=Smp_015720;geneID=Smp_015720;gene_name=Smp_01
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        Parent=Smp_015720.1;Name=ac9860c6-7bbc-49f5-a004-
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SM_V9_PAR1      iris    exon    3159587 3159714 .       +       .
        Parent=Smp_015720.1;Name=0482ac93-fe94-41c0-a660-
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SM_V9_PAR1      iris    exon    3160812 3161065 .       +       .

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SM_V9_PAR1      Liftoff CDS     3179140 3179238 .       +       0
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SM_V9_PAR1      Liftoff CDS     3179273 3179332 .       +       0
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SM_V9_PAR1      Liftoff CDS     3179367 3179474 .       +       0
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1 Pfam:PF16529;Ontology_term=GO:0005515
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SM_V9_PAR1      Liftoff exon    3188274 3188440 .       -       .
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SM_V9_PAR1      Liftoff exon    3198543 3198634 .       -       .
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SM_V9_PAR1      Liftoff exon    3199842 3200007 .       -       .
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SM_V9_PAR1	Liftoff	exon	3204096	3204305	.	-	.
	Parent=Smp_130750.1
SM_V9_PAR1	Liftoff	exon	3209227	3209442	.	-	.
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SM_V9_PAR1	Liftoff	exon	3212496	3213188	.	-	.
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SM_V9_PAR1	Liftoff	exon	3214189	3214433	.	-	.
	Parent=Smp_130750.1
SM_V9_PAR1	Liftoff	exon	3216303	3216500	.	-	.
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SM_V9_PAR1	Liftoff	exon	3217763	3217797	.	-	.
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	Parent=Smp_130750.1
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SM_V9_PAR1	Liftoff	CDS	3204096	3204305	.	-	2
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SM_V9_PAR1      iris    exon    3261332 3261589 .       +       .
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SM_V9_PAR1      iris    exon    3262917 3263274 .       +       .
        Parent=Smp_130760.1;Name=2abbd8e0-a02b-435e-
b34d-37d5b326e522
SM_V9_PAR1      iris    exon    3265936 3266269 .       +       .
        Parent=Smp_130760.1;Name=165576b1-507d-417c-
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SM_V9_PAR1      iris    exon    3266803 3267040 .       +       .
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a80d-2cf65926fa47
SM_V9_PAR1      iris    exon    3268117 3268377 .       +       .
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SM_V9_PAR1      iris    exon    3269642 3270010 .       +       .
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SM_V9_PAR1      iris    exon    3272257 3272817 .       +       .

Parent=Smp_130760.1;Name=fb9e054e-5ab1-4ea0-91a9-0272a814148b
SM_V9_PAR1      iris    exon    3276602 3277399 .       +       .
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SM_V9_PAR1      iris    exon    3279150 3279378 .       +       .
        Parent=Smp_130760.1;Name=ad6dc417-cffc-4257-86aa-
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SM_V9_PAR1      iris    exon    3281048 3281328 .       +       .

Parent=Smp_130760.1;Name=2bbc2f11-3e26-4cda-9bc9-8012c650c08a
SM_V9_PAR1      iris    exon    3282901 3283130 .       +       .
        Parent=Smp_130760.1;Name=f59365f8-3a90-425b-88dc-
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SM_V9_PAR1      iris    exon    3285239 3285819 .       +       .
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aa96-1e1129bd289b
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SM_V9_PAR1      iris    CDS     3257700 3257760 .       +       0
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SM_V9_PAR1      iris    CDS     3261332 3261589 .       +       0
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SM_V9_PAR1      iris    CDS     3262917 3263274 .       +       0
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SM_V9_PAR1      iris    CDS     3265936 3266269 .       +       2
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SM_V9_PAR1      iris    CDS     3268117 3268377 .       +       0
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SM_V9_PAR1      iris    CDS     3269642 3270010 .       +       0
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SM_V9_PAR1      iris    CDS     3272257 3272817 .       +       0
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SM_V9_PAR1      iris    CDS     3276602 3277399 .       +       0
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SM_V9_PAR1      iris    CDS     3279150 3279378 .       +       0
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SM_V9_PAR1      iris    CDS     3285239 3285248 .       +       1
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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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        Parent=Smp_015760.1;Name=5e7ada97-2dc9-47b0-9801-
e5ee2a3b20a9
SM_V9_PAR1      iris    CDS     3295669 3297501 .       +       0
        Parent=Smp_015760.1
SM_V9_PAR1      Liftoff gene    3298355 3302082 .       -       .
        ID=Smp_321860;geneID=Smp_321860
SM_V9_PAR1      Liftoff mRNA    3298355 3302082 .       -       .

ID=Smp_321860.1;Parent=Smp_321860;geneID=Smp_321860;product=MEMO1
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        Parent=Smp_321860.1
SM_V9_PAR1      Liftoff CDS     3298975 3299169 .       -       0
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SM_V9_PAR1      Liftoff gene    3319371 3321262 .       -       .
        ID=Smp_130780;geneID=Smp_130780
SM_V9_PAR1      Liftoff mRNA    3319371 3321262 .       -       .

ID=Smp_130780.1;Parent=Smp_130780;geneID=Smp_130780;product=Monocarb
oxylate transporter
5;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
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        Parent=Smp_130780.1
SM_V9_PAR1      Liftoff CDS     3319605 3321092 .       -       0
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SM_V9_PAR1      iris    gene    3329972 3357374 .       +       .

ID=Smp_015780;geneID=Smp_015780;gene_name=Smp_015780;owner=irisadmin
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ATPase;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    3329972 3330065 .       +       .

Parent=Smp_015780.1;Name=2d5a6041-1cfa-4c0d-8934-66da01b77add
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Parent=Smp_015780.1;Name=7699c648-3d8c-4687-9945-348d51f3bcc4
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        Parent=Smp_015780.1;Name=ee2344a9-53b2-4212-a6cd-
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SM_V9_PAR1      iris    exon    3344441 3344499 .       +       .

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SM_V9_PAR1      iris    exon    3347103 3347200 .       +       .
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df6e-4903-9493-47634fb8d8fb
SM_V9_PAR1      iris    exon    3352022 3352128 .       +       .
        Parent=Smp_015780.1;Name=cd0a4d34-e1d6-4cfa-bb31-
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SM_V9_PAR1      iris    exon    3357045 3357374 .       +       .
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SM_V9_PAR1      iris    CDS     3338368 3338419 .       +       0
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SM_V9_PAR1      iris    CDS     3341626 3341741 .       +       2
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SM_V9_PAR1      iris    CDS     3344441 3344499 .       +       2
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SM_V9_PAR1      iris    CDS     3352022 3352128 .       +       2
        Parent=Smp_015780.1
SM_V9_PAR1      iris    CDS     3354391 3354660 .       +       0
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SM_V9_PAR1      iris    CDS     3357045 3357185 .       +       0
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SM_V9_PAR1      Liftoff mRNA    3361223 3380752 .       -       .

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protein;polypeptide_domain=InterPro:IPR000795,IPR004160,IPR009000,IP
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Pfam:PF00009,PF03143;Ontology_term=GO:0003924,GO:0005525
SM_V9_PAR1      Liftoff exon    3361223 3361515 .       -       .
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SM_V9_PAR1      Liftoff exon    3364415 3364559 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3367062 3367165 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3370009 3370220 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3371304 3371543 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3372676 3373105 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3375061 3375278 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3377236 3377484 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3379609 3380208 .       -       .
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SM_V9_PAR1      Liftoff exon    3380249 3380395 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3380442 3380639 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff exon    3380684 3380752 .       -       .
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff CDS     3361483 3361515 .       -       0
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff CDS     3364415 3364559 .       -       1
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff CDS     3367062 3367165 .       -       0
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff CDS     3370009 3370220 .       -       2
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff CDS     3371304 3371543 .       -       2
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SM_V9_PAR1      Liftoff CDS     3372676 3373105 .       -       0
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SM_V9_PAR1      Liftoff CDS     3375061 3375278 .       -       2
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SM_V9_PAR1      Liftoff CDS     3377236 3377484 .       -       2
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff CDS     3379609 3380208 .       -       2
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SM_V9_PAR1      Liftoff CDS     3380249 3380395 .       -       2
        Parent=Smp_130790.1
SM_V9_PAR1      Liftoff CDS     3380442 3380639 .       -       2
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SM_V9_PAR1      Liftoff CDS     3380684 3380723 .       -       0
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        Parent=Smp_130790.2
SM_V9_PAR1      Liftoff exon    3370009 3370220 .       -       .
        Parent=Smp_130790.2
SM_V9_PAR1      Liftoff exon    3371304 3371543 .       -       .
        Parent=Smp_130790.2
SM_V9_PAR1      Liftoff exon    3372676 3373105 .       -       .
        Parent=Smp_130790.2
SM_V9_PAR1      Liftoff exon    3375061 3375278 .       -       .
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SM_V9_PAR1      Liftoff exon    3377236 3377484 .       -       .
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SM_V9_PAR1      Liftoff exon    3380249 3380395 .       -       .
        Parent=Smp_130790.2
SM_V9_PAR1      Liftoff exon    3380442 3380639 .       -       .
        Parent=Smp_130790.2
SM_V9_PAR1      Liftoff exon    3380684 3380752 .       -       .
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SM_V9_PAR1      Liftoff CDS     3361483 3361515 .       -       0
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SM_V9_PAR1      Liftoff CDS     3370009 3370220 .       -       2
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SM_V9_PAR1      Liftoff CDS     3375061 3375278 .       -       2
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SM_V9_PAR1      Liftoff CDS     3380249 3380395 .       -       2
        Parent=Smp_130790.2
SM_V9_PAR1      Liftoff CDS     3380442 3380639 .       -       2
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SM_V9_PAR1      Liftoff CDS     3380684 3380723 .       -       0
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SM_V9_PAR1      Liftoff mRNA    3361223 3380752 .       -       .

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        Parent=Smp_130790.3
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        Parent=Smp_130790.3
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SM_V9_PAR1      Liftoff CDS     3377236 3377484 .       -       2
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SM_V9_PAR1      Liftoff CDS     3379609 3380208 .       -       2
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SM_V9_PAR1      Liftoff CDS     3380249 3380395 .       -       2
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SM_V9_PAR1      Liftoff CDS     3380442 3380639 .       -       2
        Parent=Smp_130790.3
SM_V9_PAR1      Liftoff CDS     3380684 3380723 .       -       0
        Parent=Smp_130790.3
SM_V9_PAR1      Liftoff gene    3386159 3405147 .       +       .
        ID=Smp_015800;geneID=Smp_015800
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SM_V9_PAR1      Liftoff exon    3395537 3395572 .       +       .
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SM_V9_PAR1      Liftoff exon    3395616 3395734 .       +       .
        Parent=Smp_015800.1
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SM_V9_PAR1      Liftoff exon    3395926 3396050 .       +       .
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SM_V9_PAR1      Liftoff CDS     3395537 3395572 .       +       2
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SM_V9_PAR1      Liftoff CDS     3396095 3396180 .       +       1
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ID=Smp_130800;geneID=Smp_130800;gene_name=Smp_130800;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
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ID=Smp_130800.1;Parent=Smp_130800;geneID=Smp_130800;gene_name=Smp_13
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specific ribonuclease subunit PAN2;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    3406316 3406396 .       +       .

Parent=Smp_130800.1;Name=6e7e15bb-66d9-4873-8c25-12036c637433
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SM_V9_PAR1      iris    exon    3413296 3413560 .       +       .
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SM_V9_PAR1      iris    exon    3415491 3415711 .       +       .
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SM_V9_PAR1      iris    exon    3417463 3418023 .       +       .
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Parent=Smp_015820.1;Name=d0183b7a-364a-44fd-9915-1f62be220f56
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SM_V9_PAR1      iris    CDS     3617222 3617494 .       +       0
        Parent=Smp_130810.1
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SM_V9_PAR1      iris    CDS     3622857 3623097 .       +       0
        Parent=Smp_130810.1
SM_V9_PAR1      iris    CDS     3625065 3625270 .       +       2
        Parent=Smp_130810.1
SM_V9_PAR1      iris    CDS     3626701 3626937 .       +       0
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SM_V9_PAR1      iris    CDS     3628648 3628908 .       +       0
        Parent=Smp_130810.1
SM_V9_PAR1      iris    CDS     3632298 3632544 .       +       0
        Parent=Smp_130810.1
SM_V9_PAR1      iris    CDS     3636242 3636461 .       +       2
        Parent=Smp_130810.1
SM_V9_PAR1      iris    CDS     3638125 3638291 .       +       1
        Parent=Smp_130810.1
SM_V9_PAR1      iris    CDS     3639141 3639247 .       +       2
        Parent=Smp_130810.1
SM_V9_PAR1      iris    gene    3645149 3652465 .       -       .

ID=Smp_015840;geneID=Smp_015840;gene_name=Smp_015840;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    3645149 3652465 .       -       .

ID=Smp_015840.1;Parent=Smp_015840;geneID=Smp_015840;gene_name=Smp_01
5840;owner=irisadmin@local.host;orig_id=Smp_015840.1;date_last_modif
ied=2022-08-13;Name=Smp_015840.1;product=Zinc finger and SCAN
domain-containing protein 2;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    3645149 3645915 .       -       .
        Parent=Smp_015840.1;Name=99baf41f-7c3b-4b26-9dd4-
ad07b2445b52
SM_V9_PAR1      iris    exon    3645969 3646043 .       -       .
        Parent=Smp_015840.1;Name=b94bc99a-a176-4b32-
bf15-6ad448819f22
SM_V9_PAR1      iris    exon    3647911 3648598 .       -       .
        Parent=Smp_015840.1;Name=e7f59913-bbc5-463e-94b2-
b39747305ac3
SM_V9_PAR1      iris    exon    3648639 3649271 .       -       .

Parent=Smp_015840.1;Name=a87bf6f7-2297-4b1a-81db-30391279ef8b
SM_V9_PAR1      iris    exon    3649310 3649581 .       -       .
        Parent=Smp_015840.1;Name=9c0683fc-33b6-4dec-b056-
c0f4daa773f6
SM_V9_PAR1      iris    exon    3652250 3652465 .       -       .
        Parent=Smp_015840.1;Name=a541b729-b78b-4e88-aa5c-
bb2975475add
SM_V9_PAR1      iris    CDS     3645542 3645915 .       -       2
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SM_V9_PAR1      iris    CDS     3645969 3646043 .       -       2
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SM_V9_PAR1      iris    CDS     3647911 3648598 .       -       0
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SM_V9_PAR1      iris    CDS     3648639 3649271 .       -       0
        Parent=Smp_015840.1
SM_V9_PAR1      iris    CDS     3649310 3649561 .       -       0
        Parent=Smp_015840.1
SM_V9_PAR1      iris    gene    3665779 3667347 .       +       .

ID=Smp_015850;geneID=Smp_015850;gene_name=Smp_015850;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
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ID=Smp_015850.1;Parent=Smp_015850;geneID=Smp_015850;gene_name=Smp_01
5850;owner=irisadmin@local.host;orig_id=Smp_015850.1;date_last_modif
ied=2022-07-31;Name=Smp_015850.1;product=Putative RNA-binding
protein Luc7-like 2;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    3665779 3665879 .       +       .
        Parent=Smp_015850.1;Name=b2d32c1d-
c0f3-44a5-8126-6d1b65f0e5fc
SM_V9_PAR1      iris    exon    3666002 3666041 .       +       .
        Parent=Smp_015850.1;Name=0f6c09e0-3789-4634-b58d-
c4832d981b00
SM_V9_PAR1      iris    exon    3666154 3666242 .       +       .
        Parent=Smp_015850.1;Name=cbf677eb-f9e3-4e9c-
a2a4-55e6456670dc
SM_V9_PAR1      iris    exon    3666274 3666372 .       +       .
        Parent=Smp_015850.1;Name=f84bc1f0-f94e-410f-
bbd6-7dfb13aabe17
SM_V9_PAR1      iris    exon    3666405 3667347 .       +       .
        Parent=Smp_015850.1;Name=2c37a4cb-d939-4cc4-8a63-
d728c37be7fc
SM_V9_PAR1      iris    CDS     3666277 3666372 .       +       0
        Parent=Smp_015850.1
SM_V9_PAR1      iris    CDS     3666405 3667118 .       +       0
        Parent=Smp_015850.1
SM_V9_PAR1      Liftoff gene    3671230 3674255 .       -       .
        ID=Smp_015860;geneID=Smp_015860
SM_V9_PAR1      Liftoff mRNA    3671230 3674255 .       -       .

ID=Smp_015860.1;Parent=Smp_015860;geneID=Smp_015860;product=Acyl
carrier protein,
mitochondrial;polypeptide_domain=InterPro:IPR003231,IPR009081
Pfam:PF00550;Ontology_term=GO:0006633
SM_V9_PAR1      Liftoff exon    3671230 3671453 .       -       .
        Parent=Smp_015860.1
SM_V9_PAR1      Liftoff exon    3673764 3673851 .       -       .
        Parent=Smp_015860.1
SM_V9_PAR1      Liftoff exon    3673886 3674255 .       -       .
        Parent=Smp_015860.1
SM_V9_PAR1      Liftoff CDS     3671353 3671453 .       -       2
        Parent=Smp_015860.1
SM_V9_PAR1      Liftoff CDS     3673764 3673851 .       -       0
        Parent=Smp_015860.1
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SM_V9_PAR1      Liftoff CDS     3673886 3674119 .       -       0
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SM_V9_PAR1      iris    gene    3674369 3718316 .       +       .

ID=Smp_244790;geneID=Smp_244790;gene_name=Smp_244790;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    3674369 3718316 .       +       .

ID=Smp_244790.1;Parent=Smp_244790;geneID=Smp_244790;gene_name=Smp_24
4790;owner=irisadmin@local.host;orig_id=Smp_244790.1;date_last_modif
ied=2022-07-20;Name=Smp_244790.1;product=Intraflagellar transport
protein 172 homolog;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    3674369 3676650 .       +       .

Parent=Smp_244790.1;Name=4908bf81-08ce-4a82-8b0e-76eb2287152e
SM_V9_PAR1      iris    exon    3678603 3678836 .       +       .
        Parent=Smp_244790.1;Name=a1d8ba6a-b569-4e08-
a390-9bcca053eabd
SM_V9_PAR1      iris    exon    3686723 3686952 .       +       .

Parent=Smp_244790.1;Name=fd957208-1a6c-46b0-8451-206230ea2a1e
SM_V9_PAR1      iris    exon    3690307 3690591 .       +       .
        Parent=Smp_244790.1;Name=467b1c62-fa5d-48e2-947c-
bdaf8dfc758d
SM_V9_PAR1      iris    exon    3692525 3692771 .       +       .
        Parent=Smp_244790.1;Name=10fa159e-f10b-4166-ab04-
b779c416b706
SM_V9_PAR1      iris    exon    3694699 3695043 .       +       .
        Parent=Smp_244790.1;Name=743d5c2e-
c61c-40de-9bc5-6f02aade0159
SM_V9_PAR1      iris    exon    3696763 3697048 .       +       .
        Parent=Smp_244790.1;Name=90b497ac-ea90-49f5-a2d1-
ed83004acc09
SM_V9_PAR1      iris    exon    3698899 3699242 .       +       .
        Parent=Smp_244790.1;Name=d0c54bb6-c551-4569-
a945-29915ff34321
SM_V9_PAR1      iris    exon    3703892 3704056 .       +       .
        Parent=Smp_244790.1;Name=40f836e0-5467-4e73-b219-
bcd5829722bd
SM_V9_PAR1      iris    exon    3706303 3706668 .       +       .
        Parent=Smp_244790.1;Name=5307b396-eafe-4bdd-b15c-
b03f0889a8da
SM_V9_PAR1      iris    exon    3709297 3709509 .       +       .
        Parent=Smp_244790.1;Name=2aaea669-5798-4bbd-b675-
a4febe267a2d
SM_V9_PAR1      iris    exon    3714306 3714578 .       +       .
        Parent=Smp_244790.1;Name=cd980f2b-2ab6-453e-94ed-
c6fc5255b582
SM_V9_PAR1      iris    exon    3717652 3718316 .       +       .
        Parent=Smp_244790.1;Name=0519357d-
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SM_V9_PAR1      iris    CDS     3674491 3676650 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3678603 3678836 .       +       0
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SM_V9_PAR1      iris    CDS     3686723 3686952 .       +       0
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SM_V9_PAR1      iris    CDS     3690307 3690591 .       +       1
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3692525 3692771 .       +       1
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3694699 3695043 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3696763 3697048 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3698899 3699242 .       +       2
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3703892 3704056 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3706303 3706668 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3709297 3709509 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3714306 3714578 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      iris    CDS     3717652 3718029 .       +       0
        Parent=Smp_244790.1
SM_V9_PAR1      Liftoff gene    3725140 3728577 .       -       .

ID=Smp_347210;geneID=Smp_347210;previous_systematic_id=Smp_204110
SM_V9_PAR1      Liftoff mRNA    3725140 3728577 .       -       .

ID=Smp_347210.1;Parent=Smp_347210;geneID=Smp_347210;product=Transmem
brane protein 231;polypeptide_domain=InterPro:IPR019306 Pfam:PF10149
SM_V9_PAR1      Liftoff exon    3725140 3725386 .       -       .
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff exon    3727682 3727787 .       -       .
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff exon    3727829 3727901 .       -       .
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff exon    3727937 3728056 .       -       .
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff exon    3728099 3728394 .       -       .
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff exon    3728441 3728577 .       -       .
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff CDS     3725224 3725386 .       -       1
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff CDS     3727682 3727787 .       -       2
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff CDS     3727829 3727901 .       -       0
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff CDS     3727937 3728056 .       -       0
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff CDS     3728099 3728394 .       -       2
        Parent=Smp_347210.1
SM_V9_PAR1      Liftoff CDS     3728441 3728570 .       -       0
        Parent=Smp_347210.1
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SM_V9_PAR1      iris    gene    3733321 3766885 .       -       .

ID=Smp_015880;geneID=Smp_015880;gene_name=Smp_015880;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_PAR1      iris    mRNA    3733321 3766885 .       -       .

ID=Smp_015880.1;Parent=Smp_015880;geneID=Smp_015880;gene_name=Smp_01
5880;owner=irisadmin@local.host;orig_id=Smp_015880.1;date_last_modif
ied=2022-07-31;Name=Smp_015880.1;product=Evolutionarily conserved
signaling intermediate in Toll pathway,
mitochondrial;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    3733321 3734342 .       -       .

Parent=Smp_015880.1;Name=d11973e8-5b40-4b36-8b6e-8bb7e6555f54
SM_V9_PAR1      iris    exon    3736374 3736473 .       -       .

Parent=Smp_015880.1;Name=e94eb60d-6940-40cb-8931-446b5a644672
SM_V9_PAR1      iris    exon    3737746 3737928 .       -       .
        Parent=Smp_015880.1;Name=0001a302-0444-46bf-a971-
ba44ba99b6db
SM_V9_PAR1      iris    exon    3742452 3742687 .       -       .
        Parent=Smp_015880.1;Name=e6d78d58-
bcfc-4720-8bdc-70232702e9f2
SM_V9_PAR1      iris    exon    3745774 3746020 .       -       .
        Parent=Smp_015880.1;Name=96061095-
ce67-4020-9e06-1cc2508d2a60
SM_V9_PAR1      iris    exon    3747378 3747492 .       -       .
        Parent=Smp_015880.1;Name=a903f249-3a04-4ad8-
b62d-6227d6d6797a
SM_V9_PAR1      iris    exon    3759460 3759690 .       -       .
        Parent=Smp_015880.1;Name=42caa5b5-0f7a-46c3-
b874-7eff4801e86d
SM_V9_PAR1      iris    exon    3766743 3766885 .       -       .
        Parent=Smp_015880.1;Name=19529767-8818-4098-89bc-
a150f750de61
SM_V9_PAR1      iris    CDS     3733696 3734342 .       -       2
        Parent=Smp_015880.1
SM_V9_PAR1      iris    CDS     3736374 3736473 .       -       0
        Parent=Smp_015880.1
SM_V9_PAR1      iris    CDS     3737746 3737928 .       -       0
        Parent=Smp_015880.1
SM_V9_PAR1      iris    CDS     3742452 3742687 .       -       2
        Parent=Smp_015880.1
SM_V9_PAR1      iris    CDS     3745774 3746020 .       -       0
        Parent=Smp_015880.1
SM_V9_PAR1      iris    CDS     3747378 3747492 .       -       1
        Parent=Smp_015880.1
SM_V9_PAR1      iris    CDS     3759460 3759662 .       -       0
        Parent=Smp_015880.1
SM_V9_PAR1      iris    gene    3793338 3795766 .       +       .

ID=Smp_088390;geneID=Smp_088390;gene_name=Smp_088390;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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ied=2022-07-17;Name=Smp_088390.1;product=PITH domain-containing
protein 1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    3793338 3795207 .       +       .
        Parent=Smp_088390.1;Name=a1859178-eadb-4aec-ad7c-
ab437ac97d13
SM_V9_PAR1      iris    exon    3795241 3795423 .       +       .
        Parent=Smp_088390.1;Name=dae4b257-7be0-4d42-aef4-
f86dc35dadaa
SM_V9_PAR1      iris    exon    3795469 3795766 .       +       .
        Parent=Smp_088390.1;Name=7bf50b08-
a916-4e1e-9507-41452438e5e3
SM_V9_PAR1      iris    CDS     3795025 3795207 .       +       0
        Parent=Smp_088390.1
SM_V9_PAR1      iris    CDS     3795241 3795423 .       +       0
        Parent=Smp_088390.1
SM_V9_PAR1      iris    CDS     3795469 3795744 .       +       0
        Parent=Smp_088390.1
SM_V9_PAR1      Liftoff gene    3795983 3802725 .       +       .
        ID=Smp_170260;geneID=Smp_170260
SM_V9_PAR1      Liftoff mRNA    3795983 3802725 .       +       .

ID=Smp_170260.1;Parent=Smp_170260;geneID=Smp_170260;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR006085,IPR029060
Pfam:PF00752;Ontology_term=GO:0004518,GO:0006281
SM_V9_PAR1      Liftoff exon    3795983 3796932 .       +       .
        Parent=Smp_170260.1
SM_V9_PAR1      Liftoff exon    3799659 3800139 .       +       .
        Parent=Smp_170260.1
SM_V9_PAR1      Liftoff exon    3800968 3802725 .       +       .
        Parent=Smp_170260.1
SM_V9_PAR1      Liftoff CDS     3796687 3796932 .       +       0
        Parent=Smp_170260.1
SM_V9_PAR1      Liftoff CDS     3799659 3800139 .       +       0
        Parent=Smp_170260.1
SM_V9_PAR1      Liftoff CDS     3800968 3802595 .       +       2
        Parent=Smp_170260.1
SM_V9_PAR1      Liftoff mRNA    3795983 3802725 .       +       .

ID=Smp_170260.2;Parent=Smp_170260;geneID=Smp_170260;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR006085,IPR029060
Pfam:PF00752;Ontology_term=GO:0004518,GO:0006281
SM_V9_PAR1      Liftoff exon    3795983 3796932 .       +       .
        Parent=Smp_170260.2
SM_V9_PAR1      Liftoff exon    3799659 3802725 .       +       .
        Parent=Smp_170260.2
SM_V9_PAR1      Liftoff CDS     3796687 3796932 .       +       0
        Parent=Smp_170260.2
SM_V9_PAR1      Liftoff CDS     3799659 3802595 .       +       0
        Parent=Smp_170260.2
SM_V9_PAR1      Liftoff gene    3812835 3844630 .       -       .
        ID=Smp_088360;geneID=Smp_088360
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SM_V9_PAR1      Liftoff mRNA    3812835 3844630 .       -       .

ID=Smp_088360.1;Parent=Smp_088360;geneID=Smp_088360;product=npp-20a;
evidence=Traceable Author Statement;literature=PMID:19606141
SM_V9_PAR1      Liftoff exon    3812835 3813147 .       -       .
        Parent=Smp_088360.1
SM_V9_PAR1      Liftoff exon    3844261 3844630 .       -       .
        Parent=Smp_088360.1
SM_V9_PAR1      Liftoff CDS     3812997 3813147 .       -       1
        Parent=Smp_088360.1
SM_V9_PAR1      Liftoff CDS     3844261 3844553 .       -       0
        Parent=Smp_088360.1
SM_V9_PAR1      iris    gene    3874916 3905143 .       -       .

ID=Smp_244780;geneID=Smp_244780;gene_name=Smp_244780;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    3874916 3905143 .       -       .

ID=Smp_244780.1;Parent=Smp_244780;geneID=Smp_244780;gene_name=Smp_24
4780;owner=irisadmin@local.host;orig_id=Smp_244780.1;date_last_modif
ied=2022-07-17;Name=Smp_244780.1;product=GC-rich sequence DNA-
binding factor 2;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    3874916 3876682 .       -       .

Parent=Smp_244780.1;Name=2bf38559-5328-4808-94f7-7fcb2086a63d
SM_V9_PAR1      iris    exon    3878730 3879232 .       -       .

Parent=Smp_244780.1;Name=50331537-2adf-4f54-8045-88e7463f34bb
SM_V9_PAR1      iris    exon    3881625 3881691 .       -       .
        Parent=Smp_244780.1;Name=f4988a0e-
a793-4842-982b-3edbaa0f52bd
SM_V9_PAR1      iris    exon    3884831 3885026 .       -       .

Parent=Smp_244780.1;Name=0353df47-9c33-465c-8a43-37e1be0a2522
SM_V9_PAR1      iris    exon    3886430 3886694 .       -       .
        Parent=Smp_244780.1;Name=ef221583-0507-4360-93ae-
f397be6da029
SM_V9_PAR1      iris    exon    3887650 3887849 .       -       .

Parent=Smp_244780.1;Name=31b6f8d3-42f8-471a-9566-341f60de17ff
SM_V9_PAR1      iris    exon    3890420 3890541 .       -       .
        Parent=Smp_244780.1;Name=5c463721-8a35-4417-996b-
cbd2630c3a44
SM_V9_PAR1      iris    exon    3891446 3891539 .       -       .
        Parent=Smp_244780.1;Name=a49dcf3a-ce0b-4ad9-
aea5-11a7349a6c38
SM_V9_PAR1      iris    exon    3893630 3893747 .       -       .
        Parent=Smp_244780.1;Name=d5161796-46d2-4098-8c9e-
cc4de6656bef
SM_V9_PAR1      iris    exon    3895337 3895526 .       -       .
        Parent=Smp_244780.1;Name=92b639d2-af4f-415b-
bdc3-2ae70148f42e
SM_V9_PAR1      iris    exon    3897953 3898098 .       -       .
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Parent=Smp_244780.1;Name=dda7ebad-4ba6-4593-84f0-85aca04ff0e4
SM_V9_PAR1      iris    exon    3900137 3900422 .       -       .

Parent=Smp_244780.1;Name=b756300c-9101-45e0-890a-10c10cb936d9
SM_V9_PAR1      iris    exon    3901103 3901238 .       -       .
        Parent=Smp_244780.1;Name=69fe22c8-
ae5d-420d-8e77-83570a3246cd
SM_V9_PAR1      iris    exon    3901274 3901376 .       -       .
        Parent=Smp_244780.1;Name=3c353c57-0473-4ee7-9e98-
a5c1493a5777
SM_V9_PAR1      iris    exon    3901426 3901604 .       -       .
        Parent=Smp_244780.1;Name=f4957ce7-fb11-4f34-
bb98-85630626583a
SM_V9_PAR1      iris    exon    3901648 3901850 .       -       .
        Parent=Smp_244780.1;Name=94faa6b1-9493-4f5d-ab7b-
d471556ecea3
SM_V9_PAR1      iris    exon    3905094 3905143 .       -       .
        Parent=Smp_244780.1;Name=507a9f99-
fb16-4695-8c9c-13d76bf214b0
SM_V9_PAR1      iris    CDS     3876634 3876682 .       -       1
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3878730 3879232 .       -       0
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3881625 3881691 .       -       1
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3884831 3885026 .       -       2
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3886430 3886694 .       -       0
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3887650 3887849 .       -       2
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3890420 3890541 .       -       1
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3891446 3891539 .       -       2
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3893630 3893747 .       -       0
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3895337 3895526 .       -       1
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3897953 3898098 .       -       0
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3900137 3900422 .       -       1
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3901103 3901238 .       -       2
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3901274 3901376 .       -       0
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3901426 3901604 .       -       2
        Parent=Smp_244780.1
SM_V9_PAR1      iris    CDS     3901648 3901843 .       -       0
        Parent=Smp_244780.1
SM_V9_PAR1      Liftoff gene    3920187 3923583 .       +       .
        ID=Smp_170230;geneID=Smp_170230
SM_V9_PAR1      Liftoff mRNA    3920187 3923583 .       +       .
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ID=Smp_170230.1;Parent=Smp_170230;geneID=Smp_170230;product=RNA-
binding motif protein, X-linked
2;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_PAR1      Liftoff exon    3920187 3923583 .       +       .
        Parent=Smp_170230.1
SM_V9_PAR1      Liftoff CDS     3922653 3923429 .       +       0
        Parent=Smp_170230.1
SM_V9_PAR1      iris    gene    3925639 3934911 .       -       .

ID=Smp_154940;geneID=Smp_154940;gene_name=Smp_154940;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    3925639 3934911 .       -       .

ID=Smp_154940.1;Parent=Smp_154940;geneID=Smp_154940;gene_name=Smp_15
4940;owner=irisadmin@local.host;orig_id=Smp_154940.1;date_last_modif
ied=2022-07-20;Name=Smp_154940.1;product=ELL-associated factor
1;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    3925639 3925934 .       -       .

Parent=Smp_154940.1;Name=6117361d-0dfb-409e-983e-928e3e59f4c2
SM_V9_PAR1      iris    exon    3927941 3928204 .       -       .

Parent=Smp_154940.1;Name=c5fbfb44-1d89-43ac-9a66-34856fa035aa
SM_V9_PAR1      iris    exon    3931632 3931880 .       -       .

Parent=Smp_154940.1;Name=38d8f817-44d9-4d1d-8fb4-4d7d15f7617a
SM_V9_PAR1      iris    exon    3934615 3934911 .       -       .
        Parent=Smp_154940.1;Name=710d2167-d8f0-4c0b-8293-
ecafe62fe2f8
SM_V9_PAR1      iris    CDS     3925806 3925934 .       -       0
        Parent=Smp_154940.1
SM_V9_PAR1      iris    CDS     3927941 3928204 .       -       0
        Parent=Smp_154940.1
SM_V9_PAR1      iris    CDS     3931632 3931880 .       -       0
        Parent=Smp_154940.1
SM_V9_PAR1      iris    CDS     3934615 3934881 .       -       0
        Parent=Smp_154940.1
SM_V9_PAR1      iris    gene    3956602 3958483 .       -       .

ID=Smp_061040;geneID=Smp_061040;gene_name=Smp_061040;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    3956602 3958483 .       -       .

ID=Smp_061040.1;Parent=Smp_061040;geneID=Smp_061040;gene_name=Smp_06
1040;owner=irisadmin@local.host;orig_id=Smp_061040.2;date_last_modif
ied=2022-07-20;Name=Smp_061040.1;product=Maf-like protein
Amet_2288;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    3956602 3956967 .       -       .
        Parent=Smp_061040.1;Name=51240f8b-27ee-46b4-
bd47-4071d3f7fa93
SM_V9_PAR1      iris    exon    3957739 3957900 .       -       .
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Parent=Smp_061040.1;Name=f098283d-55ac-492b-9563-0c0acd3e27c5
SM_V9_PAR1      iris    exon    3957934 3958034 .       -       .
        Parent=Smp_061040.1;Name=f521934e-e3ec-4891-
bd9b-5bc9f4cf3e1b
SM_V9_PAR1      iris    exon    3958070 3958207 .       -       .
        Parent=Smp_061040.1;Name=e63f260e-
fa80-4201-9f5c-84c3454cd32a
SM_V9_PAR1      iris    exon    3958246 3958483 .       -       .
        Parent=Smp_061040.1;Name=fa541f2e-
a2c6-496a-8d63-588b11b8c215
SM_V9_PAR1      iris    CDS     3956808 3956967 .       -       1
        Parent=Smp_061040.1
SM_V9_PAR1      iris    CDS     3957739 3957900 .       -       1
        Parent=Smp_061040.1
SM_V9_PAR1      iris    CDS     3957934 3958034 .       -       0
        Parent=Smp_061040.1
SM_V9_PAR1      iris    CDS     3958070 3958207 .       -       0
        Parent=Smp_061040.1
SM_V9_PAR1      iris    CDS     3958246 3958389 .       -       0
        Parent=Smp_061040.1
SM_V9_PAR1      iris    mRNA    3956602 3958483 .       -       .

ID=Smp_061040.2;Parent=Smp_061040;geneID=Smp_061040;gene_name=Smp_06
1040;owner=irisadmin@local.host;orig_id=Smp_061040.1;date_last_modif
ied=2022-07-20;Name=Smp_061040.2;product=Maf-like protein
Amet_2288;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    3956602 3957900 .       -       .

Parent=Smp_061040.2;Name=5c2b5086-353e-42cc-8b0b-31cb439d2459
SM_V9_PAR1      iris    exon    3957934 3958034 .       -       .

Parent=Smp_061040.2;Name=1f43183b-5b91-4d0f-8b13-8b29a839e15b
SM_V9_PAR1      iris    exon    3958070 3958207 .       -       .
        Parent=Smp_061040.2;Name=e69f3c75-320f-4924-
abc7-23af33eab313
SM_V9_PAR1      iris    exon    3958246 3958483 .       -       .
        Parent=Smp_061040.2;Name=10b797db-aeaa-451f-b5ca-
e8d319bcdd37
SM_V9_PAR1      iris    CDS     3957627 3957900 .       -       1
        Parent=Smp_061040.2
SM_V9_PAR1      iris    CDS     3957934 3958034 .       -       0
        Parent=Smp_061040.2
SM_V9_PAR1      iris    CDS     3958070 3958207 .       -       0
        Parent=Smp_061040.2
SM_V9_PAR1      iris    CDS     3958246 3958389 .       -       0
        Parent=Smp_061040.2
SM_V9_PAR1      iris    gene    3965874 3975549 .       +       .

ID=Smp_061050;geneID=Smp_061050;gene_name=Smp_061050;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    3965874 3975549 .       +       .

ID=Smp_061050.1;Parent=Smp_061050;geneID=Smp_061050;gene_name=Smp_06
1050;owner=irisadmin@local.host;orig_id=Smp_061050.1;date_last_modif
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ied=2022-08-20;Name=Smp_061050.1;product=Coiled-coil domain-
containing protein 13;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    3965874 3965913 .       +       .
        Parent=Smp_061050.1;Name=7e702710-
aa26-4b59-8535-598e368dd671
SM_V9_PAR1      iris    exon    3967520 3968663 .       +       .
        Parent=Smp_061050.1;Name=96d0ef5f-0a91-40c9-
a664-7a9ad1b75fe2
SM_V9_PAR1      iris    exon    3971138 3971401 .       +       .

Parent=Smp_061050.1;Name=26ca3ea4-5234-417c-834c-00f2b5f6cb7e
SM_V9_PAR1      iris    exon    3974710 3975549 .       +       .
        Parent=Smp_061050.1;Name=04e927c8-789b-4339-a0e3-
a5ee5a7853d9
SM_V9_PAR1      iris    CDS     3967599 3968663 .       +       0
        Parent=Smp_061050.1
SM_V9_PAR1      iris    CDS     3971138 3971401 .       +       0
        Parent=Smp_061050.1
SM_V9_PAR1      iris    CDS     3974710 3975171 .       +       0
        Parent=Smp_061050.1
SM_V9_PAR1      iris    gene    3980574 4012523 .       -       .

ID=Smp_241570;geneID=Smp_241570;gene_name=Smp_241570;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_PAR1      iris    mRNA    3980574 4012523 .       -       .

ID=Smp_241570.1;Parent=Smp_241570;geneID=Smp_241570;gene_name=Smp_24
1570;owner=irisadmin@local.host;orig_id=Smp_241570.1;date_last_modif
ied=2022-07-31;Name=Smp_241570.1;product=Sphingosine-1-phosphate
lyase 1;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    3980574 3981322 .       -       .
        Parent=Smp_241570.1;Name=b919544e-47aa-47af-a705-
f1bb0be9fa75
SM_V9_PAR1      iris    exon    3985674 3985953 .       -       .
        Parent=Smp_241570.1;Name=875a027b-8db1-479c-9363-
d1b58028da1a
SM_V9_PAR1      iris    exon    3986378 3986495 .       -       .
        Parent=Smp_241570.1;Name=9c8d3bde-e329-493b-9832-
e34900011128
SM_V9_PAR1      iris    exon    3989064 3989184 .       -       .

Parent=Smp_241570.1;Name=f35e7ebc-6efd-4635-8af3-7bad222f74ab
SM_V9_PAR1      iris    exon    3990895 3991041 .       -       .
        Parent=Smp_241570.1;Name=1ad3899d-124e-49dd-84e9-
d4c06ab8bf79
SM_V9_PAR1      iris    exon    3993252 3993314 .       -       .
        Parent=Smp_241570.1;Name=106bfbf1-9cfc-4007-
b0a2-456a94c8483a
SM_V9_PAR1      iris    exon    3995240 3995347 .       -       .
        Parent=Smp_241570.1;Name=4157f291-9663-4221-8098-
fc05174183da
SM_V9_PAR1      iris    exon    3996935 3996971 .       -       .
        Parent=Smp_241570.1;Name=c4a08abf-ca21-491a-b919-
b6e0d2c09d48
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SM_V9_PAR1      iris    exon    4004334 4004422 .       -       .
        Parent=Smp_241570.1;Name=a1aa5394-f8e4-471e-9f03-
bc946c154c7b
SM_V9_PAR1      iris    exon    4009757 4009885 .       -       .
        Parent=Smp_241570.1;Name=58775b0e-c017-4979-97ea-
fb2639a3c4de
SM_V9_PAR1      iris    exon    4011873 4011952 .       -       .
        Parent=Smp_241570.1;Name=fa6a0734-c24f-4ac5-
bb9e-1a5189610b97
SM_V9_PAR1      iris    exon    4011990 4012029 .       -       .
        Parent=Smp_241570.1;Name=a38be42b-9f82-4407-9805-
f05fdb8d9f66
SM_V9_PAR1      iris    exon    4012063 4012241 .       -       .
        Parent=Smp_241570.1;Name=7b4eab61-47c9-4290-9ae2-
cd1b069bb543
SM_V9_PAR1      iris    exon    4012273 4012396 .       -       .
        Parent=Smp_241570.1;Name=cda8c6f1-9625-489d-aa5a-
b99591ddf6a9
SM_V9_PAR1      iris    exon    4012435 4012523 .       -       .
        Parent=Smp_241570.1;Name=09bde33b-ce27-4535-
b631-244066e218d7
SM_V9_PAR1      iris    CDS     3981221 3981322 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     3985674 3985953 .       -       1
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     3986378 3986495 .       -       2
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     3989064 3989184 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     3990895 3991041 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     3993252 3993314 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     3995240 3995347 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     3996935 3996971 .       -       1
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     4004334 4004422 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     4009757 4009885 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     4011873 4011952 .       -       2
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     4011990 4012029 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     4012063 4012241 .       -       2
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     4012273 4012396 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    CDS     4012435 4012446 .       -       0
        Parent=Smp_241570.1
SM_V9_PAR1      iris    gene    4020268 4137583 .       -       .

ID=Smp_344460;geneID=Smp_344460;gene_name=Smp_344460;owner=irisadmin
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    4020268 4137583 .       -       .

ID=Smp_344460.1;Parent=Smp_344460;geneID=Smp_344460;gene_name=Smp_34
4460;owner=irisadmin@local.host;orig_id=Smp_344460.2;date_last_modif
ied=2022-07-20;Name=Smp_344460.1;product=Schwann cell myelin
protein;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    4020268 4022740 .       -       .
        Parent=Smp_344460.1;Name=29537c0b-e988-4a52-8148-
eca2ea8ff5c1
SM_V9_PAR1      iris    exon    4023701 4023773 .       -       .
        Parent=Smp_344460.1;Name=8d9a305d-d151-47d8-b26f-
cf4d6c987b3f
SM_V9_PAR1      iris    exon    4027236 4027335 .       -       .

Parent=Smp_344460.1;Name=ac33fa13-0deb-49d9-90d6-23a70227cbe9
SM_V9_PAR1      iris    exon    4040112 4040224 .       -       .
        Parent=Smp_344460.1;Name=8c443a2b-b4c0-4caf-
b1cc-26edb85f7a2e
SM_V9_PAR1      iris    exon    4054681 4054747 .       -       .
        Parent=Smp_344460.1;Name=3fa7de0f-9f89-47f6-b2fd-
d011e6e81754
SM_V9_PAR1      iris    exon    4065343 4065417 .       -       .
        Parent=Smp_344460.1;Name=8f9b92c9-51fe-48ed-bc6a-
bff942f261e8
SM_V9_PAR1      iris    exon    4068176 4068285 .       -       .
        Parent=Smp_344460.1;Name=974f04f2-654b-4c72-ba91-
fa11aef4b176
SM_V9_PAR1      iris    exon    4075832 4076018 .       -       .
        Parent=Smp_344460.1;Name=dcd9c586-55a7-4af3-
a2ff-22a95a0f4fd1
SM_V9_PAR1      iris    exon    4135484 4137583 .       -       .

Parent=Smp_344460.1;Name=3b346a85-99ad-4da1-809a-98fa7a4624cf
SM_V9_PAR1      iris    CDS     4021607 4022740 .       -       0
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4023701 4023773 .       -       1
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4027236 4027335 .       -       2
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4040112 4040224 .       -       1
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4054681 4054747 .       -       2
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4065343 4065417 .       -       2
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4068176 4068285 .       -       1
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4075832 4076018 .       -       2
        Parent=Smp_344460.1
SM_V9_PAR1      iris    CDS     4135484 4136936 .       -       0
        Parent=Smp_344460.1
SM_V9_PAR1      iris    gene    4279817 4295301 .       +       .
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ID=Smp_152400;geneID=Smp_152400;gene_name=Smp_152400;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR1      iris    mRNA    4279817 4295301 .       +       .

ID=Smp_152400.1;Parent=Smp_152400;geneID=Smp_152400;gene_name=Smp_15
2400;owner=irisadmin@local.host;orig_id=Smp_152400.1;date_last_modif
ied=2022-08-19;Name=Smp_152400.1;product=Anaphase-promoting complex
subunit 2;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    4279817 4279976 .       +       .
        Parent=Smp_152400.1;Name=4009faf2-705d-40e3-
a7ec-07bdd152695b
SM_V9_PAR1      iris    exon    4280807 4281766 .       +       .
        Parent=Smp_152400.1;Name=580c6fd5-1e1d-4383-
ba0c-60f8c9366fce
SM_V9_PAR1      iris    exon    4283616 4283958 .       +       .
        Parent=Smp_152400.1;Name=fd655197-fcb0-44e6-8402-
d41b86c2dd8b
SM_V9_PAR1      iris    exon    4285369 4285667 .       +       .

Parent=Smp_152400.1;Name=06f97cce-0bf8-48dc-8693-8ee94e1ccd20
SM_V9_PAR1      iris    exon    4287268 4287656 .       +       .
        Parent=Smp_152400.1;Name=7fe13dca-3c1d-4f8a-9ebf-
f8cdf1510d2a
SM_V9_PAR1      iris    exon    4289448 4289625 .       +       .
        Parent=Smp_152400.1;Name=5b9dd056-1ae0-46ed-
ae71-81d0164116db
SM_V9_PAR1      iris    exon    4292614 4292940 .       +       .
        Parent=Smp_152400.1;Name=efc2d0b4-283f-4d13-8220-
c53bb6192fe8
SM_V9_PAR1      iris    exon    4295033 4295301 .       +       .

Parent=Smp_152400.1;Name=e87d814b-1be2-4b2f-8173-83c13c45bb56
SM_V9_PAR1      iris    CDS     4280843 4281766 .       +       0
        Parent=Smp_152400.1
SM_V9_PAR1      iris    CDS     4283616 4283958 .       +       0
        Parent=Smp_152400.1
SM_V9_PAR1      iris    CDS     4285369 4285667 .       +       2
        Parent=Smp_152400.1
SM_V9_PAR1      iris    CDS     4287268 4287656 .       +       0
        Parent=Smp_152400.1
SM_V9_PAR1      iris    CDS     4289448 4289625 .       +       1
        Parent=Smp_152400.1
SM_V9_PAR1      iris    CDS     4292614 4292940 .       +       0
        Parent=Smp_152400.1
SM_V9_PAR1      iris    CDS     4295033 4295245 .       +       0
        Parent=Smp_152400.1
SM_V9_PAR1      Liftoff gene    4296362 4300423 .       -       .
        ID=Smp_056440;geneID=Smp_056440
SM_V9_PAR1      Liftoff mRNA    4296362 4300423 .       -       .

ID=Smp_056440.1;Parent=Smp_056440;geneID=Smp_056440;product=Superoxi
de dismutase [Mn],
mitochondrial;polypeptide_domain=InterPro:IPR001189,IPR019831,IPR019
832,IPR019833
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Pfam:PF00081,PF02777;Ontology_term=GO:0004784,GO:0006801,GO:0046872,
GO:0055114
SM_V9_PAR1      Liftoff exon    4296362 4296646 .       -       .
        Parent=Smp_056440.1
SM_V9_PAR1      Liftoff exon    4297827 4298094 .       -       .
        Parent=Smp_056440.1
SM_V9_PAR1      Liftoff exon    4300133 4300423 .       -       .
        Parent=Smp_056440.1
SM_V9_PAR1      Liftoff CDS     4296501 4296646 .       -       2
        Parent=Smp_056440.1
SM_V9_PAR1      Liftoff CDS     4297827 4298094 .       -       0
        Parent=Smp_056440.1
SM_V9_PAR1      Liftoff CDS     4300133 4300372 .       -       0
        Parent=Smp_056440.1
SM_V9_PAR1      iris    gene    4303667 4312584 .       +       .

ID=Smp_152390;geneID=Smp_152390;gene_name=Smp_152390;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_PAR1      iris    mRNA    4303667 4312584 .       +       .

ID=Smp_152390.1;Parent=Smp_152390;geneID=Smp_152390;gene_name=Smp_15
2390;owner=irisadmin@local.host;orig_id=Smp_152390.1;date_last_modif
ied=2022-07-31;Name=Smp_152390.1;product=Protein
KIAA0556;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    4303667 4303709 .       +       .
        Parent=Smp_152390.1;Name=0a14d845-5937-4dcd-be68-
f1bc88366fed
SM_V9_PAR1      iris    exon    4303754 4303853 .       +       .
        Parent=Smp_152390.1;Name=2e0782d4-8674-47a4-
afaa-574220640908
SM_V9_PAR1      iris    exon    4303892 4304015 .       +       .
        Parent=Smp_152390.1;Name=8c10d829-
db47-4e96-987a-49b6b93ebceb
SM_V9_PAR1      iris    exon    4310115 4312584 .       +       .
        Parent=Smp_152390.1;Name=10b067af-9e18-430c-b076-
da6ab2550f5b
SM_V9_PAR1      iris    CDS     4310173 4312497 .       +       0
        Parent=Smp_152390.1
SM_V9_PAR1      Liftoff gene    4325319 4325552 .       +       .
        ID=Smp_056420;geneID=Smp_056420
SM_V9_PAR1      Liftoff mRNA    4325319 4325552 .       +       .

ID=Smp_056420.1;Parent=Smp_056420;geneID=Smp_056420;product=Histone
H2A.J;polypeptide_domain=InterPro:IPR002119,IPR009072;Ontology_term=
GO:0000786,GO:0003677,GO:0005634,GO:0046982
SM_V9_PAR1      Liftoff exon    4325319 4325552 .       +       .
        Parent=Smp_056420.1
SM_V9_PAR1      Liftoff CDS     4325319 4325552 .       +       0
        Parent=Smp_056420.1
SM_V9_PAR1      Liftoff gene    4430965 4448904 .       -       .
        ID=Smp_152380;geneID=Smp_152380
SM_V9_PAR1      Liftoff mRNA    4430965 4448904 .       -       .

ID=Smp_152380.1;Parent=Smp_152380;geneID=Smp_152380;product=Putative
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rhophilin-2-like protein RHPN2P1
SM_V9_PAR1      Liftoff exon    4430965 4432150 .       -       .
        Parent=Smp_152380.1
SM_V9_PAR1      Liftoff exon    4434281 4434423 .       -       .
        Parent=Smp_152380.1
SM_V9_PAR1      Liftoff exon    4447574 4448904 .       -       .
        Parent=Smp_152380.1
SM_V9_PAR1      Liftoff CDS     4431514 4432150 .       -       1
        Parent=Smp_152380.1
SM_V9_PAR1      Liftoff CDS     4434281 4434423 .       -       0
        Parent=Smp_152380.1
SM_V9_PAR1      Liftoff CDS     4447574 4447672 .       -       0
        Parent=Smp_152380.1
SM_V9_PAR1      iris    gene    4488287 4510649 .       -       .

ID=Smp_152370;geneID=Smp_152370;gene_name=Smp_152370;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_PAR1      iris    mRNA    4488287 4510649 .       -       .

ID=Smp_152370.1;Parent=Smp_152370;geneID=Smp_152370;gene_name=Smp_15
2370;owner=irisadmin@local.host;orig_id=Smp_152370.1;date_last_modif
ied=2022-07-31;Name=Smp_152370.1;product=ADP-ribosylation factor
GTPase-activating protein 1;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    4488287 4488975 .       -       .
        Parent=Smp_152370.1;Name=995e75a1-4e85-4267-94a0-
a31677b58a77
SM_V9_PAR1      iris    exon    4490114 4490202 .       -       .
        Parent=Smp_152370.1;Name=1e259e10-dbe1-4a3b-a2a3-
d1916f474675
SM_V9_PAR1      iris    exon    4493529 4493644 .       -       .
        Parent=Smp_152370.1;Name=81d30d64-6165-4f79-ba18-
fd3b641b0caf
SM_V9_PAR1      iris    exon    4495267 4495326 .       -       .
        Parent=Smp_152370.1;Name=bfffd364-182c-4b1e-
a002-8710c77f720c
SM_V9_PAR1      iris    exon    4497924 4498034 .       -       .
        Parent=Smp_152370.1;Name=0116a029-4047-43d0-
a130-80eec24b619e
SM_V9_PAR1      iris    exon    4501338 4501434 .       -       .
        Parent=Smp_152370.1;Name=43e82acb-
e541-4bb3-894b-2b0bbca3ea89
SM_V9_PAR1      iris    exon    4506137 4506465 .       -       .

Parent=Smp_152370.1;Name=6f820edd-6c46-4cb3-803a-8da772ae03b3
SM_V9_PAR1      iris    exon    4508894 4509065 .       -       .
        Parent=Smp_152370.1;Name=c81772ae-c337-4281-
ac34-726cdeed7369
SM_V9_PAR1      iris    exon    4509404 4509513 .       -       .
        Parent=Smp_152370.1;Name=80212a75-c285-431e-
a005-230239220b03
SM_V9_PAR1      iris    exon    4510518 4510649 .       -       .
        Parent=Smp_152370.1;Name=36093b03-339d-4555-
bcec-4c2301fc4561
SM_V9_PAR1      iris    CDS     4488761 4488975 .       -       2
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SM_V9_PAR1      iris    CDS     4490114 4490202 .       -       1
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SM_V9_PAR1      iris    CDS     4493529 4493644 .       -       0
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SM_V9_PAR1      iris    CDS     4495267 4495326 .       -       0
        Parent=Smp_152370.1
SM_V9_PAR1      iris    CDS     4497924 4498034 .       -       0
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SM_V9_PAR1      iris    CDS     4501338 4501434 .       -       1
        Parent=Smp_152370.1
SM_V9_PAR1      iris    CDS     4506137 4506465 .       -       0
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SM_V9_PAR1      iris    CDS     4510518 4510577 .       -       0
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SM_V9_PAR1      iris    gene    4514065 4528317 .       +       .

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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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ID=Smp_056390.1;Parent=Smp_056390;geneID=Smp_056390;gene_name=Smp_05
6390;owner=irisadmin@local.host;orig_id=Smp_056390.1;date_last_modif
ied=2022-07-17;Name=Smp_056390.1;product=Serine/threonine-protein
kinase PINK1, mitochondrial;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    4514065 4514145 .       +       .
        Parent=Smp_056390.1;Name=38e425ba-008a-4b92-
b91a-3f0ea4d48f00
SM_V9_PAR1      iris    exon    4516705 4516979 .       +       .
        Parent=Smp_056390.1;Name=3f7761c4-b4a4-430e-b0c2-
a5398930fff5
SM_V9_PAR1      iris    exon    4517015 4517232 .       +       .

Parent=Smp_056390.1;Name=384a882e-5be3-48e7-9c0b-0da28b63edd7
SM_V9_PAR1      iris    exon    4518671 4518876 .       +       .
        Parent=Smp_056390.1;Name=9026072b-4630-49ca-
a612-861ca3db5cc3
SM_V9_PAR1      iris    exon    4520955 4521363 .       +       .
        Parent=Smp_056390.1;Name=5b9be6c9-
da00-4ddc-9a2e-5d728d2d102b
SM_V9_PAR1      iris    exon    4522655 4523124 .       +       .

Parent=Smp_056390.1;Name=a79dfacb-87e2-42e5-9f53-801d47ac7681
SM_V9_PAR1      iris    exon    4524215 4524516 .       +       .
        Parent=Smp_056390.1;Name=876f95f3-8b12-45a1-9394-
dd94f76f6c43
SM_V9_PAR1      iris    exon    4526564 4526800 .       +       .

Parent=Smp_056390.1;Name=081b5ade-8c0e-4671-85c5-95122fb0574b
SM_V9_PAR1      iris    exon    4527715 4528317 .       +       .
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        Parent=Smp_056390.1;Name=b3493e49-2d82-45d4-
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SM_V9_PAR1      iris    CDS     4516884 4516979 .       +       0
        Parent=Smp_056390.1
SM_V9_PAR1      iris    CDS     4517015 4517232 .       +       0
        Parent=Smp_056390.1
SM_V9_PAR1      iris    CDS     4518671 4518876 .       +       1
        Parent=Smp_056390.1
SM_V9_PAR1      iris    CDS     4520955 4521363 .       +       2
        Parent=Smp_056390.1
SM_V9_PAR1      iris    CDS     4522655 4523124 .       +       1
        Parent=Smp_056390.1
SM_V9_PAR1      iris    CDS     4524215 4524516 .       +       2
        Parent=Smp_056390.1
SM_V9_PAR1      iris    CDS     4526564 4526800 .       +       0
        Parent=Smp_056390.1
SM_V9_PAR1      iris    CDS     4527715 4527966 .       +       0
        Parent=Smp_056390.1
SM_V9_PAR1      iris    gene    4613615 4675213 .       +       .

ID=Smp_152350;geneID=Smp_152350;gene_name=Smp_152350;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_PAR1      iris    mRNA    4613615 4675213 .       +       .

ID=Smp_152350.1;Parent=Smp_152350;geneID=Smp_152350;gene_name=Smp_15
2350;owner=irisadmin@local.host;orig_id=Smp_152350.1;date_last_modif
ied=2022-07-20;Name=Smp_152350.1;product=Potassium voltage-gated
channel subfamily H member 6;date_creation=2022-07-20
SM_V9_PAR1      iris    exon    4613615 4613796 .       +       .
        Parent=Smp_152350.1;Name=5f19fedd-0616-48da-b11a-
eedc044972f9
SM_V9_PAR1      iris    exon    4613831 4614061 .       +       .
        Parent=Smp_152350.1;Name=272c3095-
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SM_V9_PAR1      iris    exon    4614094 4614219 .       +       .

Parent=Smp_152350.1;Name=16246834-409a-45dc-9033-645cfab3a750
SM_V9_PAR1      iris    exon    4614254 4614349 .       +       .
        Parent=Smp_152350.1;Name=c599a6c2-37d8-4e63-
a166-818aca5bec54
SM_V9_PAR1      iris    exon    4614385 4614474 .       +       .
        Parent=Smp_152350.1;Name=989635c5-ef3c-4bc2-
bec5-690508d194a2
SM_V9_PAR1      iris    exon    4618840 4619252 .       +       .
        Parent=Smp_152350.1;Name=3fa8a51a-4d31-48d9-ad08-
dfc54e1ab8e6
SM_V9_PAR1      iris    exon    4625998 4626201 .       +       .
        Parent=Smp_152350.1;Name=1ecdab15-
c332-49a5-91c8-3a01517ba76b
SM_V9_PAR1      iris    exon    4636005 4636364 .       +       .
        Parent=Smp_152350.1;Name=18d4464d-e5bf-4a4b-
b881-57aca34a759c
SM_V9_PAR1      iris    exon    4646662 4646816 .       +       .
        Parent=Smp_152350.1;Name=5e210758-705a-40ce-
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a25b-3b365ca463e3
SM_V9_PAR1      iris    exon    4649418 4649659 .       +       .
        Parent=Smp_152350.1;Name=4de30cc5-c67f-4074-
b37c-6fe7836bcffb
SM_V9_PAR1      iris    exon    4654606 4654893 .       +       .
        Parent=Smp_152350.1;Name=802ac0cf-a257-47b8-b6af-
d348a72fa3e1
SM_V9_PAR1      iris    exon    4656850 4657451 .       +       .
        Parent=Smp_152350.1;Name=e3abcfc3-9038-4fe4-
a4d0-8281e04f4e3b
SM_V9_PAR1      iris    exon    4660718 4661466 .       +       .
        Parent=Smp_152350.1;Name=f845724c-bd60-4881-a3e8-
b7108b48e5ff
SM_V9_PAR1      iris    exon    4673495 4675213 .       +       .
        Parent=Smp_152350.1;Name=3adaa9d6-0c40-4bf8-8c00-
ea26b1c03204
SM_V9_PAR1      iris    CDS     4613721 4613796 .       +       0
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SM_V9_PAR1      iris    CDS     4613831 4614061 .       +       2
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4614094 4614219 .       +       2
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4614254 4614349 .       +       2
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4614385 4614474 .       +       2
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4618840 4619252 .       +       2
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4625998 4626201 .       +       0
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4636005 4636364 .       +       0
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4646662 4646816 .       +       0
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SM_V9_PAR1      iris    CDS     4649418 4649659 .       +       1
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4654606 4654893 .       +       2
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SM_V9_PAR1      iris    CDS     4656850 4657451 .       +       2
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4660718 4661466 .       +       0
        Parent=Smp_152350.1
SM_V9_PAR1      iris    CDS     4673495 4673594 .       +       1
        Parent=Smp_152350.1
SM_V9_PAR1      iris    gene    4676740 4690514 .       +       .

ID=Smp_056370;geneID=Smp_056370;gene_name=Smp_056370;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    4676740 4690514 .       +       .

ID=Smp_056370.1;Parent=Smp_056370;geneID=Smp_056370;gene_name=Smp_05
6370;owner=irisadmin@local.host;orig_id=Smp_056370.1;date_last_modif
ied=2022-08-13;Name=Smp_056370.1;product=Deoxyhypusine
hydroxylase;date_creation=2022-08-13
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SM_V9_PAR1      iris    exon    4676740 4677181 .       +       .
        Parent=Smp_056370.1;Name=478a7744-e467-41a1-9e66-
d9fba34e34b9
SM_V9_PAR1      iris    exon    4689618 4690514 .       +       .
        Parent=Smp_056370.1;Name=c2fcb3bc-bf48-4417-8978-
e630fd149dae
SM_V9_PAR1      iris    CDS     4676780 4677181 .       +       0
        Parent=Smp_056370.1
SM_V9_PAR1      iris    CDS     4689618 4690292 .       +       0
        Parent=Smp_056370.1
SM_V9_PAR1      Liftoff gene    4733135 4736881 .       -       .
        ID=Smp_056360;geneID=Smp_056360
SM_V9_PAR1      Liftoff mRNA    4733135 4736881 .       -       .

ID=Smp_056360.1;Parent=Smp_056360;geneID=Smp_056360;product=Cell
division cycle and apoptosis regulator protein
1;polypeptide_domain=InterPro:IPR003034,IPR011992,IPR025954,IPR02905
8 Pfam:PF02037,PF14443
SM_V9_PAR1      Liftoff exon    4733135 4733309 .       -       .
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SM_V9_PAR1      Liftoff exon    4733346 4733638 .       -       .
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff exon    4733674 4733783 .       -       .
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff exon    4733817 4734019 .       -       .
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff exon    4734331 4734565 .       -       .
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff exon    4734750 4735104 .       -       .
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff exon    4735252 4735399 .       -       .
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff exon    4735435 4735792 .       -       .
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        Parent=Smp_056360.1
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        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4733244 4733309 .       -       0
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4733346 4733638 .       -       2
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4733674 4733783 .       -       1
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4733817 4734019 .       -       0
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4734331 4734565 .       -       1
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4734750 4735104 .       -       2
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4735252 4735399 .       -       0
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SM_V9_PAR1      Liftoff CDS     4735435 4735792 .       -       1
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SM_V9_PAR1      Liftoff CDS     4735833 4736194 .       -       0
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4736235 4736722 .       -       2
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff CDS     4736797 4736821 .       -       0
        Parent=Smp_056360.1
SM_V9_PAR1      Liftoff gene    4746755 4757305 .       +       .
        ID=Smp_056350;geneID=Smp_056350
SM_V9_PAR1      Liftoff mRNA    4746755 4757305 .       +       .

ID=Smp_056350.1;Parent=Smp_056350;geneID=Smp_056350;product=Mitotic
spindle assembly checkpoint protein
MAD2A;polypeptide_domain=InterPro:IPR003511 Pfam:PF02301
SM_V9_PAR1      Liftoff exon    4746755 4755308 .       +       .
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff exon    4755349 4755495 .       +       .
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff exon    4755536 4755650 .       +       .
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff exon    4755700 4755800 .       +       .
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff exon    4757054 4757305 .       +       .
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff CDS     4755242 4755308 .       +       0
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff CDS     4755349 4755495 .       +       2
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff CDS     4755536 4755650 .       +       2
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff CDS     4755700 4755800 .       +       1
        Parent=Smp_056350.1
SM_V9_PAR1      Liftoff CDS     4757054 4757220 .       +       2
        Parent=Smp_056350.1
SM_V9_PAR1      iris    gene    4760823 4770951 .       -       .

ID=Smp_344450;geneID=Smp_344450;gene_name=Smp_344450;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_PAR1      iris    mRNA    4760823 4770951 .       -       .

ID=Smp_344450.1;Parent=Smp_344450;geneID=Smp_344450;gene_name=Smp_34
4450;owner=irisadmin@local.host;orig_id=Smp_344450.1;date_last_modif
ied=2022-07-31;Name=Smp_344450.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    4760823 4761966 .       -       .

Parent=Smp_344450.1;Name=89ff6207-667a-4892-92b9-355e9bbf2968
SM_V9_PAR1      iris    exon    4767843 4768489 .       -       .
        Parent=Smp_344450.1;Name=8ff7b016-3b3a-4e7b-
a14e-36147826d252
SM_V9_PAR1      iris    exon    4770509 4770717 .       -       .
        Parent=Smp_344450.1;Name=6df7a5af-1c9c-49ae-95d0-
c4db16cbdff2
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SM_V9_PAR1      iris    exon    4770760 4770951 .       -       .
        Parent=Smp_344450.1;Name=6c7b0ceb-
fa4b-45f4-97e3-24da78b444d6
SM_V9_PAR1      iris    CDS     4760916 4761966 .       -       1
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SM_V9_PAR1      iris    CDS     4767843 4768489 .       -       0
        Parent=Smp_344450.1
SM_V9_PAR1      iris    CDS     4770509 4770717 .       -       2
        Parent=Smp_344450.1
SM_V9_PAR1      iris    CDS     4770760 4770805 .       -       0
        Parent=Smp_344450.1
SM_V9_PAR1      Liftoff gene    4778746 4779276 .       +       .
        ID=Smp_321910;geneID=Smp_321910
SM_V9_PAR1      Liftoff mRNA    4778746 4779276 .       +       .

ID=Smp_321910.1;Parent=Smp_321910;geneID=Smp_321910;product=Ribonucl
eoside-diphosphate reductase large subunit
SM_V9_PAR1      Liftoff exon    4778746 4778808 .       +       .
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff exon    4778849 4778920 .       +       .
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff exon    4778961 4779044 .       +       .
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff exon    4779078 4779276 .       +       .
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff CDS     4778790 4778808 .       +       0
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff CDS     4778849 4778920 .       +       2
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff CDS     4778961 4779044 .       +       2
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff CDS     4779078 4779133 .       +       2
        Parent=Smp_321910.1
SM_V9_PAR1      Liftoff gene    4843183 4890504 .       +       .
        ID=Smp_152330;geneID=Smp_152330
SM_V9_PAR1      Liftoff mRNA    4843183 4890504 .       +       .

ID=Smp_152330.1;Parent=Smp_152330;geneID=Smp_152330;product=cAMP
dependent protein kinase catalytic subunit;evidence=Traceable Author
Statement;literature=PMID:19707280;polypeptide_domain=InterPro:IPR00
0719,IPR000961,IPR008271,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0004674,GO:0005524,GO:00064
68
SM_V9_PAR1      Liftoff exon    4843183 4843349 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4843424 4843485 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4843518 4843646 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4843684 4843782 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4845016 4845098 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4858735 4858861 .       +       .
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        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4869268 4869363 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4879820 4879942 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4885349 4885513 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff exon    4887953 4890504 .       +       .
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4843307 4843349 .       +       0
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4843424 4843485 .       +       2
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4843518 4843646 .       +       0
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4843684 4843782 .       +       0
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SM_V9_PAR1      Liftoff CDS     4845016 4845098 .       +       0
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SM_V9_PAR1      Liftoff CDS     4858735 4858861 .       +       1
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4869268 4869363 .       +       0
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4879820 4879942 .       +       0
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4885349 4885513 .       +       0
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff CDS     4887953 4888078 .       +       0
        Parent=Smp_152330.1
SM_V9_PAR1      Liftoff gene    4922433 4924727 .       +       .
        ID=Smp_176260;geneID=Smp_176260
SM_V9_PAR1      Liftoff mRNA    4922433 4924727 .       +       .

ID=Smp_176260.1;Parent=Smp_176260;geneID=Smp_176260;product=Geminin;
polypeptide_domain=InterPro:IPR022786
Pfam:PF07412;Ontology_term=GO:0006275
SM_V9_PAR1      Liftoff exon    4922433 4922574 .       +       .
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff exon    4922614 4922863 .       +       .
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff exon    4922896 4922978 .       +       .
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff exon    4923012 4923101 .       +       .
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff exon    4924497 4924727 .       +       .
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff CDS     4922512 4922574 .       +       0
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff CDS     4922614 4922863 .       +       0
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff CDS     4922896 4922978 .       +       2
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff CDS     4923012 4923101 .       +       0
        Parent=Smp_176260.1
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SM_V9_PAR1      Liftoff CDS     4924497 4924583 .       +       0
        Parent=Smp_176260.1
SM_V9_PAR1      Liftoff gene    4928833 4932740 .       -       .

ID=Smp_346430;geneID=Smp_346430;previous_systematic_id=Smp_176250
SM_V9_PAR1      Liftoff mRNA    4928833 4932740 .       -       .

ID=Smp_346430.1;Parent=Smp_346430;geneID=Smp_346430;product=Hypothet
ical protein
SM_V9_PAR1      Liftoff exon    4928833 4932740 .       -       .
        Parent=Smp_346430.1
SM_V9_PAR1      Liftoff CDS     4929070 4932696 .       -       0
        Parent=Smp_346430.1
SM_V9_PAR1      Liftoff gene    4937364 5019929 .       -       .
        ID=Smp_321920;geneID=Smp_321920
SM_V9_PAR1      Liftoff mRNA    4937364 5019929 .       -       .

ID=Smp_321920.1;Parent=Smp_321920;geneID=Smp_321920;product=Hypothet
ical protein
SM_V9_PAR1      Liftoff exon    4937364 4937685 .       -       .
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff exon    4943918 4944489 .       -       .
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff exon    4950384 4951031 .       -       .
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff exon    4957797 5019929 .       -       .
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff CDS     4937399 4937685 .       -       2
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff CDS     4943918 4944489 .       -       1
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff CDS     4950384 4951031 .       -       1
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff CDS     4957797 4957867 .       -       0
        Parent=Smp_321920.1
SM_V9_PAR1      Liftoff gene    5126344 5168967 .       +       .

ID=Smp_346420;geneID=Smp_346420;previous_systematic_id=Smp_176240
SM_V9_PAR1      Liftoff mRNA    5126344 5168967 .       +       .

ID=Smp_346420.1;Parent=Smp_346420;geneID=Smp_346420;product=Hypothet
ical protein
SM_V9_PAR1      Liftoff exon    5126344 5126795 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff exon    5148446 5148714 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff exon    5150753 5150876 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff exon    5152357 5152533 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff exon    5155513 5155680 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff exon    5158028 5158120 .       +       .
        Parent=Smp_346420.1
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SM_V9_PAR1      Liftoff exon    5160714 5160821 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff exon    5163674 5164281 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff exon    5167427 5168967 .       +       .
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5126678 5126795 .       +       0
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5148446 5148714 .       +       2
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5150753 5150876 .       +       0
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5152357 5152533 .       +       2
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5155513 5155680 .       +       2
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5158028 5158120 .       +       2
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5160714 5160821 .       +       2
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5163674 5164281 .       +       2
        Parent=Smp_346420.1
SM_V9_PAR1      Liftoff CDS     5167427 5168536 .       +       0
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SM_V9_PAR1      iris    gene    5248783 5262448 .       -       .

ID=Smp_341650;geneID=Smp_341650;gene_name=Smp_341650;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    5248783 5262448 .       -       .

ID=Smp_341650.1;Parent=Smp_341650;geneID=Smp_341650;gene_name=Smp_34
1650;owner=irisadmin@local.host;orig_id=Smp_341650.1;date_last_modif
ied=2022-07-17;Name=Smp_341650.1;product=Uncharacterized aarF
domain-containing protein kinase 5;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    5248783 5249542 .       -       .
        Parent=Smp_341650.1;Name=0771c646-18a7-48e2-
b25a-803047d39bcf
SM_V9_PAR1      iris    exon    5252490 5252678 .       -       .
        Parent=Smp_341650.1;Name=e69b96f9-c516-41cf-b6d9-
c121af5cdd84
SM_V9_PAR1      iris    exon    5253957 5254134 .       -       .
        Parent=Smp_341650.1;Name=8087f64a-7c9e-4ec4-a5de-
c29486278f7a
SM_V9_PAR1      iris    exon    5255334 5255799 .       -       .
        Parent=Smp_341650.1;Name=f3347e3c-4e88-433f-
af42-0152087cef9a
SM_V9_PAR1      iris    exon    5256838 5257023 .       -       .
        Parent=Smp_341650.1;Name=0c3cfe66-c17a-4825-
af17-1307ad1844c4
SM_V9_PAR1      iris    exon    5259281 5259544 .       -       .
        Parent=Smp_341650.1;Name=6a0daa5f-5f15-4f93-aec9-
d0c30500f53a
SM_V9_PAR1      iris    exon    5261704 5261904 .       -       .
        Parent=Smp_341650.1;Name=60aa1c61-
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ea56-4ab4-89f1-046c68418988
SM_V9_PAR1      iris    exon    5261953 5262016 .       -       .
        Parent=Smp_341650.1;Name=72340a47-833b-40f5-bf1d-
bd69eec51bd1
SM_V9_PAR1      iris    exon    5262060 5262448 .       -       .
        Parent=Smp_341650.1;Name=17eee65b-df6d-4ca9-85ae-
b6b8c902a714
SM_V9_PAR1      iris    CDS     5249407 5249542 .       -       1
        Parent=Smp_341650.1
SM_V9_PAR1      iris    CDS     5252490 5252678 .       -       1
        Parent=Smp_341650.1
SM_V9_PAR1      iris    CDS     5253957 5254134 .       -       2
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SM_V9_PAR1      iris    CDS     5256838 5257023 .       -       0
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SM_V9_PAR1      iris    CDS     5259281 5259544 .       -       0
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SM_V9_PAR1      iris    CDS     5261704 5261904 .       -       0
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SM_V9_PAR1      iris    CDS     5261953 5262016 .       -       1
        Parent=Smp_341650.1
SM_V9_PAR1      iris    CDS     5262060 5262235 .       -       0
        Parent=Smp_341650.1
SM_V9_PAR1      Liftoff gene    5279075 5298665 .       +       .
        ID=Smp_176230;geneID=Smp_176230
SM_V9_PAR1      Liftoff mRNA    5279075 5298665 .       +       .

ID=Smp_176230.1;Parent=Smp_176230;geneID=Smp_176230;product=Eukaryot
ic translation initiation factor 3 subunit
E;polypeptide_domain=InterPro:IPR000717,IPR011990,IPR011991,IPR01665
0,IPR019010
Pfam:PF01399,PF09440;Ontology_term=GO:0003743,GO:0005515,GO:0005737,
GO:0005852
SM_V9_PAR1      Liftoff exon    5279075 5279210 .       +       .
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff exon    5279240 5279354 .       +       .
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff exon    5279385 5279584 .       +       .
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff exon    5279709 5279909 .       +       .
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        Parent=Smp_176230.1
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        Parent=Smp_176230.1
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        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff exon    5292148 5292250 .       +       .
        Parent=Smp_176230.1
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        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff exon    5298303 5298665 .       +       .
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SM_V9_PAR1      Liftoff CDS     5279121 5279210 .       +       0
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SM_V9_PAR1      Liftoff CDS     5279240 5279354 .       +       0
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5279385 5279584 .       +       2
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5279709 5279909 .       +       0
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5284908 5285035 .       +       0
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5286697 5286922 .       +       1
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5290671 5290780 .       +       0
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5292148 5292250 .       +       1
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5294575 5294706 .       +       0
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff CDS     5298303 5298332 .       +       0
        Parent=Smp_176230.1
SM_V9_PAR1      Liftoff gene    5321782 5327613 .       +       .

ID=Smp_334980;geneID=Smp_334980;previous_systematic_id=Smp_176220
SM_V9_PAR1      Liftoff mRNA    5321782 5327613 .       +       .

ID=Smp_334980.1;Parent=Smp_334980;geneID=Smp_334980;product=Rap
guanine nucleotide exchange factor
4;polypeptide_domain=InterPro:IPR000595,IPR001895,IPR011991,IPR01471
0,IPR018490,IPR023578,IPR029071
Pfam:PF00027,PF00617;Ontology_term=GO:0005085,GO:0007264
SM_V9_PAR1      Liftoff exon    5321782 5327613 .       +       .
        Parent=Smp_334980.1
SM_V9_PAR1      Liftoff CDS     5323446 5327363 .       +       0
        Parent=Smp_334980.1
SM_V9_PAR1      iris    gene    5360293 5362908 .       -       .

ID=Smp_098340;geneID=Smp_098340;gene_name=Smp_098340;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    5360293 5362908 .       -       .

ID=Smp_098340.1;Parent=Smp_098340;geneID=Smp_098340;gene_name=Smp_09
8340;owner=irisadmin@local.host;orig_id=Smp_098340.1;date_last_modif
ied=2022-08-13;Name=Smp_098340.1;product=Gamma-
glutamylcyclotransferase;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    5360293 5361050 .       -       .

Parent=Smp_098340.1;Name=5655b88a-1fe5-4844-832c-312e68f216e1
SM_V9_PAR1      iris    exon    5362800 5362908 .       -       .
        Parent=Smp_098340.1;Name=d73bf360-742d-4a2d-
bae2-95f677d2ccea
SM_V9_PAR1      iris    CDS     5360389 5360940 .       -       0
        Parent=Smp_098340.1
SM_V9_PAR1      Liftoff gene    5426744 5458308 .       -       .
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        ID=Smp_097820;geneID=Smp_097820
SM_V9_PAR1      Liftoff mRNA    5426744 5458308 .       -       .

ID=Smp_097820.1;Parent=Smp_097820;geneID=Smp_097820;product=Tau-
tubulin kinase homolog
Asator;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR1      Liftoff exon    5426744 5444404 .       -       .
        Parent=Smp_097820.1
SM_V9_PAR1      Liftoff exon    5450049 5458308 .       -       .
        Parent=Smp_097820.1
SM_V9_PAR1      Liftoff CDS     5444396 5444404 .       -       0
        Parent=Smp_097820.1
SM_V9_PAR1      Liftoff CDS     5450049 5453450 .       -       0
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SM_V9_PAR1      Liftoff mRNA    5426744 5458308 .       -       .

ID=Smp_097820.2;Parent=Smp_097820;geneID=Smp_097820;product=Tau-
tubulin kinase homolog
Asator;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR1      Liftoff exon    5426744 5430459 .       -       .
        Parent=Smp_097820.2
SM_V9_PAR1      Liftoff exon    5450049 5458308 .       -       .
        Parent=Smp_097820.2
SM_V9_PAR1      Liftoff CDS     5430271 5430459 .       -       0
        Parent=Smp_097820.2
SM_V9_PAR1      Liftoff CDS     5450049 5453450 .       -       0
        Parent=Smp_097820.2
SM_V9_PAR1      Liftoff gene    5463907 5480908 .       -       .
        ID=Smp_097830;geneID=Smp_097830
SM_V9_PAR1      Liftoff mRNA    5463907 5480908 .       -       .

ID=Smp_097830.1;Parent=Smp_097830;geneID=Smp_097830;product=Leukocyt
e receptor cluster member 8
SM_V9_PAR1      Liftoff exon    5463907 5468558 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff exon    5469891 5470025 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff exon    5471135 5471522 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff exon    5473497 5473892 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff exon    5474998 5475198 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff exon    5475710 5475833 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff exon    5478591 5479074 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff exon    5479108 5480908 .       -       .
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff CDS     5468175 5468558 .       -       0
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff CDS     5469891 5470025 .       -       0
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SM_V9_PAR1      Liftoff CDS     5471135 5471522 .       -       1
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SM_V9_PAR1      Liftoff CDS     5473497 5473892 .       -       1
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SM_V9_PAR1      Liftoff CDS     5474998 5475198 .       -       1
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SM_V9_PAR1      Liftoff CDS     5475710 5475833 .       -       2
        Parent=Smp_097830.1
SM_V9_PAR1      Liftoff CDS     5478591 5479074 .       -       0
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SM_V9_PAR1      Liftoff CDS     5479108 5479185 .       -       0
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SM_V9_PAR1      Liftoff mRNA    5463907 5480908 .       -       .

ID=Smp_097830.2;Parent=Smp_097830;geneID=Smp_097830;product=Leukocyt
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SM_V9_PAR1      Liftoff exon    5468357 5468558 .       -       .
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SM_V9_PAR1      Liftoff CDS     5469891 5470025 .       -       0
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SM_V9_PAR1      Liftoff CDS     5471135 5471522 .       -       1
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SM_V9_PAR1      Liftoff CDS     5473497 5473892 .       -       1
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SM_V9_PAR1      Liftoff CDS     5474998 5475198 .       -       1
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SM_V9_PAR1      Liftoff CDS     5475710 5475833 .       -       2
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SM_V9_PAR1      Liftoff CDS     5478591 5479074 .       -       0
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SM_V9_PAR1      Liftoff CDS     5479108 5479185 .       -       0
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SM_V9_PAR1      Liftoff exon    5469891 5470025 .       -       .
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        Parent=Smp_097830.3
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SM_V9_PAR1      Liftoff CDS     5475710 5475833 .       -       2
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SM_V9_PAR1      Liftoff CDS     5478591 5479074 .       -       0
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on=2022-07-30
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SM_V9_PAR1      iris    exon    5512298 5512440 .       +       .
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SM_V9_PAR1      iris    exon    5513712 5513890 .       +       .
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SM_V9_PAR1      iris    exon    5517895 5518062 .       +       .
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ID=Smp_175910.1;Parent=Smp_175910;geneID=Smp_175910;gene_name=Smp_17
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factor;date_creation=2022-07-30
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SM_V9_PAR1      iris    exon    5535644 5535817 .       -       .
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SM_V9_PAR1      iris    exon    5536132 5536545 .       -       .
        Parent=Smp_175910.1;Name=fcaf8196-b5e1-42ea-87dd-
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SM_V9_PAR1      iris    exon    5548114 5548205 .       -       .
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SM_V9_PAR1      iris    CDS     5548114 5548159 .       -       0
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SM_V9_PAR1      Liftoff mRNA    5559372 5571317 .       +       .

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SM_V9_PAR1      Liftoff exon    5569387 5571317 .       +       .
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        Parent=Smp_175920.1
SM_V9_PAR1      Liftoff CDS     5569387 5570720 .       +       2
        Parent=Smp_175920.1
SM_V9_PAR1      Liftoff gene    5573361 5663351 .       -       .
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SM_V9_PAR1      Liftoff mRNA    5573361 5663351 .       -       .

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1;polypeptide_domain=InterPro:IPR000504,IPR002343,IPR006548,IPR03477
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SM_V9_PAR1      Liftoff CDS     5590179 5590332 .       -       0
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SM_V9_PAR1      Liftoff exon    5769261 5769334 .       -       .
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SM_V9_PAR1      Liftoff exon    5776169 5776220 .       -       .
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SM_V9_PAR1      Liftoff exon    5788888 5788983 .       -       .
        Parent=Smp_133900.1
SM_V9_PAR1      Liftoff exon    5789024 5789141 .       -       .
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SM_V9_PAR1      Liftoff CDS     5769261 5769334 .       -       1
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        ID=Smp_133890;geneID=Smp_133890
SM_V9_PAR1      Liftoff mRNA    5808345 5809711 .       +       .

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SM_V9_PAR1      Liftoff CDS     5809029 5809211 .       +       0
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ied=2022-07-17;Name=Smp_342830.1;product=CD109
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SM_V9_PAR1      iris    exon    5845716 5845898 .       +       .
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SM_V9_PAR1      iris    CDS     5850985 5851047 .       +       0
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5854020 5854364 .       +       0
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5856524 5856716 .       +       0
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5858630 5858873 .       +       2
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5860396 5860627 .       +       1
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5863097 5863345 .       +       0
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5865922 5866093 .       +       0
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5869910 5870177 .       +       2
        Parent=Smp_342830.1
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        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5882039 5882321 .       +       1
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SM_V9_PAR1      iris    CDS     5885974 5886135 .       +       0
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SM_V9_PAR1      iris    CDS     5888984 5889223 .       +       0
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SM_V9_PAR1      iris    CDS     5893274 5893441 .       +       0
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5896166 5896271 .       +       0
        Parent=Smp_342830.1
SM_V9_PAR1      iris    CDS     5898519 5898712 .       +       2
        Parent=Smp_342830.1
SM_V9_PAR1      iris    gene    5901519 5909590 .       -       .

ID=Smp_021600;geneID=Smp_021600;gene_name=Smp_021600;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_PAR1      iris    mRNA    5901519 5909590 .       -       .

ID=Smp_021600.1;Parent=Smp_021600;geneID=Smp_021600;gene_name=Smp_02
1600;owner=irisadmin@local.host;orig_id=Smp_021600.1;date_last_modif
ied=2022-07-31;Name=Smp_021600.1;product=Trimeric intracellular
cation channel type 1B.1;date_creation=2022-07-30
SM_V9_PAR1      iris    exon    5901519 5901904 .       -       .
        Parent=Smp_021600.1;Name=299408d1-2f31-43aa-9b07-
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b8a76747a2d0
SM_V9_PAR1      iris    exon    5902268 5902785 .       -       .
        Parent=Smp_021600.1;Name=bd15d767-0ce9-46cc-83b2-
b7d807baa550
SM_V9_PAR1      iris    exon    5905344 5905460 .       -       .
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f29efb551acb
SM_V9_PAR1      iris    exon    5905620 5905707 .       -       .
        Parent=Smp_021600.1;Name=94364d5f-7fd5-475b-
a7fc-715b42263c24
SM_V9_PAR1      iris    exon    5909020 5909204 .       -       .
        Parent=Smp_021600.1;Name=a70714fa-ef75-4fbd-ad19-
c0fa2f2c63b2
SM_V9_PAR1      iris    exon    5909238 5909394 .       -       .
        Parent=Smp_021600.1;Name=dc83f991-d720-4566-
b317-32be981f08ae
SM_V9_PAR1      iris    exon    5909426 5909590 .       -       .
        Parent=Smp_021600.1;Name=4e84d479-10f2-42e2-
b2ea-742a7fe7c3ab
SM_V9_PAR1      iris    CDS     5902437 5902785 .       -       1
        Parent=Smp_021600.1
SM_V9_PAR1      iris    CDS     5905344 5905460 .       -       1
        Parent=Smp_021600.1
SM_V9_PAR1      iris    CDS     5905620 5905707 .       -       2
        Parent=Smp_021600.1
SM_V9_PAR1      iris    CDS     5909020 5909204 .       -       1
        Parent=Smp_021600.1
SM_V9_PAR1      iris    CDS     5909238 5909394 .       -       2
        Parent=Smp_021600.1
SM_V9_PAR1      iris    CDS     5909426 5909549 .       -       0
        Parent=Smp_021600.1
SM_V9_PAR1      iris    gene    5917895 5931379 .       +       .

ID=Smp_021590;geneID=Smp_021590;gene_name=Smp_021590;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    5917895 5931379 .       +       .

ID=Smp_021590.1;Parent=Smp_021590;geneID=Smp_021590;gene_name=Smp_02
1590;owner=irisadmin@local.host;orig_id=Smp_021590.1;date_last_modif
ied=2022-07-17;Name=Smp_021590.1;product=Rac GTPase-activating
protein 1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    5917895 5918022 .       +       .
        Parent=Smp_021590.1;Name=12ea801e-71c0-4ff5-
a455-2027bee89349
SM_V9_PAR1      iris    exon    5920249 5920372 .       +       .
        Parent=Smp_021590.1;Name=ab6ce4ec-0d3b-4a84-
a8de-1054e15a6a4e
SM_V9_PAR1      iris    exon    5920408 5920560 .       +       .
        Parent=Smp_021590.1;Name=4a67e48d-
f4d1-416f-84fa-7fd6f2e9857c
SM_V9_PAR1      iris    exon    5920593 5920858 .       +       .
        Parent=Smp_021590.1;Name=da058f82-71b3-4f6b-
b7ce-810da6f0f606
SM_V9_PAR1      iris    exon    5923538 5923703 .       +       .
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        Parent=Smp_021590.1;Name=1b6f5489-c661-4774-af85-
d35d0efece6c
SM_V9_PAR1      iris    exon    5924642 5924806 .       +       .
        Parent=Smp_021590.1;Name=c4f7b3f6-efbc-4a2d-8536-
c3a7f82b0892
SM_V9_PAR1      iris    exon    5926103 5926436 .       +       .
        Parent=Smp_021590.1;Name=6be249f4-9402-4ec5-
b065-6dafdb67ea1a
SM_V9_PAR1      iris    exon    5928682 5928947 .       +       .
        Parent=Smp_021590.1;Name=71f4fe44-bd52-4b7c-8b0b-
c0be14c94083
SM_V9_PAR1      iris    exon    5929664 5929798 .       +       .
        Parent=Smp_021590.1;Name=b2910631-056b-4e87-
ad9e-5735b9085b38
SM_V9_PAR1      iris    exon    5930948 5931379 .       +       .
        Parent=Smp_021590.1;Name=f2e1e0dc-5db5-49ab-bd22-
b61e5bbe4131
SM_V9_PAR1      iris    CDS     5920286 5920372 .       +       0
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SM_V9_PAR1      iris    CDS     5920408 5920560 .       +       0
        Parent=Smp_021590.1
SM_V9_PAR1      iris    CDS     5920593 5920858 .       +       0
        Parent=Smp_021590.1
SM_V9_PAR1      iris    CDS     5923538 5923703 .       +       1
        Parent=Smp_021590.1
SM_V9_PAR1      iris    CDS     5924642 5924806 .       +       0
        Parent=Smp_021590.1
SM_V9_PAR1      iris    CDS     5926103 5926436 .       +       0
        Parent=Smp_021590.1
SM_V9_PAR1      iris    CDS     5928682 5928947 .       +       2
        Parent=Smp_021590.1
SM_V9_PAR1      iris    CDS     5929664 5929798 .       +       0
        Parent=Smp_021590.1
SM_V9_PAR1      iris    CDS     5930948 5931208 .       +       0
        Parent=Smp_021590.1
SM_V9_PAR1      Liftoff gene    5935015 5944881 .       -       .
        ID=Smp_133860;geneID=Smp_133860
SM_V9_PAR1      Liftoff mRNA    5935015 5944881 .       -       .

ID=Smp_133860.1;Parent=Smp_133860;geneID=Smp_133860;product=Mediator
of RNA polymerase II transcription subunit
18;polypeptide_domain=InterPro:IPR019095
Pfam:PF09637;Ontology_term=GO:0001104,GO:0006357,GO:0016592
SM_V9_PAR1      Liftoff exon    5935015 5935332 .       -       .
        Parent=Smp_133860.1
SM_V9_PAR1      Liftoff exon    5937479 5937691 .       -       .
        Parent=Smp_133860.1
SM_V9_PAR1      Liftoff exon    5943728 5944045 .       -       .
        Parent=Smp_133860.1
SM_V9_PAR1      Liftoff exon    5944637 5944881 .       -       .
        Parent=Smp_133860.1
SM_V9_PAR1      Liftoff CDS     5935153 5935332 .       -       0
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SM_V9_PAR1      Liftoff CDS     5937479 5937691 .       -       0
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SM_V9_PAR1      Liftoff CDS     5943728 5944045 .       -       0
        Parent=Smp_133860.1
SM_V9_PAR1      Liftoff CDS     5944637 5944852 .       -       0
        Parent=Smp_133860.1
SM_V9_PAR1      iris    gene    5945637 5950975 .       -       .

ID=Smp_133850;geneID=Smp_133850;gene_name=Smp_133850;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    5945637 5950975 .       -       .

ID=Smp_133850.1;Parent=Smp_133850;geneID=Smp_133850;gene_name=Smp_13
3850;owner=irisadmin@local.host;orig_id=Smp_133850.1;date_last_modif
ied=2022-08-13;Name=Smp_133850.1;product=Dynactin subunit
6;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    5945637 5945993 .       -       .

Parent=Smp_133850.1;Name=98a933c8-714e-4483-9996-988e32fb405c
SM_V9_PAR1      iris    exon    5949835 5950002 .       -       .
        Parent=Smp_133850.1;Name=fc3e2770-3d14-4a50-ba0c-
f04045386f3e
SM_V9_PAR1      iris    exon    5950717 5950975 .       -       .

Parent=Smp_133850.1;Name=0493d3e2-2144-4bce-9550-852df6c44693
SM_V9_PAR1      iris    CDS     5945856 5945993 .       -       0
        Parent=Smp_133850.1
SM_V9_PAR1      iris    CDS     5949835 5950002 .       -       0
        Parent=Smp_133850.1
SM_V9_PAR1      iris    CDS     5950717 5950971 .       -       0
        Parent=Smp_133850.1
SM_V9_PAR1      Liftoff gene    5958382 5970202 .       -       .
        ID=Smp_021550;geneID=Smp_021550
SM_V9_PAR1      Liftoff mRNA    5958382 5970202 .       -       .

ID=Smp_021550.1;Parent=Smp_021550;geneID=Smp_021550;product=DNA
repair protein complementing XP-C cells
homolog;polypeptide_domain=InterPro:IPR018326,IPR018327,IPR018328
Pfam:PF10403,PF10404,PF10405;Ontology_term=GO:0003677
SM_V9_PAR1      Liftoff exon    5958382 5962054 .       -       .
        Parent=Smp_021550.1
SM_V9_PAR1      Liftoff exon    5964417 5964657 .       -       .
        Parent=Smp_021550.1
SM_V9_PAR1      Liftoff exon    5965699 5970202 .       -       .
        Parent=Smp_021550.1
SM_V9_PAR1      Liftoff CDS     5961387 5962054 .       -       2
        Parent=Smp_021550.1
SM_V9_PAR1      Liftoff CDS     5964417 5964657 .       -       0
        Parent=Smp_021550.1
SM_V9_PAR1      Liftoff CDS     5965699 5967591 .       -       0
        Parent=Smp_021550.1
SM_V9_PAR1      iris    gene    5980616 5994440 .       +       .

ID=Smp_021540;geneID=Smp_021540;gene_name=Smp_021540;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
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ied=2022-08-13;Name=Smp_021540.1;product=Splicing factor
1;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    5980616 5980753 .       +       .
        Parent=Smp_021540.1;Name=f5d995b1-
ca20-4268-94fa-53684d3bc832
SM_V9_PAR1      iris    exon    5980793 5980915 .       +       .

Parent=Smp_021540.1;Name=41cfc790-7c6a-45ec-964a-691d8cf9e0ed
SM_V9_PAR1      iris    exon    5980952 5981027 .       +       .

Parent=Smp_021540.1;Name=6fed440b-323e-4bd4-9934-6cc9cb26433f
SM_V9_PAR1      iris    exon    5981316 5981468 .       +       .
        Parent=Smp_021540.1;Name=d1173f9e-b4d4-4e83-960f-
cf4030f4ec34
SM_V9_PAR1      iris    exon    5981501 5981621 .       +       .
        Parent=Smp_021540.1;Name=bdbec229-1e39-4a0c-8280-
f0f5c98e2e0b
SM_V9_PAR1      iris    exon    5984262 5984601 .       +       .
        Parent=Smp_021540.1;Name=861839b4-
dd1c-4717-80bc-9c41873895b2
SM_V9_PAR1      iris    exon    5985494 5985652 .       +       .
        Parent=Smp_021540.1;Name=6c4050d5-ead7-4796-aec6-
cb5cc0d17d8b
SM_V9_PAR1      iris    exon    5987586 5988032 .       +       .
        Parent=Smp_021540.1;Name=c0111912-ee69-4bf6-bdf6-
a4d421193fed
SM_V9_PAR1      iris    exon    5993538 5994440 .       +       .
        Parent=Smp_021540.1;Name=381404dd-1a25-43ff-8ffe-
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SM_V9_PAR1      iris    CDS     5980672 5980753 .       +       0
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5980793 5980915 .       +       2
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5980952 5981027 .       +       2
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5981316 5981468 .       +       1
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5981501 5981621 .       +       1
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5984262 5984601 .       +       0
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5985494 5985652 .       +       2
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5987586 5988032 .       +       2
        Parent=Smp_021540.1
SM_V9_PAR1      iris    CDS     5993538 5993659 .       +       2
        Parent=Smp_021540.1
SM_V9_PAR1      iris    gene    5994284 6084171 .       -       .

ID=Smp_342820;geneID=Smp_342820;gene_name=Smp_342820;owner=irisadmin
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@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
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ID=Smp_342820.1;Parent=Smp_342820;geneID=Smp_342820;gene_name=Smp_34
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ied=2022-08-13;Name=Smp_342820.1;product=Lipoxygenase homology
domain-containing protein 1;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    5994284 5994481 .       -       .

Parent=Smp_342820.1;Name=93f1a94b-8508-4fd9-8b8d-312acc7f6032
SM_V9_PAR1      iris    exon    5995659 5995724 .       -       .

Parent=Smp_342820.1;Name=f4947d99-84bb-4a8c-9246-1c5a6d2b3ce4
SM_V9_PAR1      iris    exon    5997919 5997984 .       -       .

Parent=Smp_342820.1;Name=9463ca0a-7a6d-42cc-87a9-7b9eacf02080
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b83b-0ba0e5fcca90
SM_V9_PAR1      iris    exon    6004262 6004317 .       -       .
        Parent=Smp_342820.1;Name=a425d9ad-e539-48d8-
a911-436f9da3ea3b
SM_V9_PAR1      iris    exon    6004631 6004800 .       -       .

Parent=Smp_342820.1;Name=5bd4f669-76b3-4463-8648-8c84431207fc
SM_V9_PAR1      iris    exon    6008195 6008575 .       -       .

Parent=Smp_342820.1;Name=4600d75f-1423-4064-860f-8283065f7a95
SM_V9_PAR1      iris    exon    6011633 6011725 .       -       .

Parent=Smp_342820.1;Name=ade83604-81d0-449f-83a5-1d93e437eef1
SM_V9_PAR1      iris    exon    6016852 6017012 .       -       .
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aa0e-4ba5322d02ff
SM_V9_PAR1      iris    exon    6020292 6020618 .       -       .
        Parent=Smp_342820.1;Name=d105383d-
fb92-41e1-9c30-51a8113c2781
SM_V9_PAR1      iris    exon    6023223 6023403 .       -       .
        Parent=Smp_342820.1;Name=216450f0-a61e-4cd8-917f-
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SM_V9_PAR1      iris    exon    6026291 6026551 .       -       .
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a5c65770b23e
SM_V9_PAR1      iris    exon    6028098 6028297 .       -       .
        Parent=Smp_342820.1;Name=933489c0-64d6-436e-
bfc5-23e41a983b49
SM_V9_PAR1      iris    exon    6030085 6030357 .       -       .
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b6aa62f70718
SM_V9_PAR1      iris    exon    6038481 6038912 .       -       .
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eff2cd252798
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SM_V9_PAR1      iris    exon    6044112 6044502 .       -       .
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e2a00825eb0a
SM_V9_PAR1      iris    exon    6045462 6045727 .       -       .
        Parent=Smp_342820.1;Name=c6f9f93c-69a7-4824-814f-
edf746561a50
SM_V9_PAR1      iris    exon    6053198 6053423 .       -       .
        Parent=Smp_342820.1;Name=57d0be36-d1d8-46d6-b637-
ec6ba2f8eb7a
SM_V9_PAR1      iris    exon    6084000 6084171 .       -       .

Parent=Smp_342820.1;Name=148e234c-885e-4c46-9f12-7fc6e2c27655
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SM_V9_PAR1      iris    CDS     5995659 5995724 .       -       2
        Parent=Smp_342820.1
SM_V9_PAR1      iris    CDS     5997919 5997984 .       -       2
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SM_V9_PAR1      iris    CDS     6000127 6000213 .       -       2
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SM_V9_PAR1      iris    CDS     6004631 6004800 .       -       0
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SM_V9_PAR1      iris    CDS     6008195 6008575 .       -       0
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SM_V9_PAR1      iris    CDS     6011633 6011725 .       -       0
        Parent=Smp_342820.1
SM_V9_PAR1      iris    CDS     6016852 6017012 .       -       2
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        Parent=Smp_342820.1
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SM_V9_PAR1      iris    CDS     6038481 6038912 .       -       0
        Parent=Smp_342820.1
SM_V9_PAR1      iris    CDS     6042246 6042409 .       -       2
        Parent=Smp_342820.1
SM_V9_PAR1      iris    CDS     6044112 6044502 .       -       0
        Parent=Smp_342820.1
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SM_V9_PAR1      iris    CDS     6053198 6053423 .       -       0
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SM_V9_PAR1      iris    CDS     6084000 6084116 .       -       0
        Parent=Smp_342820.1
SM_V9_PAR1      iris    gene    6105466 6115807 .       +       .

ID=Smp_133830;geneID=Smp_133830;gene_name=Smp_133830;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    6105466 6115807 .       +       .

ID=Smp_133830.1;Parent=Smp_133830;geneID=Smp_133830;gene_name=Smp_13
3830;owner=irisadmin@local.host;orig_id=Smp_133830.1;date_last_modif
ied=2022-07-17;Name=Smp_133830.1;product=Cytochrome P450
26A1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    6105466 6105551 .       +       .

Parent=Smp_133830.1;Name=c239a31d-7584-4a1a-80c0-0d4075d37f96
SM_V9_PAR1      iris    exon    6114384 6115807 .       +       .

Parent=Smp_133830.1;Name=dfefce8b-7cb2-41f2-84c6-0f0bccbd58ad
SM_V9_PAR1      iris    CDS     6114384 6114953 .       +       0
        Parent=Smp_133830.1
SM_V9_PAR1      iris    gene    6172435 6198812 .       -       .

ID=Smp_133820;geneID=Smp_133820;gene_name=Smp_133820;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    6172435 6198812 .       -       .

ID=Smp_133820.1;Parent=Smp_133820;geneID=Smp_133820;gene_name=Smp_13
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ied=2022-08-13;Name=Smp_133820.1;product=Peptidylprolyl isomerase
domain and WD repeat-containing protein 1;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    6172435 6172908 .       -       .
        Parent=Smp_133820.1;Name=96ecd6f4-5a86-4e80-
be1f-7c05fef6e714
SM_V9_PAR1      iris    exon    6174309 6174460 .       -       .
        Parent=Smp_133820.1;Name=729e04cd-2232-45d3-
a085-3b0d86688ea8
SM_V9_PAR1      iris    exon    6176004 6176293 .       -       .

Parent=Smp_133820.1;Name=f985b413-0f5e-4384-9cf0-986b1b00d85c
SM_V9_PAR1      iris    exon    6180891 6181260 .       -       .
        Parent=Smp_133820.1;Name=212416c5-9246-4368-b82c-
bd633439e110
SM_V9_PAR1      iris    exon    6182315 6182408 .       -       .
        Parent=Smp_133820.1;Name=5fe06633-b1b1-4e84-b9de-
d9648f40d66f
SM_V9_PAR1      iris    exon    6184379 6184459 .       -       .

Parent=Smp_133820.1;Name=c6dd62d1-7c62-4c4c-88c3-264306f0a09c
SM_V9_PAR1      iris    exon    6187047 6187265 .       -       .
        Parent=Smp_133820.1;Name=3d20bd32-2624-4448-
be32-6449126aac70
SM_V9_PAR1      iris    exon    6189483 6189588 .       -       .
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        Parent=Smp_133820.1;Name=b5381a35-
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SM_V9_PAR1      iris    exon    6191429 6191516 .       -       .
        Parent=Smp_133820.1;Name=b03e8b60-0e4c-46a0-9cd2-
d7226dfa242c
SM_V9_PAR1      iris    exon    6192609 6192704 .       -       .
        Parent=Smp_133820.1;Name=fd02becc-
faac-4df0-89f8-708962a961ed
SM_V9_PAR1      iris    exon    6193984 6194087 .       -       .
        Parent=Smp_133820.1;Name=96d04d0c-1724-47d0-
bb0e-307cbbe4cf76
SM_V9_PAR1      iris    exon    6194635 6194737 .       -       .
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SM_V9_PAR1      iris    exon    6195268 6195454 .       -       .
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a8ee-64b700231c0c
SM_V9_PAR1      iris    exon    6198761 6198812 .       -       .

Parent=Smp_133820.1;Name=ec894ccd-8558-423a-8098-99866620b46e
SM_V9_PAR1      iris    CDS     6172747 6172908 .       -       0
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SM_V9_PAR1      iris    CDS     6174309 6174460 .       -       2
        Parent=Smp_133820.1
SM_V9_PAR1      iris    CDS     6176004 6176293 .       -       1
        Parent=Smp_133820.1
SM_V9_PAR1      iris    CDS     6180891 6181260 .       -       2
        Parent=Smp_133820.1
SM_V9_PAR1      iris    CDS     6182315 6182408 .       -       0
        Parent=Smp_133820.1
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        Parent=Smp_133820.1
SM_V9_PAR1      iris    CDS     6187047 6187265 .       -       0
        Parent=Smp_133820.1
SM_V9_PAR1      iris    CDS     6189483 6189588 .       -       1
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SM_V9_PAR1      iris    CDS     6191429 6191516 .       -       2
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SM_V9_PAR1      iris    CDS     6192609 6192704 .       -       2
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SM_V9_PAR1      iris    CDS     6193984 6194087 .       -       1
        Parent=Smp_133820.1
SM_V9_PAR1      iris    CDS     6194635 6194737 .       -       2
        Parent=Smp_133820.1
SM_V9_PAR1      iris    CDS     6195268 6195451 .       -       0
        Parent=Smp_133820.1
SM_V9_PAR1      iris    gene    6348607 6431992 .       +       .

ID=Smp_336370;geneID=Smp_336370;gene_name=Smp_336370;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    6348607 6431992 .       +       .

ID=Smp_336370.1;Parent=Smp_336370;geneID=Smp_336370;gene_name=Smp_33
6370;owner=irisadmin@local.host;orig_id=Smp_336370.1;date_last_modif
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ied=2022-08-13;Name=Smp_336370.1;product=Protocadherin-11 X-
linked;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    6348607 6350350 .       +       .

Parent=Smp_336370.1;Name=19617090-16e3-4dc5-8cb0-4254acabffc4
SM_V9_PAR1      iris    exon    6384779 6385279 .       +       .

Parent=Smp_336370.1;Name=44773a3f-8b9a-4bcc-81a2-53b5bc39ddce
SM_V9_PAR1      iris    exon    6394444 6394833 .       +       .
        Parent=Smp_336370.1;Name=871af122-a307-4478-
a76b-359314a55f06
SM_V9_PAR1      iris    exon    6396952 6397140 .       +       .
        Parent=Smp_336370.1;Name=3cb85fd1-3d58-45f4-
bc2f-2f67fbc75fd0
SM_V9_PAR1      iris    exon    6400041 6400922 .       +       .
        Parent=Smp_336370.1;Name=6e84a972-259c-45e8-8209-
d1d5288f19db
SM_V9_PAR1      iris    exon    6431325 6431992 .       +       .
        Parent=Smp_336370.1;Name=5ed28d6b-2ee9-4b7b-
bb8a-571ef9bcb03a
SM_V9_PAR1      iris    CDS     6348767 6350350 .       +       0
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SM_V9_PAR1      iris    CDS     6384779 6385279 .       +       0
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SM_V9_PAR1      iris    CDS     6394444 6394833 .       +       0
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SM_V9_PAR1      iris    CDS     6396952 6397140 .       +       0
        Parent=Smp_336370.1
SM_V9_PAR1      iris    CDS     6400041 6400922 .       +       0
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SM_V9_PAR1      iris    CDS     6431325 6431759 .       +       0
        Parent=Smp_336370.1
SM_V9_PAR1      iris    gene    6469880 6471855 .       -       .

ID=Smp_064590;geneID=Smp_064590;gene_name=Smp_064590;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    6469880 6471855 .       -       .

ID=Smp_064590.1;Parent=Smp_064590;geneID=Smp_064590;gene_name=Smp_06
4590;owner=irisadmin@local.host;orig_id=Smp_064590.2;date_last_modif
ied=2022-08-13;Name=Smp_064590.1;product=RNA-binding protein
39;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    6469880 6470511 .       -       .
        Parent=Smp_064590.1;Name=f1544449-94b6-4c6b-
b605-82e757e63a48
SM_V9_PAR1      iris    exon    6470546 6471092 .       -       .
        Parent=Smp_064590.1;Name=c44c2c79-2cc4-49f0-
b5c6-1675c6c7ffcb
SM_V9_PAR1      iris    exon    6471131 6471289 .       -       .
        Parent=Smp_064590.1;Name=30757100-b4d5-4ea9-9b7a-
e7101a5a975b
SM_V9_PAR1      iris    exon    6471328 6471392 .       -       .
        Parent=Smp_064590.1;Name=5cfa0321-13cb-4c0e-8f4d-
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SM_V9_PAR1      iris    exon    6471662 6471855 .       -       .
        Parent=Smp_064590.1;Name=e81b54c0-2bb8-434c-8843-
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SM_V9_PAR1      iris    CDS     6469945 6470511 .       -       0
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SM_V9_PAR1      iris    CDS     6470546 6471092 .       -       1
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        Parent=Smp_064590.1
SM_V9_PAR1      iris    CDS     6471328 6471392 .       -       0
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SM_V9_PAR1      iris    CDS     6471662 6471715 .       -       0
        Parent=Smp_064590.1
SM_V9_PAR1      Liftoff gene    6486269 6490561 .       +       .
        ID=Smp_064600;geneID=Smp_064600
SM_V9_PAR1      Liftoff mRNA    6486269 6490561 .       +       .

ID=Smp_064600.1;Parent=Smp_064600;geneID=Smp_064600;product=Sjoegren
syndrome/scleroderma autoantigen 1
homolog;polypeptide_domain=InterPro:IPR009563 Pfam:PF06677
SM_V9_PAR1      Liftoff exon    6486269 6486401 .       +       .
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff exon    6487793 6487960 .       +       .
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff exon    6488000 6488172 .       +       .
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff exon    6490050 6490561 .       +       .
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff CDS     6486399 6486401 .       +       0
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff CDS     6487793 6487960 .       +       0
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff CDS     6488000 6488172 .       +       0
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff CDS     6490050 6490287 .       +       1
        Parent=Smp_064600.1
SM_V9_PAR1      Liftoff gene    6493375 6503765 .       -       .
        ID=Smp_156990;geneID=Smp_156990
SM_V9_PAR1      Liftoff mRNA    6493375 6503765 .       -       .

ID=Smp_156990.1;Parent=Smp_156990;geneID=Smp_156990;product=Cyclin-
dependent kinase
8;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR01744
1 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR1      Liftoff exon    6493375 6493588 .       -       .
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SM_V9_PAR1      Liftoff exon    6494287 6494517 .       -       .
        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff exon    6495605 6495989 .       -       .
        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff exon    6496893 6496990 .       -       .
        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff exon    6498686 6498831 .       -       .
        Parent=Smp_156990.1
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SM_V9_PAR1      Liftoff exon    6499298 6499631 .       -       .
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SM_V9_PAR1      Liftoff exon    6501210 6501461 .       -       .
        Parent=Smp_156990.1
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        Parent=Smp_156990.1
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        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff CDS     6494287 6494517 .       -       0
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SM_V9_PAR1      Liftoff CDS     6495605 6495989 .       -       1
        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff CDS     6496893 6496990 .       -       0
        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff CDS     6498686 6498831 .       -       2
        Parent=Smp_156990.1
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        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff CDS     6501210 6501461 .       -       0
        Parent=Smp_156990.1
SM_V9_PAR1      Liftoff CDS     6501513 6501719 .       -       0
        Parent=Smp_156990.1
SM_V9_PAR1      iris    gene    6514770 6555715 .       -       .

ID=Smp_157000;geneID=Smp_157000;gene_name=Smp_157000;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    6514770 6555715 .       -       .

ID=Smp_157000.1;Parent=Smp_157000;geneID=Smp_157000;gene_name=Smp_15
7000;owner=irisadmin@local.host;orig_id=Smp_157000.1;date_last_modif
ied=2022-07-17;Name=Smp_157000.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    6514770 6515840 .       -       .
        Parent=Smp_157000.1;Name=7dd1fa0b-64d6-4946-
b8d0-1620b520b4cb
SM_V9_PAR1      iris    exon    6524585 6524952 .       -       .
        Parent=Smp_157000.1;Name=1fc0b248-91e9-4186-
ba04-6dee16105bb2
SM_V9_PAR1      iris    exon    6528732 6528859 .       -       .
        Parent=Smp_157000.1;Name=75be3319-83e2-4ada-
a9de-049c307e8b75
SM_V9_PAR1      iris    exon    6542588 6542690 .       -       .
        Parent=Smp_157000.1;Name=175dafdb-1c4b-431c-b406-
fae598547c8d
SM_V9_PAR1      iris    exon    6544567 6544702 .       -       .
        Parent=Smp_157000.1;Name=706c5332-3d24-4edd-a0fd-
fbc9efe63ac0
SM_V9_PAR1      iris    exon    6553250 6553453 .       -       .
        Parent=Smp_157000.1;Name=4b82e739-16dd-4122-
bbe7-8fedff9a55fe
SM_V9_PAR1      iris    exon    6555441 6555715 .       -       .
        Parent=Smp_157000.1;Name=a29ad19d-af1b-45a3-
b519-87430689ef16
SM_V9_PAR1      iris    CDS     6515365 6515840 .       -       2
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SM_V9_PAR1      iris    CDS     6524585 6524952 .       -       1
        Parent=Smp_157000.1
SM_V9_PAR1      iris    CDS     6528732 6528859 .       -       0
        Parent=Smp_157000.1
SM_V9_PAR1      iris    CDS     6542588 6542690 .       -       1
        Parent=Smp_157000.1
SM_V9_PAR1      iris    CDS     6544567 6544702 .       -       2
        Parent=Smp_157000.1
SM_V9_PAR1      iris    CDS     6553250 6553430 .       -       0
        Parent=Smp_157000.1
SM_V9_PAR1      iris    gene    6565529 6576560 .       -       .

ID=Smp_191360;geneID=Smp_191360;gene_name=Smp_191360;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    6565529 6576560 .       -       .

ID=Smp_191360.1;Parent=Smp_191360;geneID=Smp_191360;gene_name=Smp_19
1360;owner=irisadmin@local.host;orig_id=Smp_191360.1;date_last_modif
ied=2022-10-01;Name=Smp_191360.1;product=GTPase
Obg;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    6565529 6566169 .       -       .
        Parent=Smp_191360.1;Name=dd88f902-729f-4d61-b864-
babb6dcc6fe4
SM_V9_PAR1      iris    exon    6569014 6569557 .       -       .
        Parent=Smp_191360.1;Name=cddf9f45-493e-4bc1-addb-
ff4c35518dc7
SM_V9_PAR1      iris    exon    6570645 6570760 .       -       .
        Parent=Smp_191360.1;Name=ae041983-
ea06-4ab0-954f-5ca6e81c3909
SM_V9_PAR1      iris    exon    6573302 6573449 .       -       .
        Parent=Smp_191360.1;Name=c197771a-612e-4e99-a29d-
e1d2652b7dfc
SM_V9_PAR1      iris    exon    6576401 6576560 .       -       .
        Parent=Smp_191360.1;Name=bb64f703-82fb-4b84-b0e3-
e672c0500ab9
SM_V9_PAR1      iris    CDS     6565658 6566169 .       -       2
        Parent=Smp_191360.1
SM_V9_PAR1      iris    CDS     6569014 6569557 .       -       0
        Parent=Smp_191360.1
SM_V9_PAR1      iris    CDS     6570645 6570760 .       -       2
        Parent=Smp_191360.1
SM_V9_PAR1      iris    CDS     6573302 6573449 .       -       0
        Parent=Smp_191360.1
SM_V9_PAR1      iris    CDS     6576401 6576535 .       -       0
        Parent=Smp_191360.1
SM_V9_PAR1      iris    gene    6577773 6578423 .       -       .

ID=Smp_350390;geneID=Smp_350390;gene_name=Smp_350390;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_PAR1      iris    mRNA    6577773 6578423 .       -       .

ID=Smp_350390.1;Parent=Smp_350390;geneID=Smp_350390;gene_name=Smp_35
0390;owner=irisadmin@local.host;date_last_modified=2022-10-01;Name=S
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mp_350390.1;date_creation=2022-10-01
SM_V9_PAR1      iris    exon    6577773 6578423 .       -       .
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SM_V9_PAR1      iris    CDS     6577797 6578390 .       -       0
        Parent=Smp_350390.1
SM_V9_PAR1      Liftoff gene    6589229 6600239 .       +       .
        ID=Smp_064640;geneID=Smp_064640
SM_V9_PAR1      Liftoff mRNA    6589229 6600239 .       +       .

ID=Smp_064640.1;Parent=Smp_064640;geneID=Smp_064640;product=tRNA
selenocysteine 1-associated protein
1;polypeptide_domain=InterPro:IPR000504,IPR034510
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_PAR1      Liftoff exon    6589229 6590661 .       +       .
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff exon    6590701 6590895 .       +       .
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff exon    6594235 6594287 .       +       .
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff exon    6594322 6594422 .       +       .
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff exon    6594472 6594684 .       +       .
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        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff exon    6599984 6600239 .       +       .
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff CDS     6590626 6590661 .       +       0
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SM_V9_PAR1      Liftoff CDS     6590701 6590895 .       +       0
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff CDS     6594235 6594287 .       +       0
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SM_V9_PAR1      Liftoff CDS     6594322 6594422 .       +       1
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff CDS     6594472 6594684 .       +       2
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff CDS     6596471 6596782 .       +       2
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff CDS     6599984 6600120 .       +       2
        Parent=Smp_064640.1
SM_V9_PAR1      Liftoff gene    6605239 6622523 .       +       .
        ID=Smp_064650;geneID=Smp_064650
SM_V9_PAR1      Liftoff mRNA    6605239 6622523 .       +       .

ID=Smp_064650.1;Parent=Smp_064650;geneID=Smp_064650;product=REST
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4 Pfam:PF01448;Ontology_term=GO:0003677
SM_V9_PAR1      Liftoff exon    6605239 6605352 .       +       .
        Parent=Smp_064650.1
SM_V9_PAR1      Liftoff exon    6609240 6609414 .       +       .
        Parent=Smp_064650.1
SM_V9_PAR1      Liftoff exon    6611396 6611573 .       +       .
        Parent=Smp_064650.1
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SM_V9_PAR1	Liftoff	CDS	7571032	7571210	.	+	0
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SM_V9_PAR1	Liftoff	CDS	7571776	7571960	.	+	1
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SM_V9_PAR1	Liftoff	CDS	7574947	7575235	.	+	2
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SM_V9_PAR1	Liftoff	CDS	7580301	7580591	.	+	0
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SM_V9_PAR1	Liftoff	CDS	7581751	7581921	.	+	0
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SM_V9_PAR1	Liftoff	CDS	7582998	7583260	.	+	0
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SM_V9_PAR1	Liftoff	CDS	7588099	7588230	.	+	0
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SM_V9_PAR1	Liftoff	CDS	7614102	7614412	.	+	2
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SM_V9_PAR1	Liftoff	CDS	7616870	7616881	.	+	0
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        Parent=Smp_332830.1
SM_V9_PAR1      iris    CDS     7739170 7739309 .       +       2
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SM_V9_PAR1      iris    CDS     7794839 7795037 .       -       1
        Parent=Smp_145810.1
SM_V9_PAR1      iris    CDS     7797832 7798145 .       -       0
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SM_V9_PAR1      iris    CDS     7800133 7800198 .       -       0
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SM_V9_PAR1      iris    CDS     7800235 7800331 .       -       1
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SM_V9_PAR1      iris    CDS     7800379 7800551 .       -       0
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SM_V9_PAR1      iris    CDS     7800595 7800750 .       -       0
        Parent=Smp_145810.1
SM_V9_PAR1      Liftoff gene    7816477 7818123 .       +       .

ID=Smp_043910;geneID=Smp_043910;previous_systematic_id=Smp_043920
SM_V9_PAR1      Liftoff mRNA    7816477 7818123 .       +       .

ID=Smp_043910.1;Parent=Smp_043910;geneID=Smp_043910;product=Probable
tubulin polyglutamylase TTLL1;polypeptide_domain=InterPro:IPR004344
Pfam:PF03133;Ontology_term=GO:0006464
SM_V9_PAR1      Liftoff exon    7816477 7816704 .       +       .
        Parent=Smp_043910.1
SM_V9_PAR1      Liftoff exon    7816740 7818123 .       +       .
        Parent=Smp_043910.1
SM_V9_PAR1      Liftoff CDS     7816528 7816704 .       +       0
        Parent=Smp_043910.1
SM_V9_PAR1      Liftoff CDS     7816740 7817873 .       +       0
        Parent=Smp_043910.1
SM_V9_PAR1      Liftoff gene    7819363 7825053 .       -       .

ID=Smp_335010;geneID=Smp_335010;previous_systematic_id=Smp_043930
SM_V9_PAR1      Liftoff mRNA    7819363 7825053 .       -       .

ID=Smp_335010.1;Parent=Smp_335010;geneID=Smp_335010;product=Metallo-
beta-lactamase domain-containing protein
1;polypeptide_domain=InterPro:IPR001279 Pfam:PF00753
SM_V9_PAR1      Liftoff exon    7819363 7825053 .       -       .
        Parent=Smp_335010.1
SM_V9_PAR1      Liftoff CDS     7819690 7820292 .       -       0
        Parent=Smp_335010.1
SM_V9_PAR1      Liftoff mRNA    7822943 7825053 .       -       .

ID=Smp_335010.2;Parent=Smp_335010;geneID=Smp_335010;product=Glutamin
e--fructose-6-phosphate aminotransferase [isomerizing]
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SM_V9_PAR1      Liftoff exon    7822943 7825053 .       -       .
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SM_V9_PAR1      Liftoff CDS     7823406 7823591 .       -       0
        Parent=Smp_335010.2
SM_V9_PAR1      iris    gene    7830737 7835861 .       +       .

ID=Smp_043940;geneID=Smp_043940;gene_name=Smp_043940;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
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ID=Smp_043940.1;Parent=Smp_043940;geneID=Smp_043940;gene_name=Smp_04
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ied=2022-08-19;Name=Smp_043940.1;product=Synaptosomal-associated
protein 29;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    7830737 7830882 .       +       .
        Parent=Smp_043940.1;Name=16ff085b-e852-48c4-9c20-
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SM_V9_PAR1      iris    exon    7831843 7832081 .       +       .
        Parent=Smp_043940.1;Name=582b88d8-68bf-4499-
bf6a-641e0599e8cb
SM_V9_PAR1      iris    exon    7834067 7834202 .       +       .
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SM_V9_PAR1      iris    exon    7835390 7835861 .       +       .

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        Parent=Smp_043940.1
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        Parent=Smp_043940.1
SM_V9_PAR1      iris    CDS     7835390 7835617 .       +       0
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SM_V9_PAR1      iris    gene    7837984 7863913 .       -       .

ID=Smp_343880;geneID=Smp_343880;gene_name=Smp_343880;owner=irisadmin
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SM_V9_PAR1      iris    mRNA    7837984 7863913 .       -       .

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ied=2022-08-19;Name=Smp_343880.1;product=Centriolar coiled-coil
protein of 110 kDa;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    7837984 7838730 .       -       .
        Parent=Smp_343880.1;Name=a397840a-8622-4386-895e-
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SM_V9_PAR1      iris    exon    7842919 7843381 .       -       .

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SM_V9_PAR1      iris    exon    7845380 7845463 .       -       .
        Parent=Smp_343880.1;Name=3a5665ac-5617-4257-ab22-
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SM_V9_PAR1      iris    exon    7849228 7849499 .       -       .
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SM_V9_PAR1      iris    exon    7854378 7854494 .       -       .
        Parent=Smp_343880.1;Name=173eefb3-bc1d-4f26-
b661-9b86488e95f6
SM_V9_PAR1      iris    exon    7857499 7857600 .       -       .

Parent=Smp_343880.1;Name=dd629b5e-2ab3-4f82-830f-612c9379b73b
SM_V9_PAR1      iris    exon    7858460 7858747 .       -       .

Parent=Smp_343880.1;Name=c88630cd-5497-445a-91b0-5ff57173c9cd
SM_V9_PAR1      iris    exon    7859990 7860262 .       -       .
        Parent=Smp_343880.1;Name=37145eeb-1ce4-4bcb-
b2d8-545c3ab61d2f
SM_V9_PAR1      iris    exon    7861270 7861353 .       -       .

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SM_V9_PAR1      iris    exon    7863602 7863703 .       -       .
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SM_V9_PAR1      iris    exon    7863737 7863913 .       -       .
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SM_V9_PAR1      iris    CDS     7863737 7863874 .       -       0
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SM_V9_PAR1      Liftoff gene    7871051 7875815 .       +       .
        ID=Smp_043970;geneID=Smp_043970
SM_V9_PAR1      Liftoff mRNA    7871051 7875815 .       +       .

ID=Smp_043970.1;Parent=Smp_043970;geneID=Smp_043970;product=DnaJ
homolog subfamily C member 8;polypeptide_domain=InterPro:IPR001623
Pfam:PF00226
SM_V9_PAR1      Liftoff exon    7871051 7871255 .       +       .
        Parent=Smp_043970.1
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SM_V9_PAR1      Liftoff exon    7871381 7871447 .       +       .
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SM_V9_PAR1      Liftoff exon    7871484 7871578 .       +       .
        Parent=Smp_043970.1
SM_V9_PAR1      Liftoff exon    7871614 7871685 .       +       .
        Parent=Smp_043970.1
SM_V9_PAR1      Liftoff exon    7871717 7871808 .       +       .
        Parent=Smp_043970.1
SM_V9_PAR1      Liftoff exon    7872347 7872422 .       +       .
        Parent=Smp_043970.1
SM_V9_PAR1      Liftoff exon    7875505 7875815 .       +       .
        Parent=Smp_043970.1
SM_V9_PAR1      Liftoff CDS     7871103 7871255 .       +       0
        Parent=Smp_043970.1
SM_V9_PAR1      Liftoff CDS     7871290 7871346 .       +       0
        Parent=Smp_043970.1
SM_V9_PAR1      Liftoff CDS     7871381 7871447 .       +       0
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SM_V9_PAR1      Liftoff CDS     7871484 7871578 .       +       2
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SM_V9_PAR1      Liftoff CDS     7871614 7871685 .       +       0
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SM_V9_PAR1      Liftoff CDS     7871717 7871808 .       +       0
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SM_V9_PAR1      Liftoff CDS     7872347 7872422 .       +       1
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SM_V9_PAR1      Liftoff CDS     7875505 7875624 .       +       0
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ID=Smp_169480;geneID=Smp_169480;gene_name=Smp_169480;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    7876188 7945284 .       -       .

ID=Smp_169480.2;Parent=Smp_169480;geneID=Smp_169480;gene_name=Smp_16
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ied=2022-07-18;Name=Smp_169480.2;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    7876188 7876649 .       -       .
        Parent=Smp_169480.2;Name=5b931d0a-3760-463f-ac53-
eb7063dcf5ce
SM_V9_PAR1      iris    exon    7877298 7877550 .       -       .
        Parent=Smp_169480.2;Name=8fa91ea5-91d7-49dd-ac98-
d7f97df516ef
SM_V9_PAR1      iris    exon    7879185 7879366 .       -       .
        Parent=Smp_169480.2;Name=8171b687-496b-45e9-
aa78-90066b74c43b
SM_V9_PAR1      iris    exon    7883473 7884005 .       -       .
        Parent=Smp_169480.2;Name=5974f5e3-6c71-4579-
bbcf-062739df5848
SM_V9_PAR1      iris    exon    7885574 7885900 .       -       .
        Parent=Smp_169480.2;Name=4c6ca43f-c5dc-4605-
a5c2-85b11fd78012
SM_V9_PAR1      iris    exon    7888426 7888866 .       -       .
        Parent=Smp_169480.2;Name=5c1f4a21-
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ca12-40a4-96c4-1e50f160b776
SM_V9_PAR1      iris    exon    7891275 7891626 .       -       .
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a195-46be-9b59-6b8b969fc2e4
SM_V9_PAR1      iris    exon    7894555 7895018 .       -       .
        Parent=Smp_169480.2;Name=ad7ce83e-6bb0-4964-8f44-
b1596b408cab
SM_V9_PAR1      iris    exon    7906432 7906789 .       -       .
        Parent=Smp_169480.2;Name=c99a041e-7b97-4f7b-
a77e-8423c01afc66
SM_V9_PAR1      iris    exon    7923531 7924631 .       -       .
        Parent=Smp_169480.2;Name=59cc5ac3-9af9-47c4-8826-
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SM_V9_PAR1      iris    exon    7933664 7934607 .       -       .
        Parent=Smp_169480.2;Name=231dca0b-3a24-41f4-a0dc-
a88b72ebd263
SM_V9_PAR1      iris    exon    7945115 7945284 .       -       .
        Parent=Smp_169480.2;Name=fb08eb01-9e85-4e29-
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        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7877298 7877550 .       -       1
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7879185 7879366 .       -       0
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7883473 7884005 .       -       2
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7885574 7885900 .       -       2
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7888426 7888866 .       -       2
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7891275 7891626 .       -       0
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7894555 7895018 .       -       2
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7906432 7906789 .       -       0
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7923531 7924631 .       -       0
        Parent=Smp_169480.2
SM_V9_PAR1      iris    CDS     7933664 7934581 .       -       0
        Parent=Smp_169480.2
SM_V9_PAR1      iris    mRNA    7876188 7988873 .       -       .

ID=Smp_169480.1;Parent=Smp_169480;geneID=Smp_169480;gene_name=Smp_16
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ied=2022-07-18;Name=Smp_169480.1;product=Platelet-derived growth
factor receptor beta;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    7876188 7876649 .       -       .
        Parent=Smp_169480.1;Name=Smp_169480.1-CDS
SM_V9_PAR1      iris    exon    7877298 7877550 .       -       .

Parent=Smp_169480.1;Name=8b5d6bd8-3368-49bc-955e-40ea03e2c30f
SM_V9_PAR1      iris    exon    7879185 7879366 .       -       .
        Parent=Smp_169480.1;Name=5e85f79a-9cd9-45b2-
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b145-969923f3fbd5
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d8310e53b094
SM_V9_PAR1      iris    exon    7885574 7885900 .       -       .

Parent=Smp_169480.1;Name=f80d64cb-5117-455d-8666-8e49d6feafdb
SM_V9_PAR1      iris    exon    7888426 7888866 .       -       .
        Parent=Smp_169480.1;Name=11700770-1cfe-46e9-
b1b2-15a36478612b
SM_V9_PAR1      iris    exon    7891275 7891626 .       -       .
        Parent=Smp_169480.1;Name=994cb3d7-b815-4275-
b08e-90cf66fb881a
SM_V9_PAR1      iris    exon    7894555 7895018 .       -       .
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SM_V9_PAR1      iris    exon    7906432 7906789 .       -       .
        Parent=Smp_169480.1;Name=98128dc7-a853-468a-b431-
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SM_V9_PAR1      iris    exon    7923531 7924631 .       -       .
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SM_V9_PAR1      iris    exon    7933664 7934607 .       -       .
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a569-519c6063e295
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SM_V9_PAR1      iris    CDS     7879185 7879366 .       -       0
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7883473 7884005 .       -       2
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7885574 7885900 .       -       2
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7888426 7888866 .       -       2
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7891275 7891626 .       -       0
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7894555 7895018 .       -       2
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7906432 7906789 .       -       0
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7923531 7924631 .       -       0
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7933664 7934607 .       -       2
        Parent=Smp_169480.1
SM_V9_PAR1      iris    CDS     7988381 7988660 .       -       0
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SM_V9_PAR1      iris    gene    8059844 8064273 .       -       .
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ID=Smp_028940;geneID=Smp_028940;gene_name=Smp_028940;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    8059844 8064273 .       -       .

ID=Smp_028940.1;Parent=Smp_028940;geneID=Smp_028940;gene_name=Smp_02
8940;owner=irisadmin@local.host;orig_id=Smp_028940.1;date_last_modif
ied=2022-07-17;Name=Smp_028940.1;product=Trafficking protein
particle complex subunit 4;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    8059844 8061105 .       -       .

Parent=Smp_028940.1;Name=227f4f2f-5ec5-4990-996d-464151914a57
SM_V9_PAR1      iris    exon    8063726 8064273 .       -       .
        Parent=Smp_028940.1;Name=bee5ab36-deca-4fe5-
b416-3c17cc3b6356
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SM_V9_PAR1      iris    CDS     8063726 8063977 .       -       0
        Parent=Smp_028940.1
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        ID=Smp_028930;geneID=Smp_028930
SM_V9_PAR1      Liftoff mRNA    8078307 8082716 .       +       .

ID=Smp_028930.1;Parent=Smp_028930;geneID=Smp_028930;product=Thioredo
xin domain-containing protein
9;polypeptide_domain=InterPro:IPR012336,IPR013766
Pfam:PF00085;Ontology_term=GO:0045454
SM_V9_PAR1      Liftoff exon    8078307 8078528 .       +       .
        Parent=Smp_028930.1
SM_V9_PAR1      Liftoff exon    8078569 8078631 .       +       .
        Parent=Smp_028930.1
SM_V9_PAR1      Liftoff exon    8081470 8082716 .       +       .
        Parent=Smp_028930.1
SM_V9_PAR1      Liftoff CDS     8078526 8078528 .       +       0
        Parent=Smp_028930.1
SM_V9_PAR1      Liftoff CDS     8078569 8078631 .       +       0
        Parent=Smp_028930.1
SM_V9_PAR1      Liftoff CDS     8081470 8082210 .       +       0
        Parent=Smp_028930.1
SM_V9_PAR1      Liftoff mRNA    8078307 8082716 .       +       .

ID=Smp_028930.2;Parent=Smp_028930;geneID=Smp_028930;product=Thioredo
xin domain-containing protein
9;polypeptide_domain=InterPro:IPR012336,IPR013766
Pfam:PF00085;Ontology_term=GO:0045454
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        Parent=Smp_028930.2
SM_V9_PAR1      Liftoff CDS     8081479 8082210 .       +       0
        Parent=Smp_028930.2
SM_V9_PAR1      Liftoff gene    8117052 8166073 .       -       .
        ID=Smp_137750;geneID=Smp_137750
SM_V9_PAR1      Liftoff mRNA    8117052 8166073 .       -       .

ID=Smp_137750.1;Parent=Smp_137750;geneID=Smp_137750;product=Calbindi
n-32;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
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Pfam:PF13202,PF13499;Ontology_term=GO:0005509
SM_V9_PAR1      Liftoff exon    8117052 8118120 .       -       .
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SM_V9_PAR1      Liftoff exon    8120600 8120671 .       -       .
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SM_V9_PAR1      Liftoff exon    8128072 8128127 .       -       .
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SM_V9_PAR1      Liftoff exon    8165511 8166073 .       -       .
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SM_V9_PAR1      Liftoff CDS     8165511 8165631 .       -       0
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SM_V9_PAR1      iris    gene    8170780 8205601 .       -       .

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SM_V9_PAR1      iris    exon    8184574 8184953 .       -       .
        Parent=Smp_137740.2;Name=a9b421b0-8e6a-4d19-b602-
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SM_V9_PAR1      iris    exon    8187541 8187713 .       -       .
        Parent=Smp_137740.2;Name=687ab718-5062-4bae-
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SM_V9_PAR1      iris    exon    8190871 8191089 .       -       .
        Parent=Smp_137740.2;Name=94c39743-4c51-49e3-baba-
bbbdfd075a86
SM_V9_PAR1      iris    exon    8196869 8197105 .       -       .
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SM_V9_PAR1      iris    exon    8204247 8204312 .       -       .

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SM_V9_PAR1      iris    exon    8201289 8201644 .       -       .
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A;polypeptide_domain=InterPro:IPR001503,IPR031481
Pfam:PF00852,PF17039;Ontology_term=GO:0006486,GO:0008417,GO:0016020
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SM_V9_PAR1      Liftoff CDS     8292531 8292703 .       +       0
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SM_V9_PAR1      Liftoff gene    8298904 8309457 .       +       .
        ID=Smp_142860;geneID=Smp_142860
SM_V9_PAR1      Liftoff mRNA    8298904 8309457 .       +       .

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Statement;polypeptide_domain=InterPro:IPR001503,IPR031481
Pfam:PF00852,PF17039;Ontology_term=GO:0006486,GO:0008417,GO:0016020
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SM_V9_PAR1      Liftoff exon    8304071 8304307 .       +       .
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SM_V9_PAR1      Liftoff exon    8306967 8307139 .       +       .
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SM_V9_PAR1      Liftoff CDS     8304071 8304307 .       +       0
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SM_V9_PAR1      Liftoff CDS     8305491 8305709 .       +       0
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SM_V9_PAR1      Liftoff CDS     8306967 8307139 .       +       0
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SM_V9_PAR1      Liftoff CDS     8308991 8309318 .       +       1
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protein 45;date_creation=2022-08-13
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SM_V9_PAR1      iris    exon    8336792 8336856 .       +       .
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SM_V9_PAR1      iris    exon    8339712 8339756 .       +       .

Parent=Smp_142880.1;Name=8553dada-89a6-4a61-80fa-8f0cd5b7685d
SM_V9_PAR1      iris    exon    8340865 8340927 .       +       .
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ID=Smp_142890.1;Parent=Smp_142890;geneID=Smp_142890;gene_name=Smp_14
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SM_V9_PAR1      iris    exon    8426771 8426830 .       +       .
        Parent=Smp_142890.1;Name=40c2e0c1-86a4-4a55-ba0b-
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SM_V9_PAR1      iris    exon    8430892 8431173 .       +       .
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SM_V9_PAR1      iris    exon    8434712 8434759 .       +       .
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SM_V9_PAR1      iris    exon    8435226 8435321 .       +       .
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SM_V9_PAR1      iris    exon    8437873 8438091 .       +       .
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SM_V9_PAR1      iris    exon    8438745 8438951 .       +       .
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SM_V9_PAR1      iris    CDS     8411184 8411692 .       +       0
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SM_V9_PAR1      iris    CDS     8429500 8429622 .       +       0
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SM_V9_PAR1      Liftoff mRNA    8447082 8479990 .       -       .

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SM_V9_PAR1      Liftoff exon    8449127 8449235 .       -       .
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SM_V9_PAR1      Liftoff mRNA    8480135 8489060 .       +       .

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SM_V9_PAR1      Liftoff exon    8484580 8484673 .       +       .
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SM_V9_PAR1      Liftoff exon    8484715 8484864 .       +       .
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alpha;polypeptide_domain=InterPro:IPR001680,IPR006692,IPR010714,IPR0
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Pfam:PF00400,PF04053,PF06957;Ontology_term=GO:0005198,GO:0005515,GO:
0006886,GO:0016192,GO:0030117,GO:0030126
SM_V9_PAR1      Liftoff exon    8497284 8497382 .       +       .
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SM_V9_PAR1      Liftoff exon    8498751 8499019 .       +       .
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SM_V9_PAR1      Liftoff CDS     8521692 8521773 .       +       1
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SM_V9_PAR1      Liftoff CDS     8522881 8522937 .       +       0
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Pfam:PF01411,PF02272,PF07973;Ontology_term=GO:0000166,GO:0003676,GO:
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SM_V9_PAR1      Liftoff exon    8526196 8526546 .       -       .
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SM_V9_PAR1      Liftoff exon    8534064 8534317 .       -       .
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SM_V9_PAR1      Liftoff exon    8536129 8536380 .       -       .
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SM_V9_PAR1      Liftoff exon    8536789 8536961 .       -       .
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ied=2022-08-13;Name=Smp_142930.1;product=Mitochondrial coenzyme A
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SM_V9_PAR1      iris    exon    8562541 8562649 .       +       .
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SM_V9_PAR1      iris    exon    8562683 8562872 .       +       .

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SM_V9_PAR1      iris    CDS     8565612 8565734 .       +       1
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SM_V9_PAR1      iris    CDS     8572254 8572405 .       +       1
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SM_V9_PAR1      iris    CDS     8573039 8573191 .       +       2
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SM_V9_PAR1      Liftoff exon    8669015 8669074 .       -       .
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff exon    8670780 8670861 .       -       .
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SM_V9_PAR1      Liftoff exon    8671775 8671913 .       -       .
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff exon    8674374 8674441 .       -       .
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff exon    8676252 8676394 .       -       .
        Parent=Smp_142950.1
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SM_V9_PAR1      Liftoff exon    8682593 8682729 .       -       .
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff exon    8682762 8682812 .       -       .
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SM_V9_PAR1      Liftoff exon    8682845 8682951 .       -       .
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        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8657096 8657221 .       -       0
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8659300 8659548 .       -       0
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8662206 8662633 .       -       2
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8663549 8663986 .       -       2
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8665111 8665202 .       -       1
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8667104 8667222 .       -       0
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8669015 8669074 .       -       0
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8670780 8670861 .       -       1
        Parent=Smp_142950.1
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SM_V9_PAR1      Liftoff CDS     8674374 8674441 .       -       1
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SM_V9_PAR1      Liftoff CDS     8680635 8680846 .       -       2
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SM_V9_PAR1      Liftoff CDS     8682387 8682455 .       -       2
        Parent=Smp_142950.1
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SM_V9_PAR1      Liftoff CDS     8682593 8682729 .       -       0
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff CDS     8682762 8682812 .       -       0
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SM_V9_PAR1      Liftoff CDS     8682845 8682895 .       -       0
        Parent=Smp_142950.1
SM_V9_PAR1      Liftoff gene    8693925 8703047 .       +       .
        ID=Smp_142960;geneID=Smp_142960
SM_V9_PAR1      Liftoff mRNA    8693925 8703047 .       +       .

ID=Smp_142960.1;Parent=Smp_142960;geneID=Smp_142960;product=Decapren
yl-diphosphate synthase subunit
2;polypeptide_domain=InterPro:IPR000092,IPR008949
Pfam:PF00348;Ontology_term=GO:0008299
SM_V9_PAR1      Liftoff exon    8693925 8697208 .       +       .
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff exon    8698754 8698907 .       +       .
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff exon    8700056 8700451 .       +       .
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff exon    8702596 8703047 .       +       .
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff CDS     8696817 8697208 .       +       0
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff CDS     8698754 8698907 .       +       1
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff CDS     8700056 8700451 .       +       0
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff CDS     8702596 8703006 .       +       0
        Parent=Smp_142960.1
SM_V9_PAR1      Liftoff mRNA    8693925 8703047 .       +       .

ID=Smp_142960.2;Parent=Smp_142960;geneID=Smp_142960;product=Decapren
yl-diphosphate synthase subunit
2;polypeptide_domain=InterPro:IPR008949
SM_V9_PAR1      Liftoff exon    8693925 8697208 .       +       .
        Parent=Smp_142960.2
SM_V9_PAR1      Liftoff exon    8698754 8698907 .       +       .
        Parent=Smp_142960.2
SM_V9_PAR1      Liftoff exon    8702596 8703047 .       +       .
        Parent=Smp_142960.2
SM_V9_PAR1      Liftoff CDS     8696817 8697208 .       +       0
        Parent=Smp_142960.2
SM_V9_PAR1      Liftoff CDS     8698754 8698907 .       +       1
        Parent=Smp_142960.2
SM_V9_PAR1      Liftoff CDS     8702596 8703006 .       +       0
        Parent=Smp_142960.2
SM_V9_PAR1      iris    gene    8715125 8732744 .       +       .
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ID=Smp_188430;geneID=Smp_188430;gene_name=Smp_188430;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
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ID=Smp_188430.1;Parent=Smp_188430;geneID=Smp_188430;gene_name=Smp_18
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ied=2022-10-01;Name=Smp_188430.1;product=Glutathione
synthetase;date_creation=2022-10-01
SM_V9_PAR1      iris    exon    8715125 8715194 .       +       .
        Parent=Smp_188430.1;Name=d402d0a0-1a35-479e-9be7-
f672240ae6e6
SM_V9_PAR1      iris    exon    8715228 8715396 .       +       .

Parent=Smp_188430.1;Name=cee65e34-9a8d-4c0e-8ada-8cc657bcbaf4
SM_V9_PAR1      iris    exon    8715431 8715506 .       +       .
        Parent=Smp_188430.1;Name=c532c5dd-3ba0-4466-
a1a8-6345075697f9
SM_V9_PAR1      iris    exon    8716594 8716872 .       +       .
        Parent=Smp_188430.1;Name=7f6f2e65-07ab-45a1-
bbfb-2cfc23081401
SM_V9_PAR1      iris    exon    8717660 8717925 .       +       .
        Parent=Smp_188430.1;Name=4e3457cb-149e-4e47-bd49-
c21bccc9c194
SM_V9_PAR1      iris    exon    8724734 8724803 .       +       .
        Parent=Smp_188430.1;Name=d61d2dcd-791b-433c-8c1e-
e48dd9f98ef3
SM_V9_PAR1      iris    exon    8729747 8730059 .       +       .
        Parent=Smp_188430.1;Name=fb3a46a2-
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SM_V9_PAR1      iris    exon    8731405 8731585 .       +       .
        Parent=Smp_188430.1;Name=8bc0db4c-8586-4d36-9e07-
c8151b3e40f5
SM_V9_PAR1      iris    exon    8732512 8732744 .       +       .
        Parent=Smp_188430.1;Name=8f2cad7d-19d0-45db-
a279-13ada8d0a245
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        Parent=Smp_188430.1
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SM_V9_PAR1      iris    CDS     8731405 8731585 .       +       2
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SM_V9_PAR1      Liftoff gene    8734649 8738241 .       -       .
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SM_V9_PAR1      Liftoff mRNA    8734649 8738241 .       -       .

ID=Smp_038300.1;Parent=Smp_038300;geneID=Smp_038300;product=Transcri
ption and mRNA export factor ENY2
SM_V9_PAR1      Liftoff exon    8734649 8735547 .       -       .
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SM_V9_PAR1      Liftoff exon    8738028 8738164 .       -       .
        Parent=Smp_038300.1
SM_V9_PAR1      Liftoff exon    8738199 8738241 .       -       .
        Parent=Smp_038300.1
SM_V9_PAR1      Liftoff CDS     8735393 8735547 .       -       2
        Parent=Smp_038300.1
SM_V9_PAR1      Liftoff CDS     8738028 8738164 .       -       1
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SM_V9_PAR1      Liftoff CDS     8738199 8738209 .       -       0
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SM_V9_PAR1      iris    gene    8747519 8761657 .       +       .

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ID=Smp_142970.1;Parent=Smp_142970;geneID=Smp_142970;gene_name=Smp_14
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ied=2022-10-01;Name=Smp_142970.1;product=Palmitoyl-protein
thioesterase 1;date_creation=2022-10-01
SM_V9_PAR1      iris    exon    8747519 8747655 .       +       .
        Parent=Smp_142970.1;Name=7e73e722-
aeb5-451c-8e51-265d681254ee
SM_V9_PAR1      iris    exon    8747690 8747796 .       +       .
        Parent=Smp_142970.1;Name=69205eed-
d3c8-494b-87f0-633ec3030548
SM_V9_PAR1      iris    exon    8750255 8750559 .       +       .
        Parent=Smp_142970.1;Name=cf677cf5-
ee61-4cdb-9539-7595f310eb8b
SM_V9_PAR1      iris    exon    8754990 8755080 .       +       .

Parent=Smp_142970.1;Name=daee9f1d-2184-41ff-9db7-963f41933cf2
SM_V9_PAR1      iris    exon    8756337 8756435 .       +       .
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SM_V9_PAR1      iris    exon    8758701 8758772 .       +       .
        Parent=Smp_142970.1;Name=099cee04-1aed-4c46-
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SM_V9_PAR1      iris    exon    8761361 8761657 .       +       .
        Parent=Smp_142970.1;Name=50b97ac9-026a-4f68-
ba38-4d102c169745
SM_V9_PAR1      iris    CDS     8747565 8747655 .       +       0
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SM_V9_PAR1      iris    CDS     8747690 8747796 .       +       2
        Parent=Smp_142970.1
SM_V9_PAR1      iris    CDS     8750255 8750559 .       +       0
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        Parent=Smp_142970.1
SM_V9_PAR1      iris    CDS     8758701 8758772 .       +       0
        Parent=Smp_142970.1
SM_V9_PAR1      iris    CDS     8761361 8761486 .       +       0
        Parent=Smp_142970.1
SM_V9_PAR1      Liftoff gene    8773157 8786936 .       +       .
        ID=Smp_142980;geneID=Smp_142980
SM_V9_PAR1      Liftoff mRNA    8773157 8786936 .       +       .

ID=Smp_142980.1;Parent=Smp_142980;geneID=Smp_142980;product=Palmitoy
l-protein thioesterase
1;polypeptide_domain=InterPro:IPR002472,IPR029058
Pfam:PF02089;Ontology_term=GO:0098599
SM_V9_PAR1      Liftoff exon    8773157 8773264 .       +       .
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff exon    8773299 8773405 .       +       .
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff exon    8780664 8780968 .       +       .
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff exon    8782360 8782450 .       +       .
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff exon    8783275 8783373 .       +       .
        Parent=Smp_142980.1
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        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff CDS     8773261 8773264 .       +       0
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff CDS     8773299 8773405 .       +       2
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff CDS     8780664 8780968 .       +       0
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff CDS     8782360 8782450 .       +       1
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SM_V9_PAR1      Liftoff CDS     8783275 8783373 .       +       0
        Parent=Smp_142980.1
SM_V9_PAR1      Liftoff CDS     8784714 8784785 .       +       0
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SM_V9_PAR1      Liftoff CDS     8786699 8786824 .       +       0
        Parent=Smp_142980.1
SM_V9_PAR1      iris    gene    8820393 8823126 .       -       .

ID=Smp_038330;geneID=Smp_038330;gene_name=Smp_038330;owner=irisadmin
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ID=Smp_038330.1;Parent=Smp_038330;geneID=Smp_038330;gene_name=Smp_03
8330;owner=irisadmin@local.host;orig_id=Smp_038330.1;date_last_modif
ied=2022-10-01;Name=Smp_038330.1;product=Dehydrodolichyl diphosphate
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synthase complex subunit nus1;date_creation=2022-08-19
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        Parent=Smp_038330.1;Name=1ed3f803-
ce32-45fd-9304-0a78c0b4b586
SM_V9_PAR1      iris    exon    8822367 8822466 .       -       .
        Parent=Smp_038330.1;Name=91886bd0-45b9-4f08-
ad48-99c5a823c882
SM_V9_PAR1      iris    exon    8822500 8822628 .       -       .
        Parent=Smp_038330.1;Name=ab60e698-46b0-4ea5-ba05-
b0d69dea1118
SM_V9_PAR1      iris    exon    8822667 8822780 .       -       .
        Parent=Smp_038330.1;Name=86d0c9f3-efb2-427b-85cf-
e5f5245859ec
SM_V9_PAR1      iris    exon    8822812 8823126 .       -       .
        Parent=Smp_038330.1;Name=07c6032e-b1de-4671-a029-
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SM_V9_PAR1      iris    CDS     8822500 8822628 .       -       2
        Parent=Smp_038330.1
SM_V9_PAR1      iris    CDS     8822667 8822780 .       -       2
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SM_V9_PAR1      iris    CDS     8822812 8823079 .       -       0
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SM_V9_PAR1      Liftoff gene    8826571 8863902 .       +       .
        ID=Smp_038340;geneID=Smp_038340
SM_V9_PAR1      Liftoff mRNA    8826571 8863902 .       +       .

ID=Smp_038340.1;Parent=Smp_038340;geneID=Smp_038340;product=Palmitoy
ltransferase ZDHHC3;polypeptide_domain=InterPro:IPR001594
Pfam:PF01529
SM_V9_PAR1      Liftoff exon    8826571 8826752 .       +       .
        Parent=Smp_038340.1
SM_V9_PAR1      Liftoff exon    8829343 8829869 .       +       .
        Parent=Smp_038340.1
SM_V9_PAR1      Liftoff exon    8833655 8833788 .       +       .
        Parent=Smp_038340.1
SM_V9_PAR1      Liftoff exon    8854460 8854556 .       +       .
        Parent=Smp_038340.1
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        Parent=Smp_038340.1
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        Parent=Smp_038340.1
SM_V9_PAR1      Liftoff exon    8863411 8863902 .       +       .
        Parent=Smp_038340.1
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        Parent=Smp_038340.1
SM_V9_PAR1      Liftoff CDS     8829343 8829869 .       +       2
        Parent=Smp_038340.1
SM_V9_PAR1      Liftoff CDS     8833655 8833788 .       +       0
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SM_V9_PAR1      Liftoff CDS     8854460 8854556 .       +       1
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SM_V9_PAR1      Liftoff CDS     8863411 8863671 .       +       0
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ID=Smp_214100;geneID=Smp_214100;gene_name=Smp_214100;owner=irisadmin
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ID=Smp_214100.1;Parent=Smp_214100;geneID=Smp_214100;gene_name=Smp_21
4100;owner=irisadmin@local.host;orig_id=Smp_214100.1;date_last_modif
ied=2022-07-17;Name=Smp_214100.1;product=5'-AMP-activated protein
kinase catalytic subunit alpha-2;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    8865391 8866041 .       -       .
        Parent=Smp_214100.1;Name=118443b5-35ad-40e2-
a88c-2381f247d34c
SM_V9_PAR1      iris    exon    8868020 8868143 .       -       .
        Parent=Smp_214100.1;Name=124bae6e-163f-41e3-
afa3-2b3449d1f5a4
SM_V9_PAR1      iris    exon    8870105 8870392 .       -       .

Parent=Smp_214100.1;Name=e6105bcc-7663-42a9-8478-18b71da1babe
SM_V9_PAR1      iris    exon    8873045 8873354 .       -       .
        Parent=Smp_214100.1;Name=93ee5e52-84b8-4860-90db-
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SM_V9_PAR1      iris    exon    8874819 8874940 .       -       .
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SM_V9_PAR1      iris    exon    8879601 8880137 .       -       .
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        Parent=Smp_214100.1
SM_V9_PAR1      iris    CDS     8870105 8870392 .       -       0
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SM_V9_PAR1      iris    CDS     8878239 8878483 .       -       2
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ID=Smp_214110;geneID=Smp_214110;gene_name=Smp_214110;owner=irisadmin
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SM_V9_PAR1      iris    mRNA    8893843 8904292 .       -       .

ID=Smp_214110.1;Parent=Smp_214110;geneID=Smp_214110;gene_name=Smp_21
4110;owner=irisadmin@local.host;orig_id=Smp_214110.1;date_last_modif
ied=2022-07-18;Name=Smp_214110.1;product=HD domain-containing
protein 2 homolog;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    8893843 8894041 .       -       .
        Parent=Smp_214110.1;Name=d5031863-
d579-42b2-943c-3f59f8523a0e
SM_V9_PAR1      iris    exon    8894104 8894189 .       -       .
        Parent=Smp_214110.1;Name=4fc341f5-86eb-498d-86ff-
f81813a3705b
SM_V9_PAR1      iris    exon    8894229 8894281 .       -       .
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b7e3c134b85c
SM_V9_PAR1      iris    exon    8894332 8894400 .       -       .
        Parent=Smp_214110.1;Name=30248e61-1e44-433f-
ad1e-6accc2e90a60
SM_V9_PAR1      iris    exon    8896341 8896443 .       -       .

Parent=Smp_214110.1;Name=a7e3600a-464f-4c08-80f8-41a6bfb7ee84
SM_V9_PAR1      iris    exon    8900106 8900236 .       -       .
        Parent=Smp_214110.1;Name=2bd92ed9-65af-4747-
bd77-45b5376e793c
SM_V9_PAR1      iris    exon    8904241 8904292 .       -       .
        Parent=Smp_214110.1;Name=f45d3661-8a4a-4644-b1a5-
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SM_V9_PAR1      iris    CDS     8893947 8894041 .       -       2
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SM_V9_PAR1      iris    CDS     8894104 8894189 .       -       1
        Parent=Smp_214110.1
SM_V9_PAR1      iris    CDS     8894229 8894281 .       -       0
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SM_V9_PAR1      iris    CDS     8894332 8894400 .       -       0
        Parent=Smp_214110.1
SM_V9_PAR1      iris    CDS     8896341 8896443 .       -       1
        Parent=Smp_214110.1
SM_V9_PAR1      iris    CDS     8900106 8900236 .       -       0
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SM_V9_PAR1      iris    CDS     8904241 8904291 .       -       0
        Parent=Smp_214110.1
SM_V9_PAR1      iris    gene    8904347 8905837 .       -       .

ID=Smp_349130;geneID=Smp_349130;gene_name=Smp_349130;owner=irisadmin
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SM_V9_PAR1      iris    mRNA    8904347 8905837 .       -       .
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ied=2022-08-02;Name=Smp_349130.1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    8904347 8904494 .       -       .
        Parent=Smp_349130.1;Name=Smp_349130.1-CDS
SM_V9_PAR1      iris    exon    8904528 8904561 .       -       .

Parent=Smp_349130.1;Name=338d1fdb-15cd-4c69-8bc8-2e3529cc25cf
SM_V9_PAR1      iris    exon    8904596 8904737 .       -       .

Parent=Smp_349130.1;Name=62fcc14c-0522-49d4-8598-9c06f38f2ed4
SM_V9_PAR1      iris    exon    8904769 8904888 .       -       .
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bb5f-483f-875e-1ca191b84fd8
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        Parent=Smp_349130.1;Name=cca48967-79bf-46cc-
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SM_V9_PAR1      iris    CDS     8904596 8904737 .       -       1
        Parent=Smp_349130.1
SM_V9_PAR1      iris    CDS     8904769 8904788 .       -       0
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ied=2022-07-17;Name=Smp_343560.1;product=Nephrocystin-1
(Fragment);date_creation=2022-07-17
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        Parent=Smp_343560.1;Name=513162c0-4a6e-4305-
b286-892ad6c9b01e
SM_V9_PAR1      iris    exon    8918060 8918124 .       +       .
        Parent=Smp_343560.1;Name=bbc6b31e-2e84-4eb0-8a74-
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SM_V9_PAR1      iris    exon    8918170 8918243 .       +       .

Parent=Smp_343560.1;Name=606925ce-0357-421c-948c-1c848466a968
SM_V9_PAR1      iris    exon    8918293 8918353 .       +       .
        Parent=Smp_343560.1;Name=d6a4c245-16e0-4715-
af7f-535a8db89008
SM_V9_PAR1      iris    exon    8918411 8918488 .       +       .
        Parent=Smp_343560.1;Name=ba7e773a-cb4f-44da-b296-
f131e417536c
SM_V9_PAR1      iris    exon    8918547 8918584 .       +       .
        Parent=Smp_343560.1;Name=a5231b1d-
aa45-4cdd-8c40-7111f8425815
SM_V9_PAR1      iris    exon    8918631 8918695 .       +       .
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        Parent=Smp_343560.1;Name=9fba74d4-199e-4b93-
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SM_V9_PAR1      iris    exon    8920257 8920579 .       +       .
        Parent=Smp_343560.1;Name=3affe9ec-4597-4e52-852d-
d84cd8bc7893
SM_V9_PAR1      iris    exon    8922966 8923037 .       +       .

Parent=Smp_343560.1;Name=04442b9e-3dde-42ee-9a37-798773a8ee66
SM_V9_PAR1      iris    exon    8923076 8923164 .       +       .
        Parent=Smp_343560.1;Name=0471bfe7-bece-448f-
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SM_V9_PAR1      iris    exon    8924693 8924762 .       +       .
        Parent=Smp_343560.1;Name=65892cd8-1e4b-430c-b246-
e4a44274f518
SM_V9_PAR1      iris    exon    8924891 8925032 .       +       .
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SM_V9_PAR1      iris    exon    8925077 8925398 .       +       .
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SM_V9_PAR1      iris    exon    8927305 8927350 .       +       .
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SM_V9_PAR1      iris    exon    8927701 8927773 .       +       .

Parent=Smp_343560.1;Name=c6fdf455-0ab2-4983-9792-7977589c1e82
SM_V9_PAR1      iris    exon    8929675 8929772 .       +       .
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SM_V9_PAR1      iris    exon    8930399 8930477 .       +       .
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SM_V9_PAR1      iris    exon    8932510 8932584 .       +       .
        Parent=Smp_343560.1;Name=eb3e3923-
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SM_V9_PAR1      iris    exon    8933924 8934040 .       +       .
        Parent=Smp_343560.1;Name=2a667dba-c468-4d5f-
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SM_V9_PAR1      iris    exon    8935077 8935159 .       +       .
        Parent=Smp_343560.1;Name=fab8f3e3-c6ad-434a-
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SM_V9_PAR1      iris    exon    8935213 8935286 .       +       .
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SM_V9_PAR1      iris    exon    8938089 8938188 .       +       .
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SM_V9_PAR1      iris    exon    8940567 8940762 .       +       .
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SM_V9_PAR1      iris    exon    8941622 8941666 .       +       .
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SM_V9_PAR1      iris    exon    8942839 8942955 .       +       .
        Parent=Smp_343560.1;Name=9b0d717e-e9eb-427c-
b6d6-3bc544aa7ad2
SM_V9_PAR1      iris    exon    8945580 8945835 .       +       .
        Parent=Smp_343560.1;Name=56a9b277-bd5b-4c1a-
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SM_V9_PAR1      iris    CDS     8918062 8918124 .       +       0
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SM_V9_PAR1      iris    CDS     8918547 8918584 .       +       0
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SM_V9_PAR1      iris    CDS     8920257 8920579 .       +       2
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SM_V9_PAR1      iris    CDS     8922966 8923037 .       +       0
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SM_V9_PAR1      iris    CDS     8923076 8923164 .       +       0
        Parent=Smp_343560.1
SM_V9_PAR1      iris    CDS     8924693 8924762 .       +       1
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SM_V9_PAR1      iris    CDS     8924891 8925032 .       +       0
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SM_V9_PAR1      iris    CDS     8925077 8925398 .       +       2
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SM_V9_PAR1      iris    CDS     8927305 8927350 .       +       1
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SM_V9_PAR1      iris    CDS     8930399 8930477 .       +       0
        Parent=Smp_343560.1
SM_V9_PAR1      iris    CDS     8930524 8930576 .       +       2
        Parent=Smp_343560.1
SM_V9_PAR1      iris    CDS     8932510 8932584 .       +       0
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SM_V9_PAR1      iris    CDS     8933924 8934040 .       +       0
        Parent=Smp_343560.1
SM_V9_PAR1      iris    CDS     8935077 8935159 .       +       0
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SM_V9_PAR1      iris    CDS     8935213 8935286 .       +       1
        Parent=Smp_343560.1
SM_V9_PAR1      iris    CDS     8938089 8938188 .       +       2
        Parent=Smp_343560.1
SM_V9_PAR1      iris    CDS     8940567 8940762 .       +       1
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SM_V9_PAR1      iris    CDS     8941622 8941666 .       +       0
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SM_V9_PAR1      iris    CDS     8942839 8942955 .       +       0
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SM_V9_PAR1      iris    CDS     8945580 8945714 .       +       0
        Parent=Smp_343560.1
SM_V9_PAR1      Liftoff gene    8949662 8960727 .       -       .

ID=Smp_214120;geneID=Smp_214120;previous_systematic_id=Smp_143020
SM_V9_PAR1      Liftoff mRNA    8949662 8960727 .       -       .

ID=Smp_214120.1;Parent=Smp_214120;geneID=Smp_214120;product=5-
methylcytosine rRNA methyltransferase
NSUN4;polypeptide_domain=InterPro:IPR001678,IPR029063
Pfam:PF01189;Ontology_term=GO:0008168
SM_V9_PAR1      Liftoff exon    8949662 8950183 .       -       .
        Parent=Smp_214120.1
SM_V9_PAR1      Liftoff exon    8951011 8951338 .       -       .
        Parent=Smp_214120.1
SM_V9_PAR1      Liftoff exon    8952773 8952904 .       -       .
        Parent=Smp_214120.1
SM_V9_PAR1      Liftoff exon    8955074 8955416 .       -       .
        Parent=Smp_214120.1
SM_V9_PAR1      Liftoff exon    8957120 8960727 .       -       .
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SM_V9_PAR1      Liftoff CDS     8951011 8951338 .       -       2
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SM_V9_PAR1      Liftoff CDS     8952773 8952904 .       -       2
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SM_V9_PAR1      Liftoff CDS     8955074 8955416 .       -       0
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SM_V9_PAR1      Liftoff CDS     8957120 8957332 .       -       0
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SM_V9_PAR1      iris    mRNA    8961496 8970437 .       -       .

ID=Smp_214130.1;Parent=Smp_214130;geneID=Smp_214130;gene_name=Smp_21
4130;owner=irisadmin@local.host;orig_id=Smp_214130.1;date_last_modif
ied=2022-07-17;Name=Smp_214130.1;product=39S ribosomal protein L9,
mitochondrial;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    8961496 8961686 .       -       .
        Parent=Smp_214130.1;Name=f28b7b4b-3eaa-475c-97f0-
f34350bd65aa
SM_V9_PAR1      iris    exon    8963605 8963694 .       -       .
        Parent=Smp_214130.1;Name=a6e522c2-a898-4817-
bc07-5ec8d29653f7
SM_V9_PAR1      iris    exon    8963740 8963877 .       -       .
        Parent=Smp_214130.1;Name=bd93b1f3-6751-4c59-949b-
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SM_V9_PAR1      iris    exon    8964125 8964249 .       -       .
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c23825ad4c6e
SM_V9_PAR1      iris    exon    8965065 8965230 .       -       .
        Parent=Smp_214130.1;Name=afecc2d3-d2d2-47b9-
ae20-886a2f2a3b08
SM_V9_PAR1      iris    exon    8965278 8965331 .       -       .
        Parent=Smp_214130.1;Name=79b5b18a-41a5-466c-
a41c-9af8e302d935
SM_V9_PAR1      iris    exon    8970370 8970437 .       -       .
        Parent=Smp_214130.1;Name=0b94a64d-
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        Parent=Smp_214130.1
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        Parent=Smp_214130.1
SM_V9_PAR1      iris    CDS     8964125 8964249 .       -       2
        Parent=Smp_214130.1
SM_V9_PAR1      iris    CDS     8965065 8965230 .       -       0
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SM_V9_PAR1      iris    CDS     8965278 8965331 .       -       0
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SM_V9_PAR1      iris    gene    8979918 8980657 .       -       .

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ied=2022-08-19;Name=Smp_038410.1;product=Protein SYS1
homolog;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    8979918 8980657 .       -       .
        Parent=Smp_038410.1;Name=879a021f-0c06-4497-8c34-
ccdc03265703
SM_V9_PAR1      iris    CDS     8980165 8980635 .       -       0
        Parent=Smp_038410.1
SM_V9_PAR1      iris    gene    8981343 8996912 .       -       .

ID=Smp_038420;geneID=Smp_038420;gene_name=Smp_038420;owner=irisadmin
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SM_V9_PAR1      iris    mRNA    8981343 8996912 .       -       .

ID=Smp_038420.1;Parent=Smp_038420;geneID=Smp_038420;gene_name=Smp_03
8420;owner=irisadmin@local.host;orig_id=Smp_038420.2;date_last_modif
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protein COQ9, mitochondrial;date_creation=2022-07-17
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ad264dd366f1
SM_V9_PAR1      iris    exon    8983859 8983912 .       -       .
        Parent=Smp_038420.1;Name=84efd03d-397b-4bef-
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SM_V9_PAR1      iris    exon    8985262 8985411 .       -       .
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SM_V9_PAR1      iris    exon    8988035 8988251 .       -       .
        Parent=Smp_038420.1;Name=a0541390-0253-4803-
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SM_V9_PAR1      iris    exon    8990935 8991256 .       -       .

Parent=Smp_038420.1;Name=6a983c97-59c0-4133-8095-61df97a1f988
SM_V9_PAR1      iris    exon    8992532 8992635 .       -       .
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SM_V9_PAR1      iris    exon    8994891 8994983 .       -       .
        Parent=Smp_038420.1;Name=746c4327-d747-40f3-
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SM_V9_PAR1      iris    exon    8996844 8996912 .       -       .

Parent=Smp_038420.1;Name=49afedd7-9e99-45d9-8597-2788b65ae8ce
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        Parent=Smp_038420.1
SM_V9_PAR1      iris    CDS     8985262 8985411 .       -       0
        Parent=Smp_038420.1
SM_V9_PAR1      iris    CDS     8988035 8988251 .       -       1
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SM_V9_PAR1      iris    CDS     8990935 8991256 .       -       2
        Parent=Smp_038420.1
SM_V9_PAR1      iris    CDS     8992532 8992635 .       -       1
        Parent=Smp_038420.1
SM_V9_PAR1      iris    CDS     8994891 8994931 .       -       0
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SM_V9_PAR1      Liftoff gene    9001376 9034287 .       -       .
        ID=Smp_038440;geneID=Smp_038440
SM_V9_PAR1      Liftoff mRNA    9001376 9034287 .       -       .

ID=Smp_038440.1;Parent=Smp_038440;geneID=Smp_038440;product=cGMP-
dependent protein kinase, interacting domain,
putative;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR031775
Pfam:PF15898;Ontology_term=GO:0019901
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        Parent=Smp_038440.1
SM_V9_PAR1      Liftoff exon    9002010 9002051 .       -       .
        Parent=Smp_038440.1
SM_V9_PAR1      Liftoff exon    9015747 9015923 .       -       .
        Parent=Smp_038440.1
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        Parent=Smp_038440.1
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SM_V9_PAR1      Liftoff CDS     9016947 9017174 .       -       0
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SM_V9_PAR1      Liftoff CDS     9033572 9033925 .       -       0
        Parent=Smp_038440.1
SM_V9_PAR1      iris    gene    9051228 9078011 .       -       .

ID=Smp_245420;geneID=Smp_245420;gene_name=Smp_245420;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    9051228 9078011 .       -       .

ID=Smp_245420.1;Parent=Smp_245420;geneID=Smp_245420;gene_name=Smp_24
5420;owner=irisadmin@local.host;orig_id=Smp_245420.1;date_last_modif
ied=2022-07-17;Name=Smp_245420.1;product=Cullin-5;date_creation=2022
-07-17
SM_V9_PAR1      iris    exon    9051228 9052954 .       -       .
        Parent=Smp_245420.1;Name=c61671ac-6286-4af2-a4e1-
e6b4742d1385
SM_V9_PAR1      iris    exon    9054727 9054845 .       -       .
        Parent=Smp_245420.1;Name=71a0a64c-97a2-4aa5-b275-
e9b6b870947b
SM_V9_PAR1      iris    exon    9058705 9058938 .       -       .
        Parent=Smp_245420.1;Name=afe529ba-fb78-432e-
a626-79eefda37a0a
SM_V9_PAR1      iris    exon    9061280 9061543 .       -       .
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SM_V9_PAR1      iris    exon    9062005 9062266 .       -       .
        Parent=Smp_245420.1;Name=72b54cc5-e02f-4104-
a206-7b8ed32a6de1
SM_V9_PAR1      iris    exon    9065296 9065465 .       -       .

Parent=Smp_245420.1;Name=2f4283f4-48ef-47e2-82e1-933750c9e6b2
SM_V9_PAR1      iris    exon    9068740 9068922 .       -       .
        Parent=Smp_245420.1;Name=dca4b6f7-b63e-433f-
a195-9f5119d8afdf
SM_V9_PAR1      iris    exon    9071496 9071633 .       -       .
        Parent=Smp_245420.1;Name=c30af713-007b-461d-
a877-23d63a99d0b5
SM_V9_PAR1      iris    exon    9074222 9074352 .       -       .
        Parent=Smp_245420.1;Name=bdb41b91-bf5c-4978-
a9e9-073d982c432d
SM_V9_PAR1      iris    exon    9077303 9077444 .       -       .
        Parent=Smp_245420.1;Name=32dda5c7-aa23-4882-
a307-34a45cf1dc9a
SM_V9_PAR1      iris    exon    9077479 9077658 .       -       .
        Parent=Smp_245420.1;Name=896aceb3-d483-401c-
a448-72b3277b61fd
SM_V9_PAR1      iris    exon    9077694 9077793 .       -       .
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        Parent=Smp_245420.1
SM_V9_PAR1      iris    CDS     9054727 9054845 .       -       0
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SM_V9_PAR1      iris    CDS     9058705 9058938 .       -       0
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SM_V9_PAR1      iris    CDS     9061280 9061543 .       -       0
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        Parent=Smp_245420.1
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        Parent=Smp_245420.1
SM_V9_PAR1      iris    CDS     9068740 9068922 .       -       0
        Parent=Smp_245420.1
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SM_V9_PAR1      iris    CDS     9074222 9074352 .       -       2
        Parent=Smp_245420.1
SM_V9_PAR1      iris    CDS     9077303 9077444 .       -       0
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SM_V9_PAR1      iris    CDS     9077694 9077793 .       -       1
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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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ID=Smp_343570.1;Parent=Smp_343570;geneID=Smp_343570;gene_name=Smp_34
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ied=2022-07-17;Name=Smp_343570.1;product=Scaffold attachment factor
B1;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    9090051 9090191 .       +       .
        Parent=Smp_343570.1;Name=61c2e33a-
d2e8-4876-96a1-6f2b4468a7d2
SM_V9_PAR1      iris    exon    9090223 9090309 .       +       .
        Parent=Smp_343570.1;Name=cfbbaddc-
b35d-494d-8d13-3dac8733fc7e
SM_V9_PAR1      iris    exon    9090347 9090374 .       +       .
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c57d0d720acc
SM_V9_PAR1      iris    exon    9091248 9091503 .       +       .
        Parent=Smp_343570.1;Name=ee668319-a417-4105-8b27-
d99063a96606
SM_V9_PAR1      iris    exon    9091574 9091599 .       +       .
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SM_V9_PAR1      iris    exon    9091638 9091723 .       +       .

Parent=Smp_343570.1;Name=1f60b8ea-8069-423b-821b-203106ed9d78
SM_V9_PAR1      iris    exon    9091757 9092036 .       +       .
        Parent=Smp_343570.1;Name=71584c60-
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SM_V9_PAR1      iris    exon    9092075 9092253 .       +       .
        Parent=Smp_343570.1;Name=10f1b27d-74f0-4019-
acaf-3c74276f403c
SM_V9_PAR1      iris    exon    9092887 9092960 .       +       .
        Parent=Smp_343570.1;Name=ce60e4a8-9046-4595-
a752-397833338ec9
SM_V9_PAR1      iris    exon    9094470 9094925 .       +       .
        Parent=Smp_343570.1;Name=a3c83293-
ac5c-455a-9d6d-54bc277dcaa3
SM_V9_PAR1      iris    exon    9096481 9096833 .       +       .
        Parent=Smp_343570.1;Name=717cee2b-455f-4983-
a78e-5932303b5e32
SM_V9_PAR1      iris    exon    9098101 9098445 .       +       .

Parent=Smp_343570.1;Name=3821d6b6-55d4-4ad4-815c-324d9b02b564
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        Parent=Smp_343570.1
SM_V9_PAR1      iris    CDS     9090347 9090374 .       +       0
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        Parent=Smp_343570.1
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SM_V9_PAR1      iris    CDS     9091638 9091723 .       +       2
        Parent=Smp_343570.1
SM_V9_PAR1      iris    CDS     9091757 9092036 .       +       0
        Parent=Smp_343570.1
SM_V9_PAR1      iris    CDS     9092075 9092253 .       +       2
        Parent=Smp_343570.1
SM_V9_PAR1      iris    CDS     9092887 9092960 .       +       0
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        Parent=Smp_343570.1
SM_V9_PAR1      iris    CDS     9096481 9096833 .       +       1
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SM_V9_PAR1      iris    CDS     9098101 9098234 .       +       2
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SM_V9_PAR1      iris    gene    9190971 9192963 .       +       .

ID=Smp_204940;geneID=Smp_204940;gene_name=Smp_204940;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
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ID=Smp_204940.1;Parent=Smp_204940;geneID=Smp_204940;gene_name=Smp_20
4940;owner=irisadmin@local.host;orig_id=Smp_204940.1;date_last_modif
ied=2022-10-01;Name=Smp_204940.1;product=Uncharacterized protein
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J1S;date_creation=2022-10-01
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        Parent=Smp_204940.1;Name=Smp_204940.1-CDS
SM_V9_PAR1      iris    CDS     9190982 9191224 .       +       0
        Parent=Smp_204940.1
SM_V9_PAR1      Liftoff gene    9193381 9202423 .       +       .
        ID=Smp_176200;geneID=Smp_176200
SM_V9_PAR1      Liftoff mRNA    9193381 9202423 .       +       .

ID=Smp_176200.1;Parent=Smp_176200;geneID=Smp_176200;product=superoxi
de dismutase [Cu-Zn];evidence=Traceable Author
Statement;literature=PMID:1620165 PMID:1426133 PMID:7895835
PMID:15333927;polypeptide_domain=InterPro:IPR001424,IPR018152
Pfam:PF00080;Ontology_term=GO:0004784,GO:0006801,GO:0046872,GO:00551
14
SM_V9_PAR1      Liftoff exon    9193381 9193544 .       +       .
        Parent=Smp_176200.1
SM_V9_PAR1      Liftoff exon    9198382 9198666 .       +       .
        Parent=Smp_176200.1
SM_V9_PAR1      Liftoff exon    9201465 9202423 .       +       .
        Parent=Smp_176200.1
SM_V9_PAR1      Liftoff CDS     9193479 9193544 .       +       0
        Parent=Smp_176200.1
SM_V9_PAR1      Liftoff CDS     9198382 9198666 .       +       0
        Parent=Smp_176200.1
SM_V9_PAR1      Liftoff CDS     9201465 9201575 .       +       0
        Parent=Smp_176200.1
SM_V9_PAR1      iris    gene    9300698 9330614 .       -       .

ID=Smp_098300;geneID=Smp_098300;gene_name=Smp_098300;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    9300698 9330614 .       -       .

ID=Smp_098300.1;Parent=Smp_098300;geneID=Smp_098300;gene_name=Smp_09
8300;owner=irisadmin@local.host;orig_id=Smp_098300.1;date_last_modif
ied=2022-07-17;Name=Smp_098300.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    9300698 9303339 .       -       .
        Parent=Smp_098300.1;Name=b2f4f95b-f090-4cd3-
ba54-70c967ee29a2
SM_V9_PAR1      iris    exon    9330209 9330614 .       -       .
        Parent=Smp_098300.1;Name=34f2f4f5-5dba-438d-
b078-1969c3ec05c5
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SM_V9_PAR1      iris    CDS     9330209 9330472 .       -       0
        Parent=Smp_098300.1
SM_V9_PAR1      iris    gene    9450402 9512733 .       -       .

ID=Smp_212240;geneID=Smp_212240;gene_name=Smp_212240;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    9450402 9512733 .       -       .

ID=Smp_212240.1;Parent=Smp_212240;geneID=Smp_212240;gene_name=Smp_21
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2240;owner=irisadmin@local.host;orig_id=Smp_212240.1;date_last_modif
ied=2022-07-17;Name=Smp_212240.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    9450402 9452644 .       -       .
        Parent=Smp_212240.1;Name=eb156d06-a86b-4168-b125-
cf7b2a36148e
SM_V9_PAR1      iris    exon    9460940 9461054 .       -       .
        Parent=Smp_212240.1;Name=89840bab-9ea6-4a77-90e0-
ac1ef9123ac9
SM_V9_PAR1      iris    exon    9463081 9463527 .       -       .
        Parent=Smp_212240.1;Name=12892a07-33c1-48b5-81f8-
fa8484234f6c
SM_V9_PAR1      iris    exon    9466906 9467091 .       -       .
        Parent=Smp_212240.1;Name=1ffc1073-e150-45cf-
a22b-2e4d0d9ad7ac
SM_V9_PAR1      iris    exon    9480417 9481594 .       -       .
        Parent=Smp_212240.1;Name=31b2e71f-10f5-4bdb-93a2-
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SM_V9_PAR1      iris    exon    9512498 9512733 .       -       .

Parent=Smp_212240.1;Name=324da3a7-40c5-47a4-89fe-0cc876c88d35
SM_V9_PAR1      iris    CDS     9450678 9452644 .       -       2
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SM_V9_PAR1      iris    CDS     9460940 9461054 .       -       0
        Parent=Smp_212240.1
SM_V9_PAR1      iris    CDS     9463081 9463527 .       -       0
        Parent=Smp_212240.1
SM_V9_PAR1      iris    CDS     9466906 9467091 .       -       0
        Parent=Smp_212240.1
SM_V9_PAR1      iris    CDS     9480417 9481594 .       -       2
        Parent=Smp_212240.1
SM_V9_PAR1      iris    CDS     9512498 9512627 .       -       0
        Parent=Smp_212240.1
SM_V9_PAR1      Liftoff gene    9516070 9516363 .       +       .

ID=Smp_199020;geneID=Smp_199020;previous_systematic_id=Smp_175350
SM_V9_PAR1      Liftoff mRNA    9516070 9516363 .       +       .

ID=Smp_199020.1;Parent=Smp_199020;geneID=Smp_199020;product=Uncharac
terized protein YciW
SM_V9_PAR1      Liftoff exon    9516070 9516363 .       +       .
        Parent=Smp_199020.1
SM_V9_PAR1      Liftoff CDS     9516070 9516363 .       +       0
        Parent=Smp_199020.1
SM_V9_PAR1      iris    gene    9518410 9539137 .       -       .

ID=Smp_180470;geneID=Smp_180470;gene_name=Smp_180470;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    9518410 9539137 .       -       .

ID=Smp_180470.1;Parent=Smp_180470;geneID=Smp_180470;gene_name=Smp_18
0470;owner=irisadmin@local.host;orig_id=Smp_180470.1;date_last_modif
ied=2022-08-13;Name=Smp_180470.1;product=Cytoplasmic dynein 1
intermediate chain 2;date_creation=2022-08-13
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SM_V9_PAR1      iris    exon    9518410 9519153 .       -       .
        Parent=Smp_180470.1;Name=5475f5ab-dbc0-4f22-
b5ec-889afb98f7db
SM_V9_PAR1      iris    exon    9520387 9520690 .       -       .
        Parent=Smp_180470.1;Name=7dff1ab3-9406-47e6-8029-
c8cd69fe8329
SM_V9_PAR1      iris    exon    9521145 9521456 .       -       .

Parent=Smp_180470.1;Name=afbbd8a1-9477-4f0b-9e25-05c0143467e1
SM_V9_PAR1      iris    exon    9522727 9523038 .       -       .
        Parent=Smp_180470.1;Name=f4a35baa-
af01-4ead-8a1d-6d7eda42c1de
SM_V9_PAR1      iris    exon    9525879 9526035 .       -       .

Parent=Smp_180470.1;Name=d6234048-0488-4de5-8e62-9635390bc3a8
SM_V9_PAR1      iris    exon    9527380 9527571 .       -       .
        Parent=Smp_180470.1;Name=36b5d145-bcd1-43f0-b7a5-
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SM_V9_PAR1      iris    exon    9537120 9537143 .       -       .
        Parent=Smp_180470.1;Name=5a0f7edc-3c05-4f0c-bf84-
e1ca6306a52d
SM_V9_PAR1      iris    exon    9537911 9538038 .       -       .
        Parent=Smp_180470.1;Name=81a242be-8d69-4e10-963c-
cdb7fb4ee9ee
SM_V9_PAR1      iris    exon    9538830 9539137 .       -       .
        Parent=Smp_180470.1;Name=ad9ad2d2-e909-4db4-a41f-
bb5ae49ec1f3
SM_V9_PAR1      iris    CDS     9518881 9519153 .       -       0
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        Parent=Smp_180470.1
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        Parent=Smp_180470.1
SM_V9_PAR1      iris    CDS     9537120 9537143 .       -       2
        Parent=Smp_180470.1
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SM_V9_PAR1      iris    mRNA    9518410 9539137 .       -       .

ID=Smp_180470.2;Parent=Smp_180470;geneID=Smp_180470;gene_name=Smp_18
0470;owner=irisadmin@local.host;date_last_modified=2022-08-13;Name=S
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2;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    9518410 9519153 .       -       .
        Parent=Smp_180470.2;Name=c40e9152-
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SM_V9_PAR1      iris    exon    9520387 9520690 .       -       .
        Parent=Smp_180470.2;Name=d23dd7a4-7718-4701-8311-
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SM_V9_PAR1      iris    exon    9521145 9521456 .       -       .

Parent=Smp_180470.2;Name=74541eac-6402-40ae-9f35-8ebca2f4a26b
SM_V9_PAR1      iris    exon    9522727 9523038 .       -       .
        Parent=Smp_180470.2;Name=1d317c18-f422-44a8-886c-
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SM_V9_PAR1      iris    exon    9525879 9526035 .       -       .

Parent=Smp_180470.2;Name=0aa66226-5b33-4bc6-8c55-8306446e6f56
SM_V9_PAR1      iris    exon    9527380 9527571 .       -       .

Parent=Smp_180470.2;Name=445b3b39-9739-4921-86d3-161ad9af48f4
SM_V9_PAR1      iris    exon    9537911 9538038 .       -       .

Parent=Smp_180470.2;Name=6e51a46a-561c-4b35-9981-6e53fedb209b
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        Parent=Smp_180470.2;Name=4662f696-9db6-4b1f-
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SM_V9_PAR1      iris    CDS     9518881 9519153 .       -       0
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SM_V9_PAR1      iris    CDS     9520387 9520690 .       -       1
        Parent=Smp_180470.2
SM_V9_PAR1      iris    CDS     9521145 9521456 .       -       1
        Parent=Smp_180470.2
SM_V9_PAR1      iris    CDS     9522727 9523038 .       -       1
        Parent=Smp_180470.2
SM_V9_PAR1      iris    CDS     9525879 9526035 .       -       2
        Parent=Smp_180470.2
SM_V9_PAR1      iris    CDS     9527380 9527571 .       -       2
        Parent=Smp_180470.2
SM_V9_PAR1      iris    CDS     9537911 9538038 .       -       1
        Parent=Smp_180470.2
SM_V9_PAR1      iris    CDS     9538830 9539068 .       -       0
        Parent=Smp_180470.2
SM_V9_PAR1      Liftoff gene    9539241 9546052 .       +       .
        ID=Smp_180480;geneID=Smp_180480
SM_V9_PAR1      Liftoff mRNA    9539241 9546052 .       +       .

ID=Smp_180480.1;Parent=Smp_180480;geneID=Smp_180480;product=ELL-
associated factor 1;polypeptide_domain=InterPro:IPR019194
Pfam:PF09816
SM_V9_PAR1      Liftoff exon    9539241 9540662 .       +       .
        Parent=Smp_180480.1
SM_V9_PAR1      Liftoff exon    9542641 9546052 .       +       .
        Parent=Smp_180480.1
SM_V9_PAR1      Liftoff CDS     9540492 9540662 .       +       0
        Parent=Smp_180480.1
SM_V9_PAR1      Liftoff CDS     9542641 9543183 .       +       0
        Parent=Smp_180480.1
SM_V9_PAR1      Liftoff gene    9547911 9559331 .       +       .
        ID=Smp_104450;geneID=Smp_104450
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SM_V9_PAR1      Liftoff mRNA    9547911 9559331 .       +       .
ID=Smp_104450.1;Parent=Smp_104450;geneID=Smp_104450;product=UPF0061
protein YdiU
SM_V9_PAR1      Liftoff exon    9547911 9548788 .       +       .
        Parent=Smp_104450.1
SM_V9_PAR1      Liftoff exon    9551780 9559331 .       +       .
        Parent=Smp_104450.1
SM_V9_PAR1      Liftoff CDS     9548105 9548788 .       +       0
        Parent=Smp_104450.1
SM_V9_PAR1      Liftoff CDS     9551780 9552208 .       +       0
        Parent=Smp_104450.1
SM_V9_PAR1      Liftoff gene    9565731 9573539 .       +       .
        ID=Smp_104470;geneID=Smp_104470
SM_V9_PAR1      Liftoff mRNA    9565731 9573539 .       +       .
ID=Smp_104470.1;Parent=Smp_104470;geneID=Smp_104470;product=Lysine--
tRNA
ligase;polypeptide_domain=InterPro:IPR002313,IPR004364,IPR004365,IPR
006195,IPR012340,IPR018149,IPR034762
Pfam:PF00152,PF01336;Ontology_term=GO:0000166,GO:0003676,GO:0004812,
GO:0004824,GO:0005524,GO:0005737,GO:0006418,GO:0006430
SM_V9_PAR1      Liftoff exon    9565731 9565861 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9565897 9565966 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9566000 9566165 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9566201 9566377 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9566412 9566641 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9567909 9568191 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9570609 9570868 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9572610 9572822 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff exon    9572940 9573539 .       +       .
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff CDS     9565830 9565861 .       +       0
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff CDS     9565897 9565966 .       +       1
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff CDS     9566000 9566165 .       +       0
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff CDS     9566201 9566377 .       +       2
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff CDS     9566412 9566641 .       +       2
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff CDS     9567909 9568191 .       +       0
        Parent=Smp_104470.1
SM_V9_PAR1      Liftoff CDS     9570609 9570868 .       +       2
        Parent=Smp_104470.1
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SM_V9_PAR1      Liftoff CDS     9572610 9572822 .       +       0
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SM_V9_PAR1      Liftoff CDS     9572940 9573413 .       +       0
        Parent=Smp_104470.1
SM_V9_PAR1      iris    gene    9584226 9619419 .       +       .

ID=Smp_180500;geneID=Smp_180500;gene_name=Smp_180500;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    9584226 9603089 .       +       .

ID=Smp_180500.2;Parent=Smp_180500;geneID=Smp_180500;gene_name=Smp_18
0500;owner=irisadmin@local.host;orig_id=Smp_180500.1;date_last_modif
ied=2022-07-17;Name=Smp_180500.2;product=Phospholipid scramblase
3;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    9584226 9584274 .       +       .
        Parent=Smp_180500.2;Name=492d9568-99e8-447c-9daa-
df7418ca840f
SM_V9_PAR1      iris    exon    9584308 9584388 .       +       .
        Parent=Smp_180500.2;Name=01b0f91f-be18-44b2-a7a3-
f763225a0887
SM_V9_PAR1      iris    exon    9587403 9587617 .       +       .
        Parent=Smp_180500.2;Name=cce16b94-5634-4e43-9fb9-
c730eb9f92a1
SM_V9_PAR1      iris    exon    9589248 9589412 .       +       .
        Parent=Smp_180500.2;Name=6a19d5ad-09dc-4bbf-8742-
a8b470c0e1c3
SM_V9_PAR1      iris    exon    9596721 9596861 .       +       .
        Parent=Smp_180500.2;Name=84bf7a24-32fc-435f-
bbb9-8295e3b43092
SM_V9_PAR1      iris    exon    9602631 9603089 .       +       .
        Parent=Smp_180500.2;Name=f5aa43ef-6bea-4d0a-
b560-06f6fd4ffa1d
SM_V9_PAR1      iris    CDS     9584253 9584274 .       +       0
        Parent=Smp_180500.2
SM_V9_PAR1      iris    CDS     9584308 9584388 .       +       2
        Parent=Smp_180500.2
SM_V9_PAR1      iris    CDS     9587403 9587617 .       +       2
        Parent=Smp_180500.2
SM_V9_PAR1      iris    CDS     9589248 9589412 .       +       0
        Parent=Smp_180500.2
SM_V9_PAR1      iris    CDS     9596721 9596861 .       +       0
        Parent=Smp_180500.2
SM_V9_PAR1      iris    CDS     9602631 9602642 .       +       0
        Parent=Smp_180500.2
SM_V9_PAR1      iris    mRNA    9584226 9619419 .       +       .

ID=Smp_180500.1;Parent=Smp_180500;geneID=Smp_180500;gene_name=Smp_18
0500;owner=irisadmin@local.host;orig_id=Smp_180500.3;date_last_modif
ied=2022-08-19;Name=Smp_180500.1;product=Phospholipid scramblase
3;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    9584226 9584274 .       +       .
        Parent=Smp_180500.1;Name=14f0588a-7d0d-4f30-
a68a-2fb8ca9c8e9c
SM_V9_PAR1      iris    exon    9584308 9584388 .       +       .
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        Parent=Smp_180500.1;Name=17637c19-2ebf-4808-802f-
ecc6204028f9
SM_V9_PAR1      iris    exon    9587403 9587617 .       +       .
        Parent=Smp_180500.1;Name=894361fd-
e001-4ebb-913b-52d53b81fc65
SM_V9_PAR1      iris    exon    9589248 9589412 .       +       .
        Parent=Smp_180500.1;Name=f0dec991-7808-4efb-aa37-
bbb5ac412650
SM_V9_PAR1      iris    exon    9596721 9596861 .       +       .
        Parent=Smp_180500.1;Name=8009f874-bc15-4cc8-896b-
b083fbd46a2c
SM_V9_PAR1      iris    exon    9618360 9619419 .       +       .
        Parent=Smp_180500.1;Name=5d4783e9-64d2-4120-88fa-
c9215c7a449c
SM_V9_PAR1      iris    CDS     9584253 9584274 .       +       0
        Parent=Smp_180500.1
SM_V9_PAR1      iris    CDS     9584308 9584388 .       +       2
        Parent=Smp_180500.1
SM_V9_PAR1      iris    CDS     9587403 9587617 .       +       2
        Parent=Smp_180500.1
SM_V9_PAR1      iris    CDS     9589248 9589412 .       +       0
        Parent=Smp_180500.1
SM_V9_PAR1      iris    CDS     9596721 9596861 .       +       0
        Parent=Smp_180500.1
SM_V9_PAR1      iris    CDS     9618360 9618386 .       +       0
        Parent=Smp_180500.1
SM_V9_PAR1      iris    gene    9700445 9714031 .       -       .

ID=Smp_346660;geneID=Smp_346660;gene_name=Smp_346660;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR1      iris    mRNA    9700445 9714031 .       -       .

ID=Smp_346660.1;Parent=Smp_346660;geneID=Smp_346660;gene_name=Smp_34
6660;owner=irisadmin@local.host;orig_id=Smp_346660.1;date_last_modif
ied=2022-07-17;Name=Smp_346660.1;product=Protein
FAM46C;date_creation=2022-07-17
SM_V9_PAR1      iris    exon    9700445 9703930 .       -       .
        Parent=Smp_346660.1;Name=09da1b60-8d3b-4861-b3a2-
aa463efc57e9
SM_V9_PAR1      iris    exon    9713169 9714031 .       -       .
        Parent=Smp_346660.1;Name=8d5ca3c7-0ff3-4765-9c2a-
cd4cd39efb30
SM_V9_PAR1      iris    CDS     9702240 9703930 .       -       2
        Parent=Smp_346660.1
SM_V9_PAR1      iris    CDS     9713169 9713838 .       -       0
        Parent=Smp_346660.1
SM_V9_PAR1      iris    gene    9833175 9849539 .       +       .

ID=Smp_057860;geneID=Smp_057860;gene_name=Smp_057860;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR1      iris    mRNA    9833175 9849539 .       +       .

ID=Smp_057860.1;Parent=Smp_057860;geneID=Smp_057860;gene_name=Smp_05
7860;owner=irisadmin@local.host;orig_id=Smp_057860.1;date_last_modif
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ied=2022-08-19;Name=Smp_057860.1;product=Hypothetical
protein;date_creation=2022-08-19
SM_V9_PAR1      iris    exon    9833175 9833546 .       +       .

Parent=Smp_057860.1;Name=a8548b11-0a1a-4248-9471-6afa39bcf7ca
SM_V9_PAR1      iris    exon    9839762 9839872 .       +       .
        Parent=Smp_057860.1;Name=bfd09382-7855-485a-
b16b-78676ec870fa
SM_V9_PAR1      iris    exon    9844326 9844563 .       +       .
        Parent=Smp_057860.1;Name=334b5b34-5cf8-40e7-9328-
a8dcd2b328ee
SM_V9_PAR1      iris    exon    9849238 9849539 .       +       .
        Parent=Smp_057860.1;Name=251d19b0-1088-45f1-93df-
c56d6eec2c29
SM_V9_PAR1      iris    CDS     9833483 9833546 .       +       0
        Parent=Smp_057860.1
SM_V9_PAR1      iris    CDS     9839762 9839872 .       +       2
        Parent=Smp_057860.1
SM_V9_PAR1      iris    CDS     9844326 9844563 .       +       2
        Parent=Smp_057860.1
SM_V9_PAR1      iris    CDS     9849238 9849295 .       +       1
        Parent=Smp_057860.1
SM_V9_PAR1      Liftoff gene    9853018 9876041 .       -       .
        ID=Smp_153270;geneID=Smp_153270
SM_V9_PAR1      Liftoff mRNA    9853018 9876041 .       -       .

ID=Smp_153270.1;Parent=Smp_153270;geneID=Smp_153270;product=MORN
repeat-containing protein 1;polypeptide_domain=InterPro:IPR003409
Pfam:PF02493
SM_V9_PAR1      Liftoff exon    9853018 9853275 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9857033 9857287 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9859697 9859881 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9868539 9868686 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9869914 9870232 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9873844 9873925 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9873967 9874060 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9874095 9874406 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff exon    9874442 9876041 .       -       .
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9853124 9853275 .       -       2
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9857033 9857287 .       -       2
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9859697 9859881 .       -       1
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9868539 9868686 .       -       2
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        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9869914 9870232 .       -       0
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SM_V9_PAR1      Liftoff CDS     9873844 9873925 .       -       1
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9873967 9874060 .       -       2
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9874095 9874406 .       -       2
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff CDS     9874442 9874490 .       -       0
        Parent=Smp_153270.1
SM_V9_PAR1      Liftoff gene    9884325 9891287 .       +       .
        ID=Smp_322000;geneID=Smp_322000
SM_V9_PAR1      Liftoff mRNA    9884325 9891287 .       +       .

ID=Smp_322000.1;Parent=Smp_322000;geneID=Smp_322000;product=Transmem
brane protein 258;polypeptide_domain=InterPro:IPR007915
Pfam:PF05251;Ontology_term=GO:0006487,GO:0034998
SM_V9_PAR1      Liftoff exon    9884325 9884365 .       +       .
        Parent=Smp_322000.1
SM_V9_PAR1      Liftoff exon    9884403 9891287 .       +       .
        Parent=Smp_322000.1
SM_V9_PAR1      Liftoff CDS     9884360 9884365 .       +       0
        Parent=Smp_322000.1
SM_V9_PAR1      Liftoff CDS     9884403 9884642 .       +       0
        Parent=Smp_322000.1
SM_V9_PAR1      iris    gene    9895584 9897168 .       -       .

ID=Smp_211250;geneID=Smp_211250;gene_name=Smp_211250;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    9895584 9897168 .       -       .

ID=Smp_211250.1;Parent=Smp_211250;geneID=Smp_211250;gene_name=Smp_21
1250;owner=irisadmin@local.host;orig_id=Smp_211250.1;date_last_modif
ied=2022-08-13;Name=Smp_211250.1;product=60S ribosomal protein L34-
like protein;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    9895584 9895771 .       -       .
        Parent=Smp_211250.1;Name=58c0d04d-
bc84-4756-886b-4c9b59008bf8
SM_V9_PAR1      iris    exon    9895804 9896001 .       -       .
        Parent=Smp_211250.1;Name=87c19527-5201-4881-
ad5e-8772d9383a8b
SM_V9_PAR1      iris    exon    9897067 9897168 .       -       .
        Parent=Smp_211250.1;Name=3edf0ba4-52af-4725-
ba0d-02abc72da37b
SM_V9_PAR1      iris    CDS     9895612 9895771 .       -       1
        Parent=Smp_211250.1
SM_V9_PAR1      iris    CDS     9895804 9896001 .       -       1
        Parent=Smp_211250.1
SM_V9_PAR1      iris    CDS     9897067 9897128 .       -       0
        Parent=Smp_211250.1
SM_V9_PAR1      iris    gene    9901863 9916921 .       -       .

ID=Smp_347370;geneID=Smp_347370;gene_name=Smp_347370;owner=irisadmin
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@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    9901863 9916921 .       -       .

ID=Smp_347370.1;Parent=Smp_347370;geneID=Smp_347370;gene_name=Smp_34
7370;owner=irisadmin@local.host;orig_id=Smp_347370.1;date_last_modif
ied=2022-08-13;Name=Smp_347370.1;product=Beta-1,4-
galactosyltransferase 2;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    9901863 9902181 .       -       .
        Parent=Smp_347370.1;Name=13b36462-7862-4c2a-be8d-
cb4153c84225
SM_V9_PAR1      iris    exon    9903486 9903647 .       -       .
        Parent=Smp_347370.1;Name=6f87f7cd-
e06e-4b0f-8164-9a206ee89325
SM_V9_PAR1      iris    exon    9904244 9904471 .       -       .
        Parent=Smp_347370.1;Name=4adb81c7-324a-42ae-83f6-
c3f83c88dd50
SM_V9_PAR1      iris    exon    9905733 9905920 .       -       .
        Parent=Smp_347370.1;Name=b708a5f1-6bfc-439a-
ae5e-35cddfd1a422
SM_V9_PAR1      iris    exon    9909661 9909989 .       -       .
        Parent=Smp_347370.1;Name=411945b1-4467-478e-
a369-14ee3f80a470
SM_V9_PAR1      iris    exon    9914224 9914484 .       -       .
        Parent=Smp_347370.1;Name=387b5c29-
c883-405c-9836-18efe5bb34f1
SM_V9_PAR1      iris    exon    9916818 9916921 .       -       .

Parent=Smp_347370.1;Name=5052c64e-708c-4eb3-9d98-72a21f1ec535
SM_V9_PAR1      iris    CDS     9903521 9903647 .       -       1
        Parent=Smp_347370.1
SM_V9_PAR1      iris    CDS     9904244 9904471 .       -       1
        Parent=Smp_347370.1
SM_V9_PAR1      iris    CDS     9905733 9905920 .       -       0
        Parent=Smp_347370.1
SM_V9_PAR1      iris    CDS     9909661 9909834 .       -       0
        Parent=Smp_347370.1
SM_V9_PAR1      iris    gene    9920022 9939204 .       +       .

ID=Smp_344570;geneID=Smp_344570;gene_name=Smp_344570;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_PAR1      iris    mRNA    9920022 9939204 .       +       .

ID=Smp_344570.1;Parent=Smp_344570;geneID=Smp_344570;gene_name=Smp_34
4570;owner=irisadmin@local.host;orig_id=Smp_344570.1;date_last_modif
ied=2022-08-14;Name=Smp_344570.1;product=Fatty-acid and retinol-
binding protein 2;date_creation=2022-08-14
SM_V9_PAR1      iris    exon    9920022 9920076 .       +       .
        Parent=Smp_344570.1;Name=2b1fcca3-
b04e-4fd1-878f-6d95cdf4a0b7
SM_V9_PAR1      iris    exon    9922898 9923058 .       +       .
        Parent=Smp_344570.1;Name=4a9a94d4-3862-42bc-9442-
ad99197e0b4f
SM_V9_PAR1      iris    exon    9926335 9926620 .       +       .
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Parent=Smp_344570.1;Name=97779346-47dc-4b94-8ca0-162eb39f937b
SM_V9_PAR1      iris    exon    9930677 9930935 .       +       .
        Parent=Smp_344570.1;Name=120a7a7b-97d6-4946-b325-
c7293e1211b5
SM_V9_PAR1      iris    exon    9936052 9936222 .       +       .
        Parent=Smp_344570.1;Name=0e9b65de-b051-4390-a673-
f4ab0eaa6670
SM_V9_PAR1      iris    exon    9938560 9939204 .       +       .
        Parent=Smp_344570.1;Name=a6ee12f6-
c5d0-4a39-9781-4e2497cd01f3
SM_V9_PAR1      iris    CDS     9920024 9920076 .       +       0
        Parent=Smp_344570.1
SM_V9_PAR1      iris    CDS     9922898 9923058 .       +       1
        Parent=Smp_344570.1
SM_V9_PAR1      iris    CDS     9926335 9926620 .       +       2
        Parent=Smp_344570.1
SM_V9_PAR1      iris    CDS     9930677 9930935 .       +       1
        Parent=Smp_344570.1
SM_V9_PAR1      iris    CDS     9936052 9936222 .       +       0
        Parent=Smp_344570.1
SM_V9_PAR1      iris    CDS     9938560 9939033 .       +       0
        Parent=Smp_344570.1
SM_V9_PAR1      Liftoff gene    9951205 9991389 .       +       .
        ID=Smp_153250;geneID=Smp_153250
SM_V9_PAR1      Liftoff mRNA    9951205 9991389 .       +       .

ID=Smp_153250.1;Parent=Smp_153250;geneID=Smp_153250;product=Mediator
of RNA polymerase II transcription subunit
14;polypeptide_domain=InterPro:IPR013947
Pfam:PF08638;Ontology_term=GO:0001104,GO:0006357,GO:0016592
SM_V9_PAR1      Liftoff exon    9951205 9951351 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9951387 9951519 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9951556 9951650 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9951683 9951761 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9951792 9951921 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9951954 9951994 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9952031 9952115 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9952891 9953010 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9958325 9958519 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9963302 9963414 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9964945 9965013 .       +       .
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff exon    9966431 9967339 .       +       .
        Parent=Smp_153250.1
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SM_V9_PAR1	Liftoff exon	9968661 9968909 .	+	.
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SM_V9_PAR1	Liftoff exon	9971058 9971134 .	+	.
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff exon	9973525 9973841 .	+	.
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff exon	9975028 9975107 .	+	.
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SM_V9_PAR1	Liftoff exon	9977257 9977472 .	+	.
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff exon	9982271 9982348 .	+	.
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SM_V9_PAR1	Liftoff exon	9983225 9983560 .	+	.
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff exon	9985266 9985311 .	+	.
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff exon	9987084 9987577 .	+	.
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff exon	9988940 9989311 .	+	.
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SM_V9_PAR1	Liftoff exon	9990722 9991389 .	+	.
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SM_V9_PAR1	Liftoff CDS	9951227 9951351 .	+	0
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SM_V9_PAR1	Liftoff CDS	9951387 9951519 .	+	1
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SM_V9_PAR1	Liftoff CDS	9951556 9951650 .	+	0
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SM_V9_PAR1	Liftoff CDS	9951683 9951761 .	+	1
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff CDS	9951792 9951921 .	+	0
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SM_V9_PAR1	Liftoff CDS	9951954 9951994 .	+	2
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff CDS	9952031 9952115 .	+	0
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff CDS	9952891 9953010 .	+	2
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff CDS	9958325 9958519 .	+	2
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff CDS	9963302 9963414 .	+	2
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff CDS	9964945 9965013 .	+	0
	Parent=Smp_153250.1
SM_V9_PAR1	Liftoff CDS	9966431 9967339 .	+	0
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SM_V9_PAR1	Liftoff CDS	9968661 9968909 .	+	0
	Parent=Smp_153250.1
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	Parent=Smp_153250.1
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SM_V9_PAR1	Liftoff CDS	9975028 9975107 .	+	2
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SM_V9_PAR1      Liftoff CDS     9977257 9977472 .       +       0
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SM_V9_PAR1      Liftoff CDS     9983225 9983560 .       +       0
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SM_V9_PAR1      Liftoff CDS     9985266 9985311 .       +       0
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SM_V9_PAR1      Liftoff CDS     9987084 9987577 .       +       2
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff CDS     9988940 9989311 .       +       0
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SM_V9_PAR1      Liftoff CDS     9990722 9991120 .       +       0
        Parent=Smp_153250.1
SM_V9_PAR1      Liftoff gene    10001988        10145351        .
        +       .
ID=Smp_303980;geneID=Smp_303980;previous_systematic_id=Smp_057790,Sm
p_153230,Smp_153240,Smp_214150
SM_V9_PAR1      Liftoff mRNA    10001988        10145351        .
        +       .
ID=Smp_303980.1;Parent=Smp_303980;geneID=Smp_303980;product=fibrocys
tin l;evidence=Inferred from Sequence
Model;polypeptide_domain=InterPro:IPR002909,IPR006626,IPR008972,IPR0
08979,IPR011050,IPR012334,IPR013783,IPR014756,IPR019316
Pfam:PF01833,PF10162,PF13229
SM_V9_PAR1      Liftoff exon    10001988        10002096        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10005097        10005198        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10008314        10008449        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10009863        10009959        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10012510        10012567        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10013425        10013518        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10015492        10015545        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10016905        10016978        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10017025        10017067        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10017643        10017713        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10020825        10021025        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10021463        10021734        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10024076        10024134        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10026488        10026647        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10027452        10027569        .
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SM_V9_PAR1      Liftoff exon    10028691        10028834        .
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SM_V9_PAR1      Liftoff exon    10030504        10030667        .
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SM_V9_PAR1      Liftoff exon    10030794        10031003        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10033392        10033522        .
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SM_V9_PAR1      Liftoff exon    10036529        10036713        .
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SM_V9_PAR1      Liftoff exon    10039754        10039902        .
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SM_V9_PAR1      Liftoff exon    10040291        10040444        .
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SM_V9_PAR1      Liftoff exon    10043389        10043546        .
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SM_V9_PAR1      Liftoff exon    10044740        10044865        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10046516        10046621        .
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SM_V9_PAR1      Liftoff exon    10048048        10048344        .
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SM_V9_PAR1      Liftoff exon    10049632        10049759        .
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SM_V9_PAR1      Liftoff exon    10052569        10052704        .
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SM_V9_PAR1      Liftoff exon    10054432        10054621        .
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SM_V9_PAR1      Liftoff exon    10055154        10055419        .
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SM_V9_PAR1      Liftoff exon    10058765        10058944        .
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SM_V9_PAR1      Liftoff exon    10060439        10060600        .
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SM_V9_PAR1      Liftoff exon    10065084        10066682        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10068803        10068943        .
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SM_V9_PAR1      Liftoff exon    10070131        10070317        .
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SM_V9_PAR1      Liftoff exon    10071658        10071805        .
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SM_V9_PAR1      Liftoff exon    10074198        10074434        .
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SM_V9_PAR1      Liftoff exon    10075810        10075939        .
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SM_V9_PAR1      Liftoff exon    10079303        10079470        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10082125        10082328        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10084341        10084551        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10086054        10086347        .
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        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10088626        10088781        .
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SM_V9_PAR1      Liftoff exon    10090446        10090644        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10090967        10091175        .
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SM_V9_PAR1      Liftoff exon    10093359        10093842        .
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SM_V9_PAR1      Liftoff exon    10096175        10096346        .
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SM_V9_PAR1      Liftoff exon    10097638        10097840        .
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SM_V9_PAR1      Liftoff exon    10100010        10100295        .
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SM_V9_PAR1      Liftoff exon    10103016        10103267        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10105728        10105907        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10106635        10106844        .
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SM_V9_PAR1      Liftoff exon    10108124        10108355        .
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SM_V9_PAR1      Liftoff exon    10111400        10111572        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10112176        10112472        .
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SM_V9_PAR1      Liftoff exon    10118073        10118238        .
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SM_V9_PAR1      Liftoff exon    10121240        10121475        .
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SM_V9_PAR1      Liftoff exon    10123244        10123401        .
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SM_V9_PAR1      Liftoff exon    10125118        10125399        .
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SM_V9_PAR1      Liftoff exon    10126635        10126877        .
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SM_V9_PAR1      Liftoff exon    10130604        10130835        .
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SM_V9_PAR1      Liftoff exon    10132811        10133034        .
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SM_V9_PAR1      Liftoff exon    10135215        10135397        .
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SM_V9_PAR1      Liftoff exon    10138042        10138245        .
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SM_V9_PAR1      Liftoff exon    10140019        10140442        .
        +       .       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff exon    10143562        10143719        .
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SM_V9_PAR1      Liftoff exon    10145071        10145351        .
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SM_V9_PAR1      Liftoff CDS     10002045        10002096        .
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SM_V9_PAR1      Liftoff CDS     10005097        10005198        .
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        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10009863        10009959        .
        +       1       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10012510        10012567        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10013425        10013518        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10015492        10015545        .
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SM_V9_PAR1      Liftoff CDS     10016905        10016978        .
        +       1       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10017025        10017067        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10017643        10017713        .
        +       1       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10020825        10021025        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10021463        10021734        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10024076        10024134        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10026488        10026647        .
        +       1       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10027452        10027569        .
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SM_V9_PAR1      Liftoff CDS     10028691        10028834        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10030504        10030667        .
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SM_V9_PAR1      Liftoff CDS     10030794        10031003        .
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SM_V9_PAR1      Liftoff CDS     10033392        10033522        .
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SM_V9_PAR1      Liftoff CDS     10036529        10036713        .
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SM_V9_PAR1      Liftoff CDS     10039754        10039902        .
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SM_V9_PAR1      Liftoff CDS     10040291        10040444        .
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SM_V9_PAR1      Liftoff CDS     10043389        10043546        .
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SM_V9_PAR1      Liftoff CDS     10044740        10044865        .
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SM_V9_PAR1      Liftoff CDS     10046516        10046621        .
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SM_V9_PAR1      Liftoff CDS     10048048        10048344        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10049632        10049759        .
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SM_V9_PAR1      Liftoff CDS     10052569        10052704        .
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SM_V9_PAR1      Liftoff CDS     10054432        10054621        .
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SM_V9_PAR1      Liftoff CDS     10060439        10060600        .
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SM_V9_PAR1      Liftoff CDS     10065084        10066682        .
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SM_V9_PAR1      Liftoff CDS     10068803        10068943        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10070131        10070317        .
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SM_V9_PAR1      Liftoff CDS     10071658        10071805        .
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SM_V9_PAR1      Liftoff CDS     10074198        10074434        .
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SM_V9_PAR1      Liftoff CDS     10075810        10075939        .
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SM_V9_PAR1      Liftoff CDS     10079303        10079470        .
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SM_V9_PAR1      Liftoff CDS     10082125        10082328        .
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SM_V9_PAR1      Liftoff CDS     10084341        10084551        .
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SM_V9_PAR1      Liftoff CDS     10086054        10086347        .
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SM_V9_PAR1      Liftoff CDS     10088626        10088781        .
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SM_V9_PAR1      Liftoff CDS     10090446        10090644        .
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SM_V9_PAR1      Liftoff CDS     10090967        10091175        .
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SM_V9_PAR1      Liftoff CDS     10093359        10093842        .
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SM_V9_PAR1      Liftoff CDS     10096175        10096346        .
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SM_V9_PAR1      Liftoff CDS     10097638        10097840        .
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SM_V9_PAR1      Liftoff CDS     10100010        10100295        .
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SM_V9_PAR1      Liftoff CDS     10103016        10103267        .
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SM_V9_PAR1      Liftoff CDS     10105728        10105907        .
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SM_V9_PAR1      Liftoff CDS     10106635        10106844        .
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SM_V9_PAR1      Liftoff CDS     10108124        10108355        .
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SM_V9_PAR1      Liftoff CDS     10111400        10111572        .
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SM_V9_PAR1      Liftoff CDS     10112176        10112472        .
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SM_V9_PAR1      Liftoff CDS     10118073        10118238        .
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SM_V9_PAR1      Liftoff CDS     10123244        10123401        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10125118        10125399        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10126635        10126877        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10130604        10130835        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10132811        10133034        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10135215        10135397        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10138042        10138245        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10140019        10140442        .
        +       0       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10143562        10143719        .
        +       2       Parent=Smp_303980.1
SM_V9_PAR1      Liftoff CDS     10145071        10145157        .
        +       0       Parent=Smp_303980.1
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ID=Smp_214140;geneID=Smp_214140;gene_name=Smp_214140;owner=irisadmin
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ID=Smp_214140.1;Parent=Smp_214140;geneID=Smp_214140;gene_name=Smp_21
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SM_V9_PAR1      iris    exon    10152109        10152152        .
        +       .       Parent=Smp_214140.1;Name=7333f7b8-e575-43f0-
b816-d14c5c5b8999
SM_V9_PAR1      iris    exon    10154881        10155050        .
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Parent=Smp_214140.1;Name=54097d4c-419e-49e6-84c0-0e848ce54cf9
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SM_V9_PAR1      iris    exon    10156015        10156216        .
        +       .       Parent=Smp_214140.1;Name=b1969202-a89c-46be-
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SM_V9_PAR1      iris    exon    10157361        10157605        .
        +       .
Parent=Smp_214140.1;Name=67f80c22-48c3-4ade-8c73-63b95be48c84
SM_V9_PAR1      iris    exon    10160575        10160694        .
        +       .
Parent=Smp_214140.1;Name=532d0300-84f3-43a0-9867-faabeb19cefc
SM_V9_PAR1      iris    exon    10162109        10162171        .
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Parent=Smp_214140.1;Name=f6fd9711-609c-44da-9350-10cc5a0ffccd
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a0c8-629d2663473a
SM_V9_PAR1	iris	exon	10164910	10165443	.
	+	.	Parent=Smp_214140.1;Name=920659bd-
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SM_V9_PAR1	iris	CDS	10154955	10155050	.
	+	0	Parent=Smp_214140.1
SM_V9_PAR1	iris	CDS	10155084	10155173	.
	+	0	Parent=Smp_214140.1
SM_V9_PAR1	iris	CDS	10156015	10156216	.
	+	0	Parent=Smp_214140.1
SM_V9_PAR1	iris	CDS	10157361	10157605	.
	+	2	Parent=Smp_214140.1
SM_V9_PAR1	iris	CDS	10160575	10160694	.
	+	0	Parent=Smp_214140.1
SM_V9_PAR1	iris	CDS	10162109	10162171	.
	+	0	Parent=Smp_214140.1
SM_V9_PAR1	iris	CDS	10163610	10163750	.
	+	0	Parent=Smp_214140.1
SM_V9_PAR1	Liftoff	gene	10215859	10220010	.
	+	.	ID=Smp_153220;geneID=Smp_153220
SM_V9_PAR1	Liftoff	mRNA	10215859	10220010	.
	+	.
ID=Smp_153220.1;Parent=Smp_153220;geneID=Smp_153220;product=Leucine-
rich repeat-containing protein
69;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF00560,PF13855;Ontology_term=GO:0005515
SM_V9_PAR1	Liftoff	exon	10215859	10216055	.
	+	.	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	exon	10216110	10216236	.
	+	.	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	exon	10216450	10216592	.
	+	.	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	exon	10216633	10216704	.
	+	.	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	exon	10217793	10217866	.
	+	.	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	exon	10218036	10218162	.
	+	.	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	exon	10219413	10220010	.
	+	.	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	CDS	10215882	10216055	.
	+	0	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	CDS	10216110	10216236	.
	+	0	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	CDS	10216450	10216592	.
	+	2	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	CDS	10216633	10216704	.
	+	0	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	CDS	10217793	10217866	.
	+	0	Parent=Smp_153220.1
SM_V9_PAR1	Liftoff	CDS	10218036	10218162	.
	+	1	Parent=Smp_153220.1
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SM_V9_PAR1      Liftoff CDS     10219413        10219538        .
        +       0       Parent=Smp_153220.1
SM_V9_PAR1      Liftoff gene    10235420        10237365        .
        -       .       ID=Smp_153210;geneID=Smp_153210
SM_V9_PAR1      Liftoff mRNA    10235420        10237365        .
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ID=Smp_153210.1;Parent=Smp_153210;geneID=Smp_153210;product=FMRFamid
e
receptor;polypeptide_domain=InterPro:IPR017452;Ontology_term=GO:0016
021
SM_V9_PAR1      Liftoff exon    10235420        10237365        .
        -       .       Parent=Smp_153210.1
SM_V9_PAR1      Liftoff CDS     10235897        10237300        .
        -       0       Parent=Smp_153210.1
SM_V9_PAR1      iris    gene    10272193        10274438        .
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ID=Smp_153200;geneID=Smp_153200;gene_name=Smp_153200;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_PAR1      iris    mRNA    10272193        10274438        .
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ID=Smp_153200.1;Parent=Smp_153200;geneID=Smp_153200;gene_name=Smp_15
3200;owner=irisadmin@local.host;orig_id=Smp_153200.1;date_last_modif
ied=2022-08-20;Name=Smp_153200.1;product=FMRFamide
receptor;date_creation=2022-08-20
SM_V9_PAR1      iris    exon    10272193        10274438        .
        -       .       Parent=Smp_153200.1;Name=a8209419-ff5f-487c-
bda5-0bd7da1021a7
SM_V9_PAR1      iris    CDS     10272920        10274299        .
        -       0       Parent=Smp_153200.1
SM_V9_PAR1      Liftoff gene    10311339        10312021        .
        +       .       ID=Smp_322010;geneID=Smp_322010
SM_V9_PAR1      Liftoff mRNA    10311339        10312021        .
        +       .
ID=Smp_322010.1;Parent=Smp_322010;geneID=Smp_322010;product=Envelope
small membrane protein
SM_V9_PAR1      Liftoff exon    10311339        10311365        .
        +       .       Parent=Smp_322010.1
SM_V9_PAR1      Liftoff exon    10311687        10312021        .
        +       .       Parent=Smp_322010.1
SM_V9_PAR1      Liftoff CDS     10311360        10311365        .
        +       0       Parent=Smp_322010.1
SM_V9_PAR1      Liftoff CDS     10311687        10311887        .
        +       0       Parent=Smp_322010.1
SM_V9_PAR1      iris    gene    10363616        10423843        .
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ID=Smp_179590;geneID=Smp_179590;gene_name=Smp_179590;owner=irisadmin
@local.host;date_last_modified=2022-08-13;date_creation=2022-08-13
SM_V9_PAR1      iris    mRNA    10363616        10423843        .
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ID=Smp_179590.1;Parent=Smp_179590;geneID=Smp_179590;gene_name=Smp_17
9590;owner=irisadmin@local.host;orig_id=Smp_179590.1;date_last_modif
ied=2022-08-13;Name=Smp_179590.1;product=Dual 3',5'-cyclic-AMP and
-GMP phosphodiesterase 11;date_creation=2022-08-13
SM_V9_PAR1      iris    exon    10363616        10365535        .
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        -       .       Parent=Smp_179590.1;Name=57ff43d6-
be96-4ebf-81c3-6ab2fa7487a4
SM_V9_PAR1      iris    exon    10366873        10366956        .
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Parent=Smp_179590.1;Name=b35a44c0-5317-4798-8f22-7666a1bd9b1f
SM_V9_PAR1      iris    exon    10375668        10375742        .
        -       .       Parent=Smp_179590.1;Name=edde5c92-46d8-4d06-
b928-a018edcfac58
SM_V9_PAR1      iris    exon    10376587        10376853        .
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Parent=Smp_179590.1;Name=73850762-19cc-4fba-85b8-22474e51ace7
SM_V9_PAR1      iris    exon    10377474        10377671        .
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fa4c-4584-8abc-d9ea0a1f26bf
SM_V9_PAR1      iris    exon    10386153        10386345        .
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Parent=Smp_179590.1;Name=9d3f4611-4fd3-4e61-878b-19163586cf56
SM_V9_PAR1      iris    exon    10388287        10388792        .
        -       .       Parent=Smp_179590.1;Name=ca5666b3-56f1-4250-
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SM_V9_PAR1      iris    exon    10389427        10389522        .
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SM_V9_PAR1      iris    exon    10392749        10392812        .
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SM_V9_PAR1      iris    exon    10404107        10404198        .
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Parent=Smp_179590.1;Name=373600aa-9093-48d0-89f9-2bd87020f9cb
SM_V9_PAR1      iris    exon    10417375        10417539        .
        -       .       Parent=Smp_179590.1;Name=e180891b-5367-4960-
bb9a-f23b5d180459
SM_V9_PAR1      iris    exon    10421639        10421959        .
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SM_V9_PAR1      iris    exon    10422914        10423843        .
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abc1-29a174b90176
SM_V9_PAR1      iris    CDS     10365137        10365535        .
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SM_V9_PAR1      iris    CDS     10366873        10366956        .
        -       0       Parent=Smp_179590.1
SM_V9_PAR1      iris    CDS     10375668        10375742        .
        -       0       Parent=Smp_179590.1
SM_V9_PAR1      iris    CDS     10376587        10376853        .
        -       0       Parent=Smp_179590.1
SM_V9_PAR1      iris    CDS     10377474        10377671        .
        -       0       Parent=Smp_179590.1
SM_V9_PAR1      iris    CDS     10386153        10386345        .
        -       1       Parent=Smp_179590.1
SM_V9_PAR1      iris    CDS     10388287        10388792        .
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SM_V9_PAR1      iris    CDS     10389427        10389522        .
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SM_V9_PAR1      iris    CDS     10417375        10417539        .
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SM_V9_PAR1      iris    CDS     10422914        10423699        .
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SM_V9_PAR1      Liftoff gene    10431925        10453465        .
        -       .       ID=Smp_153190;geneID=Smp_153190
SM_V9_PAR1      Liftoff mRNA    10431925        10453465        .
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ID=Smp_153190.1;Parent=Smp_153190;geneID=Smp_153190;product=Integrat
or complex subunit 8
SM_V9_PAR1      Liftoff exon    10431925        10432729        .
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SM_V9_PAR1      Liftoff exon    10434086        10434470        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10435826        10436038        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10437740        10438296        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10439627        10440071        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10442053        10442307        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10443794        10444111        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10445634        10446266        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10447767        10448210        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10448983        10449531        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10450216        10450668        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff exon    10450707        10453465        .
        -       .       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff CDS     10432614        10432729        .
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SM_V9_PAR1      Liftoff CDS     10434086        10434470        .
        -       0       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff CDS     10435826        10436038        .
        -       0       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff CDS     10437740        10438296        .
        -       2       Parent=Smp_153190.1
SM_V9_PAR1      Liftoff CDS     10439627        10440071        .
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SM_V9_PAR1      Liftoff CDS     10442053        10442307        .
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SM_V9_PAR1	Liftoff	CDS	10445634	10446266	.
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SM_V9_PAR1	Liftoff	CDS	10448983	10449531	.
	-	0	Parent=Smp_153190.1
SM_V9_PAR1	Liftoff	CDS	10450216	10450668	.
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SM_V9_PAR1	Liftoff	CDS	10450707	10451246	.
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	+	.
ID=Smp_328230.1;Parent=Smp_328230;geneID=Smp_328230;product=Protein
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B;polypeptide_domain=InterPro:IPR010920,IPR019050,IPR025609,IPR02576
1,IPR025762,IPR025768 Pfam:PF12701
SM_V9_PAR1	Liftoff	exon	10472443	10472610	.
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SM_V9_PAR1	Liftoff	exon	10472648	10472814	.
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SM_V9_PAR1	Liftoff	exon	10472846	10472900	.
	+	.	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	exon	10472935	10473605	.
	+	.	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	exon	10473641	10473780	.
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SM_V9_PAR1	Liftoff	exon	10478960	10479566	.
	+	.	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	CDS	10472478	10472610	.
	+	0	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	CDS	10472648	10472814	.
	+	2	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	CDS	10472846	10472900	.
	+	0	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	CDS	10472935	10473605	.
	+	2	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	CDS	10473641	10473780	.
	+	0	Parent=Smp_328230.1
SM_V9_PAR1	Liftoff	CDS	10478960	10479206	.
	+	1	Parent=Smp_328230.1
SM_V9_PAR1	iris	gene	10490020	10607766	.
	+	.
ID=Smp_347710;geneID=Smp_347710;gene_name=Smp_347710;owner=irisadmin
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ID=Smp_347710.1;Parent=Smp_347710;geneID=Smp_347710;gene_name=Smp_34
7710;owner=irisadmin@local.host;orig_id=Smp_347710.1;date_last_modif
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protein;date_creation=2022-10-01
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	+	.	Parent=Smp_347710.1;Name=14c26c7c-
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SM_V9_PAR1	iris	exon	10517255	10517733	.
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SM_V9_PAR1	iris	exon	10540242	10540419	.
	+	.	Parent=Smp_347710.1;Name=8065711c-
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SM_V9_PAR1	iris	exon	10558185	10558223	.
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SM_V9_PAR1	iris	exon	10571115	10571318	.
	+	.	Parent=Smp_347710.1;Name=dc54d2ab-e771-4046-
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SM_V9_PAR1	iris	exon	10586425	10586904	.
	+	.	Parent=Smp_347710.1;Name=8b6d9a0b-cb54-44a7-
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	+	.	Parent=Smp_347710.1;Name=9784f095-8997-4269-
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SM_V9_PAR1	iris	exon	10596293	10596365	.
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SM_V9_PAR1	iris	exon	10596368	10596522	.
	+	.	Parent=Smp_347710.1;Name=2e4da697-4adb-4500-
b4a0-ddc8d93e7fb1
SM_V9_PAR1	iris	exon	10600155	10600256	.
	+	.	Parent=Smp_347710.1;Name=ed12dafc-bd9b-4b49-
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SM_V9_PAR1	iris	exon	10601567	10601650	.
	+	.	Parent=Smp_347710.1;Name=bb36d6e4-bdc1-45b8-
aaea-b53b1cc5a3ff
SM_V9_PAR1	iris	exon	10603903	10607756	.
	+	.	Parent=Smp_347710.1;Name=e369bddb-6ca0-430d-
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SM_V9_PAR1	iris	CDS	10514240	10514495	.
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SM_V9_PAR1	iris	CDS	10517255	10517733	.
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SM_V9_PAR1      iris    CDS     10558185        10558223        .
        +       2       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10559937        10560046        .
        +       2       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10562160        10562608        .
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SM_V9_PAR1      iris    CDS     10571115        10571318        .
        +       1       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10574227        10574296        .
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        +       0       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10596293        10596365        .
        +       2       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10596368        10596522        .
        +       1       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10600155        10600256        .
        +       2       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10601567        10601650        .
        +       2       Parent=Smp_347710.1
SM_V9_PAR1      iris    CDS     10603903        10606292        .
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SM_V9_PAR1      iris    mRNA    10595998        10607766        .
        +       .
ID=Smp_347710.2;Parent=Smp_347710;geneID=Smp_347710;gene_name=Smp_34
7710;owner=irisadmin@local.host;orig_id=Smp_304000.1;date_last_modif
ied=2022-10-04;Name=Smp_347710.2;product=Hypothetical
protein;date_creation=2022-10-04
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Parent=Smp_347710.2;Name=ef3212af-7600-428f-8556-585b81e0a795
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SM_V9_PAR1      iris    exon    10601567        10601650        .
        +       .       Parent=Smp_347710.2;Name=ceb01974-04a2-4e3f-
ac18-a3a7872be322
SM_V9_PAR1      iris    exon    10603903        10607766        .
        +       .       Parent=Smp_347710.2;Name=601ea9e9-64c0-4df1-
bd06-2ce20005b156
SM_V9_PAR1      iris    CDS     10596387        10596522        .
        +       0       Parent=Smp_347710.2
SM_V9_PAR1      iris    CDS     10600155        10600256        .
        +       2       Parent=Smp_347710.2
SM_V9_PAR1      iris    CDS     10601567        10601650        .
        +       2       Parent=Smp_347710.2
SM_V9_PAR1      iris    CDS     10603903        10606292        .
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        +       2       Parent=Smp_347710.2
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ID=Smp_153170;geneID=Smp_153170;gene_name=Smp_153170;owner=irisadmin
@local.host;date_last_modified=2022-11-08;date_creation=2022-11-08
SM_V9_PAR1      iris    mRNA    10606992        10679459        .
        +       .
ID=Smp_153170.1;Parent=Smp_153170;geneID=Smp_153170;gene_name=Smp_15
3170;owner=irisadmin@local.host;orig_id=Smp_153170.1;date_last_modif
ied=2022-11-08;Name=Smp_153170.1;product=Calcium/calmodulin-
dependent protein kinase type 1;date_creation=2022-11-08
SM_V9_PAR1      iris    exon    10606992        10608783        .
        +       .       Parent=Smp_153170.1;Name=988adefb-7959-4233-
ae8c-dbab18016312
SM_V9_PAR1      iris    exon    10611904        10612181        .
        +       .       Parent=Smp_153170.1;Name=7444c8ef-78d2-4a93-
b8e5-4f64c220a93c
SM_V9_PAR1      iris    exon    10615310        10615497        .
        +       .       Parent=Smp_153170.1;Name=a0f7a58c-
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SM_V9_PAR1      iris    exon    10619047        10619166        .
        +       .       Parent=Smp_153170.1;Name=1fd82ed9-0669-4072-
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SM_V9_PAR1      iris    exon    10622158        10622330        .
        +       .       Parent=Smp_153170.1;Name=5f86d458-7a0b-42ed-
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SM_V9_PAR1      iris    exon    10624402        10624482        .
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SM_V9_PAR1      iris    exon    10626795        10628673        .
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SM_V9_PAR1      iris    exon    10630812        10631182        .
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SM_V9_PAR1      iris    exon    10632494        10632663        .
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SM_V9_PAR1      iris    exon    10637358        10637529        .
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SM_V9_PAR1      iris    exon    10639013        10639402        .
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Parent=Smp_153170.1;Name=858cc31a-2c5b-4264-90f7-aeba4767bcca
SM_V9_PAR1      iris    exon    10639708        10639761        .
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Parent=Smp_153170.1;Name=ca2e4986-51ef-4f73-9eee-1a041271c1ac
SM_V9_PAR1      iris    exon    10644412        10644561        .
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SM_V9_PAR1      iris    exon    10646370        10646543        .
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Parent=Smp_153170.1;Name=45432493-721c-4e3b-80c5-b9f6d52276d2
SM_V9_PAR1      iris    exon    10648312        10648641        .
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SM_V9_PAR1      iris    exon    10649294        10649372        .
        +       .       Parent=Smp_153170.1;Name=ee4f8708-
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SM_V9_PAR1      iris    exon    10653041        10653244        .
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SM_V9_PAR1      iris    exon    10655943        10656081        .
        +       .       Parent=Smp_153170.1;Name=71074616-dff6-4b3b-
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SM_V9_PAR1      iris    exon    10657517        10657893        .
        +       .       Parent=Smp_153170.1;Name=fe96ea5a-42b1-4d7b-
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SM_V9_PAR1      iris    exon    10660197        10660352        .
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SM_V9_PAR1      iris    exon    10662401        10662524        .
        +       .       Parent=Smp_153170.1;Name=fb39e83e-
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SM_V9_PAR1      iris    exon    10664328        10664491        .
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SM_V9_PAR1      iris    exon    10666041        10666321        .
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Parent=Smp_153170.1;Name=a1bc7f94-0243-4522-8fab-dedfae882e35
SM_V9_PAR1      iris    exon    10667271        10667642        .
        +       .       Parent=Smp_153170.1;Name=e4a34cbd-
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SM_V9_PAR1      iris    exon    10667897        10668025        .
        +       .       Parent=Smp_153170.1;Name=3c7f6b6b-
c875-4af9-81f7-d1fa9080bc75
SM_V9_PAR1      iris    exon    10670041        10670211        .
        +       .       Parent=Smp_153170.1;Name=9ae4ddc4-9724-44a5-
b7a7-4feb68a687b2
SM_V9_PAR1      iris    exon    10670791        10671037        .
        +       .       Parent=Smp_153170.1;Name=0855fb43-
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SM_V9_PAR1      iris    exon    10672336        10672943        .
        +       .
Parent=Smp_153170.1;Name=a2ee7eaa-90a8-4952-89f9-03fdd79096e8
SM_V9_PAR1      iris    exon    10675192        10675267        .
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SM_V9_PAR1      iris    exon    10676409        10676648        .
        +       .       Parent=Smp_153170.1;Name=0fadddaa-b75d-4676-
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SM_V9_PAR1      iris    exon    10678692        10679459        .
        +       .       Parent=Smp_153170.1;Name=6a548676-
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SM_V9_PAR1      iris    CDS     10607100        10608783        .
        +       0       Parent=Smp_153170.1
SM_V9_PAR1      iris    CDS     10611904        10612181        .
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SM_V9_PAR1	iris	CDS	10615310	10615497	.
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SM_V9_PAR1	iris	CDS	10619047	10619166	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10622158	10622330	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10624402	10624482	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10626795	10628673	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10630812	10631182	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10632494	10632663	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10637358	10637529	.
	+	0	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10639013	10639402	.
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SM_V9_PAR1	iris	CDS	10639708	10639761	.
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SM_V9_PAR1	iris	CDS	10644412	10644561	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10646370	10646543	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10648312	10648641	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10649294	10649372	.
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SM_V9_PAR1	iris	CDS	10653041	10653244	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10655943	10656081	.
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SM_V9_PAR1	iris	CDS	10657517	10657893	.
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SM_V9_PAR1	iris	CDS	10660197	10660352	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10662401	10662524	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10664328	10664491	.
	+	0	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10666041	10666321	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10667271	10667642	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10667897	10668025	.
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SM_V9_PAR1	iris	CDS	10670041	10670211	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10670791	10671037	.
	+	2	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10672336	10672943	.
	+	1	Parent=Smp_153170.1
SM_V9_PAR1	iris	CDS	10675192	10675267	.
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SM_V9_PAR1      iris    CDS     10676409        10676648        .
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SM_V9_PAR2      Liftoff mRNA    13322   64595   .       -       .

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kinase;polypeptide_domain=InterPro:IPR000008,IPR000719,IPR001623,IPR
008271,IPR011009,IPR014020,IPR029021,IPR029023
Pfam:PF00069,PF10409;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR2      Liftoff exon    13322   14672   .       -       .
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SM_V9_PAR2      Liftoff exon    14824   14997   .       -       .
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SM_V9_PAR2      Liftoff exon    16959   17284   .       -       .
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff exon    18525   19458   .       -       .
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff exon    21817   22208   .       -       .
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff exon    23618   23844   .       -       .
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff exon    25951   26030   .       -       .
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SM_V9_PAR2      Liftoff exon    29640   29754   .       -       .
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SM_V9_PAR2      Liftoff exon    31614   31694   .       -       .
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SM_V9_PAR2      Liftoff exon    33742   34156   .       -       .
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SM_V9_PAR2      Liftoff exon    38387   38436   .       -       .
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SM_V9_PAR2      Liftoff exon    41297   41654   .       -       .
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SM_V9_PAR2      Liftoff exon    43144   43320   .       -       .
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SM_V9_PAR2      Liftoff exon    45416   45554   .       -       .
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SM_V9_PAR2      Liftoff exon    47613   47702   .       -       .
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SM_V9_PAR2      Liftoff exon    48833   49104   .       -       .
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SM_V9_PAR2      Liftoff exon    55569   55683   .       -       .
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff exon    55737   55796   .       -       .
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SM_V9_PAR2      Liftoff exon    55829   64595   .       -       .
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff CDS     14574   14672   .       -       0
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SM_V9_PAR2      Liftoff CDS     16959   17284   .       -       2
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff CDS     18525   19458   .       -       0
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff CDS     21817   22208   .       -       2
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SM_V9_PAR2      Liftoff CDS     25951   26030   .       -       0
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SM_V9_PAR2      Liftoff CDS     29640   29754   .       -       1
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SM_V9_PAR2      Liftoff CDS     31614   31694   .       -       1
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SM_V9_PAR2      Liftoff CDS     41297   41654   .       -       2
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SM_V9_PAR2      Liftoff CDS     47613   47702   .       -       0
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SM_V9_PAR2      Liftoff CDS     48833   49104   .       -       2
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SM_V9_PAR2      Liftoff CDS     55569   55683   .       -       0
        Parent=Smp_047190.1
SM_V9_PAR2      Liftoff CDS     55737   55796   .       -       0
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SM_V9_PAR2      Liftoff CDS     55829   56023   .       -       0
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SM_V9_PAR2      Liftoff mRNA    81323   82817   .       +       .

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Pfam:PF00297;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_PAR2      Liftoff exon    81323   81365   .       +       .
        Parent=Smp_047200.1
SM_V9_PAR2      Liftoff exon    81400   81897   .       +       .
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SM_V9_PAR2      Liftoff exon    81932   82298   .       +       .
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SM_V9_PAR2      Liftoff exon    82331   82677   .       +       .
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SM_V9_PAR2      Liftoff exon    82721   82817   .       +       .
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SM_V9_PAR2      Liftoff CDS     81363   81365   .       +       0
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SM_V9_PAR2      Liftoff CDS     81400   81897   .       +       0
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SM_V9_PAR2      Liftoff CDS     81932   82298   .       +       0
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SM_V9_PAR2      Liftoff CDS     82331   82677   .       +       2
        Parent=Smp_047200.1
SM_V9_PAR2      Liftoff CDS     82721   82765   .       +       0
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SM_V9_PAR2      Liftoff gene    102311  151485  .       +       .
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Pfam:PF04734,PF17048
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SM_V9_PAR2      Liftoff exon    108080  108259  .       +       .
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SM_V9_PAR2      Liftoff exon    110466  110593  .       +       .
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff exon    113116  113314  .       +       .
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff exon    115795  115917  .       +       .
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SM_V9_PAR2      Liftoff exon    115964  116050  .       +       .
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff exon    116123  116215  .       +       .
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SM_V9_PAR2      Liftoff exon    116265  116355  .       +       .
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SM_V9_PAR2      Liftoff exon    116408  116520  .       +       .
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff exon    119587  119721  .       +       .
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff exon    130789  130905  .       +       .
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SM_V9_PAR2      Liftoff exon    133149  133244  .       +       .
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SM_V9_PAR2      Liftoff CDS     104801  104941  .       +       0
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        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff CDS     106434  106583  .       +       0
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SM_V9_PAR2      Liftoff CDS     108080  108259  .       +       0
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SM_V9_PAR2      Liftoff CDS     110466  110593  .       +       0
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff CDS     113116  113314  .       +       1
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SM_V9_PAR2      Liftoff CDS     115795  115917  .       +       0
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SM_V9_PAR2      Liftoff CDS     115964  116050  .       +       0
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff CDS     116123  116215  .       +       0
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff CDS     116265  116355  .       +       0
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff CDS     116408  116520  .       +       2
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SM_V9_PAR2      Liftoff CDS     119587  119721  .       +       0
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff CDS     130789  130905  .       +       0
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SM_V9_PAR2      Liftoff CDS     133149  133244  .       +       0
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SM_V9_PAR2      Liftoff CDS     150733  150952  .       +       1
        Parent=Smp_147460.1
SM_V9_PAR2      Liftoff mRNA    102311  151485  .       +       .

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SM_V9_PAR2      Liftoff exon    108080  108259  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    110466  110593  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    113116  113314  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    115795  115917  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    115964  116050  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    116123  116215  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    116265  116355  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    116408  116520  .       +       .
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        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    119587  119721  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    130789  130905  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    133149  133244  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    136137  136280  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff exon    150733  151485  .       +       .
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     104801  104941  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     106434  106583  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     108080  108259  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     110466  110593  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     113116  113314  .       +       1
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     115795  115917  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     115964  116050  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     116123  116215  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     116265  116355  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     116408  116520  .       +       2
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     119587  119721  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     130789  130905  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     133149  133244  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     136137  136280  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff CDS     150733  150750  .       +       0
        Parent=Smp_147460.2
SM_V9_PAR2      Liftoff gene    154834  183725  .       -       .

ID=Smp_242800;geneID=Smp_242800;previous_systematic_id=Smp_162880
SM_V9_PAR2      Liftoff mRNA    154834  183725  .       -       .

ID=Smp_242800.1;Parent=Smp_242800;geneID=Smp_242800;product=Putative
neutral
sphingomyelinase;polypeptide_domain=InterPro:IPR005135,IPR036691
Pfam:PF03372
SM_V9_PAR2      Liftoff exon    154834  155840  .       -       .
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff exon    160367  160507  .       -       .
        Parent=Smp_242800.1
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SM_V9_PAR2      Liftoff exon    167230  167407  .       -       .
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff exon    176007  176216  .       -       .
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff exon    182843  183029  .       -       .
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff exon    183066  183142  .       -       .
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff exon    183179  183281  .       -       .
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff exon    183315  183725  .       -       .
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     155482  155840  .       -       2
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     160367  160507  .       -       2
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     167230  167407  .       -       0
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     176007  176216  .       -       0
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     182843  183029  .       -       1
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     183066  183142  .       -       0
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     183179  183281  .       -       1
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff CDS     183315  183355  .       -       0
        Parent=Smp_242800.1
SM_V9_PAR2      Liftoff mRNA    154834  183725  .       -       .

ID=Smp_242800.2;Parent=Smp_242800;geneID=Smp_242800;product=Putative
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sphingomyelinase;polypeptide_domain=InterPro:IPR005135,IPR036691
Pfam:PF03372
SM_V9_PAR2      Liftoff exon    154834  155840  .       -       .
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff exon    160367  160507  .       -       .
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff exon    167230  167407  .       -       .
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff exon    176007  176216  .       -       .
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff exon    182843  183725  .       -       .
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff CDS     155482  155840  .       -       2
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff CDS     160367  160507  .       -       2
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff CDS     167230  167407  .       -       0
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff CDS     176007  176216  .       -       0
        Parent=Smp_242800.2
SM_V9_PAR2      Liftoff CDS     182843  183010  .       -       0
        Parent=Smp_242800.2
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SM_V9_PAR2      Liftoff gene    193391  202765  .       +       .
        ID=Smp_075470;geneID=Smp_075470
SM_V9_PAR2      Liftoff mRNA    193391  202765  .       +       .

ID=Smp_075470.1;Parent=Smp_075470;geneID=Smp_075470;product=Cysteine
desulfurase,
mitochondrial;polypeptide_domain=InterPro:IPR000192,IPR010240,IPR015
421,IPR015422,IPR015424,IPR016454,IPR020578
Pfam:PF00266;Ontology_term=GO:0003824,GO:0030170,GO:0031071,GO:00445
71
SM_V9_PAR2      Liftoff exon    193391  193509  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    193545  193627  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    193663  193779  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    193815  193952  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    193989  194087  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    194121  194303  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    196227  196430  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    199263  199450  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    202068  202241  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff exon    202402  202765  .       +       .
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     193425  193509  .       +       0
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     193545  193627  .       +       2
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SM_V9_PAR2      Liftoff CDS     193663  193779  .       +       0
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     193815  193952  .       +       0
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     193989  194087  .       +       0
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     194121  194303  .       +       0
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     196227  196430  .       +       0
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     199263  199450  .       +       0
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     202068  202241  .       +       1
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff CDS     202402  202465  .       +       1
        Parent=Smp_075470.1
SM_V9_PAR2      Liftoff gene    217351  221531  .       +       .
        ID=Smp_076230;geneID=Smp_076230
SM_V9_PAR2      Liftoff mRNA    217351  221531  .       +       .
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ID=Smp_076230.1;Parent=Smp_076230;geneID=Smp_076230;product=Proteaso
me subunit alpha type-7-
like;polypeptide_domain=InterPro:IPR000426,IPR001353,IPR023332,IPR02
9055
Pfam:PF00227,PF10584;Ontology_term=GO:0004175,GO:0004298,GO:0005839,
GO:0006511,GO:0019773,GO:0051603
SM_V9_PAR2      Liftoff exon    217351  217513  .       +       .
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff exon    217547  217673  .       +       .
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff exon    217706  217953  .       +       .
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff exon    217986  218195  .       +       .
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff exon    220924  221531  .       +       .
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff CDS     217412  217513  .       +       0
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff CDS     217547  217673  .       +       0
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff CDS     217706  217953  .       +       2
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff CDS     217986  218195  .       +       0
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff CDS     220924  221031  .       +       0
        Parent=Smp_076230.1
SM_V9_PAR2      Liftoff gene    221089  266827  .       -       .
        ID=Smp_163250;geneID=Smp_163250
SM_V9_PAR2      Liftoff mRNA    221089  266827  .       -       .

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homolog;polypeptide_domain=InterPro:IPR011047,IPR011990,IPR015943;On
tology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    221089  221388  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    223221  223362  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    224915  225108  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    229073  229489  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    232906  233220  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    235349  235625  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    237548  237643  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    241204  241394  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    244348  244512  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    247143  247565  .       -       .
        Parent=Smp_163250.1
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SM_V9_PAR2      Liftoff exon    248723  248866  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    251349  251632  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    255246  255733  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    257286  257413  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    259044  259135  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    259815  259890  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    261530  261924  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    262357  262719  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    263951  264155  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    265661  265869  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    265908  266014  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    266052  266443  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff exon    266476  266827  .       -       .
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     221161  221388  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     223221  223362  .       -       1
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     224915  225108  .       -       0
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SM_V9_PAR2      Liftoff CDS     229073  229489  .       -       0
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SM_V9_PAR2      Liftoff CDS     232906  233220  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     235349  235625  .       -       1
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     237548  237643  .       -       1
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SM_V9_PAR2      Liftoff CDS     241204  241394  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     244348  244512  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     247143  247565  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     248723  248866  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     251349  251632  .       -       2
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     255246  255733  .       -       1
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     257286  257413  .       -       0
        Parent=Smp_163250.1
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SM_V9_PAR2      Liftoff CDS     259044  259135  .       -       2
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SM_V9_PAR2      Liftoff CDS     259815  259890  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     261530  261924  .       -       2
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     262357  262719  .       -       2
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     263951  264155  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     265661  265869  .       -       2
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     265908  266014  .       -       1
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     266052  266443  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff CDS     266476  266616  .       -       0
        Parent=Smp_163250.1
SM_V9_PAR2      Liftoff gene    271581  277582  .       +       .
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SM_V9_PAR2      Liftoff mRNA    271581  277582  .       +       .

ID=Smp_163260.1;Parent=Smp_163260;geneID=Smp_163260;product=WW
domain-binding protein 11;polypeptide_domain=InterPro:IPR019007
Pfam:PF09429;Ontology_term=GO:0006396
SM_V9_PAR2      Liftoff exon    271581  271854  .       +       .
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SM_V9_PAR2      Liftoff exon    271891  271988  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff exon    272026  272113  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff exon    272145  272286  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff exon    273248  273407  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff exon    273452  273521  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff exon    273926  274054  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff exon    275173  275445  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff exon    276130  277582  .       +       .
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     271665  271854  .       +       0
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     271891  271988  .       +       2
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     272026  272113  .       +       0
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     272145  272286  .       +       2
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     273248  273407  .       +       1
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     273452  273521  .       +       0
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        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     273926  274054  .       +       2
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     275173  275445  .       +       2
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff CDS     276130  276254  .       +       2
        Parent=Smp_163260.1
SM_V9_PAR2      Liftoff gene    282281  297483  .       +       .
        ID=Smp_267080;geneID=Smp_267080
SM_V9_PAR2      Liftoff mRNA    282281  297483  .       +       .

ID=Smp_267080.1;Parent=Smp_267080;geneID=Smp_267080;product=16 kDa
calcium-binding
protein;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF00036,PF13202,PF13499;Ontology_term=GO:0005509
SM_V9_PAR2      Liftoff exon    282281  288474  .       +       .
        Parent=Smp_267080.1
SM_V9_PAR2      Liftoff exon    294910  295007  .       +       .
        Parent=Smp_267080.1
SM_V9_PAR2      Liftoff exon    297125  297483  .       +       .
        Parent=Smp_267080.1
SM_V9_PAR2      Liftoff CDS     288349  288474  .       +       0
        Parent=Smp_267080.1
SM_V9_PAR2      Liftoff CDS     294910  295007  .       +       0
        Parent=Smp_267080.1
SM_V9_PAR2      Liftoff CDS     297125  297332  .       +       1
        Parent=Smp_267080.1
SM_V9_PAR2      Liftoff gene    302731  320612  .       +       .

ID=Smp_345410;geneID=Smp_345410;previous_systematic_id=Smp_163270
SM_V9_PAR2      Liftoff mRNA    302731  320612  .       +       .

ID=Smp_345410.1;Parent=Smp_345410;geneID=Smp_345410;product=Protein
C12orf4 homolog;polypeptide_domain=InterPro:IPR019311 Pfam:PF10154
SM_V9_PAR2      Liftoff exon    302731  309233  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    309269  309414  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    309451  309629  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    311987  312238  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    313257  313463  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    316358  316482  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    317243  317410  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    319294  319550  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff exon    320220  320612  .       +       .
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff CDS     309080  309233  .       +       0
        Parent=Smp_345410.1
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SM_V9_PAR2      Liftoff CDS     309269  309414  .       +       2
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SM_V9_PAR2      Liftoff CDS     309451  309629  .       +       0
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff CDS     311987  312238  .       +       1
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff CDS     313257  313463  .       +       1
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff CDS     316358  316482  .       +       1
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff CDS     317243  317410  .       +       2
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff CDS     319294  319550  .       +       2
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff CDS     320220  320429  .       +       0
        Parent=Smp_345410.1
SM_V9_PAR2      Liftoff gene    324867  349277  .       -       .
        ID=Smp_076300;geneID=Smp_076300
SM_V9_PAR2      Liftoff mRNA    324867  349277  .       -       .

ID=Smp_076300.1;Parent=Smp_076300;geneID=Smp_076300;product=Forkhead
box protein F1-
B;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR018122,IPR03045
6 Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_PAR2      Liftoff exon    324867  325622  .       -       .
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff exon    327916  329505  .       -       .
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff exon    332434  332643  .       -       .
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff exon    346379  349277  .       -       .
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff CDS     325522  325622  .       -       2
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff CDS     327916  329505  .       -       2
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff CDS     332434  332643  .       -       2
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff CDS     346379  348539  .       -       0
        Parent=Smp_076300.1
SM_V9_PAR2      Liftoff gene    401744  420187  .       -       .

ID=Smp_345420;geneID=Smp_345420;previous_systematic_id=Smp_163280
SM_V9_PAR2      Liftoff mRNA    401744  419947  .       -       .

ID=Smp_345420.1;Parent=Smp_345420;geneID=Smp_345420;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    401744  402149  .       -       .
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff exon    404089  404510  .       -       .
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff exon    414390  414444  .       -       .
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff exon    415780  415816  .       -       .
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        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff exon    417183  417229  .       -       .
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff exon    417265  417386  .       -       .
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff exon    417421  419947  .       -       .
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff CDS     401846  402149  .       -       1
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff CDS     404089  404510  .       -       0
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff CDS     414390  414444  .       -       1
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff CDS     415780  415816  .       -       2
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff CDS     417183  417229  .       -       1
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff CDS     417265  417386  .       -       0
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff CDS     417421  417552  .       -       0
        Parent=Smp_345420.1
SM_V9_PAR2      Liftoff mRNA    401744  420187  .       -       .

ID=Smp_345420.2;Parent=Smp_345420;geneID=Smp_345420;product=Hypothet
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SM_V9_PAR2      Liftoff exon    401744  402149  .       -       .
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SM_V9_PAR2      Liftoff exon    404089  404510  .       -       .
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff exon    414390  414444  .       -       .
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff exon    415780  415816  .       -       .
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff exon    417183  417226  .       -       .
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff exon    417265  417386  .       -       .
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff exon    417421  420187  .       -       .
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff CDS     401846  402149  .       -       1
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff CDS     404089  404510  .       -       0
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff CDS     414390  414444  .       -       1
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff CDS     415780  415816  .       -       2
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff CDS     417183  417226  .       -       1
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff CDS     417265  417386  .       -       0
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff CDS     417421  417552  .       -       0
        Parent=Smp_345420.2
SM_V9_PAR2      Liftoff gene    425291  426595  .       +       .
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        ID=Smp_076320;geneID=Smp_076320
SM_V9_PAR2      Liftoff mRNA    425291  426595  .       +       .

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SANT-like DNA-binding domain-containing protein
3;polypeptide_domain=InterPro:IPR001005,IPR028002 Pfam:PF13873
SM_V9_PAR2      Liftoff exon    425291  426595  .       +       .
        Parent=Smp_076320.1
SM_V9_PAR2      Liftoff CDS     425321  426547  .       +       0
        Parent=Smp_076320.1
SM_V9_PAR2      Liftoff gene    430833  469547  .       -       .
        ID=Smp_163290;geneID=Smp_163290
SM_V9_PAR2      Liftoff mRNA    430833  469547  .       -       .

ID=Smp_163290.1;Parent=Smp_163290;geneID=Smp_163290;product=Nuclear
receptor corepressor
1;polypeptide_domain=InterPro:IPR001005,IPR009057,IPR017884;Ontology
_term=GO:0003677
SM_V9_PAR2      Liftoff exon    430833  432095  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    432704  433044  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    436563  436689  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    437381  437563  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    438651  439202  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    439344  439537  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    440343  440483  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    442029  442374  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    442867  443090  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    444137  444200  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    446326  446481  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    446785  446876  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    449982  450195  .       -       .
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SM_V9_PAR2      Liftoff exon    452549  453136  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    455133  455212  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    456436  456598  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    456925  457182  .       -       .
        Parent=Smp_163290.1
SM_V9_PAR2      Liftoff exon    457530  457856  .       -       .
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SM_V9_PAR2	Liftoff exon	462095	462940	.	-	.
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff exon	463973	464172	.	-	.
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff exon	464804	465202	.	-	.
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff exon	469031	469547	.	-	.
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	431841	432095	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	432704	433044	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	436563	436689	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	437381	437563	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	438651	439202	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	439344	439537	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	440343	440483	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	442029	442374	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	442867	443090	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	444137	444200	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	446326	446481	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	446785	446876	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	449982	450195	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	452549	453136	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	455133	455212	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	456436	456598	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	456925	457182	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	457530	457856	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	462095	462940	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	463973	464172	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	464804	465202	.	-	2
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff CDS	469031	469334	.	-	0
	Parent=Smp_163290.1
SM_V9_PAR2	Liftoff mRNA	430833	469547	.	-	.
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ID=Smp_163290.2;Parent=Smp_163290;geneID=Smp_163290;product=Nuclear
receptor corepressor
1;polypeptide_domain=InterPro:IPR001005,IPR009057,IPR017884;Ontology
_term=GO:0003677
SM_V9_PAR2      Liftoff exon    430833  446650  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    446785  446876  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    449982  450195  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    452549  453136  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    455133  455212  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    456436  456598  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    456925  457182  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    462095  462940  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    463973  464172  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    464804  465202  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff exon    469031  469547  .       -       .
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     446633  446650  .       -       0
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     446785  446876  .       -       2
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     449982  450195  .       -       0
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     452549  453136  .       -       0
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     455133  455212  .       -       2
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     456436  456598  .       -       0
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     456925  457182  .       -       0
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     462095  462940  .       -       0
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     463973  464172  .       -       2
        Parent=Smp_163290.2
SM_V9_PAR2      Liftoff CDS     464804  465202  .       -       2
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SM_V9_PAR2      Liftoff CDS     469031  469334  .       -       0
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SM_V9_PAR2      Liftoff gene    479951  485210  .       +       .
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SM_V9_PAR2      Liftoff mRNA    479951  485210  .       +       .

ID=Smp_163300.1;Parent=Smp_163300;geneID=Smp_163300;product=m7GpppX
diphosphatase;polypeptide_domain=InterPro:IPR008594,IPR011145,IPR011
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146
Pfam:PF05652,PF11969;Ontology_term=GO:0000290,GO:0003824,GO:0016787
SM_V9_PAR2      Liftoff exon    479951  485210  .       +       .
        Parent=Smp_163300.1
SM_V9_PAR2      Liftoff CDS     483933  485105  .       +       0
        Parent=Smp_163300.1
SM_V9_PAR2      Liftoff gene    488162  494377  .       -       .
        ID=Smp_076370;geneID=Smp_076370
SM_V9_PAR2      Liftoff mRNA    488162  494377  .       -       .

ID=Smp_076370.1;Parent=Smp_076370;geneID=Smp_076370;product=Putative
apoptosis inhibitor ORF99;polypeptide_domain=InterPro:IPR001370
Pfam:PF00653
SM_V9_PAR2      Liftoff exon    488162  489679  .       -       .
        Parent=Smp_076370.1
SM_V9_PAR2      Liftoff exon    491964  494377  .       -       .
        Parent=Smp_076370.1
SM_V9_PAR2      Liftoff CDS     488598  489679  .       -       2
        Parent=Smp_076370.1
SM_V9_PAR2      Liftoff CDS     491964  492066  .       -       0
        Parent=Smp_076370.1
SM_V9_PAR2      Liftoff gene    533460  549358  .       +       .

ID=Smp_347230;geneID=Smp_347230;previous_systematic_id=Smp_204780
SM_V9_PAR2      Liftoff mRNA    533460  549358  .       +       .

ID=Smp_347230.1;Parent=Smp_347230;geneID=Smp_347230;product=Probable
4-amino-4-deoxy-L-arabinose-phosphoundecaprenol flippase subunit
ArnF
SM_V9_PAR2      Liftoff exon    533460  549358  .       +       .
        Parent=Smp_347230.1
SM_V9_PAR2      Liftoff CDS     548829  549059  .       +       0
        Parent=Smp_347230.1
SM_V9_PAR2      Liftoff gene    553793  556399  .       -       .
        ID=Smp_076390;geneID=Smp_076390
SM_V9_PAR2      Liftoff mRNA    553793  556399  .       -       .

ID=Smp_076390.1;Parent=Smp_076390;geneID=Smp_076390;product=Ceramide
-1-phosphate transfer protein;polypeptide_domain=InterPro:IPR014830
Pfam:PF08718;Ontology_term=GO:0005737,GO:0120009,GO:0120013
SM_V9_PAR2      Liftoff exon    553793  554425  .       -       .
        Parent=Smp_076390.1
SM_V9_PAR2      Liftoff exon    555700  555950  .       -       .
        Parent=Smp_076390.1
SM_V9_PAR2      Liftoff exon    555980  556399  .       -       .
        Parent=Smp_076390.1
SM_V9_PAR2      Liftoff CDS     554136  554425  .       -       2
        Parent=Smp_076390.1
SM_V9_PAR2      Liftoff CDS     555700  555950  .       -       1
        Parent=Smp_076390.1
SM_V9_PAR2      Liftoff CDS     555980  556101  .       -       0
        Parent=Smp_076390.1
SM_V9_PAR2      Liftoff mRNA    554031  556380  .       -       .
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ID=Smp_076390.2;Parent=Smp_076390;geneID=Smp_076390;product=Ceramide
-1-phosphate transfer protein;polypeptide_domain=InterPro:IPR014830
Pfam:PF08718;Ontology_term=GO:0005737,GO:0120009,GO:0120013
SM_V9_PAR2      Liftoff exon    554031  554425  .       -       .
        Parent=Smp_076390.2
SM_V9_PAR2      Liftoff exon    554724  554750  .       -       .
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SM_V9_PAR2      Liftoff exon    555700  555950  .       -       .
        Parent=Smp_076390.2
SM_V9_PAR2      Liftoff exon    555980  556380  .       -       .
        Parent=Smp_076390.2
SM_V9_PAR2      Liftoff CDS     554136  554425  .       -       2
        Parent=Smp_076390.2
SM_V9_PAR2      Liftoff CDS     554724  554750  .       -       2
        Parent=Smp_076390.2
SM_V9_PAR2      Liftoff CDS     555700  555950  .       -       1
        Parent=Smp_076390.2
SM_V9_PAR2      Liftoff CDS     555980  556101  .       -       0
        Parent=Smp_076390.2
SM_V9_PAR2      Liftoff gene    599390  608676  .       -       .
        ID=Smp_076400;geneID=Smp_076400
SM_V9_PAR2      Liftoff mRNA    599390  608676  .       -       .

ID=Smp_076400.1;Parent=Smp_076400;geneID=Smp_076400;product=Universa
l stress protein
MJ0577;polypeptide_domain=InterPro:IPR006015,IPR006016,IPR014729
Pfam:PF00582;Ontology_term=GO:0006950
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SM_V9_PAR2      Liftoff CDS     599872  600426  .       -       0
        Parent=Smp_076400.1
SM_V9_PAR2      Liftoff gene    618870  660187  .       +       .
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SM_V9_PAR2      Liftoff mRNA    618870  660187  .       +       .

ID=Smp_163310.1;Parent=Smp_163310;geneID=Smp_163310;product=Two pore
calcium channel protein 2;polypeptide_domain=InterPro:IPR005821
Pfam:PF00520;Ontology_term=GO:0005216,GO:0006811,GO:0016020,GO:00550
85
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        Parent=Smp_163310.1
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        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    624587  624680  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    625844  625934  .       +       .
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SM_V9_PAR2      Liftoff exon    627980  628110  .       +       .
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        Parent=Smp_163310.1
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        Parent=Smp_163310.1
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        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    637929  637982  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    639945  640073  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    641970  642013  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    644143  644403  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    647926  647992  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    651841  651923  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    654385  654466  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff exon    657113  657381  .       +       .
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SM_V9_PAR2      Liftoff exon    659567  660187  .       +       .
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     619011  619050  .       +       0
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SM_V9_PAR2      Liftoff CDS     619085  619131  .       +       2
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     619166  619420  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     622070  622186  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     623248  623354  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     624587  624680  .       +       1
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     625844  625934  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     627980  628110  .       +       2
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     628864  628940  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     630940  631027  .       +       1
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     632588  632680  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     633845  633964  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     637929  637982  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     639945  640073  .       +       0
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        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     641970  642013  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     644143  644403  .       +       1
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     647926  647992  .       +       1
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     651841  651923  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     654385  654466  .       +       1
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     657113  657381  .       +       0
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff CDS     659567  659651  .       +       1
        Parent=Smp_163310.1
SM_V9_PAR2      Liftoff gene    678370  701307  .       +       .
        ID=Smp_163320;geneID=Smp_163320
SM_V9_PAR2      Liftoff mRNA    678370  701307  .       +       .

ID=Smp_163320.1;Parent=Smp_163320;geneID=Smp_163320;product=Ankyrin
repeat domain-containing protein
SOWAHB;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF12796;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    678370  680267  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    682212  682232  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    683829  683930  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    691361  691453  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    694152  694224  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    695340  695417  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    697919  697966  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    698842  699374  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff exon    700637  701307  .       +       .
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     680217  680267  .       +       0
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     682212  682232  .       +       0
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     683829  683930  .       +       0
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     691361  691453  .       +       0
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     694152  694224  .       +       0
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     695340  695417  .       +       2
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     697919  697966  .       +       2
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        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     698842  699374  .       +       2
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff CDS     700637  700858  .       +       0
        Parent=Smp_163320.1
SM_V9_PAR2      Liftoff gene    701007  707658  .       -       .
        ID=Smp_163330;geneID=Smp_163330
SM_V9_PAR2      Liftoff mRNA    701007  707658  .       -       .

ID=Smp_163330.1;Parent=Smp_163330;geneID=Smp_163330;product=Embryoni
c stem cell-specific 5-hydroxymethylcytosine-binding
protein;polypeptide_domain=InterPro:IPR003738 Pfam:PF02586
SM_V9_PAR2      Liftoff exon    701007  701268  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    702080  702219  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    703600  703665  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    703715  703783  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    703818  703873  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    703917  703975  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    706018  706227  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    707434  707574  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff exon    707608  707658  .       -       .
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     701106  701268  .       -       1
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     702080  702219  .       -       0
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     703600  703665  .       -       0
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     703715  703783  .       -       0
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     703818  703873  .       -       2
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     703917  703975  .       -       1
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     706018  706227  .       -       1
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     707434  707574  .       -       1
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff CDS     707608  707627  .       -       0
        Parent=Smp_163330.1
SM_V9_PAR2      Liftoff gene    707750  735871  .       +       .
        ID=Smp_163340;geneID=Smp_163340
SM_V9_PAR2      Liftoff mRNA    707750  735871  .       +       .

ID=Smp_163340.1;Parent=Smp_163340;geneID=Smp_163340;product=Protein
timeless homolog;polypeptide_domain=InterPro:IPR006906,IPR007725
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Pfam:PF04821,PF05029
SM_V9_PAR2      Liftoff exon    707750  710591  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    710624  710895  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    710932  710994  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    712745  712846  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    712885  713040  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    714003  714070  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    714110  714178  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    715474  715744  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    716389  716558  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    719369  719655  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    720920  720998  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    723486  724057  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    724239  724261  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    724767  724939  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    729039  729216  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    730693  730838  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    731051  731136  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    731698  731821  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    732901  733028  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    733227  733743  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    734660  734749  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff exon    735704  735871  .       +       .
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     710489  710591  .       +       0
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     710624  710895  .       +       2
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     710932  710994  .       +       0
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     712745  712846  .       +       0
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     712885  713040  .       +       0
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        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     714003  714070  .       +       0
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     714110  714178  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     715474  715744  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     716389  716558  .       +       0
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     719369  719655  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     720920  720998  .       +       2
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     723486  724057  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     724239  724261  .       +       2
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     724767  724939  .       +       0
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     729039  729216  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     730693  730838  .       +       0
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     731051  731136  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     731698  731821  .       +       2
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     732901  733028  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     733227  733743  .       +       2
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     734660  734749  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff CDS     735704  735791  .       +       1
        Parent=Smp_163340.1
SM_V9_PAR2      Liftoff gene    735986  742796  .       -       .
        ID=Smp_076450;geneID=Smp_076450
SM_V9_PAR2      Liftoff mRNA    735986  738976  .       -       .

ID=Smp_076450.1;Parent=Smp_076450;geneID=Smp_076450;product=Conserve
d oligomeric Golgi complex subunit 1
SM_V9_PAR2      Liftoff exon    735986  736582  .       -       .
        Parent=Smp_076450.1
SM_V9_PAR2      Liftoff exon    738631  738976  .       -       .
        Parent=Smp_076450.1
SM_V9_PAR2      Liftoff CDS     736065  736582  .       -       2
        Parent=Smp_076450.1
SM_V9_PAR2      Liftoff CDS     738631  738787  .       -       0
        Parent=Smp_076450.1
SM_V9_PAR2      Liftoff mRNA    735986  742796  .       -       .

ID=Smp_076450.2;Parent=Smp_076450;geneID=Smp_076450;product=Pre-
mRNA-processing ATP-dependent RNA helicase PRP5
SM_V9_PAR2      Liftoff exon    735986  736582  .       -       .
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        Parent=Smp_076450.2
SM_V9_PAR2      Liftoff exon    738631  738790  .       -       .
        Parent=Smp_076450.2
SM_V9_PAR2      Liftoff exon    740352  742796  .       -       .
        Parent=Smp_076450.2
SM_V9_PAR2      Liftoff CDS     736065  736582  .       -       2
        Parent=Smp_076450.2
SM_V9_PAR2      Liftoff CDS     738631  738790  .       -       0
        Parent=Smp_076450.2
SM_V9_PAR2      Liftoff CDS     740352  741494  .       -       0
        Parent=Smp_076450.2
SM_V9_PAR2      Liftoff mRNA    739036  742796  .       -       .

ID=Smp_076450.3;Parent=Smp_076450;geneID=Smp_076450;product=Pre-
mRNA-processing ATP-dependent RNA helicase PRP5
SM_V9_PAR2      Liftoff exon    739036  742796  .       -       .
        Parent=Smp_076450.3
SM_V9_PAR2      Liftoff CDS     740322  741494  .       -       0
        Parent=Smp_076450.3
SM_V9_PAR2      Liftoff gene    744350  744803  .       +       .
        ID=Smp_076460;geneID=Smp_076460
SM_V9_PAR2      Liftoff mRNA    744350  744803  .       +       .

ID=Smp_076460.1;Parent=Smp_076460;geneID=Smp_076460;product=tRNA
modification GTPase MnmE
SM_V9_PAR2      Liftoff exon    744350  744451  .       +       .
        Parent=Smp_076460.1
SM_V9_PAR2      Liftoff exon    744591  744803  .       +       .
        Parent=Smp_076460.1
SM_V9_PAR2      Liftoff CDS     744350  744451  .       +       0
        Parent=Smp_076460.1
SM_V9_PAR2      Liftoff CDS     744591  744803  .       +       0
        Parent=Smp_076460.1
SM_V9_PAR2      Liftoff gene    759420  821368  .       +       .

ID=Smp_337400;geneID=Smp_337400;previous_systematic_id=Smp_076490,Sm
p_106260
SM_V9_PAR2      Liftoff mRNA    759420  761679  .       +       .

ID=Smp_337400.3;Parent=Smp_337400;geneID=Smp_337400;product=Cilia-
and flagella-associated protein
20;polypeptide_domain=InterPro:IPR007714 Pfam:PF05018
SM_V9_PAR2      Liftoff exon    759420  759546  .       +       .
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff exon    759594  759673  .       +       .
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff exon    759714  759825  .       +       .
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff exon    759862  760050  .       +       .
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff exon    761243  761679  .       +       .
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff CDS     759463  759546  .       +       0
        Parent=Smp_337400.3
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SM_V9_PAR2      Liftoff CDS     759594  759673  .       +       0
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff CDS     759714  759825  .       +       1
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff CDS     759862  760050  .       +       0
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff CDS     761243  761359  .       +       0
        Parent=Smp_337400.3
SM_V9_PAR2      Liftoff mRNA    759420  765671  .       +       .

ID=Smp_337400.1;Parent=Smp_337400;geneID=Smp_337400;product=Cilia-
and flagella-associated protein
20;polypeptide_domain=InterPro:IPR007714 Pfam:PF05018
SM_V9_PAR2      Liftoff exon    759420  759546  .       +       .
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff exon    759594  759673  .       +       .
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff exon    759714  759825  .       +       .
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff exon    759862  760050  .       +       .
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff exon    761243  765671  .       +       .
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff CDS     759463  759546  .       +       0
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff CDS     759594  759673  .       +       0
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff CDS     759714  759825  .       +       1
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff CDS     759862  760050  .       +       0
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff CDS     761243  761359  .       +       0
        Parent=Smp_337400.1
SM_V9_PAR2      Liftoff mRNA    759420  821368  .       +       .

ID=Smp_337400.2;Parent=Smp_337400;geneID=Smp_337400;product=Noggin-3
;polypeptide_domain=InterPro:IPR029034 Pfam:PF05806
SM_V9_PAR2      Liftoff exon    759420  772897  .       +       .
        Parent=Smp_337400.2
SM_V9_PAR2      Liftoff exon    819677  821368  .       +       .
        Parent=Smp_337400.2
SM_V9_PAR2      Liftoff CDS     772190  772897  .       +       0
        Parent=Smp_337400.2
SM_V9_PAR2      Liftoff CDS     819677  819937  .       +       0
        Parent=Smp_337400.2
SM_V9_PAR2      iris    gene    831141  1056301 .       -       .

ID=Smp_305490;geneID=Smp_305490;gene_name=Smp_305490;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    831141  1056301 .       -       .

ID=Smp_305490.1;Parent=Smp_305490;geneID=Smp_305490;gene_name=Smp_30
5490;owner=irisadmin@local.host;orig_id=Smp_305490.6;date_last_modif
ied=2022-07-18;Name=Smp_305490.1;product=dystrophin,s
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A:C:F:G:H;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    831141  832084  .       -       .

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SM_V9_PAR2      iris    exon    833263  833461  .       -       .
        Parent=Smp_305490.1;Name=41268b3f-bd97-4843-
bc7a-40481e445de8
SM_V9_PAR2      iris    exon    836534  836924  .       -       .
        Parent=Smp_305490.1;Name=f625b03b-f3ff-4720-b9da-
d1a2fa5b7665
SM_V9_PAR2      iris    exon    838029  838333  .       -       .

Parent=Smp_305490.1;Name=92feb891-3a8d-42bc-936f-45855488114d
SM_V9_PAR2      iris    exon    838854  839387  .       -       .

Parent=Smp_305490.1;Name=3503f970-53e4-4bc0-82f5-9eb75bfd9e94
SM_V9_PAR2      iris    exon    840405  840930  .       -       .
        Parent=Smp_305490.1;Name=36989594-
d4b6-4945-843d-0791a8752d91
SM_V9_PAR2      iris    exon    843104  843288  .       -       .

Parent=Smp_305490.1;Name=2ad41dcf-34c3-4445-949c-571c2b480732
SM_V9_PAR2      iris    exon    844739  844850  .       -       .
        Parent=Smp_305490.1;Name=e0780755-5fae-41e1-86d9-
ba3bca387fc9
SM_V9_PAR2      iris    exon    846022  846236  .       -       .
        Parent=Smp_305490.1;Name=ec040cd4-5b4b-4023-a1aa-
db7e24aaa826
SM_V9_PAR2      iris    exon    848502  848659  .       -       .

Parent=Smp_305490.1;Name=fe6bcebc-1045-49ac-98fd-17da6ab9137c
SM_V9_PAR2      iris    exon    850292  850377  .       -       .
        Parent=Smp_305490.1;Name=1b90dd22-
be88-47ce-9301-291ebaaa5f0f
SM_V9_PAR2      iris    exon    853371  853780  .       -       .
        Parent=Smp_305490.1;Name=63c8214d-a654-4505-
b874-85771e834875
SM_V9_PAR2      iris    exon    855502  855860  .       -       .
        Parent=Smp_305490.1;Name=624a2db4-b17b-40af-a3ff-
be8eb106fdad
SM_V9_PAR2      iris    exon    857445  857581  .       -       .

Parent=Smp_305490.1;Name=fd9fdb6e-20e8-418e-9dfd-04b1a3af522a
SM_V9_PAR2      iris    exon    859029  859095  .       -       .
        Parent=Smp_305490.1;Name=bb95ca14-0178-4991-bf08-
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SM_V9_PAR2      iris    exon    860138  860349  .       -       .
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SM_V9_PAR2      iris    exon    1122833 1122961 .       -       .
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SM_V9_PAR2      iris    exon    1123573 1123770 .       -       .

Parent=Smp_076540.1;Name=49fe9dab-2fa0-4f17-99e5-54965c703ca9
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SM_V9_PAR2      iris    exon    1129252 1129398 .       -       .
        Parent=Smp_076540.1;Name=9bc2fa66-a21e-4bfd-
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Parent=Smp_076560.1;Name=a724bffe-103f-44de-9bfb-08b0c315738e
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        Parent=Smp_076560.1;Name=0cf1b32d-ad5b-4305-
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SM_V9_PAR2      iris    exon    1156498 1156611 .       -       .
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SM_V9_PAR2      iris    gene    1218422 1224871 .       -       .

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Parent=Smp_306580.1;Name=3603e885-3571-4aa4-9396-4e54a1a74d5e
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SM_V9_PAR2      Liftoff exon    1264196 1266172 .       +       .
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753
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753
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SM_V9_PAR2      Liftoff CDS     1359104 1359211 .       -       0
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SM_V9_PAR2      Liftoff CDS     1363842 1363904 .       -       0
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SM_V9_PAR2      Liftoff CDS     1369746 1370003 .       -       0
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SM_V9_PAR2      Liftoff CDS     1372537 1372668 .       -       2
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SM_V9_PAR2      Liftoff CDS     1372713 1372856 .       -       2
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SM_V9_PAR2      Liftoff CDS     1377565 1377640 .       -       0
        Parent=Smp_153460.2
SM_V9_PAR2      Liftoff gene    1384228 1398882 .       +       .
        ID=Smp_058190;geneID=Smp_058190
SM_V9_PAR2      Liftoff mRNA    1384228 1398880 .       +       .

ID=Smp_058190.2;Parent=Smp_058190;geneID=Smp_058190;product=IQ
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SM_V9_PAR2      Liftoff exon    1384228 1388006 .       +       .
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SM_V9_PAR2      Liftoff exon    1388051 1388141 .       +       .
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff exon    1388171 1388312 .       +       .
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff exon    1388343 1388471 .       +       .
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff exon    1390870 1390993 .       +       .
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff exon    1392305 1392511 .       +       .
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff exon    1394616 1394735 .       +       .
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff exon    1396372 1396473 .       +       .
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff exon    1398746 1398880 .       +       .
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SM_V9_PAR2      Liftoff CDS     1387908 1388006 .       +       0
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff CDS     1388051 1388141 .       +       0
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff CDS     1388171 1388312 .       +       2
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff CDS     1388343 1388471 .       +       1
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff CDS     1390870 1390993 .       +       1
        Parent=Smp_058190.2
SM_V9_PAR2      Liftoff CDS     1392305 1392511 .       +       0
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SM_V9_PAR2      Liftoff CDS     1394616 1394735 .       +       0
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SM_V9_PAR2      Liftoff CDS     1396372 1396473 .       +       0
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SM_V9_PAR2      Liftoff CDS     1398746 1398859 .       +       0
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SM_V9_PAR2      Liftoff mRNA    1384243 1398882 .       +       .

ID=Smp_058190.1;Parent=Smp_058190;geneID=Smp_058190;product=IQ
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SM_V9_PAR2      Liftoff exon    1388051 1388141 .       +       .
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff exon    1388171 1388312 .       +       .
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff exon    1388343 1388471 .       +       .
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff exon    1390870 1390993 .       +       .
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff exon    1392305 1392511 .       +       .
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff exon    1394616 1394735 .       +       .
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff exon    1396372 1396473 .       +       .
        Parent=Smp_058190.1
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SM_V9_PAR2      Liftoff CDS     1388051 1388141 .       +       0
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        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff CDS     1388343 1388471 .       +       1
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SM_V9_PAR2      Liftoff CDS     1390870 1390993 .       +       1
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SM_V9_PAR2      Liftoff CDS     1392305 1392511 .       +       0
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff CDS     1394616 1394735 .       +       0
        Parent=Smp_058190.1
SM_V9_PAR2      Liftoff CDS     1396372 1396473 .       +       0
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SM_V9_PAR2      Liftoff CDS     1398746 1398859 .       +       0
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SM_V9_PAR2      iris    gene    1404188 1446648 .       +       .

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ied=2022-07-17;Name=Smp_153480.1;product=Solute carrier family 12
member 9;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    1404188 1404254 .       +       .
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SM_V9_PAR2      iris    exon    1408778 1408912 .       +       .
        Parent=Smp_153480.1;Name=48ccb5a5-2482-40d0-
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SM_V9_PAR2      iris    exon    1419752 1419923 .       +       .
        Parent=Smp_153480.1;Name=48310586-f2d1-454f-
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SM_V9_PAR2      iris    exon    1423305 1423412 .       +       .
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SM_V9_PAR2      iris    exon    1425592 1425703 .       +       .
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SM_V9_PAR2      iris    exon    1427454 1427611 .       +       .
        Parent=Smp_153480.1;Name=bccfeff2-f851-40ab-a70c-
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SM_V9_PAR2      iris    exon    1440833 1441369 .       +       .
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SM_V9_PAR2      iris    exon    1445265 1446648 .       +       .
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SM_V9_PAR2      iris    CDS     1408608 1408734 .       +       0
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        Parent=Smp_153480.1
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        Parent=Smp_153480.1
SM_V9_PAR2      iris    CDS     1440833 1441369 .       +       0
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ID=Smp_153490.1;Parent=Smp_153490;geneID=Smp_153490;gene_name=Smp_15
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ied=2022-07-17;Name=Smp_153490.1;product=GDP mannose 4,6
dehydratase;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    1448649 1448745 .       -       .
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SM_V9_PAR2      iris    CDS     1453278 1453322 .       -       0
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SM_V9_PAR2      Liftoff gene    1463098 1476380 .       -       .
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SM_V9_PAR2      Liftoff mRNA    1463098 1476380 .       -       .

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SM_V9_PAR2      Liftoff exon    1464196 1464254 .       -       .
        Parent=Smp_058240.1
SM_V9_PAR2      Liftoff exon    1469333 1469379 .       -       .
        Parent=Smp_058240.1
SM_V9_PAR2      Liftoff exon    1471391 1471460 .       -       .
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SM_V9_PAR2      Liftoff exon    1473724 1473862 .       -       .
        Parent=Smp_058240.1
SM_V9_PAR2      Liftoff exon    1474675 1474891 .       -       .
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SM_V9_PAR2      Liftoff exon    1476077 1476380 .       -       .
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SM_V9_PAR2      Liftoff CDS     1471391 1471460 .       -       0
        Parent=Smp_058240.1
SM_V9_PAR2      Liftoff CDS     1473724 1473862 .       -       1
        Parent=Smp_058240.1
SM_V9_PAR2      Liftoff CDS     1474675 1474891 .       -       2
        Parent=Smp_058240.1
SM_V9_PAR2      Liftoff CDS     1476077 1476086 .       -       0
        Parent=Smp_058240.1
SM_V9_PAR2      Liftoff mRNA    1463098 1476380 .       -       .

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SM_V9_PAR2      Liftoff exon    1464196 1464254 .       -       .
        Parent=Smp_058240.2
SM_V9_PAR2      Liftoff exon    1469333 1469379 .       -       .
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SM_V9_PAR2      Liftoff exon    1473724 1473862 .       -       .
        Parent=Smp_058240.2
SM_V9_PAR2      Liftoff exon    1474675 1474891 .       -       .
        Parent=Smp_058240.2
SM_V9_PAR2      Liftoff exon    1476077 1476380 .       -       .
        Parent=Smp_058240.2
SM_V9_PAR2      Liftoff CDS     1463400 1463445 .       -       1
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SM_V9_PAR2      Liftoff CDS     1464196 1464254 .       -       0
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SM_V9_PAR2      Liftoff CDS     1469333 1469379 .       -       2
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SM_V9_PAR2      Liftoff CDS     1471391 1471460 .       -       0
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SM_V9_PAR2      Liftoff CDS     1473724 1473862 .       -       1
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SM_V9_PAR2      Liftoff CDS     1474675 1474891 .       -       2
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SM_V9_PAR2      Liftoff CDS     1476077 1476086 .       -       0
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Statement;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR001828,
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IPR008266,IPR011009,IPR017441,IPR020635,IPR028082
Pfam:PF01094,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005524,
GO:0006468
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        Parent=Smp_153500.1
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        Parent=Smp_153500.1
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        Parent=Smp_153500.1
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SM_V9_PAR2      Liftoff exon    1508313 1508638 .       -       .
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SM_V9_PAR2      Liftoff CDS     1504887 1505057 .       -       2
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SM_V9_PAR2      Liftoff CDS     1515866 1516076 .       -       2
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SM_V9_PAR2      Liftoff CDS     1516116 1516206 .       -       0
        Parent=Smp_153500.1
SM_V9_PAR2      iris    gene    1537962 1570969 .       +       .

ID=Smp_058270;geneID=Smp_058270;gene_name=Smp_058270;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    1537962 1570969 .       +       .

ID=Smp_058270.1;Parent=Smp_058270;geneID=Smp_058270;gene_name=Smp_05
8270;owner=irisadmin@local.host;orig_id=Smp_058270.1;date_last_modif
ied=2022-07-17;Name=Smp_058270.1;product=Patulin cluster
transcription factor patL;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    1537962 1538130 .       +       .

Parent=Smp_058270.1;Name=f083c721-9414-4f43-8f54-1dd332ee4149
SM_V9_PAR2      iris    exon    1538169 1538244 .       +       .
        Parent=Smp_058270.1;Name=88867a1e-dc24-400a-
b912-3027f0868464
SM_V9_PAR2      iris    exon    1538280 1538379 .       +       .
        Parent=Smp_058270.1;Name=98f7145e-3467-4355-b720-
fe7ffb1dc37f
SM_V9_PAR2      iris    exon    1544479 1545328 .       +       .
        Parent=Smp_058270.1;Name=6c6c150d-fbc2-47c7-8b3b-
bd7e551fa2ff
SM_V9_PAR2      iris    exon    1566505 1566750 .       +       .

Parent=Smp_058270.1;Name=408f8adb-1158-4900-9ddf-8198aa589bc8
SM_V9_PAR2      iris    exon    1569600 1570969 .       +       .
        Parent=Smp_058270.1;Name=bb89c336-6ab0-41eb-a8c5-
d711cd4e7b12
SM_V9_PAR2      iris    CDS     1544798 1545328 .       +       0
        Parent=Smp_058270.1
SM_V9_PAR2      iris    CDS     1566505 1566750 .       +       0
        Parent=Smp_058270.1
SM_V9_PAR2      iris    CDS     1569600 1570679 .       +       0
        Parent=Smp_058270.1
SM_V9_PAR2      Liftoff gene    1581028 1600128 .       +       .
        ID=Smp_153520;geneID=Smp_153520
SM_V9_PAR2      Liftoff mRNA    1581028 1600128 .       +       .

ID=Smp_153520.1;Parent=Smp_153520;geneID=Smp_153520;product=Protein
ECT2;polypeptide_domain=InterPro:IPR000219,IPR011993
Pfam:PF00621;Ontology_term=GO:0005089,GO:0035023
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SM_V9_PAR2      Liftoff exon    1581028 1584755 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1585493 1585648 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1586540 1586661 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1586771 1586971 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1587625 1587808 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1588467 1588627 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1588730 1588931 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1590142 1590368 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1591003 1591454 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1597907 1598120 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff exon    1599264 1600128 .       +       .
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1584722 1584755 .       +       0
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1585493 1585648 .       +       2
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1586540 1586661 .       +       2
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1586771 1586971 .       +       0
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1587625 1587808 .       +       0
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1588467 1588627 .       +       2
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1588730 1588931 .       +       0
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1590142 1590368 .       +       2
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1591003 1591454 .       +       0
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SM_V9_PAR2      Liftoff CDS     1597907 1598120 .       +       1
        Parent=Smp_153520.1
SM_V9_PAR2      Liftoff CDS     1599264 1599926 .       +       0
        Parent=Smp_153520.1
SM_V9_PAR2      iris    gene    1602275 1608923 .       -       .

ID=Smp_153530;geneID=Smp_153530;gene_name=Smp_153530;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    1602275 1608923 .       -       .

ID=Smp_153530.1;Parent=Smp_153530;geneID=Smp_153530;gene_name=Smp_15
3530;owner=irisadmin@local.host;orig_id=Smp_153530.3;date_last_modif
ied=2022-08-15;Name=Smp_153530.1;product=Nucleoside diphosphate
kinase 7;date_creation=2022-08-15
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SM_V9_PAR2      iris    exon    1602275 1602639 .       -       .
        Parent=Smp_153530.1;Name=dc86ac7e-266a-4dad-ad41-
d0bedfc119d5
SM_V9_PAR2      iris    exon    1603519 1603626 .       -       .
        Parent=Smp_153530.1;Name=1af94541-
df9d-415e-8b89-3c9c1921d6ef
SM_V9_PAR2      iris    exon    1604674 1604921 .       -       .
        Parent=Smp_153530.1;Name=00631e80-98d6-4ed0-
a1ed-52b7a51f234a
SM_V9_PAR2      iris    exon    1606228 1606505 .       -       .
        Parent=Smp_153530.1;Name=9d77ba11-4bdd-441a-
a516-30dcab6526c0
SM_V9_PAR2      iris    exon    1608073 1608234 .       -       .

Parent=Smp_153530.1;Name=cb4a1488-1107-47b4-91de-2e3485fe7292
SM_V9_PAR2      iris    exon    1608272 1608438 .       -       .

Parent=Smp_153530.1;Name=f885fbc7-12b2-48dc-91a5-4463504e318d
SM_V9_PAR2      iris    exon    1608473 1608583 .       -       .
        Parent=Smp_153530.1;Name=de6f5483-4f32-4f9a-
ae36-963fbb222f8f
SM_V9_PAR2      iris    exon    1608616 1608711 .       -       .

Parent=Smp_153530.1;Name=ede44bf9-5e8e-4227-9e73-0075d2b58f08
SM_V9_PAR2      iris    exon    1608854 1608923 .       -       .
        Parent=Smp_153530.1;Name=fcd6d3e7-5c87-4a96-bbd8-
b5f770c5a328
SM_V9_PAR2      iris    CDS     1602607 1602639 .       -       0
        Parent=Smp_153530.1
SM_V9_PAR2      iris    CDS     1603519 1603626 .       -       0
        Parent=Smp_153530.1
SM_V9_PAR2      iris    CDS     1604674 1604921 .       -       2
        Parent=Smp_153530.1
SM_V9_PAR2      iris    CDS     1606228 1606505 .       -       1
        Parent=Smp_153530.1
SM_V9_PAR2      iris    CDS     1608073 1608234 .       -       1
        Parent=Smp_153530.1
SM_V9_PAR2      iris    CDS     1608272 1608438 .       -       0
        Parent=Smp_153530.1
SM_V9_PAR2      iris    CDS     1608473 1608583 .       -       0
        Parent=Smp_153530.1
SM_V9_PAR2      iris    CDS     1608616 1608618 .       -       0
        Parent=Smp_153530.1
SM_V9_PAR2      Liftoff gene    1620808 1642094 .       +       .
        ID=Smp_153540;geneID=Smp_153540
SM_V9_PAR2      Liftoff mRNA    1620808 1642094 .       +       .

ID=Smp_153540.1;Parent=Smp_153540;geneID=Smp_153540;product=EF-hand
calcium-binding domain-containing protein
11;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13833;Ontology_term=GO:0005509
SM_V9_PAR2      Liftoff exon    1620808 1630296 .       +       .
        Parent=Smp_153540.1
SM_V9_PAR2      Liftoff exon    1630331 1630585 .       +       .
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        Parent=Smp_153540.1
SM_V9_PAR2      Liftoff exon    1641841 1642094 .       +       .
        Parent=Smp_153540.1
SM_V9_PAR2      Liftoff CDS     1630106 1630296 .       +       0
        Parent=Smp_153540.1
SM_V9_PAR2      Liftoff CDS     1630331 1630585 .       +       1
        Parent=Smp_153540.1
SM_V9_PAR2      Liftoff CDS     1641841 1641850 .       +       1
        Parent=Smp_153540.1
SM_V9_PAR2      Liftoff gene    1645021 1651024 .       -       .
        ID=Smp_153550;geneID=Smp_153550
SM_V9_PAR2      Liftoff mRNA    1645021 1651024 .       -       .

ID=Smp_153550.1;Parent=Smp_153550;geneID=Smp_153550;product=Coiled-
coil domain-containing protein 96
SM_V9_PAR2      Liftoff exon    1645021 1645186 .       -       .
        Parent=Smp_153550.1
SM_V9_PAR2      Liftoff exon    1650568 1651024 .       -       .
        Parent=Smp_153550.1
SM_V9_PAR2      Liftoff CDS     1645087 1645186 .       -       1
        Parent=Smp_153550.1
SM_V9_PAR2      Liftoff CDS     1650568 1650872 .       -       0
        Parent=Smp_153550.1
SM_V9_PAR2      Liftoff gene    1654896 1657764 .       -       .
        ID=Smp_058320;geneID=Smp_058320
SM_V9_PAR2      Liftoff mRNA    1654896 1657764 .       -       .

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autoantigenic sperm
protein;polypeptide_domain=InterPro:IPR011990,IPR011991,IPR019544,IP
R019734 Pfam:PF10516;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    1654896 1655574 .       -       .
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff exon    1656807 1657288 .       -       .
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff exon    1657322 1657390 .       -       .
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff exon    1657424 1657542 .       -       .
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff exon    1657574 1657764 .       -       .
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff CDS     1655041 1655574 .       -       0
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SM_V9_PAR2      Liftoff CDS     1656807 1657288 .       -       2
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SM_V9_PAR2      Liftoff CDS     1657322 1657390 .       -       2
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff CDS     1657424 1657542 .       -       1
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff CDS     1657574 1657677 .       -       0
        Parent=Smp_058320.1
SM_V9_PAR2      Liftoff gene    1673308 1694041 .       +       .
        ID=Smp_153560;geneID=Smp_153560
SM_V9_PAR2      Liftoff mRNA    1673308 1694041 .       +       .
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ID=Smp_153560.1;Parent=Smp_153560;geneID=Smp_153560;product=Protein
ENL;polypeptide_domain=InterPro:IPR005033
Pfam:PF03366;Ontology_term=GO:0006355
SM_V9_PAR2      Liftoff exon    1673308 1676245 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff exon    1679834 1680008 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff exon    1681509 1681708 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff exon    1683886 1684023 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff exon    1685497 1686285 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff exon    1687698 1688774 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff exon    1690586 1691015 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff exon    1692454 1694041 .       +       .
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1676240 1676245 .       +       0
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1679834 1680008 .       +       0
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1681509 1681708 .       +       2
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1683886 1684023 .       +       0
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1685497 1686285 .       +       0
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1687698 1688774 .       +       0
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1690586 1691015 .       +       0
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff CDS     1692454 1693508 .       +       2
        Parent=Smp_153560.1
SM_V9_PAR2      Liftoff mRNA    1673308 1694041 .       +       .

ID=Smp_153560.2;Parent=Smp_153560;geneID=Smp_153560;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    1673308 1681708 .       +       .
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff exon    1683886 1684023 .       +       .
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff exon    1685497 1686285 .       +       .
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff exon    1687698 1688774 .       +       .
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff exon    1690586 1691015 .       +       .
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff exon    1692454 1694041 .       +       .
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff CDS     1681661 1681708 .       +       0
        Parent=Smp_153560.2
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SM_V9_PAR2      Liftoff CDS     1683886 1684023 .       +       0
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff CDS     1685497 1686285 .       +       0
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff CDS     1687698 1688774 .       +       0
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff CDS     1690586 1691015 .       +       0
        Parent=Smp_153560.2
SM_V9_PAR2      Liftoff CDS     1692454 1693508 .       +       2
        Parent=Smp_153560.2
SM_V9_PAR2      iris    gene    1701022 1704374 .       +       .

ID=Smp_058350;geneID=Smp_058350;gene_name=Smp_058350;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    1701022 1704374 .       +       .

ID=Smp_058350.1;Parent=Smp_058350;geneID=Smp_058350;gene_name=Smp_05
8350;owner=irisadmin@local.host;orig_id=Smp_058350.1;date_last_modif
ied=2022-07-17;Name=Smp_058350.1;product=Programmed cell death
protein 5;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    1701022 1701126 .       +       .
        Parent=Smp_058350.1;Name=eb5f5f67-b48e-4c3b-a515-
b53abd1d4e88
SM_V9_PAR2      iris    exon    1701162 1701258 .       +       .

Parent=Smp_058350.1;Name=5b8b5454-809c-4a16-9354-0e461c6bdabd
SM_V9_PAR2      iris    exon    1701293 1701384 .       +       .
        Parent=Smp_058350.1;Name=c5d5b565-e3d7-455b-b427-
c088cb2530bc
SM_V9_PAR2      iris    exon    1704076 1704147 .       +       .
        Parent=Smp_058350.1;Name=408c5313-ad5d-4286-
ad94-87bb2292aa6f
SM_V9_PAR2      iris    exon    1704192 1704374 .       +       .
        Parent=Smp_058350.1;Name=25e57b0b-b5b7-4735-bc6a-
d6344c291344
SM_V9_PAR2      iris    CDS     1701097 1701126 .       +       0
        Parent=Smp_058350.1
SM_V9_PAR2      iris    CDS     1701162 1701258 .       +       0
        Parent=Smp_058350.1
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SM_V9_PAR2      iris    CDS     1704076 1704147 .       +       0
        Parent=Smp_058350.1
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SM_V9_PAR2      iris    gene    1727881 1781668 .       +       .

ID=Smp_153580;geneID=Smp_153580;gene_name=Smp_153580;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    1727881 1781668 .       +       .

ID=Smp_153580.1;Parent=Smp_153580;geneID=Smp_153580;gene_name=Smp_15
3580;owner=irisadmin@local.host;orig_id=Smp_153580.1;date_last_modif
ied=2022-07-17;Name=Smp_153580.1;product=Neuropeptide
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F;date_creation=2022-07-17
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f0d7ae02088d
SM_V9_PAR2      iris    exon    1781559 1781668 .       +       .
        Parent=Smp_153580.1;Name=c9a75510-ec18-4e96-
a2b8-1e7e68128ea8
SM_V9_PAR2      iris    CDS     1727977 1728725 .       +       0
        Parent=Smp_153580.1
SM_V9_PAR2      iris    CDS     1781559 1781568 .       +       1
        Parent=Smp_153580.1
SM_V9_PAR2      Liftoff gene    1792900 1809323 .       -       .
        ID=Smp_058360;geneID=Smp_058360
SM_V9_PAR2      Liftoff mRNA    1792900 1809323 .       -       .

ID=Smp_058360.1;Parent=Smp_058360;geneID=Smp_058360;product=H(
SM_V9_PAR2      Liftoff exon    1792900 1793504 .       -       .
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff exon    1795392 1795472 .       -       .
        Parent=Smp_058360.1
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        Parent=Smp_058360.1
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        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff exon    1801574 1801852 .       -       .
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SM_V9_PAR2      Liftoff exon    1805706 1805816 .       -       .
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        Parent=Smp_058360.1
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SM_V9_PAR2      Liftoff CDS     1793403 1793504 .       -       0
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1795392 1795472 .       -       0
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        Parent=Smp_058360.1
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SM_V9_PAR2      Liftoff CDS     1800111 1800197 .       -       0
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SM_V9_PAR2      Liftoff CDS     1801574 1801852 .       -       0
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1801968 1802176 .       -       2
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1802921 1803152 .       -       0
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        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1805062 1805180 .       -       0
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1805706 1805816 .       -       0
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1808108 1808494 .       -       0
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1808528 1808637 .       -       2
        Parent=Smp_058360.1
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        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1808881 1808946 .       -       0
        Parent=Smp_058360.1
SM_V9_PAR2      Liftoff CDS     1808980 1809090 .       -       0
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SM_V9_PAR2      Liftoff mRNA    1815632 1855308 .       +       .

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SM_V9_PAR2      Liftoff exon    1816120 1816384 .       +       .
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SM_V9_PAR2      Liftoff exon    1819920 1820088 .       +       .
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SM_V9_PAR2      Liftoff exon    1820822 1821067 .       +       .
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        Parent=Smp_153590.1
SM_V9_PAR2      Liftoff exon    1827267 1827318 .       +       .
        Parent=Smp_153590.1
SM_V9_PAR2      Liftoff exon    1829931 1830048 .       +       .
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SM_V9_PAR2	Liftoff	exon	1831064	1831119	.	+	.	Parent=Smp_153590.1
SM_V9_PAR2	Liftoff	exon	1832524	1832605	.	+	.	Parent=Smp_153590.1
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SM_V9_PAR2      Liftoff exon    1924135 1924644 .       +       .
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SM_V9_PAR2      Liftoff CDS     1929771 1929882 .       +       2
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SM_V9_PAR2      iris    CDS     1988472 1988694 .       +       1
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ID=Smp_058450;geneID=Smp_058450;gene_name=Smp_058450;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    2029519 2114669 .       +       .

ID=Smp_058450.1;Parent=Smp_058450;geneID=Smp_058450;gene_name=Smp_05
8450;owner=irisadmin@local.host;orig_id=Smp_058450.1;date_last_modif
ied=2022-07-17;Name=Smp_058450.1;product=Protein phosphatase 1
regulatory inhibitor subunit 16B;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    2029519 2029638 .       +       .
        Parent=Smp_058450.1;Name=1304d2fb-70d3-493d-b55e-
cd7df21e2fa1
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SM_V9_PAR2	iris	exon	2054338	2054746	.	+	.
	Parent=Smp_058450.1;Name=bde70c52-f6c7-4c9f-9424-
f8484f43de3c
SM_V9_PAR2	iris	exon	2076477	2076547	.	+	.
	Parent=Smp_058450.1;Name=f5441e4d-d065-4bea-
bbae-43ecf7c17c2f
SM_V9_PAR2	iris	exon	2083348	2083493	.	+	.
	Parent=Smp_058450.1;Name=256c11b5-fc2e-4bc2-
af6d-320c16c22505
SM_V9_PAR2	iris	exon	2087771	2087874	.	+	.
	Parent=Smp_058450.1;Name=5eae6efd-5ebf-468a-bb9d-
d8b39c21bab4
SM_V9_PAR2	iris	exon	2092552	2092676	.	+	.
	Parent=Smp_058450.1;Name=bf87d21c-04cb-4192-
b53c-1b6206c50e23
SM_V9_PAR2	iris	exon	2098955	2099080	.	+	.
	Parent=Smp_058450.1;Name=eb045637-5a7c-4ee1-
bb8d-995a5b7a5ee5
SM_V9_PAR2	iris	exon	2106285	2106508	.	+	.
	Parent=Smp_058450.1;Name=7c62f070-4458-4f30-a41d-
a00d37fdb5ca
SM_V9_PAR2	iris	exon	2108488	2108905	.	+	.
	Parent=Smp_058450.1;Name=fc0db5ac-1a6f-401d-
a3c0-3e1c6bb77f1f
SM_V9_PAR2	iris	exon	2111795	2111908	.	+	.
	Parent=Smp_058450.1;Name=b2dc3fa3-b071-4b2d-b7c1-
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SM_V9_PAR2	iris	exon	2113224	2114669	.	+	.
	Parent=Smp_058450.1;Name=bd7877a5-bbde-4144-af6f-
a584c3cbdf2b
SM_V9_PAR2	iris	CDS	2054446	2054746	.	+	0
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SM_V9_PAR2	iris	CDS	2076477	2076547	.	+	2
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SM_V9_PAR2	iris	CDS	2083348	2083493	.	+	0
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SM_V9_PAR2	iris	CDS	2087771	2087874	.	+	1
	Parent=Smp_058450.1
SM_V9_PAR2	iris	CDS	2092552	2092676	.	+	2
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SM_V9_PAR2	iris	CDS	2098955	2099080	.	+	0
	Parent=Smp_058450.1
SM_V9_PAR2	iris	CDS	2106285	2106508	.	+	0
	Parent=Smp_058450.1
SM_V9_PAR2	iris	CDS	2108488	2108905	.	+	1
	Parent=Smp_058450.1
SM_V9_PAR2	iris	CDS	2111795	2111908	.	+	0
	Parent=Smp_058450.1
SM_V9_PAR2	iris	CDS	2113224	2113919	.	+	0
	Parent=Smp_058450.1
SM_V9_PAR2	Liftoff	gene	2118963	2131618	.	-	.
	ID=Smp_058460;geneID=Smp_058460
SM_V9_PAR2	Liftoff	mRNA	2118963	2131618	.	-	.
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ID=Smp_058460.1;Parent=Smp_058460;geneID=Smp_058460;product=Eukaryot
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3,IPR034363
Pfam:PF00076,PF08662;Ontology_term=GO:0003676,GO:0003723,GO:0003743,
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SM_V9_PAR2      Liftoff exon    2118963 2119449 .       -       .
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SM_V9_PAR2      Liftoff exon    2120949 2121132 .       -       .
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SM_V9_PAR2      Liftoff exon    2122213 2122477 .       -       .
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SM_V9_PAR2      Liftoff exon    2128339 2128625 .       -       .
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SM_V9_PAR2      Liftoff exon    2131477 2131618 .       -       .
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SM_V9_PAR2      Liftoff CDS     2119346 2119449 .       -       2
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SM_V9_PAR2      Liftoff CDS     2128339 2128625 .       -       0
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SM_V9_PAR2      Liftoff CDS     2131477 2131513 .       -       0
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SM_V9_PAR2      Liftoff gene    2145475 2163979 .       +       .
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SM_V9_PAR2      Liftoff mRNA    2145475 2163979 .       +       .

ID=Smp_058470.1;Parent=Smp_058470;geneID=Smp_058470;product=Innexin
unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_PAR2      Liftoff exon    2145475 2146005 .       +       .
        Parent=Smp_058470.1
SM_V9_PAR2      Liftoff exon    2158219 2158435 .       +       .
        Parent=Smp_058470.1
SM_V9_PAR2      Liftoff exon    2158489 2158654 .       +       .
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SM_V9_PAR2      Liftoff exon    2160602 2160868 .       +       .
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SM_V9_PAR2      Liftoff CDS     2158219 2158435 .       +       0
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SM_V9_PAR2      Liftoff CDS     2160602 2160868 .       +       1
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SM_V9_PAR2      iris    gene    2182021 2262925 .       -       .

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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    2182021 2262925 .       -       .

ID=Smp_153640.1;Parent=Smp_153640;geneID=Smp_153640;gene_name=Smp_15
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ied=2022-07-17;Name=Smp_153640.1;product=High affinity cAMP-specific
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Parent=Smp_153640.1;Name=e1b643b7-1642-4bb8-9e11-4323d046944f
SM_V9_PAR2      iris    exon    2187696 2187985 .       -       .
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        Parent=Smp_153640.1;Name=84e191eb-203d-49aa-
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SM_V9_PAR2      iris    exon    2201689 2201770 .       -       .

Parent=Smp_153640.1;Name=461bf32d-55a8-49b3-8360-9a7c9f733b38
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        Parent=Smp_153640.1;Name=5fa8fa69-707a-4485-
b168-55f88236bfd4
SM_V9_PAR2      iris    exon    2212974 2213105 .       -       .
        Parent=Smp_153640.1;Name=e53c42fc-8836-4298-ae95-
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SM_V9_PAR2      iris    exon    2226865 2226965 .       -       .
        Parent=Smp_153640.1;Name=3f0cf9a4-2745-48fb-9375-
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SM_V9_PAR2      iris    exon    2233386 2233481 .       -       .

Parent=Smp_153640.1;Name=99838f3c-1f13-4990-8435-4273fecf8104
SM_V9_PAR2      iris    exon    2235812 2235869 .       -       .
        Parent=Smp_153640.1;Name=440b4b66-21de-4dee-
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b678-7432e22083d3
SM_V9_PAR2      iris    exon    2238944 2239194 .       -       .

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SM_V9_PAR2      iris    exon    2257597 2257866 .       -       .
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SM_V9_PAR2      iris    exon    2262849 2262925 .       -       .
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SM_V9_PAR2      iris    CDS     2187696 2187985 .       -       2
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SM_V9_PAR2      iris    CDS     2194755 2194935 .       -       0
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SM_V9_PAR2      iris    CDS     2197857 2197928 .       -       0
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SM_V9_PAR2      iris    CDS     2226865 2226965 .       -       2
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SM_V9_PAR2      iris    CDS     2233386 2233481 .       -       2
        Parent=Smp_153640.1
SM_V9_PAR2      iris    CDS     2235812 2235869 .       -       0
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ID=Smp_153660.1;Parent=Smp_153660;geneID=Smp_153660;gene_name=Smp_15
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ied=2022-07-17;Name=Smp_153660.1;product=G1/S-specific cyclin-
D2;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    2271255 2271568 .       +       .
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SM_V9_PAR2      iris    exon    2271605 2271820 .       +       .
        Parent=Smp_153660.1;Name=6fccda45-dc3e-43fd-
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SM_V9_PAR2      iris    exon    2271858 2272017 .       +       .

Parent=Smp_153660.1;Name=efbeb5bb-182c-43de-86e3-14a701d78fe9
SM_V9_PAR2      iris    exon    2274586 2274728 .       +       .
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        Parent=Smp_153660.1;Name=f2536866-d580-400e-
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SM_V9_PAR2      iris    CDS     2271341 2271568 .       +       0
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SM_V9_PAR2      iris    CDS     2271605 2271820 .       +       0
        Parent=Smp_153660.1
SM_V9_PAR2      iris    CDS     2271858 2272017 .       +       0
        Parent=Smp_153660.1
SM_V9_PAR2      iris    CDS     2274586 2274728 .       +       2
        Parent=Smp_153660.1
SM_V9_PAR2      iris    CDS     2276719 2277312 .       +       0
        Parent=Smp_153660.1
SM_V9_PAR2      Liftoff gene    2324695 2327101 .       -       .
        ID=Smp_058530;geneID=Smp_058530
SM_V9_PAR2      Liftoff mRNA    2324695 2327101 .       -       .

ID=Smp_058530.1;Parent=Smp_058530;geneID=Smp_058530;product=dCTP
deaminase
SM_V9_PAR2      Liftoff exon    2324695 2327101 .       -       .
        Parent=Smp_058530.1
SM_V9_PAR2      Liftoff CDS     2324912 2325394 .       -       0
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SM_V9_PAR2      iris    gene    2336484 2425653 .       +       .

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SM_V9_PAR2      iris    mRNA    2336484 2425653 .       +       .

ID=Smp_153690.1;Parent=Smp_153690;geneID=Smp_153690;gene_name=Smp_15
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hydrolase 24;date_creation=2022-07-17
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        Parent=Smp_153690.1;Name=b6f6bb81-c116-48cc-
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SM_V9_PAR2      iris    exon    2343473 2343650 .       +       .
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SM_V9_PAR2      iris    exon    2344941 2345081 .       +       .

Parent=Smp_153690.1;Name=018e345b-222c-4931-8f13-68bc8f0ceeac
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SM_V9_PAR2      iris    exon    2347882 2348096 .       +       .
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Parent=Smp_153690.1;Name=3014767b-2ded-4096-9183-818cb655ca47
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SM_V9_PAR2      iris    exon    2353688 2353834 .       +       .
        Parent=Smp_153690.1;Name=bab17b77-
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SM_V9_PAR2      iris    exon    2354827 2354958 .       +       .

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SM_V9_PAR2      iris    exon    2366743 2367157 .       +       .
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SM_V9_PAR2      iris    exon    2372150 2372500 .       +       .

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SM_V9_PAR2      iris    exon    2375417 2375751 .       +       .
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SM_V9_PAR2      iris    exon    2376535 2376901 .       +       .
        Parent=Smp_153690.1;Name=c42c5219-6120-41b7-a5c0-
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SM_V9_PAR2      iris    exon    2380413 2380592 .       +       .
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SM_V9_PAR2      iris    exon    2381768 2381971 .       +       .
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Parent=Smp_153690.1;Name=8e3117d0-5b63-45ff-8078-84275c428b1d
SM_V9_PAR2      iris    exon    2388314 2388396 .       +       .
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SM_V9_PAR2      iris    exon    2394260 2394566 .       +       .
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SM_V9_PAR2      iris    exon    2395099 2395212 .       +       .
        Parent=Smp_153690.1;Name=82e59c38-2d30-4492-
ab84-8b14c5680121
SM_V9_PAR2      iris    exon    2398387 2398736 .       +       .
        Parent=Smp_153690.1;Name=d0c80592-f0f7-4396-a2fb-
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        Parent=Smp_153690.1;Name=1115af97-42f7-42e2-94aa-
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SM_V9_PAR2      iris    exon    2402896 2403066 .       +       .
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SM_V9_PAR2      iris    exon    2407067 2407359 .       +       .
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SM_V9_PAR2      Liftoff CDS     2461017 2463089 .       -       0
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SM_V9_PAR2      Liftoff exon    2544484 2544621 .       -       .
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SM_V9_PAR2      Liftoff exon    2545080 2545304 .       -       .
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SM_V9_PAR2      Liftoff exon    2550511 2550552 .       -       .
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SM_V9_PAR2      Liftoff exon    2550596 2550641 .       -       .
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SM_V9_PAR2	Liftoff exon	2550596 2550641 .	-	.	Parent=Smp_153710.4
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SM_V9_PAR2	Liftoff exon	2554195 2554304 .	-	.	Parent=Smp_153710.4
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SM_V9_PAR2	Liftoff CDS	2547486 2547582 .	-	2	Parent=Smp_153710.4
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SM_V9_PAR2	iris	CDS	2598655	2598861	.	-	2
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SM_V9_PAR2      Liftoff exon    2651708 2652015 .       +       .
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SM_V9_PAR2      Liftoff CDS     2651708 2651840 .       +       1
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SM_V9_PAR2      Liftoff CDS     2651708 2651840 .       +       1
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SM_V9_PAR2      Liftoff mRNA    2651488 2656822 .       +       .

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SM_V9_PAR2      iris    exon    2681307 2681487 .       -       .

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SM_V9_PAR2      iris    exon    2684318 2684356 .       -       .
        Parent=Smp_337395.1;Name=b101986c-6dbe-4381-
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SM_V9_PAR2      iris    exon    2684390 2684469 .       -       .

Parent=Smp_337395.1;Name=abd68053-07fc-4912-8aca-7e851f27f2e1
SM_V9_PAR2      iris    exon    2684507 2684624 .       -       .
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SM_V9_PAR2      iris    CDS     2678607 2678748 .       -       2
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SM_V9_PAR2      iris    CDS     2681158 2681268 .       -       2
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SM_V9_PAR2      iris    CDS     2681307 2681487 .       -       0
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SM_V9_PAR2      iris    CDS     2684318 2684356 .       -       0
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SM_V9_PAR2      iris    CDS     2684390 2684469 .       -       2
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SM_V9_PAR2      iris    CDS     2684507 2684591 .       -       0
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SM_V9_PAR2      Liftoff mRNA    2699155 2701273 .       +       .

ID=Smp_058690.1;Parent=Smp_058690;geneID=Smp_058690;product=glutathi
one peroxidase;evidence=Traceable Author
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60 Pfam:PF00255;Ontology_term=GO:0004602,GO:0006979,GO:0055114
SM_V9_PAR2      Liftoff exon    2699155 2699472 .       +       .
        Parent=Smp_058690.1
SM_V9_PAR2      Liftoff exon    2699505 2699653 .       +       .
        Parent=Smp_058690.1
SM_V9_PAR2      Liftoff exon    2699684 2699768 .       +       .
        Parent=Smp_058690.1
SM_V9_PAR2      Liftoff exon    2701232 2701273 .       +       .
        Parent=Smp_058690.1
SM_V9_PAR2      Liftoff CDS     2699404 2699472 .       +       0
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SM_V9_PAR2      Liftoff CDS     2699505 2699653 .       +       0
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SM_V9_PAR2      Liftoff CDS     2699684 2699768 .       +       1
        Parent=Smp_058690.1
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        Parent=Smp_058690.1
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ID=Smp_178410.1;Parent=Smp_178410;geneID=Smp_178410;product=Hypothet
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SM_V9_PAR2      Liftoff exon    2717245 2717365 .       +       .
        Parent=Smp_178410.1
SM_V9_PAR2      Liftoff exon    2717399 2717433 .       +       .
        Parent=Smp_178410.1
SM_V9_PAR2      Liftoff exon    2717467 2717527 .       +       .
        Parent=Smp_178410.1
SM_V9_PAR2      Liftoff exon    2717561 2717658 .       +       .
        Parent=Smp_178410.1
SM_V9_PAR2      Liftoff exon    2717690 2717803 .       +       .
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        Parent=Smp_178410.1
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        Parent=Smp_178410.1
SM_V9_PAR2      Liftoff exon    2728810 2729150 .       +       .
        Parent=Smp_178410.1
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        Parent=Smp_178410.1
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SM_V9_PAR2      Liftoff CDS     2717835 2717896 .       +       0
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        Parent=Smp_178410.1
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        Parent=Smp_178410.1
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SM_V9_PAR2      Liftoff mRNA    2735845 2743075 .       -       .

ID=Smp_058700.1;Parent=Smp_058700;geneID=Smp_058700;product=glutathi
one peroxidase;evidence=Traceable Author
Statement;literature=PMID:1625700 PMID:7895842
PMID:8125294;polypeptide_domain=InterPro:IPR000889,IPR012336,IPR0297
60 Pfam:PF00255;Ontology_term=GO:0004602,GO:0006979,GO:0055114
SM_V9_PAR2      Liftoff exon    2735845 2736059 .       -       .
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SM_V9_PAR2      Liftoff exon    2742242 2742326 .       -       .
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        Parent=Smp_058700.1
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SM_V9_PAR2      Liftoff CDS     2742538 2742606 .       -       0
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SM_V9_PAR2      Liftoff exon    2762023 2762092 .       +       .
        Parent=Smp_337090.1
SM_V9_PAR2      Liftoff exon    2762129 2762342 .       +       .
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SM_V9_PAR2      Liftoff CDS     2762023 2762092 .       +       2
        Parent=Smp_337090.1
SM_V9_PAR2      Liftoff CDS     2762129 2762135 .       +       1
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SM_V9_PAR2      Liftoff mRNA    2760745 2762342 .       +       .

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ribosomal protein L38;polypeptide_domain=InterPro:IPR002675
Pfam:PF01781;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
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        Parent=Smp_337090.2
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        Parent=Smp_337090.2
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SM_V9_PAR2      Liftoff gene    2765658 2766821 .       +       .
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SM_V9_PAR2      Liftoff mRNA    2765658 2766821 .       +       .

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SM_V9_PAR2      Liftoff exon    2766412 2766437 .       +       .
        Parent=Smp_323140.1
SM_V9_PAR2      Liftoff exon    2766617 2766821 .       +       .
        Parent=Smp_323140.1
SM_V9_PAR2      Liftoff CDS     2766212 2766242 .       +       0
        Parent=Smp_323140.1
SM_V9_PAR2      Liftoff CDS     2766412 2766437 .       +       2
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SM_V9_PAR2      iris    exon    2813778 2813875 .       -       .

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ID=Smp_345885.1;Parent=Smp_345885;geneID=Smp_345885;gene_name=Smp_34
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dfb218dcb186
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        Parent=Smp_345885.1;Name=6d7d1b5d-5ae1-4bbe-
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        Parent=Smp_345885.1;Name=d848c9c1-face-4ced-a83d-
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SM_V9_PAR2      Liftoff CDS     3066916 3066960 .       +       0
        Parent=Smp_136570.1
SM_V9_PAR2      Liftoff CDS     3068155 3068321 .       +       0
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        Parent=Smp_136570.1
SM_V9_PAR2      Liftoff CDS     3070740 3071073 .       +       1
        Parent=Smp_136570.1
SM_V9_PAR2      Liftoff CDS     3072959 3073051 .       +       0
        Parent=Smp_136570.1
SM_V9_PAR2      Liftoff CDS     3074639 3074811 .       +       0
        Parent=Smp_136570.1
SM_V9_PAR2      Liftoff CDS     3075837 3076376 .       +       1
        Parent=Smp_136570.1
SM_V9_PAR2      Liftoff CDS     3077742 3078261 .       +       1
        Parent=Smp_136570.1
SM_V9_PAR2      iris    gene    3099340 3181740 .       +       .

ID=Smp_340530;geneID=Smp_340530;gene_name=Smp_340530;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3099340 3181740 .       +       .

ID=Smp_340530.1;Parent=Smp_340530;geneID=Smp_340530;gene_name=Smp_34
0530;owner=irisadmin@local.host;orig_id=Smp_340530.1;date_last_modif
ied=2022-07-17;Name=Smp_340530.1;product=Transmembrane protein
26;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3099340 3099645 .       +       .
        Parent=Smp_340530.1;Name=8409f783-
c5a3-4426-8b33-76957823c38b
SM_V9_PAR2      iris    exon    3143066 3143703 .       +       .
        Parent=Smp_340530.1;Name=38c04b96-05b2-4d40-bfc6-
f5be1998e7a2
SM_V9_PAR2      iris    exon    3165320 3165509 .       +       .
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        Parent=Smp_340530.1;Name=f386afff-03b0-4da8-9e0d-
d08e79085ec0
SM_V9_PAR2      iris    exon    3168901 3169014 .       +       .

Parent=Smp_340530.1;Name=736fb6d0-2563-4ae2-9931-0bb208533015
SM_V9_PAR2      iris    exon    3177978 3178028 .       +       .

Parent=Smp_340530.1;Name=30b88e36-603f-4a51-87f6-316ac19b7c79
SM_V9_PAR2      iris    exon    3180417 3181740 .       +       .

Parent=Smp_340530.1;Name=89866d36-134d-48f1-8049-2fa9e9fccc74
SM_V9_PAR2      iris    CDS     3143132 3143703 .       +       0
        Parent=Smp_340530.1
SM_V9_PAR2      iris    CDS     3165320 3165509 .       +       1
        Parent=Smp_340530.1
SM_V9_PAR2      iris    CDS     3168901 3169014 .       +       0
        Parent=Smp_340530.1
SM_V9_PAR2      iris    CDS     3177978 3178028 .       +       0
        Parent=Smp_340530.1
SM_V9_PAR2      iris    CDS     3180417 3181475 .       +       0
        Parent=Smp_340530.1
SM_V9_PAR2      iris    gene    3211471 3240086 .       +       .

ID=Smp_136580;geneID=Smp_136580;gene_name=Smp_136580;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3211471 3240086 .       +       .

ID=Smp_136580.1;Parent=Smp_136580;geneID=Smp_136580;gene_name=Smp_13
6580;owner=irisadmin@local.host;orig_id=Smp_136580.1;date_last_modif
ied=2022-07-17;Name=Smp_136580.1;product=Exocyst complex component
7;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3211471 3211674 .       +       .
        Parent=Smp_136580.1;Name=58ca786f-b0f4-49c7-b0bc-
f7792abd8f91
SM_V9_PAR2      iris    exon    3212802 3212967 .       +       .
        Parent=Smp_136580.1;Name=5607ed65-e198-4171-
ad3d-8d681194cf9d
SM_V9_PAR2      iris    exon    3214495 3214579 .       +       .

Parent=Smp_136580.1;Name=dd5081e3-8a55-4283-8faf-87bcfa8dd2fb
SM_V9_PAR2      iris    exon    3214665 3214770 .       +       .

Parent=Smp_136580.1;Name=bd5f81bd-2dce-477b-8913-18e0133dfa7f
SM_V9_PAR2      iris    exon    3214894 3215008 .       +       .
        Parent=Smp_136580.1;Name=71d4cab4-bce1-4539-
a533-9070fd209965
SM_V9_PAR2      iris    exon    3216356 3216566 .       +       .
        Parent=Smp_136580.1;Name=ed9b1360-
f67e-4d21-87c8-53914d233f7d
SM_V9_PAR2      iris    exon    3217613 3217670 .       +       .

Parent=Smp_136580.1;Name=af956aeb-26a6-4781-99ca-9c991486f6f6
SM_V9_PAR2      iris    exon    3217774 3217817 .       +       .
        Parent=Smp_136580.1;Name=733f03d1-5bbe-4773-
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b50f-537ab585b7ee
SM_V9_PAR2      iris    exon    3219658 3219680 .       +       .
        Parent=Smp_136580.1;Name=a7e0cca7-8022-4f56-
ad3f-9eeb4c942960
SM_V9_PAR2      iris    exon    3223077 3223171 .       +       .
        Parent=Smp_136580.1;Name=f872b355-5acf-4028-
a53a-3c03d40f2883
SM_V9_PAR2      iris    exon    3224405 3224518 .       +       .

Parent=Smp_136580.1;Name=50f706d8-89df-4c54-90b8-5bb95722f7de
SM_V9_PAR2      iris    exon    3225698 3225817 .       +       .
        Parent=Smp_136580.1;Name=258e3edd-d50f-4ad0-
a013-6eade79e2d09
SM_V9_PAR2      iris    exon    3226277 3226447 .       +       .
        Parent=Smp_136580.1;Name=ceace95c-e07e-4f33-
be40-69b336c3b784
SM_V9_PAR2      iris    exon    3227893 3228055 .       +       .
        Parent=Smp_136580.1;Name=c9a18ae7-0959-4cc7-adcf-
e08ea733f432
SM_V9_PAR2      iris    exon    3230871 3230991 .       +       .
        Parent=Smp_136580.1;Name=76190a0a-9b72-4f2d-
b0ab-6d62f77c1360
SM_V9_PAR2      iris    exon    3233434 3233529 .       +       .
        Parent=Smp_136580.1;Name=78ba8670-a4fc-44b5-8dc6-
da409bad7b1c
SM_V9_PAR2      iris    exon    3236637 3236832 .       +       .
        Parent=Smp_136580.1;Name=1abf2fbc-2c9a-4c17-
aded-5688a2b453b4
SM_V9_PAR2      iris    exon    3237627 3237668 .       +       .
        Parent=Smp_136580.1;Name=6bd2e870-ce40-48be-
bcb4-7d0dcad40f6b
SM_V9_PAR2      iris    exon    3239478 3240086 .       +       .
        Parent=Smp_136580.1;Name=5bc52f5a-5239-48b8-
b6c0-98d09b23580b
SM_V9_PAR2      iris    CDS     3211660 3211674 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3212802 3212967 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3214495 3214579 .       +       2
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3214665 3214770 .       +       1
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3214894 3215008 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3216356 3216566 .       +       2
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3217613 3217670 .       +       1
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3217774 3217817 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3219658 3219680 .       +       1
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3223077 3223171 .       +       2
        Parent=Smp_136580.1
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SM_V9_PAR2      iris    CDS     3224405 3224518 .       +       0
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SM_V9_PAR2      iris    CDS     3225698 3225817 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3226277 3226447 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3227893 3228055 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3230871 3230991 .       +       2
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3233434 3233529 .       +       1
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3236637 3236832 .       +       1
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3237627 3237668 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    CDS     3239478 3239732 .       +       0
        Parent=Smp_136580.1
SM_V9_PAR2      iris    gene    3240899 3270652 .       +       .

ID=Smp_026700;geneID=Smp_026700;gene_name=Smp_026700;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    3240899 3270652 .       +       .

ID=Smp_026700.1;Parent=Smp_026700;geneID=Smp_026700;gene_name=Smp_02
6700;owner=irisadmin@local.host;orig_id=Smp_026700.1;date_last_modif
ied=2022-08-15;Name=Smp_026700.1;product=tRNA-dihydrouridine(20a/
20b) synthase [NAD(P)+]-like;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    3240899 3240980 .       +       .
        Parent=Smp_026700.1;Name=57996ffa-58ac-4db9-b4b9-
a3908c461e9f
SM_V9_PAR2      iris    exon    3244087 3244208 .       +       .

Parent=Smp_026700.1;Name=b2a01e61-2a3c-4677-96cd-2ee73f4f32d6
SM_V9_PAR2      iris    exon    3249161 3249278 .       +       .
        Parent=Smp_026700.1;Name=b37177bb-a1df-42cb-a7ca-
d5a2a8d07cf1
SM_V9_PAR2      iris    exon    3252853 3253132 .       +       .
        Parent=Smp_026700.1;Name=86d11201-1445-4fdf-b417-
f0ff2dff7681
SM_V9_PAR2      iris    exon    3255362 3255602 .       +       .
        Parent=Smp_026700.1;Name=e2fdd5c2-d166-415b-
b116-997003abc997
SM_V9_PAR2      iris    exon    3270055 3270652 .       +       .
        Parent=Smp_026700.1;Name=e05cf57e-8eb8-4d4a-
a029-9c76aea1aa9a
SM_V9_PAR2      iris    CDS     3240904 3240980 .       +       0
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SM_V9_PAR2      iris    CDS     3244087 3244208 .       +       1
        Parent=Smp_026700.1
SM_V9_PAR2      iris    CDS     3249161 3249278 .       +       2
        Parent=Smp_026700.1
SM_V9_PAR2      iris    CDS     3252853 3253132 .       +       1
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SM_V9_PAR2      iris    CDS     3255362 3255602 .       +       0
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SM_V9_PAR2      iris    CDS     3270055 3270329 .       +       2
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SM_V9_PAR2      iris    gene    3273743 3275151 .       -       .

ID=Smp_136590;geneID=Smp_136590;gene_name=Smp_136590;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3273743 3275151 .       -       .

ID=Smp_136590.1;Parent=Smp_136590;geneID=Smp_136590;gene_name=Smp_13
6590;owner=irisadmin@local.host;orig_id=Smp_136590.1;date_last_modif
ied=2022-07-17;Name=Smp_136590.1;product=Pathogenesis-related
protein PR-4A;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3273743 3273921 .       -       .
        Parent=Smp_136590.1;Name=5a1782dd-3363-4c84-
addd-79720d98fbbb
SM_V9_PAR2      iris    exon    3273955 3274104 .       -       .
        Parent=Smp_136590.1;Name=00015fa4-6d7c-4e62-aed3-
a1fdd283c92d
SM_V9_PAR2      iris    exon    3275113 3275151 .       -       .
        Parent=Smp_136590.1;Name=ef7a7be1-dfbc-4543-acc8-
f4b32a9bd56a
SM_V9_PAR2      iris    CDS     3273825 3273921 .       -       1
        Parent=Smp_136590.1
SM_V9_PAR2      iris    CDS     3273955 3274100 .       -       0
        Parent=Smp_136590.1
SM_V9_PAR2      iris    gene    3294092 3294787 .       -       .

ID=Smp_335130;geneID=Smp_335130;gene_name=Smp_335130;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3294092 3294787 .       -       .

ID=Smp_335130.1;Parent=Smp_335130;geneID=Smp_335130;gene_name=Smp_33
5130;owner=irisadmin@local.host;orig_id=Smp_335130.1;date_last_modif
ied=2022-07-17;Name=Smp_335130.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3294092 3294340 .       -       .
        Parent=Smp_335130.1;Name=08d7c3bb-5815-400a-aba9-
c10efb5d57ff
SM_V9_PAR2      iris    exon    3294601 3294646 .       -       .
        Parent=Smp_335130.1;Name=d6523f5f-a5cd-4613-
b817-0df9d186e36d
SM_V9_PAR2      iris    exon    3294703 3294787 .       -       .
        Parent=Smp_335130.1;Name=b592b845-a1fc-4efb-bd20-
dbb7e62bcde2
SM_V9_PAR2      iris    CDS     3294147 3294340 .       -       2
        Parent=Smp_335130.1
SM_V9_PAR2      iris    CDS     3294601 3294640 .       -       0
        Parent=Smp_335130.1
SM_V9_PAR2      iris    gene    3331239 3331947 .       -       .

ID=Smp_335135;geneID=Smp_335135;gene_name=Smp_335135;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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SM_V9_PAR2      iris    mRNA    3331239 3331947 .       -       .

ID=Smp_335135.1;Parent=Smp_335135;geneID=Smp_335135;gene_name=Smp_33
5135;owner=irisadmin@local.host;orig_id=Smp_335130.2;date_last_modif
ied=2022-07-17;Name=Smp_335135.1;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3331239 3331500 .       -       .
        Parent=Smp_335135.1;Name=6f9e1d26-564b-409e-b4e1-
ac84a515e719
SM_V9_PAR2      iris    exon    3331761 3331806 .       -       .
        Parent=Smp_335135.1;Name=85ea9a18-88e2-4cae-9f48-
f0460fe11ce5
SM_V9_PAR2      iris    exon    3331863 3331947 .       -       .
        Parent=Smp_335135.1;Name=554bab34-fbea-4fc0-
a712-669584524d7f
SM_V9_PAR2      iris    CDS     3331353 3331500 .       -       1
        Parent=Smp_335135.1
SM_V9_PAR2      iris    CDS     3331761 3331774 .       -       0
        Parent=Smp_335135.1
SM_V9_PAR2      iris    gene    3364681 3365346 .       +       .

ID=Smp_323170;geneID=Smp_323170;gene_name=Smp_323170;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3364681 3365346 .       +       .

ID=Smp_323170.1;Parent=Smp_323170;geneID=Smp_323170;gene_name=Smp_32
3170;owner=irisadmin@local.host;orig_id=Smp_323170.1;date_last_modif
ied=2022-07-18;Name=Smp_323170.1;product=Probable dual-specificity
RNA methyltransferase RlmN;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3364681 3364761 .       +       .

Parent=Smp_323170.1;Name=52eaf301-04e6-4210-958c-36d36a557a8b
SM_V9_PAR2      iris    exon    3364818 3364863 .       +       .
        Parent=Smp_323170.1;Name=8f8fcaae-2ca7-44d5-9e0e-
bfc1fe730305
SM_V9_PAR2      iris    exon    3365119 3365346 .       +       .
        Parent=Smp_323170.1;Name=4241a4a0-3bd9-4cb9-8551-
cddfd3581db2
SM_V9_PAR2      iris    CDS     3364747 3364761 .       +       0
        Parent=Smp_323170.1
SM_V9_PAR2      iris    CDS     3364818 3364863 .       +       0
        Parent=Smp_323170.1
SM_V9_PAR2      iris    CDS     3365119 3365246 .       +       2
        Parent=Smp_323170.1
SM_V9_PAR2      Liftoff gene    3366768 3367427 .       -       .
        ID=Smp_323180;geneID=Smp_323180
SM_V9_PAR2      Liftoff mRNA    3366768 3367427 .       -       .

ID=Smp_323180.1;Parent=Smp_323180;geneID=Smp_323180;product=Probable
dual-specificity RNA methyltransferase RlmN
SM_V9_PAR2      Liftoff exon    3366768 3366994 .       -       .
        Parent=Smp_323180.1
SM_V9_PAR2      Liftoff exon    3367246 3367291 .       -       .
        Parent=Smp_323180.1
SM_V9_PAR2      Liftoff exon    3367348 3367427 .       -       .
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        Parent=Smp_323180.1
SM_V9_PAR2      Liftoff CDS     3366867 3366994 .       -       2
        Parent=Smp_323180.1
SM_V9_PAR2      Liftoff CDS     3367246 3367291 .       -       0
        Parent=Smp_323180.1
SM_V9_PAR2      Liftoff CDS     3367348 3367362 .       -       0
        Parent=Smp_323180.1
SM_V9_PAR2      Liftoff gene    3381441 3382057 .       +       .
        ID=Smp_323190;geneID=Smp_323190
SM_V9_PAR2      Liftoff mRNA    3381441 3382057 .       +       .

ID=Smp_323190.1;Parent=Smp_323190;geneID=Smp_323190;product=Peptide
deformylase
SM_V9_PAR2      Liftoff exon    3381441 3381525 .       +       .
        Parent=Smp_323190.1
SM_V9_PAR2      Liftoff exon    3381582 3381627 .       +       .
        Parent=Smp_323190.1
SM_V9_PAR2      Liftoff exon    3381848 3382057 .       +       .
        Parent=Smp_323190.1
SM_V9_PAR2      Liftoff CDS     3381511 3381525 .       +       0
        Parent=Smp_323190.1
SM_V9_PAR2      Liftoff CDS     3381582 3381627 .       +       0
        Parent=Smp_323190.1
SM_V9_PAR2      Liftoff CDS     3381848 3381984 .       +       2
        Parent=Smp_323190.1
SM_V9_PAR2      Liftoff gene    3394089 3394757 .       -       .
        ID=Smp_323200;geneID=Smp_323200
SM_V9_PAR2      Liftoff mRNA    3394089 3394757 .       -       .

ID=Smp_323200.1;Parent=Smp_323200;geneID=Smp_323200;product=Probable
dual-specificity RNA methyltransferase RlmN
SM_V9_PAR2      Liftoff exon    3394089 3394316 .       -       .
        Parent=Smp_323200.1
SM_V9_PAR2      Liftoff exon    3394572 3394617 .       -       .
        Parent=Smp_323200.1
SM_V9_PAR2      Liftoff exon    3394674 3394757 .       -       .
        Parent=Smp_323200.1
SM_V9_PAR2      Liftoff CDS     3394189 3394316 .       -       2
        Parent=Smp_323200.1
SM_V9_PAR2      Liftoff CDS     3394572 3394617 .       -       0
        Parent=Smp_323200.1
SM_V9_PAR2      Liftoff CDS     3394674 3394688 .       -       0
        Parent=Smp_323200.1
SM_V9_PAR2      Liftoff gene    3421360 3433237 .       -       .
        ID=Smp_323210;geneID=Smp_323210
SM_V9_PAR2      Liftoff mRNA    3421360 3433237 .       -       .

ID=Smp_323210.1;Parent=Smp_323210;geneID=Smp_323210;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    3421360 3421887 .       -       .
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SM_V9_PAR2      Liftoff exon    3421944 3422028 .       -       .
        Parent=Smp_323210.1
SM_V9_PAR2      Liftoff exon    3432575 3433237 .       -       .
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        Parent=Smp_323210.1
SM_V9_PAR2      Liftoff CDS     3421817 3421887 .       -       2
        Parent=Smp_323210.1
SM_V9_PAR2      Liftoff CDS     3421944 3422028 .       -       0
        Parent=Smp_323210.1
SM_V9_PAR2      Liftoff CDS     3432575 3432658 .       -       0
        Parent=Smp_323210.1
SM_V9_PAR2      Liftoff gene    3439428 3440037 .       -       .

ID=Smp_323230;geneID=Smp_323230;previous_systematic_id=Smp_136600,Sm
p_241790
SM_V9_PAR2      Liftoff mRNA    3439428 3440037 .       -       .

ID=Smp_323230.1;Parent=Smp_323230;geneID=Smp_323230;product=StAR-
related lipid transfer protein 9
SM_V9_PAR2      Liftoff exon    3439428 3439647 .       -       .
        Parent=Smp_323230.1
SM_V9_PAR2      Liftoff exon    3439862 3439907 .       -       .
        Parent=Smp_323230.1
SM_V9_PAR2      Liftoff exon    3439964 3440037 .       -       .
        Parent=Smp_323230.1
SM_V9_PAR2      Liftoff CDS     3439517 3439647 .       -       2
        Parent=Smp_323230.1
SM_V9_PAR2      Liftoff CDS     3439862 3439907 .       -       0
        Parent=Smp_323230.1
SM_V9_PAR2      Liftoff CDS     3439964 3439978 .       -       0
        Parent=Smp_323230.1
SM_V9_PAR2      Liftoff gene    3471022 3471703 .       -       .
        ID=Smp_323240;geneID=Smp_323240
SM_V9_PAR2      Liftoff mRNA    3471022 3471703 .       -       .

ID=Smp_323240.1;Parent=Smp_323240;geneID=Smp_323240;product=Plexin-
B2
SM_V9_PAR2      Liftoff exon    3471022 3471703 .       -       .
        Parent=Smp_323240.1
SM_V9_PAR2      Liftoff CDS     3471121 3471309 .       -       0
        Parent=Smp_323240.1
SM_V9_PAR2      iris    gene    3474597 3475327 .       +       .

ID=Smp_323250;geneID=Smp_323250;gene_name=Smp_323250;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3474597 3475327 .       +       .

ID=Smp_323250.1;Parent=Smp_323250;geneID=Smp_323250;gene_name=Smp_32
3250;owner=irisadmin@local.host;orig_id=Smp_323250.1;date_last_modif
ied=2022-07-17;Name=Smp_323250.1;product=Probable ribonuclease
ZC3H12C;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3474597 3474662 .       +       .
        Parent=Smp_323250.1;Name=f84f44b8-4e9f-40dc-a82a-
b6a3c4550a0d
SM_V9_PAR2      iris    exon    3474719 3474764 .       +       .
        Parent=Smp_323250.1;Name=bcd89c44-d53c-49b2-846b-
d5861bebd49b
SM_V9_PAR2      iris    exon    3474979 3475327 .       +       .
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Parent=Smp_323250.1;Name=c897e209-94a3-460a-867a-964a97e72517
SM_V9_PAR2      iris    CDS     3474648 3474662 .       +       0
        Parent=Smp_323250.1
SM_V9_PAR2      iris    CDS     3474719 3474764 .       +       0
        Parent=Smp_323250.1
SM_V9_PAR2      iris    CDS     3474979 3475160 .       +       2
        Parent=Smp_323250.1
SM_V9_PAR2      iris    gene    3487112 3491015 .       -       .

ID=Smp_323270;geneID=Smp_323270;gene_name=Smp_323270;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    3487112 3491015 .       -       .

ID=Smp_323270.2;Parent=Smp_323270;geneID=Smp_323270;gene_name=Smp_32
3270;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
mp_323270.2;product=Hypothetical protein;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    3487112 3487402 .       -       .

Parent=Smp_323270.2;Name=b2c771fd-0ec1-4f20-88f8-7707455e3cb8
SM_V9_PAR2      iris    exon    3488929 3488974 .       -       .
        Parent=Smp_323270.2;Name=9765b48f-88df-413e-80cb-
c294118d7c27
SM_V9_PAR2      iris    exon    3490674 3491015 .       -       .
        Parent=Smp_323270.2;Name=8c5efc62-
d78f-4c63-8b4f-65fe6e1418c2
SM_V9_PAR2      iris    CDS     3487221 3487402 .       -       2
        Parent=Smp_323270.2
SM_V9_PAR2      iris    CDS     3488929 3488974 .       -       0
        Parent=Smp_323270.2
SM_V9_PAR2      iris    CDS     3490674 3490688 .       -       0
        Parent=Smp_323270.2
SM_V9_PAR2      iris    mRNA    3488495 3491015 .       -       .

ID=Smp_323270.1;Parent=Smp_323270;geneID=Smp_323270;gene_name=Smp_32
3270;owner=irisadmin@local.host;orig_id=Smp_323270.4;date_last_modif
ied=2022-08-15;Name=Smp_323270.1;product=Potassium channel toxin
alpha-KTx 23.3;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    3488495 3488714 .       -       .
        Parent=Smp_323270.1;Name=aa9ac33d-cfef-4d4c-8d8c-
b19b56853036
SM_V9_PAR2      iris    exon    3488929 3488974 .       -       .

Parent=Smp_323270.1;Name=a73bd720-92fd-4c93-98aa-0ca6ff49792a
SM_V9_PAR2      iris    exon    3490674 3491015 .       -       .

Parent=Smp_323270.1;Name=b7cdb4f0-2f9d-4e23-92e8-0a20efc421bc
SM_V9_PAR2      iris    CDS     3488533 3488714 .       -       2
        Parent=Smp_323270.1
SM_V9_PAR2      iris    CDS     3488929 3488974 .       -       0
        Parent=Smp_323270.1
SM_V9_PAR2      iris    CDS     3490674 3490688 .       -       0
        Parent=Smp_323270.1
SM_V9_PAR2      Liftoff gene    3496788 3497284 .       +       .
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        ID=Smp_323280;geneID=Smp_323280
SM_V9_PAR2      Liftoff mRNA    3496788 3497284 .       +       .

ID=Smp_323280.1;Parent=Smp_323280;geneID=Smp_323280;product=Plexin-
B2
SM_V9_PAR2      Liftoff exon    3496788 3497284 .       +       .
        Parent=Smp_323280.1
SM_V9_PAR2      Liftoff CDS     3497053 3497241 .       +       0
        Parent=Smp_323280.1
SM_V9_PAR2      Liftoff gene    3501478 3502093 .       -       .
        ID=Smp_323290;geneID=Smp_323290
SM_V9_PAR2      Liftoff mRNA    3501478 3502093 .       -       .

ID=Smp_323290.1;Parent=Smp_323290;geneID=Smp_323290;product=GMP
synthase [glutamine-hydrolyzing]
SM_V9_PAR2      Liftoff exon    3501478 3501679 .       -       .
        Parent=Smp_323290.1
SM_V9_PAR2      Liftoff exon    3501927 3501972 .       -       .
        Parent=Smp_323290.1
SM_V9_PAR2      Liftoff exon    3502029 3502093 .       -       .
        Parent=Smp_323290.1
SM_V9_PAR2      Liftoff CDS     3501543 3501679 .       -       2
        Parent=Smp_323290.1
SM_V9_PAR2      Liftoff CDS     3501927 3501972 .       -       0
        Parent=Smp_323290.1
SM_V9_PAR2      Liftoff CDS     3502029 3502043 .       -       0
        Parent=Smp_323290.1
SM_V9_PAR2      iris    gene    3502719 3503321 .       +       .

ID=Smp_323300;geneID=Smp_323300;gene_name=Smp_323300;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    3502719 3503321 .       +       .

ID=Smp_323300.1;Parent=Smp_323300;geneID=Smp_323300;gene_name=Smp_32
3300;owner=irisadmin@local.host;orig_id=Smp_323300.1;date_last_modif
ied=2022-08-15;Name=Smp_323300.1;product=StAR-related lipid transfer
protein 9;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    3502719 3502781 .       +       .
        Parent=Smp_323300.1;Name=214ef372-da25-454c-ad3b-
df346013f7f1
SM_V9_PAR2      iris    exon    3502838 3502883 .       +       .

Parent=Smp_323300.1;Name=46b80785-966e-4dbc-8cd5-533a0adacbcd
SM_V9_PAR2      iris    exon    3503098 3503321 .       +       .
        Parent=Smp_323300.1;Name=b4899df9-3e05-4fae-9a77-
dd022b0447ad
SM_V9_PAR2      iris    CDS     3502767 3502781 .       +       0
        Parent=Smp_323300.1
SM_V9_PAR2      iris    CDS     3502838 3502883 .       +       0
        Parent=Smp_323300.1
SM_V9_PAR2      iris    CDS     3503098 3503228 .       +       2
        Parent=Smp_323300.1
SM_V9_PAR2      Liftoff gene    3522527 3534968 .       +       .
        ID=Smp_093800;geneID=Smp_093800
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SM_V9_PAR2      Liftoff mRNA    3522527 3534968 .       +       .

ID=Smp_093800.1;Parent=Smp_093800;geneID=Smp_093800;product=Mitochon
drial import inner membrane translocase subunit
Tim21;polypeptide_domain=InterPro:IPR013261
Pfam:PF08294;Ontology_term=GO:0005744,GO:0030150
SM_V9_PAR2      Liftoff exon    3522527 3522750 .       +       .
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff exon    3522785 3522847 .       +       .
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff exon    3522888 3522985 .       +       .
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff exon    3523035 3523108 .       +       .
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff exon    3524489 3524591 .       +       .
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff exon    3534737 3534968 .       +       .
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff CDS     3522567 3522750 .       +       0
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff CDS     3522785 3522847 .       +       2
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff CDS     3522888 3522985 .       +       2
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff CDS     3523035 3523108 .       +       0
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff CDS     3524489 3524591 .       +       1
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff CDS     3534737 3534850 .       +       0
        Parent=Smp_093800.1
SM_V9_PAR2      Liftoff gene    3547307 3555826 .       +       .

ID=Smp_199050;geneID=Smp_199050;previous_systematic_id=Smp_163150
SM_V9_PAR2      Liftoff mRNA    3547307 3555826 .       +       .

ID=Smp_199050.1;Parent=Smp_199050;geneID=Smp_199050;product=Replicat
ion protein E1
SM_V9_PAR2      Liftoff exon    3547307 3548078 .       +       .
        Parent=Smp_199050.1
SM_V9_PAR2      Liftoff exon    3551257 3555826 .       +       .
        Parent=Smp_199050.1
SM_V9_PAR2      Liftoff CDS     3547331 3548078 .       +       0
        Parent=Smp_199050.1
SM_V9_PAR2      Liftoff CDS     3551257 3551297 .       +       2
        Parent=Smp_199050.1
SM_V9_PAR2      Liftoff gene    3632918 3650153 .       -       .
        ID=Smp_176340;geneID=Smp_176340
SM_V9_PAR2      Liftoff mRNA    3632918 3650153 .       -       .

ID=Smp_176340.1;Parent=Smp_176340;geneID=Smp_176340;product=Nuclear
transcription factor Y subunit
gamma;polypeptide_domain=InterPro:IPR003958,IPR009072
Pfam:PF00808;Ontology_term=GO:0046982
SM_V9_PAR2      Liftoff exon    3632918 3634812 .       -       .
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        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff exon    3636527 3636685 .       -       .
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff exon    3639425 3639934 .       -       .
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff exon    3641046 3641258 .       -       .
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff exon    3644258 3650153 .       -       .
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff CDS     3634768 3634812 .       -       0
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff CDS     3636527 3636685 .       -       0
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff CDS     3639425 3639934 .       -       0
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff CDS     3641046 3641258 .       -       0
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff CDS     3644258 3644434 .       -       0
        Parent=Smp_176340.1
SM_V9_PAR2      Liftoff mRNA    3632918 3650153 .       -       .

ID=Smp_176340.2;Parent=Smp_176340;geneID=Smp_176340;product=Nuclear
transcription factor Y subunit
gamma;polypeptide_domain=InterPro:IPR003958,IPR009072
Pfam:PF00808;Ontology_term=GO:0046982
SM_V9_PAR2      Liftoff exon    3632918 3633890 .       -       .
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff exon    3634792 3634812 .       -       .
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff exon    3636527 3636685 .       -       .
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff exon    3639425 3639934 .       -       .
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff exon    3641046 3641258 .       -       .
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff exon    3644258 3650153 .       -       .
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff CDS     3633342 3633890 .       -       0
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff CDS     3634792 3634812 .       -       0
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff CDS     3636527 3636685 .       -       0
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff CDS     3639425 3639934 .       -       0
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff CDS     3641046 3641258 .       -       0
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff CDS     3644258 3644434 .       -       0
        Parent=Smp_176340.2
SM_V9_PAR2      Liftoff gene    3652167 3677070 .       +       .

ID=Smp_176350;geneID=Smp_176350;previous_systematic_id=Smp_098610
SM_V9_PAR2      Liftoff mRNA    3652167 3677070 .       +       .
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ID=Smp_176350.1;Parent=Smp_176350;geneID=Smp_176350;product=Contacti
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1,IPR007110,IPR013098,IPR013783,IPR016186,IPR016187
Pfam:PF00041,PF07679,PF13927;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    3652167 3652364 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3652401 3652495 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3652530 3652618 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3652656 3653021 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3653057 3653469 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3654716 3654840 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3655959 3656204 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3657578 3657679 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3658959 3659234 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3661327 3661593 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3664702 3664962 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3667265 3667481 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3668605 3668790 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3670785 3671188 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3673016 3673333 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3674822 3675221 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff exon    3676845 3677070 .       +       .
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3652262 3652364 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3652401 3652495 .       +       2
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3652530 3652618 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3652656 3653021 .       +       1
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3653057 3653469 .       +       1
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3654716 3654840 .       +       2
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3655959 3656204 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3657578 3657679 .       +       0
        Parent=Smp_176350.1
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SM_V9_PAR2      Liftoff CDS     3658959 3659234 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3661327 3661593 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3664702 3664962 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3667265 3667481 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3668605 3668790 .       +       2
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3670785 3671188 .       +       2
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3673016 3673333 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3674822 3675221 .       +       0
        Parent=Smp_176350.1
SM_V9_PAR2      Liftoff CDS     3676845 3676957 .       +       2
        Parent=Smp_176350.1
SM_V9_PAR2      iris    gene    3683177 3730553 .       +       .

ID=Smp_241420;geneID=Smp_241420;gene_name=Smp_241420;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3683177 3730553 .       +       .

ID=Smp_241420.1;Parent=Smp_241420;geneID=Smp_241420;gene_name=Smp_24
1420;owner=irisadmin@local.host;orig_id=Smp_241420.1;date_last_modif
ied=2022-07-17;Name=Smp_241420.1;product=Calcium-dependent protein
kinase C;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3683177 3683441 .       +       .
        Parent=Smp_241420.1;Name=71dfbcf9-fa6c-4762-ad62-
b45574474fbc
SM_V9_PAR2      iris    exon    3683474 3683588 .       +       .
        Parent=Smp_241420.1;Name=94e91dcc-247c-44e0-
b459-628b95b095ae
SM_V9_PAR2      iris    exon    3683623 3683731 .       +       .

Parent=Smp_241420.1;Name=ca633a06-601e-4fdb-81b1-2a29c7114ae2
SM_V9_PAR2      iris    exon    3683766 3683894 .       +       .

Parent=Smp_241420.1;Name=92d6ddf5-6548-406f-984a-2200de47ad55
SM_V9_PAR2      iris    exon    3686285 3686441 .       +       .
        Parent=Smp_241420.1;Name=8ab5760e-
e5a5-42d7-8434-60a06f5fdf82
SM_V9_PAR2      iris    exon    3686787 3687021 .       +       .
        Parent=Smp_241420.1;Name=ec1b0a7d-23bb-4e34-
ab38-10ede40a25ae
SM_V9_PAR2      iris    exon    3699546 3699677 .       +       .
        Parent=Smp_241420.1;Name=d493fb36-be6f-4e9d-be10-
ab0915d4c5c6
SM_V9_PAR2      iris    exon    3703238 3703411 .       +       .
        Parent=Smp_241420.1;Name=c36b855d-2e0a-41fa-
a643-3393646fbeb7
SM_V9_PAR2      iris    exon    3712637 3712728 .       +       .
        Parent=Smp_241420.1;Name=c5b7b198-fa1c-4b95-
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a58f-856428ef21da
SM_V9_PAR2      iris    exon    3717567 3717629 .       +       .
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b706-1bed7021129d
SM_V9_PAR2      iris    exon    3718919 3719057 .       +       .
        Parent=Smp_241420.1;Name=33538b40-6e09-49a3-
b0ea-6e44c4b9ceb9
SM_V9_PAR2      iris    exon    3720677 3720757 .       +       .
        Parent=Smp_241420.1;Name=a59f2db0-0cbb-4e8e-
b565-189511d2c169
SM_V9_PAR2      iris    exon    3723396 3723503 .       +       .
        Parent=Smp_241420.1;Name=cceab63a-8683-46c7-ba72-
ed8ae409d2c4
SM_V9_PAR2      iris    exon    3725632 3725772 .       +       .
        Parent=Smp_241420.1;Name=c12d1fe6-a5ee-4c3b-
b9e7-0117708e0dd8
SM_V9_PAR2      iris    exon    3728538 3730553 .       +       .

Parent=Smp_241420.1;Name=7f9f0d24-1b8b-4d4f-8cfa-7cb09640aae0
SM_V9_PAR2      iris    CDS     3683281 3683441 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3683474 3683588 .       +       1
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3683623 3683731 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3683766 3683894 .       +       2
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3686285 3686441 .       +       2
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3686787 3687021 .       +       1
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SM_V9_PAR2      iris    CDS     3699546 3699677 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3703238 3703411 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3712637 3712728 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3717567 3717629 .       +       1
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3718919 3719057 .       +       1
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3720677 3720757 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3723396 3723503 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3725632 3725772 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    CDS     3728538 3728690 .       +       0
        Parent=Smp_241420.1
SM_V9_PAR2      iris    gene    3735432 3758786 .       +       .

ID=Smp_241410;geneID=Smp_241410;gene_name=Smp_241410;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3735432 3758786 .       +       .
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ID=Smp_241410.1;Parent=Smp_241410;geneID=Smp_241410;gene_name=Smp_24
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ied=2022-07-17;Name=Smp_241410.1;product=Telomerase reverse
transcriptase;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3735432 3735994 .       +       .
        Parent=Smp_241410.1;Name=572c3572-bbe2-44fa-8001-
b2b7b11f3e78
SM_V9_PAR2      iris    exon    3738008 3738097 .       +       .
        Parent=Smp_241410.1;Name=ca0e72e9-8e52-4a3a-
a7cc-11d6570d2c87
SM_V9_PAR2      iris    exon    3738152 3738248 .       +       .
        Parent=Smp_241410.1;Name=13d507f2-034a-40ee-
bf39-511599ff63dc
SM_V9_PAR2      iris    exon    3740365 3740678 .       +       .
        Parent=Smp_241410.1;Name=9b773539-2610-4942-8465-
ec8e68c43f06
SM_V9_PAR2      iris    exon    3742529 3742626 .       +       .

Parent=Smp_241410.1;Name=cbb7cb94-1c8c-4a22-8196-5d1696053921
SM_V9_PAR2      iris    exon    3745586 3745676 .       +       .
        Parent=Smp_241410.1;Name=14bcb84a-e5c6-44ee-a8d6-
dff571f55dcd
SM_V9_PAR2      iris    exon    3748540 3748623 .       +       .
        Parent=Smp_241410.1;Name=9deae6b4-2a87-439b-853f-
d7c85da09e88
SM_V9_PAR2      iris    exon    3750165 3750441 .       +       .

Parent=Smp_241410.1;Name=9c6cd57d-8f33-4769-877f-46a2df6d7984
SM_V9_PAR2      iris    exon    3751840 3751902 .       +       .
        Parent=Smp_241410.1;Name=03b845ec-2477-441b-8e4d-
ae26a2b7c6c7
SM_V9_PAR2      iris    exon    3752633 3752707 .       +       .
        Parent=Smp_241410.1;Name=92d6a1b9-
c789-4825-9d01-0701e88dfa1e
SM_V9_PAR2      iris    exon    3753899 3754198 .       +       .
        Parent=Smp_241410.1;Name=d1612078-cf0d-4a68-a6da-
f6c45a788d2a
SM_V9_PAR2      iris    exon    3758568 3758786 .       +       .
        Parent=Smp_241410.1;Name=9830a326-c1f3-45a5-87bf-
de4a1e2afae0
SM_V9_PAR2      iris    CDS     3735944 3735994 .       +       0
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3738008 3738097 .       +       0
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3738152 3738248 .       +       0
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3740365 3740678 .       +       2
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3742529 3742626 .       +       0
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3745586 3745676 .       +       1
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3748540 3748623 .       +       0
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SM_V9_PAR2      iris    CDS     3750165 3750441 .       +       0
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SM_V9_PAR2      iris    CDS     3751840 3751902 .       +       2
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3752633 3752707 .       +       2
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3753899 3754198 .       +       2
        Parent=Smp_241410.1
SM_V9_PAR2      iris    CDS     3758568 3758764 .       +       2
        Parent=Smp_241410.1
SM_V9_PAR2      Liftoff gene    3770387 3777445 .       +       .
        ID=Smp_098650;geneID=Smp_098650
SM_V9_PAR2      Liftoff mRNA    3770387 3775516 .       +       .

ID=Smp_098650.2;Parent=Smp_098650;geneID=Smp_098650;product=Intrafla
gellar transport protein 57
homolog;polypeptide_domain=InterPro:IPR019530 Pfam:PF10498
SM_V9_PAR2      Liftoff exon    3770387 3773652 .       +       .
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff exon    3773687 3774195 .       +       .
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff exon    3774862 3775250 .       +       .
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff exon    3775283 3775516 .       +       .
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff CDS     3773525 3773652 .       +       0
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff CDS     3773687 3774195 .       +       1
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff CDS     3774862 3775250 .       +       2
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff CDS     3775283 3775375 .       +       0
        Parent=Smp_098650.2
SM_V9_PAR2      Liftoff mRNA    3770387 3777445 .       +       .

ID=Smp_098650.1;Parent=Smp_098650;geneID=Smp_098650;product=Intrafla
gellar transport protein 57
homolog;polypeptide_domain=InterPro:IPR019530 Pfam:PF10498
SM_V9_PAR2      Liftoff exon    3770387 3773652 .       +       .
        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff exon    3773687 3774195 .       +       .
        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff exon    3774862 3775250 .       +       .
        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff exon    3776911 3777445 .       +       .
        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff CDS     3773525 3773652 .       +       0
        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff CDS     3773687 3774195 .       +       1
        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff CDS     3774862 3775250 .       +       2
        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff CDS     3776911 3777240 .       +       0
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        Parent=Smp_098650.1
SM_V9_PAR2      Liftoff gene    3776368 3794043 .       -       .
        ID=Smp_176370;geneID=Smp_176370
SM_V9_PAR2      Liftoff mRNA    3776368 3794043 .       -       .

ID=Smp_176370.1;Parent=Smp_176370;geneID=Smp_176370;product=TBC1
domain family member
23;polypeptide_domain=InterPro:IPR000195,IPR001763
Pfam:PF00566,PF00581
SM_V9_PAR2      Liftoff exon    3776368 3779906 .       -       .
        Parent=Smp_176370.1
SM_V9_PAR2      Liftoff exon    3786743 3787170 .       -       .
        Parent=Smp_176370.1
SM_V9_PAR2      Liftoff exon    3788290 3794043 .       -       .
        Parent=Smp_176370.1
SM_V9_PAR2      Liftoff CDS     3778623 3779906 .       -       0
        Parent=Smp_176370.1
SM_V9_PAR2      Liftoff CDS     3786743 3787170 .       -       2
        Parent=Smp_176370.1
SM_V9_PAR2      Liftoff CDS     3788290 3789103 .       -       0
        Parent=Smp_176370.1
SM_V9_PAR2      Liftoff gene    3802435 3803333 .       -       .
        ID=Smp_323320;geneID=Smp_323320
SM_V9_PAR2      Liftoff mRNA    3802435 3803333 .       -       .

ID=Smp_323320.1;Parent=Smp_323320;geneID=Smp_323320;product=Potassiu
m channel toxin alpha-KTx 23.3
SM_V9_PAR2      Liftoff exon    3802435 3802668 .       -       .
        Parent=Smp_323320.1
SM_V9_PAR2      Liftoff exon    3802885 3802930 .       -       .
        Parent=Smp_323320.1
SM_V9_PAR2      Liftoff exon    3802987 3803333 .       -       .
        Parent=Smp_323320.1
SM_V9_PAR2      Liftoff CDS     3802520 3802668 .       -       2
        Parent=Smp_323320.1
SM_V9_PAR2      Liftoff CDS     3802885 3802930 .       -       0
        Parent=Smp_323320.1
SM_V9_PAR2      Liftoff CDS     3802987 3803001 .       -       0
        Parent=Smp_323320.1
SM_V9_PAR2      iris    gene    3852497 3868893 .       -       .

ID=Smp_018240;geneID=Smp_018240;gene_name=Smp_018240;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    3852497 3868893 .       -       .

ID=Smp_018240.1;Parent=Smp_018240;geneID=Smp_018240;gene_name=Smp_01
8240;owner=irisadmin@local.host;orig_id=Smp_018240.1;date_last_modif
ied=2022-08-15;Name=Smp_018240.1;product=Transitional endoplasmic
reticulum ATPase;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    3852497 3852972 .       -       .
        Parent=Smp_018240.1;Name=b14b72ba-3ac0-41d6-b9c8-
eb510866895e
SM_V9_PAR2      iris    exon    3861220 3861374 .       -       .
        Parent=Smp_018240.1;Name=1fc9c696-3ba9-4f46-aa99-
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c864ad7d2a95
SM_V9_PAR2      iris    exon    3863457 3863612 .       -       .
        Parent=Smp_018240.1;Name=9f386661-244f-419d-
bc51-97854adc31a2
SM_V9_PAR2      iris    exon    3865640 3865891 .       -       .

Parent=Smp_018240.1;Name=07c91b88-3c00-4f51-905f-2083f2e9a3b1
SM_V9_PAR2      iris    exon    3866885 3868060 .       -       .

Parent=Smp_018240.1;Name=db5bfc34-1dd2-4f6b-9b8c-81c44721f3a5
SM_V9_PAR2      iris    exon    3868097 3868289 .       -       .
        Parent=Smp_018240.1;Name=b59c4945-bd4e-4483-be62-
b44158be811b
SM_V9_PAR2      iris    exon    3868322 3868575 .       -       .
        Parent=Smp_018240.1;Name=814ef08b-4ca5-471f-
b77d-2893feb4365a
SM_V9_PAR2      iris    exon    3868611 3868713 .       -       .
        Parent=Smp_018240.1;Name=90e85cb6-
dddf-4e68-9152-71708f023b97
SM_V9_PAR2      iris    exon    3868797 3868893 .       -       .
        Parent=Smp_018240.1;Name=1812fc18-23d0-4329-a397-
a16133c7768a
SM_V9_PAR2      iris    CDS     3852867 3852972 .       -       1
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3861220 3861374 .       -       0
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3863457 3863612 .       -       0
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3865640 3865891 .       -       0
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3866885 3868060 .       -       0
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3868097 3868289 .       -       1
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3868322 3868575 .       -       0
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3868611 3868713 .       -       1
        Parent=Smp_018240.1
SM_V9_PAR2      iris    CDS     3868797 3868813 .       -       0
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SM_V9_PAR2      iris    mRNA    3857849 3868893 .       -       .

ID=Smp_018240.2;Parent=Smp_018240;geneID=Smp_018240;gene_name=Smp_01
8240;owner=irisadmin@local.host;orig_id=Smp_018240.2;date_last_modif
ied=2022-08-15;Name=Smp_018240.2;product=Transitional endoplasmic
reticulum ATPase;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    3857849 3858403 .       -       .
        Parent=Smp_018240.2;Name=49b90d43-0ae4-4854-94a1-
fd7c7e115e84
SM_V9_PAR2      iris    exon    3861220 3861374 .       -       .
        Parent=Smp_018240.2;Name=0dedbba7-a83d-4b20-
a7c9-8dc24cabbf40
SM_V9_PAR2      iris    exon    3863457 3863612 .       -       .
        Parent=Smp_018240.2;Name=4a04b8fd-5348-4c2b-
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a5fc-0c48dabc60b2
SM_V9_PAR2      iris    exon    3865640 3865891 .       -       .
        Parent=Smp_018240.2;Name=f5fddf0e-
e931-4ea2-9cc1-0860e42b6ea3
SM_V9_PAR2      iris    exon    3866885 3868060 .       -       .

Parent=Smp_018240.2;Name=2cd4b79a-6079-4148-80d8-9868ad576327
SM_V9_PAR2      iris    exon    3868097 3868289 .       -       .
        Parent=Smp_018240.2;Name=5c496fbb-80c7-4fe6-9c65-
fe9f72fac167
SM_V9_PAR2      iris    exon    3868322 3868575 .       -       .
        Parent=Smp_018240.2;Name=7c91ff8d-ab1b-4ddf-
af30-2b8787f288eb
SM_V9_PAR2      iris    exon    3868611 3868713 .       -       .
        Parent=Smp_018240.2;Name=b4d9cc8a-dc5c-475d-
ba3c-0bd52de504b2
SM_V9_PAR2      iris    exon    3868797 3868893 .       -       .

Parent=Smp_018240.2;Name=cae56ea3-600b-472c-92db-7d4c72051c86
SM_V9_PAR2      iris    CDS     3858298 3858403 .       -       1
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3861220 3861374 .       -       0
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3863457 3863612 .       -       0
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3865640 3865891 .       -       0
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3866885 3868060 .       -       0
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3868097 3868289 .       -       1
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3868322 3868575 .       -       0
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3868611 3868713 .       -       1
        Parent=Smp_018240.2
SM_V9_PAR2      iris    CDS     3868797 3868813 .       -       0
        Parent=Smp_018240.2
SM_V9_PAR2      Liftoff gene    3872558 3872719 .       +       .
        ID=Smp_192020;geneID=Smp_192020
SM_V9_PAR2      Liftoff mRNA    3872558 3872719 .       +       .

ID=Smp_192020.1;Parent=Smp_192020;geneID=Smp_192020;product=tRNA
modification GTPase MnmE
SM_V9_PAR2      Liftoff exon    3872558 3872719 .       +       .
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SM_V9_PAR2      Liftoff CDS     3872558 3872719 .       +       0
        Parent=Smp_192020.1
SM_V9_PAR2      Liftoff gene    3885950 3896184 .       +       .
        ID=Smp_018220;geneID=Smp_018220
SM_V9_PAR2      Liftoff mRNA    3885950 3896184 .       +       .

ID=Smp_018220.1;Parent=Smp_018220;geneID=Smp_018220;product=Mediator
of RNA polymerase II transcription subunit
26;polypeptide_domain=InterPro:IPR017923;Ontology_term=GO:0005634
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SM_V9_PAR2      Liftoff exon    3885950 3896184 .       +       .
        Parent=Smp_018220.1
SM_V9_PAR2      Liftoff CDS     3894222 3895721 .       +       0
        Parent=Smp_018220.1
SM_V9_PAR2      iris    gene    3896188 3898667 .       -       .

ID=Smp_189830;geneID=Smp_189830;gene_name=Smp_189830;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3896188 3898667 .       -       .

ID=Smp_189830.1;Parent=Smp_189830;geneID=Smp_189830;gene_name=Smp_18
9830;owner=irisadmin@local.host;orig_id=Smp_189830.1;date_last_modif
ied=2022-07-17;Name=Smp_189830.1;product=WD repeat-containing
protein 88;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3896188 3896356 .       -       .
        Parent=Smp_189830.1;Name=1e8c93ab-2f9e-46c6-b79f-
f00e095101ba
SM_V9_PAR2      iris    exon    3897835 3898027 .       -       .
        Parent=Smp_189830.1;Name=f466d813-62e1-4e52-
bd04-01e6cb47cd56
SM_V9_PAR2      iris    exon    3898065 3898147 .       -       .
        Parent=Smp_189830.1;Name=52be84d2-6d4a-4094-
ae9c-1b26bdd03313
SM_V9_PAR2      iris    exon    3898182 3898366 .       -       .
        Parent=Smp_189830.1;Name=174d5317-1109-48ca-a1a8-
a8eaec6c4f6f
SM_V9_PAR2      iris    exon    3898405 3898531 .       -       .
        Parent=Smp_189830.1;Name=318b3815-a80f-4ab5-
b181-0d05b3e64afd
SM_V9_PAR2      iris    exon    3898574 3898667 .       -       .
        Parent=Smp_189830.1;Name=61deb7d9-4f9e-4c6e-
b3e6-8a262f5e6a54
SM_V9_PAR2      iris    CDS     3897923 3898027 .       -       0
        Parent=Smp_189830.1
SM_V9_PAR2      iris    CDS     3898065 3898147 .       -       2
        Parent=Smp_189830.1
SM_V9_PAR2      iris    CDS     3898182 3898366 .       -       1
        Parent=Smp_189830.1
SM_V9_PAR2      iris    CDS     3898405 3898531 .       -       2
        Parent=Smp_189830.1
SM_V9_PAR2      iris    CDS     3898574 3898622 .       -       0
        Parent=Smp_189830.1
SM_V9_PAR2      iris    gene    3918030 3931124 .       +       .

ID=Smp_018210;geneID=Smp_018210;gene_name=Smp_018210;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3918030 3931124 .       +       .

ID=Smp_018210.1;Parent=Smp_018210;geneID=Smp_018210;gene_name=Smp_01
8210;owner=irisadmin@local.host;orig_id=Smp_018210.1;date_last_modif
ied=2022-07-17;Name=Smp_018210.1;product=FIT family protein
CG10671;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3918030 3918075 .       +       .
        Parent=Smp_018210.1;Name=89e6bb6d-e268-40e8-9f19-
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c95e4565a36c
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ab55-213162ec179f
SM_V9_PAR2      iris    CDS     3929362 3930363 .       +       0
        Parent=Smp_018210.1
SM_V9_PAR2      iris    gene    3935885 3949698 .       -       .

ID=Smp_132180;geneID=Smp_132180;gene_name=Smp_132180;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3935885 3949698 .       -       .

ID=Smp_132180.1;Parent=Smp_132180;geneID=Smp_132180;gene_name=Smp_13
2180;owner=irisadmin@local.host;orig_id=Smp_132180.1;date_last_modif
ied=2022-07-17;Name=Smp_132180.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3935885 3939922 .       -       .

Parent=Smp_132180.1;Name=3789c8cc-5690-434f-9c49-30ad54574aad
SM_V9_PAR2      iris    exon    3940918 3941051 .       -       .
        Parent=Smp_132180.1;Name=54390d27-227e-4deb-b000-
d4bd8caa74ae
SM_V9_PAR2      iris    exon    3942214 3942347 .       -       .
        Parent=Smp_132180.1;Name=eaf7b588-b3e1-4fa7-bd57-
f82114641b6a
SM_V9_PAR2      iris    exon    3944127 3944151 .       -       .
        Parent=Smp_132180.1;Name=ae16a000-
f8e4-4683-86a2-80e7b3c9bd6b
SM_V9_PAR2      iris    exon    3944902 3945881 .       -       .
        Parent=Smp_132180.1;Name=a18a23b3-0602-4840-
b527-499faa9af6bf
SM_V9_PAR2      iris    exon    3949617 3949698 .       -       .

Parent=Smp_132180.1;Name=7a700efc-1ccb-47da-991e-30e2418869b5
SM_V9_PAR2      iris    CDS     3936223 3939922 .       -       1
        Parent=Smp_132180.1
SM_V9_PAR2      iris    CDS     3940918 3941051 .       -       0
        Parent=Smp_132180.1
SM_V9_PAR2      iris    CDS     3942214 3942347 .       -       2
        Parent=Smp_132180.1
SM_V9_PAR2      iris    CDS     3944127 3944151 .       -       0
        Parent=Smp_132180.1
SM_V9_PAR2      iris    CDS     3944902 3945732 .       -       0
        Parent=Smp_132180.1
SM_V9_PAR2      iris    gene    3963320 3988611 .       +       .

ID=Smp_132170;geneID=Smp_132170;gene_name=Smp_132170;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3963320 3988611 .       +       .

ID=Smp_132170.1;Parent=Smp_132170;geneID=Smp_132170;gene_name=Smp_13
2170;owner=irisadmin@local.host;orig_id=Smp_132170.3;date_last_modif
ied=2022-07-17;Name=Smp_132170.1;product=Lysine-specific demethylase
4C;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    3963320 3963406 .       +       .
        Parent=Smp_132170.1;Name=1249e648-6dd4-48e8-
bfe7-467bcb2c6c20
SM_V9_PAR2      iris    exon    3963441 3963683 .       +       .
        Parent=Smp_132170.1;Name=897c2d1c-17b3-4aba-90a6-
dd3325cb65be
SM_V9_PAR2      iris    exon    3963719 3964139 .       +       .
        Parent=Smp_132170.1;Name=7c07a251-6033-4962-
ba50-7d1e68beee3d
SM_V9_PAR2      iris    exon    3964172 3964275 .       +       .
        Parent=Smp_132170.1;Name=c0013472-e670-4d28-
b6c9-6d65491491ee
SM_V9_PAR2      iris    exon    3964309 3964618 .       +       .
        Parent=Smp_132170.1;Name=7870b06b-57e7-4be1-83bb-
caa0dac3fe1d
SM_V9_PAR2      iris    exon    3964650 3964790 .       +       .
        Parent=Smp_132170.1;Name=18b515e9-1df7-4cfc-9ebf-
eca64af3d190
SM_V9_PAR2      iris    exon    3969712 3969875 .       +       .

Parent=Smp_132170.1;Name=20b322f9-1f2c-4246-8ad8-15c1c3a4b4ec
SM_V9_PAR2      iris    exon    3970959 3971249 .       +       .
        Parent=Smp_132170.1;Name=6736d793-
b5f9-4494-9d6d-8aa6319b717c
SM_V9_PAR2      iris    exon    3972577 3972989 .       +       .

Parent=Smp_132170.1;Name=d766d235-4790-468c-927b-2283a2505a2d
SM_V9_PAR2      iris    exon    3973946 3974306 .       +       .
        Parent=Smp_132170.1;Name=c39f4bc0-d04b-4747-bdd3-
ad018bb875a0
SM_V9_PAR2      iris    exon    3975483 3975656 .       +       .
        Parent=Smp_132170.1;Name=5e901d68-26f9-4430-
a69b-8dc0bb951772
SM_V9_PAR2      iris    exon    3975837 3975953 .       +       .
        Parent=Smp_132170.1;Name=010ce39d-1d5d-4a11-a061-
c8bb463ffad2
SM_V9_PAR2      iris    exon    3978659 3978737 .       +       .
        Parent=Smp_132170.1;Name=7a9cc2b2-e238-437a-b734-
b002476ec361
SM_V9_PAR2      iris    exon    3988403 3988611 .       +       .

Parent=Smp_132170.1;Name=751758c8-3cc7-470a-9ea3-2484591cd594
SM_V9_PAR2      iris    CDS     3963356 3963406 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3963441 3963683 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3963719 3964139 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3964172 3964275 .       +       2
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3964309 3964618 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3964650 3964790 .       +       2
        Parent=Smp_132170.1
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SM_V9_PAR2      iris    CDS     3969712 3969875 .       +       2
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3970959 3971249 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3972577 3972989 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3973946 3974306 .       +       1
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3975483 3975656 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3975837 3975953 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3978659 3978737 .       +       0
        Parent=Smp_132170.1
SM_V9_PAR2      iris    CDS     3988403 3988488 .       +       2
        Parent=Smp_132170.1
SM_V9_PAR2      iris    gene    3996890 4008900 .       +       .

ID=Smp_323330;geneID=Smp_323330;gene_name=Smp_323330;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    3996890 4008900 .       +       .

ID=Smp_323330.1;Parent=Smp_323330;geneID=Smp_323330;gene_name=Smp_32
3330;owner=irisadmin@local.host;orig_id=Smp_323330.3;date_last_modif
ied=2022-07-17;Name=Smp_323330.1;product=Thiol:disulfide interchange
protein CycY;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    3996890 3997084 .       +       .

Parent=Smp_323330.1;Name=567ad7d4-0a63-4bdc-9c74-26a3bcb33a9f
SM_V9_PAR2      iris    exon    3997124 3997333 .       +       .
        Parent=Smp_323330.1;Name=ad44c5bb-49d3-49a2-93e6-
c58711c6d146
SM_V9_PAR2      iris    exon    3997384 3997549 .       +       .
        Parent=Smp_323330.1;Name=50bf2ece-
b680-47f8-889b-4483724af968
SM_V9_PAR2      iris    exon    3999029 3999049 .       +       .
        Parent=Smp_323330.1;Name=17e33edd-0841-417a-9164-
b895771ab5ae
SM_V9_PAR2      iris    exon    4005805 4005979 .       +       .
        Parent=Smp_323330.1;Name=238a93d6-
b695-4a55-808d-227342afb77f
SM_V9_PAR2      iris    exon    4008453 4008900 .       +       .
        Parent=Smp_323330.1;Name=dd66d14a-c41f-49c1-a1b5-
be7d92d6d6f1
SM_V9_PAR2      iris    CDS     3997264 3997333 .       +       0
        Parent=Smp_323330.1
SM_V9_PAR2      iris    CDS     3997384 3997549 .       +       2
        Parent=Smp_323330.1
SM_V9_PAR2      iris    CDS     3999029 3999049 .       +       1
        Parent=Smp_323330.1
SM_V9_PAR2      iris    CDS     4005805 4005979 .       +       1
        Parent=Smp_323330.1
SM_V9_PAR2      iris    CDS     4008453 4008773 .       +       0
        Parent=Smp_323330.1
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SM_V9_PAR2      Liftoff gene    4011154 4015836 .       -       .
        ID=Smp_323340;geneID=Smp_323340
SM_V9_PAR2      Liftoff mRNA    4011154 4015836 .       -       .

ID=Smp_323340.1;Parent=Smp_323340;geneID=Smp_323340;product=Probable
DNA-directed RNA polymerase III subunit RPC6
SM_V9_PAR2      Liftoff exon    4011154 4011241 .       -       .
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff exon    4012015 4012307 .       -       .
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff exon    4015305 4015577 .       -       .
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff exon    4015612 4015836 .       -       .
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff CDS     4011184 4011241 .       -       1
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff CDS     4012015 4012307 .       -       0
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff CDS     4015305 4015577 .       -       0
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff CDS     4015612 4015716 .       -       0
        Parent=Smp_323340.1
SM_V9_PAR2      Liftoff gene    4019895 4023006 .       -       .
        ID=Smp_303350;geneID=Smp_303350
SM_V9_PAR2      Liftoff mRNA    4019895 4023006 .       -       .

ID=Smp_303350.1;Parent=Smp_303350;geneID=Smp_303350;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    4019895 4020342 .       -       .
        Parent=Smp_303350.1
SM_V9_PAR2      Liftoff exon    4022832 4023006 .       -       .
        Parent=Smp_303350.1
SM_V9_PAR2      Liftoff CDS     4020022 4020342 .       -       0
        Parent=Smp_303350.1
SM_V9_PAR2      Liftoff CDS     4022832 4022999 .       -       0
        Parent=Smp_303350.1
SM_V9_PAR2      Liftoff gene    4023966 4027085 .       -       .
        ID=Smp_323350;geneID=Smp_323350
SM_V9_PAR2      Liftoff mRNA    4023966 4027085 .       -       .

ID=Smp_323350.1;Parent=Smp_323350;geneID=Smp_323350;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    4023966 4024427 .       -       .
        Parent=Smp_323350.1
SM_V9_PAR2      Liftoff exon    4026911 4027085 .       -       .
        Parent=Smp_323350.1
SM_V9_PAR2      Liftoff CDS     4024107 4024427 .       -       0
        Parent=Smp_323350.1
SM_V9_PAR2      Liftoff CDS     4026911 4027078 .       -       0
        Parent=Smp_323350.1
SM_V9_PAR2      Liftoff gene    4027991 4028537 .       -       .
        ID=Smp_323360;geneID=Smp_323360
SM_V9_PAR2      Liftoff mRNA    4027991 4028537 .       -       .
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ID=Smp_323360.1;Parent=Smp_323360;geneID=Smp_323360;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    4027991 4028537 .       -       .
        Parent=Smp_323360.1
SM_V9_PAR2      Liftoff CDS     4028189 4028515 .       -       0
        Parent=Smp_323360.1
SM_V9_PAR2      iris    gene    4049273 4061914 .       +       .

ID=Smp_018170;geneID=Smp_018170;gene_name=Smp_018170;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    4049273 4061914 .       +       .

ID=Smp_018170.1;Parent=Smp_018170;geneID=Smp_018170;gene_name=Smp_01
8170;owner=irisadmin@local.host;orig_id=Smp_018170.1;date_last_modif
ied=2022-07-17;Name=Smp_018170.1;product=Krueppel-like factor
6;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    4049273 4049520 .       +       .
        Parent=Smp_018170.1;Name=6c314d12-
f9f7-487c-8b42-18e861b6c66c
SM_V9_PAR2      iris    exon    4058367 4061914 .       +       .
        Parent=Smp_018170.1;Name=cbbb9d37-b94e-4f65-
a539-5317460b298d
SM_V9_PAR2      iris    CDS     4049434 4049520 .       +       0
        Parent=Smp_018170.1
SM_V9_PAR2      iris    CDS     4058367 4059923 .       +       0
        Parent=Smp_018170.1
SM_V9_PAR2      Liftoff gene    4065854 4128284 .       -       .
        ID=Smp_018160;geneID=Smp_018160
SM_V9_PAR2      Liftoff mRNA    4065854 4128284 .       -       .

ID=Smp_018160.1;Parent=Smp_018160;geneID=Smp_018160;product=PIH1
domain-containing protein
1;polypeptide_domain=InterPro:IPR008978,IPR012981 Pfam:PF08190
SM_V9_PAR2      Liftoff exon    4065854 4065986 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4087435 4087578 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4124437 4124575 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4124624 4124723 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4124770 4124913 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4127831 4127951 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4127985 4128052 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4128088 4128139 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff exon    4128176 4128284 .       -       .
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4065945 4065986 .       -       0
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4087435 4087578 .       -       0
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        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4124437 4124575 .       -       1
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4124624 4124723 .       -       2
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4124770 4124913 .       -       2
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4127831 4127951 .       -       0
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4127985 4128052 .       -       2
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4128088 4128139 .       -       0
        Parent=Smp_018160.1
SM_V9_PAR2      Liftoff CDS     4128176 4128205 .       -       0
        Parent=Smp_018160.1
SM_V9_PAR2      iris    gene    4136675 4187502 .       -       .

ID=Smp_340310;geneID=Smp_340310;gene_name=Smp_340310;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    4136675 4187502 .       -       .

ID=Smp_340310.1;Parent=Smp_340310;geneID=Smp_340310;gene_name=Smp_34
0310;owner=irisadmin@local.host;orig_id=Smp_340310.1;date_last_modif
ied=2022-07-17;Name=Smp_340310.1;product=Mannosyl-oligosaccharide
1,2-alpha-mannosidase IB;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    4136675 4138160 .       -       .
        Parent=Smp_340310.1;Name=5ec34cc2-878c-438d-a7fe-
dc8839695f33
SM_V9_PAR2      iris    exon    4140424 4140695 .       -       .

Parent=Smp_340310.1;Name=14155310-67a0-4918-9804-9d4604f3da44
SM_V9_PAR2      iris    exon    4141234 4141558 .       -       .
        Parent=Smp_340310.1;Name=251894dd-
d697-4554-9949-760a9d37e4cc
SM_V9_PAR2      iris    exon    4148722 4148845 .       -       .
        Parent=Smp_340310.1;Name=3dd9313c-b184-4390-ab41-
faf9ffbb34cc
SM_V9_PAR2      iris    exon    4151756 4151850 .       -       .

Parent=Smp_340310.1;Name=ae135fc2-0dae-4b4f-9f2e-2b169fadd288
SM_V9_PAR2      iris    exon    4160853 4160933 .       -       .
        Parent=Smp_340310.1;Name=50d9314d-1ef2-475a-943c-
ee55fa24d8b1
SM_V9_PAR2      iris    exon    4163359 4163574 .       -       .
        Parent=Smp_340310.1;Name=67583f4c-c278-43f0-
b53e-81d9267586a7
SM_V9_PAR2      iris    exon    4170041 4170328 .       -       .
        Parent=Smp_340310.1;Name=1f88bf5d-
e7d2-4bb1-8bf9-2592d32ac586
SM_V9_PAR2      iris    exon    4174516 4174627 .       -       .

Parent=Smp_340310.1;Name=82947a88-527d-4f35-81d7-9af524466bf6
SM_V9_PAR2      iris    exon    4181695 4181731 .       -       .
        Parent=Smp_340310.1;Name=b932d32c-3bf6-4cc3-
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af91-54f0659f379a
SM_V9_PAR2      iris    exon    4187440 4187502 .       -       .
        Parent=Smp_340310.1;Name=c54be7ef-
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SM_V9_PAR2      iris    CDS     4137930 4138160 .       -       0
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4140424 4140695 .       -       2
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4141234 4141558 .       -       0
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4148722 4148845 .       -       1
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4151756 4151850 .       -       0
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4160853 4160933 .       -       0
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4163359 4163574 .       -       0
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4170041 4170328 .       -       0
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4174516 4174627 .       -       1
        Parent=Smp_340310.1
SM_V9_PAR2      iris    CDS     4181695 4181696 .       -       0
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SM_V9_PAR2      Liftoff gene    4200957 4249922 .       +       .

ID=Smp_244490;geneID=Smp_244490;previous_systematic_id=Smp_132150,Sm
p_132160
SM_V9_PAR2      Liftoff mRNA    4200957 4249922 .       +       .

ID=Smp_244490.1;Parent=Smp_244490;geneID=Smp_244490;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    4200957 4203524 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff exon    4204853 4205838 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff exon    4216355 4216934 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff exon    4232423 4233114 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff exon    4235448 4236584 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff exon    4244057 4244500 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff exon    4247485 4247874 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff exon    4248668 4249922 .       +       .
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff CDS     4203017 4203524 .       +       0
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff CDS     4204853 4205838 .       +       2
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff CDS     4216355 4216934 .       +       0
        Parent=Smp_244490.1
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SM_V9_PAR2      Liftoff CDS     4232423 4233114 .       +       2
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff CDS     4235448 4236584 .       +       0
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff CDS     4244057 4244500 .       +       0
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff CDS     4247485 4247874 .       +       0
        Parent=Smp_244490.1
SM_V9_PAR2      Liftoff CDS     4248668 4249108 .       +       0
        Parent=Smp_244490.1
SM_V9_PAR2      iris    gene    4249916 4257150 .       -       .

ID=Smp_349880;geneID=Smp_349880;gene_name=Smp_349880;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    4249916 4257150 .       -       .

ID=Smp_349880.1;Parent=Smp_349880;geneID=Smp_349880;gene_name=Smp_34
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ied=2022-08-15;Name=Smp_349880.1;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    4249916 4250103 .       -       .
        Parent=Smp_349880.1;Name=Smp_349880.1-CDS
SM_V9_PAR2      iris    exon    4251133 4251398 .       -       .

Parent=Smp_349880.1;Name=975808ca-5ebe-4701-84fd-3e7d0299efbb
SM_V9_PAR2      iris    exon    4257113 4257150 .       -       .
        Parent=Smp_349880.1;Name=6e3a0402-8a0b-4094-8649-
d2968cad7339
SM_V9_PAR2      iris    CDS     4250006 4250103 .       -       2
        Parent=Smp_349880.1
SM_V9_PAR2      iris    CDS     4251133 4251398 .       -       1
        Parent=Smp_349880.1
SM_V9_PAR2      iris    CDS     4257113 4257126 .       -       0
        Parent=Smp_349880.1
SM_V9_PAR2      iris    gene    4265640 4333869 .       +       .

ID=Smp_305720;geneID=Smp_305720;gene_name=Smp_305720;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    4265640 4333869 .       +       .

ID=Smp_305720.1;Parent=Smp_305720;geneID=Smp_305720;gene_name=Smp_30
5720;owner=irisadmin@local.host;orig_id=Smp_305720.1;date_last_modif
ied=2022-08-15;Name=Smp_305720.1;product=Kinesin-like protein
KIF9;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    4265640 4265761 .       +       .
        Parent=Smp_305720.1;Name=93b72b7b-40ca-467d-
b44c-7170ad8cc226
SM_V9_PAR2      iris    exon    4272835 4272964 .       +       .
        Parent=Smp_305720.1;Name=98eb2d44-
f9e3-4d6b-8c90-8e57006d281b
SM_V9_PAR2      iris    exon    4274625 4274778 .       +       .
        Parent=Smp_305720.1;Name=1d8cc626-6a0d-4985-8424-
ee6996f5fbd5
SM_V9_PAR2      iris    exon    4277668 4277860 .       +       .
        Parent=Smp_305720.1;Name=1a53b7c9-753a-485c-
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a6ff-4ca8f52a9c37
SM_V9_PAR2      iris    exon    4281145 4281321 .       +       .
        Parent=Smp_305720.1;Name=8aa30f74-03a4-4725-9355-
c20c82dfa967
SM_V9_PAR2      iris    exon    4283495 4283707 .       +       .
        Parent=Smp_305720.1;Name=7a1fa903-aad0-4246-
b5c8-2f8232ba5efe
SM_V9_PAR2      iris    exon    4285184 4285261 .       +       .

Parent=Smp_305720.1;Name=c680c514-8245-4064-9c83-1d5c6ec9744f
SM_V9_PAR2      iris    exon    4286486 4286554 .       +       .
        Parent=Smp_305720.1;Name=2a4a9588-
e0d0-48aa-9b3b-98e6bcb3148b
SM_V9_PAR2      iris    exon    4292171 4292275 .       +       .
        Parent=Smp_305720.1;Name=4dde0aab-6183-4b42-821f-
c17b99053c08
SM_V9_PAR2      iris    exon    4295534 4295589 .       +       .
        Parent=Smp_305720.1;Name=b79f66e1-
e21a-4436-82ec-737224a64d14
SM_V9_PAR2      iris    exon    4310943 4311315 .       +       .
        Parent=Smp_305720.1;Name=f1073ce9-1261-44f2-
a027-9a7bea7f1be9
SM_V9_PAR2      iris    exon    4319798 4319895 .       +       .
        Parent=Smp_305720.1;Name=a6216651-2b6d-40cc-
ae53-1658190bb9c3
SM_V9_PAR2      iris    exon    4326122 4326204 .       +       .
        Parent=Smp_305720.1;Name=a08d1c6c-8b09-478a-85f2-
a0c15421f1b5
SM_V9_PAR2      iris    exon    4331013 4331135 .       +       .
        Parent=Smp_305720.1;Name=882a4b50-3cce-4935-bcdc-
d5bb6edd867d
SM_V9_PAR2      iris    exon    4331680 4331727 .       +       .

Parent=Smp_305720.1;Name=ff88d377-196c-4242-9022-8b24e18e79cc
SM_V9_PAR2      iris    exon    4333365 4333869 .       +       .
        Parent=Smp_305720.1;Name=955473f0-4134-4476-b686-
bf58e9a03619
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SM_V9_PAR2      iris    CDS     4272835 4272964 .       +       0
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SM_V9_PAR2      iris    CDS     4274625 4274778 .       +       2
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SM_V9_PAR2      iris    CDS     4277668 4277860 .       +       1
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SM_V9_PAR2      iris    CDS     4281145 4281321 .       +       0
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4283495 4283707 .       +       0
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4285184 4285261 .       +       0
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4286486 4286554 .       +       0
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4292171 4292275 .       +       0
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SM_V9_PAR2      iris    CDS     4295534 4295589 .       +       0
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SM_V9_PAR2      iris    CDS     4310943 4311315 .       +       1
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4319798 4319895 .       +       0
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4326122 4326204 .       +       1
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4331013 4331135 .       +       2
        Parent=Smp_305720.1
SM_V9_PAR2      iris    CDS     4331680 4331687 .       +       2
        Parent=Smp_305720.1
SM_V9_PAR2      Liftoff gene    4356720 4383104 .       +       .

ID=Smp_305730;geneID=Smp_305730;previous_systematic_id=Smp_018120,Sm
p_132130,Smp_244500
SM_V9_PAR2      Liftoff mRNA    4356720 4383104 .       +       .

ID=Smp_305730.1;Parent=Smp_305730;geneID=Smp_305730;product=Putative
cysteine-rich repeat secretory protein 32
SM_V9_PAR2      Liftoff exon    4356720 4356968 .       +       .
        Parent=Smp_305730.1
SM_V9_PAR2      Liftoff exon    4376483 4376739 .       +       .
        Parent=Smp_305730.1
SM_V9_PAR2      Liftoff exon    4379593 4383104 .       +       .
        Parent=Smp_305730.1
SM_V9_PAR2      Liftoff CDS     4356935 4356968 .       +       0
        Parent=Smp_305730.1
SM_V9_PAR2      Liftoff CDS     4376483 4376739 .       +       2
        Parent=Smp_305730.1
SM_V9_PAR2      Liftoff CDS     4379593 4379730 .       +       0
        Parent=Smp_305730.1
SM_V9_PAR2      Liftoff gene    4384460 4398986 .       -       .
        ID=Smp_132120;geneID=Smp_132120
SM_V9_PAR2      Liftoff mRNA    4384460 4398986 .       -       .

ID=Smp_132120.1;Parent=Smp_132120;geneID=Smp_132120;product=Oxidativ
e stress-responsive serine-rich protein 1
SM_V9_PAR2      Liftoff exon    4384460 4386615 .       -       .
        Parent=Smp_132120.1
SM_V9_PAR2      Liftoff exon    4393702 4398986 .       -       .
        Parent=Smp_132120.1
SM_V9_PAR2      Liftoff CDS     4385823 4386615 .       -       1
        Parent=Smp_132120.1
SM_V9_PAR2      Liftoff CDS     4393702 4394801 .       -       0
        Parent=Smp_132120.1
SM_V9_PAR2      iris    gene    4417802 4426358 .       -       .

ID=Smp_132090;geneID=Smp_132090;gene_name=Smp_132090;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_PAR2      iris    mRNA    4417802 4426358 .       -       .

ID=Smp_132090.1;Parent=Smp_132090;geneID=Smp_132090;gene_name=Smp_13
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2090;owner=irisadmin@local.host;orig_id=Smp_132090.1;date_last_modif
ied=2022-08-14;Name=Smp_132090.1;product=WD repeat-containing
protein 53;date_creation=2022-08-14
SM_V9_PAR2      iris    exon    4417802 4418287 .       -       .
        Parent=Smp_132090.1;Name=8c704b7e-0dec-49b3-8885-
cb58b64b9415
SM_V9_PAR2      iris    exon    4419935 4420096 .       -       .
        Parent=Smp_132090.1;Name=6c1217df-6050-4aef-b093-
d0c974e09c5c
SM_V9_PAR2      iris    exon    4420986 4421222 .       -       .
        Parent=Smp_132090.1;Name=1ef8bce8-3f11-462f-
a744-5e65547b10df
SM_V9_PAR2      iris    exon    4424968 4425534 .       -       .

Parent=Smp_132090.1;Name=4cbb79ef-7f6b-4f57-9b9e-01b9eba6b85f
SM_V9_PAR2      iris    exon    4425579 4425967 .       -       .
        Parent=Smp_132090.1;Name=2c1f6eea-ed30-4d74-8ffb-
c38909127ea4
SM_V9_PAR2      iris    exon    4426002 4426105 .       -       .
        Parent=Smp_132090.1;Name=f31e7c6d-be8f-4411-83d7-
b86b8ab97ad1
SM_V9_PAR2      iris    exon    4426148 4426200 .       -       .
        Parent=Smp_132090.1;Name=d73c251b-
fd47-4c76-824e-5f41bf9ba4f4
SM_V9_PAR2      iris    exon    4426249 4426358 .       -       .
        Parent=Smp_132090.1;Name=e95637ce-303c-4d49-
a5a1-914a0ec76e60
SM_V9_PAR2      iris    CDS     4418264 4418287 .       -       0
        Parent=Smp_132090.1
SM_V9_PAR2      iris    CDS     4419935 4420096 .       -       0
        Parent=Smp_132090.1
SM_V9_PAR2      iris    CDS     4420986 4421222 .       -       0
        Parent=Smp_132090.1
SM_V9_PAR2      iris    CDS     4424968 4425534 .       -       0
        Parent=Smp_132090.1
SM_V9_PAR2      iris    CDS     4425579 4425857 .       -       0
        Parent=Smp_132090.1
SM_V9_PAR2      Liftoff gene    4426600 4449676 .       +       .
        ID=Smp_132080;geneID=Smp_132080
SM_V9_PAR2      Liftoff mRNA    4426600 4449676 .       +       .

ID=Smp_132080.1;Parent=Smp_132080;geneID=Smp_132080;product=Synaptic
vesicle 2-related
protein;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_PAR2      Liftoff exon    4426600 4427599 .       +       .
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SM_V9_PAR2      Liftoff exon    4447375 4447605 .       +       .
        Parent=Smp_132080.1
SM_V9_PAR2      Liftoff exon    4448716 4449676 .       +       .
        Parent=Smp_132080.1
SM_V9_PAR2      Liftoff CDS     4426643 4427599 .       +       0
        Parent=Smp_132080.1
SM_V9_PAR2      Liftoff CDS     4447375 4447605 .       +       0
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        Parent=Smp_132080.1
SM_V9_PAR2      Liftoff CDS     4448716 4449297 .       +       0
        Parent=Smp_132080.1
SM_V9_PAR2      Liftoff gene    4452387 4454585 .       -       .

ID=Smp_347200;geneID=Smp_347200;previous_systematic_id=Smp_203690
SM_V9_PAR2      Liftoff mRNA    4452387 4454585 .       -       .

ID=Smp_347200.1;Parent=Smp_347200;geneID=Smp_347200;product=Imidazol
eglycerol-phosphate dehydratase
SM_V9_PAR2      Liftoff exon    4452387 4452582 .       -       .
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff exon    4453272 4453358 .       -       .
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff exon    4453392 4453499 .       -       .
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff exon    4453533 4454585 .       -       .
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff CDS     4452436 4452582 .       -       0
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff CDS     4453272 4453358 .       -       0
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff CDS     4453392 4453499 .       -       0
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff CDS     4453533 4453556 .       -       0
        Parent=Smp_347200.1
SM_V9_PAR2      Liftoff gene    4475140 4554383 .       +       .

ID=Smp_305740;geneID=Smp_305740;previous_systematic_id=Smp_132070
SM_V9_PAR2      Liftoff mRNA    4475140 4554383 .       +       .

ID=Smp_305740.1;Parent=Smp_305740;geneID=Smp_305740;product=Neuronal
acetylcholine receptor subunit
alpha-4;polypeptide_domain=InterPro:IPR002394,IPR006029,IPR006201,IP
R006202,IPR018000
Pfam:PF02931,PF02932;Ontology_term=GO:0005216,GO:0005230,GO:0006811,
GO:0016021,GO:0022848,GO:0045211
SM_V9_PAR2      Liftoff exon    4475140 4490815 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff exon    4517946 4518139 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff exon    4527714 4527823 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff exon    4534650 4534985 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff exon    4542169 4542287 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff exon    4546713 4546799 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff exon    4551640 4551758 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff exon    4553224 4554383 .       +       .
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4490728 4490815 .       +       0
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        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4517946 4518139 .       +       2
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4527714 4527823 .       +       0
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4534650 4534985 .       +       1
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4542169 4542287 .       +       1
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4546713 4546799 .       +       2
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4551640 4551758 .       +       2
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff CDS     4553224 4554051 .       +       0
        Parent=Smp_305740.1
SM_V9_PAR2      Liftoff mRNA    4475140 4554383 .       +       .

ID=Smp_305740.2;Parent=Smp_305740;geneID=Smp_305740;product=Neuronal
acetylcholine receptor subunit
alpha-4;polypeptide_domain=InterPro:IPR002394,IPR006029,IPR006201,IP
R006202,IPR018000
Pfam:PF02931,PF02932;Ontology_term=GO:0005216,GO:0005230,GO:0006811,
GO:0016021,GO:0022848,GO:0045211
SM_V9_PAR2      Liftoff exon    4475140 4500559 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff exon    4517946 4518139 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff exon    4527714 4527823 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff exon    4534650 4534985 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff exon    4542169 4542287 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff exon    4546713 4546799 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff exon    4551640 4551758 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff exon    4553224 4554383 .       +       .
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff CDS     4500511 4500559 .       +       0
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff CDS     4517946 4518139 .       +       2
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff CDS     4527714 4527823 .       +       0
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff CDS     4534650 4534985 .       +       1
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff CDS     4542169 4542287 .       +       1
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff CDS     4546713 4546799 .       +       2
        Parent=Smp_305740.2
SM_V9_PAR2      Liftoff CDS     4551640 4551758 .       +       2
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SM_V9_PAR2      Liftoff CDS     4553224 4554051 .       +       0
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SM_V9_PAR2      iris    gene    4597945 4614129 .       +       .

ID=Smp_305760;geneID=Smp_305760;gene_name=Smp_305760;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_PAR2      iris    mRNA    4597945 4614129 .       +       .

ID=Smp_305760.1;Parent=Smp_305760;geneID=Smp_305760;gene_name=Smp_30
5760;owner=irisadmin@local.host;orig_id=Smp_305760.1;date_last_modif
ied=2022-08-14;Name=Smp_305760.1;product=DNA ligase
3;date_creation=2022-08-14
SM_V9_PAR2      iris    exon    4597945 4598032 .       +       .
        Parent=Smp_305760.1;Name=302cf4c9-714e-43f6-
a76b-00864051fd29
SM_V9_PAR2      iris    exon    4598067 4598312 .       +       .
        Parent=Smp_305760.1;Name=14a9539c-78af-431a-
ab3e-83aebd3fb965
SM_V9_PAR2      iris    exon    4598352 4598493 .       +       .
        Parent=Smp_305760.1;Name=0176597c-677f-4f3e-a0e8-
f252ffabbe85
SM_V9_PAR2      iris    exon    4598527 4598607 .       +       .

Parent=Smp_305760.1;Name=09bfb8bb-51f3-4074-9e9e-5d30e4da7751
SM_V9_PAR2      iris    exon    4598644 4598697 .       +       .

Parent=Smp_305760.1;Name=8b52b2d5-0d19-42ff-87b4-976cc1ac0cc2
SM_V9_PAR2      iris    exon    4604059 4604231 .       +       .
        Parent=Smp_305760.1;Name=60a0f0c4-
bd22-4c2b-9885-03b5bbe57733
SM_V9_PAR2      iris    exon    4613266 4614129 .       +       .
        Parent=Smp_305760.1;Name=6a0451c5-3c80-4d28-8b2f-
cf11ed4ef0cd
SM_V9_PAR2      iris    CDS     4598014 4598032 .       +       0
        Parent=Smp_305760.1
SM_V9_PAR2      iris    CDS     4598067 4598312 .       +       2
        Parent=Smp_305760.1
SM_V9_PAR2      iris    CDS     4598352 4598493 .       +       2
        Parent=Smp_305760.1
SM_V9_PAR2      iris    CDS     4598527 4598607 .       +       1
        Parent=Smp_305760.1
SM_V9_PAR2      iris    CDS     4598644 4598697 .       +       1
        Parent=Smp_305760.1
SM_V9_PAR2      iris    CDS     4604059 4604231 .       +       1
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SM_V9_PAR2      iris    CDS     4613266 4613393 .       +       2
        Parent=Smp_305760.1
SM_V9_PAR2      iris    gene    4623364 4629576 .       -       .

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SM_V9_PAR2      iris    mRNA    4623364 4629576 .       -       .

ID=Smp_018030.1;Parent=Smp_018030;geneID=Smp_018030;gene_name=Smp_01
8030;owner=irisadmin@local.host;orig_id=Smp_018030.1;date_last_modif
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ied=2022-07-17;Name=Smp_018030.1;product=Vacuolar protein sorting-
associated protein 72 homolog;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    4623364 4624319 .       -       .
        Parent=Smp_018030.1;Name=906cfd44-
c071-4224-8e38-0dd0701ae9f8
SM_V9_PAR2      iris    exon    4625398 4625548 .       -       .
        Parent=Smp_018030.1;Name=c6499adc-975b-49b8-838d-
bdd30b950dc7
SM_V9_PAR2      iris    exon    4626155 4626376 .       -       .

Parent=Smp_018030.1;Name=1aea8d3b-7ac3-4fed-998e-5ee21571323c
SM_V9_PAR2      iris    exon    4627086 4627257 .       -       .
        Parent=Smp_018030.1;Name=0c7a77d9-5cf9-4c1e-9927-
c78dc5c54153
SM_V9_PAR2      iris    exon    4628002 4628178 .       -       .
        Parent=Smp_018030.1;Name=8aa14ee8-
a78d-469c-9210-23ff95f21e96
SM_V9_PAR2      iris    exon    4629455 4629576 .       -       .
        Parent=Smp_018030.1;Name=4a92d2db-180c-4a82-a9f1-
d36e360ff171
SM_V9_PAR2      iris    CDS     4623980 4624319 .       -       1
        Parent=Smp_018030.1
SM_V9_PAR2      iris    CDS     4625398 4625548 .       -       2
        Parent=Smp_018030.1
SM_V9_PAR2      iris    CDS     4626155 4626376 .       -       2
        Parent=Smp_018030.1
SM_V9_PAR2      iris    CDS     4627086 4627257 .       -       0
        Parent=Smp_018030.1
SM_V9_PAR2      iris    CDS     4628002 4628178 .       -       0
        Parent=Smp_018030.1
SM_V9_PAR2      iris    CDS     4629455 4629571 .       -       0
        Parent=Smp_018030.1
SM_V9_PAR2      Liftoff gene    4631244 4633485 .       -       .
        ID=Smp_018020;geneID=Smp_018020
SM_V9_PAR2      Liftoff mRNA    4631244 4633485 .       -       .

ID=Smp_018020.1;Parent=Smp_018020;geneID=Smp_018020;product=NADH
dehydrogenase [ubiquinone] iron-sulfur protein 4,
mitochondrial;polypeptide_domain=InterPro:IPR006885
Pfam:PF04800;Ontology_term=GO:0016651,GO:0022900
SM_V9_PAR2      Liftoff exon    4631244 4631777 .       -       .
        Parent=Smp_018020.1
SM_V9_PAR2      Liftoff exon    4633235 4633485 .       -       .
        Parent=Smp_018020.1
SM_V9_PAR2      Liftoff CDS     4631358 4631777 .       -       0
        Parent=Smp_018020.1
SM_V9_PAR2      Liftoff CDS     4633235 4633315 .       -       0
        Parent=Smp_018020.1
SM_V9_PAR2      Liftoff gene    4644769 4660694 .       +       .
        ID=Smp_018010;geneID=Smp_018010
SM_V9_PAR2      Liftoff mRNA    4644769 4660694 .       +       .

ID=Smp_018010.1;Parent=Smp_018010;geneID=Smp_018010;product=Cytospin
-A;polypeptide_domain=InterPro:IPR001715
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Pfam:PF00307;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    4644769 4648205 .       +       .
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff exon    4653548 4654030 .       +       .
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff exon    4655019 4655584 .       +       .
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff exon    4657505 4658267 .       +       .
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff exon    4659999 4660694 .       +       .
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff CDS     4646274 4648205 .       +       0
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff CDS     4653548 4654030 .       +       0
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff CDS     4655019 4655584 .       +       0
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff CDS     4657505 4658267 .       +       1
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff CDS     4659999 4660172 .       +       0
        Parent=Smp_018010.1
SM_V9_PAR2      Liftoff gene    4707449 4711511 .       +       .
        ID=Smp_132060;geneID=Smp_132060
SM_V9_PAR2      Liftoff mRNA    4707449 4711511 .       +       .

ID=Smp_132060.1;Parent=Smp_132060;geneID=Smp_132060;product=Doublese
x- and mab-3-related transcription factor
3a;polypeptide_domain=InterPro:IPR001275
Pfam:PF00751;Ontology_term=GO:0006355,GO:0043565
SM_V9_PAR2      Liftoff exon    4707449 4708065 .       +       .
        Parent=Smp_132060.1
SM_V9_PAR2      Liftoff exon    4710703 4711511 .       +       .
        Parent=Smp_132060.1
SM_V9_PAR2      Liftoff CDS     4707510 4708065 .       +       0
        Parent=Smp_132060.1
SM_V9_PAR2      Liftoff CDS     4710703 4711490 .       +       2
        Parent=Smp_132060.1
SM_V9_PAR2      Liftoff gene    4716746 4721225 .       -       .
        ID=Smp_323370;geneID=Smp_323370
SM_V9_PAR2      Liftoff mRNA    4716746 4721225 .       -       .

ID=Smp_323370.1;Parent=Smp_323370;geneID=Smp_323370;product=Protein
translocase subunit SecA
SM_V9_PAR2      Liftoff exon    4716746 4721225 .       -       .
        Parent=Smp_323370.1
SM_V9_PAR2      Liftoff CDS     4717967 4718176 .       -       0
        Parent=Smp_323370.1
SM_V9_PAR2      Liftoff gene    4726534 4727285 .       -       .
        ID=Smp_017990;geneID=Smp_017990
SM_V9_PAR2      Liftoff mRNA    4726534 4727285 .       -       .

ID=Smp_017990.1;Parent=Smp_017990;geneID=Smp_017990;product=tRNA N6-
adenosine threonylcarbamoyltransferase
SM_V9_PAR2      Liftoff exon    4726534 4727285 .       -       .
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        Parent=Smp_017990.1
SM_V9_PAR2      Liftoff CDS     4726716 4727006 .       -       0
        Parent=Smp_017990.1
SM_V9_PAR2      Liftoff gene    4735588 4753696 .       +       .
        ID=Smp_132050;geneID=Smp_132050
SM_V9_PAR2      Liftoff mRNA    4735588 4753696 .       +       .

ID=Smp_132050.1;Parent=Smp_132050;geneID=Smp_132050;product=Ran-
binding protein
9;polypeptide_domain=InterPro:IPR001870,IPR003877,IPR006595,IPR01314
4,IPR013320,IPR024964 Pfam:PF00622,PF10607;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    4735588 4735845 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4735884 4735995 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4736036 4736088 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4737853 4738046 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4739147 4739337 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4741578 4742034 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4743132 4743323 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4744349 4744858 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4750494 4750611 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff exon    4751250 4753696 .       +       .
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4735647 4735845 .       +       0
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4735884 4735995 .       +       2
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4736036 4736088 .       +       1
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4737853 4738046 .       +       2
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4739147 4739337 .       +       0
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4741578 4742034 .       +       1
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4743132 4743323 .       +       0
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4744349 4744858 .       +       0
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4750494 4750611 .       +       0
        Parent=Smp_132050.1
SM_V9_PAR2      Liftoff CDS     4751250 4752349 .       +       2
        Parent=Smp_132050.1
SM_V9_PAR2      iris    gene    4771043 4833781 .       +       .

ID=Smp_305770;geneID=Smp_305770;gene_name=Smp_305770;owner=irisadmin
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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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ID=Smp_305770.1;Parent=Smp_305770;geneID=Smp_305770;gene_name=Smp_30
5770;owner=irisadmin@local.host;orig_id=Smp_305770.1;date_last_modif
ied=2022-07-17;Name=Smp_305770.1;product=DnaJ homolog subfamily C
member 28;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    4771043 4771535 .       +       .
        Parent=Smp_305770.1;Name=26f17e6b-9468-4511-a2fd-
a89241e21de0
SM_V9_PAR2      iris    exon    4823491 4823751 .       +       .
        Parent=Smp_305770.1;Name=518545b2-6f09-4f4d-
ac3a-977d7aa88425
SM_V9_PAR2      iris    exon    4831418 4831723 .       +       .
        Parent=Smp_305770.1;Name=cc8dc342-8916-4428-b033-
a7f1a673b928
SM_V9_PAR2      iris    exon    4833369 4833781 .       +       .
        Parent=Smp_305770.1;Name=1c3a22a3-3f0b-4e46-85af-
ac96f57f3c06
SM_V9_PAR2      iris    CDS     4771128 4771535 .       +       0
        Parent=Smp_305770.1
SM_V9_PAR2      iris    CDS     4823491 4823751 .       +       0
        Parent=Smp_305770.1
SM_V9_PAR2      iris    CDS     4831418 4831627 .       +       0
        Parent=Smp_305770.1
SM_V9_PAR2      Liftoff gene    4835569 4843544 .       -       .
        ID=Smp_132030;geneID=Smp_132030
SM_V9_PAR2      Liftoff mRNA    4835569 4843544 .       -       .

ID=Smp_132030.1;Parent=Smp_132030;geneID=Smp_132030;product=DNA-
directed RNA polymerases I, II, and III subunit
RPABC4;polypeptide_domain=InterPro:IPR006591,IPR029040
Pfam:PF03604;Ontology_term=GO:0003677,GO:0003899,GO:0006351
SM_V9_PAR2      Liftoff exon    4835569 4835668 .       -       .
        Parent=Smp_132030.1
SM_V9_PAR2      Liftoff exon    4837446 4837538 .       -       .
        Parent=Smp_132030.1
SM_V9_PAR2      Liftoff exon    4843181 4843544 .       -       .
        Parent=Smp_132030.1
SM_V9_PAR2      Liftoff CDS     4835646 4835668 .       -       2
        Parent=Smp_132030.1
SM_V9_PAR2      Liftoff CDS     4837446 4837538 .       -       2
        Parent=Smp_132030.1
SM_V9_PAR2      Liftoff CDS     4843181 4843265 .       -       0
        Parent=Smp_132030.1
SM_V9_PAR2      Liftoff gene    4854168 4863728 .       +       .
        ID=Smp_132020;geneID=Smp_132020
SM_V9_PAR2      Liftoff mRNA    4854168 4863728 .       +       .

ID=Smp_132020.1;Parent=Smp_132020;geneID=Smp_132020;product=Fizzy-
related protein
homolog;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IP
R019775,IPR024977 Pfam:PF00400,PF12894;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    4854168 4854250 .       +       .
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        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4854285 4854392 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4854430 4854765 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4856609 4856710 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4856889 4857044 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4857149 4857214 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4858201 4858794 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4859110 4859376 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4860445 4860681 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff exon    4863002 4863728 .       +       .
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff CDS     4854203 4854250 .       +       0
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff CDS     4854285 4854392 .       +       0
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff CDS     4854430 4854765 .       +       0
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff CDS     4856609 4856710 .       +       0
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SM_V9_PAR2      Liftoff CDS     4856889 4857044 .       +       0
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SM_V9_PAR2      Liftoff CDS     4857149 4857214 .       +       0
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff CDS     4858201 4858794 .       +       0
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff CDS     4859110 4859376 .       +       0
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff CDS     4860445 4860681 .       +       0
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SM_V9_PAR2      Liftoff CDS     4863002 4863043 .       +       0
        Parent=Smp_132020.1
SM_V9_PAR2      Liftoff gene    4891686 4894295 .       -       .
        ID=Smp_132010;geneID=Smp_132010
SM_V9_PAR2      Liftoff mRNA    4891686 4894295 .       -       .

ID=Smp_132010.1;Parent=Smp_132010;geneID=Smp_132010;product=Neurogen
ic locus notch homolog protein 1
SM_V9_PAR2      Liftoff exon    4891686 4894295 .       -       .
        Parent=Smp_132010.1
SM_V9_PAR2      Liftoff CDS     4892291 4894027 .       -       0
        Parent=Smp_132010.1
SM_V9_PAR2      iris    gene    4971248 5017291 .       +       .

ID=Smp_132000;geneID=Smp_132000;gene_name=Smp_132000;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    4971248 5017291 .       +       .
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ID=Smp_132000.1;Parent=Smp_132000;geneID=Smp_132000;gene_name=Smp_13
2000;owner=irisadmin@local.host;orig_id=Smp_132000.1;date_last_modif
ied=2022-07-17;Name=Smp_132000.1;product=Zinc finger SWIM domain-
containing protein 8;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    4971248 4971513 .       +       .
        Parent=Smp_132000.1;Name=b39b475b-
b8c0-4414-97f2-958602864be7
SM_V9_PAR2      iris    exon    4973507 4973764 .       +       .
        Parent=Smp_132000.1;Name=6728f782-2a50-4a06-8547-
a3dd0e38645a
SM_V9_PAR2      iris    exon    4974580 4975481 .       +       .
        Parent=Smp_132000.1;Name=1562797d-06ca-486c-
bccc-2b5dfb1cc487
SM_V9_PAR2      iris    exon    4976939 4977020 .       +       .
        Parent=Smp_132000.1;Name=770c45c6-fc41-475b-8cbb-
acc5ebad11ad
SM_V9_PAR2      iris    exon    4978534 4978850 .       +       .
        Parent=Smp_132000.1;Name=3f291d3e-cbf8-4d51-
ac5c-9fa457bd9c64
SM_V9_PAR2      iris    exon    4981626 4982119 .       +       .
        Parent=Smp_132000.1;Name=33f7fcca-521e-4d03-
a205-2812668d245c
SM_V9_PAR2      iris    exon    4983554 4983615 .       +       .

Parent=Smp_132000.1;Name=5da01803-8858-4d56-9ec1-312d179ba395
SM_V9_PAR2      iris    exon    4984571 4984800 .       +       .

Parent=Smp_132000.1;Name=42091063-57bb-4e1b-9d1e-82cc23c1a85f
SM_V9_PAR2      iris    exon    4986605 4987141 .       +       .

Parent=Smp_132000.1;Name=876e6fc2-50fb-46cf-9fc9-3ce9b73f7d10
SM_V9_PAR2      iris    exon    4987796 4988285 .       +       .

Parent=Smp_132000.1;Name=7313cd7d-708d-4ade-8650-9f4fdcf63ebe
SM_V9_PAR2      iris    exon    4989315 4989805 .       +       .
        Parent=Smp_132000.1;Name=7a8d343a-32fa-4d9a-
ad2a-0c221d897df4
SM_V9_PAR2      iris    exon    4992290 4992773 .       +       .
        Parent=Smp_132000.1;Name=d65588b2-9ebf-4118-8b38-
b6e979614515
SM_V9_PAR2      iris    exon    4995410 4995585 .       +       .
        Parent=Smp_132000.1;Name=db6857fd-d0ee-4dd8-a8e3-
b3313bc00636
SM_V9_PAR2      iris    exon    4998329 4998934 .       +       .
        Parent=Smp_132000.1;Name=1a6a9b0a-24ff-4d67-a048-
bdec1943ab2e
SM_V9_PAR2      iris    exon    4999582 4999918 .       +       .
        Parent=Smp_132000.1;Name=aebdfe3c-e9a6-4c2c-aab1-
e450d986fa05
SM_V9_PAR2      iris    exon    5001006 5001211 .       +       .
        Parent=Smp_132000.1;Name=7ead7ed2-6831-4a3d-9a8d-
bfeb9cced529
SM_V9_PAR2      iris    exon    5003184 5004221 .       +       .
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a2dc0ea7ebfe
SM_V9_PAR2      iris    exon    5006512 5007170 .       +       .
        Parent=Smp_132000.1;Name=9f03da53-8b08-46fc-
a130-2293988fd48f
SM_V9_PAR2      iris    exon    5007959 5008396 .       +       .
        Parent=Smp_132000.1;Name=01ca5d49-2107-49df-
a5d7-29da7c6b385d
SM_V9_PAR2      iris    exon    5010922 5011886 .       +       .
        Parent=Smp_132000.1;Name=86a05802-
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SM_V9_PAR2      iris    exon    5015659 5017291 .       +       .
        Parent=Smp_132000.1;Name=52df8033-2ddb-43e3-
a373-145b878075cc
SM_V9_PAR2      iris    CDS     4971366 4971513 .       +       0
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4973507 4973764 .       +       2
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4974580 4975481 .       +       2
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4976939 4977020 .       +       0
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4978534 4978850 .       +       2
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4981626 4982119 .       +       0
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4983554 4983615 .       +       1
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4984571 4984800 .       +       2
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4986605 4987141 .       +       0
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SM_V9_PAR2      iris    CDS     4987796 4988285 .       +       0
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SM_V9_PAR2      iris    CDS     4989315 4989805 .       +       2
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4992290 4992773 .       +       0
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4995410 4995585 .       +       2
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     4998329 4998934 .       +       0
        Parent=Smp_132000.1
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        Parent=Smp_132000.1
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        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     5005197 5005335 .       +       0
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     5006512 5007170 .       +       2
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SM_V9_PAR2      iris    CDS     5007959 5008396 .       +       0
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SM_V9_PAR2      iris    CDS     5010922 5011886 .       +       0
        Parent=Smp_132000.1
SM_V9_PAR2      iris    CDS     5015659 5015899 .       +       1
        Parent=Smp_132000.1
SM_V9_PAR2      Liftoff gene    5024193 5085241 .       +       .

ID=Smp_340300;geneID=Smp_340300;previous_systematic_id=Smp_017900
SM_V9_PAR2      Liftoff mRNA    5024193 5085241 .       +       .

ID=Smp_340300.1;Parent=Smp_340300;geneID=Smp_340300;product=Ribosoma
l protein S6 kinase 2
alpha;polypeptide_domain=InterPro:IPR000719,IPR000961,IPR008271,IPR0
11009,IPR016239,IPR017441,IPR017892
Pfam:PF00069,PF00433;Ontology_term=GO:0000287,GO:0004672,GO:0004674,
GO:0005524,GO:0006468,GO:0035556
SM_V9_PAR2      Liftoff exon    5024193 5024277 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5024311 5024358 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5024392 5024505 .       +       .
        Parent=Smp_340300.1
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        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5024658 5024738 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5024771 5024850 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5024889 5024995 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5027678 5027935 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5038039 5038127 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5039686 5039853 .       +       .
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SM_V9_PAR2      Liftoff exon    5044266 5044493 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5046481 5046689 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5059560 5059649 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5066005 5066163 .       +       .
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SM_V9_PAR2      Liftoff exon    5075313 5075474 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5076775 5076969 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5083180 5083326 .       +       .
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff exon    5084737 5085241 .       +       .
        Parent=Smp_340300.1
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SM_V9_PAR2      Liftoff CDS     5024221 5024277 .       +       0
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SM_V9_PAR2      Liftoff CDS     5024311 5024358 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5024392 5024505 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5024542 5024623 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5024658 5024738 .       +       2
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5024771 5024850 .       +       2
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5024889 5024995 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5027678 5027935 .       +       1
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5038039 5038127 .       +       1
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SM_V9_PAR2      Liftoff CDS     5039686 5039853 .       +       2
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5044266 5044493 .       +       2
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SM_V9_PAR2      Liftoff CDS     5046481 5046689 .       +       2
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5059560 5059649 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5066005 5066163 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5075313 5075474 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5076775 5076969 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5083180 5083326 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff CDS     5084737 5084883 .       +       0
        Parent=Smp_340300.1
SM_V9_PAR2      Liftoff mRNA    5024193 5085241 .       +       .

ID=Smp_340300.2;Parent=Smp_340300;geneID=Smp_340300;product=Ribosoma
l protein S6 kinase 2
alpha;polypeptide_domain=InterPro:IPR000719,IPR000961,IPR008271,IPR0
11009,IPR016239,IPR017441,IPR017892
Pfam:PF00069,PF00433;Ontology_term=GO:0000287,GO:0004672,GO:0004674,
GO:0005524,GO:0006468,GO:0035556
SM_V9_PAR2      Liftoff exon    5024193 5024277 .       +       .
        Parent=Smp_340300.2
SM_V9_PAR2      Liftoff exon    5024317 5024358 .       +       .
        Parent=Smp_340300.2
SM_V9_PAR2      Liftoff exon    5024392 5024505 .       +       .
        Parent=Smp_340300.2
SM_V9_PAR2      Liftoff exon    5024542 5024623 .       +       .
        Parent=Smp_340300.2
SM_V9_PAR2      Liftoff exon    5024658 5024738 .       +       .
        Parent=Smp_340300.2
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SM_V9_PAR2	Liftoff exon	5024771 5024850 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5024889 5024995 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5027678 5027935 .	+	.
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SM_V9_PAR2	Liftoff exon	5038039 5038127 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5039686 5039853 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5044266 5044493 .	+	.
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SM_V9_PAR2	Liftoff exon	5066005 5066163 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5075313 5075474 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5076775 5076969 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5083180 5083326 .	+	.
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff exon	5084737 5085241 .	+	.
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SM_V9_PAR2	Liftoff CDS	5024221 5024277 .	+	0
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5024317 5024358 .	+	0
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5024392 5024505 .	+	0
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5024542 5024623 .	+	0
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5024658 5024738 .	+	2
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5024771 5024850 .	+	2
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5024889 5024995 .	+	0
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5027678 5027935 .	+	1
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5038039 5038127 .	+	1
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5039686 5039853 .	+	2
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5044266 5044493 .	+	2
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5046481 5046689 .	+	2
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5059560 5059649 .	+	0
	Parent=Smp_340300.2
SM_V9_PAR2	Liftoff CDS	5066005 5066163 .	+	0
	Parent=Smp_340300.2
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SM_V9_PAR2      Liftoff CDS     5075313 5075474 .       +       0
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SM_V9_PAR2      Liftoff CDS     5076775 5076969 .       +       0
        Parent=Smp_340300.2
SM_V9_PAR2      Liftoff CDS     5083180 5083326 .       +       0
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SM_V9_PAR2      Liftoff CDS     5084737 5084883 .       +       0
        Parent=Smp_340300.2
SM_V9_PAR2      Liftoff gene    5099058 5106716 .       +       .
        ID=Smp_017890;geneID=Smp_017890
SM_V9_PAR2      Liftoff mRNA    5099058 5106716 .       +       .

ID=Smp_017890.1;Parent=Smp_017890;geneID=Smp_017890;product=U4/U6.U5
tri-snRNP-associated protein
2;polypeptide_domain=InterPro:IPR001394,IPR001607,IPR013083,IPR02888
9,IPR033809
Pfam:PF00443,PF02148;Ontology_term=GO:0000245,GO:0006397,GO:0008270,
GO:0016579,GO:0036459
SM_V9_PAR2      Liftoff exon    5099058 5099229 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff exon    5099264 5099458 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff exon    5100545 5100805 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff exon    5100890 5101099 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff exon    5101710 5101973 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff exon    5103784 5104121 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff exon    5106018 5106195 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff exon    5106310 5106716 .       +       .
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff CDS     5099119 5099229 .       +       0
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff CDS     5099264 5099458 .       +       0
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff CDS     5100545 5100805 .       +       0
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SM_V9_PAR2      Liftoff CDS     5100890 5101099 .       +       0
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff CDS     5101710 5101973 .       +       0
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff CDS     5103784 5104121 .       +       0
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SM_V9_PAR2      Liftoff CDS     5106018 5106195 .       +       1
        Parent=Smp_017890.1
SM_V9_PAR2      Liftoff CDS     5106310 5106486 .       +       0
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SM_V9_PAR2      iris    gene    5107049 5109335 .       -       .

ID=Smp_017880;geneID=Smp_017880;gene_name=Smp_017880;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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7880;owner=irisadmin@local.host;orig_id=Smp_017880.1;date_last_modif
ied=2022-07-17;Name=Smp_017880.1;product=Clathrin light
chain;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    5107049 5107547 .       -       .
        Parent=Smp_017880.1;Name=92363231-4a97-462b-a4db-
f7bb43b748db
SM_V9_PAR2      iris    exon    5109011 5109156 .       -       .
        Parent=Smp_017880.1;Name=203b9af4-7d66-427f-977b-
ea994f05d7bb
SM_V9_PAR2      iris    exon    5109192 5109335 .       -       .

Parent=Smp_017880.1;Name=28ae41ac-9ce1-4bee-8362-3286a348b0d7
SM_V9_PAR2      iris    CDS     5107215 5107547 .       -       0
        Parent=Smp_017880.1
SM_V9_PAR2      iris    CDS     5109011 5109156 .       -       2
        Parent=Smp_017880.1
SM_V9_PAR2      iris    CDS     5109192 5109282 .       -       0
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SM_V9_PAR2      iris    gene    5131990 5149810 .       +       .

ID=Smp_187090;geneID=Smp_187090;gene_name=Smp_187090;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    5131990 5149810 .       +       .

ID=Smp_187090.1;Parent=Smp_187090;geneID=Smp_187090;gene_name=Smp_18
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ied=2022-07-17;Name=Smp_187090.1;product=Neuroglobin;date_creation=2
022-07-17
SM_V9_PAR2      iris    exon    5131990 5132820 .       +       .
        Parent=Smp_187090.1;Name=e86bb9d3-9252-4809-8e13-
cf34074a014f
SM_V9_PAR2      iris    exon    5147015 5147198 .       +       .
        Parent=Smp_187090.1;Name=38f2a82b-60f1-4d64-af9b-
bbf56b7bad38
SM_V9_PAR2      iris    exon    5149166 5149810 .       +       .
        Parent=Smp_187090.1;Name=398f42d1-a10f-4c5f-
beb7-204a7e7219b9
SM_V9_PAR2      iris    CDS     5132459 5132820 .       +       0
        Parent=Smp_187090.1
SM_V9_PAR2      iris    CDS     5147015 5147198 .       +       1
        Parent=Smp_187090.1
SM_V9_PAR2      iris    CDS     5149166 5149477 .       +       0
        Parent=Smp_187090.1
SM_V9_PAR2      Liftoff gene    5176978 5192122 .       +       .
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SM_V9_PAR2      Liftoff mRNA    5176978 5192122 .       +       .

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CML18;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247;Onto
logy_term=GO:0005509
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SM_V9_PAR2      Liftoff exon    5176978 5184648 .       +       .
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SM_V9_PAR2      Liftoff exon    5184686 5184857 .       +       .
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff exon    5184904 5185027 .       +       .
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff exon    5188111 5188170 .       +       .
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff exon    5189690 5189806 .       +       .
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff exon    5191290 5192122 .       +       .
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff CDS     5184577 5184648 .       +       0
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff CDS     5184686 5184857 .       +       0
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff CDS     5184904 5185027 .       +       2
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff CDS     5188111 5188170 .       +       1
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff CDS     5189690 5189806 .       +       1
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff CDS     5191290 5191629 .       +       1
        Parent=Smp_017870.1
SM_V9_PAR2      Liftoff gene    5208347 5213154 .       -       .
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SM_V9_PAR2      Liftoff mRNA    5208347 5213154 .       -       .

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hosphoesterase 1
homolog;polypeptide_domain=InterPro:IPR004843,IPR029052
Pfam:PF00149;Ontology_term=GO:0016787
SM_V9_PAR2      Liftoff exon    5208347 5209201 .       -       .
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff exon    5212281 5212448 .       -       .
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff exon    5212484 5212618 .       -       .
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff exon    5212654 5212816 .       -       .
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff exon    5212850 5212957 .       -       .
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff exon    5212993 5213154 .       -       .
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff CDS     5208695 5209201 .       -       0
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff CDS     5212281 5212448 .       -       0
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff CDS     5212484 5212618 .       -       0
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff CDS     5212654 5212816 .       -       1
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff CDS     5212850 5212957 .       -       1
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SM_V9_PAR2      Liftoff CDS     5212993 5213123 .       -       0
        Parent=Smp_017860.1
SM_V9_PAR2      Liftoff gene    5222486 5254170 .       +       .
        ID=Smp_131990;geneID=Smp_131990
SM_V9_PAR2      Liftoff mRNA    5222486 5254170 .       +       .

ID=Smp_131990.1;Parent=Smp_131990;geneID=Smp_131990;product=Growth
arrest-specific protein
2;polypeptide_domain=InterPro:IPR001715,IPR003108
Pfam:PF02187;Ontology_term=GO:0005515,GO:0008017
SM_V9_PAR2      Liftoff exon    5222486 5224314 .       +       .
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff exon    5227044 5227620 .       +       .
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff exon    5233525 5233886 .       +       .
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff exon    5239022 5239471 .       +       .
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff exon    5251940 5252416 .       +       .
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff exon    5252968 5254170 .       +       .
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff CDS     5224219 5224314 .       +       0
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff CDS     5227044 5227620 .       +       0
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff CDS     5233525 5233886 .       +       2
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff CDS     5239022 5239471 .       +       0
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff CDS     5251940 5252416 .       +       0
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff CDS     5252968 5253822 .       +       0
        Parent=Smp_131990.1
SM_V9_PAR2      Liftoff mRNA    5222486 5254170 .       +       .

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2;polypeptide_domain=InterPro:IPR001715,IPR003108
Pfam:PF02187;Ontology_term=GO:0005515,GO:0008017
SM_V9_PAR2      Liftoff exon    5222486 5224314 .       +       .
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff exon    5227044 5227620 .       +       .
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff exon    5233525 5233886 .       +       .
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff exon    5239022 5239471 .       +       .
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff exon    5252968 5254170 .       +       .
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff CDS     5224219 5224314 .       +       0
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff CDS     5227044 5227620 .       +       0
        Parent=Smp_131990.2
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SM_V9_PAR2      Liftoff CDS     5233525 5233886 .       +       2
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff CDS     5239022 5239471 .       +       0
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff CDS     5252968 5253822 .       +       0
        Parent=Smp_131990.2
SM_V9_PAR2      Liftoff gene    5321476 5354152 .       +       .
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SM_V9_PAR2      Liftoff mRNA    5321476 5354152 .       +       .

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99D;polypeptide_domain=InterPro:IPR000276,IPR000611,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0004983,GO:0007186,GO:00160
21
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        Parent=Smp_131980.1
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        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff exon    5341406 5341556 .       +       .
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff exon    5343899 5344095 .       +       .
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff exon    5353662 5354152 .       +       .
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff CDS     5321524 5321948 .       +       0
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff CDS     5335531 5335797 .       +       1
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff CDS     5341406 5341556 .       +       1
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff CDS     5343899 5344095 .       +       0
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff CDS     5353662 5353776 .       +       1
        Parent=Smp_131980.1
SM_V9_PAR2      Liftoff gene    5443602 5445582 .       -       .
        ID=Smp_017830;geneID=Smp_017830
SM_V9_PAR2      Liftoff mRNA    5443602 5445582 .       -       .

ID=Smp_017830.1;Parent=Smp_017830;geneID=Smp_017830;product=NADH
dehydrogenase [ubiquinone] iron-sulfur protein
5;polypeptide_domain=InterPro:IPR019342 Pfam:PF10200
SM_V9_PAR2      Liftoff exon    5443602 5445002 .       -       .
        Parent=Smp_017830.1
SM_V9_PAR2      Liftoff exon    5445041 5445131 .       -       .
        Parent=Smp_017830.1
SM_V9_PAR2      Liftoff exon    5445169 5445322 .       -       .
        Parent=Smp_017830.1
SM_V9_PAR2      Liftoff exon    5445359 5445582 .       -       .
        Parent=Smp_017830.1
SM_V9_PAR2      Liftoff CDS     5444904 5445002 .       -       0
        Parent=Smp_017830.1
SM_V9_PAR2      Liftoff CDS     5445041 5445131 .       -       1
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SM_V9_PAR2      Liftoff CDS     5445169 5445322 .       -       2
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SM_V9_PAR2      Liftoff CDS     5445359 5445524 .       -       0
        Parent=Smp_017830.1
SM_V9_PAR2      iris    gene    5456836 5497267 .       +       .

ID=Smp_340290;geneID=Smp_340290;gene_name=Smp_340290;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    5456836 5497267 .       +       .

ID=Smp_340290.1;Parent=Smp_340290;geneID=Smp_340290;gene_name=Smp_34
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protein;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    5456836 5456923 .       +       .
        Parent=Smp_340290.1;Name=8ae62b87-fa4c-4ffd-bfe1-
ab2130323663
SM_V9_PAR2      iris    exon    5461542 5461785 .       +       .
        Parent=Smp_340290.1;Name=a6e1bb9d-d7b0-4421-
a696-5786ecb036ea
SM_V9_PAR2      iris    exon    5461822 5462057 .       +       .
        Parent=Smp_340290.1;Name=57a42f2d-
f5ca-436c-8e90-9780dc7c9fab
SM_V9_PAR2      iris    exon    5465584 5467044 .       +       .
        Parent=Smp_340290.1;Name=aca78848-f85d-4c38-8533-
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ID=Smp_244510.1;Parent=Smp_244510;geneID=Smp_244510;product=Protein
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Pfam:PF02140;Ontology_term=GO:0030246
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SM_V9_PAR2      Liftoff exon    5794192 5794431 .       -       .
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SM_V9_PAR2      Liftoff exon    5795789 5795971 .       -       .
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SM_V9_PAR2      Liftoff exon    5814058 5819100 .       -       .
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SM_V9_PAR2      Liftoff CDS     5814058 5814261 .       -       0
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ied=2022-08-15;Name=Smp_162500.1;product=Solute carrier family 46
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ae4e-648b603fe55e
SM_V9_PAR2      iris    exon    5843061 5843117 .       +       .

Parent=Smp_162500.1;Name=d4cef30d-2b93-4501-89ba-9dbf2f6de21b
SM_V9_PAR2      iris    exon    5848000 5848193 .       +       .
        Parent=Smp_162500.1;Name=1257e4fd-805e-49a3-
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SM_V9_PAR2      iris    exon    5850041 5850292 .       +       .
        Parent=Smp_162500.1;Name=eeb40593-fc74-4548-a244-
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SM_V9_PAR2      iris    exon    5852217 5852455 .       +       .
        Parent=Smp_162500.1;Name=5f79512a-1f57-4da6-99a3-
e23321701e97
SM_V9_PAR2      iris    exon    5853882 5854030 .       +       .

Parent=Smp_162500.1;Name=33bcc735-4680-4ad8-9306-34a556725281
SM_V9_PAR2      iris    exon    5859312 5859592 .       +       .
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SM_V9_PAR2      iris    CDS     5864378 5864429 .       +       1
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SM_V9_PAR2      Liftoff mRNA    5871063 5900209 .       -       .

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3;polypeptide_domain=InterPro:IPR011701,IPR036259
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SM_V9_PAR2      Liftoff exon    5871063 5871247 .       -       .
        Parent=Smp_162510.1
SM_V9_PAR2      Liftoff exon    5873057 5873213 .       -       .
        Parent=Smp_162510.1
SM_V9_PAR2      Liftoff exon    5874395 5874478 .       -       .
        Parent=Smp_162510.1
SM_V9_PAR2      Liftoff exon    5876683 5876954 .       -       .
        Parent=Smp_162510.1
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        Parent=Smp_162510.1
SM_V9_PAR2      Liftoff exon    5881310 5881572 .       -       .
        Parent=Smp_162510.1
SM_V9_PAR2      Liftoff exon    5882138 5882413 .       -       .
        Parent=Smp_162510.1
SM_V9_PAR2      Liftoff exon    5885790 5885971 .       -       .
        Parent=Smp_162510.1
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SM_V9_PAR2      Liftoff CDS     5873057 5873213 .       -       2
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SM_V9_PAR2      Liftoff CDS     5874395 5874478 .       -       2
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SM_V9_PAR2      Liftoff CDS     5876683 5876954 .       -       1
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SM_V9_PAR2      Liftoff CDS     5879149 5879297 .       -       0
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        Parent=Smp_162510.2
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        Parent=Smp_162510.2
SM_V9_PAR2      Liftoff exon    5888220 5888270 .       -       .
        Parent=Smp_162510.2
SM_V9_PAR2      Liftoff exon    5894006 5900209 .       -       .
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SM_V9_PAR2      Liftoff CDS     5871470 5871479 .       -       1
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SM_V9_PAR2      Liftoff CDS     5873057 5873213 .       -       2
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SM_V9_PAR2      Liftoff CDS     5874395 5874478 .       -       2
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SM_V9_PAR2      Liftoff CDS     5881310 5881572 .       -       2
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SM_V9_PAR2      Liftoff CDS     5882138 5882413 .       -       2
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SM_V9_PAR2      Liftoff CDS     5885790 5885971 .       -       1
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SM_V9_PAR2      Liftoff CDS     5888220 5888270 .       -       1
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SM_V9_PAR2      Liftoff CDS     5894006 5894118 .       -       0
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ID=Smp_192570.1;Parent=Smp_192570;geneID=Smp_192570;product=Triple
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SM_V9_PAR2      Liftoff exon    5921090 5921964 .       +       .
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SM_V9_PAR2      Liftoff CDS     5921090 5921369 .       +       1
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SM_V9_PAR2      iris    gene    5925012 5942286 .       -       .

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ID=Smp_169010.1;Parent=Smp_169010;geneID=Smp_169010;gene_name=Smp_16
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member 3;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    5928169 5928252 .       -       .
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SM_V9_PAR2      iris    exon    5936427 5936620 .       -       .

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ID=Smp_168990.1;Parent=Smp_168990;geneID=Smp_168990;gene_name=Smp_16
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SM_V9_PAR2      iris    exon    5959796 5959952 .       -       .
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        Parent=Smp_168990.1;Name=a563db7f-32cc-4879-
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SM_V9_PAR2      iris    exon    5964976 5965124 .       -       .
        Parent=Smp_168990.1;Name=4faeca39-2fdd-4b18-9a3f-
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SM_V9_PAR2      iris    exon    5967014 5967255 .       -       .
        Parent=Smp_168990.1;Name=fccf0163-a4d8-4b28-86fb-
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SM_V9_PAR2      iris    exon    5968375 5968635 .       -       .
        Parent=Smp_168990.1;Name=add7d31e-69c2-4b84-
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SM_V9_PAR2      iris    exon    5972001 5972194 .       -       .
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SM_V9_PAR2      iris    exon    5975570 5975848 .       -       .

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SM_V9_PAR2      iris    exon    5959423 5959952 .       -       .

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        Parent=Smp_168990.2;Name=9c239269-3b9a-4fca-
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SM_V9_PAR2      iris    exon    5967014 5967255 .       -       .
        Parent=Smp_168990.2;Name=6af7e649-1017-47e6-
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SM_V9_PAR2      iris    exon    5968375 5968635 .       -       .
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SM_V9_PAR2      iris    exon    5973830 5973892 .       -       .

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SM_V9_PAR2      iris    CDS     5960870 5960953 .       -       2
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SM_V9_PAR2      iris    CDS     5964976 5965124 .       -       0
        Parent=Smp_168990.2
SM_V9_PAR2      iris    CDS     5967014 5967255 .       -       2
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SM_V9_PAR2      iris    CDS     5968375 5968635 .       -       2
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SM_V9_PAR2      iris    CDS     5972001 5972194 .       -       1
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SM_V9_PAR2      iris    CDS     5973830 5973892 .       -       1
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SM_V9_PAR2      iris    CDS     5975570 5975706 .       -       0
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member 3;date_creation=2022-08-15
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SM_V9_PAR2      iris    exon    5998633 5998913 .       -       .
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b0fe-34e7969541c6
SM_V9_PAR2      iris    exon    6000519 6000667 .       -       .
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f114-4598-89cc-1fe94c0eed09
SM_V9_PAR2      iris    exon    6001580 6001833 .       -       .

Parent=Smp_347620.1;Name=c5a2ae32-0668-4092-8b47-0e0fb1745480
SM_V9_PAR2      iris    exon    6006745 6006999 .       -       .
        Parent=Smp_347620.1;Name=2f851da6-8422-4650-
a645-5c4788c101aa
SM_V9_PAR2      iris    exon    6007822 6008015 .       -       .
        Parent=Smp_347620.1;Name=5cd3f64b-1d40-4d73-a556-
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SM_V9_PAR2      iris    exon    6009095 6009157 .       -       .
        Parent=Smp_347620.1;Name=2008b3dd-db07-41c4-80eb-
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SM_V9_PAR2      iris    exon    6013477 6013896 .       -       .
        Parent=Smp_347620.1;Name=a8db0d5c-7757-48fb-8437-
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SM_V9_PAR2      iris    CDS     5988289 5988379 .       -       1
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        Parent=Smp_347620.1
SM_V9_PAR2      iris    CDS     5996421 5996504 .       -       2
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SM_V9_PAR2      iris    CDS     5998633 5998913 .       -       1
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SM_V9_PAR2      iris    CDS     6006745 6006999 .       -       2
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SM_V9_PAR2      iris    exon    6024150 6024306 .       -       .

Parent=Smp_244530.1;Name=809837aa-9a50-4603-95f2-742b7bff9553
SM_V9_PAR2      iris    exon    6027091 6027174 .       -       .
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        Parent=Smp_244530.1;Name=f9bc4e1d-6ba7-4093-8964-
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        Parent=Smp_244530.1;Name=325ecf10-b9e5-45e9-
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        Parent=Smp_244530.1;Name=46964bd7-129d-4bc6-962f-
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ID=Smp_341440;geneID=Smp_341440;gene_name=Smp_341440;owner=irisadmin
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ID=Smp_341440.1;Parent=Smp_341440;geneID=Smp_341440;gene_name=Smp_34
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ied=2022-07-17;Name=Smp_341440.1;product=Solute carrier family 46
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        Parent=Smp_341440.1;Name=1953ed90-62f9-4948-b0be-
fa8a239325d9
SM_V9_PAR2      iris    exon    6060099 6060255 .       -       .

Parent=Smp_341440.1;Name=b9128861-6733-4bb9-8702-31ed2d0ad084
SM_V9_PAR2      iris    exon    6061733 6061816 .       -       .

Parent=Smp_341440.1;Name=39931332-014e-4e72-9f76-01b5cd9c6bf9
SM_V9_PAR2      iris    exon    6064490 6064842 .       -       .
        Parent=Smp_341440.1;Name=3363c4ad-dbe2-473e-8dce-
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        Parent=Smp_341440.1;Name=ca5fa215-
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SM_V9_PAR2      iris    exon    6068401 6068648 .       -       .
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SM_V9_PAR2      iris    exon    6075026 6075289 .       -       .
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ID=Smp_305870.1;Parent=Smp_305870;geneID=Smp_305870;gene_name=Smp_30
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ied=2022-07-17;Name=Smp_305870.1;product=Multiple PDZ domain
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        Parent=Smp_305870.1;Name=998dcbde-4fd7-427d-
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SM_V9_PAR2      iris    exon    6089075 6089235 .       +       .

Parent=Smp_305870.1;Name=339bd4fe-3feb-4fb0-85ff-4f59c3616d04
SM_V9_PAR2      iris    exon    6092413 6092675 .       +       .
        Parent=Smp_305870.1;Name=41c67777-
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SM_V9_PAR2      iris    exon    6099325 6099667 .       +       .

Parent=Smp_305870.1;Name=ea07680c-8d42-44ba-9b1d-801e5529c14d
SM_V9_PAR2      iris    exon    6100020 6100116 .       +       .
        Parent=Smp_305870.1;Name=e5d162aa-0a44-405a-8421-
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SM_V9_PAR2      iris    exon    6100704 6100792 .       +       .
        Parent=Smp_305870.1;Name=40189d75-23ff-42fd-
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SM_V9_PAR2      iris    exon    6102059 6102191 .       +       .

Parent=Smp_305870.1;Name=fe529309-0d2d-4d4f-9365-7b409781a7d8
SM_V9_PAR2      iris    exon    6103819 6104031 .       +       .
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SM_V9_PAR2      iris    exon    6105638 6105726 .       +       .
        Parent=Smp_305870.1;Name=71067ad5-
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SM_V9_PAR2      iris    exon    6107230 6107406 .       +       .
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SM_V9_PAR2      iris    exon    6109122 6109565 .       +       .
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SM_V9_PAR2      iris    exon    6113347 6113644 .       +       .
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Parent=Smp_305870.1;Name=327a543c-695e-4255-92ce-971567bcf294
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SM_V9_PAR2      iris    CDS     6100020 6100116 .       +       0
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SM_V9_PAR2      iris    CDS     6100704 6100792 .       +       2
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ID=Smp_305875.1;Parent=Smp_305875;geneID=Smp_305875;gene_name=Smp_30
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SM_V9_PAR2      iris    exon    6197036 6197262 .       +       .
        Parent=Smp_305875.1;Name=ec4c1ba2-5d18-485a-
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SM_V9_PAR2      iris    exon    6208628 6208735 .       +       .
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Parent=Smp_305875.1;Name=31acd424-74a8-4232-8ca2-818397ad80b6
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        Parent=Smp_305875.1
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SM_V9_PAR2      iris    mRNA    6176520 6238228 .       +       .

ID=Smp_305875.2;Parent=Smp_305875;geneID=Smp_305875;gene_name=Smp_30
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SM_V9_PAR2      iris    exon    6202174 6202368 .       +       .
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        Parent=Smp_305875.2;Name=7d27a47f-8658-4fd4-a553-
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SM_V9_PAR2      iris    exon    6206830 6206928 .       +       .
        Parent=Smp_305875.2;Name=a74bb344-0ad2-49ed-a144-
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SM_V9_PAR2      iris    exon    6208628 6208735 .       +       .
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SM_V9_PAR2      iris    exon    6210986 6211202 .       +       .
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SM_V9_PAR2      iris    exon    6223861 6224168 .       +       .

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SM_V9_PAR2      iris    CDS     6203890 6204063 .       +       0
        Parent=Smp_305875.2
SM_V9_PAR2      iris    CDS     6206830 6206928 .       +       0
        Parent=Smp_305875.2
SM_V9_PAR2      iris    CDS     6208628 6208735 .       +       0
        Parent=Smp_305875.2
SM_V9_PAR2      iris    CDS     6210986 6211202 .       +       0
        Parent=Smp_305875.2
SM_V9_PAR2      iris    CDS     6223861 6224168 .       +       2
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SM_V9_PAR2      iris    CDS     6229493 6229963 .       +       0
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SM_V9_PAR2      iris    CDS     6231039 6231155 .       +       0
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SM_V9_PAR2      iris    CDS     6232138 6232245 .       +       0
        Parent=Smp_305875.2
SM_V9_PAR2      Liftoff gene    6273570 6314062 .       +       .

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p_157890,Smp_168950
SM_V9_PAR2      Liftoff mRNA    6273570 6314062 .       +       .

ID=Smp_337280.1;Parent=Smp_337280;geneID=Smp_337280;product=Microtub
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4;polypeptide_domain=InterPro:IPR000719,IPR000961,IPR001478,IPR00827
1,IPR011009,IPR015022,IPR023142
Pfam:PF00069,PF00595,PF08926;Ontology_term=GO:0000287,GO:0004672,GO:
0004674,GO:0005515,GO:0005524,GO:0006468
SM_V9_PAR2      Liftoff exon    6273570 6274135 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6275172 6275805 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6276258 6276337 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6277727 6278327 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6279271 6279358 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6281569 6281656 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6282998 6283491 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6284874 6284952 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6290973 6291179 .       +       .
        Parent=Smp_337280.1
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        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6294015 6294264 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6295077 6295427 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6301128 6301321 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6302116 6302226 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6305016 6306241 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6306567 6307613 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6308944 6309596 .       +       .
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SM_V9_PAR2      Liftoff exon    6311796 6312336 .       +       .
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff exon    6312597 6314062 .       +       .
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SM_V9_PAR2      Liftoff CDS     6275172 6275805 .       +       0
        Parent=Smp_337280.1
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        Parent=Smp_337280.1
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        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff CDS     6279271 6279358 .       +       2
        Parent=Smp_337280.1
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        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff CDS     6282998 6283491 .       +       0
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        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff CDS     6290973 6291179 .       +       0
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff CDS     6291369 6291627 .       +       0
        Parent=Smp_337280.1
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        Parent=Smp_337280.1
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        Parent=Smp_337280.1
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        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff CDS     6308944 6309596 .       +       0
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff CDS     6311796 6312336 .       +       1
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff CDS     6312597 6312875 .       +       0
        Parent=Smp_337280.1
SM_V9_PAR2      Liftoff gene    6318611 6364886 .       -       .

ID=Smp_333120;geneID=Smp_333120;previous_systematic_id=Smp_157880,Sm
p_204190
SM_V9_PAR2      Liftoff mRNA    6318611 6364886 .       -       .

ID=Smp_333120.1;Parent=Smp_333120;geneID=Smp_333120;product=Spermato
genesis-associated protein 1;polypeptide_domain=InterPro:IPR031478
Pfam:PF15743
SM_V9_PAR2      Liftoff exon    6318611 6319220 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6319777 6319875 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6321298 6321446 .       -       .
        Parent=Smp_333120.1
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SM_V9_PAR2      Liftoff exon    6326521 6326643 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6335749 6335779 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6349012 6349048 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6352705 6353160 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6353501 6353818 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6355824 6355974 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6358358 6358538 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6362054 6362107 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff exon    6362157 6364886 .       -       .
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff CDS     6318801 6319220 .       -       0
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff CDS     6319777 6319875 .       -       0
        Parent=Smp_333120.1
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        Parent=Smp_333120.1
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        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff CDS     6355824 6355974 .       -       2
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff CDS     6358358 6358538 .       -       0
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff CDS     6362054 6362107 .       -       0
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff CDS     6362157 6362432 .       -       0
        Parent=Smp_333120.1
SM_V9_PAR2      Liftoff gene    6393965 6427561 .       +       .
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SM_V9_PAR2      Liftoff mRNA    6393965 6427561 .       +       .

ID=Smp_157870.1;Parent=Smp_157870;geneID=Smp_157870;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR003656,IPR012337,IPR013087;On
tology_term=GO:0003676,GO:0003677
SM_V9_PAR2      Liftoff exon    6393965 6395119 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff exon    6397097 6398023 .       +       .
        Parent=Smp_157870.1
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SM_V9_PAR2      Liftoff exon    6406930 6407214 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff exon    6415165 6415533 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff exon    6416686 6416904 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff exon    6418642 6418905 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff exon    6421503 6421787 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff exon    6424491 6424999 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff exon    6427016 6427561 .       +       .
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff CDS     6394106 6395119 .       +       0
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SM_V9_PAR2      Liftoff CDS     6397097 6398023 .       +       0
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SM_V9_PAR2      Liftoff CDS     6406930 6407214 .       +       0
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SM_V9_PAR2      Liftoff CDS     6418642 6418905 .       +       0
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SM_V9_PAR2      Liftoff CDS     6421503 6421787 .       +       0
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff CDS     6424491 6424999 .       +       0
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff CDS     6427016 6427046 .       +       1
        Parent=Smp_157870.1
SM_V9_PAR2      Liftoff gene    6477910 6510726 .       -       .
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SM_V9_PAR2      Liftoff mRNA    6477910 6510726 .       -       .

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protein;polypeptide_domain=InterPro:IPR003656,IPR008906,IPR012337,IP
R036236 Pfam:PF02892,PF05699;Ontology_term=GO:0003677,GO:0046983
SM_V9_PAR2      Liftoff exon    6477910 6479686 .       -       .
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff exon    6479865 6480152 .       -       .
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff exon    6481098 6481409 .       -       .
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff exon    6487643 6488017 .       -       .
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff exon    6489188 6489508 .       -       .
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff exon    6492931 6493332 .       -       .
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff exon    6496958 6499228 .       -       .
        Parent=Smp_157860.1
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SM_V9_PAR2      Liftoff exon    6509119 6510726 .       -       .
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        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff CDS     6479865 6480152 .       -       0
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff CDS     6481098 6481409 .       -       0
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff CDS     6487643 6488017 .       -       0
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff CDS     6489188 6489508 .       -       0
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff CDS     6492931 6493332 .       -       0
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff CDS     6496958 6499228 .       -       0
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff CDS     6509119 6510195 .       -       0
        Parent=Smp_157860.1
SM_V9_PAR2      Liftoff gene    6647475 6682374 .       +       .
        ID=Smp_157840;geneID=Smp_157840
SM_V9_PAR2      Liftoff mRNA    6647475 6682374 .       +       .

ID=Smp_157840.1;Parent=Smp_157840;geneID=Smp_157840;product=Transcri
ption factor AP-2-epsilon;polypeptide_domain=InterPro:IPR013854
Pfam:PF03299
SM_V9_PAR2      Liftoff exon    6647475 6647650 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff exon    6648735 6649355 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff exon    6650473 6650796 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff exon    6650942 6651506 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff exon    6662061 6662262 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff exon    6665434 6665552 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff exon    6679994 6680141 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff exon    6681597 6682374 .       +       .
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff CDS     6647633 6647650 .       +       0
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff CDS     6648735 6649355 .       +       0
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff CDS     6650473 6650796 .       +       0
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff CDS     6650942 6651506 .       +       0
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff CDS     6662061 6662262 .       +       2
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff CDS     6665434 6665552 .       +       1
        Parent=Smp_157840.1
SM_V9_PAR2      Liftoff CDS     6679994 6680141 .       +       2
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SM_V9_PAR2      Liftoff gene    6689555 6711803 .       +       .
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SM_V9_PAR2      Liftoff mRNA    6689555 6711803 .       +       .

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scalloped;polypeptide_domain=InterPro:IPR000818
Pfam:PF01285;Ontology_term=GO:0003700,GO:0006355
SM_V9_PAR2      Liftoff exon    6689555 6689838 .       +       .
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff exon    6699998 6700273 .       +       .
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff exon    6701767 6701906 .       +       .
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff exon    6703309 6703464 .       +       .
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff exon    6705415 6705473 .       +       .
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        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff exon    6711392 6711803 .       +       .
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SM_V9_PAR2      Liftoff CDS     6689595 6689838 .       +       0
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff CDS     6699998 6700273 .       +       2
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff CDS     6701767 6701906 .       +       2
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff CDS     6703309 6703464 .       +       0
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff CDS     6705415 6705473 .       +       0
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff CDS     6708524 6708614 .       +       1
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff CDS     6710550 6710696 .       +       0
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff CDS     6711392 6711499 .       +       0
        Parent=Smp_066050.1
SM_V9_PAR2      Liftoff gene    6726975 6771479 .       +       .
        ID=Smp_157830;geneID=Smp_157830
SM_V9_PAR2      Liftoff mRNA    6726975 6771479 .       +       .

ID=Smp_157830.1;Parent=Smp_157830;geneID=Smp_157830;product=Homeobox
protein 2;polypeptide_domain=InterPro:IPR001356,IPR009057
Pfam:PF00046;Ontology_term=GO:0003677
SM_V9_PAR2      Liftoff exon    6726975 6727471 .       +       .
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff exon    6729919 6730371 .       +       .
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff exon    6748813 6750117 .       +       .
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SM_V9_PAR2      Liftoff exon    6763575 6764722 .       +       .
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff exon    6768928 6771479 .       +       .
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff CDS     6727412 6727471 .       +       0
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff CDS     6729919 6730371 .       +       0
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff CDS     6748813 6750117 .       +       0
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff CDS     6758602 6759625 .       +       0
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff CDS     6763575 6764722 .       +       2
        Parent=Smp_157830.1
SM_V9_PAR2      Liftoff CDS     6768928 6770034 .       +       0
        Parent=Smp_157830.1
SM_V9_PAR2      iris    gene    6776993 6858966 .       -       .

ID=Smp_344880;geneID=Smp_344880;gene_name=Smp_344880;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    6776993 6833936 .       -       .

ID=Smp_344880.1;Parent=Smp_344880;geneID=Smp_344880;gene_name=Smp_34
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ied=2022-08-15;Name=Smp_344880.1;product=Serine-protein kinase
ATM;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    6776993 6777439 .       -       .

Parent=Smp_344880.1;Name=10d19c43-3659-434b-9457-4a026b923fca
SM_V9_PAR2      iris    exon    6781235 6781478 .       -       .
        Parent=Smp_344880.1;Name=cc3b9191-
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SM_V9_PAR2      iris    exon    6785294 6785455 .       -       .
        Parent=Smp_344880.1;Name=6897aa7a-688b-47d1-8926-
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SM_V9_PAR2      iris    exon    6786646 6786850 .       -       .
        Parent=Smp_344880.1;Name=d1b9ce19-090b-442c-
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SM_V9_PAR2      iris    exon    6789551 6789765 .       -       .
        Parent=Smp_344880.1;Name=c0514640-7ba0-47bd-
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SM_V9_PAR2      iris    exon    6789862 6790011 .       -       .
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SM_V9_PAR2      iris    exon    6790206 6790516 .       -       .
        Parent=Smp_344880.1;Name=139b832a-69a5-4e6b-94da-
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SM_V9_PAR2      iris    exon    6792154 6792313 .       -       .

Parent=Smp_344880.1;Name=5f15c9ff-1fce-44b1-9bdb-151b43091dab
SM_V9_PAR2      iris    exon    6793450 6793614 .       -       .
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        Parent=Smp_344880.1;Name=6005470b-a9ad-422f-9554-
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SM_V9_PAR2      iris    exon    6796849 6796993 .       -       .
        Parent=Smp_344880.1;Name=5bcba3b7-19ec-4f9e-9fa3-
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        Parent=Smp_157790.1
SM_V9_PAR2      Liftoff CDS     7002413 7002531 .       +       2
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SM_V9_PAR2      Liftoff CDS     7003088 7004758 .       +       0
        Parent=Smp_157790.1
SM_V9_PAR2      Liftoff gene    7050673 7058197 .       -       .
        ID=Smp_065980;geneID=Smp_065980
SM_V9_PAR2      Liftoff mRNA    7050673 7058197 .       -       .

ID=Smp_065980.1;Parent=Smp_065980;geneID=Smp_065980;product=Small
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beta;polypeptide_domain=InterPro:IPR001440,IPR011990,IPR013026,IPR01
9734,IPR032374 Pfam:PF00515,PF13414,PF16546;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    7050673 7051228 .       -       .
        Parent=Smp_065980.1
SM_V9_PAR2      Liftoff exon    7052288 7052467 .       -       .
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SM_V9_PAR2      Liftoff exon    7052895 7053143 .       -       .
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SM_V9_PAR2      Liftoff exon    7055775 7055879 .       -       .
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        Parent=Smp_065980.1
SM_V9_PAR2      Liftoff exon    7056623 7056695 .       -       .
        Parent=Smp_065980.1
SM_V9_PAR2      Liftoff exon    7056728 7056822 .       -       .
        Parent=Smp_065980.1
SM_V9_PAR2      Liftoff exon    7058059 7058197 .       -       .
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        Parent=Smp_065980.1
SM_V9_PAR2      Liftoff CDS     7056623 7056695 .       -       0
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SM_V9_PAR2      Liftoff CDS     7056728 7056822 .       -       2
        Parent=Smp_065980.1
SM_V9_PAR2      Liftoff CDS     7058059 7058158 .       -       0
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SM_V9_PAR2      Liftoff gene    7076379 7081067 .       -       .
        ID=Smp_157780;geneID=Smp_157780
SM_V9_PAR2      Liftoff mRNA    7076379 7081057 .       -       .

ID=Smp_157780.1;Parent=Smp_157780;geneID=Smp_157780;product=Chaperon
e protein DnaJ;polypeptide_domain=InterPro:IPR001623 Pfam:PF00226
SM_V9_PAR2      Liftoff exon    7076379 7076750 .       -       .
        Parent=Smp_157780.1
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SM_V9_PAR2      Liftoff exon    7079155 7079378 .       -       .
        Parent=Smp_157780.1
SM_V9_PAR2      Liftoff exon    7079415 7081057 .       -       .
        Parent=Smp_157780.1
SM_V9_PAR2      Liftoff CDS     7076555 7076750 .       -       1
        Parent=Smp_157780.1
SM_V9_PAR2      Liftoff CDS     7079155 7079378 .       -       0
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SM_V9_PAR2      Liftoff CDS     7079415 7079585 .       -       0
        Parent=Smp_157780.1
SM_V9_PAR2      Liftoff mRNA    7076379 7081067 .       -       .

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e protein DnaJ;polypeptide_domain=InterPro:IPR001623 Pfam:PF00226
SM_V9_PAR2      Liftoff exon    7076379 7076747 .       -       .
        Parent=Smp_157780.2
SM_V9_PAR2      Liftoff exon    7079155 7079378 .       -       .
        Parent=Smp_157780.2
SM_V9_PAR2      Liftoff exon    7079415 7081067 .       -       .
        Parent=Smp_157780.2
SM_V9_PAR2      Liftoff CDS     7076555 7076747 .       -       1
        Parent=Smp_157780.2
SM_V9_PAR2      Liftoff CDS     7079155 7079378 .       -       0
        Parent=Smp_157780.2
SM_V9_PAR2      Liftoff CDS     7079415 7079585 .       -       0
        Parent=Smp_157780.2
SM_V9_PAR2      iris    gene    7094904 7120155 .       +       .

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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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ied=2022-07-17;Name=Smp_157770.1;product=Protein zyg-11 homolog
B;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    7095082 7095928 .       +       .
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SM_V9_PAR2      iris    exon    7095967 7096084 .       +       .
        Parent=Smp_157770.1;Name=8a4d6e76-4f0d-43fd-8278-
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SM_V9_PAR2      iris    exon    7098168 7098308 .       +       .
        Parent=Smp_157770.1;Name=9903d7a7-869f-4144-
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SM_V9_PAR2      iris    exon    7101085 7101315 .       +       .

Parent=Smp_157770.1;Name=6dd8d1a4-9aae-4756-9726-2a52a8afa11c
SM_V9_PAR2      iris    exon    7102947 7103057 .       +       .
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SM_V9_PAR2      iris    exon    7105715 7106002 .       +       .
        Parent=Smp_157770.1;Name=edcf1f92-2966-493c-9326-
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SM_V9_PAR2      iris    exon    7108031 7108093 .       +       .
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bf90-9bfba63a9614
SM_V9_PAR2      iris    exon    7110367 7110434 .       +       .
        Parent=Smp_157770.1;Name=c8cccd39-caca-4732-
a090-7dd9213813cb
SM_V9_PAR2      iris    exon    7112391 7112523 .       +       .
        Parent=Smp_157770.1;Name=313f62f5-ea3c-4de5-985c-
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SM_V9_PAR2      iris    exon    7117016 7117169 .       +       .

Parent=Smp_157770.1;Name=e0e79e30-775f-4910-9989-04f4e55bf68d
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SM_V9_PAR2      iris    CDS     7095082 7095928 .       +       2
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SM_V9_PAR2      iris    CDS     7095967 7096084 .       +       1
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SM_V9_PAR2      iris    CDS     7098168 7098308 .       +       0
        Parent=Smp_157770.1
SM_V9_PAR2      iris    CDS     7101085 7101315 .       +       0
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SM_V9_PAR2      iris    CDS     7108031 7108093 .       +       0
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ID=Smp_157760;geneID=Smp_157760;gene_name=Smp_157760;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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ID=Smp_157760.1;Parent=Smp_157760;geneID=Smp_157760;gene_name=Smp_15
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ied=2022-07-17;Name=Smp_157760.1;product=ERI1 exoribonuclease
3;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    7126821 7127026 .       +       .
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Parent=Smp_157760.1;Name=d2d2613b-5e69-4bb8-80b1-86f660e7d75e
SM_V9_PAR2      iris    exon    7129389 7129505 .       +       .
        Parent=Smp_157760.1;Name=369ff024-7475-4048-
b9ce-0f57296576a4
SM_V9_PAR2      iris    exon    7136877 7136936 .       +       .
        Parent=Smp_157760.1;Name=d37b0d32-92a2-4095-
be19-2d8183968d99
SM_V9_PAR2      iris    exon    7137435 7137526 .       +       .

Parent=Smp_157760.1;Name=60c5b1e6-3092-45a5-83f9-82526aea9ce7
SM_V9_PAR2      iris    exon    7146091 7146163 .       +       .
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SM_V9_PAR2      iris    exon    7147743 7147839 .       +       .
        Parent=Smp_157760.1;Name=16e2a335-6d15-4a13-
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SM_V9_PAR2      iris    exon    7149418 7149761 .       +       .
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SM_V9_PAR2      Liftoff gene    7175493 7176017 .       -       .
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SM_V9_PAR2      Liftoff mRNA    7175493 7176017 .       -       .

ID=Smp_323420.1;Parent=Smp_323420;geneID=Smp_323420;product=Ketoisov
alerate oxidoreductase subunit VorA
SM_V9_PAR2      Liftoff exon    7175493 7176017 .       -       .
        Parent=Smp_323420.1
SM_V9_PAR2      Liftoff CDS     7175630 7175929 .       -       0
        Parent=Smp_323420.1
SM_V9_PAR2      iris    gene    7203176 7206864 .       -       .

ID=Smp_323440;geneID=Smp_323440;gene_name=Smp_323440;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    7203176 7206864 .       -       .

ID=Smp_323440.1;Parent=Smp_323440;geneID=Smp_323440;gene_name=Smp_32
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Parent=Smp_323440.1;Name=14066e00-55a8-43e0-923e-0bc7d621b33f
SM_V9_PAR2      iris    exon    7206720 7206765 .       -       .
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SM_V9_PAR2      iris    exon    7206823 7206864 .       -       .
        Parent=Smp_323440.1;Name=e7436167-
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SM_V9_PAR2      iris    CDS     7203227 7203366 .       -       2
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SM_V9_PAR2      iris    CDS     7206720 7206765 .       -       0
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SM_V9_PAR2      iris    CDS     7206823 7206837 .       -       0
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SM_V9_PAR2      iris    gene    7210821 7225318 .       -       .

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SM_V9_PAR2      iris    mRNA    7210821 7225318 .       -       .

ID=Smp_157750.1;Parent=Smp_157750;geneID=Smp_157750;gene_name=Smp_15
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ied=2022-08-15;Name=Smp_157750.1;product=Heterogeneous nuclear
ribonucleoprotein 27C;date_creation=2022-08-15
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SM_V9_PAR2      iris    exon    7214515 7215003 .       -       .
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SM_V9_PAR2      iris    exon    7224689 7224737 .       -       .

Parent=Smp_157750.1;Name=403b5c86-5337-4e69-920f-4cb1716b43ec
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SM_V9_PAR2      iris    exon    7224897 7225102 .       -       .

Parent=Smp_157750.1;Name=5ddb9066-7459-4dfe-99ea-8a1cc42cc0b0
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SM_V9_PAR2      iris    exon    7225217 7225318 .       -       .
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SM_V9_PAR2      iris    CDS     7212120 7212361 .       -       2
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        Parent=Smp_157750.1
SM_V9_PAR2      iris    CDS     7218331 7218582 .       -       2
        Parent=Smp_157750.1
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ID=Smp_157740.1;Parent=Smp_157740;geneID=Smp_157740;gene_name=Smp_15
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III subunit RPC1;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    7234715 7234860 .       +       .
        Parent=Smp_157740.1;Name=1e9b5c3f-aed6-409c-
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SM_V9_PAR2      iris    exon    7235992 7236176 .       +       .

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SM_V9_PAR2      iris    exon    7240334 7240634 .       +       .
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Parent=Smp_157740.1;Name=f7dff579-0b1c-455c-948e-8d90522130b3
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Parent=Smp_157740.1;Name=9bff1310-907e-460f-8934-4d11c912797e
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SM_V9_PAR2	iris	exon	7246079 7246220 .	+	.
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SM_V9_PAR2	iris	exon	7252465 7252586 .	+	.
	Parent=Smp_157740.1;Name=80700410-b3d1-4a18-
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	Parent=Smp_157740.1;Name=a5d7ece7-b5f3-41eb-
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SM_V9_PAR2	iris	exon	7257624 7257812 .	+	.
	Parent=Smp_157740.1;Name=e3e546ee-b649-49ec-
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	Parent=Smp_157740.1;Name=8c2c77f5-
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SM_V9_PAR2	iris	exon	7260111 7260174 .	+	.
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SM_V9_PAR2	iris	exon	7260866 7260938 .	+	.
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SM_V9_PAR2	iris	exon	7262633 7262961 .	+	.
	Parent=Smp_157740.1;Name=d698b4a2-
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SM_V9_PAR2	iris	CDS	7234123 7234163 .	+	0
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SM_V9_PAR2	iris	CDS	7234198 7234486 .	+	1
	Parent=Smp_157740.1
SM_V9_PAR2	iris	CDS	7234522 7234681 .	+	0
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SM_V9_PAR2      iris    CDS     7235992 7236176 .       +       0
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SM_V9_PAR2      iris    CDS     7240334 7240634 .       +       1
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SM_V9_PAR2      iris    CDS     7242838 7242978 .       +       0
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SM_V9_PAR2      iris    CDS     7245155 7245352 .       +       0
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SM_V9_PAR2      iris    CDS     7246079 7246220 .       +       0
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SM_V9_PAR2      iris    CDS     7247827 7248076 .       +       2
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SM_V9_PAR2      iris    CDS     7257624 7257812 .       +       0
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SM_V9_PAR2      iris    CDS     7260866 7260938 .       +       2
        Parent=Smp_157740.1
SM_V9_PAR2      iris    CDS     7262633 7262684 .       +       1
        Parent=Smp_157740.1
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SM_V9_PAR2      Liftoff mRNA    7264625 7269604 .       -       .

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SM_V9_PAR2      Liftoff exon    7264625 7265497 .       -       .
        Parent=Smp_157730.1
SM_V9_PAR2      Liftoff exon    7267656 7269604 .       -       .
        Parent=Smp_157730.1
SM_V9_PAR2      Liftoff CDS     7264707 7265497 .       -       2
        Parent=Smp_157730.1
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SM_V9_PAR2      Liftoff CDS     7267656 7268304 .       -       0
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SM_V9_PAR2      Liftoff gene    7283832 7294102 .       -       .
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SM_V9_PAR2      Liftoff mRNA    7283832 7294102 .       -       .

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A;polypeptide_domain=InterPro:IPR000008,IPR003892,IPR009060
Pfam:PF00168,PF02845;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    7283832 7284842 .       -       .
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SM_V9_PAR2      Liftoff exon    7286046 7286088 .       -       .
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SM_V9_PAR2      Liftoff exon    7290572 7290773 .       -       .
        Parent=Smp_065890.1
SM_V9_PAR2      Liftoff exon    7291466 7291599 .       -       .
        Parent=Smp_065890.1
SM_V9_PAR2      Liftoff exon    7293844 7294102 .       -       .
        Parent=Smp_065890.1
SM_V9_PAR2      Liftoff CDS     7284649 7284842 .       -       2
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SM_V9_PAR2      Liftoff CDS     7286046 7286088 .       -       0
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        Parent=Smp_157720.1;Name=66001075-245b-4c49-
a94d-57793f0ff6ff
SM_V9_PAR2      iris    exon    7303807 7304126 .       -       .
        Parent=Smp_157720.1;Name=76531644-1550-47fb-
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SM_V9_PAR2      iris    exon    7305167 7305525 .       -       .
        Parent=Smp_157720.1;Name=42722206-
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        Parent=Smp_157720.1;Name=49279c7d-f465-4530-ad2b-
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SM_V9_PAR2      iris    exon    7308203 7308547 .       -       .
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Parent=Smp_157720.1;Name=3d853848-99c1-4c30-9464-46bce6ebe14b
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SM_V9_PAR2      iris    exon    7312524 7312888 .       -       .
        Parent=Smp_157720.1;Name=6e2af223-0d59-4694-bdce-
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SM_V9_PAR2      iris    exon    7314404 7314907 .       -       .

Parent=Smp_157720.1;Name=47f2f4be-5c16-4f22-938d-061f4d3f4cd6
SM_V9_PAR2      iris    exon    7317563 7317943 .       -       .
        Parent=Smp_157720.1;Name=743eee46-5030-43d2-8cdf-
aa578b97d4b1
SM_V9_PAR2      iris    exon    7319139 7320203 .       -       .
        Parent=Smp_157720.1;Name=b6016e10-e476-4e56-
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SM_V9_PAR2      iris    exon    7320250 7320312 .       -       .
        Parent=Smp_157720.1;Name=ec370f96-3731-4d2d-8feb-
db5930af4547
SM_V9_PAR2      iris    exon    7320349 7320502 .       -       .
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Parent=Smp_157710.1;Name=583e81a1-2bea-452c-8220-98c363004999
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SM_V9_PAR2      iris    exon    7337040 7337327 .       +       .
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Pfam:PF00085;Ontology_term=GO:0045454
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Pfam:PF00204,PF00521,PF01751,PF02518,PF16898;Ontology_term=GO:000367
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SM_V9_PAR2      Liftoff CDS     7406628 7406691 .       +       2
        Parent=Smp_065840.1
SM_V9_PAR2      Liftoff CDS     7406724 7406967 .       +       1
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SM_V9_PAR2      Liftoff CDS     7407001 7407282 .       +       0
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SM_V9_PAR2      iris    exon    7436528 7436656 .       +       .
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SM_V9_PAR2      iris    exon    7438226 7438432 .       +       .
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SM_V9_PAR2      iris    exon    7440041 7440238 .       +       .
        Parent=Smp_157690.1;Name=102c3015-
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SM_V9_PAR2      iris    exon    7441847 7442080 .       +       .
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SM_V9_PAR2      iris    exon    7442636 7442773 .       +       .
        Parent=Smp_157690.1;Name=31280519-ffcd-4396-
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SM_V9_PAR2      iris    exon    7443680 7443823 .       +       .
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SM_V9_PAR2      iris    exon    7444902 7445036 .       +       .

Parent=Smp_157690.1;Name=a3e3ea71-5791-4875-8cab-6fb113c84574
SM_V9_PAR2      iris    exon    7446260 7446406 .       +       .
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SM_V9_PAR2      iris    exon    7448123 7448413 .       +       .
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SM_V9_PAR2      iris    exon    7449587 7449712 .       +       .

Parent=Smp_157690.1;Name=38464a09-35d2-4d0d-9c4c-164455111210
SM_V9_PAR2      iris    exon    7450905 7451036 .       +       .
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SM_V9_PAR2      iris    exon    7452964 7453305 .       +       .
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SM_V9_PAR2      iris    exon    7453798 7454064 .       +       .
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SM_V9_PAR2      iris    exon    7455737 7455865 .       +       .
        Parent=Smp_157690.1;Name=0493d49b-450d-4e64-
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SM_V9_PAR2      iris    exon    7456507 7456641 .       +       .
        Parent=Smp_157690.1;Name=59abae92-2521-4f91-a937-
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SM_V9_PAR2      iris    exon    7458849 7459148 .       +       .
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SM_V9_PAR2      iris    exon    7459810 7459944 .       +       .
        Parent=Smp_157690.1;Name=8602f591-5cb9-4352-
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SM_V9_PAR2      iris    exon    7460851 7461123 .       +       .

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SM_V9_PAR2      iris    exon    7462276 7462410 .       +       .
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SM_V9_PAR2      iris    exon    7462557 7462753 .       +       .
        Parent=Smp_157690.1;Name=ece93411-f89f-4ccd-a2cc-
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ed4ebdb4c7a8
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SM_V9_PAR2      iris    exon    7465414 7465551 .       +       .
        Parent=Smp_157690.1;Name=9671dabd-e857-48d1-
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SM_V9_PAR2      iris    exon    7467127 7467273 .       +       .

Parent=Smp_157690.1;Name=36630956-4d71-4adf-9d7f-6efa31c5a88a
SM_V9_PAR2      iris    exon    7467850 7467975 .       +       .
        Parent=Smp_157690.1;Name=7ce18496-bdaf-4b65-adea-
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SM_V9_PAR2      iris    exon    7469188 7469331 .       +       .
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SM_V9_PAR2      iris    exon    7470914 7471048 .       +       .
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SM_V9_PAR2      iris    exon    7472897 7473158 .       +       .
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SM_V9_PAR2      iris    exon    7475132 7475342 .       +       .
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SM_V9_PAR2      iris    exon    7476371 7476658 .       +       .
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SM_V9_PAR2      iris    exon    7477713 7477853 .       +       .

Parent=Smp_157690.1;Name=93d3ba24-7fe3-4ace-94be-20ba0b77dd17
SM_V9_PAR2      iris    exon    7479551 7479688 .       +       .

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SM_V9_PAR2      iris    exon    7481174 7481440 .       +       .
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SM_V9_PAR2      iris    exon    7482903 7483178 .       +       .
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SM_V9_PAR2      iris    exon    7485169 7485300 .       +       .
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SM_V9_PAR2      iris    exon    7486614 7486766 .       +       .
        Parent=Smp_157690.1;Name=26ed1394-3d88-4d55-
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SM_V9_PAR2      iris    exon    7489064 7489336 .       +       .
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SM_V9_PAR2      iris    exon    7490704 7490835 .       +       .
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ce8957b8645f
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SM_V9_PAR2      iris    exon    7506759 7506905 .       +       .
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SM_V9_PAR2      iris    exon    7509822 7509956 .       +       .
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SM_V9_PAR2      iris    exon    7511268 7511414 .       +       .
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SM_V9_PAR2      iris    exon    7515229 7515545 .       +       .

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SM_V9_PAR2      iris    exon    7536428 7536703 .       +       .

Parent=Smp_157690.1;Name=c955ccb5-76e7-4efb-8263-6a917238d86b
SM_V9_PAR2      iris    exon    7538087 7538417 .       +       .
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SM_V9_PAR2      iris    exon    7539782 7540194 .       +       .

Parent=Smp_157690.1;Name=9723bb5d-5ef2-4d03-9383-2b9b2fcc9acc
SM_V9_PAR2      iris    exon    7542107 7542244 .       +       .
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SM_V9_PAR2      iris    exon    7542582 7542710 .       +       .
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SM_V9_PAR2      iris    exon    7543614 7543883 .       +       .
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SM_V9_PAR2      iris    exon    7545202 7545330 .       +       .
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SM_V9_PAR2      iris    exon    7560967 7561098 .       +       .
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SM_V9_PAR2      iris    exon    7563980 7564117 .       +       .
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SM_V9_PAR2      iris    exon    7565491 7565889 .       +       .
        Parent=Smp_157690.1;Name=358c53e9-2c0f-466f-
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SM_V9_PAR2      iris    exon    7567050 7567352 .       +       .
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SM_V9_PAR2      iris    exon    7570168 7570500 .       +       .
        Parent=Smp_157690.1;Name=0cf3689c-5e81-4e7b-
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Parent=Smp_157690.1;Name=2346298e-522c-44b5-91b6-05696311aded
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Parent=Smp_157690.1;Name=ab5ff9c4-37a8-4295-8811-73328342433c
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SM_V9_PAR2      iris    CDS     7560967 7561098 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7563980 7564117 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7565491 7565889 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7567050 7567352 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7570168 7570500 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7571453 7571845 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7573381 7573703 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7574803 7574968 .       +       0
        Parent=Smp_157690.1
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SM_V9_PAR2      iris    CDS     7575591 7575903 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7578713 7578909 .       +       1
        Parent=Smp_157690.1
SM_V9_PAR2      iris    CDS     7580029 7580150 .       +       2
        Parent=Smp_157690.1
SM_V9_PAR2      Liftoff gene    7593366 7612766 .       +       .
        ID=Smp_065810;geneID=Smp_065810
SM_V9_PAR2      Liftoff mRNA    7593366 7612766 .       +       .

ID=Smp_065810.1;Parent=Smp_065810;geneID=Smp_065810;product=GON-4-
like protein
SM_V9_PAR2      Liftoff exon    7593366 7594622 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7596332 7596609 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7598602 7599355 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7600929 7601222 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7602438 7602697 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7604140 7605354 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7607877 7609380 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7609962 7610318 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff exon    7611608 7612766 .       +       .
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7594524 7594622 .       +       0
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7596332 7596609 .       +       0
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7598602 7599355 .       +       1
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7600929 7601222 .       +       0
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7602438 7602697 .       +       0
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7604140 7605354 .       +       1
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7607877 7609380 .       +       1
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7609962 7610318 .       +       0
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff CDS     7611608 7612474 .       +       0
        Parent=Smp_065810.1
SM_V9_PAR2      Liftoff gene    7616986 7620312 .       -       .
        ID=Smp_157680;geneID=Smp_157680
SM_V9_PAR2      Liftoff mRNA    7616986 7620312 .       -       .

ID=Smp_157680.1;Parent=Smp_157680;geneID=Smp_157680;product=Probable
U6 snRNA-associated Sm-like protein
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LSm4;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR034101
Pfam:PF01423;Ontology_term=GO:0000398,GO:0000956
SM_V9_PAR2      Liftoff exon    7616986 7617193 .       -       .
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff exon    7619796 7619976 .       -       .
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff exon    7620014 7620112 .       -       .
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff exon    7620147 7620188 .       -       .
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff exon    7620223 7620312 .       -       .
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff CDS     7617090 7617193 .       -       2
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff CDS     7619796 7619976 .       -       0
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff CDS     7620014 7620112 .       -       0
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff CDS     7620147 7620188 .       -       0
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff CDS     7620223 7620225 .       -       0
        Parent=Smp_157680.1
SM_V9_PAR2      Liftoff mRNA    7616986 7620312 .       -       .

ID=Smp_157680.2;Parent=Smp_157680;geneID=Smp_157680;product=Probable
U6 snRNA-associated Sm-like protein
LSm4;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR034101
Pfam:PF01423;Ontology_term=GO:0000398,GO:0000956
SM_V9_PAR2      Liftoff exon    7616986 7617193 .       -       .
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff exon    7619796 7619976 .       -       .
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff exon    7620014 7620112 .       -       .
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff exon    7620147 7620312 .       -       .
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff CDS     7617090 7617193 .       -       2
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff CDS     7619796 7619976 .       -       0
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff CDS     7620014 7620112 .       -       0
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff CDS     7620147 7620149 .       -       0
        Parent=Smp_157680.2
SM_V9_PAR2      Liftoff gene    7629007 7703332 .       -       .
        ID=Smp_157670;geneID=Smp_157670
SM_V9_PAR2      Liftoff mRNA    7629007 7672212 .       -       .

ID=Smp_157670.2;Parent=Smp_157670;geneID=Smp_157670;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    7629007 7630113 .       -       .
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff exon    7632171 7632297 .       -       .
        Parent=Smp_157670.2
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SM_V9_PAR2      Liftoff exon    7635399 7635703 .       -       .
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff exon    7638856 7639118 .       -       .
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff exon    7643471 7643636 .       -       .
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff exon    7645658 7672212 .       -       .
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff CDS     7629877 7630113 .       -       0
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff CDS     7632171 7632297 .       -       1
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff CDS     7635399 7635703 .       -       0
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff CDS     7638856 7639118 .       -       2
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff CDS     7643471 7643636 .       -       0
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff CDS     7645658 7645765 .       -       0
        Parent=Smp_157670.2
SM_V9_PAR2      Liftoff mRNA    7629007 7672212 .       -       .

ID=Smp_157670.3;Parent=Smp_157670;geneID=Smp_157670;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    7629007 7630113 .       -       .
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff exon    7632171 7632297 .       -       .
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff exon    7635399 7635703 .       -       .
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff exon    7638856 7639118 .       -       .
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff exon    7643471 7643633 .       -       .
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff exon    7645658 7672212 .       -       .
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff CDS     7629877 7630113 .       -       0
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff CDS     7632171 7632297 .       -       1
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff CDS     7635399 7635703 .       -       0
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff CDS     7638856 7639118 .       -       2
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff CDS     7643471 7643633 .       -       0
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff CDS     7645658 7645765 .       -       0
        Parent=Smp_157670.3
SM_V9_PAR2      Liftoff mRNA    7629007 7703332 .       -       .

ID=Smp_157670.1;Parent=Smp_157670;geneID=Smp_157670;product=PDZ and
LIM domain protein
7;polypeptide_domain=InterPro:IPR001478;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    7629007 7630113 .       -       .
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        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff exon    7632171 7632297 .       -       .
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff exon    7635399 7635703 .       -       .
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff exon    7638856 7639118 .       -       .
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff exon    7643471 7643636 .       -       .
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff exon    7645658 7645772 .       -       .
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff exon    7648767 7648915 .       -       .
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff exon    7702854 7703332 .       -       .
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7629877 7630113 .       -       0
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7632171 7632297 .       -       1
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7635399 7635703 .       -       0
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7638856 7639118 .       -       2
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7643471 7643636 .       -       0
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7645658 7645772 .       -       1
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7648767 7648915 .       -       0
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff CDS     7702854 7702985 .       -       0
        Parent=Smp_157670.1
SM_V9_PAR2      Liftoff gene    7709325 7721692 .       -       .
        ID=Smp_157660;geneID=Smp_157660
SM_V9_PAR2      Liftoff mRNA    7709325 7721692 .       -       .

ID=Smp_157660.1;Parent=Smp_157660;geneID=Smp_157660;product=ATP-
dependent rRNA helicase
RRP3;polypeptide_domain=InterPro:IPR000629,IPR001650,IPR011545,IPR01
4001,IPR014014,IPR027417
Pfam:PF00270,PF00271;Ontology_term=GO:0003676,GO:0005524
SM_V9_PAR2      Liftoff exon    7709325 7709909 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff exon    7712091 7712400 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff exon    7713781 7713981 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff exon    7715659 7715894 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff exon    7716973 7717172 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff exon    7717867 7718059 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff exon    7718098 7718168 .       -       .
        Parent=Smp_157660.1
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SM_V9_PAR2      Liftoff exon    7718209 7718302 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff exon    7718334 7721692 .       -       .
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7709547 7709909 .       -       0
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7712091 7712400 .       -       1
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7713781 7713981 .       -       1
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7715659 7715894 .       -       0
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7716973 7717172 .       -       2
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7717867 7718059 .       -       0
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7718098 7718168 .       -       2
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7718209 7718302 .       -       0
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff CDS     7718334 7718363 .       -       0
        Parent=Smp_157660.1
SM_V9_PAR2      Liftoff gene    7728306 7745560 .       +       .

ID=Smp_341050;geneID=Smp_341050;previous_systematic_id=Smp_065780
SM_V9_PAR2      Liftoff mRNA    7728306 7745560 .       +       .

ID=Smp_341050.1;Parent=Smp_341050;geneID=Smp_341050;product=Protein
farnesyltransferase subunit
beta;polypeptide_domain=InterPro:IPR001330,IPR008930,IPR026872
Pfam:PF00432;Ontology_term=GO:0003824,GO:0005965,GO:0018343,GO:00421
27
SM_V9_PAR2      Liftoff exon    7728306 7733755 .       +       .
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff exon    7737758 7738060 .       +       .
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff exon    7739490 7739657 .       +       .
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff exon    7740864 7741004 .       +       .
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff exon    7744773 7745560 .       +       .
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff CDS     7733420 7733755 .       +       0
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff CDS     7737758 7738060 .       +       0
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff CDS     7739490 7739657 .       +       0
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff CDS     7740864 7741004 .       +       0
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff CDS     7744773 7745351 .       +       0
        Parent=Smp_341050.1
SM_V9_PAR2      Liftoff gene    7745680 7753392 .       -       .
        ID=Smp_065770;geneID=Smp_065770
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SM_V9_PAR2      Liftoff mRNA    7745680 7753392 .       -       .

ID=Smp_065770.1;Parent=Smp_065770;geneID=Smp_065770;product=UDP-N-
acetylglucosamine transporter;polypeptide_domain=InterPro:IPR007271
Pfam:PF04142;Ontology_term=GO:0000139,GO:0005351,GO:0008643,GO:00160
21
SM_V9_PAR2      Liftoff exon    7745680 7745872 .       -       .
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff exon    7746772 7747024 .       -       .
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff exon    7748172 7748337 .       -       .
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff exon    7749803 7750077 .       -       .
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff exon    7750563 7753392 .       -       .
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff CDS     7745764 7745872 .       -       1
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff CDS     7746772 7747024 .       -       2
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff CDS     7748172 7748337 .       -       0
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff CDS     7749803 7750077 .       -       2
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff CDS     7750563 7750677 .       -       0
        Parent=Smp_065770.1
SM_V9_PAR2      Liftoff mRNA    7745680 7753392 .       -       .

ID=Smp_065770.2;Parent=Smp_065770;geneID=Smp_065770;product=UDP-N-
acetylglucosamine transporter;polypeptide_domain=InterPro:IPR007271
Pfam:PF04142;Ontology_term=GO:0000139,GO:0005351,GO:0008643,GO:00160
21
SM_V9_PAR2      Liftoff exon    7745680 7745872 .       -       .
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff exon    7746848 7747024 .       -       .
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff exon    7748172 7748337 .       -       .
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff exon    7749803 7750077 .       -       .
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff exon    7750563 7753392 .       -       .
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff CDS     7745847 7745872 .       -       2
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff CDS     7746848 7747024 .       -       2
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff CDS     7748172 7748337 .       -       0
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff CDS     7749803 7750077 .       -       2
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff CDS     7750563 7750677 .       -       0
        Parent=Smp_065770.2
SM_V9_PAR2      Liftoff mRNA    7745680 7753392 .       -       .
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ID=Smp_065770.3;Parent=Smp_065770;geneID=Smp_065770;product=UDP-
galactose translocator;polypeptide_domain=InterPro:IPR007271
Pfam:PF04142;Ontology_term=GO:0000139,GO:0005351,GO:0008643,GO:00160
21
SM_V9_PAR2      Liftoff exon    7745680 7748324 .       -       .
        Parent=Smp_065770.3
SM_V9_PAR2      Liftoff exon    7749803 7750077 .       -       .
        Parent=Smp_065770.3
SM_V9_PAR2      Liftoff exon    7750563 7753392 .       -       .
        Parent=Smp_065770.3
SM_V9_PAR2      Liftoff CDS     7748274 7748324 .       -       0
        Parent=Smp_065770.3
SM_V9_PAR2      Liftoff CDS     7749803 7750077 .       -       2
        Parent=Smp_065770.3
SM_V9_PAR2      Liftoff CDS     7750563 7750677 .       -       0
        Parent=Smp_065770.3
SM_V9_PAR2      Liftoff gene    7757563 7865768 .       -       .

ID=Smp_136070;geneID=Smp_136070;previous_systematic_id=Smp_118100,Sm
p_157650
SM_V9_PAR2      Liftoff mRNA    7757563 7865768 .       -       .

ID=Smp_136070.1;Parent=Smp_136070;geneID=Smp_136070;product=Tyrosine
-protein kinase transmembrane receptor
Ror;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR003598,IPR003
599,IPR007110,IPR008266,IPR011009,IPR013098,IPR013783,IPR020067,IPR0
20635
Pfam:PF07679,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005515,
GO:0005524,GO:0006468
SM_V9_PAR2      Liftoff exon    7757563 7759717 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7760576 7761671 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7763049 7763150 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7764368 7764646 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7774127 7774266 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7781158 7781212 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7790181 7790290 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7791090 7791267 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7793267 7793304 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff exon    7807252 7865768 .       -       .
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7758322 7759717 .       -       1
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7760576 7761671 .       -       2
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7763049 7763150 .       -       2
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        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7764368 7764646 .       -       2
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7774127 7774266 .       -       1
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7781158 7781212 .       -       2
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7790181 7790290 .       -       1
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7791090 7791267 .       -       2
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7793267 7793304 .       -       1
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff CDS     7807252 7807526 .       -       0
        Parent=Smp_136070.1
SM_V9_PAR2      Liftoff gene    7969592 7977046 .       +       .
        ID=Smp_025570;geneID=Smp_025570
SM_V9_PAR2      Liftoff mRNA    7969592 7977046 .       +       .

ID=Smp_025570.1;Parent=Smp_025570;geneID=Smp_025570;product=Diphthin
e methyl ester
synthase;polypeptide_domain=InterPro:IPR000878,IPR004551,IPR014776,I
PR014777
Pfam:PF00590;Ontology_term=GO:0004164,GO:0008152,GO:0008168,GO:00171
83
SM_V9_PAR2      Liftoff exon    7969592 7971617 .       +       .
        Parent=Smp_025570.1
SM_V9_PAR2      Liftoff exon    7971647 7971867 .       +       .
        Parent=Smp_025570.1
SM_V9_PAR2      Liftoff exon    7976441 7977046 .       +       .
        Parent=Smp_025570.1
SM_V9_PAR2      Liftoff CDS     7971344 7971617 .       +       0
        Parent=Smp_025570.1
SM_V9_PAR2      Liftoff CDS     7971647 7971867 .       +       2
        Parent=Smp_025570.1
SM_V9_PAR2      Liftoff CDS     7976441 7976935 .       +       0
        Parent=Smp_025570.1
SM_V9_PAR2      Liftoff gene    7977591 7982278 .       -       .
        ID=Smp_025560;geneID=Smp_025560
SM_V9_PAR2      Liftoff mRNA    7977591 7982278 .       -       .

ID=Smp_025560.1;Parent=Smp_025560;geneID=Smp_025560;product=BUB3-
interacting and GLEBS motif-containing protein
ZNF207;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:000367
6
SM_V9_PAR2      Liftoff exon    7977591 7979928 .       -       .
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff exon    7981125 7981335 .       -       .
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff exon    7981375 7981524 .       -       .
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff exon    7981555 7981642 .       -       .
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff exon    7981676 7981700 .       -       .
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        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff exon    7981736 7982006 .       -       .
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff exon    7982043 7982169 .       -       .
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff exon    7982202 7982278 .       -       .
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7979840 7979928 .       -       2
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7981125 7981335 .       -       0
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7981375 7981524 .       -       0
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7981555 7981642 .       -       1
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7981676 7981700 .       -       2
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7981736 7982006 .       -       0
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7982043 7982169 .       -       1
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff CDS     7982202 7982242 .       -       0
        Parent=Smp_025560.1
SM_V9_PAR2      Liftoff mRNA    7977591 7982278 .       -       .

ID=Smp_025560.2;Parent=Smp_025560;geneID=Smp_025560;product=BUB3-
interacting and GLEBS motif-containing protein
ZNF207;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:000367
6
SM_V9_PAR2      Liftoff exon    7977591 7979928 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff exon    7981125 7981335 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff exon    7981375 7981524 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff exon    7981555 7981642 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff exon    7981676 7981700 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff exon    7981736 7982006 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff exon    7982043 7982169 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff exon    7982202 7982278 .       -       .
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7979840 7979928 .       -       2
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7981125 7981335 .       -       0
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7981375 7981524 .       -       0
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7981555 7981642 .       -       1
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7981676 7981700 .       -       2
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        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7981736 7982006 .       -       0
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7982043 7982169 .       -       1
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff CDS     7982202 7982242 .       -       0
        Parent=Smp_025560.2
SM_V9_PAR2      Liftoff gene    7985903 7986768 .       -       .

ID=Smp_323480;geneID=Smp_323480;previous_systematic_id=Smp_112520
SM_V9_PAR2      Liftoff mRNA    7985903 7986768 .       -       .

ID=Smp_323480.1;Parent=Smp_323480;geneID=Smp_323480;product=E3 UFM1-
protein ligase 1;polypeptide_domain=InterPro:IPR018611 Pfam:PF09743
SM_V9_PAR2      Liftoff exon    7985903 7986768 .       -       .
        Parent=Smp_323480.1
SM_V9_PAR2      Liftoff CDS     7986051 7986719 .       -       0
        Parent=Smp_323480.1
SM_V9_PAR2      Liftoff gene    7987727 7990528 .       -       .
        ID=Smp_323490;geneID=Smp_323490
SM_V9_PAR2      Liftoff mRNA    7987727 7990528 .       -       .

ID=Smp_323490.1;Parent=Smp_323490;geneID=Smp_323490;product=E3 UFM1-
protein ligase 1;polypeptide_domain=InterPro:IPR018611 Pfam:PF09743
SM_V9_PAR2      Liftoff exon    7987727 7988667 .       -       .
        Parent=Smp_323490.1
SM_V9_PAR2      Liftoff exon    7989333 7990528 .       -       .
        Parent=Smp_323490.1
SM_V9_PAR2      Liftoff CDS     7987753 7988667 .       -       0
        Parent=Smp_323490.1
SM_V9_PAR2      Liftoff CDS     7989333 7990472 .       -       0
        Parent=Smp_323490.1
SM_V9_PAR2      Liftoff gene    7991480 7994278 .       -       .
        ID=Smp_323500;geneID=Smp_323500
SM_V9_PAR2      Liftoff mRNA    7991480 7994278 .       -       .

ID=Smp_323500.1;Parent=Smp_323500;geneID=Smp_323500;product=E3 UFM1-
protein ligase 1;polypeptide_domain=InterPro:IPR018611 Pfam:PF09743
SM_V9_PAR2      Liftoff exon    7991480 7992420 .       -       .
        Parent=Smp_323500.1
SM_V9_PAR2      Liftoff exon    7993086 7994278 .       -       .
        Parent=Smp_323500.1
SM_V9_PAR2      Liftoff CDS     7991506 7992420 .       -       0
        Parent=Smp_323500.1
SM_V9_PAR2      Liftoff CDS     7993086 7994225 .       -       0
        Parent=Smp_323500.1
SM_V9_PAR2      Liftoff mRNA    7992975 7994278 .       -       .

ID=Smp_323500.2;Parent=Smp_323500;geneID=Smp_323500;product=E3 UFM1-
protein ligase 1;polypeptide_domain=InterPro:IPR018611 Pfam:PF09743
SM_V9_PAR2      Liftoff exon    7992975 7994278 .       -       .
        Parent=Smp_323500.2
SM_V9_PAR2      Liftoff CDS     7993062 7994225 .       -       0
        Parent=Smp_323500.2
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SM_V9_PAR2      Liftoff gene    7995233 7998028 .       -       .
        ID=Smp_323510;geneID=Smp_323510
SM_V9_PAR2      Liftoff mRNA    7995233 7998028 .       -       .

ID=Smp_323510.1;Parent=Smp_323510;geneID=Smp_323510;product=E3 UFM1-
protein ligase 1;polypeptide_domain=InterPro:IPR018611 Pfam:PF09743
SM_V9_PAR2      Liftoff exon    7995233 7996173 .       -       .
        Parent=Smp_323510.1
SM_V9_PAR2      Liftoff exon    7996839 7998028 .       -       .
        Parent=Smp_323510.1
SM_V9_PAR2      Liftoff CDS     7995259 7996173 .       -       0
        Parent=Smp_323510.1
SM_V9_PAR2      Liftoff CDS     7996839 7997978 .       -       0
        Parent=Smp_323510.1
SM_V9_PAR2      Liftoff gene    7998823 8001552 .       -       .
        ID=Smp_336840;geneID=Smp_336840
SM_V9_PAR2      Liftoff mRNA    7998823 8001552 .       -       .

ID=Smp_336840.1;Parent=Smp_336840;geneID=Smp_336840;product=E3 UFM1-
protein ligase 1 homolog
SM_V9_PAR2      Liftoff exon    7998823 7999926 .       -       .
        Parent=Smp_336840.1
SM_V9_PAR2      Liftoff exon    8000592 8001552 .       -       .
        Parent=Smp_336840.1
SM_V9_PAR2      Liftoff CDS     7999012 7999926 .       -       0
        Parent=Smp_336840.1
SM_V9_PAR2      Liftoff CDS     8000592 8000807 .       -       0
        Parent=Smp_336840.1
SM_V9_PAR2      Liftoff gene    7999009 8001552 .       -       .
        ID=Smp_336850;geneID=Smp_336850
SM_V9_PAR2      Liftoff mRNA    7999009 8001552 .       -       .

ID=Smp_336850.1;Parent=Smp_336850;geneID=Smp_336850;product=Uncharac
terized protein MPN_513
SM_V9_PAR2      Liftoff exon    7999009 7999926 .       -       .
        Parent=Smp_336850.1
SM_V9_PAR2      Liftoff exon    8000592 8001552 .       -       .
        Parent=Smp_336850.1
SM_V9_PAR2      Liftoff CDS     7999012 7999926 .       -       0
        Parent=Smp_336850.1
SM_V9_PAR2      Liftoff CDS     8000592 8000609 .       -       0
        Parent=Smp_336850.1
SM_V9_PAR2      Liftoff gene    8035113 8044648 .       -       .
        ID=Smp_178360;geneID=Smp_178360
SM_V9_PAR2      Liftoff mRNA    8035113 8044648 .       -       .

ID=Smp_178360.1;Parent=Smp_178360;geneID=Smp_178360;product=E3 UFM1-
protein ligase 1;polypeptide_domain=InterPro:IPR018611 Pfam:PF09743
SM_V9_PAR2      Liftoff exon    8035113 8036218 .       -       .
        Parent=Smp_178360.1
SM_V9_PAR2      Liftoff exon    8036884 8044648 .       -       .
        Parent=Smp_178360.1
SM_V9_PAR2      Liftoff CDS     8035304 8036218 .       -       0
        Parent=Smp_178360.1
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SM_V9_PAR2      Liftoff CDS     8036884 8038506 .       -       0
        Parent=Smp_178360.1
SM_V9_PAR2      Liftoff gene    8059032 8068356 .       +       .
        ID=Smp_025550;geneID=Smp_025550
SM_V9_PAR2      Liftoff mRNA    8059032 8068356 .       +       .

ID=Smp_025550.1;Parent=Smp_025550;geneID=Smp_025550;product=Protein
arginine N-methyltransferase
7;polypeptide_domain=InterPro:IPR014644,IPR025799,IPR029063;Ontology
_term=GO:0006479,GO:0008168
SM_V9_PAR2      Liftoff exon    8059032 8062634 .       +       .
        Parent=Smp_025550.1
SM_V9_PAR2      Liftoff exon    8065431 8065722 .       +       .
        Parent=Smp_025550.1
SM_V9_PAR2      Liftoff exon    8066664 8068356 .       +       .
        Parent=Smp_025550.1
SM_V9_PAR2      Liftoff CDS     8062077 8062634 .       +       0
        Parent=Smp_025550.1
SM_V9_PAR2      Liftoff CDS     8065431 8065722 .       +       0
        Parent=Smp_025550.1
SM_V9_PAR2      Liftoff CDS     8066664 8068081 .       +       2
        Parent=Smp_025550.1
SM_V9_PAR2      Liftoff mRNA    8059032 8068356 .       +       .

ID=Smp_025550.2;Parent=Smp_025550;geneID=Smp_025550;product=Protein
arginine N-methyltransferase 7;polypeptide_domain=InterPro:IPR029063
SM_V9_PAR2      Liftoff exon    8059032 8062634 .       +       .
        Parent=Smp_025550.2
SM_V9_PAR2      Liftoff exon    8065507 8065722 .       +       .
        Parent=Smp_025550.2
SM_V9_PAR2      Liftoff exon    8066664 8068356 .       +       .
        Parent=Smp_025550.2
SM_V9_PAR2      Liftoff CDS     8062610 8062634 .       +       0
        Parent=Smp_025550.2
SM_V9_PAR2      Liftoff CDS     8065507 8065722 .       +       2
        Parent=Smp_025550.2
SM_V9_PAR2      Liftoff CDS     8066664 8068081 .       +       2
        Parent=Smp_025550.2
SM_V9_PAR2      Liftoff mRNA    8059032 8068356 .       +       .

ID=Smp_025550.3;Parent=Smp_025550;geneID=Smp_025550;product=Protein
arginine N-methyltransferase
7;polypeptide_domain=InterPro:IPR014644,IPR025799,IPR029063;Ontology
_term=GO:0006479,GO:0008168
SM_V9_PAR2      Liftoff exon    8059032 8062634 .       +       .
        Parent=Smp_025550.3
SM_V9_PAR2      Liftoff exon    8065431 8065722 .       +       .
        Parent=Smp_025550.3
SM_V9_PAR2      Liftoff exon    8066664 8068356 .       +       .
        Parent=Smp_025550.3
SM_V9_PAR2      Liftoff CDS     8062128 8062634 .       +       0
        Parent=Smp_025550.3
SM_V9_PAR2      Liftoff CDS     8065431 8065722 .       +       0
        Parent=Smp_025550.3
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SM_V9_PAR2      Liftoff CDS     8066664 8068081 .       +       2
        Parent=Smp_025550.3
SM_V9_PAR2      Liftoff gene    8076352 8096231 .       +       .
        ID=Smp_136050;geneID=Smp_136050
SM_V9_PAR2      Liftoff mRNA    8076352 8096231 .       +       .

ID=Smp_136050.1;Parent=Smp_136050;geneID=Smp_136050;product=Malignan
t fibrous histiocytoma-amplified sequence
1;polypeptide_domain=InterPro:IPR001611,IPR003591,IPR032675
Pfam:PF13855;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    8076352 8076799 .       +       .
        Parent=Smp_136050.1
SM_V9_PAR2      Liftoff exon    8091163 8091344 .       +       .
        Parent=Smp_136050.1
SM_V9_PAR2      Liftoff exon    8094800 8095117 .       +       .
        Parent=Smp_136050.1
SM_V9_PAR2      Liftoff exon    8095981 8096231 .       +       .
        Parent=Smp_136050.1
SM_V9_PAR2      Liftoff CDS     8076598 8076799 .       +       0
        Parent=Smp_136050.1
SM_V9_PAR2      Liftoff CDS     8091163 8091344 .       +       2
        Parent=Smp_136050.1
SM_V9_PAR2      Liftoff CDS     8094800 8095117 .       +       0
        Parent=Smp_136050.1
SM_V9_PAR2      Liftoff CDS     8095981 8096040 .       +       0
        Parent=Smp_136050.1
SM_V9_PAR2      iris    gene    8101128 8113528 .       -       .

ID=Smp_136040;geneID=Smp_136040;gene_name=Smp_136040;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    8101128 8113528 .       -       .

ID=Smp_136040.1;Parent=Smp_136040;geneID=Smp_136040;gene_name=Smp_13
6040;owner=irisadmin@local.host;orig_id=Smp_136040.1;date_last_modif
ied=2022-07-17;Name=Smp_136040.1;product=Dual specificity protein
phosphatase 16;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    8101128 8103766 .       -       .
        Parent=Smp_136040.1;Name=a4cd4b5f-b619-4b72-b0b8-
f3487a8df774
SM_V9_PAR2      iris    exon    8105152 8105275 .       -       .

Parent=Smp_136040.1;Name=98f28f7a-531f-4b46-9b0e-10c888f286b1
SM_V9_PAR2      iris    exon    8107865 8108160 .       -       .
        Parent=Smp_136040.1;Name=0650f3ca-1b14-431d-91ed-
cde9dca28969
SM_V9_PAR2      iris    exon    8110374 8110695 .       -       .
        Parent=Smp_136040.1;Name=9c1dc6b9-3cbe-4f85-ab8e-
b49fe467def9
SM_V9_PAR2      iris    exon    8112993 8113176 .       -       .

Parent=Smp_136040.1;Name=1c40a7cb-3ea2-47ac-8843-56b036c2f1b9
SM_V9_PAR2      iris    exon    8113216 8113528 .       -       .

Parent=Smp_136040.1;Name=7a852c9f-87fc-4171-96cc-3101e768d2af
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SM_V9_PAR2      iris    CDS     8102185 8103766 .       -       1
        Parent=Smp_136040.1
SM_V9_PAR2      iris    CDS     8105152 8105275 .       -       2
        Parent=Smp_136040.1
SM_V9_PAR2      iris    CDS     8107865 8108160 .       -       1
        Parent=Smp_136040.1
SM_V9_PAR2      iris    CDS     8110374 8110695 .       -       2
        Parent=Smp_136040.1
SM_V9_PAR2      iris    CDS     8112993 8113176 .       -       0
        Parent=Smp_136040.1
SM_V9_PAR2      iris    CDS     8113216 8113299 .       -       0
        Parent=Smp_136040.1
SM_V9_PAR2      Liftoff gene    8121932 8136497 .       +       .
        ID=Smp_025510;geneID=Smp_025510
SM_V9_PAR2      Liftoff mRNA    8121932 8136497 .       +       .

ID=Smp_025510.1;Parent=Smp_025510;geneID=Smp_025510;product=Vacuolar
protein sorting-associated protein
4A;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR003960,IPR0073
30,IPR015415,IPR027417
Pfam:PF00004,PF04212,PF09336;Ontology_term=GO:0005524
SM_V9_PAR2      Liftoff exon    8121932 8122103 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff exon    8122144 8122255 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff exon    8122291 8122403 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff exon    8126419 8126667 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff exon    8130770 8131036 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff exon    8131781 8132083 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff exon    8133789 8133929 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff exon    8135443 8136497 .       +       .
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8122092 8122103 .       +       0
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8122144 8122255 .       +       0
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8122291 8122403 .       +       2
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8126419 8126667 .       +       0
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8130770 8131036 .       +       0
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8131781 8132083 .       +       0
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8133789 8133929 .       +       0
        Parent=Smp_025510.1
SM_V9_PAR2      Liftoff CDS     8135443 8135547 .       +       0
        Parent=Smp_025510.1
SM_V9_PAR2      iris    gene    8155172 8234816 .       -       .
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ID=Smp_136030;geneID=Smp_136030;gene_name=Smp_136030;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    8155172 8234816 .       -       .

ID=Smp_136030.1;Parent=Smp_136030;geneID=Smp_136030;gene_name=Smp_13
6030;owner=irisadmin@local.host;orig_id=Smp_136030.1;date_last_modif
ied=2022-07-17;Name=Smp_136030.1;product=Sodium bicarbonate
transporter-like protein 11;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    8155172 8155527 .       -       .
        Parent=Smp_136030.1;Name=05eb72d0-d4d6-4ba7-b3c7-
d5729aa3f82c
SM_V9_PAR2      iris    exon    8158741 8158910 .       -       .

Parent=Smp_136030.1;Name=7efba6c6-31e5-456e-9cff-31a07210f88c
SM_V9_PAR2      iris    exon    8160533 8160728 .       -       .
        Parent=Smp_136030.1;Name=36da5cf8-63ac-4947-97c7-
cfb21e725334
SM_V9_PAR2      iris    exon    8161489 8161665 .       -       .
        Parent=Smp_136030.1;Name=314d1a38-2b6e-4fad-9680-
ba9cde5871de
SM_V9_PAR2      iris    exon    8163723 8163891 .       -       .

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3;polypeptide_domain=InterPro:IPR001680,IPR007148,IPR015943,IPR01798
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SM_V9_PAR2      Liftoff exon    8302648 8302721 .       +       .
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SM_V9_PAR2      Liftoff exon    8302995 8303142 .       +       .
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SM_V9_PAR2      Liftoff exon    8303305 8303462 .       +       .
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SM_V9_PAR2      iris    CDS     8318478 8318602 .       -       2
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1;date_creation=2022-08-19
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bd50a2d122f7
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SM_V9_PAR2      iris    exon    8414948 8415256 .       +       .
        Parent=Smp_135970.1;Name=c3ce3ade-93b9-4812-
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        Parent=Smp_135970.1
SM_V9_PAR2      iris    CDS     8414948 8415034 .       +       0
        Parent=Smp_135970.1
SM_V9_PAR2      Liftoff gene    8421228 8423356 .       -       .

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SM_V9_PAR2      Liftoff mRNA    8421228 8423356 .       -       .

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SM_V9_PAR2      Liftoff exon    8422280 8423356 .       -       .
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SM_V9_PAR2      Liftoff CDS     8422280 8422405 .       -       0
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SM_V9_PAR2      iris    gene    8443251 8452306 .       -       .

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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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ID=Smp_025380.1;Parent=Smp_025380;geneID=Smp_025380;gene_name=Smp_02
5380;owner=irisadmin@local.host;orig_id=Smp_025380.1;date_last_modif
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c59b12e74910
SM_V9_PAR2      iris    exon    8445659 8445753 .       -       .
        Parent=Smp_025380.1;Name=4c2444aa-b36a-40ca-871c-
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SM_V9_PAR2      iris    exon    8452010 8452306 .       -       .
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SM_V9_PAR2      iris    CDS     8452010 8452144 .       -       0
        Parent=Smp_025380.1
SM_V9_PAR2      Liftoff gene    8469082 8489854 .       +       .
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SM_V9_PAR2      Liftoff mRNA    8469082 8489854 .       +       .

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homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
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        Parent=Smp_025370.1
SM_V9_PAR2      Liftoff exon    8469243 8469317 .       +       .
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SM_V9_PAR2      Liftoff exon    8474351 8474477 .       +       .
        Parent=Smp_025370.1
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SM_V9_PAR2      iris    exon    8498260 8498328 .       -       .

Parent=Smp_347450.1;Name=a64048e5-2c97-4f5e-947f-620e3193dc9d
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        Parent=Smp_347450.1;Name=7ecc19fe-270d-489c-987b-
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SM_V9_PAR2      iris    exon    8505292 8505354 .       -       .
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SM_V9_PAR2      iris    exon    8507374 8507433 .       -       .
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SM_V9_PAR2      iris    exon    8508642 8508686 .       -       .
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SM_V9_PAR2      iris    exon    8513929 8513982 .       -       .
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SM_V9_PAR2      iris    exon    8517535 8517564 .       -       .
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SM_V9_PAR2      iris    exon    8518324 8518353 .       -       .

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SM_V9_PAR2      iris    exon    8519766 8519976 .       -       .
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SM_V9_PAR2      iris    CDS     8498368 8498424 .       -       2
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SM_V9_PAR2      iris    CDS     8505292 8505354 .       -       2
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SM_V9_PAR2      iris    CDS     8508642 8508686 .       -       2
        Parent=Smp_347450.1
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        Parent=Smp_347450.1
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        Parent=Smp_347450.1
SM_V9_PAR2      iris    CDS     8512179 8512220 .       -       2
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SM_V9_PAR2      iris    CDS     8513929 8513982 .       -       2
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SM_V9_PAR2      iris    CDS     8515344 8515406 .       -       2
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ID=Smp_025360.1;Parent=Smp_025360;geneID=Smp_025360;gene_name=Smp_02
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21;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    8526576 8527609 .       -       .
        Parent=Smp_025360.1;Name=f0c9a671-5597-47cd-8075-
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SM_V9_PAR2      iris    exon    8532724 8533242 .       -       .
        Parent=Smp_025360.1;Name=86dd8ae2-95a1-49f8-930b-
edf8ec352c9f
SM_V9_PAR2      iris    exon    8540243 8540605 .       -       .

Parent=Smp_025360.1;Name=83dcbc4e-185c-4b6f-869a-81c91abe5953
SM_V9_PAR2      iris    exon    8542357 8542713 .       -       .
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ff16bb77f180
SM_V9_PAR2      iris    exon    8543841 8544210 .       -       .
        Parent=Smp_025360.1;Name=2361edc9-1f4a-4bd3-89e5-
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SM_V9_PAR2      iris    CDS     8527151 8527609 .       -       0
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        Parent=Smp_025360.1
SM_V9_PAR2      iris    CDS     8545798 8545997 .       -       0
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b9a8-3a44eb9e0351
SM_V9_PAR2      iris    exon    8532724 8533242 .       -       .
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SM_V9_PAR2      iris    exon    8540243 8540605 .       -       .

Parent=Smp_025360.2;Name=42960c80-2747-4869-9567-798203ee2402
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SM_V9_PAR2      iris    exon    8543841 8544210 .       -       .
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SM_V9_PAR2      iris    exon    8545798 8546138 .       -       .
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SM_V9_PAR2      iris    exon    8548512 8548632 .       -       .

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SM_V9_PAR2      iris    CDS     8527151 8527609 .       -       0
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        Parent=Smp_025360.2
SM_V9_PAR2      iris    CDS     8540243 8540605 .       -       0
        Parent=Smp_025360.2
SM_V9_PAR2      iris    CDS     8542357 8542713 .       -       0
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SM_V9_PAR2      iris    CDS     8543841 8544210 .       -       1
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SM_V9_PAR2      iris    CDS     8545798 8545997 .       -       0
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ID=Smp_135960.1;Parent=Smp_135960;geneID=Smp_135960;gene_name=Smp_13
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mitochondrial;date_creation=2022-07-17
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SM_V9_PAR2      iris    gene    8580871 8585486 .       -       .

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ID=Smp_025340.1;Parent=Smp_025340;geneID=Smp_025340;gene_name=Smp_02
5340;owner=irisadmin@local.host;orig_id=Smp_025340.1;date_last_modif
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II transcription subunit 10;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    8584938 8585486 .       -       .
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ade8-4ff3aa2dd06c
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ied=2022-11-08;Name=Smp_244470.1;product=Lethal(2) giant larvae
protein homolog 2;date_creation=2022-11-08
SM_V9_PAR2      iris    exon    8594200 8594362 .       +       .
        Parent=Smp_244470.1;Name=417d1bcc-1193-47d6-
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SM_V9_PAR2      iris    exon    8594396 8594493 .       +       .

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SM_V9_PAR2      iris    exon    8595301 8595647 .       +       .
        Parent=Smp_244470.1;Name=2d93d1ea-df12-486e-
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a4ef-959f38881485
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SM_V9_PAR2      iris    exon    8599367 8599793 .       +       .
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SM_V9_PAR2      iris    exon    8602490 8602819 .       +       .
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Parent=Smp_244470.1;Name=16eda5a3-7704-4ac0-925f-639365b2b0ae
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Parent=Smp_244470.1;Name=17025d2d-9e35-4b4f-9d9a-196592f7f7e7
SM_V9_PAR2      iris    exon    8620471 8620900 .       +       .

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SM_V9_PAR2      iris    CDS     8594396 8594493 .       +       0
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        Parent=Smp_244470.1
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        Parent=Smp_244470.1
SM_V9_PAR2      iris    CDS     8596838 8597217 .       +       1
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SM_V9_PAR2      iris    CDS     8598856 8598907 .       +       2
        Parent=Smp_244470.1
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        Parent=Smp_244470.1
SM_V9_PAR2      iris    CDS     8602490 8602819 .       +       0
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SM_V9_PAR2      iris    CDS     8606786 8606938 .       +       0
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SM_V9_PAR2      iris    exon    8652969 8653009 .       +       .
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SM_V9_PAR2      iris    exon    8656950 8657062 .       +       .
        Parent=Smp_210890.1;Name=6b6232c6-cced-44b5-830b-
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SM_V9_PAR2      iris    exon    8659628 8660178 .       +       .
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SM_V9_PAR2      iris    exon    8721766 8722133 .       -       .
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362
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10
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SM_V9_PAR2      iris    CDS     9045102 9045528 .       +       0
        Parent=Smp_323540.1
SM_V9_PAR2      iris    CDS     9051321 9051528 .       +       2
        Parent=Smp_323540.1
SM_V9_PAR2      iris    CDS     9053581 9053691 .       +       1
        Parent=Smp_323540.1
SM_V9_PAR2      iris    CDS     9055877 9056268 .       +       1
        Parent=Smp_323540.1
SM_V9_PAR2      iris    CDS     9057027 9057741 .       +       2
        Parent=Smp_323540.1
SM_V9_PAR2      iris    CDS     9060759 9060976 .       +       1
        Parent=Smp_323540.1
SM_V9_PAR2      iris    CDS     9062882 9063096 .       +       2
        Parent=Smp_323540.1
SM_V9_PAR2      Liftoff gene    9058985 9070113 .       -       .
        ID=Smp_025160;geneID=Smp_025160
SM_V9_PAR2      Liftoff mRNA    9058985 9070113 .       -       .

ID=Smp_025160.2;Parent=Smp_025160;geneID=Smp_025160;product=Acyl-
protein thioesterase
1;polypeptide_domain=InterPro:IPR003140,IPR029058
Pfam:PF02230;Ontology_term=GO:0016787
SM_V9_PAR2      Liftoff exon    9058985 9059647 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9067539 9067581 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9067625 9067792 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9067828 9068012 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9068056 9068126 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9068166 9068213 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9068251 9068316 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9068354 9068385 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff exon    9069958 9070113 .       -       .
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9059640 9059647 .       -       2
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9067539 9067581 .       -       0
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9067625 9067792 .       -       0
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        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9067828 9068012 .       -       2
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9068056 9068126 .       -       1
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9068166 9068213 .       -       1
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9068251 9068316 .       -       1
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9068354 9068385 .       -       0
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff CDS     9069958 9070053 .       -       0
        Parent=Smp_025160.2
SM_V9_PAR2      Liftoff mRNA    9067188 9070113 .       -       .

ID=Smp_025160.1;Parent=Smp_025160;geneID=Smp_025160;product=Acyl-
protein thioesterase
1;polypeptide_domain=InterPro:IPR003140,IPR029058
Pfam:PF02230;Ontology_term=GO:0016787
SM_V9_PAR2      Liftoff exon    9067188 9067581 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff exon    9067625 9067792 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff exon    9067828 9068012 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff exon    9068056 9068126 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff exon    9068166 9068213 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff exon    9068251 9068316 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff exon    9068354 9068385 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff exon    9069958 9070113 .       -       .
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9067528 9067581 .       -       0
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9067625 9067792 .       -       0
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9067828 9068012 .       -       2
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9068056 9068126 .       -       1
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9068166 9068213 .       -       1
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9068251 9068316 .       -       1
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9068354 9068385 .       -       0
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff CDS     9069958 9070017 .       -       0
        Parent=Smp_025160.1
SM_V9_PAR2      Liftoff mRNA    9067188 9070113 .       -       .

ID=Smp_025160.3;Parent=Smp_025160;geneID=Smp_025160;product=Acyl-
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protein thioesterase
1;polypeptide_domain=InterPro:IPR003140,IPR029058
Pfam:PF02230;Ontology_term=GO:0016787
SM_V9_PAR2      Liftoff exon    9067188 9067581 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff exon    9067625 9067792 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff exon    9067828 9068012 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff exon    9068056 9068126 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff exon    9068166 9068213 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff exon    9068251 9068316 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff exon    9068354 9068385 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff exon    9069958 9070113 .       -       .
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9067528 9067581 .       -       0
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9067625 9067792 .       -       0
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9067828 9068012 .       -       2
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9068056 9068126 .       -       1
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9068166 9068213 .       -       1
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9068251 9068316 .       -       1
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9068354 9068385 .       -       0
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff CDS     9069958 9070053 .       -       0
        Parent=Smp_025160.3
SM_V9_PAR2      Liftoff gene    9100137 9109554 .       -       .
        ID=Smp_025150;geneID=Smp_025150
SM_V9_PAR2      Liftoff mRNA    9100137 9109552 .       -       .

ID=Smp_025150.2;Parent=Smp_025150;geneID=Smp_025150;product=Epimeras
e family protein
SDR39U1;polypeptide_domain=InterPro:IPR013549,IPR016040 Pfam:PF08338
SM_V9_PAR2      Liftoff exon    9100137 9100884 .       -       .
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff exon    9103408 9103554 .       -       .
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff exon    9104425 9104559 .       -       .
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff exon    9104857 9104972 .       -       .
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff exon    9105019 9105119 .       -       .
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff exon    9105159 9105268 .       -       .
        Parent=Smp_025150.2
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SM_V9_PAR2      Liftoff exon    9109530 9109552 .       -       .
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff CDS     9100442 9100884 .       -       2
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff CDS     9103408 9103554 .       -       2
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff CDS     9104425 9104559 .       -       2
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff CDS     9104857 9104972 .       -       1
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff CDS     9105019 9105119 .       -       0
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff CDS     9105159 9105268 .       -       2
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff CDS     9109530 9109545 .       -       0
        Parent=Smp_025150.2
SM_V9_PAR2      Liftoff mRNA    9100137 9109554 .       -       .

ID=Smp_025150.1;Parent=Smp_025150;geneID=Smp_025150;product=Epimeras
e family protein
SDR39U1;polypeptide_domain=InterPro:IPR001509,IPR010099,IPR013549,IP
R016040 Pfam:PF01370,PF08338;Ontology_term=GO:0003824,GO:0050662
SM_V9_PAR2      Liftoff exon    9100137 9100884 .       -       .
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff exon    9103408 9103554 .       -       .
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff exon    9104857 9104972 .       -       .
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff exon    9105019 9105119 .       -       .
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff exon    9105159 9105268 .       -       .
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff exon    9109530 9109554 .       -       .
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff CDS     9100442 9100884 .       -       2
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff CDS     9103408 9103554 .       -       2
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff CDS     9104857 9104972 .       -       1
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff CDS     9105019 9105119 .       -       0
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff CDS     9105159 9105268 .       -       2
        Parent=Smp_025150.1
SM_V9_PAR2      Liftoff CDS     9109530 9109545 .       -       0
        Parent=Smp_025150.1
SM_V9_PAR2      iris    gene    9131527 9132773 .       +       .

ID=Smp_135840;geneID=Smp_135840;gene_name=Smp_135840;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    9131527 9132773 .       +       .

ID=Smp_135840.1;Parent=Smp_135840;geneID=Smp_135840;gene_name=Smp_13
5840;owner=irisadmin@local.host;orig_id=Smp_135840.1;date_last_modif
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ied=2022-07-17;Name=Smp_135840.1;product=Cytokinesis protein
3;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    9131527 9131798 .       +       .

Parent=Smp_135840.1;Name=17a52458-8428-4261-9c6d-73756412f032
SM_V9_PAR2      iris    exon    9131833 9131964 .       +       .
        Parent=Smp_135840.1;Name=412bedef-8440-4f65-8331-
ba1229c261a3
SM_V9_PAR2      iris    exon    9131998 9132773 .       +       .
        Parent=Smp_135840.1;Name=d39a4a6c-
f5b2-4fd8-886c-0a7a51604b77
SM_V9_PAR2      iris    CDS     9131556 9131798 .       +       0
        Parent=Smp_135840.1
SM_V9_PAR2      iris    CDS     9131833 9131964 .       +       0
        Parent=Smp_135840.1
SM_V9_PAR2      iris    CDS     9131998 9132324 .       +       0
        Parent=Smp_135840.1
SM_V9_PAR2      iris    gene    9154874 9160853 .       -       .

ID=Smp_025130;geneID=Smp_025130;gene_name=Smp_025130;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    9154874 9160853 .       -       .

ID=Smp_025130.1;Parent=Smp_025130;geneID=Smp_025130;gene_name=Smp_02
5130;owner=irisadmin@local.host;orig_id=Smp_025130.1;date_last_modif
ied=2022-08-19;Name=Smp_025130.1;product=Pre-mRNA-splicing factor
RBM22;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    9154874 9155822 .       -       .
        Parent=Smp_025130.1;Name=b034f58d-4d4c-4664-
b4fc-84c4d2342213
SM_V9_PAR2      iris    exon    9157608 9158823 .       -       .
        Parent=Smp_025130.1;Name=41eb78b7-
e40a-44e9-8404-5238d093271b
SM_V9_PAR2      iris    exon    9160770 9160853 .       -       .

Parent=Smp_025130.1;Name=6e8eff5b-2c68-49d2-9f0f-1cb9dfc0dd6d
SM_V9_PAR2      iris    CDS     9155497 9155822 .       -       2
        Parent=Smp_025130.1
SM_V9_PAR2      iris    CDS     9157608 9158769 .       -       0
        Parent=Smp_025130.1
SM_V9_PAR2      Liftoff gene    9169200 9183861 .       -       .
        ID=Smp_135830;geneID=Smp_135830
SM_V9_PAR2      Liftoff mRNA    9169200 9183861 .       -       .

ID=Smp_135830.1;Parent=Smp_135830;geneID=Smp_135830;product=Protein
JSN1
SM_V9_PAR2      Liftoff exon    9169200 9169688 .       -       .
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff exon    9170284 9170493 .       -       .
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff exon    9179504 9179950 .       -       .
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff exon    9183545 9183616 .       -       .
        Parent=Smp_135830.1
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SM_V9_PAR2      Liftoff exon    9183653 9183861 .       -       .
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff CDS     9169561 9169688 .       -       2
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff CDS     9170284 9170493 .       -       2
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff CDS     9179504 9179950 .       -       2
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff CDS     9183545 9183616 .       -       2
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff CDS     9183653 9183761 .       -       0
        Parent=Smp_135830.1
SM_V9_PAR2      Liftoff gene    9191877 9206761 .       +       .
        ID=Smp_025100;geneID=Smp_025100
SM_V9_PAR2      Liftoff mRNA    9191877 9206761 .       +       .

ID=Smp_025100.1;Parent=Smp_025100;geneID=Smp_025100;product=U5 small
nuclear ribonucleoprotein 40 kDa
protein;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IP
R019775,IPR020472 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    9191877 9197353 .       +       .
        Parent=Smp_025100.1
SM_V9_PAR2      Liftoff exon    9203183 9203448 .       +       .
        Parent=Smp_025100.1
SM_V9_PAR2      Liftoff exon    9205011 9205250 .       +       .
        Parent=Smp_025100.1
SM_V9_PAR2      Liftoff exon    9206346 9206761 .       +       .
        Parent=Smp_025100.1
SM_V9_PAR2      Liftoff CDS     9197017 9197353 .       +       0
        Parent=Smp_025100.1
SM_V9_PAR2      Liftoff CDS     9203183 9203448 .       +       2
        Parent=Smp_025100.1
SM_V9_PAR2      Liftoff CDS     9205011 9205250 .       +       0
        Parent=Smp_025100.1
SM_V9_PAR2      Liftoff CDS     9206346 9206606 .       +       0
        Parent=Smp_025100.1
SM_V9_PAR2      iris    gene    9269504 9310798 .       +       .

ID=Smp_135820;geneID=Smp_135820;gene_name=Smp_135820;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    9269504 9310798 .       +       .

ID=Smp_135820.1;Parent=Smp_135820;geneID=Smp_135820;gene_name=Smp_13
5820;owner=irisadmin@local.host;orig_id=Smp_135820.1;date_last_modif
ied=2022-07-17;Name=Smp_135820.1;product=V-set and immunoglobulin
domain-containing protein 1;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    9269504 9269736 .       +       .
        Parent=Smp_135820.1;Name=5014cbe4-46d2-4c38-9c13-
e71e74efc735
SM_V9_PAR2      iris    exon    9296181 9296860 .       +       .
        Parent=Smp_135820.1;Name=acca08b5-
edd9-45d4-8b37-822ca3e1f506
SM_V9_PAR2      iris    exon    9302688 9302889 .       +       .
        Parent=Smp_135820.1;Name=1206cfae-44e6-499e-
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a90f-5a630176d6fd
SM_V9_PAR2      iris    exon    9303429 9303527 .       +       .
        Parent=Smp_135820.1;Name=6a5327aa-c87e-4316-
b306-8560407e6773
SM_V9_PAR2      iris    exon    9308667 9308795 .       +       .

Parent=Smp_135820.1;Name=fe1c5c97-7923-4166-8c50-72554c1a755a
SM_V9_PAR2      iris    exon    9308833 9309021 .       +       .
        Parent=Smp_135820.1;Name=00c220a3-3c16-4fde-a1d2-
a9d6f72dd747
SM_V9_PAR2      iris    exon    9310340 9310798 .       +       .

Parent=Smp_135820.1;Name=e82e7f2f-49a6-4300-85d0-8b77fde8c825
SM_V9_PAR2      iris    CDS     9269697 9269736 .       +       0
        Parent=Smp_135820.1
SM_V9_PAR2      iris    CDS     9296181 9296860 .       +       2
        Parent=Smp_135820.1
SM_V9_PAR2      iris    CDS     9302688 9302889 .       +       0
        Parent=Smp_135820.1
SM_V9_PAR2      iris    CDS     9303429 9303527 .       +       2
        Parent=Smp_135820.1
SM_V9_PAR2      iris    CDS     9308667 9308795 .       +       2
        Parent=Smp_135820.1
SM_V9_PAR2      iris    CDS     9308833 9309021 .       +       2
        Parent=Smp_135820.1
SM_V9_PAR2      iris    CDS     9310340 9310488 .       +       2
        Parent=Smp_135820.1
SM_V9_PAR2      Liftoff gene    9377856 9390070 .       -       .

ID=Smp_212060;geneID=Smp_212060;previous_systematic_id=Smp_135810
SM_V9_PAR2      Liftoff mRNA    9377856 9390070 .       -       .

ID=Smp_212060.1;Parent=Smp_212060;geneID=Smp_212060;product=28S
ribosomal protein S30,
mitochondrial;polypeptide_domain=InterPro:IPR010793
Pfam:PF07147;Ontology_term=GO:0003735,GO:0005739,GO:0005840,GO:00064
12
SM_V9_PAR2      Liftoff exon    9377856 9378127 .       -       .
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff exon    9382949 9383291 .       -       .
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff exon    9384782 9384977 .       -       .
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff exon    9385419 9385631 .       -       .
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff exon    9386322 9386481 .       -       .
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff exon    9387484 9388078 .       -       .
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff exon    9388654 9390070 .       -       .
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff CDS     9377954 9378127 .       -       0
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff CDS     9382949 9383291 .       -       1
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SM_V9_PAR2      Liftoff CDS     9385419 9385631 .       -       2
        Parent=Smp_212060.1
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        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff CDS     9387484 9388078 .       -       1
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff CDS     9388654 9388892 .       -       0
        Parent=Smp_212060.1
SM_V9_PAR2      Liftoff gene    9414384 9434928 .       +       .

ID=Smp_212030;geneID=Smp_212030;previous_systematic_id=Smp_025060
SM_V9_PAR2      Liftoff mRNA    9414384 9434928 .       +       .

ID=Smp_212030.1;Parent=Smp_212030;geneID=Smp_212030;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    9414384 9416224 .       +       .
        Parent=Smp_212030.1
SM_V9_PAR2      Liftoff exon    9416265 9416388 .       +       .
        Parent=Smp_212030.1
SM_V9_PAR2      Liftoff exon    9418407 9419341 .       +       .
        Parent=Smp_212030.1
SM_V9_PAR2      Liftoff exon    9421246 9421608 .       +       .
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SM_V9_PAR2      Liftoff exon    9426920 9427147 .       +       .
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SM_V9_PAR2      Liftoff CDS     9834307 9834430 .       -       1
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SM_V9_PAR2      Liftoff CDS     9901990 9902398 .       -       2
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SM_V9_PAR2      Liftoff CDS     9906254 9906320 .       -       0
        Parent=Smp_210510.1
SM_V9_PAR2      Liftoff CDS     9913918 9914085 .       -       0
        Parent=Smp_210510.1
SM_V9_PAR2      Liftoff CDS     9914119 9914256 .       -       0
        Parent=Smp_210510.1
SM_V9_PAR2      Liftoff gene    9940267 9942693 .       -       .

ID=Smp_210500;geneID=Smp_210500;previous_systematic_id=Smp_157090
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0,IPR025661 Pfam:PF00112,PF08246;Ontology_term=GO:0006508,GO:0008234
SM_V9_PAR2	Liftoff	exon	9940267	9940639	.	-	.
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SM_V9_PAR2	Liftoff	exon	9941709	9942264	.	-	.
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	Parent=Smp_210500.1
SM_V9_PAR2	Liftoff	CDS	9940428	9940639	.	-	2
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SM_V9_PAR2	Liftoff	CDS	9941709	9942264	.	-	0
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ID=Smp_157100;geneID=Smp_157100;gene_name=Smp_157100;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	9955517	9982393	.	+	.
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1;date_creation=2022-08-19
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	Parent=Smp_157100.1;Name=9eec9a9b-7bea-424c-
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SM_V9_PAR2	iris	exon	9960118	9960250	.	+	.
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SM_V9_PAR2	iris	exon	9960844	9960966	.	+	.
Parent=Smp_157100.1;Name=1bdf12a2-3083-4c3c-8327-431f01621234
SM_V9_PAR2	iris	exon	9963587	9963815	.	+	.
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SM_V9_PAR2	iris	exon	9965175	9965482	.	+	.
	Parent=Smp_157100.1;Name=ca8b53b3-c551-43e0-
ad00-1d9ce63a922c
SM_V9_PAR2	iris	exon	9967032	9967144	.	+	.
	Parent=Smp_157100.1;Name=750cc64a-5b1c-447d-afb2-
b13c2c1fb51a
SM_V9_PAR2	iris	exon	9973951	9974030	.	+	.
	Parent=Smp_157100.1;Name=c189321d-d45d-4fb1-
be8e-16d26436b43f
SM_V9_PAR2	iris	exon	9975327	9975512	.	+	.
	Parent=Smp_157100.1;Name=26818a53-484c-4934-b41c-
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cf7417a636fd
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        Parent=Smp_157100.1;Name=11785bc5-
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SM_V9_PAR2      iris    CDS     9955532 9955556 .       +       0
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SM_V9_PAR2      iris    CDS     9959847 9960085 .       +       2
        Parent=Smp_157100.1
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SM_V9_PAR2      iris    CDS     9960844 9960966 .       +       2
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        Parent=Smp_157100.1
SM_V9_PAR2      iris    CDS     9965175 9965482 .       +       1
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SM_V9_PAR2      iris    CDS     9979791 9980010 .       +       1
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bcce-911e1e3975c5
SM_V9_PAR2      iris    exon    9989787 9989926 .       -       .
        Parent=Smp_344830.1;Name=5ba01b42-e5fa-4f00-b6bb-
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SM_V9_PAR2      iris    CDS     9987733 9987843 .       -       0
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SM_V9_PAR2      iris    CDS     9989787 9989885 .       -       0
        Parent=Smp_344830.1
SM_V9_PAR2      Liftoff gene    10016407        10017191        .
        +       .       ID=Smp_323600;geneID=Smp_323600
SM_V9_PAR2      Liftoff mRNA    10016407        10017191        .
        +       .
ID=Smp_323600.1;Parent=Smp_323600;geneID=Smp_323600;product=ATP-
dependent zinc metalloprotease FTSH 7, chloroplastic
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SM_V9_PAR2      Liftoff CDS     10016846        10017064        .
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SM_V9_PAR2      Liftoff gene    10016415        10025253        .
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SM_V9_PAR2      Liftoff mRNA    10016415        10025253        .
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ID=Smp_064800.1;Parent=Smp_064800;geneID=Smp_064800;product=Ribonucl
ease P protein subunit p25;polypeptide_domain=InterPro:IPR002775
Pfam:PF01918;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    10016415        10020254        .
        +       .       Parent=Smp_064800.1
SM_V9_PAR2      Liftoff exon    10021548        10021739        .
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SM_V9_PAR2      Liftoff exon    10024769        10025253        .
        +       .       Parent=Smp_064800.1
SM_V9_PAR2      Liftoff CDS     10020096        10020254        .
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SM_V9_PAR2      Liftoff CDS     10021548        10021739        .
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SM_V9_PAR2      Liftoff CDS     10024769        10025134        .
        +       0       Parent=Smp_064800.1
SM_V9_PAR2      iris    gene    10025258        10051473        .
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SM_V9_PAR2      iris    mRNA    10025258        10051473        .
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ID=Smp_344840.1;Parent=Smp_344840;geneID=Smp_344840;gene_name=Smp_34
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ied=2022-08-19;Name=Smp_344840.1;product=Angiopoietin-1;date_creatio
n=2022-08-19
SM_V9_PAR2      iris    exon    10025258        10025715        .
        -       .       Parent=Smp_344840.1;Name=1d9652bb-18be-4b7a-
a501-a0c2d3a022b9
SM_V9_PAR2      iris    exon    10026981        10027172        .
        -       .       Parent=Smp_344840.1;Name=8a20f4ca-3109-4fdc-
b68a-099e132db578
SM_V9_PAR2      iris    exon    10029130        10029279        .
        -       .       Parent=Smp_344840.1;Name=a692905b-
a038-44e3-89ea-56e696a0d4b9
SM_V9_PAR2      iris    exon    10030070        10030132        .
        -       .       Parent=Smp_344840.1;Name=5f959a97-3721-4d7b-
a889-578177b00f46
SM_V9_PAR2      iris    exon    10031312        10031605        .
        -       .       Parent=Smp_344840.1;Name=33af89c8-2556-4b48-
bff0-5d7b18425636
SM_V9_PAR2      iris    exon    10034329        10034694        .
        -       .       Parent=Smp_344840.1;Name=22f03660-
c857-4507-81fe-be109e650e63
SM_V9_PAR2      iris    exon    10038717        10038887        .
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SM_V9_PAR2      iris    exon    10042922        10043084        .
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ab3a-e843c9c25ff9
SM_V9_PAR2      iris    exon    10045568        10045762        .
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SM_V9_PAR2      iris    exon    10047020        10047259        .
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Parent=Smp_344840.1;Name=25223ff7-1dd9-4b13-838c-9acaee15c25a
SM_V9_PAR2      iris    exon    10049773        10049853        .
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SM_V9_PAR2      iris    exon    10050947        10051155        .
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SM_V9_PAR2      iris    exon    10051195        10051473        .
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Parent=Smp_344840.1;Name=005cc73b-96a3-42cc-8be1-90b4620e6ab7
SM_V9_PAR2      iris    CDS     10025395        10025715        .
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SM_V9_PAR2      iris    CDS     10029130        10029279        .
        -       0       Parent=Smp_344840.1
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        -       0       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10031312        10031605        .
        -       0       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10034329        10034694        .
        -       0       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10038717        10038887        .
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SM_V9_PAR2      iris    CDS     10042922        10043084        .
        -       1       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10043865        10044019        .
        -       0       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10045568        10045762        .
        -       0       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10047020        10047259        .
        -       0       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10049773        10049853        .
        -       0       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10050947        10051155        .
        -       2       Parent=Smp_344840.1
SM_V9_PAR2      iris    CDS     10051195        10051213        .
        -       0       Parent=Smp_344840.1
SM_V9_PAR2      Liftoff gene    10062397        10063708        .
        +       .
ID=Smp_341020;geneID=Smp_341020;previous_systematic_id=Smp_064830
SM_V9_PAR2      Liftoff mRNA    10062397        10063708        .
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ID=Smp_341020.1;Parent=Smp_341020;geneID=Smp_341020;product=Survival
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of motor neuron-related-splicing factor
30;polypeptide_domain=InterPro:IPR002999
SM_V9_PAR2      Liftoff exon    10062397        10062490        .
        +       .       Parent=Smp_341020.1
SM_V9_PAR2      Liftoff exon    10062527        10062699        .
        +       .       Parent=Smp_341020.1
SM_V9_PAR2      Liftoff exon    10062734        10063708        .
        +       .       Parent=Smp_341020.1
SM_V9_PAR2      Liftoff CDS     10062437        10062490        .
        +       0       Parent=Smp_341020.1
SM_V9_PAR2      Liftoff CDS     10062527        10062699        .
        +       0       Parent=Smp_341020.1
SM_V9_PAR2      Liftoff CDS     10062734        10062869        .
        +       1       Parent=Smp_341020.1
SM_V9_PAR2      Liftoff gene    10065788        10108903        .
        -       .       ID=Smp_157140;geneID=Smp_157140
SM_V9_PAR2      Liftoff mRNA    10065788        10108903        .
        -       .
ID=Smp_157140.1;Parent=Smp_157140;geneID=Smp_157140;product=Nucleola
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Pfam:PF11707,PF16201
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SM_V9_PAR2      Liftoff exon    10068691        10068810        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10072446        10072561        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10073335        10073478        .
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SM_V9_PAR2      Liftoff exon    10081077        10081183        .
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SM_V9_PAR2      Liftoff exon    10083411        10083585        .
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SM_V9_PAR2      Liftoff exon    10089244        10089512        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10091770        10091872        .
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SM_V9_PAR2      Liftoff exon    10092965        10093139        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10095544        10095610        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10097502        10097615        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10097968        10098188        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10099583        10099700        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10099740        10099814        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10100538        10100652        .
        -       .       Parent=Smp_157140.1
SM_V9_PAR2      Liftoff exon    10102439        10102603        .
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SM_V9_PAR2	Liftoff	exon	10103549	10103695	.
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SM_V9_PAR2	Liftoff	exon	10107292	10107493	.
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SM_V9_PAR2	Liftoff	exon	10107727	10107980	.
	-	.	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	exon	10108015	10108094	.
	-	.	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	exon	10108130	10108520	.
	-	.	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	exon	10108554	10108684	.
	-	.	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	exon	10108719	10108903	.
	-	.	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10065901	10065958	.
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SM_V9_PAR2	Liftoff	CDS	10068691	10068810	.
	-	1	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10072446	10072561	.
	-	0	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10073335	10073478	.
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SM_V9_PAR2	Liftoff	CDS	10083411	10083585	.
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	-	2	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10091770	10091872	.
	-	0	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10092965	10093139	.
	-	1	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10095544	10095610	.
	-	2	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10097502	10097615	.
	-	2	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10097968	10098188	.
	-	1	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10099583	10099700	.
	-	2	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10099740	10099814	.
	-	2	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10100538	10100652	.
	-	0	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10102439	10102603	.
	-	0	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10103549	10103695	.
	-	0	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10107292	10107493	.
	-	1	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10107727	10107980	.
	-	0	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10108015	10108094	.
	-	2	Parent=Smp_157140.1
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SM_V9_PAR2	Liftoff	CDS	10108130	10108520	.
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SM_V9_PAR2	Liftoff	CDS	10108554	10108684	.
	-	2	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	CDS	10108719	10108779	.
	-	0	Parent=Smp_157140.1
SM_V9_PAR2	Liftoff	gene	10113437	10121822	.
	+	.	ID=Smp_064860;geneID=Smp_064860
SM_V9_PAR2	Liftoff	mRNA	10113437	10121822	.
	+	.
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1;polypeptide_domain=InterPro:IPR001440,IPR006636,IPR011990,IPR01302
6,IPR019734 Pfam:PF00515,PF13181,PF13414;Ontology_term=GO:0005515
SM_V9_PAR2	Liftoff	exon	10113437	10114196	.
	+	.	Parent=Smp_064860.1
SM_V9_PAR2	Liftoff	exon	10121313	10121822	.
	+	.	Parent=Smp_064860.1
SM_V9_PAR2	Liftoff	CDS	10113499	10114196	.
	+	0	Parent=Smp_064860.1
SM_V9_PAR2	Liftoff	CDS	10121313	10121574	.
	+	1	Parent=Smp_064860.1
SM_V9_PAR2	Liftoff	gene	10123331	10143503	.
	-	.	ID=Smp_064870;geneID=Smp_064870
SM_V9_PAR2	Liftoff	mRNA	10123331	10143503	.
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ID=Smp_064870.1;Parent=Smp_064870;geneID=Smp_064870;product=Cytoplas
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chain;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR0
25956 Pfam:PF11540;Ontology_term=GO:0005515,GO:0005868,GO:0007018
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SM_V9_PAR2	Liftoff	exon	10124721	10124846	.
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SM_V9_PAR2	Liftoff	exon	10130994	10131279	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	exon	10134902	10135204	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	exon	10135597	10135914	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	exon	10139244	10139397	.
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SM_V9_PAR2	Liftoff	exon	10142384	10142533	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	exon	10142853	10142924	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	exon	10142957	10142977	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	exon	10143013	10143146	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	exon	10143182	10143503	.
	-	.	Parent=Smp_064870.1
SM_V9_PAR2	Liftoff	CDS	10123506	10123652	.
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SM_V9_PAR2      Liftoff CDS     10134902        10135204        .
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SM_V9_PAR2      Liftoff CDS     10135597        10135914        .
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SM_V9_PAR2      Liftoff CDS     10142853        10142924        .
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SM_V9_PAR2      Liftoff CDS     10143013        10143146        .
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SM_V9_PAR2      Liftoff CDS     10143182        10143450        .
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SM_V9_PAR2      iris    mRNA    10186355        10213220        .
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ID=Smp_157150.1;Parent=Smp_157150;geneID=Smp_157150;gene_name=Smp_15
7150;owner=irisadmin@local.host;orig_id=Smp_157150.1;date_last_modif
ied=2022-08-19;Name=Smp_157150.1;product=AT-rich interactive domain-
containing protein 2;date_creation=2022-08-19
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        -       .       Parent=Smp_157150.1;Name=f2cd9341-53df-4b00-
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SM_V9_PAR2      iris    exon    10189084        10189523        .
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SM_V9_PAR2      iris    exon    10195801        10196371        .
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b8c8-dece5e10198f
SM_V9_PAR2      iris    exon    10197395        10197615        .
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SM_V9_PAR2      iris    exon    10198334        10198416        .
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SM_V9_PAR2      iris    exon    10198451        10198563        .
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SM_V9_PAR2      iris    exon    10198692        10199416        .
        -       .       Parent=Smp_157150.1;Name=af98c8b7-9d6a-4d29-
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SM_V9_PAR2      iris    exon    10200088        10200710        .
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SM_V9_PAR2      iris    exon    10211800        10211866        .
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SM_V9_PAR2      iris    exon    10211900        10211934        .
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SM_V9_PAR2      iris    exon    10211984        10212272        .
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Parent=Smp_157150.1;Name=be3077a6-75e0-45ea-9986-8f5f4f494144
SM_V9_PAR2      iris    exon    10212311        10212511        .
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Parent=Smp_157150.1;Name=7ef6a6d9-0d1c-4a84-8386-1ad99a825e40
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SM_V9_PAR2      iris    CDS     10187166        10187337        .
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SM_V9_PAR2      iris    CDS     10195801        10196371        .
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SM_V9_PAR2      iris    CDS     10197395        10197615        .
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SM_V9_PAR2      iris    CDS     10198692        10199416        .
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SM_V9_PAR2      iris    CDS     10200088        10200710        .
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SM_V9_PAR2      iris    CDS     10206222        10206560        .
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SM_V9_PAR2      iris    CDS     10211800        10211866        .
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SM_V9_PAR2      iris    CDS     10211900        10211934        .
        -       2       Parent=Smp_157150.1
SM_V9_PAR2      iris    CDS     10211984        10212272        .
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SM_V9_PAR2      iris    CDS     10212311        10212511        .
        -       0       Parent=Smp_157150.1
SM_V9_PAR2      iris    CDS     10212550        10212646        .
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SM_V9_PAR2      iris    CDS     10212684        10212793        .
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Pfam:PF16969;Ontology_term=GO:0003723,GO:0005047,GO:0005786,GO:00066
14,GO:0008312,GO:0030942
SM_V9_PAR2      Liftoff exon    10213324        10216888        .
        +       .       Parent=Smp_157160.1
SM_V9_PAR2      Liftoff exon    10221587        10221708        .
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SM_V9_PAR2      Liftoff exon    10221756        10222058        .
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SM_V9_PAR2      Liftoff exon    10224468        10224818        .
        +       .       Parent=Smp_157160.1
SM_V9_PAR2      Liftoff exon    10224904        10225113        .
        +       .       Parent=Smp_157160.1
SM_V9_PAR2      Liftoff exon    10225800        10226089        .
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SM_V9_PAR2      Liftoff exon    10227536        10227857        .
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SM_V9_PAR2      Liftoff exon    10228328        10228898        .
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SM_V9_PAR2      Liftoff CDS     10216843        10216888        .
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SM_V9_PAR2      Liftoff CDS     10221587        10221708        .
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SM_V9_PAR2      Liftoff CDS     10221756        10222058        .
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SM_V9_PAR2      Liftoff CDS     10224468        10224818        .
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SM_V9_PAR2      Liftoff CDS     10224904        10225113        .
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SM_V9_PAR2      Liftoff CDS     10225800        10226089        .
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SM_V9_PAR2      Liftoff CDS     10227536        10227857        .
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SM_V9_PAR2      Liftoff CDS     10228328        10228597        .
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ID=Smp_244420.1;Parent=Smp_244420;geneID=Smp_244420;gene_name=Smp_24
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ied=2022-07-17;Name=Smp_244420.1;product=Hypothetical
protein;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    10240648        10240827        .
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SM_V9_PAR2	iris	exon	10299840	10300041	.
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SM_V9_PAR2	iris	exon	10326464	10326941	.
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SM_V9_PAR2	iris	exon	10328906	10331031	.
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SM_V9_PAR2	iris	CDS	10299840	10300041	.
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SM_V9_PAR2	iris	CDS	10328906	10329982	.
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ID=Smp_244430;geneID=Smp_244430;previous_systematic_id=Smp_157180,Sm
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SM_V9_PAR2	Liftoff	exon	10346884	10347003	.
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SM_V9_PAR2	Liftoff	exon	10347036	10347116	.
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SM_V9_PAR2	Liftoff	exon	10347136	10347238	.
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SM_V9_PAR2	Liftoff	exon	10347272	10347385	.
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SM_V9_PAR2	Liftoff	exon	10347873	10347952	.
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SM_V9_PAR2	Liftoff	exon	10352343	10352511	.
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SM_V9_PAR2      Liftoff CDS     10368352        10368600        .
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SM_V9_PAR2      Liftoff gene    10396102        10397870        .
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ID=Smp_157210.1;Parent=Smp_157210;geneID=Smp_157210;product=Hypothet
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        -       .       ID=Smp_157220;geneID=Smp_157220
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SM_V9_PAR2      Liftoff exon    10410527        10410661        .
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SM_V9_PAR2      Liftoff exon    10411911        10412378        .
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SM_V9_PAR2      Liftoff exon    10425823        10425968        .
        -       .       Parent=Smp_157220.1
SM_V9_PAR2      Liftoff exon    10427883        10428206        .
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SM_V9_PAR2      Liftoff exon    10428337        10428655        .
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SM_V9_PAR2      Liftoff exon    10430902        10431196        .
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SM_V9_PAR2      Liftoff exon    10436409        10436668        .
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SM_V9_PAR2      Liftoff exon    10438676        10439047        .
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SM_V9_PAR2      Liftoff exon    10440449        10440818        .
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SM_V9_PAR2      Liftoff exon    10442322        10442754        .
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        -       .       Parent=Smp_157220.1
SM_V9_PAR2      Liftoff exon    10444259        10444323        .
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        -       .       Parent=Smp_157220.1
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SM_V9_PAR2      Liftoff exon    10444913        10444990        .
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SM_V9_PAR2      Liftoff exon    10445025        10445088        .
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SM_V9_PAR2      Liftoff exon    10445127        10445200        .
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SM_V9_PAR2      Liftoff CDS     10418431        10418516        .
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SM_V9_PAR2      Liftoff CDS     10420639        10420935        .
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        -       1       Parent=Smp_157220.1
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SM_V9_PAR2      Liftoff CDS     10432599        10433023        .
        -       1       Parent=Smp_157220.1
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        -       0       Parent=Smp_157220.1
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        -       2       Parent=Smp_157220.1
SM_V9_PAR2      Liftoff CDS     10438676        10439047        .
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SM_V9_PAR2      Liftoff CDS     10440449        10440818        .
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        -       0       Parent=Smp_157220.1
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SM_V9_PAR2      Liftoff CDS     10444587        10444658        .
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        -       0       Parent=Smp_157220.1
SM_V9_PAR2      Liftoff CDS     10444913        10444990        .
        -       0       Parent=Smp_157220.1
SM_V9_PAR2      Liftoff CDS     10445025        10445088        .
        -       1       Parent=Smp_157220.1
SM_V9_PAR2      Liftoff CDS     10445127        10445200        .
        -       0       Parent=Smp_157220.1
SM_V9_PAR2      Liftoff CDS     10445235        10445291        .
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        -       .       ID=Smp_064950;geneID=Smp_064950
SM_V9_PAR2      Liftoff mRNA    10476008        10480100        .
        -       .
ID=Smp_064950.1;Parent=Smp_064950;geneID=Smp_064950;product=calcineu
rin b;evidence=Traceable Author
Statement;literature=PMID:11071287;polypeptide_domain=InterPro:IPR00
2048,IPR011992,IPR018247 Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_PAR2      Liftoff exon    10476008        10476851        .
        -       .       Parent=Smp_064950.1
SM_V9_PAR2      Liftoff exon    10479719        10480100        .
        -       .       Parent=Smp_064950.1
SM_V9_PAR2      Liftoff CDS     10476681        10476851        .
        -       0       Parent=Smp_064950.1
SM_V9_PAR2      Liftoff CDS     10479719        10480057        .
        -       0       Parent=Smp_064950.1
SM_V9_PAR2      iris    gene    10490534        10515797        .
        +       .
ID=Smp_157230;geneID=Smp_157230;gene_name=Smp_157230;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    10490534        10515797        .
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ID=Smp_157230.1;Parent=Smp_157230;geneID=Smp_157230;gene_name=Smp_15
7230;owner=irisadmin@local.host;orig_id=Smp_157230.1;date_last_modif
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phosphosulfate transporter 2;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    10490534        10490801        .
        +       .       Parent=Smp_157230.1;Name=6a5747c3-9c61-4119-
bf28-0e3a9dc34465
SM_V9_PAR2      iris    exon    10495431        10495552        .
        +       .       Parent=Smp_157230.1;Name=bcd8234f-214c-4569-
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SM_V9_PAR2      iris    exon    10495602        10495756        .
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Parent=Smp_157230.1;Name=01ecf483-58fe-4186-9b41-fce5001696c4
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Parent=Smp_157230.1;Name=9e859dc7-7da0-4e28-835f-29c91d3093bc
SM_V9_PAR2      iris    exon    10500833        10500930        .
        +       .       Parent=Smp_157230.1;Name=b4714de5-ff48-4b0e-
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SM_V9_PAR2      iris    exon    10501724        10501816        .
        +       .       Parent=Smp_157230.1;Name=8bba9cba-26bd-4287-
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SM_V9_PAR2      iris    exon    10503925        10504036        .
        +       .
Parent=Smp_157230.1;Name=d26ecd87-358e-4e27-80b3-623b07645fac
SM_V9_PAR2      iris    exon    10508760        10508829        .
        +       .       Parent=Smp_157230.1;Name=9885dd77-
da04-4ba6-9ded-715e82baf9d7
SM_V9_PAR2      iris    exon    10515297        10515797        .
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Parent=Smp_157230.1;Name=3bfbaf35-4c1d-4259-9d37-12e6b8a42a90
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SM_V9_PAR2      iris    CDS     10495793        10495900        .
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SM_V9_PAR2      iris    CDS     10500833        10500930        .
        +       2       Parent=Smp_157230.1
SM_V9_PAR2      iris    CDS     10501724        10501816        .
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SM_V9_PAR2      iris    CDS     10503925        10504036        .
        +       0       Parent=Smp_157230.1
SM_V9_PAR2      iris    CDS     10508760        10508829        .
        +       2       Parent=Smp_157230.1
SM_V9_PAR2      iris    CDS     10515297        10515444        .
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SM_V9_PAR2      iris    gene    10533681        10545908        .
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SM_V9_PAR2      iris    mRNA    10533681        10545908        .
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b781-738724b1a85f
SM_V9_PAR2      iris    exon    10536109        10536317        .
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Parent=Smp_001940.1;Name=fae74bff-0fc9-4d94-8e7f-4310bfe977a1
SM_V9_PAR2      iris    exon    10536525        10536633        .
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Parent=Smp_001940.1;Name=0633b345-81c7-4a54-8c5b-d4393babb9c2
SM_V9_PAR2      iris    exon    10539046        10539146        .
        -       .       Parent=Smp_001940.1;Name=e283817c-8d83-4e27-
b2d7-4e541517292c
SM_V9_PAR2      iris    exon    10541136        10541326        .
        -       .       Parent=Smp_001940.1;Name=226f9745-a1df-4660-
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SM_V9_PAR2      iris    exon    10541390        10541499        .
        -       .       Parent=Smp_001940.1;Name=2eca1b67-c89e-44b4-
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SM_V9_PAR2      iris    exon    10545836        10545908        .
        -       .       Parent=Smp_001940.1;Name=ec290c81-b7d8-49b0-
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SM_V9_PAR2      iris    CDS     10533878        10534098        .
        -       2       Parent=Smp_001940.1
SM_V9_PAR2      iris    CDS     10536109        10536317        .
        -       1       Parent=Smp_001940.1
SM_V9_PAR2      iris    CDS     10536525        10536633        .
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        -       2       Parent=Smp_001940.1
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SM_V9_PAR2      iris    CDS     10541136        10541326        .
        -       0       Parent=Smp_001940.1
SM_V9_PAR2      iris    CDS     10541390        10541479        .
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ID=Smp_046160.1;Parent=Smp_046160;geneID=Smp_046160;gene_name=Smp_04
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        +       .       Parent=Smp_046160.1;Name=f68ab39d-dd49-4aee-
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SM_V9_PAR2      iris    exon    10564692        10565278        .
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        +       0       Parent=Smp_046160.1
SM_V9_PAR2      iris    CDS     10564692        10564991        .
        +       0       Parent=Smp_046160.1
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        +       .       ID=Smp_046140;geneID=Smp_046140
SM_V9_PAR2      Liftoff mRNA    10674463        10701815        .
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Pfam:PF00069;Ontology_term=GO:0004672,GO:0005515,GO:0005524,GO:00064
68
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SM_V9_PAR2      Liftoff exon    10675069        10675198        .
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SM_V9_PAR2      Liftoff exon    10675235        10675308        .
        +       .       Parent=Smp_046140.1
SM_V9_PAR2      Liftoff exon    10675353        10675578        .
        +       .       Parent=Smp_046140.1
SM_V9_PAR2      Liftoff exon    10677304        10677505        .
        +       .       Parent=Smp_046140.1
SM_V9_PAR2      Liftoff exon    10678808        10679124        .
        +       .       Parent=Smp_046140.1
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SM_V9_PAR2	Liftoff	exon	10695417	10695583	.
	+	.	Parent=Smp_046140.1
SM_V9_PAR2	Liftoff	exon	10697459	10697651	.
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SM_V9_PAR2	Liftoff	exon	10698579	10698702	.
	+	.	Parent=Smp_046140.1
SM_V9_PAR2	Liftoff	exon	10700059	10700348	.
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SM_V9_PAR2	Liftoff	exon	10701214	10701815	.
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SM_V9_PAR2	Liftoff	CDS	10674512	10674817	.
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SM_V9_PAR2	Liftoff	CDS	10674855	10675034	.
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SM_V9_PAR2	Liftoff	CDS	10675069	10675198	.
	+	0	Parent=Smp_046140.1
SM_V9_PAR2	Liftoff	CDS	10675235	10675308	.
	+	2	Parent=Smp_046140.1
SM_V9_PAR2	Liftoff	CDS	10675353	10675578	.
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SM_V9_PAR2	Liftoff	CDS	10677304	10677505	.
	+	2	Parent=Smp_046140.1
SM_V9_PAR2	Liftoff	CDS	10678808	10679124	.
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SM_V9_PAR2	Liftoff	CDS	10684258	10684274	.
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SM_V9_PAR2	Liftoff	CDS	10693404	10693916	.
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SM_V9_PAR2	Liftoff	CDS	10695417	10695583	.
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SM_V9_PAR2	Liftoff	CDS	10697459	10697651	.
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SM_V9_PAR2	Liftoff	CDS	10698579	10698702	.
	+	0	Parent=Smp_046140.1
SM_V9_PAR2	Liftoff	CDS	10700059	10700348	.
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SM_V9_PAR2	Liftoff	CDS	10700796	10701126	.
	+	0	Parent=Smp_046140.1
SM_V9_PAR2	Liftoff	CDS	10701214	10701560	.
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ID=Smp_046130;geneID=Smp_046130;gene_name=Smp_046130;owner=irisadmin
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        -       .       Parent=Smp_046130.1;Name=79e99d0d-
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        -       .       Parent=Smp_046130.1;Name=4b442795-
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SM_V9_PAR2      iris    exon    10708486        10708559        .
        -       .       Parent=Smp_046130.1;Name=adf53cbe-
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SM_V9_PAR2      iris    exon    10710456        10710558        .
        -       .       Parent=Smp_046130.1;Name=a1bc8af3-
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SM_V9_PAR2      iris    exon    10711763        10712599        .
        -       .       Parent=Smp_046130.1;Name=389aaeec-146e-4c05-
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        -       .       Parent=Smp_046130.1;Name=1a3f182f-2164-4f1a-
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SM_V9_PAR2      iris    exon    10712873        10712919        .
        -       .       Parent=Smp_046130.1;Name=1f19cc2a-9acb-417a-
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SM_V9_PAR2      iris    exon    10712955        10713093        .
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SM_V9_PAR2      iris    exon    10713136        10713184        .
        -       .       Parent=Smp_046130.1;Name=0a7f193b-d358-4061-
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SM_V9_PAR2      iris    exon    10713227        10713470        .
        -       .
Parent=Smp_046130.1;Name=d642b02f-7292-4171-9666-ea7cbe5f92c6
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        -       2       Parent=Smp_046130.1
SM_V9_PAR2      iris    CDS     10704046        10704095        .
        -       1       Parent=Smp_046130.1
SM_V9_PAR2      iris    CDS     10705276        10705390        .
        -       2       Parent=Smp_046130.1
SM_V9_PAR2      iris    CDS     10708486        10708559        .
        -       1       Parent=Smp_046130.1
SM_V9_PAR2      iris    CDS     10710456        10710558        .
        -       2       Parent=Smp_046130.1
SM_V9_PAR2      iris    CDS     10711763        10712599        .
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SM_V9_PAR2      iris    CDS     10712641        10712836        .
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SM_V9_PAR2      iris    CDS     10712873        10712919        .
        -       2       Parent=Smp_046130.1
SM_V9_PAR2      iris    CDS     10712955        10713093        .
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SM_V9_PAR2      iris    CDS     10713136        10713184        .
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ID=Smp_046120;geneID=Smp_046120;gene_name=Smp_046120;owner=irisadmin
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ied=2022-07-17;Name=Smp_046120.1;product=Vesicular acetylcholine
transporter;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    10746999        10747138        .
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SM_V9_PAR2      Liftoff mRNA    10763684        10827711        .
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O-acetyltransferase;polypeptide_domain=InterPro:IPR000542
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SM_V9_PAR2      Liftoff exon    10773164        10773358        .
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SM_V9_PAR2      Liftoff exon    10776349        10776467        .
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SM_V9_PAR2      Liftoff exon    10787693        10787746        .
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SM_V9_PAR2      Liftoff exon    10792738        10792933        .
        +       .       Parent=Smp_146910.1
SM_V9_PAR2      Liftoff exon    10793826        10794067        .
        +       .       Parent=Smp_146910.1
SM_V9_PAR2      Liftoff exon    10812103        10812203        .
        +       .       Parent=Smp_146910.1
SM_V9_PAR2      Liftoff exon    10812880        10813011        .
        +       .       Parent=Smp_146910.1
SM_V9_PAR2      Liftoff exon    10817316        10817438        .
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SM_V9_PAR2      Liftoff exon    10820439        10820577        .
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SM_V9_PAR2      Liftoff exon    10822702        10822902        .
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SM_V9_PAR2      Liftoff CDS     10820439        10820577        .
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SM_V9_PAR2      Liftoff mRNA    10832430        10842027        .
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4;polypeptide_domain=InterPro:IPR009866
Pfam:PF07225;Ontology_term=GO:0005739,GO:0008137
SM_V9_PAR2      Liftoff exon    10832430        10832741        .
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SM_V9_PAR2      Liftoff exon    10837616        10837756        .
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SM_V9_PAR2      Liftoff CDS     10837616        10837756        .
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SM_V9_PAR2      Liftoff CDS     10841749        10841910        .
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SM_V9_PAR2      iris    gene    10862044        10876020        .
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ID=Smp_046090;geneID=Smp_046090;gene_name=Smp_046090;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    10862044        10876020        .
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ID=Smp_046090.1;Parent=Smp_046090;geneID=Smp_046090;gene_name=Smp_04
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theta;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    10862044        10862201        .
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Parent=Smp_046090.1;Name=6258e326-596c-415e-9932-81500d62b88d
SM_V9_PAR2      iris    exon    10862237        10862539        .
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Parent=Smp_046090.1;Name=cb0451db-5118-4f51-9e92-fa3945832c34
SM_V9_PAR2      iris    exon    10862573        10862642        .
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SM_V9_PAR2      iris    exon    10862679        10862807        .
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Parent=Smp_046090.1;Name=3ea0f37e-70b1-4e54-9892-e15d09940007
SM_V9_PAR2      iris    exon    10862842        10862903        .
        +       .       Parent=Smp_046090.1;Name=bace0422-7944-45d7-
a4b2-b3021a123972
SM_V9_PAR2      iris    exon    10867319        10867528        .
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Parent=Smp_046090.1;Name=97eaefe8-0e50-47b0-8af3-a22a5d69f445
SM_V9_PAR2      iris    exon    10870859        10871120        .
        +       .       Parent=Smp_046090.1;Name=535b9aea-a2f6-4296-
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SM_V9_PAR2      iris    exon    10871213        10871493        .
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SM_V9_PAR2      iris    exon    10874991        10875185        .
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SM_V9_PAR2      iris    CDS     10862842        10862903        .
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SM_V9_PAR2      iris    mRNA    10877454        10882766        .
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ID=Smp_146900.1;Parent=Smp_146900;geneID=Smp_146900;gene_name=Smp_14
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ied=2022-07-17;Name=Smp_146900.1;product=DnaJ homolog subfamily C
member 11;date_creation=2022-07-17
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ba9b-3f8cb1f69208
SM_V9_PAR2      iris    exon    10880755        10880970        .
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Parent=Smp_146900.1;Name=a0da5622-70ee-4353-8f80-5ecdae7926ac
SM_V9_PAR2      iris    exon    10881099        10882766        .
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SM_V9_PAR2      iris    CDS     10877531        10877918        .
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SM_V9_PAR2      iris    CDS     10878980        10879158        .
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SM_V9_PAR2      Liftoff mRNA    10896624        10930868        .
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ID=Smp_046060.1;Parent=Smp_046060;geneID=Smp_046060;product=Myosin-1
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Pfam:PF00063,PF01576,PF02736;Ontology_term=GO:0003774,GO:0005515,GO:
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SM_V9_PAR2      Liftoff exon    10897456        10897483        .
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SM_V9_PAR2      Liftoff exon    10897519        10897639        .
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SM_V9_PAR2      Liftoff exon    10898497        10898514        .
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SM_V9_PAR2      Liftoff exon    10903994        10904057        .
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SM_V9_PAR2	Liftoff	exon	10908626	10908897	.
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SM_V9_PAR2	Liftoff	exon	10911608	10911871	.
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SM_V9_PAR2	Liftoff	exon	10912740	10913099	.
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SM_V9_PAR2	Liftoff	exon	10914074	10914270	.
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SM_V9_PAR2	Liftoff	exon	10915554	10915688	.
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SM_V9_PAR2	Liftoff	exon	10916888	10917597	.
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SM_V9_PAR2	Liftoff	exon	10923348	10923820	.
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SM_V9_PAR2	Liftoff	CDS	10897456	10897483	.
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SM_V9_PAR2	Liftoff	CDS	10897519	10897639	.
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SM_V9_PAR2	Liftoff	CDS	10898497	10898514	.
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SM_V9_PAR2	Liftoff	CDS	10898673	10898765	.
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SM_V9_PAR2	Liftoff	CDS	10903994	10904057	.
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SM_V9_PAR2	Liftoff	CDS	10905098	10905193	.
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SM_V9_PAR2	Liftoff	CDS	10908626	10908897	.
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SM_V9_PAR2	Liftoff	CDS	10909764	10909934	.
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SM_V9_PAR2	Liftoff	CDS	10911608	10911871	.
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SM_V9_PAR2	Liftoff	CDS	10912740	10913099	.
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SM_V9_PAR2	Liftoff	CDS	10914074	10914270	.
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SM_V9_PAR2	Liftoff	CDS	10914723	10914900	.
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SM_V9_PAR2	Liftoff	CDS	10915554	10915688	.
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SM_V9_PAR2	Liftoff	CDS	10915808	10915936	.
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SM_V9_PAR2	Liftoff	CDS	10916888	10917597	.
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SM_V9_PAR2	Liftoff	CDS	10920928	10921303	.
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SM_V9_PAR2	Liftoff	CDS	10921844	10922011	.
	+	0	Parent=Smp_046060.1
SM_V9_PAR2	Liftoff	CDS	10922843	10923256	.
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SM_V9_PAR2	Liftoff	CDS	10923348	10923820	.
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SM_V9_PAR2	Liftoff	CDS	10924224	10924415	.
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SM_V9_PAR2	Liftoff	CDS	10925447	10925661	.
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9,IPR027417
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SM_V9_PAR2	Liftoff	exon	10896624	10897229	.
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SM_V9_PAR2	Liftoff	exon	10897264	10897420	.
	+	.	Parent=Smp_046060.2
SM_V9_PAR2	Liftoff	exon	10897456	10897483	.
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SM_V9_PAR2	Liftoff	exon	10897519	10897639	.
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SM_V9_PAR2      Liftoff exon    10904710        10904952        .
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SM_V9_PAR2      Liftoff exon    10908626        10908897        .
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SM_V9_PAR2      Liftoff exon    10909764        10909934        .
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SM_V9_PAR2      Liftoff exon    10911608        10911871        .
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SM_V9_PAR2      Liftoff exon    10912740        10913099        .
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SM_V9_PAR2      Liftoff exon    10915554        10915688        .
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SM_V9_PAR2      Liftoff exon    10915808        10915936        .
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SM_V9_PAR2      Liftoff exon    10916888        10917597        .
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SM_V9_PAR2      Liftoff exon    10918919        10919095        .
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SM_V9_PAR2      Liftoff exon    10920928        10921303        .
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SM_V9_PAR2      Liftoff exon    10921844        10922011        .
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SM_V9_PAR2      Liftoff exon    10922843        10923256        .
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SM_V9_PAR2      Liftoff exon    10923348        10923820        .
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SM_V9_PAR2      Liftoff exon    10923914        10924121        .
        +       .       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff exon    10924224        10924415        .
        +       .       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff exon    10925447        10925661        .
        +       .       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff exon    10929806        10930868        .
        +       .       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10896888        10897229        .
        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10897264        10897420        .
        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10897456        10897483        .
        +       2       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10897519        10897639        .
        +       1       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10898673        10898765        .
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        +       0       Parent=Smp_046060.2
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        +       0       Parent=Smp_046060.2
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        +       2       Parent=Smp_046060.2
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        +       2       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10908626        10908897        .
        +       2       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10909764        10909934        .
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        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10912740        10913099        .
        +       0       Parent=Smp_046060.2
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        +       0       Parent=Smp_046060.2
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        +       0       Parent=Smp_046060.2
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        +       0       Parent=Smp_046060.2
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SM_V9_PAR2      Liftoff CDS     10921844        10922011        .
        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10922843        10923256        .
        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10923348        10923820        .
        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10923914        10924121        .
        +       1       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10924224        10924415        .
        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10925447        10925661        .
        +       0       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff CDS     10929806        10929989        .
        +       1       Parent=Smp_046060.2
SM_V9_PAR2      Liftoff gene    10985144        10991161        .
        -       .       ID=Smp_244440;geneID=Smp_244440
SM_V9_PAR2      Liftoff mRNA    10985144        10991161        .
        -       .
ID=Smp_244440.1;Parent=Smp_244440;geneID=Smp_244440;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    10985144        10986085        .
        -       .       Parent=Smp_244440.1
SM_V9_PAR2      Liftoff exon    10991083        10991161        .
        -       .       Parent=Smp_244440.1
SM_V9_PAR2      Liftoff CDS     10985966        10986085        .
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        -       0       Parent=Smp_244440.1
SM_V9_PAR2      Liftoff CDS     10991083        10991091        .
        -       0       Parent=Smp_244440.1
SM_V9_PAR2      iris    gene    10995814        11010385        .
        +       .
ID=Smp_046030;geneID=Smp_046030;gene_name=Smp_046030;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    10995814        11010385        .
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ID=Smp_046030.1;Parent=Smp_046030;geneID=Smp_046030;gene_name=Smp_04
6030;owner=irisadmin@local.host;orig_id=Smp_046030.1;date_last_modif
ied=2022-08-19;Name=Smp_046030.1;product=U6 snRNA-associated Sm-like
protein LSm1;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    10995814        10995901        .
        +       .
Parent=Smp_046030.1;Name=b3af4eaf-44a0-48b9-9eef-21c9f81f562d
SM_V9_PAR2      iris    exon    11006224        11006281        .
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Parent=Smp_046030.1;Name=68ed6a9a-314d-4ce9-9ebd-2155bb8c5493
SM_V9_PAR2      iris    exon    11006318        11006386        .
        +       .       Parent=Smp_046030.1;Name=f1c9f963-85fe-4f91-
acf1-a4fa998bfc86
SM_V9_PAR2      iris    exon    11006420        11006535        .
        +       .       Parent=Smp_046030.1;Name=5bb9d61f-
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SM_V9_PAR2      iris    exon    11010047        11010385        .
        +       .       Parent=Smp_046030.1;Name=90490892-f643-40a5-
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SM_V9_PAR2      iris    CDS     11006224        11006281        .
        +       0       Parent=Smp_046030.1
SM_V9_PAR2      iris    CDS     11006318        11006386        .
        +       2       Parent=Smp_046030.1
SM_V9_PAR2      iris    CDS     11006420        11006535        .
        +       2       Parent=Smp_046030.1
SM_V9_PAR2      iris    CDS     11010047        11010220        .
        +       0       Parent=Smp_046030.1
SM_V9_PAR2      Liftoff gene    11010913        11019360        .
        -       .       ID=Smp_046020;geneID=Smp_046020
SM_V9_PAR2      Liftoff mRNA    11010913        11019360        .
        -       .
ID=Smp_046020.1;Parent=Smp_046020;geneID=Smp_046020;product=protein
phosphatase 1 regulatory subunit 7;evidence=Traceable Author
Statement;literature=PMID:16411888;polypeptide_domain=InterPro:IPR00
1611,IPR003591,IPR003603,IPR025875,IPR032675
Pfam:PF12799;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    11010913        11011496        .
        -       .       Parent=Smp_046020.1
SM_V9_PAR2      Liftoff exon    11012973        11013284        .
        -       .       Parent=Smp_046020.1
SM_V9_PAR2      Liftoff exon    11018899        11019360        .
        -       .       Parent=Smp_046020.1
SM_V9_PAR2      Liftoff CDS     11011098        11011496        .
        -       0       Parent=Smp_046020.1
SM_V9_PAR2      Liftoff CDS     11012973        11013284        .
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        -       0       Parent=Smp_046020.1
SM_V9_PAR2      Liftoff CDS     11018899        11019171        .
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SM_V9_PAR2      iris    gene    11056284        11094749        .
        -       .
ID=Smp_045990;geneID=Smp_045990;gene_name=Smp_045990;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    11056284        11094749        .
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ID=Smp_045990.1;Parent=Smp_045990;geneID=Smp_045990;gene_name=Smp_04
5990;owner=irisadmin@local.host;orig_id=Smp_045990.1;date_last_modif
ied=2022-07-17;Name=Smp_045990.1;product=GTP-binding protein Di-
Ras2;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    11056284        11057109        .
        -       .
Parent=Smp_045990.1;Name=15622e5c-284f-4ba8-9d2c-6ee901363317
SM_V9_PAR2      iris    exon    11072558        11072707        .
        -       .
Parent=Smp_045990.1;Name=0af8372e-91b4-4a3b-8425-3efc09fbed55
SM_V9_PAR2      iris    exon    11094091        11094749        .
        -       .
Parent=Smp_045990.1;Name=750e6d40-0f35-4d3b-8619-5df70223accd
SM_V9_PAR2      iris    CDS     11056396        11057109        .
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SM_V9_PAR2      iris    CDS     11072558        11072695        .
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SM_V9_PAR2      iris    gene    11149961        11172609        .
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ID=Smp_045980;geneID=Smp_045980;gene_name=Smp_045980;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    11149961        11172609        .
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ID=Smp_045980.1;Parent=Smp_045980;geneID=Smp_045980;gene_name=Smp_04
5980;owner=irisadmin@local.host;orig_id=Smp_045980.1;date_last_modif
ied=2022-07-17;Name=Smp_045980.1;product=Coiled-coil and C2 domain-
containing protein 1-like;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    11149961        11151340        .
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Parent=Smp_045980.1;Name=1981e969-9b3c-44d6-9550-c2fb162aaad3
SM_V9_PAR2      iris    exon    11153305        11153478        .
        -       .       Parent=Smp_045980.1;Name=9185e1b9-2d9d-4c05-
b2fd-f000df9bfd6d
SM_V9_PAR2      iris    exon    11155801        11156303        .
        -       .       Parent=Smp_045980.1;Name=58b9d665-8ba8-452a-
a17b-3f3c69bb41d2
SM_V9_PAR2      iris    exon    11158307        11158844        .
        -       .       Parent=Smp_045980.1;Name=3b48010d-c671-4fc2-
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SM_V9_PAR2      iris    exon    11159857        11160144        .
        -       .       Parent=Smp_045980.1;Name=fe165a9e-5e70-403a-
bf14-5609bb4a6595
SM_V9_PAR2      iris    exon    11162872        11163036        .
        -       .       Parent=Smp_045980.1;Name=4e63dda0-a12e-49a8-
b544-c37cb97c46ca
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SM_V9_PAR2      iris    exon    11165010        11165204        .
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Parent=Smp_045980.1;Name=5467a513-3ae2-4060-9b7b-4e746112aa62
SM_V9_PAR2      iris    exon    11166843        11167103        .
        -       .       Parent=Smp_045980.1;Name=40e0381c-3892-4a6f-
b43d-5e64a3fa7cf5
SM_V9_PAR2      iris    exon    11170790        11171097        .
        -       .       Parent=Smp_045980.1;Name=bedf1efd-fdd2-4f00-
b336-b81e391c9c33
SM_V9_PAR2      iris    exon    11172546        11172609        .
        -       .
Parent=Smp_045980.1;Name=47d2f02d-75b7-4f0e-8ba1-444d0caf2ce1
SM_V9_PAR2      iris    CDS     11150987        11151340        .
        -       0       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11153305        11153478        .
        -       0       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11155801        11156303        .
        -       2       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11158307        11158844        .
        -       0       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11159857        11160144        .
        -       0       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11162872        11163036        .
        -       0       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11165010        11165204        .
        -       0       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11166843        11167103        .
        -       0       Parent=Smp_045980.1
SM_V9_PAR2      iris    CDS     11170790        11170954        .
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SM_V9_PAR2      iris    gene    11180540        11198296        .
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SM_V9_PAR2      iris    mRNA    11180540        11198296        .
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ID=Smp_146870.1;Parent=Smp_146870;geneID=Smp_146870;gene_name=Smp_14
6870;owner=irisadmin@local.host;orig_id=Smp_146870.1;date_last_modif
ied=2022-07-17;Name=Smp_146870.1;product=Long-chain-fatty-acid--CoA
ligase 1;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    11180540        11180901        .
        -       .       Parent=Smp_146870.1;Name=7000abe1-626a-4cf7-
b5f4-b04413428904
SM_V9_PAR2      iris    exon    11186864        11187326        .
        -       .       Parent=Smp_146870.1;Name=4c04707e-
ffeb-4d1a-9c02-243bae6245ea
SM_V9_PAR2      iris    exon    11192470        11192806        .
        -       .       Parent=Smp_146870.1;Name=e3b653ec-
ed23-40a9-8082-3fe8363189f4
SM_V9_PAR2      iris    exon    11197755        11198296        .
        -       .       Parent=Smp_146870.1;Name=06730a99-9d04-49b9-
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SM_V9_PAR2      iris    CDS     11180807        11180901        .
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SM_V9_PAR2	iris	CDS	11186864	11187326	.
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	-	1	Parent=Smp_146870.1
SM_V9_PAR2	iris	CDS	11197755	11198212	.
	-	0	Parent=Smp_146870.1
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	-	.	ID=Smp_045960;geneID=Smp_045960
SM_V9_PAR2	Liftoff	mRNA	11199644	11223419	.
	-	.
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mitochondrial;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018
247 Pfam:PF13202,PF13833;Ontology_term=GO:0005509
SM_V9_PAR2	Liftoff	exon	11199644	11200072	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11201213	11201411	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11203190	11203339	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11208230	11208430	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11208899	11208981	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11210548	11210656	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11213605	11213631	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11214371	11214568	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11216331	11216444	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11216480	11216540	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	exon	11216578	11223419	.
	-	.	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11199903	11200072	.
	-	2	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11201213	11201411	.
	-	0	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11203190	11203339	.
	-	0	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11208230	11208430	.
	-	0	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11208899	11208981	.
	-	2	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11210548	11210656	.
	-	0	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11213605	11213631	.
	-	0	Parent=Smp_045960.1
SM_V9_PAR2	Liftoff	CDS	11214371	11214568	.
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SM_V9_PAR2	Liftoff	CDS	11216331	11216444	.
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SM_V9_PAR2	Liftoff	CDS	11216480	11216540	.
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SM_V9_PAR2	iris	gene	11223523	11231601	.
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	+	.
ID=Smp_045950.1;Parent=Smp_045950;geneID=Smp_045950;gene_name=Smp_04
5950;owner=irisadmin@local.host;orig_id=Smp_045950.1;date_last_modif
ied=2022-09-05;Name=Smp_045950.1;product=Transformer-2 protein
homolog beta;date_creation=2022-09-05
SM_V9_PAR2	iris	exon	11223523	11223664	.
	+	.	Parent=Smp_045950.1;Name=0c434ecc-
f2db-44dd-846c-65529a8fe6c1
SM_V9_PAR2	iris	exon	11223697	11223786	.
	+	.	Parent=Smp_045950.1;Name=ad8e2498-
da69-4a04-8ae0-df6b02757f47
SM_V9_PAR2	iris	exon	11229467	11229618	.
	+	.	Parent=Smp_045950.1;Name=72fdbdbe-805e-42f4-
aa71-772e43d16dc5
SM_V9_PAR2	iris	exon	11229650	11229821	.
	+	.
Parent=Smp_045950.1;Name=0269ab82-3388-4157-943b-62549a7bb878
SM_V9_PAR2	iris	exon	11230452	11230722	.
	+	.	Parent=Smp_045950.1;Name=e13bef66-3fc7-42fd-
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SM_V9_PAR2	iris	CDS	11223570	11223664	.
	+	0	Parent=Smp_045950.1
SM_V9_PAR2	iris	CDS	11223697	11223786	.
	+	1	Parent=Smp_045950.1
SM_V9_PAR2	iris	CDS	11229467	11229618	.
	+	1	Parent=Smp_045950.1
SM_V9_PAR2	iris	CDS	11229650	11229821	.
	+	2	Parent=Smp_045950.1
SM_V9_PAR2	iris	CDS	11230452	11230539	.
	+	1	Parent=Smp_045950.1
SM_V9_PAR2	iris	mRNA	11223523	11231601	.
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ID=Smp_045950.2;Parent=Smp_045950;geneID=Smp_045950;gene_name=Smp_04
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SM_V9_PAR2	iris	exon	11223523	11223664	.
	+	.	Parent=Smp_045950.2;Name=341b73c2-530c-47ae-
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SM_V9_PAR2	iris	exon	11223697	11223786	.
	+	.	Parent=Smp_045950.2;Name=b402e5aa-a763-477e-
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SM_V9_PAR2	iris	exon	11229467	11229618	.
	+	.	Parent=Smp_045950.2;Name=05b4270c-94b6-4daa-
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SM_V9_PAR2	iris	exon	11229650	11229821	.
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SM_V9_PAR2      iris    exon    11230452        11230531        .
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Parent=Smp_045950.2;Name=07f04e13-15ae-4879-9614-889d691c61f1
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SM_V9_PAR2      iris    CDS     11223570        11223664        .
        +       0       Parent=Smp_045950.2
SM_V9_PAR2      iris    CDS     11223697        11223786        .
        +       1       Parent=Smp_045950.2
SM_V9_PAR2      iris    CDS     11229467        11229618        .
        +       1       Parent=Smp_045950.2
SM_V9_PAR2      iris    CDS     11229650        11229821        .
        +       2       Parent=Smp_045950.2
SM_V9_PAR2      iris    CDS     11230452        11230531        .
        +       1       Parent=Smp_045950.2
SM_V9_PAR2      iris    CDS     11230752        11230759        .
        +       2       Parent=Smp_045950.2
SM_V9_PAR2      Liftoff gene    11231438        11248979        .
        -       .
ID=Smp_347610;geneID=Smp_347610;previous_systematic_id=Smp_045940,Sm
p_244450
SM_V9_PAR2      Liftoff mRNA    11231438        11248979        .
        -       .
ID=Smp_347610.1;Parent=Smp_347610;geneID=Smp_347610;product=Procolla
gen-lysine,2-oxoglutarate 5-dioxygenase
1;polypeptide_domain=InterPro:IPR005123,IPR006620,IPR029044;Ontology
_term=GO:0005506,GO:0016491,GO:0016705,GO:0031418,GO:0055114
SM_V9_PAR2      Liftoff exon    11231438        11231643        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11231714        11231839        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11231919        11232248        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11232748        11232861        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11233641        11233758        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11233829        11234059        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11234107        11234228        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11234976        11235101        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11237718        11237819        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11239903        11240000        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11242256        11242319        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11244473        11244637        .
        -       .       Parent=Smp_347610.1
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SM_V9_PAR2      Liftoff exon    11245230        11245344        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11248571        11248707        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11248746        11248834        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff exon    11248871        11248979        .
        -       .       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11231488        11231643        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11231714        11231839        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11231919        11232248        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11232748        11232861        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11233641        11233758        .
        -       1       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11233829        11234059        .
        -       1       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11234107        11234228        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11234976        11235101        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11237718        11237819        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11239903        11240000        .
        -       2       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11242256        11242319        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11244473        11244637        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11245230        11245344        .
        -       1       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11248571        11248707        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11248746        11248834        .
        -       2       Parent=Smp_347610.1
SM_V9_PAR2      Liftoff CDS     11248871        11248943        .
        -       0       Parent=Smp_347610.1
SM_V9_PAR2      iris    gene    11255083        11265305        .
        -       .
ID=Smp_244460;geneID=Smp_244460;gene_name=Smp_244460;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    11255083        11265305        .
        -       .
ID=Smp_244460.1;Parent=Smp_244460;geneID=Smp_244460;gene_name=Smp_24
4460;owner=irisadmin@local.host;orig_id=Smp_244460.1;date_last_modif
ied=2022-07-17;Name=Smp_244460.1;product=RNA polymerase II-
associated factor 1 homolog;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    11255083        11255549        .
        -       .       Parent=Smp_244460.1;Name=99c001e8-38f9-492f-
a1b6-4782a8d93035
SM_V9_PAR2      iris    exon    11258785        11259075        .
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        -       .       Parent=Smp_244460.1;Name=9249e802-4731-4cd4-
a228-89f42852325f
SM_V9_PAR2      iris    exon    11261349        11261563        .
        -       .       Parent=Smp_244460.1;Name=7306d948-5f37-4e12-
ac02-78fcd1586287
SM_V9_PAR2      iris    exon    11262776        11262855        .
        -       .       Parent=Smp_244460.1;Name=1e11d9cc-3107-4226-
bb95-f92a7be5f65e
SM_V9_PAR2      iris    exon    11264451        11264649        .
        -       .
Parent=Smp_244460.1;Name=642813e7-7489-40e9-88c0-b8b26c398fc3
SM_V9_PAR2      iris    exon    11264682        11264847        .
        -       .       Parent=Smp_244460.1;Name=c5d45e9e-
b843-4847-80ec-a54b457ab523
SM_V9_PAR2      iris    exon    11264885        11265006        .
        -       .       Parent=Smp_244460.1;Name=a9ab4e32-7ef1-4781-
a1c1-f05af3722117
SM_V9_PAR2      iris    exon    11265043        11265138        .
        -       .
Parent=Smp_244460.1;Name=5e1ce7ac-17ce-4598-997e-c03678c5fe57
SM_V9_PAR2      iris    exon    11265189        11265305        .
        -       .       Parent=Smp_244460.1;Name=106c88e2-f345-48a0-
b358-ea38e2e934cb
SM_V9_PAR2      iris    CDS     11255323        11255549        .
        -       2       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11258785        11259075        .
        -       2       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11261349        11261563        .
        -       1       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11262776        11262855        .
        -       0       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11264451        11264649        .
        -       1       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11264682        11264847        .
        -       2       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11264885        11265006        .
        -       1       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11265043        11265138        .
        -       1       Parent=Smp_244460.1
SM_V9_PAR2      iris    CDS     11265189        11265262        .
        -       0       Parent=Smp_244460.1
SM_V9_PAR2      iris    gene    11285277        11290194        .
        +       .
ID=Smp_045930;geneID=Smp_045930;gene_name=Smp_045930;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    11285277        11290194        .
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ID=Smp_045930.1;Parent=Smp_045930;geneID=Smp_045930;gene_name=Smp_04
5930;owner=irisadmin@local.host;orig_id=Smp_045930.1;date_last_modif
ied=2022-07-17;Name=Smp_045930.1;product=Transmembrane protein
65;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    11285277        11285594        .
        +       .
Parent=Smp_045930.1;Name=c03858e7-0910-46b8-9ebe-b4f6415fc05a
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SM_V9_PAR2      iris    exon    11285636        11285703        .
        +       .       Parent=Smp_045930.1;Name=50e1f2a2-
c975-45cb-885d-e58875d91dc6
SM_V9_PAR2      iris    exon    11285752        11285806        .
        +       .
Parent=Smp_045930.1;Name=48ba47ce-185f-4250-8bee-16514c88a0fa
SM_V9_PAR2      iris    exon    11285841        11285883        .
        +       .       Parent=Smp_045930.1;Name=a24aaa8e-81cf-47a9-
a892-0eaa3c261156
SM_V9_PAR2      iris    exon    11287236        11287341        .
        +       .       Parent=Smp_045930.1;Name=c5e00e6a-
c291-4405-9b67-94d374344eb4
SM_V9_PAR2      iris    exon    11289556        11290194        .
        +       .
Parent=Smp_045930.1;Name=74a640dd-30ad-49bb-9cf4-e6fba5c5b391
SM_V9_PAR2      iris    CDS     11285324        11285594        .
        +       0       Parent=Smp_045930.1
SM_V9_PAR2      iris    CDS     11285636        11285703        .
        +       2       Parent=Smp_045930.1
SM_V9_PAR2      iris    CDS     11285752        11285806        .
        +       0       Parent=Smp_045930.1
SM_V9_PAR2      iris    CDS     11285841        11285883        .
        +       2       Parent=Smp_045930.1
SM_V9_PAR2      iris    CDS     11287236        11287341        .
        +       1       Parent=Smp_045930.1
SM_V9_PAR2      iris    CDS     11289556        11289624        .
        +       0       Parent=Smp_045930.1
SM_V9_PAR2      iris    gene    11294529        11296098        .
        -       .
ID=Smp_045920;geneID=Smp_045920;gene_name=Smp_045920;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    11294529        11296091        .
        -       .
ID=Smp_045920.1;Parent=Smp_045920;geneID=Smp_045920;gene_name=Smp_04
5920;owner=irisadmin@local.host;orig_id=Smp_045920.2;date_last_modif
ied=2022-08-19;Name=Smp_045920.1;product=CKLF-like MARVEL
transmembrane domain-containing protein 7;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    11294529        11294802        .
        -       .       Parent=Smp_045920.1;Name=e183022b-4421-46ca-
ac21-22a71add6a91
SM_V9_PAR2      iris    exon    11295524        11295622        .
        -       .       Parent=Smp_045920.1;Name=88faa4bf-0ce6-4e40-
ae4b-c358d11cd1d3
SM_V9_PAR2      iris    exon    11295656        11296005        .
        -       .       Parent=Smp_045920.1;Name=79b36c15-9f55-40ad-
ab36-b69d478b7ea3
SM_V9_PAR2      iris    exon    11296040        11296091        .
        -       .       Parent=Smp_045920.1;Name=a77a5035-e4ce-4e9e-
a1b5-8b34519681f9
SM_V9_PAR2      iris    CDS     11294716        11294802        .
        -       0       Parent=Smp_045920.1
SM_V9_PAR2      iris    CDS     11295524        11295622        .
        -       0       Parent=Smp_045920.1
SM_V9_PAR2      iris    CDS     11295656        11295979        .
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        -       0       Parent=Smp_045920.1
SM_V9_PAR2      iris    mRNA    11294541        11296098        .
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ID=Smp_045920.2;Parent=Smp_045920;geneID=Smp_045920;gene_name=Smp_04
5920;owner=irisadmin@local.host;orig_id=Smp_045920.1;date_last_modif
ied=2022-08-19;Name=Smp_045920.2;product=CKLF-like MARVEL
transmembrane domain-containing protein 4;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    11294541        11295622        .
        -       .
Parent=Smp_045920.2;Name=97ab2ac8-1205-4711-96f5-95a565fcd3c3
SM_V9_PAR2      iris    exon    11295656        11296005        .
        -       .       Parent=Smp_045920.2;Name=de6d678f-ae3e-41f0-
adf8-6f78214e6937
SM_V9_PAR2      iris    exon    11296040        11296098        .
        -       .
Parent=Smp_045920.2;Name=860d0923-259d-444a-8aa4-01b6722e40b5
SM_V9_PAR2      iris    CDS     11295149        11295622        .
        -       0       Parent=Smp_045920.2
SM_V9_PAR2      iris    CDS     11295656        11295979        .
        -       0       Parent=Smp_045920.2
SM_V9_PAR2      iris    gene    11302874        11351991        .
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ID=Smp_146840;geneID=Smp_146840;gene_name=Smp_146840;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    11302874        11351991        .
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ID=Smp_146840.1;Parent=Smp_146840;geneID=Smp_146840;gene_name=Smp_14
6840;owner=irisadmin@local.host;orig_id=Smp_146840.1;date_last_modif
ied=2022-08-19;Name=Smp_146840.1;product=Netrin-
A;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    11302874        11304970        .
        -       .       Parent=Smp_146840.1;Name=f1a8436e-818f-4bb8-
a31d-b5075d95963c
SM_V9_PAR2      iris    exon    11309525        11309599        .
        -       .       Parent=Smp_146840.1;Name=b9827f81-
ded0-4ee1-84d8-50aef9fe15c9
SM_V9_PAR2      iris    exon    11310891        11310929        .
        -       .
Parent=Smp_146840.1;Name=47e70be9-101f-4d7a-96b7-975083045d2a
SM_V9_PAR2      iris    exon    11320441        11320596        .
        -       .
Parent=Smp_146840.1;Name=8dcb6a9f-4aaf-458f-935c-e58b6b1e8d26
SM_V9_PAR2      iris    exon    11324911        11325099        .
        -       .
Parent=Smp_146840.1;Name=79692b6c-70a8-4fcf-97ea-e7890bbf39b1
SM_V9_PAR2      iris    exon    11350325        11351991        .
        -       .       Parent=Smp_146840.1;Name=081d0ad6-b587-41f0-
a721-a6239ff81c05
SM_V9_PAR2      iris    CDS     11304360        11304970        .
        -       2       Parent=Smp_146840.1
SM_V9_PAR2      iris    CDS     11309525        11309599        .
        -       2       Parent=Smp_146840.1
SM_V9_PAR2      iris    CDS     11310891        11310929        .
        -       2       Parent=Smp_146840.1
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SM_V9_PAR2      iris    CDS     11320441        11320596        .
        -       2       Parent=Smp_146840.1
SM_V9_PAR2      iris    CDS     11324911        11325099        .
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SM_V9_PAR2      iris    CDS     11350325        11351780        .
        -       0       Parent=Smp_146840.1
SM_V9_PAR2      Liftoff gene    11381363        11408557        .
        +       .       ID=Smp_146830;geneID=Smp_146830
SM_V9_PAR2      Liftoff mRNA    11381363        11408557        .
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ID=Smp_146830.1;Parent=Smp_146830;geneID=Smp_146830;product=Monocarb
oxylate transporter 14;polypeptide_domain=InterPro:IPR020846
SM_V9_PAR2      Liftoff exon    11381363        11384551        .
        +       .       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff exon    11384600        11384726        .
        +       .       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff exon    11388013        11388220        .
        +       .       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff exon    11395900        11395954        .
        +       .       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff exon    11404825        11405280        .
        +       .       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff exon    11406572        11407027        .
        +       .       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff exon    11408272        11408557        .
        +       .       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff CDS     11384389        11384551        .
        +       0       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff CDS     11384600        11384726        .
        +       2       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff CDS     11388013        11388220        .
        +       1       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff CDS     11395900        11395954        .
        +       0       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff CDS     11404825        11405280        .
        +       2       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff CDS     11406572        11407027        .
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SM_V9_PAR2      Liftoff CDS     11408272        11408417        .
        +       2       Parent=Smp_146830.1
SM_V9_PAR2      Liftoff mRNA    11381363        11408557        .
        +       .
ID=Smp_146830.3;Parent=Smp_146830;geneID=Smp_146830;product=Monocarb
oxylate transporter 14;polypeptide_domain=InterPro:IPR020846
SM_V9_PAR2      Liftoff exon    11381363        11384551        .
        +       .       Parent=Smp_146830.3
SM_V9_PAR2      Liftoff exon    11384600        11384726        .
        +       .       Parent=Smp_146830.3
SM_V9_PAR2      Liftoff exon    11388013        11388220        .
        +       .       Parent=Smp_146830.3
SM_V9_PAR2      Liftoff exon    11395900        11395954        .
        +       .       Parent=Smp_146830.3
SM_V9_PAR2      Liftoff exon    11404825        11405280        .
        +       .       Parent=Smp_146830.3
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SM_V9_PAR2	Liftoff	exon	11406572	11407027	.
	+	.	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	exon	11408272	11408557	.
	+	.	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	CDS	11384437	11384551	.
	+	0	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	CDS	11384600	11384726	.
	+	2	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	CDS	11388013	11388220	.
	+	1	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	CDS	11395900	11395954	.
	+	0	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	CDS	11404825	11405280	.
	+	2	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	CDS	11406572	11407027	.
	+	2	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	CDS	11408272	11408417	.
	+	2	Parent=Smp_146830.3
SM_V9_PAR2	Liftoff	mRNA	11381383	11408557	.
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SM_V9_PAR2	Liftoff	exon	11384600	11384726	.
	+	.	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	exon	11388013	11388220	.
	+	.	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	exon	11395900	11395954	.
	+	.	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	exon	11404825	11405280	.
	+	.	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	exon	11406572	11407027	.
	+	.	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	exon	11408272	11408557	.
	+	.	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	CDS	11384449	11384551	.
	+	0	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	CDS	11384600	11384726	.
	+	2	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	CDS	11388013	11388220	.
	+	1	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	CDS	11395900	11395954	.
	+	0	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	CDS	11404825	11405280	.
	+	2	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	CDS	11406572	11407027	.
	+	2	Parent=Smp_146830.2
SM_V9_PAR2	Liftoff	CDS	11408272	11408417	.
	+	2	Parent=Smp_146830.2
SM_V9_PAR2	iris	gene	11414963	11459042	.
	+	.
ID=Smp_045860;geneID=Smp_045860;gene_name=Smp_045860;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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SM_V9_PAR2	iris	mRNA	11414963	11459042	.
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kinase;date_creation=2022-07-17
SM_V9_PAR2	iris	exon	11414963	11415439	.
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SM_V9_PAR2	iris	exon	11423687	11424339	.
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SM_V9_PAR2	iris	exon	11427901	11428733	.
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SM_V9_PAR2	iris	exon	11434789	11434824	.
	+	.	Parent=Smp_045860.1;Name=b0ec9d27-d102-4afa-
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SM_V9_PAR2	iris	exon	11438223	11438445	.
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SM_V9_PAR2	iris	exon	11439779	11439889	.
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SM_V9_PAR2	iris	exon	11441512	11441764	.
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SM_V9_PAR2	iris	exon	11443622	11443667	.
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SM_V9_PAR2	iris	exon	11449011	11449355	.
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SM_V9_PAR2	iris	exon	11450875	11450913	.
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SM_V9_PAR2	iris	exon	11454031	11454189	.
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SM_V9_PAR2      iris    CDS     11425587        11425690        .
        +       1       Parent=Smp_045860.1
SM_V9_PAR2      iris    CDS     11427901        11428733        .
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SM_V9_PAR2      iris    CDS     11438223        11438445        .
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SM_V9_PAR2      iris    CDS     11439779        11439889        .
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SM_V9_PAR2      iris    CDS     11441805        11442592        .
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SM_V9_PAR2      iris    CDS     11443622        11443667        .
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SM_V9_PAR2      iris    CDS     11450875        11450913        .
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SM_V9_PAR2      iris    CDS     11454031        11454189        .
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SM_V9_PAR2      Liftoff mRNA    11475890        11488008        .
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SM_V9_PAR2      Liftoff exon    11475890        11476246        .
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SM_V9_PAR2      Liftoff exon    11481446        11481546        .
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SM_V9_PAR2      Liftoff exon    11487615        11488008        .
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SM_V9_PAR2      Liftoff gene    11494873        11511015        .
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SM_V9_PAR2      Liftoff mRNA    11494873        11511015        .
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diaphanous;polypeptide_domain=InterPro:IPR015425 Pfam:PF02181
SM_V9_PAR2      Liftoff exon    11494873        11495350        .
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SM_V9_PAR2      Liftoff exon    11499722        11499880        .
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SM_V9_PAR2      Liftoff exon    11500685        11501009        .
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SM_V9_PAR2      Liftoff exon    11504110        11504189        .
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SM_V9_PAR2      Liftoff exon    11504968        11505090        .
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SM_V9_PAR2      Liftoff exon    11507905        11508232        .
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SM_V9_PAR2      Liftoff exon    11510726        11511015        .
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SM_V9_PAR2      Liftoff CDS     11495094        11495350        .
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SM_V9_PAR2      Liftoff CDS     11510726        11510833        .
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dehydratase;date_creation=2022-08-19
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a063-6b396f9118cd
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SM_V9_PAR2	iris	exon	11523487	11523631	.
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SM_V9_PAR2	iris	exon	11524210	11524297	.
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SM_V9_PAR2	iris	exon	11525832	11525918	.
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SM_V9_PAR2	iris	CDS	11521525	11521608	.
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SM_V9_PAR2	iris	CDS	11523487	11523631	.
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SM_V9_PAR2	iris	CDS	11525832	11525918	.
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22-07-17
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SM_V9_PAR2      iris    exon    11550189        11550398        .
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SM_V9_PAR2      Liftoff gene    11614246        11643008        .
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ID=Smp_343950.1;Parent=Smp_343950;geneID=Smp_343950;product=bone
morphogenetic protein-like protein;evidence=Traceable Author
Statement;literature=PMID:18765241;polypeptide_domain=InterPro:IPR00
1839,IPR017948,IPR029034 Pfam:PF00019;Ontology_term=GO:0008083
SM_V9_PAR2      Liftoff exon    11614246        11615373        .
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SM_V9_PAR2      Liftoff exon    11620565        11621397        .
        -       .       Parent=Smp_343950.1
SM_V9_PAR2      Liftoff exon    11641078        11643008        .
        -       .       Parent=Smp_343950.1
SM_V9_PAR2      Liftoff CDS     11614651        11615373        .
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SM_V9_PAR2      Liftoff CDS     11620565        11621397        .
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SM_V9_PAR2      iris    exon    11663892        11664184        .
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SM_V9_PAR2      iris    exon    11665591        11665779        .
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SM_V9_PAR2      Liftoff mRNA    11679241        11688898        .
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ID=Smp_045750.1;Parent=Smp_045750;geneID=Smp_045750;product=CDK-
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MAT1;polypeptide_domain=InterPro:IPR001841,IPR004575,IPR013083,IPR01
5877,IPR017907
Pfam:PF06391,PF17121;Ontology_term=GO:0005675,GO:0006289,GO:0045737,
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SM_V9_PAR2      Liftoff exon    11679241        11679832        .
        -       .       Parent=Smp_045750.1
SM_V9_PAR2      Liftoff exon    11682914        11683435        .
        -       .       Parent=Smp_045750.1
SM_V9_PAR2      Liftoff exon    11688189        11688292        .
        -       .       Parent=Smp_045750.1
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SM_V9_PAR2	Liftoff	exon	11688325	11688398	.
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SM_V9_PAR2	Liftoff	exon	11688433	11688585	.
	-	.	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	exon	11688621	11688898	.
	-	.	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	CDS	11679335	11679832	.
	-	0	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	CDS	11682914	11683435	.
	-	0	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	CDS	11688189	11688292	.
	-	2	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	CDS	11688325	11688398	.
	-	1	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	CDS	11688433	11688585	.
	-	1	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	CDS	11688621	11688715	.
	-	0	Parent=Smp_045750.1
SM_V9_PAR2	Liftoff	mRNA	11679241	11688898	.
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Pfam:PF06391,PF17121;Ontology_term=GO:0005675,GO:0006289,GO:0045737,
GO:0061575
SM_V9_PAR2	Liftoff	exon	11679241	11679832	.
	-	.	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	exon	11688189	11688292	.
	-	.	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	exon	11688325	11688398	.
	-	.	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	exon	11688433	11688585	.
	-	.	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	exon	11688621	11688898	.
	-	.	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	CDS	11679335	11679832	.
	-	0	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	CDS	11688189	11688292	.
	-	2	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	CDS	11688325	11688398	.
	-	1	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	CDS	11688433	11688585	.
	-	1	Parent=Smp_045750.2
SM_V9_PAR2	Liftoff	CDS	11688621	11688715	.
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SM_V9_PAR2	iris	gene	11707855	11723720	.
	+	.
ID=Smp_045730;geneID=Smp_045730;gene_name=Smp_045730;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2	iris	mRNA	11707855	11723720	.
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ID=Smp_045730.1;Parent=Smp_045730;geneID=Smp_045730;gene_name=Smp_04
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Parent=Smp_045730.1;Name=58791466-5572-403d-9fc5-157424a6d886
SM_V9_PAR2      iris    exon    11719667        11719878        .
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fd54-4017-9aa0-2fa20cd355a0
SM_V9_PAR2      iris    exon    11719912        11720682        .
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ac4b-faf2cef6279a
SM_V9_PAR2      iris    exon    11723339        11723720        .
        +       .       Parent=Smp_045730.1;Name=d1f57c6a-3aec-4535-
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SM_V9_PAR2      iris    CDS     11719693        11719878        .
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SM_V9_PAR2      iris    CDS     11719912        11720661        .
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SM_V9_PAR2      iris    gene    11757477        11807128        .
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ID=Smp_306080;geneID=Smp_306080;gene_name=Smp_306080;owner=irisadmin
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catalytic subunit;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    11757477        11757536        .
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Parent=Smp_306080.1;Name=e3590cfb-3b76-47d5-8832-7cc50e772c57
SM_V9_PAR2      iris    exon    11757572        11757800        .
        +       .       Parent=Smp_306080.1;Name=fa70f6a1-
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SM_V9_PAR2      iris    exon    11759001        11759242        .
        +       .       Parent=Smp_306080.1;Name=fffe7f6d-d284-48c9-
b622-5c2e77391c88
SM_V9_PAR2      iris    exon    11766088        11766463        .
        +       .       Parent=Smp_306080.1;Name=3c27d980-0500-4b22-
b5fe-4effe6a7a245
SM_V9_PAR2      iris    exon    11767355        11767675        .
        +       .       Parent=Smp_306080.1;Name=85226c7b-24c8-4915-
bfcd-3831b7163c82
SM_V9_PAR2      iris    exon    11770844        11770962        .
        +       .       Parent=Smp_306080.1;Name=6bedb2dc-1ac5-47c1-
b3b2-3f381efb29db
SM_V9_PAR2      iris    exon    11771767        11771859        .
        +       .       Parent=Smp_306080.1;Name=001b73ee-
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SM_V9_PAR2      iris    exon    11772763        11772911        .
        +       .
Parent=Smp_306080.1;Name=2041eff0-03fe-4e39-8fec-5e66ea4f79a1
SM_V9_PAR2      iris    exon    11790792        11790856        .
        +       .       Parent=Smp_306080.1;Name=1329c998-
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cf49-4320-92b7-9ce7f5c6780e
SM_V9_PAR2      iris    exon    11792729        11792946        .
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Parent=Smp_306080.1;Name=86e1bc94-1742-487c-8517-cfe9bc87f7bb
SM_V9_PAR2      iris    exon    11794045        11794129        .
        +       .       Parent=Smp_306080.1;Name=c2d90490-3221-497c-
bab8-e4d71fa5e5c6
SM_V9_PAR2      iris    exon    11795470        11795864        .
        +       .
Parent=Smp_306080.1;Name=1054f4fc-2f98-4e6d-89c0-f827cb811fbc
SM_V9_PAR2      iris    exon    11796217        11796612        .
        +       .       Parent=Smp_306080.1;Name=0e89a5b5-47f9-4178-
a409-77b58af51af3
SM_V9_PAR2      iris    exon    11797500        11797773        .
        +       .       Parent=Smp_306080.1;Name=b05f38f9-824a-4341-
b5f6-9a2cc1d1a658
SM_V9_PAR2      iris    exon    11799562        11799689        .
        +       .       Parent=Smp_306080.1;Name=49c9b462-b750-44d8-
aa9a-992378639367
SM_V9_PAR2      iris    exon    11800486        11800878        .
        +       .       Parent=Smp_306080.1;Name=f1a5a7f6-fc5b-4d30-
bd90-47a4c3b090ad
SM_V9_PAR2      iris    exon    11801378        11801842        .
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Parent=Smp_306080.1;Name=1f32f513-3bf0-4168-9ce3-f4a0d5467d64
SM_V9_PAR2      iris    exon    11802110        11802341        .
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ba88-4115-9dc2-b1efa0c19e87
SM_V9_PAR2      iris    exon    11803708        11803907        .
        +       .       Parent=Smp_306080.1;Name=1c84dc93-
ea20-41a6-8ed7-e031c772a86a
SM_V9_PAR2      iris    exon    11803984        11804133        .
        +       .       Parent=Smp_306080.1;Name=73e60727-6d47-4d57-
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SM_V9_PAR2      iris    exon    11804446        11804812        .
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a754-05e3f7243fd8
SM_V9_PAR2      iris    exon    11806809        11807128        .
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Parent=Smp_306080.1;Name=658961d3-6aba-431e-8d28-d9b1b62af5a7
SM_V9_PAR2      iris    CDS     11757683        11757800        .
        +       0       Parent=Smp_306080.1
SM_V9_PAR2      iris    CDS     11759001        11759242        .
        +       2       Parent=Smp_306080.1
SM_V9_PAR2      iris    CDS     11766088        11766463        .
        +       0       Parent=Smp_306080.1
SM_V9_PAR2      iris    CDS     11767355        11767675        .
        +       2       Parent=Smp_306080.1
SM_V9_PAR2      iris    CDS     11770844        11770962        .
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SM_V9_PAR2      iris    CDS     11771767        11771859        .
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SM_V9_PAR2      iris    CDS     11772763        11772911        .
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SM_V9_PAR2	iris	CDS	11790792	11790856	.
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SM_V9_PAR2	iris	CDS	11792729	11792946	.
	+	2	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11794045	11794129	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11795470	11795864	.
	+	2	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11796217	11796612	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11797500	11797773	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11799562	11799689	.
	+	2	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11800486	11800878	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11801378	11801842	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11802110	11802341	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11803708	11803907	.
	+	2	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11803984	11804133	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11804446	11804812	.
	+	0	Parent=Smp_306080.1
SM_V9_PAR2	iris	CDS	11806809	11806957	.
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SM_V9_PAR2	iris	gene	11952853	12003760	.
	-	.
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SM_V9_PAR2	iris	mRNA	11952853	12003760	.
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ID=Smp_159450.1;Parent=Smp_159450;geneID=Smp_159450;gene_name=Smp_15
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2-08-19
SM_V9_PAR2	iris	exon	11952853	11953903	.
	-	.	Parent=Smp_159450.1;Name=703b8f2c-0ca1-4a04-
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SM_V9_PAR2	iris	exon	11956136	11956493	.
	-	.	Parent=Smp_159450.1;Name=b985ac5d-97d7-451e-
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SM_V9_PAR2	iris	exon	11956986	11957100	.
	-	.	Parent=Smp_159450.1;Name=3b1ab5de-
df74-4a20-8cee-b80f6c940a86
SM_V9_PAR2	iris	exon	11958841	11959021	.
	-	.	Parent=Smp_159450.1;Name=47f67029-70be-46c4-
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SM_V9_PAR2	iris	exon	11960795	11961298	.
	-	.	Parent=Smp_159450.1;Name=dccf1b4c-24e4-4301-
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SM_V9_PAR2	iris	exon	11964598	11964822	.
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        -       .       Parent=Smp_159450.1;Name=1e465063-
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SM_V9_PAR2      iris    exon    11966183        11966405        .
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Parent=Smp_159450.1;Name=6a8bc94e-3235-44df-87ca-b0c1b9ca48c1
SM_V9_PAR2      iris    exon    11967243        11967299        .
        -       .
Parent=Smp_159450.1;Name=46070bc6-3298-465f-818f-930d3190f6b6
SM_V9_PAR2      iris    exon    11969451        11969537        .
        -       .       Parent=Smp_159450.1;Name=ce5f2e03-
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SM_V9_PAR2      iris    exon    11971386        11971649        .
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SM_V9_PAR2      iris    exon    11979163        11979356        .
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SM_V9_PAR2      iris    exon    11981037        11981415        .
        -       .       Parent=Smp_159450.1;Name=afa888e8-
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SM_V9_PAR2      iris    exon    11984424        11984480        .
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SM_V9_PAR2      iris    exon    11985813        11985905        .
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SM_V9_PAR2      iris    exon    12003400        12003760        .
        -       .
Parent=Smp_159450.1;Name=dbf3ba65-823e-4986-98b9-a02c2f2518b1
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        -       2       Parent=Smp_159450.1
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        -       1       Parent=Smp_159450.1
SM_V9_PAR2      iris    CDS     11958841        11959021        .
        -       2       Parent=Smp_159450.1
SM_V9_PAR2      iris    CDS     11960795        11961298        .
        -       2       Parent=Smp_159450.1
SM_V9_PAR2      iris    CDS     11964598        11964822        .
        -       2       Parent=Smp_159450.1
SM_V9_PAR2      iris    CDS     11966183        11966405        .
        -       0       Parent=Smp_159450.1
SM_V9_PAR2      iris    CDS     11967243        11967299        .
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        -       2       Parent=Smp_159450.1
SM_V9_PAR2      iris    CDS     11981037        11981415        .
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SM_V9_PAR2      iris    CDS     11984424        11984480        .
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SM_V9_PAR2      iris    gene    12095240        12171882        .
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ID=Smp_336650;geneID=Smp_336650;gene_name=Smp_336650;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    12095240        12171882        .
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ID=Smp_336650.1;Parent=Smp_336650;geneID=Smp_336650;gene_name=Smp_33
6650;owner=irisadmin@local.host;orig_id=Smp_336650.2;date_last_modif
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ZO-1;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    12095240        12095863        .
        -       .       Parent=Smp_336650.1;Name=3649bca6-6c61-4f82-
b79c-d38ae9a050f3
SM_V9_PAR2      iris    exon    12098350        12098443        .
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SM_V9_PAR2      iris    exon    12099943        12100048        .
        -       .
Parent=Smp_336650.1;Name=cabe9147-3c05-4237-8818-f7bfd2c9bb9d
SM_V9_PAR2      iris    exon    12101354        12101371        .
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Parent=Smp_336650.1;Name=d4f3f15f-510b-4ce1-932d-9fef152409f2
SM_V9_PAR2      iris    exon    12106592        12106669        .
        -       .       Parent=Smp_336650.1;Name=a2c22e0a-1afc-480e-
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        -       .       Parent=Smp_336650.1;Name=a713ae93-fbf0-42ac-
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SM_V9_PAR2      iris    exon    12120796        12120903        .
        -       .       Parent=Smp_336650.1;Name=2b7451d6-0e6d-4a26-
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SM_V9_PAR2      iris    exon    12124197        12124322        .
        -       .
Parent=Smp_336650.1;Name=31cf4e72-516b-4f90-811c-be7ac4193e27
SM_V9_PAR2      iris    exon    12126032        12126271        .
        -       .       Parent=Smp_336650.1;Name=eae55a0c-
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SM_V9_PAR2      iris    exon    12132938        12133234        .
        -       .       Parent=Smp_336650.1;Name=032a2296-6a20-4461-
a739-6312edddd6d5
SM_V9_PAR2      iris    exon    12133812        12134062        .
        -       .       Parent=Smp_336650.1;Name=4d4973ba-9930-4727-
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SM_V9_PAR2      iris    exon    12171565        12171882        .
        -       .       Parent=Smp_336650.1;Name=73d3b234-e5cd-4055-
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	-	1	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12098350	12098443	.
	-	2	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12099943	12100048	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12101354	12101371	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12106592	12106669	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12111267	12111401	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12113526	12113906	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12120796	12120903	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12124197	12124322	.
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SM_V9_PAR2	iris	CDS	12126032	12126271	.
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SM_V9_PAR2	iris	CDS	12132938	12133234	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	CDS	12133812	12134039	.
	-	0	Parent=Smp_336650.1
SM_V9_PAR2	iris	gene	12185618	12222912	.
	-	.
ID=Smp_068840;geneID=Smp_068840;gene_name=Smp_068840;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_PAR2	iris	mRNA	12185618	12222912	.
	-	.
ID=Smp_068840.2;Parent=Smp_068840;geneID=Smp_068840;gene_name=Smp_06
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ied=2022-09-05;Name=Smp_068840.2;product=Homologous-pairing protein
2 homolog;date_creation=2022-09-05
SM_V9_PAR2	iris	exon	12185618	12186017	.
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SM_V9_PAR2	iris	exon	12187411	12187507	.
	-	.	Parent=Smp_068840.2;Name=50896b84-3812-4d4d-
b266-d82bd474c989
SM_V9_PAR2	iris	exon	12189539	12189617	.
	-	.	Parent=Smp_068840.2;Name=90da9125-d616-4ee2-
b763-5ded86938030
SM_V9_PAR2	iris	exon	12189652	12189743	.
	-	.	Parent=Smp_068840.2;Name=d91825da-41a0-4831-
bf62-6f0ea216707d
SM_V9_PAR2	iris	exon	12189783	12189812	.
	-	.	Parent=Smp_068840.2;Name=729df0bd-
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SM_V9_PAR2	iris	exon	12212917	12212976	.
	-	.	Parent=Smp_068840.2;Name=165e962d-870d-4ee1-
b2b6-22326adddf99
SM_V9_PAR2	iris	exon	12215222	12215275	.
	-	.	Parent=Smp_068840.2;Name=7d056e9b-8bbb-4f10-
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b4ce-59472a054093
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SM_V9_PAR2      iris    exon    12219471        12219541        .
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SM_V9_PAR2      iris    exon    12219580        12219691        .
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SM_V9_PAR2      iris    exon    12219730        12219819        .
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SM_V9_PAR2      iris    exon    12219854        12219939        .
        -       .       Parent=Smp_068840.2;Name=02c13b61-f0dc-427c-
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SM_V9_PAR2      iris    exon    12219976        12222912        .
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SM_V9_PAR2      iris    CDS     12189557        12189617        .
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SM_V9_PAR2      iris    CDS     12212917        12212976        .
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SM_V9_PAR2      iris    CDS     12215222        12215275        .
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SM_V9_PAR2      iris    CDS     12217222        12217296        .
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SM_V9_PAR2      iris    CDS     12219471        12219541        .
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SM_V9_PAR2      iris    CDS     12219580        12219691        .
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SM_V9_PAR2      iris    CDS     12219730        12219819        .
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SM_V9_PAR2      iris    CDS     12219854        12219939        .
        -       2       Parent=Smp_068840.2
SM_V9_PAR2      iris    CDS     12219976        12219997        .
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SM_V9_PAR2      iris    exon    12211319        12211537        .
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b5ed-9f09cceb8bee
SM_V9_PAR2      iris    exon    12212917        12212976        .
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SM_V9_PAR2      iris    exon    12215222        12215275        .
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Parent=Smp_068840.1;Name=cfa15726-8aba-4220-8187-9a15c17c4da9
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SM_V9_PAR2      iris    exon    12219580        12219691        .
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a2b3-f5824bc0664a
SM_V9_PAR2      iris    exon    12219730        12219819        .
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Parent=Smp_068840.1;Name=7cca6978-5aa8-45a5-89e1-f8dec319f64f
SM_V9_PAR2      iris    exon    12219854        12219939        .
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Parent=Smp_068840.1;Name=fca6c8e4-2037-4c0b-92ac-39b0a28346d3
SM_V9_PAR2      iris    exon    12219976        12222912        .
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SM_V9_PAR2      iris    CDS     12212917        12212976        .
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SM_V9_PAR2      iris    CDS     12215222        12215275        .
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SM_V9_PAR2      iris    CDS     12217222        12217296        .
        -       0       Parent=Smp_068840.1
SM_V9_PAR2      iris    CDS     12219471        12219541        .
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SM_V9_PAR2      iris    CDS     12219580        12219691        .
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SM_V9_PAR2      iris    CDS     12219730        12219819        .
        -       0       Parent=Smp_068840.1
SM_V9_PAR2      iris    CDS     12219854        12219939        .
        -       2       Parent=Smp_068840.1
SM_V9_PAR2      iris    CDS     12219976        12219997        .
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SM_V9_PAR2      Liftoff gene    12234213        12254932        .
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ID=Smp_345070;geneID=Smp_345070;previous_systematic_id=Smp_159430
SM_V9_PAR2      Liftoff mRNA    12234213        12254932        .
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Biedl syndrome 1
protein;polypeptide_domain=InterPro:IPR015943,IPR017986,IPR032728
Pfam:PF14779;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    12234213        12234364        .
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SM_V9_PAR2      Liftoff exon    12236837        12236923        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12238394        12238534        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12239785        12239921        .
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SM_V9_PAR2      Liftoff exon    12243312        12243705        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12245012        12245132        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12246542        12246648        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12249464        12249595        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12249721        12249829        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12250810        12250856        .
        -       .       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff exon    12252397        12252521        .
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SM_V9_PAR2      Liftoff CDS     12234281        12234364        .
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SM_V9_PAR2      Liftoff CDS     12236837        12236923        .
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SM_V9_PAR2      Liftoff CDS     12238394        12238534        .
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SM_V9_PAR2      Liftoff CDS     12239785        12239921        .
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SM_V9_PAR2      Liftoff CDS     12242532        12242690        .
        -       2       Parent=Smp_345070.1
SM_V9_PAR2      Liftoff CDS     12243312        12243705        .
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SM_V9_PAR2      Liftoff CDS     12245012        12245132        .
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SM_V9_PAR2      Liftoff CDS     12246542        12246648        .
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SM_V9_PAR2      Liftoff CDS     12249721        12249829        .
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Biedl syndrome 1
protein;polypeptide_domain=InterPro:IPR015943,IPR017986,IPR032728
Pfam:PF14779;Ontology_term=GO:0005515
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SM_V9_PAR2      Liftoff exon    12236837        12236923        .
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SM_V9_PAR2      Liftoff exon    12243312        12243458        .
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SM_V9_PAR2      Liftoff exon    12243495        12243705        .
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SM_V9_PAR2      Liftoff exon    12245012        12245132        .
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SM_V9_PAR2      Liftoff exon    12246542        12246648        .
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SM_V9_PAR2      Liftoff exon    12249721        12249829        .
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SM_V9_PAR2      Liftoff exon    12252397        12252521        .
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SM_V9_PAR2      Liftoff CDS     12234281        12234364        .
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SM_V9_PAR2      Liftoff CDS     12238394        12238534        .
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SM_V9_PAR2      Liftoff CDS     12239785        12239921        .
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SM_V9_PAR2      Liftoff CDS     12242532        12242690        .
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SM_V9_PAR2      Liftoff CDS     12243312        12243458        .
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SM_V9_PAR2      Liftoff CDS     12243495        12243705        .
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SM_V9_PAR2      Liftoff CDS     12245012        12245132        .
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SM_V9_PAR2      Liftoff CDS     12246542        12246648        .
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SM_V9_PAR2      Liftoff CDS     12249464        12249595        .
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density lipoprotein-receptor related protein;evidence=Traceable
Author
Statement;literature=PMID:9047356;polypeptide_domain=InterPro:IPR002
172,IPR003598,IPR003599,IPR007110,IPR013783,IPR023415
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SM_V9_PAR2      Liftoff exon    12357073        12357670        .
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SM_V9_PAR2      Liftoff CDS     12279391        12279657        .
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SM_V9_PAR2      Liftoff CDS     12285822        12286093        .
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SM_V9_PAR2      Liftoff CDS     12303516        12303682        .
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SM_V9_PAR2      Liftoff CDS     12304345        12304573        .
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SM_V9_PAR2      Liftoff CDS     12304680        12304843        .
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SM_V9_PAR2      Liftoff CDS     12305736        12305843        .
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SM_V9_PAR2      Liftoff CDS     12312185        12312298        .
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SM_V9_PAR2      Liftoff CDS     12313770        12313883        .
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SM_V9_PAR2      Liftoff CDS     12315355        12315468        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12316940        12317053        .
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SM_V9_PAR2      Liftoff CDS     12318525        12318638        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12320110        12320223        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12321694        12321807        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12323279        12323392        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12324864        12324977        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12334227        12334458        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12336561        12336727        .
        +       1       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12339942        12340173        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12340490        12340656        .
        +       1       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12342200        12342419        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12344625        12344791        .
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SM_V9_PAR2      Liftoff CDS     12347881        12348047        .
        +       1       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12349933        12350173        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12351960        12352126        .
        +       1       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12352910        12353047        .
        +       2       Parent=Smp_346610.1
SM_V9_PAR2      Liftoff CDS     12353999        12354133        .
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SM_V9_PAR2      Liftoff CDS     12357073        12357386        .
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SM_V9_PAR2      Liftoff exon    12286780        12286798        .
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SM_V9_PAR2      Liftoff exon    12286901        12287182        .
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SM_V9_PAR2      Liftoff exon    12288557        12288810        .
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SM_V9_PAR2      Liftoff exon    12289391        12289700        .
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SM_V9_PAR2      Liftoff exon    12295637        12295862        .
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SM_V9_PAR2      Liftoff exon    12303516        12303682        .
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SM_V9_PAR2      Liftoff exon    12304345        12304573        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12304680        12304843        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12305736        12305843        .
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SM_V9_PAR2      Liftoff exon    12307430        12307543        .
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SM_V9_PAR2      Liftoff exon    12309015        12309128        .
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SM_V9_PAR2      Liftoff exon    12310600        12310713        .
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SM_V9_PAR2      Liftoff exon    12312185        12312298        .
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SM_V9_PAR2      Liftoff exon    12313770        12313883        .
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SM_V9_PAR2      Liftoff exon    12315355        12315468        .
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SM_V9_PAR2      Liftoff exon    12316940        12317053        .
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SM_V9_PAR2      Liftoff exon    12318525        12318638        .
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        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12326449        12326562        .
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SM_V9_PAR2      Liftoff exon    12328034        12328147        .
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SM_V9_PAR2      Liftoff exon    12332788        12332901        .
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SM_V9_PAR2      Liftoff exon    12334227        12334458        .
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SM_V9_PAR2      Liftoff exon    12336561        12336727        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12339942        12340173        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12340490        12340656        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12342200        12342419        .
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SM_V9_PAR2      Liftoff exon    12344625        12344791        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12346166        12346385        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12347881        12348047        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12349933        12350173        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12351960        12352126        .
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SM_V9_PAR2      Liftoff exon    12352910        12353047        .
        +       .       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff exon    12353999        12354133        .
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SM_V9_PAR2      Liftoff exon    12357073        12357670        .
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SM_V9_PAR2      Liftoff CDS     12261873        12262185        .
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SM_V9_PAR2      Liftoff CDS     12279391        12279657        .
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SM_V9_PAR2      Liftoff CDS     12285822        12286093        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12286780        12286798        .
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SM_V9_PAR2      Liftoff CDS     12286901        12287182        .
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SM_V9_PAR2      Liftoff CDS     12288557        12288810        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12289391        12289700        .
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SM_V9_PAR2      Liftoff CDS     12295637        12295862        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12303516        12303682        .
        +       1       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12304345        12304573        .
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SM_V9_PAR2      Liftoff CDS     12304680        12304843        .
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        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12307430        12307543        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12309015        12309128        .
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SM_V9_PAR2      Liftoff CDS     12310600        12310713        .
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SM_V9_PAR2      Liftoff CDS     12312185        12312298        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12313770        12313883        .
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SM_V9_PAR2      Liftoff CDS     12315355        12315468        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12316940        12317053        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12318525        12318638        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12320110        12320223        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12321694        12321807        .
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SM_V9_PAR2      Liftoff CDS     12324864        12324977        .
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SM_V9_PAR2      Liftoff CDS     12326449        12326562        .
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SM_V9_PAR2      Liftoff CDS     12328034        12328147        .
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SM_V9_PAR2      Liftoff CDS     12329618        12329731        .
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SM_V9_PAR2      Liftoff CDS     12331203        12331316        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12332788        12332901        .
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SM_V9_PAR2      Liftoff CDS     12334227        12334458        .
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SM_V9_PAR2      Liftoff CDS     12336561        12336727        .
        +       1       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12339942        12340173        .
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SM_V9_PAR2      Liftoff CDS     12340490        12340656        .
        +       1       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12342200        12342419        .
        +       2       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12344625        12344791        .
        +       1       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12346166        12346385        .
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SM_V9_PAR2      Liftoff CDS     12347881        12348047        .
        +       1       Parent=Smp_346610.2
SM_V9_PAR2      Liftoff CDS     12349933        12350173        .
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SM_V9_PAR2      Liftoff CDS     12351960        12352126        .
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SM_V9_PAR2      Liftoff CDS     12353999        12354133        .
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SM_V9_PAR2      Liftoff exon    12279391        12279657        .
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SM_V9_PAR2      Liftoff exon    12285822        12286093        .
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SM_V9_PAR2      Liftoff exon    12286780        12286798        .
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SM_V9_PAR2      Liftoff exon    12286901        12287182        .
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SM_V9_PAR2      Liftoff exon    12288557        12288810        .
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SM_V9_PAR2      Liftoff exon    12289391        12289700        .
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SM_V9_PAR2      Liftoff exon    12295637        12295862        .
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SM_V9_PAR2      Liftoff exon    12303516        12303682        .
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SM_V9_PAR2      Liftoff exon    12304345        12304573        .
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SM_V9_PAR2      Liftoff exon    12304680        12304843        .
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SM_V9_PAR2      Liftoff exon    12305736        12305843        .
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SM_V9_PAR2      Liftoff exon    12307430        12307543        .
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SM_V9_PAR2      Liftoff exon    12310600        12310713        .
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SM_V9_PAR2      Liftoff exon    12315355        12315468        .
        +       .       Parent=Smp_346610.3
SM_V9_PAR2      Liftoff exon    12316940        12317053        .
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SM_V9_PAR2      Liftoff exon    12318525        12318638        .
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SM_V9_PAR2      Liftoff exon    12324864        12324977        .
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SM_V9_PAR2      Liftoff exon    12326449        12326562        .
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SM_V9_PAR2      Liftoff exon    12329618        12329731        .
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SM_V9_PAR2      Liftoff exon    12332788        12332901        .
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SM_V9_PAR2      Liftoff exon    12334227        12334458        .
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SM_V9_PAR2      Liftoff exon    12336561        12336727        .
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SM_V9_PAR2      Liftoff exon    12339942        12340173        .
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SM_V9_PAR2      Liftoff exon    12340490        12340656        .
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SM_V9_PAR2      Liftoff exon    12342200        12342419        .
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SM_V9_PAR2      Liftoff exon    12351960        12352126        .
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SM_V9_PAR2      Liftoff exon    12357073        12357670        .
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SM_V9_PAR2      Liftoff CDS     12279391        12279657        .
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SM_V9_PAR2      Liftoff CDS     12285822        12286093        .
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SM_V9_PAR2      Liftoff CDS     12286780        12286798        .
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SM_V9_PAR2      Liftoff CDS     12289391        12289700        .
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SM_V9_PAR2      Liftoff CDS     12295637        12295862        .
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SM_V9_PAR2      Liftoff CDS     12303516        12303682        .
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SM_V9_PAR2      Liftoff CDS     12304345        12304573        .
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SM_V9_PAR2      Liftoff CDS     12304680        12304843        .
        +       1       Parent=Smp_346610.3
SM_V9_PAR2      Liftoff CDS     12305736        12305843        .
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SM_V9_PAR2      Liftoff CDS     12307430        12307543        .
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SM_V9_PAR2      Liftoff CDS     12309015        12309128        .
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SM_V9_PAR2      Liftoff CDS     12316940        12317053        .
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SM_V9_PAR2      Liftoff CDS     12331203        12331316        .
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SM_V9_PAR2      Liftoff CDS     12332788        12332901        .
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SM_V9_PAR2      Liftoff CDS     12334227        12334458        .
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SM_V9_PAR2      Liftoff CDS     12336561        12336727        .
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SM_V9_PAR2      Liftoff CDS     12339942        12340173        .
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SM_V9_PAR2      Liftoff CDS     12342200        12342419        .
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SM_V9_PAR2      Liftoff CDS     12344625        12344791        .
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SM_V9_PAR2      Liftoff CDS     12347881        12348047        .
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SM_V9_PAR2      Liftoff CDS     12349933        12350173        .
        +       2       Parent=Smp_346610.3
SM_V9_PAR2      Liftoff CDS     12351960        12352126        .
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SM_V9_PAR2      Liftoff CDS     12357073        12357386        .
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SM_V9_PAR2      Liftoff mRNA    12260846        12357670        .
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Author
Statement;literature=PMID:9047356;polypeptide_domain=InterPro:IPR002
172,IPR003598,IPR003599,IPR007110,IPR013783,IPR023415
Pfam:PF00057,PF13895,PF13927;Ontology_term=GO:0005515
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SM_V9_PAR2      Liftoff exon    12279391        12279657        .
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SM_V9_PAR2      Liftoff exon    12285822        12286093        .
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SM_V9_PAR2      Liftoff exon    12286780        12286798        .
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SM_V9_PAR2      Liftoff exon    12286901        12287182        .
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SM_V9_PAR2      Liftoff exon    12295637        12295862        .
        +       .       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff exon    12303516        12303682        .
        +       .       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff exon    12304345        12304573        .
        +       .       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff exon    12304680        12304843        .
        +       .       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff exon    12305736        12305843        .
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SM_V9_PAR2      Liftoff exon    12334227        12334458        .
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        +       .       Parent=Smp_346610.4
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        +       .       Parent=Smp_346610.4
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        +       .       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff exon    12342200        12342419        .
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SM_V9_PAR2      Liftoff CDS     12286780        12286798        .
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SM_V9_PAR2      Liftoff CDS     12305736        12305843        .
        +       2       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff CDS     12334227        12334458        .
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SM_V9_PAR2      Liftoff CDS     12336561        12336727        .
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SM_V9_PAR2      Liftoff CDS     12339942        12340173        .
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SM_V9_PAR2      Liftoff CDS     12342200        12342419        .
        +       2       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff CDS     12344625        12344791        .
        +       1       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff CDS     12346166        12346385        .
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SM_V9_PAR2      Liftoff CDS     12347881        12348047        .
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SM_V9_PAR2      Liftoff CDS     12349933        12350173        .
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SM_V9_PAR2      Liftoff CDS     12351960        12352126        .
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SM_V9_PAR2      Liftoff CDS     12352910        12353047        .
        +       2       Parent=Smp_346610.4
SM_V9_PAR2      Liftoff CDS     12353999        12354133        .
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SM_V9_PAR2      Liftoff CDS     12357073        12357386        .
        +       2       Parent=Smp_346610.4
SM_V9_PAR2      iris    gene    12359953        12362733        .
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ID=Smp_350020.1;Parent=Smp_350020;geneID=Smp_350020;gene_name=Smp_35
0020;owner=irisadmin@local.host;orig_id=Smp_341720.1;date_last_modif
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SM_V9_PAR2      iris    exon    12359953        12360240        .
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e205-4a2f-871b-41b8243b6bcc
SM_V9_PAR2      iris    exon    12361944        12362733        .
        -       .       Parent=Smp_350020.1;Name=1dd43733-14b3-4d71-
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SM_V9_PAR2      iris    CDS     12360130        12360240        .
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SM_V9_PAR2      iris    gene    12364610        12369391        .
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ID=Smp_341720;geneID=Smp_341720;gene_name=Smp_341720;owner=irisadmin
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1720;owner=irisadmin@local.host;orig_id=Smp_341720.1;date_last_modif
ied=2022-08-19;Name=Smp_341720.1;product=Zinc finger MYND domain-
containing protein 12;date_creation=2022-08-19
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SM_V9_PAR2      iris    exon    12367797        12367935        .
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SM_V9_PAR2      iris    exon    12367973        12368160        .
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SM_V9_PAR2      iris    exon    12369355        12369391        .
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SM_V9_PAR2      iris    CDS     12366712        12366883        .
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SM_V9_PAR2      iris    CDS     12367797        12367935        .
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SM_V9_PAR2      iris    CDS     12367973        12368100        .
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homolog;polypeptide_domain=InterPro:IPR019351 Pfam:PF10217
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SM_V9_PAR2      Liftoff exon    12386294        12386367        .
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SM_V9_PAR2      Liftoff exon    12392868        12393181        .
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SM_V9_PAR2      Liftoff CDS     12381276        12381484        .
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SM_V9_PAR2      Liftoff CDS     12384506        12384622        .
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SM_V9_PAR2      Liftoff CDS     12386294        12386367        .
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SM_V9_PAR2      Liftoff CDS     12392868        12393037        .
        +       2       Parent=Smp_179380.1
SM_V9_PAR2      Liftoff gene    12393862        12403552        .
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SM_V9_PAR2      Liftoff mRNA    12393862        12403552        .
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ID=Smp_340450.1;Parent=Smp_340450;geneID=Smp_340450;product=Transcri
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Pfam:PF00096;Ontology_term=GO:0003676
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SM_V9_PAR2      Liftoff exon    12397179        12397711        .
        -       .       Parent=Smp_340450.1
SM_V9_PAR2      Liftoff exon    12402762        12402950        .
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SM_V9_PAR2      Liftoff exon    12402985        12403552        .
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SM_V9_PAR2      Liftoff CDS     12394970        12395363        .
        -       1       Parent=Smp_340450.1
SM_V9_PAR2      Liftoff CDS     12395747        12395910        .
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SM_V9_PAR2      Liftoff CDS     12397179        12397711        .
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SM_V9_PAR2      Liftoff CDS     12402762        12402950        .
        -       2       Parent=Smp_340450.1
SM_V9_PAR2      Liftoff CDS     12402985        12403477        .
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SM_V9_PAR2      Liftoff exon    12426119        12426648        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff exon    12433272        12433357        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff exon    12435292        12435369        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff exon    12437465        12437729        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff exon    12440201        12440440        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff exon    12443881        12443998        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff exon    12445318        12445460        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff exon    12445498        12448212        .
        -       .       Parent=Smp_024000.1
SM_V9_PAR2      Liftoff CDS     12407777        12408084        .
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SM_V9_PAR2      Liftoff CDS     12418652        12418926        .
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SM_V9_PAR2	Liftoff	CDS	12424013	12424363	.
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	-	2	Parent=Smp_024000.1
SM_V9_PAR2	Liftoff	CDS	12435292	12435369	.
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SM_V9_PAR2	Liftoff	CDS	12437465	12437729	.
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SM_V9_PAR2	Liftoff	CDS	12440201	12440440	.
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SM_V9_PAR2	Liftoff	CDS	12443881	12443998	.
	-	1	Parent=Smp_024000.1
SM_V9_PAR2	Liftoff	CDS	12445318	12445460	.
	-	0	Parent=Smp_024000.1
SM_V9_PAR2	Liftoff	CDS	12445498	12445563	.
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SM_V9_PAR2	Liftoff	mRNA	12452156	12452876	.
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SM_V9_PAR2	Liftoff	CDS	12452209	12452316	.
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SM_V9_PAR2	Liftoff	CDS	12452358	12452404	.
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SM_V9_PAR2	Liftoff	CDS	12452446	12452695	.
	+	1	Parent=Smp_024010.1
SM_V9_PAR2	Liftoff	gene	12479013	12504271	.
	-	.	ID=Smp_135160;geneID=Smp_135160
SM_V9_PAR2	Liftoff	mRNA	12479013	12504271	.
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ID=Smp_135160.1;Parent=Smp_135160;geneID=Smp_135160;product=Dual
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Mpk3;polypeptide_domain=InterPro:IPR000340,IPR000387,IPR001763,IPR00
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Pfam:PF00581,PF00782;Ontology_term=GO:0006470,GO:0008138,GO:0016311,
GO:0016791
SM_V9_PAR2	Liftoff	exon	12479013	12480441	.
	-	.	Parent=Smp_135160.1
SM_V9_PAR2	Liftoff	exon	12484987	12485175	.
	-	.	Parent=Smp_135160.1
SM_V9_PAR2	Liftoff	exon	12495214	12495414	.
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SM_V9_PAR2	Liftoff	exon	12495463	12495654	.
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SM_V9_PAR2      Liftoff CDS     12479840        12480441        .
        -       2       Parent=Smp_135160.1
SM_V9_PAR2      Liftoff CDS     12484987        12485175        .
        -       2       Parent=Smp_135160.1
SM_V9_PAR2      Liftoff CDS     12495214        12495414        .
        -       2       Parent=Smp_135160.1
SM_V9_PAR2      Liftoff CDS     12495463        12495654        .
        -       2       Parent=Smp_135160.1
SM_V9_PAR2      Liftoff CDS     12503650        12504133        .
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SM_V9_PAR2      iris    gene    12529439        12537182        .
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acetylglucosaminyltransferase subunit C;date_creation=2022-08-19
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        +       .       Parent=Smp_323650.1;Name=0c4cd33d-faea-4521-
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SM_V9_PAR2      iris    exon    12530778        12530926        .
        +       .       Parent=Smp_323650.1;Name=c60c8d4c-d5da-445d-
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SM_V9_PAR2      iris    exon    12531986        12532317        .
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SM_V9_PAR2      iris    exon    12536832        12537182        .
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SM_V9_PAR2      iris    CDS     12530531        12530642        .
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SM_V9_PAR2      iris    CDS     12530677        12530746        .
        +       2       Parent=Smp_323650.1
SM_V9_PAR2      iris    CDS     12530778        12530926        .
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SM_V9_PAR2      iris    CDS     12531986        12532317        .
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SM_V9_PAR2      iris    CDS     12536142        12536338        .
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SM_V9_PAR2      Liftoff mRNA    12536878        12546015        .
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ID=Smp_024030.1;Parent=Smp_024030;geneID=Smp_024030;product=39S
ribosomal protein L49,
mitochondrial;polypeptide_domain=InterPro:IPR007740
Pfam:PF05046;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_PAR2      Liftoff exon    12536878        12537078        .
        -       .       Parent=Smp_024030.1
SM_V9_PAR2      Liftoff exon    12538225        12538376        .
        -       .       Parent=Smp_024030.1
SM_V9_PAR2      Liftoff exon    12539939        12540158        .
        -       .       Parent=Smp_024030.1
SM_V9_PAR2      Liftoff exon    12540194        12546015        .
        -       .       Parent=Smp_024030.1
SM_V9_PAR2      Liftoff CDS     12536929        12537078        .
        -       0       Parent=Smp_024030.1
SM_V9_PAR2      Liftoff CDS     12538225        12538376        .
        -       2       Parent=Smp_024030.1
SM_V9_PAR2      Liftoff CDS     12539939        12540158        .
        -       0       Parent=Smp_024030.1
SM_V9_PAR2      Liftoff CDS     12540194        12540250        .
        -       0       Parent=Smp_024030.1
SM_V9_PAR2      iris    gene    12553829        12571044        .
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ID=Smp_135170;geneID=Smp_135170;gene_name=Smp_135170;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    12553829        12571044        .
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ID=Smp_135170.1;Parent=Smp_135170;geneID=Smp_135170;gene_name=Smp_13
5170;owner=irisadmin@local.host;orig_id=Smp_135170.1;date_last_modif
ied=2022-07-17;Name=Smp_135170.1;product=Cilia- and flagella-
associated protein 206;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    12553829        12553966        .
        +       .       Parent=Smp_135170.1;Name=5bb6949f-e517-4ef8-
abd4-b8350b2ff90b
SM_V9_PAR2      iris    exon    12554011        12554094        .
        +       .       Parent=Smp_135170.1;Name=93daa50f-90f4-46b5-
acea-1c696243225d
SM_V9_PAR2      iris    exon    12554128        12554218        .
        +       .       Parent=Smp_135170.1;Name=f7a23cf1-9f22-42dc-
b620-b3e4b1ba6d7e
SM_V9_PAR2      iris    exon    12556216        12556404        .
        +       .
Parent=Smp_135170.1;Name=e3f5efe5-99a3-43d0-80dd-4210b0268daa
SM_V9_PAR2      iris    exon    12558127        12558285        .
        +       .
Parent=Smp_135170.1;Name=a40ebd9d-028e-4ba7-90d5-f9e51878fcce
SM_V9_PAR2      iris    exon    12559463        12559555        .
        +       .       Parent=Smp_135170.1;Name=19e896aa-f477-4e4d-
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ad68-796dda0e8554
SM_V9_PAR2      iris    exon    12560783        12561051        .
        +       .       Parent=Smp_135170.1;Name=4d72e87c-
cf21-41bb-9abd-9cec9e21ceca
SM_V9_PAR2      iris    exon    12561232        12561417        .
        +       .       Parent=Smp_135170.1;Name=e104c014-
d793-45b5-9a6b-a78b6f40cbd9
SM_V9_PAR2      iris    exon    12562550        12562645        .
        +       .       Parent=Smp_135170.1;Name=0335e849-91c6-4b38-
ba1a-94540b5e4976
SM_V9_PAR2      iris    exon    12563879        12564027        .
        +       .
Parent=Smp_135170.1;Name=cc27d31f-9026-4b22-9ed5-677c132adb25
SM_V9_PAR2      iris    exon    12565398        12565494        .
        +       .
Parent=Smp_135170.1;Name=7b31b957-6b93-4bf7-87fc-e78043ff7abd
SM_V9_PAR2      iris    exon    12567303        12567437        .
        +       .       Parent=Smp_135170.1;Name=9a96c0ca-b9ff-411d-
a16a-231f4906cd93
SM_V9_PAR2      iris    exon    12569096        12569184        .
        +       .
Parent=Smp_135170.1;Name=48ccf229-78d6-4b44-985e-dcfdf1e5d370
SM_V9_PAR2      iris    exon    12570624        12571044        .
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Parent=Smp_135170.1;Name=020816cc-2e28-4f8e-9552-01c330f4f3ab
SM_V9_PAR2      iris    CDS     12553859        12553966        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12554011        12554094        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12554128        12554218        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12556216        12556404        .
        +       2       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12558127        12558285        .
        +       2       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12559463        12559555        .
        +       2       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12560783        12561051        .
        +       2       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12561232        12561417        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12562550        12562645        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12563879        12564027        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12565398        12565494        .
        +       1       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12567303        12567437        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12569096        12569184        .
        +       0       Parent=Smp_135170.1
SM_V9_PAR2      iris    CDS     12570624        12570870        .
        +       1       Parent=Smp_135170.1
SM_V9_PAR2      Liftoff gene    12578060        12594775        .
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ID=Smp_306140;geneID=Smp_306140;previous_systematic_id=Smp_024060
SM_V9_PAR2      Liftoff mRNA    12578060        12594775        .
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ID=Smp_306140.1;Parent=Smp_306140;geneID=Smp_306140;product=Mediator
of RNA polymerase II transcription subunit
31;polypeptide_domain=InterPro:IPR008831
Pfam:PF05669;Ontology_term=GO:0001104,GO:0006355,GO:0016592
SM_V9_PAR2      Liftoff exon    12578060        12578986        .
        -       .       Parent=Smp_306140.1
SM_V9_PAR2      Liftoff exon    12586845        12586941        .
        -       .       Parent=Smp_306140.1
SM_V9_PAR2      Liftoff exon    12593601        12594775        .
        -       .       Parent=Smp_306140.1
SM_V9_PAR2      Liftoff CDS     12578806        12578986        .
        -       1       Parent=Smp_306140.1
SM_V9_PAR2      Liftoff CDS     12586845        12586941        .
        -       2       Parent=Smp_306140.1
SM_V9_PAR2      Liftoff CDS     12593601        12593637        .
        -       0       Parent=Smp_306140.1
SM_V9_PAR2      Liftoff mRNA    12578060        12594775        .
        -       .
ID=Smp_306140.2;Parent=Smp_306140;geneID=Smp_306140;product=Mediator
of RNA polymerase II transcription subunit
31;polypeptide_domain=InterPro:IPR008831
Pfam:PF05669;Ontology_term=GO:0001104,GO:0006355,GO:0016592
SM_V9_PAR2      Liftoff exon    12578060        12578986        .
        -       .       Parent=Smp_306140.2
SM_V9_PAR2      Liftoff exon    12586845        12587055        .
        -       .       Parent=Smp_306140.2
SM_V9_PAR2      Liftoff exon    12593601        12594775        .
        -       .       Parent=Smp_306140.2
SM_V9_PAR2      Liftoff CDS     12578806        12578986        .
        -       1       Parent=Smp_306140.2
SM_V9_PAR2      Liftoff CDS     12586845        12587055        .
        -       2       Parent=Smp_306140.2
SM_V9_PAR2      Liftoff CDS     12593601        12593637        .
        -       0       Parent=Smp_306140.2
SM_V9_PAR2      Liftoff mRNA    12578060        12594775        .
        -       .
ID=Smp_306140.3;Parent=Smp_306140;geneID=Smp_306140;product=Mediator
of RNA polymerase II transcription subunit
31;polypeptide_domain=InterPro:IPR008831
Pfam:PF05669;Ontology_term=GO:0001104,GO:0006355,GO:0016592
SM_V9_PAR2      Liftoff exon    12578060        12578986        .
        -       .       Parent=Smp_306140.3
SM_V9_PAR2      Liftoff exon    12586845        12586941        .
        -       .       Parent=Smp_306140.3
SM_V9_PAR2      Liftoff exon    12593488        12593559        .
        -       .       Parent=Smp_306140.3
SM_V9_PAR2      Liftoff exon    12593601        12594775        .
        -       .       Parent=Smp_306140.3
SM_V9_PAR2      Liftoff CDS     12578806        12578986        .
        -       1       Parent=Smp_306140.3
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SM_V9_PAR2	Liftoff	CDS	12586845	12586941	.
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SM_V9_PAR2	Liftoff	CDS	12593488	12593559	.
	-	2	Parent=Smp_306140.3
SM_V9_PAR2	Liftoff	CDS	12593601	12593637	.
	-	0	Parent=Smp_306140.3
SM_V9_PAR2	Liftoff	gene	12601789	12700857	.
	+	.
ID=Smp_244400;geneID=Smp_244400;previous_systematic_id=Smp_024070,Sm
p_135180,Smp_135190
SM_V9_PAR2	Liftoff	mRNA	12601789	12700857	.
	+	.
ID=Smp_244400.2;Parent=Smp_244400;geneID=Smp_244400;product=FERM,
RhoGEF and pleckstrin domain-containing protein
2;polypeptide_domain=InterPro:IPR000299,IPR000798,IPR011993,IPR01435
2,IPR014847,IPR018979,IPR018980,IPR019748,IPR019749,IPR029071
Pfam:PF00373,PF08736,PF09379,PF09380;Ontology_term=GO:0005856,GO:000
8092
SM_V9_PAR2	Liftoff	exon	12601789	12608791	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12618186	12618290	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12631179	12631300	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12632803	12632900	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12634221	12634344	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12635712	12635799	.
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SM_V9_PAR2	Liftoff	exon	12636431	12636586	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12642965	12643113	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12645453	12645527	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12647114	12648119	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12650775	12650868	.
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SM_V9_PAR2	Liftoff	exon	12656243	12657045	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12661835	12663087	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12666548	12667176	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12672857	12673302	.
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SM_V9_PAR2	Liftoff	exon	12680119	12680262	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12682437	12682692	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12684576	12686157	.
	+	.	Parent=Smp_244400.2
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SM_V9_PAR2	Liftoff	exon	12689270	12689556	.
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SM_V9_PAR2	Liftoff	exon	12692405	12692712	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12693533	12693742	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12695481	12696162	.
	+	.	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	exon	12699303	12700857	.
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SM_V9_PAR2	Liftoff	CDS	12608702	12608791	.
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SM_V9_PAR2	Liftoff	CDS	12618186	12618290	.
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SM_V9_PAR2	Liftoff	CDS	12631179	12631300	.
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SM_V9_PAR2	Liftoff	CDS	12632803	12632900	.
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SM_V9_PAR2	Liftoff	CDS	12634221	12634344	.
	+	2	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12635712	12635799	.
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SM_V9_PAR2	Liftoff	CDS	12636431	12636586	.
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SM_V9_PAR2	Liftoff	CDS	12642965	12643113	.
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SM_V9_PAR2	Liftoff	CDS	12645453	12645527	.
	+	1	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12647114	12648119	.
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SM_V9_PAR2	Liftoff	CDS	12650775	12650868	.
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SM_V9_PAR2	Liftoff	CDS	12656243	12657045	.
	+	2	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12661835	12663087	.
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SM_V9_PAR2	Liftoff	CDS	12666548	12667176	.
	+	1	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12672857	12673302	.
	+	2	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12680119	12680262	.
	+	0	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12682437	12682692	.
	+	0	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12684576	12686157	.
	+	2	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12689270	12689556	.
	+	1	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12692405	12692712	.
	+	2	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12693533	12693742	.
	+	0	Parent=Smp_244400.2
SM_V9_PAR2	Liftoff	CDS	12695481	12696162	.
	+	0	Parent=Smp_244400.2
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SM_V9_PAR2      Liftoff CDS     12699303        12699400        .
        +       2       Parent=Smp_244400.2
SM_V9_PAR2      Liftoff mRNA    12661615        12700857        .
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ID=Smp_244400.1;Parent=Smp_244400;geneID=Smp_244400;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    12661615        12663087        .
        +       .       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff exon    12666548        12667176        .
        +       .       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff exon    12672857        12673302        .
        +       .       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff exon    12680119        12680262        .
        +       .       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff exon    12682437        12682692        .
        +       .       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff exon    12684576        12686157        .
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SM_V9_PAR2      Liftoff exon    12689270        12689556        .
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SM_V9_PAR2      Liftoff exon    12692405        12692712        .
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SM_V9_PAR2      Liftoff exon    12693533        12693742        .
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SM_V9_PAR2      Liftoff exon    12695481        12696162        .
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SM_V9_PAR2      Liftoff exon    12699303        12700857        .
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SM_V9_PAR2      Liftoff CDS     12662183        12663087        .
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SM_V9_PAR2      Liftoff CDS     12666548        12667176        .
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SM_V9_PAR2      Liftoff CDS     12672857        12673302        .
        +       2       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff CDS     12680119        12680262        .
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SM_V9_PAR2      Liftoff CDS     12682437        12682692        .
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SM_V9_PAR2      Liftoff CDS     12684576        12686157        .
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SM_V9_PAR2      Liftoff CDS     12689270        12689556        .
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SM_V9_PAR2      Liftoff CDS     12692405        12692712        .
        +       2       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff CDS     12693533        12693742        .
        +       0       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff CDS     12695481        12696162        .
        +       0       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff CDS     12699303        12699400        .
        +       2       Parent=Smp_244400.1
SM_V9_PAR2      Liftoff gene    12702654        12703660        .
        +       .       ID=Smp_135200;geneID=Smp_135200
SM_V9_PAR2      Liftoff mRNA    12702654        12703660        .
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ID=Smp_135200.1;Parent=Smp_135200;geneID=Smp_135200;product=Glycerol
-3-phosphate 2-O-acyltransferase 4
SM_V9_PAR2      Liftoff exon    12702654        12703660        .
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SM_V9_PAR2      Liftoff CDS     12702938        12703312        .
        +       0       Parent=Smp_135200.1
SM_V9_PAR2      iris    gene    12734113        12833709        .
        +       .
ID=Smp_135210;geneID=Smp_135210;gene_name=Smp_135210;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    12734113        12833709        .
        +       .
ID=Smp_135210.1;Parent=Smp_135210;geneID=Smp_135210;gene_name=Smp_13
5210;owner=irisadmin@local.host;orig_id=Smp_135210.1;date_last_modif
ied=2022-07-18;Name=Smp_135210.1;product=Multiple epidermal growth
factor-like domains protein 6;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    12734113        12734809        .
        +       .
Parent=Smp_135210.1;Name=2f6ed86a-3515-4070-976a-3298dc36ea01
SM_V9_PAR2      iris    exon    12753961        12754098        .
        +       .       Parent=Smp_135210.1;Name=3483e808-f91e-426c-
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SM_V9_PAR2      iris    exon    12756649        12756758        .
        +       .       Parent=Smp_135210.1;Name=b3480d7a-218d-4403-
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SM_V9_PAR2      iris    exon    12765038        12765160        .
        +       .
Parent=Smp_135210.1;Name=1a0143ba-5bc5-4993-9134-248de455f61d
SM_V9_PAR2      iris    exon    12766380        12766505        .
        +       .       Parent=Smp_135210.1;Name=c7ddfa69-3897-4f25-
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SM_V9_PAR2      iris    exon    12770459        12770587        .
        +       .       Parent=Smp_135210.1;Name=51e67632-854a-4e9a-
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SM_V9_PAR2      iris    exon    12774479        12774604        .
        +       .       Parent=Smp_135210.1;Name=4a05f7cc-cc34-4fcc-
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SM_V9_PAR2      iris    exon    12783077        12783199        .
        +       .       Parent=Smp_135210.1;Name=b5199311-f841-4ff0-
b75c-95733d3cb994
SM_V9_PAR2      iris    exon    12784052        12784192        .
        +       .       Parent=Smp_135210.1;Name=e8b888b2-dc44-49b0-
a955-354beafd1b61
SM_V9_PAR2      iris    exon    12784949        12785080        .
        +       .
Parent=Smp_135210.1;Name=7ba43c91-9b68-482e-966a-0abbd5cfdf59
SM_V9_PAR2      iris    exon    12785695        12785817        .
        +       .
Parent=Smp_135210.1;Name=22144c03-3eb1-42f8-8edd-680896aae680
SM_V9_PAR2      iris    exon    12787472        12787618        .
        +       .
Parent=Smp_135210.1;Name=7a663a73-718c-4740-8a20-5858bcea08e9
SM_V9_PAR2      iris    exon    12792725        12792876        .
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Parent=Smp_135210.1;Name=f2fa4dfa-9110-4ceb-81c6-966c8ff74e6b
SM_V9_PAR2      iris    exon    12797255        12797398        .
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Parent=Smp_135210.1;Name=db6a4512-172a-4872-886f-f6c2627ec69b
SM_V9_PAR2      iris    exon    12799454        12799585        .
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SM_V9_PAR2      iris    exon    12801545        12801577        .
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SM_V9_PAR2      iris    exon    12811462        12811688        .
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Parent=Smp_135210.1;Name=fcc9c519-7f79-475a-8d40-392eb6107194
SM_V9_PAR2      iris    exon    12813517        12813618        .
        +       .       Parent=Smp_135210.1;Name=be73e608-8f0a-41e6-
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SM_V9_PAR2      iris    exon    12814871        12815026        .
        +       .       Parent=Smp_135210.1;Name=2ec9e904-
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SM_V9_PAR2      iris    exon    12816190        12816509        .
        +       .       Parent=Smp_135210.1;Name=6c9aa159-8962-4ac6-
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SM_V9_PAR2      iris    exon    12821629        12821854        .
        +       .       Parent=Smp_135210.1;Name=38b9e733-23d2-4349-
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SM_V9_PAR2      iris    exon    12824880        12825002        .
        +       .       Parent=Smp_135210.1;Name=c3b1b9cf-c6f6-4863-
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SM_V9_PAR2      iris    exon    12829960        12830094        .
        +       .       Parent=Smp_135210.1;Name=9b530563-ffce-4fa1-
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SM_V9_PAR2      iris    exon    12833483        12833709        .
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SM_V9_PAR2      iris    CDS     12734445        12734809        .
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SM_V9_PAR2	iris	CDS	12756649	12756758	.
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SM_V9_PAR2	iris	CDS	12765038	12765160	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12766380	12766505	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12770459	12770587	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12774479	12774604	.
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SM_V9_PAR2	iris	CDS	12783077	12783199	.
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SM_V9_PAR2	iris	CDS	12784052	12784192	.
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SM_V9_PAR2	iris	CDS	12784949	12785080	.
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SM_V9_PAR2	iris	CDS	12785695	12785817	.
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SM_V9_PAR2	iris	CDS	12787472	12787618	.
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SM_V9_PAR2	iris	CDS	12792725	12792876	.
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SM_V9_PAR2	iris	CDS	12793489	12793836	.
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SM_V9_PAR2	iris	CDS	12794780	12794963	.
	+	0	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12797255	12797398	.
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SM_V9_PAR2	iris	CDS	12799454	12799585	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12801545	12801577	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12804441	12804569	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12805993	12806220	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12807115	12807552	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12807636	12807807	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12811462	12811688	.
	+	1	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12813517	12813618	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12814871	12815026	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12816190	12816509	.
	+	2	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12821629	12821854	.
	+	0	Parent=Smp_135210.1
SM_V9_PAR2	iris	CDS	12824880	12825002	.
	+	2	Parent=Smp_135210.1
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SM_V9_PAR2	iris	CDS	12829960	12830094	.
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SM_V9_PAR2	iris	CDS	12833483	12833529	.
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SM_V9_PAR2	iris	gene	12838981	12845277	.
	-	.
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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2	iris	mRNA	12838981	12845277	.
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SM_V9_PAR2	iris	exon	12838981	12839214	.
	-	.	Parent=Smp_024110.1;Name=ca253d87-6d05-4e25-
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SM_V9_PAR2	iris	exon	12839683	12839916	.
	-	.	Parent=Smp_024110.1;Name=6318c573-83fe-4347-
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SM_V9_PAR2	iris	exon	12841793	12842070	.
	-	.	Parent=Smp_024110.1;Name=09b0ef3c-
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SM_V9_PAR2	iris	exon	12842865	12843153	.
	-	.	Parent=Smp_024110.1;Name=bbf99439-a009-480c-
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SM_V9_PAR2	iris	exon	12843343	12843410	.
	-	.	Parent=Smp_024110.1;Name=a6f1034f-7e9a-4de4-
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SM_V9_PAR2	iris	exon	12844631	12844855	.
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SM_V9_PAR2	iris	CDS	12839683	12839916	.
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SM_V9_PAR2	iris	CDS	12841793	12842070	.
	-	2	Parent=Smp_024110.1
SM_V9_PAR2	iris	CDS	12842865	12843153	.
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SM_V9_PAR2	iris	CDS	12843343	12843410	.
	-	2	Parent=Smp_024110.1
SM_V9_PAR2	iris	CDS	12844631	12844855	.
	-	2	Parent=Smp_024110.1
SM_V9_PAR2	iris	CDS	12845182	12845266	.
	-	0	Parent=Smp_024110.1
SM_V9_PAR2	Liftoff	gene	12845330	12846657	.
	-	.	ID=Smp_024120;geneID=Smp_024120
SM_V9_PAR2	Liftoff	mRNA	12845330	12846657	.
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Statement;literature=PMID:9297698;polypeptide_domain=InterPro:IPR003
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SM_V9_PAR2      Liftoff CDS     12845384        12845776        .
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ID=Smp_323660;geneID=Smp_323660;previous_systematic_id=Smp_135220
SM_V9_PAR2      Liftoff mRNA    12852219        12869300        .
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SM_V9_PAR2      Liftoff exon    12852219        12852522        .
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SM_V9_PAR2      Liftoff exon    12852552        12852669        .
        +       .       Parent=Smp_323660.1
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SM_V9_PAR2      Liftoff exon    12852948        12853044        .
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SM_V9_PAR2      Liftoff exon    12855330        12855625        .
        +       .       Parent=Smp_323660.1
SM_V9_PAR2      Liftoff exon    12860557        12860673        .
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SM_V9_PAR2      Liftoff exon    12866223        12866352        .
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SM_V9_PAR2      Liftoff exon    12869080        12869300        .
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SM_V9_PAR2      Liftoff CDS     12852468        12852522        .
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SM_V9_PAR2      Liftoff CDS     12852706        12852779        .
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SM_V9_PAR2      Liftoff CDS     12852816        12852895        .
        +       2       Parent=Smp_323660.1
SM_V9_PAR2      Liftoff CDS     12852948        12853044        .
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SM_V9_PAR2      Liftoff CDS     12855330        12855625        .
        +       2       Parent=Smp_323660.1
SM_V9_PAR2      Liftoff CDS     12860557        12860673        .
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SM_V9_PAR2      Liftoff CDS     12861161        12861468        .
        +       0       Parent=Smp_323660.1
SM_V9_PAR2      Liftoff CDS     12862706        12862975        .
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SM_V9_PAR2      Liftoff CDS     12866223        12866352        .
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SM_V9_PAR2      Liftoff gene    12887449        12900324        .
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SM_V9_PAR2      Liftoff exon    12887449        12887871        .
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SM_V9_PAR2      Liftoff exon    12890763        12891125        .
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        -       .       Parent=Smp_024140.1
SM_V9_PAR2      Liftoff exon    12899796        12899989        .
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SM_V9_PAR2      Liftoff exon    12900021        12900324        .
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SM_V9_PAR2      Liftoff CDS     12887731        12887871        .
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SM_V9_PAR2      Liftoff CDS     12899796        12899989        .
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SM_V9_PAR2      Liftoff CDS     12900021        12900219        .
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SM_V9_PAR2      Liftoff exon    12922291        12922473        .
        +       .       Parent=Smp_024150.1
SM_V9_PAR2      Liftoff exon    12925260        12925531        .
        +       .       Parent=Smp_024150.1
SM_V9_PAR2      Liftoff exon    12929088        12929309        .
        +       .       Parent=Smp_024150.1
SM_V9_PAR2      Liftoff exon    12930423        12930637        .
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SM_V9_PAR2      Liftoff exon    12933772        12933983        .
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SM_V9_PAR2      Liftoff CDS     12917452        12917533        .
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SM_V9_PAR2      Liftoff CDS     12933772        12933983        .
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SM_V9_PAR2      Liftoff CDS     12934093        12934179        .
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SM_V9_PAR2      iris    gene    12937924        12966352        .
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SM_V9_PAR2      iris    mRNA    12937924        12966352        .
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SM_V9_PAR2      iris    exon    12944733        12944924        .
        -       .       Parent=Smp_135230.1;Name=b4334be1-a8fe-47e7-
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SM_V9_PAR2      iris    exon    12949325        12949426        .
        -       .
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        -       .       Parent=Smp_135230.1;Name=e3d92e62-e7d0-4ad4-
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SM_V9_PAR2      iris    exon    12951690        12951703        .
        -       .
Parent=Smp_135230.1;Name=1c1e134f-8b84-4783-9c16-4948105ed9c8
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        -       .       Parent=Smp_135230.1;Name=7508d0e0-3850-420d-
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SM_V9_PAR2      iris    exon    12955006        12955073        .
        -       .       Parent=Smp_135230.1;Name=54e603a7-269c-4d3e-
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SM_V9_PAR2      iris    exon    12956509        12956670        .
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SM_V9_PAR2      iris    exon    12961842        12961988        .
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SM_V9_PAR2      iris    exon    12966282        12966352        .
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        -       0       Parent=Smp_135230.1
SM_V9_PAR2      iris    CDS     12944733        12944924        .
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SM_V9_PAR2      iris    CDS     12950375        12950473        .
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SM_V9_PAR2      iris    CDS     12951690        12951703        .
        -       2       Parent=Smp_135230.1
SM_V9_PAR2      iris    CDS     12953968        12954038        .
        -       1       Parent=Smp_135230.1
SM_V9_PAR2      iris    CDS     12955006        12955073        .
        -       0       Parent=Smp_135230.1
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SM_V9_PAR2      iris    CDS     12961842        12961988        .
        -       0       Parent=Smp_135230.1
SM_V9_PAR2      iris    CDS     12963788        12963904        .
        -       0       Parent=Smp_135230.1
SM_V9_PAR2      iris    CDS     12964723        12964836        .
        -       0       Parent=Smp_135230.1
SM_V9_PAR2      iris    CDS     12965594        12965794        .
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SM_V9_PAR2      iris    gene    12977628        13010600        .
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protein 2;date_creation=2022-07-17
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Parent=Smp_135240.1;Name=cf3cce9f-1580-450f-9b35-fbb1a937fa1a
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SM_V9_PAR2      iris    exon    12983619        12983694        .
        +       .       Parent=Smp_135240.1;Name=be347716-48b2-4b77-
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Parent=Smp_135240.1;Name=e53cca55-17e0-4bc4-9bf0-1f7099ed6918
SM_V9_PAR2      iris    exon    12985565        12985707        .
        +       .       Parent=Smp_135240.1;Name=4e36fbce-dda6-40a3-
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SM_V9_PAR2      iris    exon    12993142        12993277        .
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Parent=Smp_135240.1;Name=600194e1-04d7-4c1e-922f-9aaf80664e82
SM_V9_PAR2      iris    exon    12994712        12995016        .
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SM_V9_PAR2      iris    exon    12996476        12996574        .
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SM_V9_PAR2      iris    exon    12998103        12998261        .
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Parent=Smp_135240.1;Name=ff73efe4-2eef-4ccf-9560-683f15ac1ded
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        +       2       Parent=Smp_135240.1
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SM_V9_PAR2      iris    CDS     12998103        12998261        .
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SM_V9_PAR2      iris    CDS     13000929        13001371        .
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SM_V9_PAR2      iris    CDS     13007322        13007453        .
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        +       2       Parent=Smp_135240.1
SM_V9_PAR2      iris    CDS     13010317        13010384        .
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SM_V9_PAR2      Liftoff gene    13017574        13027954        .
        -       .       ID=Smp_135250;geneID=Smp_135250
SM_V9_PAR2      Liftoff mRNA    13017574        13027954        .
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ID=Smp_135250.1;Parent=Smp_135250;geneID=Smp_135250;product=Cornifel
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SM_V9_PAR2      Liftoff exon    13017574        13018351        .
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SM_V9_PAR2      Liftoff exon    13020997        13021133        .
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SM_V9_PAR2      Liftoff exon    13021958        13022021        .
        -       .       Parent=Smp_135250.1
SM_V9_PAR2      Liftoff exon    13027824        13027954        .
        -       .       Parent=Smp_135250.1
SM_V9_PAR2      Liftoff CDS     13018244        13018351        .
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SM_V9_PAR2      Liftoff CDS     13021958        13022021        .
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ied=2022-07-17;Name=Smp_024180.1;product=Placenta-specific gene 8
protein;date_creation=2022-07-17
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b8f4-432ee7b49780
SM_V9_PAR2      iris    exon    13044323        13044395        .
        +       .
Parent=Smp_024180.1;Name=21a5d005-9296-44e5-9b49-f69a3ad3d83c
SM_V9_PAR2      iris    exon    13045119        13045255        .
        +       .       Parent=Smp_024180.1;Name=eb45af11-b1ba-4fb6-
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SM_V9_PAR2      iris    exon    13047971        13048248        .
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Parent=Smp_024180.1;Name=eab3eab6-9d36-49fa-89a2-c1776acb7c31
SM_V9_PAR2      iris    CDS     13042114        13042179        .
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SM_V9_PAR2      iris    CDS     13047971        13048063        .
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SM_V9_PAR2      Liftoff gene    13051819        13064944        .
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SM_V9_PAR2      Liftoff mRNA    13051819        13064944        .
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SM_V9_PAR2      Liftoff exon    13053590        13053726        .
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SM_V9_PAR2      Liftoff exon    13056113        13056176        .
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SM_V9_PAR2      Liftoff exon    13064759        13064944        .
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SM_V9_PAR2      Liftoff CDS     13052045        13052152        .
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SM_V9_PAR2      Liftoff CDS     13053590        13053726        .
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SM_V9_PAR2      Liftoff CDS     13056113        13056176        .
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SM_V9_PAR2      Liftoff CDS     13064759        13064797        .
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SM_V9_PAR2      iris    gene    13068362        13144964        .
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protein 1;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    13068362        13069132        .
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Parent=Smp_244380.1;Name=f6c2ce20-7656-42a5-8617-67beb02b9ff5
SM_V9_PAR2      iris    exon    13069543        13070073        .
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Parent=Smp_244380.1;Name=a66181b2-5718-4c92-84d2-931bd0f8a2d0
SM_V9_PAR2      iris    exon    13072066        13072478        .
        -       .       Parent=Smp_244380.1;Name=dfc6b350-fb7f-4434-
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SM_V9_PAR2      iris    exon    13072594        13073105        .
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SM_V9_PAR2      iris    exon    13074104        13074443        .
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SM_V9_PAR2      iris    exon    13075397        13076130        .
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Parent=Smp_244380.1;Name=7351ae30-0e8a-4f7b-83ed-493e90c0e272
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SM_V9_PAR2      iris    exon    13090771        13091172        .
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        -       1       Parent=Smp_244380.1
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        -       1       Parent=Smp_244380.1
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SM_V9_PAR2      iris    CDS     13138198        13138499        .
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SM_V9_PAR2      iris    CDS     13141351        13141429        .
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SM_V9_PAR2      iris    CDS     13142432        13142573        .
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SM_V9_PAR2      iris    CDS     13143950        13144116        .
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SM_V9_PAR2      iris    CDS     13144385        13144468        .
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SM_V9_PAR2      iris    CDS     13144504        13144719        .
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ID=Smp_084320;geneID=Smp_084320;previous_systematic_id=Smp_135260
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1;polypeptide_domain=InterPro:IPR000462,IPR014472
Pfam:PF01066;Ontology_term=GO:0008654,GO:0016020,GO:0016780
SM_V9_PAR2      Liftoff exon    13165343        13165961        .
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SM_V9_PAR2      Liftoff exon    13167808        13168002        .
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SM_V9_PAR2      Liftoff exon    13172020        13172255        .
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SM_V9_PAR2      Liftoff exon    13173984        13174092        .
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SM_V9_PAR2      Liftoff exon    13184692        13184945        .
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        -       .       Parent=Smp_084320.1
SM_V9_PAR2      Liftoff exon    13185206        13190484        .
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ID=Smp_314220;geneID=Smp_314220;previous_systematic_id=Smp_024220
SM_V9_PAR2      Liftoff mRNA    13261576        13265947        .
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ID=Smp_314220.1;Parent=Smp_314220;geneID=Smp_314220;product=tRNA 5-
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MnmC;polypeptide_domain=InterPro:IPR000157;Ontology_term=GO:0005515,
GO:0007165
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SM_V9_PAR2      iris    mRNA    13268049        13305232        .
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ID=Smp_135270.1;Parent=Smp_135270;geneID=Smp_135270;gene_name=Smp_13
5270;owner=irisadmin@local.host;orig_id=Smp_135270.1;date_last_modif
ied=2022-07-17;Name=Smp_135270.1;product=Uncharacterized protein
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SM_V9_PAR2      iris    exon    13268049        13268383        .
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SM_V9_PAR2      iris    exon    13276979        13277060        .
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Parent=Smp_135270.1;Name=52d530c2-9b89-45fb-9b82-a6805c074400
SM_V9_PAR2      iris    exon    13278531        13278608        .
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SM_V9_PAR2      iris    exon    13279448        13279531        .
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SM_V9_PAR2      iris    exon    13305161        13305232        .
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ID=Smp_024240.1;Parent=Smp_024240;geneID=Smp_024240;gene_name=Smp_02
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SM_V9_PAR2      iris    exon    13320665        13321151        .
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SM_V9_PAR2      iris    CDS     13323474        13323668        .
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SM_V9_PAR2      iris    exon    13369396        13369822        .
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SM_V9_PAR2      iris    exon    13371517        13371771        .
        +       .       Parent=Smp_135280.1;Name=517a5f6f-0aaf-4cb3-
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SM_V9_PAR2      iris    exon    13373998        13374110        .
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SM_V9_PAR2      iris    exon    13376141        13378227        .
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Parent=Smp_135280.1;Name=fceef867-228c-4354-9a94-5e45bec048d0
SM_V9_PAR2      iris    CDS     13338008        13338577        .
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SM_V9_PAR2      iris    CDS     13347947        13348162        .
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SM_V9_PAR2      iris    CDS     13358638        13358969        .
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SM_V9_PAR2      iris    CDS     13359850        13360112        .
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SM_V9_PAR2      iris    CDS     13363901        13364256        .
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SM_V9_PAR2      iris    CDS     13365286        13365680        .
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SM_V9_PAR2      iris    CDS     13367988        13368184        .
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        +       2       Parent=Smp_135280.1
SM_V9_PAR2      iris    CDS     13373998        13374110        .
        +       2       Parent=Smp_135280.1
SM_V9_PAR2      iris    CDS     13376141        13376467        .
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SM_V9_PAR2      iris    mRNA    13380206        13420672        .
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protein;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    13380206        13380764        .
        -       .       Parent=Smp_306180.1;Name=ec4fca40-04f8-428c-
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SM_V9_PAR2      iris    exon    13386783        13386851        .
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SM_V9_PAR2	iris	exon	13387715	13387792	.
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SM_V9_PAR2	iris	exon	13392031	13392953	.
	-	.	Parent=Smp_306180.1;Name=35d98217-cf57-47f5-
b0f4-493ade684bc9
SM_V9_PAR2	iris	exon	13395602	13395863	.
	-	.
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SM_V9_PAR2	iris	exon	13400514	13400703	.
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SM_V9_PAR2	iris	exon	13402178	13402458	.
	-	.	Parent=Smp_306180.1;Name=0bd14ea8-7db7-4fca-
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SM_V9_PAR2	iris	exon	13404770	13404939	.
	-	.	Parent=Smp_306180.1;Name=34e2125e-
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SM_V9_PAR2	iris	exon	13406564	13406823	.
	-	.	Parent=Smp_306180.1;Name=b8f1a601-8461-44e9-
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SM_V9_PAR2	iris	exon	13420556	13420672	.
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Parent=Smp_306180.1;Name=ff7d6090-58ed-477d-9daa-edbfc8c06b5d
SM_V9_PAR2	iris	CDS	13380453	13380764	.
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SM_V9_PAR2	iris	CDS	13386783	13386851	.
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SM_V9_PAR2	iris	CDS	13387715	13387792	.
	-	0	Parent=Smp_306180.1
SM_V9_PAR2	iris	CDS	13392031	13392953	.
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SM_V9_PAR2	iris	CDS	13395602	13395863	.
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SM_V9_PAR2	iris	CDS	13400514	13400703	.
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SM_V9_PAR2	iris	CDS	13402178	13402458	.
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SM_V9_PAR2	iris	CDS	13404770	13404939	.
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SM_V9_PAR2	iris	CDS	13406564	13406823	.
	-	1	Parent=Smp_306180.1
SM_V9_PAR2	iris	CDS	13420556	13420605	.
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ID=Smp_306190;geneID=Smp_306190;gene_name=Smp_306190;owner=irisadmin
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like;date_creation=2022-07-17
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SM_V9_PAR2	iris	exon	13429564	13429607	.
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SM_V9_PAR2	iris	exon	13429659	13429953	.
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SM_V9_PAR2	iris	exon	13431651	13431881	.
	-	.	Parent=Smp_306190.1;Name=11b63d3f-
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SM_V9_PAR2	iris	exon	13433981	13434079	.
	-	.	Parent=Smp_306190.1;Name=7c3edddc-ebfa-490a-
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SM_V9_PAR2	iris	exon	13434159	13434197	.
	-	.	Parent=Smp_306190.1;Name=af37f646-83b4-4b87-
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SM_V9_PAR2	iris	exon	13436632	13436693	.
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SM_V9_PAR2	iris	CDS	13427354	13427725	.
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SM_V9_PAR2	iris	CDS	13429564	13429607	.
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SM_V9_PAR2	iris	CDS	13429659	13429953	.
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SM_V9_PAR2	iris	CDS	13431651	13431881	.
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SM_V9_PAR2	iris	CDS	13434159	13434191	.
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	-	.	ID=Smp_135300;geneID=Smp_135300
SM_V9_PAR2	Liftoff	mRNA	13442092	13478873	.
	-	.
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ical protein
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SM_V9_PAR2	Liftoff	exon	13443652	13444171	.
	-	.	Parent=Smp_135300.1
SM_V9_PAR2	Liftoff	exon	13445697	13446003	.
	-	.	Parent=Smp_135300.1
SM_V9_PAR2	Liftoff	exon	13447394	13447566	.
	-	.	Parent=Smp_135300.1
SM_V9_PAR2	Liftoff	exon	13447799	13448061	.
	-	.	Parent=Smp_135300.1
SM_V9_PAR2	Liftoff	exon	13450906	13451098	.
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SM_V9_PAR2	Liftoff	exon	13455780	13456098	.
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SM_V9_PAR2      Liftoff exon    13459489        13459778        .
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        -       .       Parent=Smp_135300.1
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SM_V9_PAR2      Liftoff exon    13464894        13465185        .
        -       .       Parent=Smp_135300.1
SM_V9_PAR2      Liftoff exon    13468142        13468400        .
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        -       .       Parent=Smp_135300.1
SM_V9_PAR2      Liftoff exon    13473223        13473409        .
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SM_V9_PAR2      Liftoff exon    13473464        13478873        .
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SM_V9_PAR2      Liftoff CDS     13442273        13442412        .
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SM_V9_PAR2      Liftoff CDS     13443652        13444171        .
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SM_V9_PAR2      Liftoff CDS     13457321        13457390        .
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SM_V9_PAR2      Liftoff CDS     13459489        13459778        .
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SM_V9_PAR2      Liftoff CDS     13464894        13465185        .
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SM_V9_PAR2      Liftoff CDS     13468142        13468400        .
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SM_V9_PAR2      Liftoff CDS     13473464        13473585        .
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SM_V9_PAR2      Liftoff exon    13544859        13544940        .
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SM_V9_PAR2      Liftoff exon    13545503        13545633        .
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SM_V9_PAR2      Liftoff CDS     13544859        13544940        .
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SM_V9_PAR2      Liftoff CDS     13545503        13545633        .
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SM_V9_PAR2      Liftoff gene    13546877        13654433        .
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ID=Smp_244370.1;Parent=Smp_244370;geneID=Smp_244370;product=Discoidi
n domain-containing receptor
2;polypeptide_domain=InterPro:IPR000421,IPR008979 Pfam:PF00754
SM_V9_PAR2      Liftoff exon    13546877        13550688        .
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        -       .       Parent=Smp_244370.1
SM_V9_PAR2      Liftoff exon    13557345        13557981        .
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SM_V9_PAR2      Liftoff exon    13559425        13560194        .
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SM_V9_PAR2      Liftoff exon    13574568        13574712        .
        -       .       Parent=Smp_244370.1
SM_V9_PAR2      Liftoff exon    13576233        13576322        .
        -       .       Parent=Smp_244370.1
SM_V9_PAR2      Liftoff exon    13581680        13581830        .
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        -       .       Parent=Smp_244370.1
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SM_V9_PAR2      Liftoff CDS     13550677        13550688        .
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SM_V9_PAR2	Liftoff	CDS	13576233	13576322	.
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SM_V9_PAR2	Liftoff	CDS	13593755	13593863	.
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SM_V9_PAR2	Liftoff	CDS	13653908	13653977	.
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SM_V9_PAR2	Liftoff	mRNA	13771037	13792026	.
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pole body component 110
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SM_V9_PAR2	Liftoff	CDS	13776145	13776283	.
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SM_V9_PAR2	Liftoff	CDS	13780024	13780229	.
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SM_V9_PAR2      Liftoff CDS     13788642        13788806        .
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SM_V9_PAR2      Liftoff gene    13792073        13799589        .
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SM_V9_PAR2      Liftoff mRNA    13792073        13799589        .
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kinase B-B;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR2      Liftoff exon    13792073        13792703        .
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SM_V9_PAR2      Liftoff exon    13799010        13799158        .
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SM_V9_PAR2      Liftoff exon    13799191        13799589        .
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SM_V9_PAR2      Liftoff CDS     13792581        13792703        .
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ID=Smp_342960;geneID=Smp_342960;previous_systematic_id=Smp_135370
SM_V9_PAR2      Liftoff mRNA    13804121        13830518        .
        -       .
ID=Smp_342960.1;Parent=Smp_342960;geneID=Smp_342960;product=Delta-
like protein
D;polypeptide_domain=InterPro:IPR000152,IPR000742,IPR001774,IPR00188
1,IPR013032,IPR018097
Pfam:PF00008,PF01414;Ontology_term=GO:0005509,GO:0007154,GO:0016020
SM_V9_PAR2      Liftoff exon    13804121        13804749        .
        -       .       Parent=Smp_342960.1
SM_V9_PAR2      Liftoff exon    13805868        13806099        .
        -       .       Parent=Smp_342960.1
SM_V9_PAR2      Liftoff exon    13808272        13808471        .
        -       .       Parent=Smp_342960.1
SM_V9_PAR2      Liftoff exon    13809469        13809623        .
        -       .       Parent=Smp_342960.1
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SM_V9_PAR2	Liftoff	exon	13809871	13809925	.
	-	.	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	exon	13811955	13812248	.
	-	.	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	exon	13814323	13814380	.
	-	.	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	exon	13815658	13830518	.
	-	.	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13804211	13804749	.
	-	2	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13805868	13806099	.
	-	0	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13808272	13808471	.
	-	2	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13809469	13809623	.
	-	1	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13809871	13809925	.
	-	2	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13811955	13812248	.
	-	2	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13814323	13814380	.
	-	0	Parent=Smp_342960.1
SM_V9_PAR2	Liftoff	CDS	13815658	13815807	.
	-	0	Parent=Smp_342960.1
SM_V9_PAR2	iris	gene	13845934	13852034	.
	-	.
ID=Smp_024360;geneID=Smp_024360;gene_name=Smp_024360;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2	iris	mRNA	13845934	13852034	.
	-	.
ID=Smp_024360.1;Parent=Smp_024360;geneID=Smp_024360;gene_name=Smp_02
4360;owner=irisadmin@local.host;orig_id=Smp_024360.1;date_last_modif
ied=2022-07-17;Name=Smp_024360.1;product=Mitochondrial import inner
membrane translocase subunit TIM50;date_creation=2022-07-17
SM_V9_PAR2	iris	exon	13845934	13846248	.
	-	.	Parent=Smp_024360.1;Name=f48b3b23-9e3d-4d12-
adf0-735b1c14af1d
SM_V9_PAR2	iris	exon	13847985	13848088	.
	-	.	Parent=Smp_024360.1;Name=b80e6f73-0d86-42e1-
b848-889b324b1997
SM_V9_PAR2	iris	exon	13850164	13850422	.
	-	.	Parent=Smp_024360.1;Name=0afb2381-c576-435c-
a3d8-ff56dfb65d43
SM_V9_PAR2	iris	exon	13851250	13851354	.
	-	.	Parent=Smp_024360.1;Name=6a4ce3fb-61fb-4e8d-
ab16-22b802669386
SM_V9_PAR2	iris	exon	13851391	13851510	.
	-	.
Parent=Smp_024360.1;Name=3bdef13c-97b5-473e-8499-9cf2add49a83
SM_V9_PAR2	iris	exon	13851545	13851603	.
	-	.	Parent=Smp_024360.1;Name=22fd62e0-af8b-4f51-
a851-73acdd3ccca8
SM_V9_PAR2	iris	exon	13851637	13851658	.
	-	.	Parent=Smp_024360.1;Name=58fa4c17-1366-49ce-
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a0c5-29cd3a310316
SM_V9_PAR2      iris    exon    13851691        13851722        .
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a6ef-9af59f7253f5
SM_V9_PAR2      iris    exon    13851757        13852034        .
        -       .       Parent=Smp_024360.1;Name=fd2e5c54-
ed1e-457c-8e3d-fa37cb188d29
SM_V9_PAR2      iris    CDS     13846156        13846248        .
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SM_V9_PAR2      iris    CDS     13847985        13848088        .
        -       2       Parent=Smp_024360.1
SM_V9_PAR2      iris    CDS     13850164        13850422        .
        -       0       Parent=Smp_024360.1
SM_V9_PAR2      iris    CDS     13851250        13851354        .
        -       0       Parent=Smp_024360.1
SM_V9_PAR2      iris    CDS     13851391        13851510        .
        -       0       Parent=Smp_024360.1
SM_V9_PAR2      iris    CDS     13851545        13851603        .
        -       2       Parent=Smp_024360.1
SM_V9_PAR2      iris    CDS     13851637        13851658        .
        -       0       Parent=Smp_024360.1
SM_V9_PAR2      iris    CDS     13851691        13851722        .
        -       2       Parent=Smp_024360.1
SM_V9_PAR2      iris    CDS     13851757        13851973        .
        -       0       Parent=Smp_024360.1
SM_V9_PAR2      Liftoff gene    13858742        13872791        .
        +       .       ID=Smp_024370;geneID=Smp_024370
SM_V9_PAR2      Liftoff mRNA    13858742        13872791        .
        +       .
ID=Smp_024370.1;Parent=Smp_024370;geneID=Smp_024370;product=Protein
fantom;polypeptide_domain=InterPro:IPR011680 Pfam:PF07763
SM_V9_PAR2      Liftoff exon    13858742        13859045        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13859077        13859167        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13860279        13860356        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13861483        13861750        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13862837        13863069        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13866520        13866984        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13868887        13868965        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13869988        13870053        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff exon    13871711        13872791        .
        +       .       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13858759        13859045        .
        +       0       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13859077        13859167        .
        +       1       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13860279        13860356        .
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        +       0       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13861483        13861750        .
        +       0       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13862837        13863069        .
        +       2       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13866520        13866984        .
        +       0       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13868887        13868965        .
        +       0       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13869988        13870053        .
        +       2       Parent=Smp_024370.1
SM_V9_PAR2      Liftoff CDS     13871711        13871856        .
        +       2       Parent=Smp_024370.1
SM_V9_PAR2      iris    gene    13901482        13910563        .
        +       .
ID=Smp_024380;geneID=Smp_024380;gene_name=Smp_024380;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    13901482        13910563        .
        +       .
ID=Smp_024380.1;Parent=Smp_024380;geneID=Smp_024380;gene_name=Smp_02
4380;owner=irisadmin@local.host;orig_id=Smp_024380.1;date_last_modif
ied=2022-07-17;Name=Smp_024380.1;product=Protein arginine N-
methyltransferase 2;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    13901482        13901779        .
        +       .       Parent=Smp_024380.1;Name=ec206013-0f45-40db-
b783-c46fe6fb7a3f
SM_V9_PAR2      iris    exon    13903568        13903766        .
        +       .       Parent=Smp_024380.1;Name=c90d4bca-
fe84-4546-88e3-8f381e2f5650
SM_V9_PAR2      iris    exon    13905352        13905930        .
        +       .       Parent=Smp_024380.1;Name=928d5626-4277-42fa-
b9a7-72b099fa5c53
SM_V9_PAR2      iris    exon    13908435        13908769        .
        +       .       Parent=Smp_024380.1;Name=672e952b-f244-4f2f-
ad45-4b382baf8771
SM_V9_PAR2      iris    exon    13910386        13910563        .
        +       .       Parent=Smp_024380.1;Name=eefcfb68-80c0-4dda-
a63a-f34c01b7cb94
SM_V9_PAR2      iris    CDS     13903650        13903766        .
        +       0       Parent=Smp_024380.1
SM_V9_PAR2      iris    CDS     13905352        13905930        .
        +       0       Parent=Smp_024380.1
SM_V9_PAR2      iris    CDS     13908435        13908769        .
        +       0       Parent=Smp_024380.1
SM_V9_PAR2      iris    CDS     13910386        13910527        .
        +       1       Parent=Smp_024380.1
SM_V9_PAR2      Liftoff gene    13912243        13913309        .
        -       .       ID=Smp_024390;geneID=Smp_024390
SM_V9_PAR2      Liftoff mRNA    13912243        13913309        .
        -       .
ID=Smp_024390.1;Parent=Smp_024390;geneID=Smp_024390;product=Probable
signal peptidase complex subunit
2;polypeptide_domain=InterPro:IPR009582
Pfam:PF06703;Ontology_term=GO:0005787,GO:0006465,GO:0008233,GO:00160
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21
SM_V9_PAR2      Liftoff exon    13912243        13912799        .
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SM_V9_PAR2      Liftoff exon    13912835        13913130        .
        -       .       Parent=Smp_024390.1
SM_V9_PAR2      Liftoff exon    13913161        13913309        .
        -       .       Parent=Smp_024390.1
SM_V9_PAR2      Liftoff CDS     13912613        13912799        .
        -       1       Parent=Smp_024390.1
SM_V9_PAR2      Liftoff CDS     13912835        13913130        .
        -       0       Parent=Smp_024390.1
SM_V9_PAR2      Liftoff CDS     13913161        13913247        .
        -       0       Parent=Smp_024390.1
SM_V9_PAR2      Liftoff gene    13922744        13972358        .
        -       .       ID=Smp_135380;geneID=Smp_135380
SM_V9_PAR2      Liftoff mRNA    13922744        13972358        .
        -       .
ID=Smp_135380.1;Parent=Smp_135380;geneID=Smp_135380;product=Protein
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(Fragment);polypeptide_domain=InterPro:IPR013083,IPR013087;Ontology_
term=GO:0003676
SM_V9_PAR2      Liftoff exon    13922744        13925204        .
        -       .       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff exon    13929017        13929123        .
        -       .       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff exon    13929158        13929235        .
        -       .       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff exon    13944028        13944171        .
        -       .       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff exon    13944804        13945483        .
        -       .       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff exon    13964671        13965264        .
        -       .       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff exon    13971925        13972358        .
        -       .       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff CDS     13923288        13925204        .
        -       0       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff CDS     13929017        13929123        .
        -       2       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff CDS     13929158        13929235        .
        -       2       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff CDS     13944028        13944171        .
        -       2       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff CDS     13944804        13945483        .
        -       1       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff CDS     13964671        13965264        .
        -       1       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff CDS     13971925        13971941        .
        -       0       Parent=Smp_135380.1
SM_V9_PAR2      Liftoff gene    13986002        13994886        .
        +       .       ID=Smp_135390;geneID=Smp_135390
SM_V9_PAR2      Liftoff mRNA    13986002        13994886        .
        +       .
ID=Smp_135390.1;Parent=Smp_135390;geneID=Smp_135390;product=Two-
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component response regulator-like APRR3
SM_V9_PAR2      Liftoff exon    13986002        13987324        .
        +       .       Parent=Smp_135390.1
SM_V9_PAR2      Liftoff exon    13991014        13991134        .
        +       .       Parent=Smp_135390.1
SM_V9_PAR2      Liftoff exon    13992017        13992554        .
        +       .       Parent=Smp_135390.1
SM_V9_PAR2      Liftoff exon    13994055        13994886        .
        +       .       Parent=Smp_135390.1
SM_V9_PAR2      Liftoff CDS     13987219        13987324        .
        +       0       Parent=Smp_135390.1
SM_V9_PAR2      Liftoff CDS     13991014        13991134        .
        +       2       Parent=Smp_135390.1
SM_V9_PAR2      Liftoff CDS     13992017        13992554        .
        +       1       Parent=Smp_135390.1
SM_V9_PAR2      Liftoff CDS     13994055        13994795        .
        +       0       Parent=Smp_135390.1
SM_V9_PAR2      iris    gene    13996737        14028653        .
        -       .
ID=Smp_241460;geneID=Smp_241460;gene_name=Smp_241460;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    13996737        14028653        .
        -       .
ID=Smp_241460.1;Parent=Smp_241460;geneID=Smp_241460;gene_name=Smp_24
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mitochondrial;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    13996737        13997159        .
        -       .
Parent=Smp_241460.1;Name=328a3f58-074e-47fc-99a6-8998e88032e2
SM_V9_PAR2      iris    exon    13999058        13999147        .
        -       .       Parent=Smp_241460.1;Name=e0fe7770-
fabb-4a71-9ddf-24c7e82eaabd
SM_V9_PAR2      iris    exon    13999467        13999817        .
        -       .       Parent=Smp_241460.1;Name=3402d168-d667-4b34-
a659-9fabf2ebbb62
SM_V9_PAR2      iris    exon    14002208        14002426        .
        -       .
Parent=Smp_241460.1;Name=88ca3d3f-0ffe-4330-90ff-b8460d008d53
SM_V9_PAR2      iris    exon    14003361        14003651        .
        -       .
Parent=Smp_241460.1;Name=8f3ac49c-6dee-401c-878e-d11193675166
SM_V9_PAR2      iris    exon    14005310        14005471        .
        -       .
Parent=Smp_241460.1;Name=7d8f2108-94d2-459c-9f8c-03f200314570
SM_V9_PAR2      iris    exon    14007064        14007311        .
        -       .
Parent=Smp_241460.1;Name=45529183-99ac-4031-994b-b31f3ad1f1bd
SM_V9_PAR2      iris    exon    14008301        14008582        .
        -       .
Parent=Smp_241460.1;Name=1ff41ffa-6088-4fd3-9f4e-b10aeeeff4d2
SM_V9_PAR2      iris    exon    14009252        14009363        .
        -       .       Parent=Smp_241460.1;Name=9ad3b3e8-064f-4de6-
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SM_V9_PAR2	iris	exon	14012471	14012866	.
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SM_V9_PAR2	iris	exon	14013654	14013866	.
	-	.	Parent=Smp_241460.1;Name=f608365d-df58-4598-
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SM_V9_PAR2	iris	exon	14015497	14015830	.
	-	.	Parent=Smp_241460.1;Name=3c2b587e-
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SM_V9_PAR2	iris	exon	14017107	14017252	.
	-	.	Parent=Smp_241460.1;Name=0a3b2117-88d5-494c-
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SM_V9_PAR2	iris	exon	14019062	14019264	.
	-	.
Parent=Smp_241460.1;Name=30d2a112-681b-4b04-9dd0-7297ec80c8e8
SM_V9_PAR2	iris	exon	14024798	14025074	.
	-	.	Parent=Smp_241460.1;Name=bed5f2de-
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SM_V9_PAR2	iris	exon	14027362	14027470	.
	-	.	Parent=Smp_241460.1;Name=3e856f64-bd72-4340-
bf8c-da52e3257ca0
SM_V9_PAR2	iris	exon	14028616	14028653	.
	-	.	Parent=Smp_241460.1;Name=ef522e01-3d15-4286-
b814-670e5c3ab2d6
SM_V9_PAR2	iris	CDS	13996881	13997159	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	13999058	13999147	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	13999467	13999817	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14002208	14002426	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14003361	14003651	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14005310	14005471	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14007064	14007311	.
	-	2	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14008301	14008582	.
	-	2	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14009252	14009363	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14012471	14012866	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14013654	14013866	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14015497	14015830	.
	-	1	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14017107	14017252	.
	-	0	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14019062	14019264	.
	-	2	Parent=Smp_241460.1
SM_V9_PAR2	iris	CDS	14024798	14025074	.
	-	0	Parent=Smp_241460.1
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SM_V9_PAR2      iris    CDS     14027362        14027424        .
        -       0       Parent=Smp_241460.1
SM_V9_PAR2      iris    gene    14046816        14090535        .
        -       .
ID=Smp_241450;geneID=Smp_241450;gene_name=Smp_241450;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    14046816        14090535        .
        -       .
ID=Smp_241450.1;Parent=Smp_241450;geneID=Smp_241450;gene_name=Smp_24
1450;owner=irisadmin@local.host;orig_id=Smp_241450.1;date_last_modif
ied=2022-07-18;Name=Smp_241450.1;product=Hypothetical
protein;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    14046816        14048374        .
        -       .       Parent=Smp_241450.1;Name=0e6a7745-
f32a-41e3-9abf-8b82a553459f
SM_V9_PAR2      iris    exon    14052362        14052713        .
        -       .       Parent=Smp_241450.1;Name=a219ce77-0748-43ad-
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SM_V9_PAR2      iris    exon    14055124        14055605        .
        -       .       Parent=Smp_241450.1;Name=71d2b5ff-d9d7-45fd-
bb2a-f27ff0de03f3
SM_V9_PAR2      iris    exon    14056801        14057141        .
        -       .       Parent=Smp_241450.1;Name=6024d53e-
c32d-40b1-9d82-f8871b8b08e1
SM_V9_PAR2      iris    exon    14061006        14061333        .
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Parent=Smp_241450.1;Name=c713bebf-486b-454a-9109-d807152f9541
SM_V9_PAR2      iris    exon    14068028        14068134        .
        -       .       Parent=Smp_241450.1;Name=da71af0e-33be-43d4-
beab-d5bbaed015bf
SM_V9_PAR2      iris    exon    14070564        14071228        .
        -       .       Parent=Smp_241450.1;Name=021c64cb-5b8e-4242-
a60a-7ca1ed43eb31
SM_V9_PAR2      iris    exon    14083816        14084295        .
        -       .
Parent=Smp_241450.1;Name=91402912-2c4d-4cdb-8b57-f846cf03d1fd
SM_V9_PAR2      iris    exon    14085888        14086195        .
        -       .       Parent=Smp_241450.1;Name=3e1765d4-a2c5-49aa-
b6b4-6e384a44a50e
SM_V9_PAR2      iris    exon    14087038        14087576        .
        -       .       Parent=Smp_241450.1;Name=311087a4-f5fe-4685-
a6bd-063814dd6d19
SM_V9_PAR2      iris    exon    14090421        14090535        .
        -       .       Parent=Smp_241450.1;Name=88b44533-e24b-44a9-
aac3-9f018f724485
SM_V9_PAR2      iris    CDS     14047995        14048374        .
        -       2       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14052362        14052713        .
        -       0       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14055124        14055605        .
        -       2       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14056801        14057141        .
        -       1       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14061006        14061333        .
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        -       2       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14068028        14068134        .
        -       1       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14070564        14071228        .
        -       0       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14083816        14084295        .
        -       0       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14085888        14086195        .
        -       2       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14087038        14087576        .
        -       1       Parent=Smp_241450.1
SM_V9_PAR2      iris    CDS     14090421        14090467        .
        -       0       Parent=Smp_241450.1
SM_V9_PAR2      iris    gene    14106438        14154555        .
        -       .
ID=Smp_306200;geneID=Smp_306200;gene_name=Smp_306200;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_PAR2      iris    mRNA    14106438        14154555        .
        -       .
ID=Smp_306200.1;Parent=Smp_306200;geneID=Smp_306200;gene_name=Smp_30
6200;owner=irisadmin@local.host;orig_id=Smp_306200.1;date_last_modif
ied=2022-07-17;Name=Smp_306200.1;product=Tyrosine-protein
phosphatase non-receptor type 21;date_creation=2022-07-17
SM_V9_PAR2      iris    exon    14106438        14106680        .
        -       .       Parent=Smp_306200.1;Name=9bf2edc6-6a6d-428f-
a435-6255e2b7e761
SM_V9_PAR2      iris    exon    14109287        14110105        .
        -       .       Parent=Smp_306200.1;Name=d50b21cd-cb60-4e03-
a9d8-e055eb9bf817
SM_V9_PAR2      iris    exon    14111314        14113095        .
        -       .
Parent=Smp_306200.1;Name=aeb32e50-79dc-4749-8ac6-240232806fcf
SM_V9_PAR2      iris    exon    14115651        14116193        .
        -       .       Parent=Smp_306200.1;Name=6c4ec231-154f-40b4-
bbad-44b58fbdf99f
SM_V9_PAR2      iris    exon    14117517        14117757        .
        -       .       Parent=Smp_306200.1;Name=d1fa3c5e-8ac5-4dc1-
b4dc-3793b824549c
SM_V9_PAR2      iris    exon    14119359        14119555        .
        -       .
Parent=Smp_306200.1;Name=26dcf7c8-1422-43d5-91e0-81ce8c0ba63d
SM_V9_PAR2      iris    exon    14121948        14123324        .
        -       .
Parent=Smp_306200.1;Name=50a3ff26-7f5a-48b1-9029-0dfff1bec4f2
SM_V9_PAR2      iris    exon    14124046        14124346        .
        -       .       Parent=Smp_306200.1;Name=9beaa858-
c43d-4336-9176-ed03c6576433
SM_V9_PAR2      iris    exon    14126505        14127774        .
        -       .       Parent=Smp_306200.1;Name=d16dfc27-239e-415d-
be11-9de6ae92a0ca
SM_V9_PAR2      iris    exon    14129306        14129351        .
        -       .       Parent=Smp_306200.1;Name=318a3985-
e3f0-493a-9cb7-a5b2258f4ce5
SM_V9_PAR2      iris    exon    14130409        14130457        .
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        -       .
Parent=Smp_306200.1;Name=4d6c02f3-4bbf-4389-8ef8-629db17fd2ab
SM_V9_PAR2      iris    exon    14131554        14131595        .
        -       .       Parent=Smp_306200.1;Name=9ff9eed2-5098-478e-
b33d-bbe006f5ba40
SM_V9_PAR2      iris    exon    14133146        14133228        .
        -       .       Parent=Smp_306200.1;Name=afd45735-1afd-4353-
ad9c-270f86f06714
SM_V9_PAR2      iris    exon    14138767        14138854        .
        -       .
Parent=Smp_306200.1;Name=47545878-71e7-42f1-8189-35c483af39e7
SM_V9_PAR2      iris    exon    14143426        14143520        .
        -       .
Parent=Smp_306200.1;Name=096b9fa7-7285-4a83-9511-adb33b830aef
SM_V9_PAR2      iris    exon    14150042        14150206        .
        -       .       Parent=Smp_306200.1;Name=07298e11-519b-448b-
b159-df3b94f63abe
SM_V9_PAR2      iris    exon    14152064        14152134        .
        -       .       Parent=Smp_306200.1;Name=f0d1c508-
cfed-4f34-8b50-b245570ba415
SM_V9_PAR2      iris    exon    14153990        14154087        .
        -       .       Parent=Smp_306200.1;Name=7d52185b-52b1-46e4-
b292-dabee8488b16
SM_V9_PAR2      iris    exon    14154120        14154289        .
        -       .       Parent=Smp_306200.1;Name=4f48c197-e16e-44eb-
ad9c-c1a0cb462b55
SM_V9_PAR2      iris    exon    14154329        14154555        .
        -       .       Parent=Smp_306200.1;Name=a4c277c7-
fc7f-4918-98ce-feb3db45c75a
SM_V9_PAR2      iris    CDS     14109338        14110105        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14111314        14113095        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14115651        14116193        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14117517        14117757        .
        -       1       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14119359        14119555        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14121948        14123324        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14124046        14124346        .
        -       1       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14126505        14127774        .
        -       2       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14129306        14129351        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14130409        14130457        .
        -       1       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14131554        14131595        .
        -       1       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14133146        14133228        .
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SM_V9_PAR2      iris    CDS     14138767        14138854        .
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        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14150042        14150206        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14152064        14152134        .
        -       2       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14153990        14154087        .
        -       1       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14154120        14154289        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      iris    CDS     14154329        14154502        .
        -       0       Parent=Smp_306200.1
SM_V9_PAR2      Liftoff gene    14169495        14174119        .
        +       .       ID=Smp_078520;geneID=Smp_078520
SM_V9_PAR2      Liftoff mRNA    14169495        14174119        .
        +       .
ID=Smp_078520.1;Parent=Smp_078520;geneID=Smp_078520;product=MKI67
FHA domain-interacting nucleolar
phosphoprotein;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    14169495        14169673        .
        +       .       Parent=Smp_078520.1
SM_V9_PAR2      Liftoff exon    14169709        14169814        .
        +       .       Parent=Smp_078520.1
SM_V9_PAR2      Liftoff exon    14173772        14174119        .
        +       .       Parent=Smp_078520.1
SM_V9_PAR2      Liftoff CDS     14169548        14169673        .
        +       0       Parent=Smp_078520.1
SM_V9_PAR2      Liftoff CDS     14169709        14169814        .
        +       0       Parent=Smp_078520.1
SM_V9_PAR2      Liftoff CDS     14173772        14174043        .
        +       2       Parent=Smp_078520.1
SM_V9_PAR2      Liftoff gene    14174124        14192771        .
        -       .       ID=Smp_164500;geneID=Smp_164500
SM_V9_PAR2      Liftoff mRNA    14174124        14192771        .
        -       .
ID=Smp_164500.1;Parent=Smp_164500;geneID=Smp_164500;product=Golgi
resident protein
GCP60;polypeptide_domain=InterPro:IPR000582,IPR009038,IPR014352
Pfam:PF13897;Ontology_term=GO:0000062,GO:0006810,GO:0016021
SM_V9_PAR2      Liftoff exon    14174124        14174463        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14175620        14175776        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14177602        14177777        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14181512        14181650        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14182747        14182977        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14187728        14187815        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14188445        14188525        .
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        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14190204        14190350        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14192423        14192564        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff exon    14192608        14192771        .
        -       .       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14174249        14174463        .
        -       2       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14175620        14175776        .
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SM_V9_PAR2      Liftoff CDS     14177602        14177777        .
        -       2       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14181512        14181650        .
        -       0       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14182747        14182977        .
        -       0       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14187728        14187815        .
        -       1       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14188445        14188525        .
        -       1       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14190204        14190350        .
        -       1       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14192423        14192564        .
        -       2       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff CDS     14192608        14192719        .
        -       0       Parent=Smp_164500.1
SM_V9_PAR2      Liftoff gene    14199155        14200849        .
        +       .       ID=Smp_078540;geneID=Smp_078540
SM_V9_PAR2      Liftoff mRNA    14199155        14200849        .
        +       .
ID=Smp_078540.1;Parent=Smp_078540;geneID=Smp_078540;product=Engulfme
nt and cell motility protein 2
SM_V9_PAR2      Liftoff exon    14199155        14200849        .
        +       .       Parent=Smp_078540.1
SM_V9_PAR2      Liftoff CDS     14199514        14200824        .
        +       0       Parent=Smp_078540.1
SM_V9_PAR2      Liftoff gene    14208195        14237674        .
        +       .
ID=Smp_198980;geneID=Smp_198980;previous_systematic_id=Smp_133320
SM_V9_PAR2      Liftoff mRNA    14208195        14237674        .
        +       .
ID=Smp_198980.1;Parent=Smp_198980;geneID=Smp_198980;product=Zinc
finger CCCH domain-containing protein
6;polypeptide_domain=InterPro:IPR000571;Ontology_term=GO:0046872
SM_V9_PAR2      Liftoff exon    14208195        14208744        .
        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff exon    14211409        14211457        .
        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff exon    14214360        14214699        .
        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff exon    14216526        14216879        .
        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff exon    14221211        14221362        .
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        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff exon    14224243        14224297        .
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SM_V9_PAR2      Liftoff exon    14224476        14225274        .
        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff exon    14230081        14230409        .
        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff exon    14234871        14237674        .
        +       .       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14208420        14208744        .
        +       0       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14211409        14211457        .
        +       2       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14214360        14214699        .
        +       1       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14216526        14216879        .
        +       0       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14221211        14221362        .
        +       0       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14224243        14224297        .
        +       1       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14224476        14225274        .
        +       0       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14230081        14230409        .
        +       2       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff CDS     14234871        14235314        .
        +       0       Parent=Smp_198980.1
SM_V9_PAR2      Liftoff gene    14300597        14300773        .
        -       .       ID=Smp_204860;geneID=Smp_204860
SM_V9_PAR2      Liftoff mRNA    14300597        14300773        .
        -       .
ID=Smp_204860.1;Parent=Smp_204860;geneID=Smp_204860;product=GTPase
Der
SM_V9_PAR2      Liftoff exon    14300597        14300773        .
        -       .       Parent=Smp_204860.1
SM_V9_PAR2      Liftoff CDS     14300597        14300773        .
        -       0       Parent=Smp_204860.1
SM_V9_PAR2      Liftoff gene    14326935        14327478        .
        +       .       ID=Smp_323690;geneID=Smp_323690
SM_V9_PAR2      Liftoff mRNA    14326935        14327478        .
        +       .
ID=Smp_323690.1;Parent=Smp_323690;geneID=Smp_323690;product=Meiosis
expressed gene 1 protein
homolog;polypeptide_domain=InterPro:IPR020186
Pfam:PF15163;Ontology_term=GO:0005634
SM_V9_PAR2      Liftoff exon    14326935        14327102        .
        +       .       Parent=Smp_323690.1
SM_V9_PAR2      Liftoff exon    14327143        14327478        .
        +       .       Parent=Smp_323690.1
SM_V9_PAR2      Liftoff CDS     14326992        14327102        .
        +       0       Parent=Smp_323690.1
SM_V9_PAR2      Liftoff CDS     14327143        14327289        .
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SM_V9_PAR2      Liftoff gene    14336180        14403711        .
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SM_V9_PAR2      Liftoff mRNA    14336180        14378381        .
        -       .
ID=Smp_020550.2;Parent=Smp_020550;geneID=Smp_020550;product=Basement
membrane-specific heparan sulfate proteoglycan core
protein;polypeptide_domain=InterPro:IPR002172,IPR003598,IPR003599,IP
R007110,IPR013783,IPR023415
Pfam:PF00057,PF13927;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    14336180        14344644        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14349247        14349372        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14350938        14351072        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14352360        14352516        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14354199        14354449        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14358150        14358461        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14359151        14359429        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14360448        14360741        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14366355        14366463        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14368132        14368337        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14370097        14370408        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff exon    14378249        14378381        .
        -       .       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14344325        14344644        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14349247        14349372        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14350938        14351072        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14352360        14352516        .
        -       0       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14354199        14354449        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14358150        14358461        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14359151        14359429        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14360448        14360741        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14366355        14366463        .
        -       0       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14368132        14368337        .
        -       2       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff CDS     14370097        14370408        .
        -       2       Parent=Smp_020550.2
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SM_V9_PAR2      Liftoff CDS     14378249        14378327        .
        -       0       Parent=Smp_020550.2
SM_V9_PAR2      Liftoff mRNA    14336180        14378381        .
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ID=Smp_020550.3;Parent=Smp_020550;geneID=Smp_020550;product=Basement
membrane-specific heparan sulfate proteoglycan core
protein;polypeptide_domain=InterPro:IPR002172,IPR003598,IPR003599,IP
R007110,IPR013783,IPR023415
Pfam:PF00057,PF13927;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    14336180        14344644        .
        -       .       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff exon    14349247        14349372        .
        -       .       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff exon    14350938        14351072        .
        -       .       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff exon    14352360        14352516        .
        -       .       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff exon    14354199        14354449        .
        -       .       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff exon    14358150        14358461        .
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SM_V9_PAR2      Liftoff exon    14359151        14359429        .
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SM_V9_PAR2      Liftoff exon    14360448        14360741        .
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SM_V9_PAR2      Liftoff exon    14370097        14370408        .
        -       .       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff exon    14378249        14378381        .
        -       .       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14344325        14344644        .
        -       2       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14349247        14349372        .
        -       2       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14350938        14351072        .
        -       2       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14352360        14352516        .
        -       0       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14354199        14354449        .
        -       2       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14358150        14358461        .
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SM_V9_PAR2      Liftoff CDS     14359151        14359429        .
        -       2       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14360448        14360741        .
        -       2       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14370097        14370408        .
        -       2       Parent=Smp_020550.3
SM_V9_PAR2      Liftoff CDS     14378249        14378327        .
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SM_V9_PAR2      Liftoff mRNA    14336180        14403711        .
        -       .
ID=Smp_020550.1;Parent=Smp_020550;geneID=Smp_020550;product=Basement
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R007110,IPR013783,IPR023415
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SM_V9_PAR2      Liftoff exon    14336180        14344644        .
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SM_V9_PAR2      Liftoff exon    14349247        14349372        .
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SM_V9_PAR2      Liftoff exon    14352360        14352516        .
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SM_V9_PAR2      Liftoff exon    14354199        14354449        .
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        -       .       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff exon    14360448        14360741        .
        -       .       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff exon    14366355        14366463        .
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SM_V9_PAR2      Liftoff exon    14368132        14368337        .
        -       .       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff exon    14370097        14370408        .
        -       .       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff exon    14403106        14403711        .
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SM_V9_PAR2      Liftoff CDS     14344325        14344644        .
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SM_V9_PAR2      Liftoff CDS     14349247        14349372        .
        -       2       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff CDS     14350938        14351072        .
        -       2       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff CDS     14352360        14352516        .
        -       0       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff CDS     14354199        14354449        .
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SM_V9_PAR2      Liftoff CDS     14358150        14358461        .
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SM_V9_PAR2      Liftoff CDS     14359151        14359429        .
        -       2       Parent=Smp_020550.1
SM_V9_PAR2      Liftoff CDS     14360448        14360741        .
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SM_V9_PAR2      Liftoff CDS     14366355        14366463        .
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SM_V9_PAR2      Liftoff CDS     14368132        14368337        .
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SM_V9_PAR2      Liftoff CDS     14370097        14370408        .
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SM_V9_PAR2      Liftoff CDS     14403106        14403499        .
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SM_V9_PAR2      iris    gene    14435417        14459229        .
        +       .
ID=Smp_020540;geneID=Smp_020540;gene_name=Smp_020540;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
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antigen-like-containing domain protein 2;date_creation=2022-07-17
SM_V9_PAR2	iris	exon	14435417	14435614	.
	+	.	Parent=Smp_020540.1;Name=314a68bd-
dd17-43ad-9974-503c053348cd
SM_V9_PAR2	iris	exon	14440147	14440254	.
	+	.	Parent=Smp_020540.1;Name=783c2f78-4012-4efc-
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SM_V9_PAR2	iris	exon	14442590	14442635	.
	+	.	Parent=Smp_020540.1;Name=61b68bbb-
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SM_V9_PAR2	iris	exon	14443904	14443970	.
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Parent=Smp_020540.1;Name=7f6bd04f-9142-4979-867e-5591623787b0
SM_V9_PAR2	iris	exon	14445506	14445626	.
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SM_V9_PAR2	iris	exon	14450350	14450598	.
	+	.	Parent=Smp_020540.1;Name=3c38ea5c-37e3-4485-
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	+	.	Parent=Smp_020540.1;Name=667d954f-fe9c-4832-
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SM_V9_PAR2	iris	exon	14458819	14459229	.
	+	.	Parent=Smp_020540.1;Name=6c4d8ec4-0c8f-4b68-
a67c-b5c197b0f0c8
SM_V9_PAR2	iris	CDS	14435526	14435614	.
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SM_V9_PAR2	iris	CDS	14440147	14440254	.
	+	1	Parent=Smp_020540.1
SM_V9_PAR2	iris	CDS	14442590	14442635	.
	+	1	Parent=Smp_020540.1
SM_V9_PAR2	iris	CDS	14443904	14443970	.
	+	0	Parent=Smp_020540.1
SM_V9_PAR2	iris	CDS	14445506	14445626	.
	+	2	Parent=Smp_020540.1
SM_V9_PAR2	iris	CDS	14450350	14450598	.
	+	1	Parent=Smp_020540.1
SM_V9_PAR2	iris	CDS	14452663	14452935	.
	+	1	Parent=Smp_020540.1
SM_V9_PAR2	iris	CDS	14458819	14458942	.
	+	1	Parent=Smp_020540.1
SM_V9_PAR2	Liftoff	gene	14497604	14508941	.
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SM_V9_PAR2	Liftoff	mRNA	14497604	14508941	.
	-	.
ID=Smp_323700.1;Parent=Smp_323700;geneID=Smp_323700;product=Intercel
lular adhesion molecule 1
SM_V9_PAR2	Liftoff	exon	14497604	14498180	.
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SM_V9_PAR2      Liftoff exon    14507234        14508941        .
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SM_V9_PAR2      Liftoff CDS     14498000        14498180        .
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SM_V9_PAR2      Liftoff CDS     14507234        14507367        .
        -       0       Parent=Smp_323700.1
SM_V9_PAR2      Liftoff gene    14520807        14542491        .
        -       .       ID=Smp_102160;geneID=Smp_102160
SM_V9_PAR2      Liftoff mRNA    14520807        14542491        .
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revin-like protein;evidence=Traceable Author
Statement;literature=PMID:7665603;polypeptide_domain=InterPro:IPR001
388 Pfam:PF00957;Ontology_term=GO:0016021,GO:0016192
SM_V9_PAR2      Liftoff exon    14520807        14522356        .
        -       .       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff exon    14525062        14525083        .
        -       .       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff exon    14528078        14528129        .
        -       .       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff exon    14530351        14530430        .
        -       .       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff exon    14535227        14542491        .
        -       .       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff CDS     14522035        14522356        .
        -       1       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff CDS     14525062        14525083        .
        -       2       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff CDS     14528078        14528129        .
        -       0       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff CDS     14530351        14530430        .
        -       2       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff CDS     14535227        14535371        .
        -       0       Parent=Smp_102160.1
SM_V9_PAR2      Liftoff mRNA    14520807        14542491        .
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revin-like protein;polypeptide_domain=InterPro:IPR001388,IPR016444
Pfam:PF00957;Ontology_term=GO:0016021,GO:0016192
SM_V9_PAR2      Liftoff exon    14520807        14522356        .
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SM_V9_PAR2      Liftoff exon    14525062        14525083        .
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        -       .       Parent=Smp_102160.2
SM_V9_PAR2      Liftoff exon    14535227        14542491        .
        -       .       Parent=Smp_102160.2
SM_V9_PAR2      Liftoff CDS     14522313        14522356        .
        -       2       Parent=Smp_102160.2
SM_V9_PAR2      Liftoff CDS     14525062        14525083        .
        -       0       Parent=Smp_102160.2
SM_V9_PAR2      Liftoff CDS     14530351        14530430        .
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SM_V9_PAR2      Liftoff CDS     14535227        14535371        .
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SM_V9_PAR2      Liftoff mRNA    14549015        14554043        .
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related protein B
SM_V9_PAR2      Liftoff exon    14549015        14549166        .
        +       .       Parent=Smp_133310.1
SM_V9_PAR2      Liftoff exon    14550857        14554043        .
        +       .       Parent=Smp_133310.1
SM_V9_PAR2      Liftoff CDS     14549068        14549166        .
        +       0       Parent=Smp_133310.1
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SM_V9_PAR2      iris    gene    14621463        14637806        .
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SM_V9_PAR2      iris    mRNA    14621463        14637806        .
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ID=Smp_133300.1;Parent=Smp_133300;geneID=Smp_133300;gene_name=Smp_13
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ied=2022-07-17;Name=Smp_133300.1;product=5'-3' exoribonuclease
2;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    14628829        14629418        .
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SM_V9_PAR2      iris    exon    14631461        14631775        .
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SM_V9_PAR2      iris    exon    14633610        14635286        .
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SM_V9_PAR2      iris    CDS     14628840        14629418        .
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SM_V9_PAR2      iris    CDS     14633610        14635286        .
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SM_V9_PAR2      iris    CDS     14636977        14637468        .
        +       0       Parent=Smp_133300.1
SM_V9_PAR2      iris    gene    14644095        14717728        .
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ID=Smp_333170;geneID=Smp_333170;gene_name=Smp_333170;owner=irisadmin
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ied=2022-08-19;Name=Smp_333170.1;product=85/88 kDa calcium-
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        -       .       Parent=Smp_333170.1;Name=15a3446f-5154-45db-
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SM_V9_PAR2      iris    exon    14645895        14646072        .
        -       .       Parent=Smp_333170.1;Name=d7508129-54e1-4558-
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SM_V9_PAR2      iris    exon    14648577        14648726        .
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SM_V9_PAR2      iris    exon    14649374        14649746        .
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Parent=Smp_333170.1;Name=821f11bb-7530-4316-936b-d2628cd4194f
SM_V9_PAR2      iris    exon    14652542        14652734        .
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SM_V9_PAR2      iris    exon    14655539        14656016        .
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SM_V9_PAR2      iris    exon    14660662        14660756        .
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SM_V9_PAR2      iris    exon    14668722        14669018        .
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SM_V9_PAR2      iris    exon    14672334        14672506        .
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Parent=Smp_333170.1;Name=51fcf000-51ca-403e-9d0d-08f406c6bb40
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SM_V9_PAR2      iris    exon    14698309        14698491        .
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SM_V9_PAR2      iris    exon    14709944        14710134        .
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aa45-b842599f27ba
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SM_V9_PAR2      iris    exon    14717632        14717728        .
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Parent=Smp_333170.1;Name=ef7e9ed6-5fdd-4eac-9dac-02726b362e89
SM_V9_PAR2      iris    CDS     14644560        14644756        .
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        -       0       Parent=Smp_333170.1
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SM_V9_PAR2      iris    CDS     14652542        14652734        .
        -       2       Parent=Smp_333170.1
SM_V9_PAR2      iris    CDS     14655539        14656016        .
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SM_V9_PAR2      iris    CDS     14660662        14660756        .
        -       2       Parent=Smp_333170.1
SM_V9_PAR2      iris    CDS     14668722        14669018        .
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SM_V9_PAR2      iris    CDS     14672334        14672506        .
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SM_V9_PAR2      iris    CDS     14706676        14706772        .
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SM_V9_PAR2      iris    CDS     14714929        14715156        .
        -       1       Parent=Smp_333170.1
SM_V9_PAR2      iris    CDS     14715208        14715333        .
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7-17
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SM_V9_PAR2      iris    exon    14758710        14761133        .
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SM_V9_PAR2      iris    CDS     14758710        14760689        .
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SM_V9_PAR2      Liftoff gene    14763522        14790711        .
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ID=Smp_333180;geneID=Smp_333180;previous_systematic_id=Smp_042720,Sm
p_133290,Smp_242560,Smp_243080
SM_V9_PAR2      Liftoff mRNA    14763522        14790711        .
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ID=Smp_333180.1;Parent=Smp_333180;geneID=Smp_333180;product=Beta-1,3
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Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
SM_V9_PAR2      Liftoff exon    14763522        14763770        .
        +       .       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff exon    14783712        14783766        .
        +       .       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff exon    14786918        14787489        .
        +       .       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff exon    14789732        14790711        .
        +       .       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff CDS     14763600        14763770        .
        +       0       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff CDS     14783712        14783766        .
        +       0       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff CDS     14786918        14787489        .
        +       2       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff CDS     14789732        14790622        .
        +       0       Parent=Smp_333180.1
SM_V9_PAR2      Liftoff gene    14797042        14800178        .
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SM_V9_PAR2      Liftoff mRNA    14797042        14800178        .
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Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
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SM_V9_PAR2      Liftoff exon    14798990        14800178        .
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SM_V9_PAR2      Liftoff CDS     14797163        14797564        .
        +       0       Parent=Smp_151200.1
SM_V9_PAR2      Liftoff CDS     14798990        14799907        .
        +       0       Parent=Smp_151200.1
SM_V9_PAR2      Liftoff gene    14808305        14811550        .
        +       .       ID=Smp_151210;geneID=Smp_151210
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Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
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SM_V9_PAR2      Liftoff exon    14810285        14811550        .
        +       .       Parent=Smp_151210.1
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SM_V9_PAR2      Liftoff gene    14813332        14816466        .
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SM_V9_PAR2      Liftoff exon    14814778        14816466        .
        +       .       Parent=Smp_151220.1
SM_V9_PAR2      Liftoff CDS     14813664        14814164        .
        +       0       Parent=Smp_151220.1
SM_V9_PAR2      Liftoff CDS     14814778        14815704        .
        +       0       Parent=Smp_151220.1
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        +       .       ID=Smp_323730;geneID=Smp_323730
SM_V9_PAR2      Liftoff mRNA    14821842        14829613        .
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Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
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SM_V9_PAR2      Liftoff exon    14822808        14823705        .
        +       .       Parent=Smp_323730.1
SM_V9_PAR2      Liftoff exon    14826513        14827147        .
        +       .       Parent=Smp_323730.1
SM_V9_PAR2      Liftoff exon    14828606        14829613        .
        +       .       Parent=Smp_323730.1
SM_V9_PAR2      Liftoff CDS     14822016        14822384        .
        +       0       Parent=Smp_323730.1
SM_V9_PAR2      Liftoff CDS     14822808        14823705        .
        +       0       Parent=Smp_323730.1
SM_V9_PAR2      Liftoff CDS     14826513        14827147        .
        +       2       Parent=Smp_323730.1
SM_V9_PAR2      Liftoff CDS     14828606        14829529        .
        +       0       Parent=Smp_323730.1
SM_V9_PAR2      iris    gene    14844232        14853788        .
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ID=Smp_054300;geneID=Smp_054300;gene_name=Smp_054300;owner=irisadmin
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ied=2022-07-17;Name=Smp_054300.1;product=alpha 1,3
fucosyltransferase D;date_creation=2022-07-17
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Parent=Smp_054300.1;Name=4901bfb4-7f8c-43b9-83b1-7a9029e00b1b
SM_V9_PAR2      iris    exon    14844520        14844559        .
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Parent=Smp_054300.1;Name=6d8bc3e5-1a49-4b1b-92a9-e976c740a9bd
SM_V9_PAR2      iris    exon    14845843        14846079        .
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aa09-deaaea858c0f
SM_V9_PAR2      iris    exon    14849904        14850052        .
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f8c9-4d8d-909b-0c2ff478e6c4
SM_V9_PAR2      iris    exon    14850852        14851169        .
        +       .       Parent=Smp_054300.1;Name=ea3b242c-
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SM_V9_PAR2      iris    exon    14853451        14853788        .
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SM_V9_PAR2      iris    CDS     14844527        14844559        .
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SM_V9_PAR2      iris    CDS     14845843        14846079        .
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SM_V9_PAR2      iris    CDS     14846695        14846916        .
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        +       0       Parent=Smp_054300.1
SM_V9_PAR2      iris    CDS     14850852        14851169        .
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SM_V9_PAR2      iris    CDS     14853451        14853466        .
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SM_V9_PAR2      Liftoff gene    14864252        14886626        .
        +       .       ID=Smp_054310;geneID=Smp_054310
SM_V9_PAR2      Liftoff mRNA    14864252        14886626        .
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protease;polypeptide_domain=InterPro:IPR001193,IPR008915
Pfam:PF02163;Ontology_term=GO:0004222,GO:0006508,GO:0016020
SM_V9_PAR2      Liftoff exon    14864252        14868016        .
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SM_V9_PAR2      Liftoff exon    14875147        14875497        .
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SM_V9_PAR2      Liftoff exon    14884314        14884660        .
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SM_V9_PAR2      Liftoff exon    14886058        14886626        .
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SM_V9_PAR2      Liftoff CDS     14867672        14868016        .
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SM_V9_PAR2      iris    gene    14890632        14894342        .
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4;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    14890632        14890690        .
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Parent=Smp_331810.1;Name=242142ae-5700-4943-98b3-8dee54192184
SM_V9_PAR2      iris    exon    14890728        14890829        .
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Parent=Smp_331810.1;Name=16551f8c-6798-4d5b-9b6e-4003ff3c61c2
SM_V9_PAR2      iris    exon    14890871        14890935        .
        +       .       Parent=Smp_331810.1;Name=c041b0ba-b0d1-4063-
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SM_V9_PAR2      iris    exon    14894037        14894342        .
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Parent=Smp_331810.1;Name=437aa696-9210-45e2-9377-2b0bdae08016
SM_V9_PAR2      iris    CDS     14890685        14890690        .
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SM_V9_PAR2      iris    CDS     14890728        14890829        .
        +       0       Parent=Smp_331810.1
SM_V9_PAR2      iris    CDS     14890871        14890935        .
        +       0       Parent=Smp_331810.1
SM_V9_PAR2      iris    CDS     14894037        14894232        .
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SM_V9_PAR2      iris    gene    14894153        14909638        .
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1;date_creation=2022-07-17
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SM_V9_PAR2      iris    exon    14904288        14904923        .
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Parent=Smp_054320.1;Name=3e4e7930-4189-404c-997b-c1772994d41b
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Parent=Smp_054320.1;Name=ab5cf82c-258a-47ee-9a2e-853b78ce419e
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SM_V9_PAR2      iris    CDS     14904288        14904923        .
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SM_V9_PAR2      iris    CDS     14906165        14906398        .
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SM_V9_PAR2      iris    CDS     14907899        14908193        .
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        +       .       ID=Smp_068480;geneID=Smp_068480
SM_V9_PAR2      Liftoff mRNA    14918012        14928446        .
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27
Pfam:PF05008,PF12352;Ontology_term=GO:0005484,GO:0005794,GO:0006810,
GO:0006886,GO:0016020,GO:0016192
SM_V9_PAR2      Liftoff exon    14918012        14918131        .
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SM_V9_PAR2      Liftoff exon    14918197        14918366        .
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SM_V9_PAR2      Liftoff exon    14925342        14925599        .
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SM_V9_PAR2      Liftoff exon    14934290        14934449        .
        -       .       Parent=Smp_054330.1
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        -       .       Parent=Smp_054330.1
SM_V9_PAR2      Liftoff exon    14934597        14934785        .
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SM_V9_PAR2      Liftoff exon    14934817        14934912        .
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SM_V9_PAR2      Liftoff CDS     14929726        14929861        .
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        -       0       Parent=Smp_054330.1
SM_V9_PAR2      Liftoff CDS     14934947        14935012        .
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SM_V9_PAR2      iris    gene    14941172        14950314        .
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ID=Smp_054340;geneID=Smp_054340;gene_name=Smp_054340;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    14941172        14950314        .
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ID=Smp_054340.1;Parent=Smp_054340;geneID=Smp_054340;gene_name=Smp_05
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beta;date_creation=2022-08-19
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Parent=Smp_054340.1;Name=9fb95578-2ca4-4488-89f7-43d15e1823f7
SM_V9_PAR2      iris    exon    14943437        14943707        .
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SM_V9_PAR2      iris    CDS     14946930        14947207        .
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SM_V9_PAR2      iris    CDS     14949511        14949892        .
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        +       2       Parent=Smp_054340.1
SM_V9_PAR2      Liftoff gene    14976902        14980238        .
        +       .       ID=Smp_054350;geneID=Smp_054350
SM_V9_PAR2      Liftoff mRNA    14976902        14980238        .
        +       .
ID=Smp_054350.1;Parent=Smp_054350;geneID=Smp_054350;product=Fork
head domain-containing protein
FD3;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR018122,IPR030
456 Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_PAR2      Liftoff exon    14976902        14980238        .
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SM_V9_PAR2      Liftoff CDS     14977148        14979163        .
        +       0       Parent=Smp_054350.1
SM_V9_PAR2      iris    gene    15027829        15118294        .
        -       .
ID=Smp_194800;geneID=Smp_194800;gene_name=Smp_194800;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    15027829        15118294        .
        -       .
ID=Smp_194800.1;Parent=Smp_194800;geneID=Smp_194800;gene_name=Smp_19
4800;owner=irisadmin@local.host;orig_id=Smp_194800.1;date_last_modif
ied=2022-07-19;Name=Smp_194800.1;product=Band 4.1-like protein
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2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    15027829        15029509        .
        -       .       Parent=Smp_194800.1;Name=af8a93f2-
f354-4142-9510-5a9173714cae
SM_V9_PAR2      iris    exon    15033123        15033188        .
        -       .       Parent=Smp_194800.1;Name=b4631b6e-8c3a-434f-
b2ed-809c173325ac
SM_V9_PAR2      iris    exon    15034806        15034868        .
        -       .       Parent=Smp_194800.1;Name=2186ac4a-5b97-46e1-
a597-28f99314d272
SM_V9_PAR2      iris    exon    15036557        15036652        .
        -       .       Parent=Smp_194800.1;Name=5bf59272-9554-4f7d-
ace7-f2c2d7b6cf97
SM_V9_PAR2      iris    exon    15038093        15038359        .
        -       .       Parent=Smp_194800.1;Name=eeb0cf9b-0005-4ca2-
b886-afa84d1c9cf2
SM_V9_PAR2      iris    exon    15039120        15039188        .
        -       .
Parent=Smp_194800.1;Name=df6940fa-20d6-42f9-96da-366dcf35ca76
SM_V9_PAR2      iris    exon    15040082        15040291        .
        -       .
Parent=Smp_194800.1;Name=32683fa3-1dd2-424b-9de3-244ca271fb3b
SM_V9_PAR2      iris    exon    15046206        15046415        .
        -       .       Parent=Smp_194800.1;Name=9f76280f-
e60d-4eb2-8881-c809b9a67cda
SM_V9_PAR2      iris    exon    15047657        15047919        .
        -       .       Parent=Smp_194800.1;Name=3caad074-
dad9-4547-8f2c-d11006cba0ca
SM_V9_PAR2      iris    exon    15049328        15049567        .
        -       .       Parent=Smp_194800.1;Name=39ce9c7c-1e0e-4883-
aaed-76d16f63f7ea
SM_V9_PAR2      iris    exon    15051086        15051245        .
        -       .       Parent=Smp_194800.1;Name=6166718e-6c75-488f-
b72c-18ec4893421c
SM_V9_PAR2      iris    exon    15054078        15054340        .
        -       .
Parent=Smp_194800.1;Name=e8236570-45de-47d7-83a1-f596b7870599
SM_V9_PAR2      iris    exon    15057901        15057942        .
        -       .       Parent=Smp_194800.1;Name=4d4c5925-29bb-42a5-
a37d-fa52188a2aba
SM_V9_PAR2      iris    exon    15059063        15059241        .
        -       .
Parent=Smp_194800.1;Name=06c44b9c-3dcb-4deb-940a-52314643fcd4
SM_V9_PAR2      iris    exon    15063433        15063770        .
        -       .       Parent=Smp_194800.1;Name=b0bac68a-8c9e-49ed-
b1ac-8cfee986ae71
SM_V9_PAR2      iris    exon    15065346        15065433        .
        -       .
Parent=Smp_194800.1;Name=7df64ede-812a-4b3b-94ca-f65f87f3d219
SM_V9_PAR2      iris    exon    15067445        15067627        .
        -       .
Parent=Smp_194800.1;Name=eef8b58c-918d-4364-8062-0d68ee2994bc
SM_V9_PAR2      iris    exon    15069898        15070018        .
        -       .       Parent=Smp_194800.1;Name=7dd9f55f-
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fc42-4c6c-917f-ad0d81e39321
SM_V9_PAR2      iris    exon    15073921        15073963        .
        -       .
Parent=Smp_194800.1;Name=7d76b227-23dc-487d-936a-6b99935f483c
SM_V9_PAR2      iris    exon    15083251        15083355        .
        -       .
Parent=Smp_194800.1;Name=6369898c-4524-41b6-815a-ae058c99cc38
SM_V9_PAR2      iris    exon    15108845        15109147        .
        -       .       Parent=Smp_194800.1;Name=5307d13d-860f-4cf7-
af09-b86e307d7e58
SM_V9_PAR2      iris    exon    15118180        15118294        .
        -       .
Parent=Smp_194800.1;Name=96464a61-76c0-41a3-916b-0d2b62261187
SM_V9_PAR2      iris    CDS     15029378        15029509        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15033123        15033188        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15034806        15034868        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15036557        15036652        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15038093        15038359        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15039120        15039188        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15040082        15040291        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15046206        15046415        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15047657        15047919        .
        -       2       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15049328        15049567        .
        -       2       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15051086        15051245        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15054078        15054340        .
        -       2       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15057901        15057942        .
        -       2       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15059063        15059241        .
        -       1       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15063433        15063770        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15065346        15065433        .
        -       1       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15067445        15067627        .
        -       1       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15069898        15070018        .
        -       2       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15073921        15073963        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15083251        15083355        .
        -       0       Parent=Smp_194800.1
SM_V9_PAR2      iris    CDS     15108845        15109147        .
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        -       0       Parent=Smp_194800.1
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        -       0       Parent=Smp_194800.1
SM_V9_PAR2      Liftoff gene    15128909        15163244        .
        -       .
ID=Smp_194820;geneID=Smp_194820;previous_systematic_id=Smp_151240
SM_V9_PAR2      Liftoff mRNA    15128909        15163108        .
        -       .
ID=Smp_194820.2;Parent=Smp_194820;geneID=Smp_194820;product=DNA
repair and recombination protein RAD54-like
(Fragment);polypeptide_domain=InterPro:IPR000330,IPR001650,IPR013967
,IPR014001,IPR027417
Pfam:PF00176,PF00271,PF08658;Ontology_term=GO:0005524,GO:0016817
SM_V9_PAR2      Liftoff exon    15128909        15129286        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15133071        15133234        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15133765        15133944        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15137061        15137139        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15138089        15138212        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15139782        15139907        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15142310        15142486        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15143211        15143283        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15151659        15151916        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15156385        15156509        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15156902        15157064        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15158990        15159059        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15159095        15159233        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15159266        15159326        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15159362        15159478        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15159511        15159570        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff exon    15159605        15163108        .
        -       .       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15129082        15129286        .
        -       1       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15133071        15133234        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15133765        15133944        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15137061        15137139        .
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        -       1       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15138089        15138212        .
        -       2       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15139782        15139907        .
        -       2       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15142310        15142486        .
        -       2       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15143211        15143283        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15151659        15151916        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15156385        15156509        .
        -       2       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15156902        15157064        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15158990        15159059        .
        -       1       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15159095        15159233        .
        -       2       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15159266        15159326        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15159362        15159478        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15159511        15159570        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff CDS     15159605        15159607        .
        -       0       Parent=Smp_194820.2
SM_V9_PAR2      Liftoff mRNA    15128909        15163244        .
        -       .
ID=Smp_194820.1;Parent=Smp_194820;geneID=Smp_194820;product=DNA
repair and recombination protein RAD54-like
(Fragment);polypeptide_domain=InterPro:IPR000330,IPR001650,IPR013967
,IPR014001,IPR027417
Pfam:PF00176,PF00271,PF08658;Ontology_term=GO:0005524,GO:0016817
SM_V9_PAR2      Liftoff exon    15128909        15129286        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15133071        15133234        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15133765        15133944        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15137061        15137139        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15138089        15138212        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15139782        15139907        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15142310        15142486        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15143211        15143283        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15151659        15151916        .
        -       .       Parent=Smp_194820.1
SM_V9_PAR2      Liftoff exon    15156385        15156509        .
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SM_V9_PAR2	Liftoff	exon	15156902	15157064	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	exon	15158158	15158283	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	exon	15158990	15159059	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	exon	15159095	15159233	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	exon	15159266	15159326	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	exon	15159362	15159478	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	exon	15159511	15159570	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	exon	15159605	15163244	.	-	.	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15129082	15129286	.	-	1	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15133071	15133234	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15133765	15133944	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15137061	15137139	.	-	1	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15138089	15138212	.	-	2	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15139782	15139907	.	-	2	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15142310	15142486	.	-	2	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15143211	15143283	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15151659	15151916	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15156385	15156509	.	-	2	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15156902	15157064	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15158158	15158283	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15158990	15159059	.	-	1	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15159095	15159233	.	-	2	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15159266	15159326	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15159362	15159478	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15159511	15159570	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	CDS	15159605	15159607	.	-	0	Parent=Smp_194820.1
SM_V9_PAR2	Liftoff	gene	15180808	15193787	.	+	.
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ID=Smp_344370;geneID=Smp_344370;previous_systematic_id=Smp_151250
SM_V9_PAR2      Liftoff mRNA    15180808        15193787        .
        +       .
ID=Smp_344370.1;Parent=Smp_344370;geneID=Smp_344370;product=ER lumen
protein-retaining receptor;polypeptide_domain=InterPro:IPR000133
Pfam:PF00810;Ontology_term=GO:0006621,GO:0016021,GO:0046923
SM_V9_PAR2      Liftoff exon    15180808        15185882        .
        +       .       Parent=Smp_344370.1
SM_V9_PAR2      Liftoff exon    15192405        15192657        .
        +       .       Parent=Smp_344370.1
SM_V9_PAR2      Liftoff exon    15193660        15193787        .
        +       .       Parent=Smp_344370.1
SM_V9_PAR2      Liftoff CDS     15185763        15185882        .
        +       0       Parent=Smp_344370.1
SM_V9_PAR2      Liftoff CDS     15192405        15192657        .
        +       0       Parent=Smp_344370.1
SM_V9_PAR2      Liftoff CDS     15193660        15193694        .
        +       2       Parent=Smp_344370.1
SM_V9_PAR2      Liftoff gene    15206331        15212904        .
        -       .       ID=Smp_323740;geneID=Smp_323740
SM_V9_PAR2      Liftoff mRNA    15206331        15212904        .
        -       .
ID=Smp_323740.1;Parent=Smp_323740;geneID=Smp_323740;product=ER lumen
protein-retaining receptor;polypeptide_domain=InterPro:IPR000133
Pfam:PF00810;Ontology_term=GO:0006621,GO:0016021,GO:0046923
SM_V9_PAR2      Liftoff exon    15206331        15206458        .
        -       .       Parent=Smp_323740.1
SM_V9_PAR2      Liftoff exon    15207461        15207713        .
        -       .       Parent=Smp_323740.1
SM_V9_PAR2      Liftoff exon    15212644        15212904        .
        -       .       Parent=Smp_323740.1
SM_V9_PAR2      Liftoff CDS     15206424        15206458        .
        -       2       Parent=Smp_323740.1
SM_V9_PAR2      Liftoff CDS     15207461        15207713        .
        -       0       Parent=Smp_323740.1
SM_V9_PAR2      Liftoff CDS     15212644        15212763        .
        -       0       Parent=Smp_323740.1
SM_V9_PAR2      iris    gene    15219890        15221779        .
        -       .
ID=Smp_054360;geneID=Smp_054360;gene_name=Smp_054360;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    15219890        15221779        .
        -       .
ID=Smp_054360.1;Parent=Smp_054360;geneID=Smp_054360;gene_name=Smp_05
4360;owner=irisadmin@local.host;orig_id=Smp_054360.2;date_last_modif
ied=2022-07-19;Name=Smp_054360.1;product=Adenine
phosphoribosyltransferase 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    15219890        15220386        .
        -       .
Parent=Smp_054360.1;Name=5d787bed-8126-47eb-91e6-043e94b0f4b5
SM_V9_PAR2      iris    exon    15221215        15221367        .
        -       .       Parent=Smp_054360.1;Name=69e78ea1-6a51-4558-
b795-cbefcbf0a7d5
SM_V9_PAR2      iris    exon    15221403        15221499        .
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        -       .       Parent=Smp_054360.1;Name=279d74d6-5cc3-4905-
ba1c-986ae20011b2
SM_V9_PAR2      iris    exon    15221543        15221779        .
        -       .       Parent=Smp_054360.1;Name=65132c17-
a190-4e11-99bb-dba4489b463f
SM_V9_PAR2      iris    CDS     15220162        15220386        .
        -       0       Parent=Smp_054360.1
SM_V9_PAR2      iris    CDS     15221215        15221367        .
        -       0       Parent=Smp_054360.1
SM_V9_PAR2      iris    CDS     15221403        15221499        .
        -       1       Parent=Smp_054360.1
SM_V9_PAR2      iris    CDS     15221543        15221628        .
        -       0       Parent=Smp_054360.1
SM_V9_PAR2      iris    gene    15242423        15244337        .
        -       .
ID=Smp_054410;geneID=Smp_054410;gene_name=Smp_054410;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    15242423        15244337        .
        -       .
ID=Smp_054410.1;Parent=Smp_054410;geneID=Smp_054410;gene_name=Smp_05
4410;owner=irisadmin@local.host;orig_id=Smp_054410.1;date_last_modif
ied=2022-08-19;Name=Smp_054410.1;product=Adenine
phosphoribosyltransferase;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    15242423        15242917        .
        -       .
Parent=Smp_054410.1;Name=fe98ec43-1f5b-430d-8ad6-11532690b41f
SM_V9_PAR2      iris    exon    15243729        15243881        .
        -       .       Parent=Smp_054410.1;Name=d684c414-731e-404d-
b3b9-050f54b10fbb
SM_V9_PAR2      iris    exon    15243917        15244013        .
        -       .       Parent=Smp_054410.1;Name=5f8f68af-
ad99-47b0-94ae-008a6595241b
SM_V9_PAR2      iris    exon    15244056        15244337        .
        -       .       Parent=Smp_054410.1;Name=c35cb028-7b2b-4a34-
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SM_V9_PAR2      iris    CDS     15242693        15242917        .
        -       0       Parent=Smp_054410.1
SM_V9_PAR2      iris    CDS     15243729        15243881        .
        -       0       Parent=Smp_054410.1
SM_V9_PAR2      iris    CDS     15243917        15244013        .
        -       1       Parent=Smp_054410.1
SM_V9_PAR2      iris    CDS     15244056        15244171        .
        -       0       Parent=Smp_054410.1
SM_V9_PAR2      Liftoff gene    15249878        15251717        .
        +       .       ID=Smp_151260;geneID=Smp_151260
SM_V9_PAR2      Liftoff mRNA    15249878        15251717        .
        +       .
ID=Smp_151260.1;Parent=Smp_151260;geneID=Smp_151260;product=Adenine
phosphoribosyltransferase;polypeptide_domain=InterPro:IPR000836,IPR0
29057;Ontology_term=GO:0009116
SM_V9_PAR2      Liftoff exon    15249878        15249950        .
        +       .       Parent=Smp_151260.1
SM_V9_PAR2      Liftoff exon    15250489        15250620        .
        +       .       Parent=Smp_151260.1
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SM_V9_PAR2      Liftoff exon    15251494        15251717        .
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SM_V9_PAR2      Liftoff CDS     15249878        15249950        .
        +       0       Parent=Smp_151260.1
SM_V9_PAR2      Liftoff CDS     15250489        15250620        .
        +       2       Parent=Smp_151260.1
SM_V9_PAR2      Liftoff CDS     15251494        15251717        .
        +       2       Parent=Smp_151260.1
SM_V9_PAR2      Liftoff gene    15302888        15318525        .
        +       .
ID=Smp_340890;geneID=Smp_340890;previous_systematic_id=Smp_054430
SM_V9_PAR2      Liftoff mRNA    15302888        15318525        .
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ID=Smp_340890.1;Parent=Smp_340890;geneID=Smp_340890;product=Transcri
ptional repressor scratch 1;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    15302888        15304939        .
        +       .       Parent=Smp_340890.1
SM_V9_PAR2      Liftoff exon    15315983        15318525        .
        +       .       Parent=Smp_340890.1
SM_V9_PAR2      Liftoff CDS     15303883        15304939        .
        +       0       Parent=Smp_340890.1
SM_V9_PAR2      Liftoff CDS     15315983        15317691        .
        +       2       Parent=Smp_340890.1
SM_V9_PAR2      Liftoff gene    15329408        15329842        .
        +       .       ID=Smp_151270;geneID=Smp_151270
SM_V9_PAR2      Liftoff mRNA    15329408        15329842        .
        +       .
ID=Smp_151270.1;Parent=Smp_151270;geneID=Smp_151270;product=Regulato
r of G-protein signaling 4
SM_V9_PAR2      Liftoff exon    15329408        15329842        .
        +       .       Parent=Smp_151270.1
SM_V9_PAR2      Liftoff CDS     15329408        15329842        .
        +       0       Parent=Smp_151270.1
SM_V9_PAR2      iris    gene    15357288        15363671        .
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ID=Smp_054450;geneID=Smp_054450;gene_name=Smp_054450;owner=irisadmin
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ied=2022-08-19;Name=Smp_054450.1;product=Protein
archease;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    15357288        15357399        .
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Parent=Smp_054450.1;Name=7ec58b22-5fc4-4c70-8fda-19000acfdf8c
SM_V9_PAR2      iris    exon    15357439        15357463        .
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Parent=Smp_054450.1;Name=b0e4d0e8-44f5-4ba2-9e5a-c6e05ea9c1b0
SM_V9_PAR2      iris    exon    15359464        15359506        .
        +       .       Parent=Smp_054450.1;Name=c8a6dbc0-9493-4e32-
a465-376add572431
SM_V9_PAR2      iris    exon    15359555        15359636        .
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SM_V9_PAR2      iris    exon    15360780        15360862        .
        +       .       Parent=Smp_054450.1;Name=5180f80c-4801-434f-
aea2-7dbe926725a3
SM_V9_PAR2      iris    exon    15362510        15362562        .
        +       .       Parent=Smp_054450.1;Name=1d9ac814-c5c5-4999-
bfa1-3bbe9cc852ab
SM_V9_PAR2      iris    exon    15362622        15362658        .
        +       .       Parent=Smp_054450.1;Name=26bb87d3-
cb8f-4655-8a37-c0a9d33f8581
SM_V9_PAR2      iris    exon    15363464        15363671        .
        +       .
Parent=Smp_054450.1;Name=ba45c679-6dce-4299-9624-2e61a916450a
SM_V9_PAR2      iris    CDS     15357345        15357399        .
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SM_V9_PAR2      iris    CDS     15357439        15357463        .
        +       2       Parent=Smp_054450.1
SM_V9_PAR2      iris    CDS     15359464        15359506        .
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SM_V9_PAR2      iris    CDS     15359555        15359636        .
        +       0       Parent=Smp_054450.1
SM_V9_PAR2      iris    CDS     15360780        15360862        .
        +       2       Parent=Smp_054450.1
SM_V9_PAR2      iris    CDS     15362510        15362562        .
        +       0       Parent=Smp_054450.1
SM_V9_PAR2      iris    CDS     15362622        15362658        .
        +       1       Parent=Smp_054450.1
SM_V9_PAR2      iris    CDS     15363464        15363553        .
        +       0       Parent=Smp_054450.1
SM_V9_PAR2      iris    gene    15407061        15408705        .
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ID=Smp_151285;geneID=Smp_151285;gene_name=Smp_151285;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    15407061        15408705        .
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ID=Smp_151285.1;Parent=Smp_151285;geneID=Smp_151285;gene_name=Smp_15
1285;owner=irisadmin@local.host;orig_id=Smp_151280.1;date_last_modif
ied=2022-08-19;Name=Smp_151285.1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    15407061        15407256        .
        -       .
Parent=Smp_151285.1;Name=a77081e9-0a3e-4d88-909e-eba19e290d45
SM_V9_PAR2      iris    exon    15408525        15408586        .
        -       .       Parent=Smp_151285.1;Name=8481e516-9146-4939-
ab5d-7accdb2c7193
SM_V9_PAR2      iris    exon    15408589        15408705        .
        -       .       Parent=Smp_151285.1;Name=9795a32a-accf-465d-
b182-954afc634d4e
SM_V9_PAR2      iris    CDS     15407171        15407256        .
        -       2       Parent=Smp_151285.1
SM_V9_PAR2      iris    CDS     15408525        15408586        .
        -       1       Parent=Smp_151285.1
SM_V9_PAR2      iris    CDS     15408589        15408671        .
        -       0       Parent=Smp_151285.1
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ID=Smp_151280.1;Parent=Smp_151280;geneID=Smp_151280;gene_name=Smp_15
1280;owner=irisadmin@local.host;orig_id=Smp_151280.1;date_last_modif
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element-binding protein 3-like protein 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    15416724        15417853        .
        -       .       Parent=Smp_151280.1;Name=Smp_151280.1-CDS
SM_V9_PAR2      iris    exon    15420814        15420997        .
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Parent=Smp_151280.1;Name=e3141503-283a-4c13-8f8c-4a8816d92056
SM_V9_PAR2      iris    exon    15421446        15421878        .
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Parent=Smp_151280.1;Name=97607aa2-7cca-4ee5-99e5-24abbe012b94
SM_V9_PAR2      iris    exon    15438373        15438575        .
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Parent=Smp_151280.1;Name=fbb0b3f5-7b1e-48c6-81a1-63efa117d3d8
SM_V9_PAR2      iris    exon    15445178        15445222        .
        -       .       Parent=Smp_151280.1;Name=f9db3cad-bfd8-4687-
a4a8-8f8b46096c37
SM_V9_PAR2      iris    exon    15447789        15448156        .
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Parent=Smp_151280.1;Name=be1250b4-96bf-4402-97db-ec26ca91660d
SM_V9_PAR2      iris    exon    15448199        15448660        .
        -       .       Parent=Smp_151280.1;Name=41a9b9e5-0208-4287-
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SM_V9_PAR2      iris    exon    15448699        15448852        .
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Parent=Smp_151280.1;Name=bee4f51b-2b96-4623-85f1-5590eefb6be6
SM_V9_PAR2      iris    exon    15448887        15448992        .
        -       .       Parent=Smp_151280.1;Name=68da30aa-b40d-4191-
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SM_V9_PAR2      iris    CDS     15417570        15417853        .
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SM_V9_PAR2      iris    CDS     15420814        15420997        .
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        -       1       Parent=Smp_151280.1
SM_V9_PAR2      iris    CDS     15438373        15438575        .
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SM_V9_PAR2      iris    CDS     15445178        15445222        .
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SM_V9_PAR2      iris    CDS     15447789        15448156        .
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SM_V9_PAR2      iris    CDS     15448199        15448660        .
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SM_V9_PAR2      iris    CDS     15448699        15448852        .
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SM_V9_PAR2	Liftoff	mRNA	15455528	15467292	.
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xin;polypeptide_domain=InterPro:IPR005746,IPR012336,IPR013766,IPR017
937 Pfam:PF00085;Ontology_term=GO:0006662,GO:0015035,GO:0045454
SM_V9_PAR2	Liftoff	exon	15455528	15455614	.
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SM_V9_PAR2	Liftoff	exon	15457183	15457347	.
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SM_V9_PAR2	Liftoff	exon	15459467	15467292	.
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SM_V9_PAR2	Liftoff	CDS	15455594	15455614	.
	+	0	Parent=Smp_054470.1
SM_V9_PAR2	Liftoff	CDS	15457183	15457347	.
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SM_V9_PAR2	Liftoff	CDS	15459467	15459595	.
	+	0	Parent=Smp_054470.1
SM_V9_PAR2	Liftoff	gene	15475428	15483861	.
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SM_V9_PAR2	Liftoff	mRNA	15475428	15483861	.
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ID=Smp_335150.1;Parent=Smp_335150;geneID=Smp_335150;product=Anosmin-
1
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SM_V9_PAR2	Liftoff	CDS	15483548	15483796	.
	+	0	Parent=Smp_335150.1
SM_V9_PAR2	iris	gene	15491018	15499409	.
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ID=Smp_244365;geneID=Smp_244365;gene_name=Smp_244365;owner=irisadmin
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ID=Smp_244365.1;Parent=Smp_244365;geneID=Smp_244365;gene_name=Smp_24
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ied=2022-07-19;Name=Smp_244365.1;date_creation=2022-07-19
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SM_V9_PAR2	iris	exon	15498792	15499409	.
	+	.	Parent=Smp_244365.1;Name=31d3ed90-b7d4-47d7-
a787-ca14a253bdcd
SM_V9_PAR2	iris	CDS	15491255	15491269	.
	+	0	Parent=Smp_244365.1
SM_V9_PAR2	iris	CDS	15498792	15498989	.
	+	0	Parent=Smp_244365.1
SM_V9_PAR2	iris	gene	15503882	15541536	.
	+	.
ID=Smp_244360;geneID=Smp_244360;gene_name=Smp_244360;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	15503882	15541536	.
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ID=Smp_244360.1;Parent=Smp_244360;geneID=Smp_244360;gene_name=Smp_24
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ied=2022-07-19;Name=Smp_244360.1;product=Multidrug and toxin
extrusion protein 2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    15503882        15504505        .
        +       .       Parent=Smp_244360.1;Name=Smp_244360.1-CDS
SM_V9_PAR2      iris    exon    15507267        15507412        .
        +       .       Parent=Smp_244360.1;Name=2d8d7840-2600-49a6-
a1e1-9e7c338fd3b7
SM_V9_PAR2      iris    exon    15512826        15512996        .
        +       .       Parent=Smp_244360.1;Name=62b7fb22-dfcf-470b-
b64f-f73e5b890fa8
SM_V9_PAR2      iris    exon    15516559        15516607        .
        +       .       Parent=Smp_244360.1;Name=ad3853e7-c5fb-447c-
b1d2-f9c2b9969ee2
SM_V9_PAR2      iris    exon    15517513        15517612        .
        +       .       Parent=Smp_244360.1;Name=ff392525-
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SM_V9_PAR2      iris    exon    15519194        15519236        .
        +       .       Parent=Smp_244360.1;Name=af5a01de-70fd-4a66-
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SM_V9_PAR2      iris    exon    15519333        15519377        .
        +       .       Parent=Smp_244360.1;Name=a4c3d9fe-
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SM_V9_PAR2      iris    exon    15524060        15524157        .
        +       .
Parent=Smp_244360.1;Name=ab0a3a47-7a7e-4110-8659-242ba4af1f55
SM_V9_PAR2      iris    exon    15526699        15526796        .
        +       .       Parent=Smp_244360.1;Name=79666505-c7bf-4802-
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SM_V9_PAR2      iris    exon    15528588        15528701        .
        +       .
Parent=Smp_244360.1;Name=1d0be836-7ee1-4e60-9d1b-241752efcd57
SM_V9_PAR2      iris    exon    15529880        15529950        .
        +       .       Parent=Smp_244360.1;Name=89df5db7-
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SM_V9_PAR2      iris    exon    15530876        15530984        .
        +       .       Parent=Smp_244360.1;Name=63ceb2bd-
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SM_V9_PAR2      iris    exon    15533758        15533833        .
        +       .
Parent=Smp_244360.1;Name=a8f0e9ba-4b11-44f1-9042-564fb98aa8a7
SM_V9_PAR2      iris    exon    15535820        15535889        .
        +       .       Parent=Smp_244360.1;Name=15ac96f8-1889-46aa-
bd89-7dcc59f819a1
SM_V9_PAR2      iris    exon    15537674        15537806        .
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Parent=Smp_244360.1;Name=8cb981e5-921c-4ca6-9c48-b8d3770e2a06
SM_V9_PAR2      iris    exon    15538611        15538705        .
        +       .
Parent=Smp_244360.1;Name=58fa9e33-4117-4f51-8b4c-eaa322dba213
SM_V9_PAR2      iris    exon    15539579        15539756        .
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a6cd-92318fa8a8c6
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SM_V9_PAR2      iris    CDS     15504259        15504505        .
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SM_V9_PAR2      iris    CDS     15507267        15507412        .
        +       2       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15512826        15512996        .
        +       0       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15516559        15516607        .
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SM_V9_PAR2      iris    CDS     15517513        15517612        .
        +       2       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15519194        15519236        .
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SM_V9_PAR2      iris    CDS     15524060        15524157        .
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SM_V9_PAR2      iris    CDS     15526699        15526796        .
        +       1       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15528588        15528701        .
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SM_V9_PAR2      iris    CDS     15529880        15529950        .
        +       2       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15530876        15530984        .
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SM_V9_PAR2      iris    CDS     15533758        15533833        .
        +       2       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15535820        15535889        .
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SM_V9_PAR2      iris    CDS     15537674        15537806        .
        +       0       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15538611        15538705        .
        +       2       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15539579        15539756        .
        +       0       Parent=Smp_244360.1
SM_V9_PAR2      iris    CDS     15541056        15541402        .
        +       2       Parent=Smp_244360.1
SM_V9_PAR2      Liftoff gene    15549218        15552688        .
        +       .
ID=Smp_244350;geneID=Smp_244350;previous_systematic_id=Smp_151290
SM_V9_PAR2      Liftoff mRNA    15549218        15552688        .
        +       .
ID=Smp_244350.1;Parent=Smp_244350;geneID=Smp_244350;product=Signal
recognition particle 14 kDa
protein;polypeptide_domain=InterPro:IPR003210,IPR009018
Pfam:PF02290;Ontology_term=GO:0005786,GO:0006614,GO:0008312,GO:00309
42,GO:0048500
SM_V9_PAR2      Liftoff exon    15549218        15549413        .
        +       .       Parent=Smp_244350.1
SM_V9_PAR2      Liftoff exon    15549452        15549524        .
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SM_V9_PAR2	Liftoff	exon	15549565	15549683	.
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SM_V9_PAR2	Liftoff	exon	15552378	15552688	.
	+	.	Parent=Smp_244350.1
SM_V9_PAR2	Liftoff	CDS	15549393	15549413	.
	+	0	Parent=Smp_244350.1
SM_V9_PAR2	Liftoff	CDS	15549452	15549524	.
	+	0	Parent=Smp_244350.1
SM_V9_PAR2	Liftoff	CDS	15549565	15549683	.
	+	2	Parent=Smp_244350.1
SM_V9_PAR2	Liftoff	CDS	15552378	15552524	.
	+	0	Parent=Smp_244350.1
SM_V9_PAR2	Liftoff	gene	15555925	15618949	.
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0719,IPR000980,IPR001245,IPR001452,IPR011009,IPR017441,IPR020635
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0005515,GO:0005524,GO:0006468
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SM_V9_PAR2	Liftoff	exon	15580704	15581044	.
	-	.	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	exon	15601577	15601745	.
	-	.	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	exon	15604407	15604588	.
	-	.	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	exon	15613721	15613842	.
	-	.	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	exon	15616234	15616838	.
	-	.	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	exon	15618711	15618949	.
	-	.	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	CDS	15556331	15556798	.
	-	0	Parent=Smp_212730.1
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SM_V9_PAR2	Liftoff	CDS	15601577	15601745	.
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SM_V9_PAR2	Liftoff	CDS	15604407	15604588	.
	-	2	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	CDS	15613721	15613842	.
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SM_V9_PAR2	Liftoff	CDS	15616234	15616838	.
	-	0	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	CDS	15618711	15618767	.
	-	0	Parent=Smp_212730.1
SM_V9_PAR2	Liftoff	gene	15628162	15629926	.
	+	.	ID=Smp_323770;geneID=Smp_323770
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Pfam:PF00226
SM_V9_PAR2	Liftoff	exon	15628162	15629147	.
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SM_V9_PAR2	Liftoff	exon	15629181	15629256	.
	+	.	Parent=Smp_323770.1
SM_V9_PAR2	Liftoff	exon	15629291	15629523	.
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SM_V9_PAR2	Liftoff	exon	15629564	15629926	.
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SM_V9_PAR2	Liftoff	CDS	15629291	15629523	.
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SM_V9_PAR2	Liftoff	CDS	15629564	15629614	.
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SM_V9_PAR2	iris	gene	15643272	15709266	.
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ID=Smp_151310;geneID=Smp_151310;gene_name=Smp_151310;owner=irisadmin
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ied=2022-07-19;Name=Smp_151310.1;product=Netrin-
A;date_creation=2022-07-19
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SM_V9_PAR2	iris	exon	15665195	15665383	.
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	+	.	Parent=Smp_151310.1;Name=16f19787-df1f-4449-
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SM_V9_PAR2	iris	exon	15678421	15678465	.
	+	.	Parent=Smp_151310.1;Name=84358701-2560-4e42-
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SM_V9_PAR2	iris	exon	15693383	15693421	.
	+	.	Parent=Smp_151310.1;Name=9b65d873-b744-45c9-
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SM_V9_PAR2	iris	exon	15696165	15696236	.
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SM_V9_PAR2	iris	exon	15707993	15709266	.
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SM_V9_PAR2      iris    CDS     15666410        15666565        .
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SM_V9_PAR2      iris    CDS     15678421        15678465        .
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SM_V9_PAR2      iris    CDS     15693383        15693421        .
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        +       2       Parent=Smp_151310.1
SM_V9_PAR2      iris    CDS     15707993        15708475        .
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SM_V9_PAR2      Liftoff mRNA    15712513        15725058        .
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Pfam:PF00307,PF03271;Ontology_term=GO:0005515,GO:0008017
SM_V9_PAR2      Liftoff exon    15712513        15713208        .
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SM_V9_PAR2      Liftoff exon    15713731        15713877        .
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SM_V9_PAR2      Liftoff exon    15717211        15717338        .
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SM_V9_PAR2      Liftoff exon    15724414        15724642        .
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SM_V9_PAR2      Liftoff exon    15724677        15724783        .
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SM_V9_PAR2      Liftoff exon    15724818        15725058        .
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SM_V9_PAR2      Liftoff CDS     15713164        15713208        .
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SM_V9_PAR2      Liftoff CDS     15713731        15713877        .
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SM_V9_PAR2      Liftoff CDS     15717211        15717338        .
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SM_V9_PAR2      Liftoff CDS     15724414        15724642        .
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SM_V9_PAR2      Liftoff CDS     15724677        15724783        .
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SM_V9_PAR2      Liftoff CDS     15724818        15724992        .
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SM_V9_PAR2      Liftoff gene    15731852        15735636        .
        +       .       ID=Smp_151320;geneID=Smp_151320
SM_V9_PAR2      Liftoff mRNA    15731852        15735636        .
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ID=Smp_151320.1;Parent=Smp_151320;geneID=Smp_151320;product=Targetin
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Pfam:PF06886
SM_V9_PAR2      Liftoff exon    15731852        15732602        .
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SM_V9_PAR2      Liftoff exon    15734171        15734416        .
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SM_V9_PAR2      Liftoff exon    15735211        15735636        .
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SM_V9_PAR2      Liftoff gene    15735639        15739218        .
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in-interacting protein K
SM_V9_PAR2      Liftoff exon    15735639        15735850        .
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SM_V9_PAR2      Liftoff exon    15738939        15739218        .
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SM_V9_PAR2      Liftoff CDS     15735755        15735850        .
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SM_V9_PAR2      Liftoff CDS     15738939        15739166        .
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SM_V9_PAR2      Liftoff mRNA    15822505        15885620        .
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76
SM_V9_PAR2      Liftoff exon    15822505        15865592        .
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        +       .       Parent=Smp_173760.1
SM_V9_PAR2      Liftoff exon    15883622        15885620        .
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SM_V9_PAR2      Liftoff CDS     15862286        15865592        .
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SM_V9_PAR2      Liftoff CDS     15875251        15876509        .
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SM_V9_PAR2      Liftoff CDS     15879005        15879370        .
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SM_V9_PAR2      Liftoff CDS     15883622        15884536        .
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SM_V9_PAR2      iris    gene    15912500        15939922        .
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ino80;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    15912500        15913532        .
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SM_V9_PAR2      iris    exon    15915569        15915728        .
        -       .       Parent=Smp_173730.1;Name=552fe695-e474-4069-
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SM_V9_PAR2      iris    exon    15926100        15926271        .
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SM_V9_PAR2      iris    exon    15939835        15939922        .
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SM_V9_PAR2      iris    CDS     15920268        15920285        .
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SM_V9_PAR2      iris    CDS     15926100        15926271        .
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SM_V9_PAR2      iris    CDS     15927620        15927729        .
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SM_V9_PAR2      iris    CDS     15931868        15931985        .
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SM_V9_PAR2      iris    CDS     15939835        15939886        .
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kinase NIM1;date_creation=2022-07-19
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SM_V9_PAR2      iris    mRNA    16032079        16047113        .
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Parent=Smp_038930.1;Name=c96fff73-84a8-4623-9375-0bb46f6c5c81
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        +       .       Parent=Smp_038930.1;Name=83fd343f-41fb-4773-
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SM_V9_PAR2      iris    exon    16043808        16044387        .
        +       .       Parent=Smp_038930.1;Name=4cb0429e-7445-4e07-
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SM_V9_PAR2      iris    exon    16045242        16045418        .
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SM_V9_PAR2      iris    CDS     16035101        16035314        .
        +       0       Parent=Smp_038930.1
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SM_V9_PAR2      iris    CDS     16043808        16044387        .
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SM_V9_PAR2      iris    CDS     16045242        16045418        .
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ID=Smp_038940.1;Parent=Smp_038940;geneID=Smp_038940;gene_name=Smp_03
8940;owner=irisadmin@local.host;orig_id=Smp_038940.2;date_last_modif
ied=2022-07-19;Name=Smp_038940.1;product=mRNA cap guanine-N7
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methyltransferase;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    16047119        16047842        .
        -       .
Parent=Smp_038940.1;Name=1a46161d-7376-48cf-9213-532db83fd2e1
SM_V9_PAR2      iris    exon    16053712        16054238        .
        -       .       Parent=Smp_038940.1;Name=6bb38f70-458a-4c56-
a2c3-1ed67de250b8
SM_V9_PAR2      iris    CDS     16047189        16047842        .
        -       0       Parent=Smp_038940.1
SM_V9_PAR2      iris    CDS     16053712        16054182        .
        -       0       Parent=Smp_038940.1
SM_V9_PAR2      iris    gene    16065533        16067279        .
        +       .
ID=Smp_038950;geneID=Smp_038950;gene_name=Smp_038950;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    16065533        16067279        .
        +       .
ID=Smp_038950.1;Parent=Smp_038950;geneID=Smp_038950;gene_name=Smp_03
8950;owner=irisadmin@local.host;orig_id=Smp_038950.1;date_last_modif
ied=2022-08-19;Name=Smp_038950.1;product=L-lactate dehydrogenase B-A
chain;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    16065533        16067279        .
        +       .
Parent=Smp_038950.1;Name=61d9e2f4-6aa1-40ed-88b9-0488a1f60af0
SM_V9_PAR2      iris    CDS     16065645        16066643        .
        +       0       Parent=Smp_038950.1
SM_V9_PAR2      iris    gene    16093246        16094687        .
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ID=Smp_038960;geneID=Smp_038960;gene_name=Smp_038960;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    16093246        16094687        .
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ID=Smp_038960.1;Parent=Smp_038960;geneID=Smp_038960;gene_name=Smp_03
8960;owner=irisadmin@local.host;orig_id=Smp_038960.1;date_last_modif
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chain;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    16093246        16094687        .
        -       .       Parent=Smp_038960.1;Name=c1887f76-9fb9-4708-
af18-29e594850813
SM_V9_PAR2      iris    CDS     16093463        16094461        .
        -       0       Parent=Smp_038960.1
SM_V9_PAR2      iris    gene    16099062        16101002        .
        -       .
ID=Smp_038965;geneID=Smp_038965;gene_name=Smp_038965;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    16099062        16101002        .
        -       .
ID=Smp_038965.1;Parent=Smp_038965;geneID=Smp_038965;gene_name=Smp_03
8965;owner=irisadmin@local.host;orig_id=Smp_038960.1;date_last_modif
ied=2022-07-19;Name=Smp_038965.1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    16099062        16099326        .
        -       .       Parent=Smp_038965.1;Name=Smp_038965.1-CDS
SM_V9_PAR2      iris    exon    16099961        16100159        .
        -       .       Parent=Smp_038965.1;Name=9631a675-
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aec8-4238-90d4-62a56e444766
SM_V9_PAR2      iris    exon    16100887        16101002        .
        -       .
Parent=Smp_038965.1;Name=bb182061-462e-4012-93fe-ba4f173cb876
SM_V9_PAR2      iris    CDS     16099192        16099326        .
        -       0       Parent=Smp_038965.1
SM_V9_PAR2      iris    CDS     16099961        16100159        .
        -       1       Parent=Smp_038965.1
SM_V9_PAR2      iris    CDS     16100887        16100933        .
        -       0       Parent=Smp_038965.1
SM_V9_PAR2      Liftoff gene    16103269        16114965        .
        +       .       ID=Smp_038980;geneID=Smp_038980
SM_V9_PAR2      Liftoff mRNA    16103269        16114965        .
        +       .
ID=Smp_038980.1;Parent=Smp_038980;geneID=Smp_038980;product=Deoxynuc
leotidyltransferase terminal-interacting protein
2;polypeptide_domain=InterPro:IPR014810 Pfam:PF08698
SM_V9_PAR2      Liftoff exon    16103269        16106588        .
        +       .       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff exon    16107316        16107514        .
        +       .       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff exon    16108149        16108214        .
        +       .       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff exon    16111513        16111668        .
        +       .       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff exon    16112397        16112503        .
        +       .       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff exon    16114696        16114965        .
        +       .       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff CDS     16106542        16106588        .
        +       0       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff CDS     16107316        16107514        .
        +       1       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff CDS     16108149        16108214        .
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SM_V9_PAR2      Liftoff CDS     16114696        16114837        .
        +       1       Parent=Smp_038980.1
SM_V9_PAR2      Liftoff gene    16117508        16160605        .
        -       .
ID=Smp_244300;geneID=Smp_244300;previous_systematic_id=Smp_038970,Sm
p_142680
SM_V9_PAR2      Liftoff mRNA    16117508        16160605        .
        -       .
ID=Smp_244300.1;Parent=Smp_244300;geneID=Smp_244300;product=Long-
chain-fatty-acid--CoA ligase 5;polypeptide_domain=InterPro:IPR000873
Pfam:PF00501;Ontology_term=GO:0003824,GO:0008152
SM_V9_PAR2      Liftoff exon    16117508        16117862        .
        -       .       Parent=Smp_244300.1
SM_V9_PAR2      Liftoff exon    16120352        16120741        .
        -       .       Parent=Smp_244300.1
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SM_V9_PAR2	Liftoff	exon	16123047	16123163	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16124280	16124444	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16125744	16125894	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16126118	16126335	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16136474	16136545	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16139241	16139320	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16142478	16142529	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16143817	16143849	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16146585	16146754	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16152320	16152419	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16154224	16154325	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16154378	16154445	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16156631	16156727	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	exon	16158510	16160605	.	-	.	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16117719	16117862	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16120352	16120741	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16123047	16123163	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16124280	16124444	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16125744	16125894	.	-	1	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16126118	16126335	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16136474	16136545	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16139241	16139320	.	-	2	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16142478	16142529	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16143817	16143849	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16146585	16146754	.	-	2	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16152320	16152419	.	-	0	Parent=Smp_244300.1
SM_V9_PAR2	Liftoff	CDS	16154224	16154325	.	-	0	Parent=Smp_244300.1
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SM_V9_PAR2      Liftoff CDS     16154378        16154445        .
        -       2       Parent=Smp_244300.1
SM_V9_PAR2      Liftoff CDS     16156631        16156727        .
        -       0       Parent=Smp_244300.1
SM_V9_PAR2      Liftoff CDS     16158510        16158668        .
        -       0       Parent=Smp_244300.1
SM_V9_PAR2      iris    gene    16191064        16198825        .
        -       .
ID=Smp_037930;geneID=Smp_037930;gene_name=Smp_037930;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    16191064        16198825        .
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ID=Smp_037930.1;Parent=Smp_037930;geneID=Smp_037930;gene_name=Smp_03
7930;owner=irisadmin@local.host;orig_id=Smp_037930.1;date_last_modif
ied=2022-07-19;Name=Smp_037930.1;product=Methyltransferase-like
protein 2-A;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    16191064        16191218        .
        -       .
Parent=Smp_037930.1;Name=787c7c0a-193e-4638-8838-1f610eb91c56
SM_V9_PAR2      iris    exon    16191265        16191437        .
        -       .
Parent=Smp_037930.1;Name=d38c01d0-1193-46f4-9371-c4725401cef8
SM_V9_PAR2      iris    exon    16191479        16191618        .
        -       .       Parent=Smp_037930.1;Name=3d6e09c0-a5f0-4c24-
b7ef-5e07c4480860
SM_V9_PAR2      iris    exon    16191654        16191714        .
        -       .       Parent=Smp_037930.1;Name=fd016c3d-7e99-4b56-
a2ad-1de958372f6f
SM_V9_PAR2      iris    exon    16191749        16191821        .
        -       .       Parent=Smp_037930.1;Name=78852a1e-1f05-4928-
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SM_V9_PAR2      iris    exon    16191855        16191974        .
        -       .       Parent=Smp_037930.1;Name=d0c7de89-
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SM_V9_PAR2      iris    exon    16192010        16192101        .
        -       .       Parent=Smp_037930.1;Name=6032725a-
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SM_V9_PAR2      iris    exon    16192137        16192226        .
        -       .       Parent=Smp_037930.1;Name=11792f9a-8caf-4451-
a8af-aa938f48b732
SM_V9_PAR2      iris    exon    16197073        16197156        .
        -       .       Parent=Smp_037930.1;Name=2de2777a-5cae-47fd-
b8e5-5085c5054767
SM_V9_PAR2      iris    exon    16198731        16198825        .
        -       .       Parent=Smp_037930.1;Name=990c605a-bc82-4f2d-
b2a7-e7636ac7b114
SM_V9_PAR2      iris    CDS     16191082        16191218        .
        -       2       Parent=Smp_037930.1
SM_V9_PAR2      iris    CDS     16191265        16191437        .
        -       1       Parent=Smp_037930.1
SM_V9_PAR2      iris    CDS     16191479        16191618        .
        -       0       Parent=Smp_037930.1
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        -       1       Parent=Smp_037930.1
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	-	2	Parent=Smp_037930.1
SM_V9_PAR2	iris	CDS	16191855	16191974	.
	-	2	Parent=Smp_037930.1
SM_V9_PAR2	iris	CDS	16192010	16192101	.
	-	1	Parent=Smp_037930.1
SM_V9_PAR2	iris	CDS	16192137	16192216	.
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SM_V9_PAR2	iris	gene	16210609	16218798	.
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ID=Smp_306230;geneID=Smp_306230;gene_name=Smp_306230;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	16210609	16218798	.
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ID=Smp_306230.1;Parent=Smp_306230;geneID=Smp_306230;gene_name=Smp_30
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ied=2022-07-19;Name=Smp_306230.1;product=Nucleolin;date_creation=202
2-07-19
SM_V9_PAR2	iris	exon	16210609	16210664	.
	+	.	Parent=Smp_306230.1;Name=e2dc617e-
c3f7-4355-8fec-b25feafef1cc
SM_V9_PAR2	iris	exon	16210697	16210759	.
	+	.	Parent=Smp_306230.1;Name=15949926-
a114-491f-976b-9fe14fb9cb3b
SM_V9_PAR2	iris	exon	16210794	16210856	.
	+	.	Parent=Smp_306230.1;Name=1e7f2101-a596-4636-
bd29-cc88ef49289a
SM_V9_PAR2	iris	exon	16211927	16212094	.
	+	.
Parent=Smp_306230.1;Name=6814da12-839a-4c25-8bbc-debc64a34ce7
SM_V9_PAR2	iris	exon	16212955	16213071	.
	+	.
Parent=Smp_306230.1;Name=61a80c40-5ab4-4b8f-8341-15c08d6d7dcd
SM_V9_PAR2	iris	exon	16214126	16214228	.
	+	.
Parent=Smp_306230.1;Name=2a97718e-73ed-4dcb-8ec6-fd2e1310a38d
SM_V9_PAR2	iris	exon	16215143	16215263	.
	+	.	Parent=Smp_306230.1;Name=9b216243-
c298-4243-81b9-12b08d26fbbd
SM_V9_PAR2	iris	exon	16216492	16216788	.
	+	.	Parent=Smp_306230.1;Name=95421772-e8be-47d3-
aa81-2ec6b0c13f08
SM_V9_PAR2	iris	exon	16217530	16217650	.
	+	.	Parent=Smp_306230.1;Name=66349519-fb78-4047-
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SM_V9_PAR2	iris	exon	16218356	16218798	.
	+	.	Parent=Smp_306230.1;Name=6acb1c4e-
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SM_V9_PAR2	iris	CDS	16210644	16210664	.
	+	0	Parent=Smp_306230.1
SM_V9_PAR2	iris	CDS	16210697	16210759	.
	+	0	Parent=Smp_306230.1
SM_V9_PAR2	iris	CDS	16210794	16210856	.
	+	0	Parent=Smp_306230.1
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SM_V9_PAR2	iris	CDS	16211927	16212094	.
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SM_V9_PAR2	iris	CDS	16212955	16213071	.
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SM_V9_PAR2	iris	CDS	16214126	16214228	.
	+	0	Parent=Smp_306230.1
SM_V9_PAR2	iris	CDS	16215143	16215263	.
	+	2	Parent=Smp_306230.1
SM_V9_PAR2	iris	CDS	16216492	16216788	.
	+	1	Parent=Smp_306230.1
SM_V9_PAR2	iris	CDS	16217530	16217650	.
	+	1	Parent=Smp_306230.1
SM_V9_PAR2	iris	CDS	16218356	16218754	.
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SM_V9_PAR2	iris	mRNA	16210609	16218798	.
	+	.
ID=Smp_306230.2;Parent=Smp_306230;geneID=Smp_306230;gene_name=Smp_30
6230;owner=irisadmin@local.host;orig_id=Smp_306230.2;date_last_modif
ied=2022-07-19;Name=Smp_306230.2;product=Nucleolin;date_creation=202
2-07-19
SM_V9_PAR2	iris	exon	16210609	16210664	.
	+	.	Parent=Smp_306230.2;Name=91737105-c747-484c-
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SM_V9_PAR2	iris	exon	16210697	16210759	.
	+	.	Parent=Smp_306230.2;Name=0cc746a8-fa6f-43e1-
bee8-cc991b612b16
SM_V9_PAR2	iris	exon	16210794	16210856	.
	+	.	Parent=Smp_306230.2;Name=827a8705-ebe1-4a65-
a16d-d2085fcc502a
SM_V9_PAR2	iris	exon	16212955	16213071	.
	+	.	Parent=Smp_306230.2;Name=2d04cdf6-
eea4-4a2e-8980-1fab0e874c90
SM_V9_PAR2	iris	exon	16214126	16214228	.
	+	.	Parent=Smp_306230.2;Name=c506e05d-afde-4415-
a07a-d00f491e23ba
SM_V9_PAR2	iris	exon	16215143	16215263	.
	+	.	Parent=Smp_306230.2;Name=37312cb2-b85e-45ca-
be9c-7a56521fa664
SM_V9_PAR2	iris	exon	16216492	16216788	.
	+	.	Parent=Smp_306230.2;Name=c394d975-e81e-4aaf-
b8ca-43bc5c7e7e3e
SM_V9_PAR2	iris	exon	16217530	16217650	.
	+	.
Parent=Smp_306230.2;Name=3868c74a-2121-4d93-9a4b-291d6d278e5a
SM_V9_PAR2	iris	exon	16218356	16218798	.
	+	.	Parent=Smp_306230.2;Name=1454d002-2f9b-497e-
aee1-57da814095b3
SM_V9_PAR2	iris	CDS	16210644	16210664	.
	+	0	Parent=Smp_306230.2
SM_V9_PAR2	iris	CDS	16210697	16210759	.
	+	0	Parent=Smp_306230.2
SM_V9_PAR2	iris	CDS	16210794	16210856	.
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SM_V9_PAR2	iris	CDS	16212955	16213071	.
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        +       0       Parent=Smp_306230.2
SM_V9_PAR2      iris    CDS     16214126        16214228        .
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SM_V9_PAR2      iris    CDS     16215143        16215263        .
        +       2       Parent=Smp_306230.2
SM_V9_PAR2      iris    CDS     16216492        16216788        .
        +       1       Parent=Smp_306230.2
SM_V9_PAR2      iris    CDS     16217530        16217650        .
        +       1       Parent=Smp_306230.2
SM_V9_PAR2      iris    CDS     16218356        16218754        .
        +       0       Parent=Smp_306230.2
SM_V9_PAR2      iris    gene    16224523        16241683        .
        +       .
ID=Smp_306240;geneID=Smp_306240;gene_name=Smp_306240;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    16224523        16241683        .
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ID=Smp_306240.1;Parent=Smp_306240;geneID=Smp_306240;gene_name=Smp_30
6240;owner=irisadmin@local.host;orig_id=Smp_306240.2;date_last_modif
ied=2022-07-19;Name=Smp_306240.1;product=Neuronal acetylcholine
receptor subunit alpha-3;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    16224523        16224715        .
        +       .
Parent=Smp_306240.1;Name=d3f382ca-2e0f-4e90-9c19-5d52a18b38e8
SM_V9_PAR2      iris    exon    16226871        16227070        .
        +       .       Parent=Smp_306240.1;Name=d98818ec-c12a-4499-
b0f4-29da38aa672e
SM_V9_PAR2      iris    exon    16229461        16229570        .
        +       .
Parent=Smp_306240.1;Name=4c87b618-405a-44fc-8b90-2222618b8bbd
SM_V9_PAR2      iris    exon    16230224        16230359        .
        +       .       Parent=Smp_306240.1;Name=a7213c1b-
b72a-4097-8349-55776fbab8cc
SM_V9_PAR2      iris    exon    16232443        16232628        .
        +       .
Parent=Smp_306240.1;Name=1c2db2af-445e-4c6e-88dd-616e9c443947
SM_V9_PAR2      iris    exon    16234564        16234774        .
        +       .
Parent=Smp_306240.1;Name=eb7652b4-877f-4bfd-9470-b4f8f3b97210
SM_V9_PAR2      iris    exon    16236576        16236662        .
        +       .       Parent=Smp_306240.1;Name=08435d99-5370-4bbc-
b946-c84af0dbaeeb
SM_V9_PAR2      iris    exon    16237731        16237849        .
        +       .       Parent=Smp_306240.1;Name=c0b6a2a2-6f65-4fde-
afb9-ae0b275ae956
SM_V9_PAR2      iris    exon    16240479        16241683        .
        +       .       Parent=Smp_306240.1;Name=2cb8acc6-635c-45c9-
a5ab-09df461bf24f
SM_V9_PAR2      iris    CDS     16224646        16224715        .
        +       0       Parent=Smp_306240.1
SM_V9_PAR2      iris    CDS     16226871        16227070        .
        +       2       Parent=Smp_306240.1
SM_V9_PAR2      iris    CDS     16229461        16229570        .
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SM_V9_PAR2	iris	CDS	16230224	16230359	.
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SM_V9_PAR2	iris	CDS	16236576	16236662	.
	+	2	Parent=Smp_306240.1
SM_V9_PAR2	iris	CDS	16237731	16237849	.
	+	2	Parent=Smp_306240.1
SM_V9_PAR2	iris	CDS	16240479	16240979	.
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SM_V9_PAR2	Liftoff	gene	16252849	16268391	.
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SM_V9_PAR2	Liftoff	mRNA	16252849	16268391	.
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006202,IPR018000
Pfam:PF02931,PF02932;Ontology_term=GO:0005216,GO:0005230,GO:0006811,
GO:0016021,GO:0022848,GO:0045211
SM_V9_PAR2	Liftoff	exon	16252849	16253059	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	exon	16256523	16256716	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	exon	16258427	16258536	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	exon	16260328	16260463	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	exon	16263764	16264163	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	exon	16265137	16265223	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	exon	16265888	16266006	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	exon	16267031	16268391	.
	+	.	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	CDS	16252969	16253059	.
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SM_V9_PAR2	Liftoff	CDS	16256523	16256716	.
	+	2	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	CDS	16258427	16258536	.
	+	0	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	CDS	16260328	16260463	.
	+	1	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	CDS	16263764	16264163	.
	+	0	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	CDS	16265137	16265223	.
	+	2	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	CDS	16265888	16266006	.
	+	2	Parent=Smp_037960.1
SM_V9_PAR2	Liftoff	CDS	16267031	16267711	.
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@local.host;date_last_modified=2022-08-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    16277263        16301743        .
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ID=Smp_142700.1;Parent=Smp_142700;geneID=Smp_142700;gene_name=Smp_14
2700;owner=irisadmin@local.host;orig_id=Smp_142700.2;date_last_modif
ied=2022-08-19;Name=Smp_142700.1;product=Neuronal acetylcholine
receptor subunit alpha-9;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    16277263        16277466        .
        +       .       Parent=Smp_142700.1;Name=8f06717e-00cf-44ea-
b809-e4c3540497f3
SM_V9_PAR2      iris    exon    16283334        16283527        .
        +       .       Parent=Smp_142700.1;Name=d41fb226-
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SM_V9_PAR2      iris    exon    16286176        16286285        .
        +       .       Parent=Smp_142700.1;Name=9b74a76c-3def-4ac9-
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SM_V9_PAR2      iris    exon    16288252        16288387        .
        +       .       Parent=Smp_142700.1;Name=e2cf6831-e87c-48aa-
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SM_V9_PAR2      iris    exon    16292440        16292839        .
        +       .       Parent=Smp_142700.1;Name=a8d5263c-d972-4461-
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SM_V9_PAR2      iris    exon    16297828        16297914        .
        +       .       Parent=Smp_142700.1;Name=bafbb001-7d02-4480-
ab09-34e8a3d7192d
SM_V9_PAR2      iris    exon    16299174        16299292        .
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Parent=Smp_142700.1;Name=a7cb727c-5647-4f11-87b8-715d6588ea15
SM_V9_PAR2      iris    exon    16300606        16301743        .
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Parent=Smp_142700.1;Name=b073ca02-9de7-4252-9c27-c409140515bf
SM_V9_PAR2      iris    CDS     16277358        16277466        .
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SM_V9_PAR2      iris    CDS     16283334        16283527        .
        +       2       Parent=Smp_142700.1
SM_V9_PAR2      iris    CDS     16286176        16286285        .
        +       0       Parent=Smp_142700.1
SM_V9_PAR2      iris    CDS     16288252        16288387        .
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        +       2       Parent=Smp_142700.1
SM_V9_PAR2      iris    CDS     16300606        16301286        .
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SM_V9_PAR2      Liftoff gene    16305186        16337665        .
        -       .       ID=Smp_142710;geneID=Smp_142710
SM_V9_PAR2      Liftoff mRNA    16305186        16337665        .
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1009,IPR020683,IPR031559
Pfam:PF00454,PF02260,PF12796,PF15785;Ontology_term=GO:0000184,GO:000
4674,GO:0005515,GO:0016301,GO:0016310
SM_V9_PAR2      Liftoff exon    16305186        16306815        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16306934        16307860        .
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SM_V9_PAR2      Liftoff exon    16309806        16309935        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16310680        16314302        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16315176        16315529        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16316004        16316254        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16318304        16318726        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16319191        16319431        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16321014        16321352        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16322869        16323111        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16326926        16327823        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16328185        16328556        .
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SM_V9_PAR2      Liftoff exon    16329548        16333155        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16333244        16333471        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16333512        16333613        .
        -       .       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff exon    16333646        16337665        .
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SM_V9_PAR2      Liftoff CDS     16306606        16306815        .
        -       0       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff CDS     16306934        16307860        .
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SM_V9_PAR2      Liftoff CDS     16309806        16309935        .
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SM_V9_PAR2      Liftoff CDS     16310680        16314302        .
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SM_V9_PAR2      Liftoff CDS     16315176        16315529        .
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SM_V9_PAR2      Liftoff CDS     16316004        16316254        .
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SM_V9_PAR2      Liftoff CDS     16318304        16318726        .
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SM_V9_PAR2      Liftoff CDS     16319191        16319431        .
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SM_V9_PAR2      Liftoff CDS     16321014        16321352        .
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SM_V9_PAR2      Liftoff CDS     16322869        16323111        .
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SM_V9_PAR2      Liftoff CDS     16326926        16327823        .
        -       1       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff CDS     16328185        16328556        .
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SM_V9_PAR2      Liftoff CDS     16329548        16333155        .
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SM_V9_PAR2      Liftoff CDS     16333512        16333613        .
        -       0       Parent=Smp_142710.1
SM_V9_PAR2      Liftoff CDS     16333646        16333780        .
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SM_V9_PAR2      Liftoff gene    16367710        16451295        .
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ID=Smp_142740;geneID=Smp_142740;previous_systematic_id=Smp_118850,Sm
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SM_V9_PAR2      Liftoff mRNA    16367710        16451295        .
        -       .
ID=Smp_142740.1;Parent=Smp_142740;geneID=Smp_142740;product=Rho
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100F;polypeptide_domain=InterPro:IPR000008,IPR000198,IPR008936
Pfam:PF00620;Ontology_term=GO:0007165
SM_V9_PAR2      Liftoff exon    16367710        16370091        .
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SM_V9_PAR2      Liftoff exon    16372527        16372998        .
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SM_V9_PAR2      Liftoff exon    16390310        16390470        .
        -       .       Parent=Smp_142740.1
SM_V9_PAR2      Liftoff exon    16422665        16423876        .
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SM_V9_PAR2      Liftoff exon    16448033        16451295        .
        -       .       Parent=Smp_142740.1
SM_V9_PAR2      Liftoff CDS     16369589        16370091        .
        -       2       Parent=Smp_142740.1
SM_V9_PAR2      Liftoff CDS     16372527        16372998        .
        -       0       Parent=Smp_142740.1
SM_V9_PAR2      Liftoff CDS     16390310        16390470        .
        -       2       Parent=Smp_142740.1
SM_V9_PAR2      Liftoff CDS     16422665        16423876        .
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SM_V9_PAR2      Liftoff CDS     16448033        16450367        .
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SM_V9_PAR2      iris    gene    16496108        16513182        .
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ID=Smp_038030;geneID=Smp_038030;gene_name=Smp_038030;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    16496108        16513182        .
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ID=Smp_038030.1;Parent=Smp_038030;geneID=Smp_038030;gene_name=Smp_03
8030;owner=irisadmin@local.host;orig_id=Smp_038030.1;date_last_modif
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SM_V9_PAR2      iris    exon    16497045        16497178        .
        +       .       Parent=Smp_038030.1;Name=1d2b6f61-4499-4e46-
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Parent=Smp_038030.1;Name=1a173e9d-95e2-45d6-8014-c97d5d66420f
SM_V9_PAR2      iris    exon    16501306        16501637        .
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SM_V9_PAR2      iris    exon    16502372        16502575        .
        +       .       Parent=Smp_038030.1;Name=b69cf667-6702-4816-
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SM_V9_PAR2      iris    exon    16509772        16510014        .
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SM_V9_PAR2      iris    exon    16511439        16511708        .
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SM_V9_PAR2      iris    CDS     16501306        16501637        .
        +       2       Parent=Smp_038030.1
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SM_V9_PAR2      iris    CDS     16509772        16510014        .
        +       0       Parent=Smp_038030.1
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        +       0       Parent=Smp_038030.1
SM_V9_PAR2      iris    CDS     16512792        16512878        .
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SM_V9_PAR2      Liftoff gene    16515413        16539180        .
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SM_V9_PAR2      Liftoff mRNA    16515413        16539180        .
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mal protein of 95 kDa
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SM_V9_PAR2	Liftoff	exon	16520940	16521238	.
	-	.	Parent=Smp_343550.1
SM_V9_PAR2	Liftoff	exon	16531348	16531585	.
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	-	.	Parent=Smp_343550.1
SM_V9_PAR2	Liftoff	exon	16538758	16538968	.
	-	.	Parent=Smp_343550.1
SM_V9_PAR2	Liftoff	exon	16539005	16539180	.
	-	.	Parent=Smp_343550.1
SM_V9_PAR2	Liftoff	CDS	16515534	16515695	.
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SM_V9_PAR2	Liftoff	CDS	16516563	16516647	.
	-	1	Parent=Smp_343550.1
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SM_V9_PAR2	Liftoff	CDS	16520940	16521238	.
	-	2	Parent=Smp_343550.1
SM_V9_PAR2	Liftoff	CDS	16531348	16531585	.
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SM_V9_PAR2	Liftoff	CDS	16538758	16538968	.
	-	2	Parent=Smp_343550.1
SM_V9_PAR2	Liftoff	CDS	16539005	16539161	.
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SM_V9_PAR2	iris	gene	16548061	16564684	.
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ID=Smp_142770;geneID=Smp_142770;gene_name=Smp_142770;owner=irisadmin
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	-	.
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2770;owner=irisadmin@local.host;orig_id=Smp_142770.1;date_last_modif
ied=2022-08-19;Name=Smp_142770.1;product=Transportin-1;date_creation
=2022-08-19
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SM_V9_PAR2	iris	exon	16550262	16550549	.
	-	.	Parent=Smp_142770.1;Name=a2eb3f72-
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	-	.	Parent=Smp_142770.1;Name=0947b509-a297-44be-
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	-	.	Parent=Smp_142770.1;Name=e9e04fff-
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SM_V9_PAR2	iris	exon	16556590	16556685	.
	-	.	Parent=Smp_142770.1;Name=7e6d168f-
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a62b-45a3-8da6-f3f6e7132c94
SM_V9_PAR2      iris    exon    16559219        16559564        .
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SM_V9_PAR2      iris    exon    16560080        16560274        .
        -       .       Parent=Smp_142770.1;Name=6b819a15-c6c7-4845-
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SM_V9_PAR2      iris    exon    16560309        16560533        .
        -       .       Parent=Smp_142770.1;Name=9c19adaf-9a8a-44e8-
b3a3-c34ce539b711
SM_V9_PAR2      iris    exon    16560565        16560737        .
        -       .       Parent=Smp_142770.1;Name=91cc865b-0fb0-4067-
a21a-f23ea2f71908
SM_V9_PAR2      iris    exon    16560770        16560971        .
        -       .       Parent=Smp_142770.1;Name=3378b323-
d009-42fb-9ad1-8840b27d8e62
SM_V9_PAR2      iris    exon    16561008        16561100        .
        -       .       Parent=Smp_142770.1;Name=216341f4-3849-4cfb-
b68a-3a4ebb9f2f52
SM_V9_PAR2      iris    exon    16561132        16561311        .
        -       .
Parent=Smp_142770.1;Name=b8bda390-5f7e-47b1-9953-0a7c8b071d0c
SM_V9_PAR2      iris    exon    16561344        16561548        .
        -       .       Parent=Smp_142770.1;Name=15b6d68d-
a981-428a-9e40-372812095266
SM_V9_PAR2      iris    exon    16563993        16564126        .
        -       .
Parent=Smp_142770.1;Name=fb61f5be-3cca-40a6-92ae-5df41348155a
SM_V9_PAR2      iris    exon    16564160        16564416        .
        -       .       Parent=Smp_142770.1;Name=591a527a-9ffa-4108-
b42f-cf80a45f35a4
SM_V9_PAR2      iris    exon    16564457        16564532        .
        -       .       Parent=Smp_142770.1;Name=a26d469c-5383-4fcf-
b78f-bd6374ff61cf
SM_V9_PAR2      iris    exon    16564564        16564684        .
        -       .
Parent=Smp_142770.1;Name=f6ff864f-1b6e-4358-9744-f0467063fa17
SM_V9_PAR2      iris    CDS     16550442        16550549        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16551853        16552027        .
        -       1       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16555747        16555822        .
        -       2       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16556590        16556685        .
        -       2       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16559219        16559564        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16560080        16560274        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16560309        16560533        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16560565        16560737        .
        -       2       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16560770        16560971        .
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        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16561008        16561100        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16561132        16561311        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16561344        16561548        .
        -       1       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16563993        16564126        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16564160        16564416        .
        -       2       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16564457        16564532        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      iris    CDS     16564564        16564662        .
        -       0       Parent=Smp_142770.1
SM_V9_PAR2      Liftoff gene    16583237        16596994        .
        +       .       ID=Smp_005010;geneID=Smp_005010
SM_V9_PAR2      Liftoff mRNA    16583237        16596994        .
        +       .
ID=Smp_005010.1;Parent=Smp_005010;geneID=Smp_005010;product=Chitobio
syldiphosphodolichol beta-mannosyltransferase
SM_V9_PAR2      Liftoff exon    16583237        16589152        .
        +       .       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff exon    16589189        16589397        .
        +       .       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff exon    16589441        16589638        .
        +       .       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff exon    16594792        16595051        .
        +       .       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff exon    16595922        16596094        .
        +       .       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff exon    16596625        16596994        .
        +       .       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff CDS     16588922        16589152        .
        +       0       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff CDS     16589189        16589397        .
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SM_V9_PAR2      Liftoff CDS     16589441        16589638        .
        +       1       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff CDS     16594792        16595051        .
        +       1       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff CDS     16595922        16596094        .
        +       2       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff CDS     16596625        16596969        .
        +       0       Parent=Smp_005010.1
SM_V9_PAR2      Liftoff gene    16597698        16605326        .
        -       .       ID=Smp_005020;geneID=Smp_005020
SM_V9_PAR2      Liftoff mRNA    16597698        16605326        .
        -       .
ID=Smp_005020.1;Parent=Smp_005020;geneID=Smp_005020;product=E3
ubiquitin-protein ligase CBL-
B;polypeptide_domain=InterPro:IPR000980,IPR001841,IPR003153,IPR01199
2,IPR013083,IPR014741,IPR014742,IPR017907,IPR024159
Pfam:PF02262,PF02761,PF02762,PF14447;Ontology_term=GO:0001784,GO:000
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4871,GO:0005509,GO:0005634,GO:0007166
SM_V9_PAR2      Liftoff exon    16597698        16605326        .
        -       .       Parent=Smp_005020.1
SM_V9_PAR2      Liftoff CDS     16598018        16600072        .
        -       0       Parent=Smp_005020.1
SM_V9_PAR2      Liftoff gene    16684920        16765526        .
        +       .
ID=Smp_244310;geneID=Smp_244310;previous_systematic_id=Smp_168630,Sm
p_168640
SM_V9_PAR2      Liftoff mRNA    16684920        16765526        .
        +       .
ID=Smp_244310.1;Parent=Smp_244310;geneID=Smp_244310;product=Otopetri
n-1;polypeptide_domain=InterPro:IPR004878 Pfam:PF03189
SM_V9_PAR2      Liftoff exon    16684920        16685472        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16732228        16732324        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16738836        16739058        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16743223        16743371        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16745635        16745982        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16750663        16751037        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16758465        16758671        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16762004        16762156        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff exon    16763678        16765526        .
        +       .       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16685402        16685472        .
        +       0       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16732228        16732324        .
        +       1       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16738836        16739058        .
        +       0       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16743223        16743371        .
        +       2       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16745635        16745982        .
        +       0       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16750663        16751037        .
        +       0       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16758465        16758671        .
        +       0       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16762004        16762156        .
        +       0       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff CDS     16763678        16765189        .
        +       0       Parent=Smp_244310.1
SM_V9_PAR2      Liftoff gene    16685931        16686104        .
        +       .       ID=Smp_204210;geneID=Smp_204210
SM_V9_PAR2      Liftoff mRNA    16685931        16686104        .
        +       .
ID=Smp_204210.1;Parent=Smp_204210;geneID=Smp_204210;product=Serine
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hydroxymethyltransferase
SM_V9_PAR2      Liftoff exon    16685931        16686104        .
        +       .       Parent=Smp_204210.1
SM_V9_PAR2      Liftoff CDS     16685931        16686104        .
        +       0       Parent=Smp_204210.1
SM_V9_PAR2      Liftoff gene    16812467        16834386        .
        -       .       ID=Smp_168620;geneID=Smp_168620
SM_V9_PAR2      Liftoff mRNA    16812467        16834386        .
        -       .
ID=Smp_168620.1;Parent=Smp_168620;geneID=Smp_168620;product=Ataxin-1
-like;polypeptide_domain=InterPro:IPR003652
Pfam:PF08517;Ontology_term=GO:0003723,GO:0005515
SM_V9_PAR2      Liftoff exon    16812467        16812893        .
        -       .       Parent=Smp_168620.1
SM_V9_PAR2      Liftoff exon    16816292        16816626        .
        -       .       Parent=Smp_168620.1
SM_V9_PAR2      Liftoff exon    16825766        16834386        .
        -       .       Parent=Smp_168620.1
SM_V9_PAR2      Liftoff CDS     16812638        16812893        .
        -       1       Parent=Smp_168620.1
SM_V9_PAR2      Liftoff CDS     16816292        16816626        .
        -       0       Parent=Smp_168620.1
SM_V9_PAR2      Liftoff CDS     16825766        16827346        .
        -       0       Parent=Smp_168620.1
SM_V9_PAR2      Liftoff gene    16874060        16906944        .
        +       .       ID=Smp_168610;geneID=Smp_168610
SM_V9_PAR2      Liftoff mRNA    16874060        16906944        .
        +       .
ID=Smp_168610.1;Parent=Smp_168610;geneID=Smp_168610;product=Suppress
ion of tumorigenicity 18
protein;polypeptide_domain=InterPro:IPR002515
Pfam:PF01530;Ontology_term=GO:0003700,GO:0005634,GO:0006355,GO:00082
70
SM_V9_PAR2      Liftoff exon    16874060        16874335        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff exon    16883361        16883929        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff exon    16885445        16885538        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff exon    16888023        16888063        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff exon    16895777        16895867        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff exon    16901133        16901200        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff exon    16902505        16903438        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff exon    16905278        16906944        .
        +       .       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16874253        16874335        .
        +       0       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16883361        16883929        .
        +       1       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16885445        16885538        .
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        +       2       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16888023        16888063        .
        +       1       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16895777        16895867        .
        +       2       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16901133        16901200        .
        +       1       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16902505        16903438        .
        +       2       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff CDS     16905278        16905677        .
        +       1       Parent=Smp_168610.1
SM_V9_PAR2      Liftoff gene    16945333        16978525        .
        +       .       ID=Smp_168600;geneID=Smp_168600
SM_V9_PAR2      Liftoff mRNA    16945333        16978525        .
        +       .
ID=Smp_168600.1;Parent=Smp_168600;geneID=Smp_168600;product=Aryl
hydrocarbon
receptor;polypeptide_domain=InterPro:IPR000014,IPR011598,IPR013655,I
PR013767
Pfam:PF00010,PF00989,PF08447;Ontology_term=GO:0005515,GO:0006355,GO:
0046983
SM_V9_PAR2      Liftoff exon    16945333        16945681        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16949787        16949992        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16960055        16960155        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16961536        16961625        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16964286        16964421        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16967980        16968053        .
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SM_V9_PAR2      Liftoff exon    16968775        16969067        .
        +       .       Parent=Smp_168600.1
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        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16970576        16970717        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16971956        16974235        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16975165        16975252        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff exon    16977779        16978525        .
        +       .       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16945617        16945681        .
        +       0       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16949787        16949992        .
        +       1       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16960055        16960155        .
        +       2       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16961536        16961625        .
        +       0       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16964286        16964421        .
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        +       0       Parent=Smp_168600.1
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        +       2       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16968775        16969067        .
        +       0       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16969866        16969972        .
        +       1       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16970576        16970717        .
        +       2       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16971956        16974235        .
        +       1       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16975165        16975252        .
        +       1       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff CDS     16977779        16977850        .
        +       0       Parent=Smp_168600.1
SM_V9_PAR2      Liftoff gene    17018344        17042802        .
        -       .
ID=Smp_244320;geneID=Smp_244320;previous_systematic_id=Smp_171470,Sm
p_171480
SM_V9_PAR2      Liftoff mRNA    17018344        17042802        .
        -       .
ID=Smp_244320.1;Parent=Smp_244320;geneID=Smp_244320;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    17018344        17019295        .
        -       .       Parent=Smp_244320.1
SM_V9_PAR2      Liftoff exon    17041907        17041909        .
        -       .       Parent=Smp_244320.1
SM_V9_PAR2      Liftoff exon    17041912        17042802        .
        -       .       Parent=Smp_244320.1
SM_V9_PAR2      Liftoff CDS     17018715        17019295        .
        -       2       Parent=Smp_244320.1
SM_V9_PAR2      Liftoff CDS     17041907        17041909        .
        -       2       Parent=Smp_244320.1
SM_V9_PAR2      Liftoff CDS     17041912        17042635        .
        -       0       Parent=Smp_244320.1
SM_V9_PAR2      iris    gene    17094668        17131480        .
        -       .
ID=Smp_090240;geneID=Smp_090240;gene_name=Smp_090240;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    17094668        17131480        .
        -       .
ID=Smp_090240.1;Parent=Smp_090240;geneID=Smp_090240;gene_name=Smp_09
0240;owner=irisadmin@local.host;orig_id=Smp_090240.1;date_last_modif
ied=2022-07-19;Name=Smp_090240.1;product=JNK-interacting
protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    17094668        17097104        .
        -       .
Parent=Smp_090240.1;Name=25134033-06eb-4982-952e-8ecced123751
SM_V9_PAR2      iris    exon    17103171        17103580        .
        -       .
Parent=Smp_090240.1;Name=8c73187c-5858-4065-8e50-f145e27dc270
SM_V9_PAR2      iris    exon    17104015        17104366        .
        -       .       Parent=Smp_090240.1;Name=2d74665e-
d397-4690-9c74-1c46dd9e0f09
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SM_V9_PAR2	iris	exon	17106540	17106596	.
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acbb-e55e917d0134
SM_V9_PAR2	iris	exon	17110642	17110699	.
	-	.	Parent=Smp_090240.1;Name=f3ecfe4e-e013-4d21-
a7de-008f2e4880f3
SM_V9_PAR2	iris	exon	17115789	17115818	.
	-	.	Parent=Smp_090240.1;Name=6244d158-22c5-489e-
b45d-b60f8e5e198e
SM_V9_PAR2	iris	exon	17116645	17116712	.
	-	.
Parent=Smp_090240.1;Name=08d81cd0-6b34-4776-84b9-8abae42e3a8e
SM_V9_PAR2	iris	exon	17117712	17117805	.
	-	.
Parent=Smp_090240.1;Name=45079815-3f2b-4f12-82cd-8570d9dcff07
SM_V9_PAR2	iris	exon	17119384	17119495	.
	-	.	Parent=Smp_090240.1;Name=13ddc1df-271f-4b20-
b029-5f699584ee20
SM_V9_PAR2	iris	exon	17121227	17121432	.
	-	.	Parent=Smp_090240.1;Name=9aa0a776-d803-4b2f-
adde-6d89e153e9c5
SM_V9_PAR2	iris	exon	17128374	17128494	.
	-	.
Parent=Smp_090240.1;Name=b0da1879-90e2-47c5-9170-67f6e48b55a4
SM_V9_PAR2	iris	exon	17128539	17128849	.
	-	.
Parent=Smp_090240.1;Name=ff7e0360-810c-4d00-9566-3a70aea169d7
SM_V9_PAR2	iris	exon	17131379	17131480	.
	-	.
Parent=Smp_090240.1;Name=ba4c0dcf-6e65-488e-960b-5565b89b0ee9
SM_V9_PAR2	iris	CDS	17096963	17097104	.
	-	1	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17103171	17103580	.
	-	0	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17104015	17104366	.
	-	1	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17106540	17106596	.
	-	1	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17110642	17110699	.
	-	2	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17115789	17115818	.
	-	2	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17116645	17116712	.
	-	1	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17117712	17117805	.
	-	2	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17119384	17119495	.
	-	0	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17121227	17121432	.
	-	2	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17128374	17128494	.
	-	0	Parent=Smp_090240.1
SM_V9_PAR2	iris	CDS	17128539	17128808	.
	-	0	Parent=Smp_090240.1
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SM_V9_PAR2      Liftoff gene    17142406        17143209        .
        +       .       ID=Smp_090230;geneID=Smp_090230
SM_V9_PAR2      Liftoff mRNA    17142406        17143209        .
        +       .
ID=Smp_090230.1;Parent=Smp_090230;geneID=Smp_090230;product=60S
ribosomal protein
L13a;polypeptide_domain=InterPro:IPR005755,IPR005822,IPR023563
Pfam:PF00572;Ontology_term=GO:0003735,GO:0005840,GO:0006412,GO:00159
34
SM_V9_PAR2      Liftoff exon    17142406        17142475        .
        +       .       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff exon    17142515        17142653        .
        +       .       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff exon    17142685        17142932        .
        +       .       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff exon    17142967        17143209        .
        +       .       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff CDS     17142458        17142475        .
        +       0       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff CDS     17142515        17142653        .
        +       0       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff CDS     17142685        17142932        .
        +       2       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff CDS     17142967        17143173        .
        +       0       Parent=Smp_090230.1
SM_V9_PAR2      Liftoff gene    17172216        17179890        .
        -       .
ID=Smp_341510;geneID=Smp_341510;previous_systematic_id=Smp_090220
SM_V9_PAR2      Liftoff mRNA    17172216        17179890        .
        -       .
ID=Smp_341510.1;Parent=Smp_341510;geneID=Smp_341510;product=Major
facilitator superfamily domain-containing protein 7-
a;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_PAR2      Liftoff exon    17172216        17172808        .
        -       .       Parent=Smp_341510.1
SM_V9_PAR2      Liftoff exon    17174133        17174441        .
        -       .       Parent=Smp_341510.1
SM_V9_PAR2      Liftoff exon    17177872        17179890        .
        -       .       Parent=Smp_341510.1
SM_V9_PAR2      Liftoff CDS     17172629        17172808        .
        -       0       Parent=Smp_341510.1
SM_V9_PAR2      Liftoff CDS     17174133        17174441        .
        -       0       Parent=Smp_341510.1
SM_V9_PAR2      Liftoff CDS     17177872        17178543        .
        -       0       Parent=Smp_341510.1
SM_V9_PAR2      Liftoff gene    17197744        17215498        .
        +       .       ID=Smp_171460;geneID=Smp_171460
SM_V9_PAR2      Liftoff mRNA    17197744        17215498        .
        +       .
ID=Smp_171460.1;Parent=Smp_171460;geneID=Smp_171460;product=Fascicli
n-2;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR003961,IPR007
110,IPR013151,IPR013783
Pfam:PF00041,PF00047,PF13927;Ontology_term=GO:0005515
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SM_V9_PAR2      Liftoff exon    17197744        17198080        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17200333        17200725        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17202418        17202652        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17203436        17203592        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17204404        17204593        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17206166        17206375        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17207879        17208104        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17208903        17209214        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17211863        17212111        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff exon    17214631        17215498        .
        +       .       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17197785        17198080        .
        +       0       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17200333        17200725        .
        +       1       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17202418        17202652        .
        +       1       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17203436        17203592        .
        +       0       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17204404        17204593        .
        +       2       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17206166        17206375        .
        +       1       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17207879        17208104        .
        +       1       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17208903        17209214        .
        +       0       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17211863        17212111        .
        +       0       Parent=Smp_171460.1
SM_V9_PAR2      Liftoff CDS     17214631        17214978        .
        +       0       Parent=Smp_171460.1
SM_V9_PAR2      iris    gene    17217775        17308188        .
        -       .
ID=Smp_306270;geneID=Smp_306270;gene_name=Smp_306270;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_PAR2      iris    mRNA    17217775        17308188        .
        -       .
ID=Smp_306270.1;Parent=Smp_306270;geneID=Smp_306270;gene_name=Smp_30
6270;owner=irisadmin@local.host;orig_id=Smp_306270.1;date_last_modif
ied=2022-08-14;Name=Smp_306270.1;product=E3 ubiquitin-protein ligase
mind-bomb;date_creation=2022-08-14
SM_V9_PAR2      iris    exon    17217775        17218213        .
        -       .       Parent=Smp_306270.1;Name=e4f892fc-8a66-49b8-
b81f-1e40aa052b46
SM_V9_PAR2      iris    exon    17219361        17219501        .
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Parent=Smp_306270.1;Name=644ab0d5-7681-4d29-8ade-877ce22c5e13
SM_V9_PAR2      iris    exon    17219697        17219770        .
        -       .       Parent=Smp_306270.1;Name=539119f1-4738-4b4a-
a882-7192d771424e
SM_V9_PAR2      iris    exon    17229475        17230213        .
        -       .       Parent=Smp_306270.1;Name=0408e6b0-
ee4a-4b7f-9142-20da9100cbf8
SM_V9_PAR2      iris    exon    17231847        17232890        .
        -       .
Parent=Smp_306270.1;Name=98cff483-2e4a-4e27-8e26-8fd037e82112
SM_V9_PAR2      iris    exon    17237065        17237437        .
        -       .       Parent=Smp_306270.1;Name=8a21750e-
b7bb-4361-8d8f-c96b0446fb3f
SM_V9_PAR2      iris    exon    17277563        17277714        .
        -       .       Parent=Smp_306270.1;Name=0b995d73-cddb-4012-
b971-785cb420a262
SM_V9_PAR2      iris    exon    17290862        17291296        .
        -       .       Parent=Smp_306270.1;Name=b8e9cd79-8ccf-4509-
b4f3-78c0fab24546
SM_V9_PAR2      iris    exon    17291759        17291868        .
        -       .       Parent=Smp_306270.1;Name=c187e85c-4b21-4b78-
a887-b106da153c82
SM_V9_PAR2      iris    exon    17292490        17292790        .
        -       .
Parent=Smp_306270.1;Name=75bae9bb-6db3-46f7-834f-6983d8d48a48
SM_V9_PAR2      iris    exon    17296444        17297283        .
        -       .
Parent=Smp_306270.1;Name=12c6375b-94a5-4921-9ee2-f048f502a04a
SM_V9_PAR2      iris    exon    17297712        17298075        .
        -       .       Parent=Smp_306270.1;Name=58eec679-5344-45be-
a516-bf91b675c9d4
SM_V9_PAR2      iris    exon    17303840        17303970        .
        -       .       Parent=Smp_306270.1;Name=aa70c179-689c-4c6b-
b60a-f17654df56c8
SM_V9_PAR2      iris    exon    17305374        17305559        .
        -       .
Parent=Smp_306270.1;Name=ac50cd7c-77dd-40ad-93b8-4a9cd59d8ea8
SM_V9_PAR2      iris    exon    17307957        17308188        .
        -       .       Parent=Smp_306270.1;Name=617213f1-bf13-4270-
a7d0-8acf08db4da7
SM_V9_PAR2      iris    CDS     17218073        17218213        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17219361        17219501        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17219697        17219770        .
        -       2       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17229475        17230213        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17231847        17232890        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17237065        17237437        .
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SM_V9_PAR2      iris    CDS     17277563        17277714        .
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        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17290862        17291296        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17291759        17291868        .
        -       2       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17292490        17292790        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17296444        17297283        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17297712        17298075        .
        -       1       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17303840        17303970        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17305374        17305559        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      iris    CDS     17307957        17308076        .
        -       0       Parent=Smp_306270.1
SM_V9_PAR2      Liftoff gene    17353304        17421181        .
        +       .
ID=Smp_244340;geneID=Smp_244340;previous_systematic_id=Smp_090160,Sm
p_171380,Smp_171390,Smp_171400,Smp_171420
SM_V9_PAR2      Liftoff mRNA    17353304        17421181        .
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ID=Smp_244340.1;Parent=Smp_244340;geneID=Smp_244340;product=Zinc
finger homeobox protein
4;polypeptide_domain=InterPro:IPR001356,IPR003604,IPR009057,IPR01308
7 Pfam:PF00046;Ontology_term=GO:0003676,GO:0003677,GO:0008270
SM_V9_PAR2      Liftoff exon    17353304        17364295        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17365655        17367148        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17371502        17371910        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17383527        17383630        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17385813        17385936        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17387021        17387108        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17391070        17391211        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17393060        17393115        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17410067        17412305        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff exon    17414260        17421181        .
        +       .       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17363984        17364295        .
        +       0       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17365655        17367148        .
        +       0       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17371502        17371910        .
        +       0       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17383527        17383630        .
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        +       0       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17387021        17387108        .
        +       2       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17391070        17391211        .
        +       1       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17393060        17393115        .
        +       0       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17410067        17412305        .
        +       1       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff CDS     17414260        17415498        .
        +       0       Parent=Smp_244340.1
SM_V9_PAR2      Liftoff mRNA    17404544        17421181        .
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ID=Smp_244340.2;Parent=Smp_244340;geneID=Smp_244340;product=Zinc
finger protein 2;polypeptide_domain=InterPro:IPR001356,IPR009057
Pfam:PF00046;Ontology_term=GO:0003677
SM_V9_PAR2      Liftoff exon    17404544        17412305        .
        +       .       Parent=Smp_244340.2
SM_V9_PAR2      Liftoff exon    17414260        17421181        .
        +       .       Parent=Smp_244340.2
SM_V9_PAR2      Liftoff CDS     17410080        17412305        .
        +       0       Parent=Smp_244340.2
SM_V9_PAR2      Liftoff CDS     17414260        17415498        .
        +       0       Parent=Smp_244340.2
SM_V9_PAR2      Liftoff gene    17421693        17423562        .
        -       .       ID=Smp_060160;geneID=Smp_060160
SM_V9_PAR2      Liftoff mRNA    17421693        17423562        .
        -       .
ID=Smp_060160.1;Parent=Smp_060160;geneID=Smp_060160;product=spef1-
like protein;evidence=Traceable Author
Statement;literature=PMID:15979255;polypeptide_domain=InterPro:IPR00
1715,IPR010441 Pfam:PF06294;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    17421693        17423562        .
        -       .       Parent=Smp_060160.1
SM_V9_PAR2      Liftoff CDS     17422207        17422992        .
        -       0       Parent=Smp_060160.1
SM_V9_PAR2      Liftoff gene    17437536        17444990        .
        +       .       ID=Smp_060170;geneID=Smp_060170
SM_V9_PAR2      Liftoff mRNA    17437536        17444990        .
        +       .
ID=Smp_060170.1;Parent=Smp_060170;geneID=Smp_060170;product=mRNA
export
factor;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IPR
019775,IPR020472 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    17437536        17437869        .
        +       .       Parent=Smp_060170.1
SM_V9_PAR2      Liftoff exon    17437912        17438084        .
        +       .       Parent=Smp_060170.1
SM_V9_PAR2      Liftoff exon    17440315        17440495        .
        +       .       Parent=Smp_060170.1
SM_V9_PAR2      Liftoff exon    17443379        17443558        .
        +       .       Parent=Smp_060170.1
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SM_V9_PAR2      Liftoff exon    17444548        17444990        .
        +       .       Parent=Smp_060170.1
SM_V9_PAR2      Liftoff CDS     17437588        17437869        .
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SM_V9_PAR2      Liftoff CDS     17437912        17438084        .
        +       0       Parent=Smp_060170.1
SM_V9_PAR2      Liftoff CDS     17440315        17440495        .
        +       1       Parent=Smp_060170.1
SM_V9_PAR2      Liftoff CDS     17443379        17443558        .
        +       0       Parent=Smp_060170.1
SM_V9_PAR2      Liftoff CDS     17444548        17444829        .
        +       0       Parent=Smp_060170.1
SM_V9_PAR2      iris    gene    17457046        17474258        .
        +       .
ID=Smp_060180;geneID=Smp_060180;gene_name=Smp_060180;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    17457046        17474258        .
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ID=Smp_060180.1;Parent=Smp_060180;geneID=Smp_060180;gene_name=Smp_06
0180;owner=irisadmin@local.host;orig_id=Smp_060180.1;date_last_modif
ied=2022-07-19;Name=Smp_060180.1;product=Nucleoporin
SEH1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    17457046        17457133        .
        +       .       Parent=Smp_060180.1;Name=0fd6688e-a052-46f1-
bf5d-34e8532a293c
SM_V9_PAR2      iris    exon    17460329        17460444        .
        +       .
Parent=Smp_060180.1;Name=4387a18c-87d7-4876-88d0-e8e98e633949
SM_V9_PAR2      iris    exon    17466708        17466875        .
        +       .
Parent=Smp_060180.1;Name=ed58981b-2a22-44d0-8927-d0e2b10fc75a
SM_V9_PAR2      iris    exon    17467266        17467490        .
        +       .       Parent=Smp_060180.1;Name=bd87fe2d-
c419-405f-978c-f7ee85347443
SM_V9_PAR2      iris    exon    17468692        17468772        .
        +       .
Parent=Smp_060180.1;Name=ea06c351-2779-41a7-8d98-8c69896e3e76
SM_V9_PAR2      iris    exon    17469572        17469920        .
        +       .       Parent=Smp_060180.1;Name=289fc602-d7fc-4b37-
a1be-096fdbf8cbf6
SM_V9_PAR2      iris    exon    17471094        17471228        .
        +       .       Parent=Smp_060180.1;Name=f50b3f84-7c2b-4188-
bd6b-fdecf9c430c7
SM_V9_PAR2      iris    exon    17471793        17472089        .
        +       .       Parent=Smp_060180.1;Name=799fcd41-
b0c7-4fbb-8a9b-3500bdfe17f5
SM_V9_PAR2      iris    exon    17473769        17474258        .
        +       .       Parent=Smp_060180.1;Name=2e865898-e1da-421a-
b6ab-0f69bab32441
SM_V9_PAR2      iris    CDS     17460334        17460444        .
        +       0       Parent=Smp_060180.1
SM_V9_PAR2      iris    CDS     17466708        17466875        .
        +       0       Parent=Smp_060180.1
SM_V9_PAR2      iris    CDS     17467266        17467490        .
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        +       0       Parent=Smp_060180.1
SM_V9_PAR2      iris    CDS     17468692        17468772        .
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SM_V9_PAR2      iris    CDS     17469572        17469920        .
        +       0       Parent=Smp_060180.1
SM_V9_PAR2      iris    CDS     17471094        17471228        .
        +       2       Parent=Smp_060180.1
SM_V9_PAR2      iris    CDS     17471793        17472089        .
        +       2       Parent=Smp_060180.1
SM_V9_PAR2      iris    CDS     17473769        17473854        .
        +       2       Parent=Smp_060180.1
SM_V9_PAR2      Liftoff gene    17477604        17483412        .
        -       .       ID=Smp_146040;geneID=Smp_146040
SM_V9_PAR2      Liftoff mRNA    17477604        17483412        .
        -       .
ID=Smp_146040.1;Parent=Smp_146040;geneID=Smp_146040;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    17477604        17478677        .
        -       .       Parent=Smp_146040.1
SM_V9_PAR2      Liftoff exon    17483129        17483412        .
        -       .       Parent=Smp_146040.1
SM_V9_PAR2      Liftoff CDS     17477817        17478677        .
        -       0       Parent=Smp_146040.1
SM_V9_PAR2      Liftoff CDS     17483129        17483185        .
        -       0       Parent=Smp_146040.1
SM_V9_PAR2      Liftoff gene    17526461        17527814        .
        -       .       ID=Smp_154500;geneID=Smp_154500
SM_V9_PAR2      Liftoff mRNA    17526461        17527814        .
        -       .
ID=Smp_154500.1;Parent=Smp_154500;geneID=Smp_154500;product=Glutamat
e-rich protein 2
SM_V9_PAR2      Liftoff exon    17526461        17527814        .
        -       .       Parent=Smp_154500.1
SM_V9_PAR2      Liftoff CDS     17527306        17527698        .
        -       0       Parent=Smp_154500.1
SM_V9_PAR2      Liftoff gene    17545951        17551812        .
        -       .       ID=Smp_060290;geneID=Smp_060290
SM_V9_PAR2      Liftoff mRNA    17545951        17551812        .
        -       .
ID=Smp_060290.1;Parent=Smp_060290;geneID=Smp_060290;product=Josephin
-2;polypeptide_domain=InterPro:IPR006155
Pfam:PF02099;Ontology_term=GO:0004843,GO:0016579
SM_V9_PAR2      Liftoff exon    17545951        17551812        .
        -       .       Parent=Smp_060290.1
SM_V9_PAR2      Liftoff CDS     17548254        17548835        .
        -       0       Parent=Smp_060290.1
SM_V9_PAR2      Liftoff gene    17555666        17615722        .
        -       .       ID=Smp_154490;geneID=Smp_154490
SM_V9_PAR2      Liftoff mRNA    17555666        17615722        .
        -       .
ID=Smp_154490.1;Parent=Smp_154490;geneID=Smp_154490;product=Ras-
associating and dilute domain-containing
protein;polypeptide_domain=InterPro:IPR000159,IPR001478,IPR029071
Pfam:PF00595,PF00788;Ontology_term=GO:0005515,GO:0007165
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SM_V9_PAR2      Liftoff exon    17558275        17558414        .
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SM_V9_PAR2      Liftoff exon    17559414        17560238        .
        -       .       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff exon    17562309        17562679        .
        -       .       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff exon    17565295        17565465        .
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SM_V9_PAR2      Liftoff exon    17566745        17566895        .
        -       .       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff exon    17576003        17576166        .
        -       .       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff exon    17581102        17581741        .
        -       .       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff exon    17598524        17598859        .
        -       .       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff exon    17613627        17615722        .
        -       .       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff CDS     17556527        17556629        .
        -       1       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff CDS     17558275        17558414        .
        -       0       Parent=Smp_154490.1
SM_V9_PAR2      Liftoff CDS     17559414        17560238        .
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SM_V9_PAR2      Liftoff CDS     17565295        17565465        .
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SM_V9_PAR2      Liftoff CDS     17566745        17566895        .
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SM_V9_PAR2      Liftoff CDS     17598524        17598859        .
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SM_V9_PAR2      Liftoff CDS     17613627        17615528        .
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SM_V9_PAR2      iris    gene    17630810        17632082        .
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@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    17630810        17632082        .
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ID=Smp_060270.1;Parent=Smp_060270;geneID=Smp_060270;gene_name=Smp_06
0270;owner=irisadmin@local.host;orig_id=Smp_060270.1;date_last_modif
ied=2022-08-19;Name=Smp_060270.1;product=Protein jagunal homolog
1;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    17630810        17631499        .
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d014-4347-8650-f4961abe6e73
SM_V9_PAR2      iris    exon    17631537        17631666        .
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bda7-6bf1883629f8
SM_V9_PAR2      iris    exon    17631703        17631893        .
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a09d-3e5d77c40843
SM_V9_PAR2      iris    exon    17632050        17632082        .
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SM_V9_PAR2      iris    CDS     17631146        17631499        .
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SM_V9_PAR2      iris    CDS     17631537        17631666        .
        -       1       Parent=Smp_060270.1
SM_V9_PAR2      iris    CDS     17631703        17631791        .
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SM_V9_PAR2      Liftoff gene    17642909        17657462        .
        -       .
ID=Smp_344640;geneID=Smp_344640;previous_systematic_id=Smp_154480
SM_V9_PAR2      Liftoff mRNA    17642909        17657462        .
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ID=Smp_344640.1;Parent=Smp_344640;geneID=Smp_344640;product=Isoprene
synthase, chloroplastic;polypeptide_domain=InterPro:IPR013783
SM_V9_PAR2      Liftoff exon    17642909        17643091        .
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SM_V9_PAR2      Liftoff exon    17643956        17644012        .
        -       .       Parent=Smp_344640.1
SM_V9_PAR2      Liftoff exon    17647645        17647965        .
        -       .       Parent=Smp_344640.1
SM_V9_PAR2      Liftoff exon    17651865        17651954        .
        -       .       Parent=Smp_344640.1
SM_V9_PAR2      Liftoff exon    17654261        17654530        .
        -       .       Parent=Smp_344640.1
SM_V9_PAR2      Liftoff exon    17655247        17657462        .
        -       .       Parent=Smp_344640.1
SM_V9_PAR2      Liftoff CDS     17643057        17643091        .
        -       2       Parent=Smp_344640.1
SM_V9_PAR2      Liftoff CDS     17643956        17644012        .
        -       2       Parent=Smp_344640.1
SM_V9_PAR2      Liftoff CDS     17647645        17647965        .
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SM_V9_PAR2      Liftoff CDS     17651865        17651954        .
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SM_V9_PAR2      Liftoff CDS     17654261        17654530        .
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SM_V9_PAR2      Liftoff CDS     17655247        17655409        .
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SM_V9_PAR2      Liftoff gene    17659202        17670779        .
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ID=Smp_340950;geneID=Smp_340950;previous_systematic_id=Smp_060260
SM_V9_PAR2      Liftoff mRNA    17659202        17670779        .
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ID=Smp_340950.1;Parent=Smp_340950;geneID=Smp_340950;product=NAD
kinase 2;polypeptide_domain=InterPro:IPR013783
SM_V9_PAR2      Liftoff exon    17659202        17659282        .
        +       .       Parent=Smp_340950.1
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SM_V9_PAR2	Liftoff	exon	17661720	17661974	.
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SM_V9_PAR2	Liftoff	exon	17663308	17663595	.
	+	.	Parent=Smp_340950.1
SM_V9_PAR2	Liftoff	exon	17664497	17664532	.
	+	.	Parent=Smp_340950.1
SM_V9_PAR2	Liftoff	exon	17665383	17665691	.
	+	.	Parent=Smp_340950.1
SM_V9_PAR2	Liftoff	exon	17667084	17667134	.
	+	.	Parent=Smp_340950.1
SM_V9_PAR2	Liftoff	exon	17670282	17670779	.
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SM_V9_PAR2	Liftoff	CDS	17659225	17659282	.
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SM_V9_PAR2	Liftoff	CDS	17661720	17661974	.
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SM_V9_PAR2	Liftoff	CDS	17663308	17663595	.
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SM_V9_PAR2	Liftoff	CDS	17664497	17664532	.
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SM_V9_PAR2	Liftoff	CDS	17665383	17665691	.
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SM_V9_PAR2	Liftoff	CDS	17667084	17667134	.
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SM_V9_PAR2	Liftoff	CDS	17670282	17670424	.
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SM_V9_PAR2	Liftoff	gene	17681028	17686108	.
	-	.	ID=Smp_323810;geneID=Smp_323810
SM_V9_PAR2	Liftoff	mRNA	17681028	17686108	.
	-	.
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-tRNA(Gln) amidotransferase subunit A, mitochondrial
SM_V9_PAR2	Liftoff	exon	17681028	17681398	.
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SM_V9_PAR2	Liftoff	exon	17683207	17683267	.
	-	.	Parent=Smp_323810.1
SM_V9_PAR2	Liftoff	exon	17685639	17686108	.
	-	.	Parent=Smp_323810.1
SM_V9_PAR2	Liftoff	CDS	17681275	17681398	.
	-	1	Parent=Smp_323810.1
SM_V9_PAR2	Liftoff	CDS	17683207	17683267	.
	-	2	Parent=Smp_323810.1
SM_V9_PAR2	Liftoff	CDS	17685639	17685648	.
	-	0	Parent=Smp_323810.1
SM_V9_PAR2	Liftoff	gene	17681072	17686070	.
	+	.	ID=Smp_323800;geneID=Smp_323800
SM_V9_PAR2	Liftoff	mRNA	17681072	17686070	.
	+	.
ID=Smp_323800.1;Parent=Smp_323800;geneID=Smp_323800;product=Lipopoly
saccharide-induced tumor necrosis factor-alpha factor
homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
SM_V9_PAR2	Liftoff	exon	17681072	17681282	.
	+	.	Parent=Smp_323800.1
SM_V9_PAR2	Liftoff	exon	17683052	17683235	.
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        +       .       Parent=Smp_323800.1
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SM_V9_PAR2      Liftoff CDS     17681264        17681282        .
        +       0       Parent=Smp_323800.1
SM_V9_PAR2      Liftoff CDS     17683052        17683235        .
        +       2       Parent=Smp_323800.1
SM_V9_PAR2      Liftoff CDS     17685740        17685854        .
        +       1       Parent=Smp_323800.1
SM_V9_PAR2      Liftoff gene    17698892        17712808        .
        +       .       ID=Smp_323820;geneID=Smp_323820
SM_V9_PAR2      Liftoff mRNA    17698892        17712808        .
        +       .
ID=Smp_323820.1;Parent=Smp_323820;geneID=Smp_323820;product=Lipopoly
saccharide-induced tumor necrosis factor-alpha factor
homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
SM_V9_PAR2      Liftoff exon    17698892        17698997        .
        +       .       Parent=Smp_323820.1
SM_V9_PAR2      Liftoff exon    17700767        17700950        .
        +       .       Parent=Smp_323820.1
SM_V9_PAR2      Liftoff exon    17712478        17712808        .
        +       .       Parent=Smp_323820.1
SM_V9_PAR2      Liftoff CDS     17698979        17698997        .
        +       0       Parent=Smp_323820.1
SM_V9_PAR2      Liftoff CDS     17700767        17700950        .
        +       2       Parent=Smp_323820.1
SM_V9_PAR2      Liftoff CDS     17712478        17712592        .
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SM_V9_PAR2      iris    gene    17728752        17733362        .
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ID=Smp_060190;geneID=Smp_060190;gene_name=Smp_060190;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    17728752        17733362        .
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ID=Smp_060190.1;Parent=Smp_060190;geneID=Smp_060190;gene_name=Smp_06
0190;owner=irisadmin@local.host;orig_id=Smp_060190.2;date_last_modif
ied=2022-07-19;Name=Smp_060190.1;product=Protein canopy
4;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    17728752        17728794        .
        +       .       Parent=Smp_060190.1;Name=cfc5ba27-b403-4806-
a1a4-608024fa4449
SM_V9_PAR2      iris    exon    17729818        17730014        .
        +       .       Parent=Smp_060190.1;Name=7268a080-
b666-45f0-9f16-6c4e05ee9f5c
SM_V9_PAR2      iris    exon    17730052        17730158        .
        +       .       Parent=Smp_060190.1;Name=ec312f3a-
cfa9-4b9c-9010-cfa4bde8edd7
SM_V9_PAR2      iris    exon    17730196        17730336        .
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ab74-48a9-837c-0af751610236
SM_V9_PAR2      iris    exon    17730372        17730456        .
        +       .       Parent=Smp_060190.1;Name=3a696188-14a4-4953-
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SM_V9_PAR2      iris    exon    17730489        17730606        .
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b5e3-4216-83c9-12023ce1156b
SM_V9_PAR2      iris    exon    17731971        17732015        .
        +       .       Parent=Smp_060190.1;Name=22db8b83-
f9e1-4a0d-8440-715f02fa58bd
SM_V9_PAR2      iris    exon    17733178        17733362        .
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Parent=Smp_060190.1;Name=d988f09a-49ad-4c22-8fac-0238e6b0c82d
SM_V9_PAR2      iris    CDS     17729988        17730014        .
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SM_V9_PAR2      iris    CDS     17730052        17730158        .
        +       0       Parent=Smp_060190.1
SM_V9_PAR2      iris    CDS     17730196        17730336        .
        +       1       Parent=Smp_060190.1
SM_V9_PAR2      iris    CDS     17730372        17730456        .
        +       1       Parent=Smp_060190.1
SM_V9_PAR2      iris    CDS     17730489        17730606        .
        +       0       Parent=Smp_060190.1
SM_V9_PAR2      iris    CDS     17731971        17732015        .
        +       2       Parent=Smp_060190.1
SM_V9_PAR2      iris    CDS     17733178        17733203        .
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        -       .       ID=Smp_154470;geneID=Smp_154470
SM_V9_PAR2      Liftoff mRNA    17737214        17764378        .
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ID=Smp_154470.1;Parent=Smp_154470;geneID=Smp_154470;product=Phosphat
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protein phosphatase
PTEN;polypeptide_domain=InterPro:IPR000008,IPR014020,IPR029021,IPR02
9023 Pfam:PF10409
SM_V9_PAR2      Liftoff exon    17737214        17738480        .
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SM_V9_PAR2      Liftoff exon    17741102        17741263        .
        -       .       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff exon    17743118        17743195        .
        -       .       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff exon    17751665        17751846        .
        -       .       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff exon    17757562        17757799        .
        -       .       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff exon    17759223        17759397        .
        -       .       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff exon    17761464        17764378        .
        -       .       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff CDS     17737731        17738480        .
        -       0       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff CDS     17741102        17741263        .
        -       0       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff CDS     17743118        17743195        .
        -       0       Parent=Smp_154470.1
SM_V9_PAR2      Liftoff CDS     17751665        17751846        .
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SM_V9_PAR2      Liftoff CDS     17757562        17757799        .
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SM_V9_PAR2      Liftoff CDS     17761464        17761672        .
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SM_V9_PAR2      Liftoff mRNA    17756669        17764378        .
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protein phosphatase
PTEN;polypeptide_domain=InterPro:IPR029021,IPR029023
SM_V9_PAR2      Liftoff exon    17756669        17757799        .
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SM_V9_PAR2      Liftoff exon    17759223        17759397        .
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SM_V9_PAR2      Liftoff exon    17761464        17764378        .
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SM_V9_PAR2      Liftoff CDS     17757371        17757799        .
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SM_V9_PAR2      Liftoff CDS     17759223        17759397        .
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SM_V9_PAR2      Liftoff CDS     17761464        17761672        .
        -       0       Parent=Smp_154470.2
SM_V9_PAR2      Liftoff gene    17776362        17780334        .
        +       .       ID=Smp_060210;geneID=Smp_060210
SM_V9_PAR2      Liftoff mRNA    17776362        17780334        .
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ID=Smp_060210.1;Parent=Smp_060210;geneID=Smp_060210;product=Lipopoly
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homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
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SM_V9_PAR2      Liftoff exon    17778433        17778616        .
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SM_V9_PAR2      Liftoff CDS     17778433        17778616        .
        +       2       Parent=Smp_060210.1
SM_V9_PAR2      Liftoff CDS     17780052        17780166        .
        +       1       Parent=Smp_060210.1
SM_V9_PAR2      Liftoff gene    17786021        17792978        .
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SM_V9_PAR2      Liftoff mRNA    17786021        17792978        .
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ID=Smp_060220.1;Parent=Smp_060220;geneID=Smp_060220;product=Lipopoly
saccharide-induced tumor necrosis factor-alpha factor
homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
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        -       .       Parent=Smp_060220.1
SM_V9_PAR2      Liftoff exon    17788190        17788379        .
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SM_V9_PAR2      Liftoff exon    17792776        17792978        .
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SM_V9_PAR2      Liftoff CDS     17788190        17788379        .
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SM_V9_PAR2      Liftoff CDS     17792776        17792797        .
        -       0       Parent=Smp_060220.1
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        -       .       ID=Smp_060240;geneID=Smp_060240
SM_V9_PAR2      Liftoff mRNA    17822384        17832788        .
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ID=Smp_060240.1;Parent=Smp_060240;geneID=Smp_060240;product=Lipopoly
saccharide-induced tumor necrosis factor-alpha factor
homolog;polypeptide_domain=InterPro:IPR006629,IPR013083 Pfam:PF10601
SM_V9_PAR2      Liftoff exon    17822384        17823019        .
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SM_V9_PAR2      Liftoff exon    17824673        17824820        .
        -       .       Parent=Smp_060240.1
SM_V9_PAR2      Liftoff exon    17826835        17826981        .
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SM_V9_PAR2      Liftoff exon    17828467        17828695        .
        -       .       Parent=Smp_060240.1
SM_V9_PAR2      Liftoff exon    17830989        17832788        .
        -       .       Parent=Smp_060240.1
SM_V9_PAR2      Liftoff CDS     17822914        17823019        .
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SM_V9_PAR2      Liftoff CDS     17824673        17824820        .
        -       2       Parent=Smp_060240.1
SM_V9_PAR2      Liftoff CDS     17826835        17826981        .
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SM_V9_PAR2      Liftoff CDS     17828467        17828695        .
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SM_V9_PAR2      Liftoff CDS     17830989        17830991        .
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saccharide-induced tumor necrosis factor-alpha factor
homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
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SM_V9_PAR2      Liftoff exon    17885366        17885525        .
        -       .       Parent=Smp_203810.1
SM_V9_PAR2      Liftoff exon    17891630        17891761        .
        -       .       Parent=Smp_203810.1
SM_V9_PAR2      Liftoff exon    17898080        17898138        .
        -       .       Parent=Smp_203810.1
SM_V9_PAR2      Liftoff CDS     17872387        17872495        .
        -       1       Parent=Smp_203810.1
SM_V9_PAR2      Liftoff CDS     17885366        17885525        .
        -       2       Parent=Smp_203810.1
SM_V9_PAR2      Liftoff CDS     17891630        17891761        .
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        -       2       Parent=Smp_203810.1
SM_V9_PAR2      Liftoff CDS     17898080        17898089        .
        -       0       Parent=Smp_203810.1
SM_V9_PAR2      Liftoff gene    17933162        17953146        .
        +       .       ID=Smp_323830;geneID=Smp_323830
SM_V9_PAR2      Liftoff mRNA    17933162        17953146        .
        +       .
ID=Smp_323830.1;Parent=Smp_323830;geneID=Smp_323830;product=YTH
domain-containing protein 1;polypeptide_domain=InterPro:IPR007275
Pfam:PF04146;Ontology_term=GO:0003723
SM_V9_PAR2      Liftoff exon    17933162        17933361        .
        +       .       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff exon    17933403        17934210        .
        +       .       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff exon    17934245        17934329        .
        +       .       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff exon    17934364        17935283        .
        +       .       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff exon    17935833        17935870        .
        +       .       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff exon    17944775        17944845        .
        +       .       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff exon    17944892        17944954        .
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SM_V9_PAR2      Liftoff exon    17948777        17948842        .
        +       .       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff exon    17948964        17953146        .
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SM_V9_PAR2      Liftoff CDS     17933310        17933361        .
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SM_V9_PAR2      Liftoff CDS     17933403        17934210        .
        +       2       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff CDS     17934245        17934329        .
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SM_V9_PAR2      Liftoff CDS     17934364        17935283        .
        +       0       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff CDS     17935833        17935870        .
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SM_V9_PAR2      Liftoff CDS     17944775        17944845        .
        +       2       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff CDS     17944892        17944954        .
        +       0       Parent=Smp_323830.1
SM_V9_PAR2      Liftoff CDS     17948777        17948842        .
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SM_V9_PAR2      Liftoff CDS     17948964        17949470        .
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SM_V9_PAR2      Liftoff mRNA    17933162        17953146        .
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ID=Smp_323830.2;Parent=Smp_323830;geneID=Smp_323830;product=YTH
domain-containing protein 1;polypeptide_domain=InterPro:IPR007275
Pfam:PF04146;Ontology_term=GO:0003723
SM_V9_PAR2      Liftoff exon    17933162        17933361        .
        +       .       Parent=Smp_323830.2
SM_V9_PAR2      Liftoff exon    17933403        17934210        .
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SM_V9_PAR2      Liftoff exon    17934245        17934329        .
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SM_V9_PAR2      Liftoff exon    17934364        17953146        .
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SM_V9_PAR2      Liftoff CDS     17933310        17933361        .
        +       0       Parent=Smp_323830.2
SM_V9_PAR2      Liftoff CDS     17933403        17934210        .
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SM_V9_PAR2      Liftoff CDS     17934245        17934329        .
        +       1       Parent=Smp_323830.2
SM_V9_PAR2      Liftoff CDS     17934364        17935401        .
        +       0       Parent=Smp_323830.2
SM_V9_PAR2      Liftoff gene    18021366        18063035        .
        -       .
ID=Smp_346280;geneID=Smp_346280;previous_systematic_id=Smp_174650
SM_V9_PAR2      Liftoff mRNA    18021366        18063035        .
        -       .
ID=Smp_346280.1;Parent=Smp_346280;geneID=Smp_346280;product=Metallop
rotease TIKI1;polypeptide_domain=InterPro:IPR002816 Pfam:PF01963
SM_V9_PAR2      Liftoff exon    18021366        18022209        .
        -       .       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff exon    18030714        18030873        .
        -       .       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff exon    18033152        18033863        .
        -       .       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff exon    18039057        18039614        .
        -       .       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff exon    18059492        18063035        .
        -       .       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff CDS     18021927        18022209        .
        -       1       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff CDS     18030714        18030873        .
        -       2       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff CDS     18033152        18033863        .
        -       0       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff CDS     18039057        18039614        .
        -       0       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff CDS     18059492        18059818        .
        -       0       Parent=Smp_346280.1
SM_V9_PAR2      Liftoff mRNA    18021366        18063035        .
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ID=Smp_346280.2;Parent=Smp_346280;geneID=Smp_346280;product=Metallop
rotease TIKI1;polypeptide_domain=InterPro:IPR002816 Pfam:PF01963
SM_V9_PAR2      Liftoff exon    18021366        18022209        .
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SM_V9_PAR2      Liftoff exon    18028440        18028559        .
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SM_V9_PAR2      Liftoff exon    18030714        18030873        .
        -       .       Parent=Smp_346280.2
SM_V9_PAR2      Liftoff exon    18033152        18033863        .
        -       .       Parent=Smp_346280.2
SM_V9_PAR2      Liftoff exon    18039057        18039614        .
        -       .       Parent=Smp_346280.2
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SM_V9_PAR2	Liftoff	exon	18059492	18063035	.
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SM_V9_PAR2	Liftoff	CDS	18021927	18022209	.
	-	1	Parent=Smp_346280.2
SM_V9_PAR2	Liftoff	CDS	18028440	18028559	.
	-	1	Parent=Smp_346280.2
SM_V9_PAR2	Liftoff	CDS	18030714	18030873	.
	-	2	Parent=Smp_346280.2
SM_V9_PAR2	Liftoff	CDS	18033152	18033863	.
	-	0	Parent=Smp_346280.2
SM_V9_PAR2	Liftoff	CDS	18039057	18039614	.
	-	0	Parent=Smp_346280.2
SM_V9_PAR2	Liftoff	CDS	18059492	18059818	.
	-	0	Parent=Smp_346280.2
SM_V9_PAR2	iris	gene	18148602	18177111	.
	-	.
ID=Smp_204230;geneID=Smp_204230;gene_name=Smp_204230;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2	iris	mRNA	18148602	18177111	.
	-	.
ID=Smp_204230.1;Parent=Smp_204230;geneID=Smp_204230;gene_name=Smp_20
4230;owner=irisadmin@local.host;orig_id=Smp_204230.1;date_last_modif
ied=2022-08-19;Name=Smp_204230.1;product=Probable G-protein coupled
receptor AH9.1;date_creation=2022-08-19
SM_V9_PAR2	iris	exon	18148602	18150837	.
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SM_V9_PAR2	iris	exon	18177048	18177111	.
	-	.	Parent=Smp_204230.1;Name=42c39455-e24c-46ec-
bd57-5edecd3ab28e
SM_V9_PAR2	iris	CDS	18149380	18150699	.
	-	0	Parent=Smp_204230.1
SM_V9_PAR2	Liftoff	gene	18234180	18234975	.
	-	.	ID=Smp_306320;geneID=Smp_306320
SM_V9_PAR2	Liftoff	mRNA	18234180	18234975	.
	-	.
ID=Smp_306320.1;Parent=Smp_306320;geneID=Smp_306320;product=DNA
primase small subunit
SM_V9_PAR2	Liftoff	exon	18234180	18234975	.
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SM_V9_PAR2	Liftoff	CDS	18234815	18234919	.
	-	0	Parent=Smp_306320.1
SM_V9_PAR2	Liftoff	gene	18236709	18239175	.
	-	.	ID=Smp_174660;geneID=Smp_174660
SM_V9_PAR2	Liftoff	mRNA	18236709	18239175	.
	-	.
ID=Smp_174660.1;Parent=Smp_174660;geneID=Smp_174660;product=Transket
olase
SM_V9_PAR2	Liftoff	exon	18236709	18239175	.
	-	.	Parent=Smp_174660.1
SM_V9_PAR2	Liftoff	CDS	18236934	18237938	.
	-	0	Parent=Smp_174660.1
SM_V9_PAR2	iris	gene	18253721	18258937	.
	+	.
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ID=Smp_314290;geneID=Smp_314290;gene_name=Smp_314290;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    18253721        18258937        .
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ID=Smp_314290.1;Parent=Smp_314290;geneID=Smp_314290;gene_name=Smp_31
4290;owner=irisadmin@local.host;orig_id=Smp_314290.1;date_last_modif
ied=2022-11-12;Name=Smp_314290.1;product=Protein translocase subunit
SecA 2;date_creation=2022-11-12
SM_V9_PAR2      iris    exon    18253721        18253737        .
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Parent=Smp_314290.1;Name=92ba58a9-8fb4-4cec-8ac1-de78ad4a1b4f
SM_V9_PAR2      iris    exon    18254188        18254353        .
        +       .       Parent=Smp_314290.1;Name=dd071cf5-a42b-4bbc-
a972-61b1aac77126
SM_V9_PAR2      iris    exon    18254387        18254590        .
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Parent=Smp_314290.1;Name=f486cd2b-4df4-455a-8153-a82a764ed9a2
SM_V9_PAR2      iris    exon    18255881        18255909        .
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Parent=Smp_314290.1;Name=10bc7a67-4fe2-4e36-92df-695d5b5a11c4
SM_V9_PAR2      iris    exon    18258629        18258689        .
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Parent=Smp_314290.1;Name=e5e1c45e-4d92-429b-8c07-870160d7296b
SM_V9_PAR2      iris    exon    18258852        18258937        .
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a2eb-fdca7f907809
SM_V9_PAR2      iris    CDS     18254278        18254353        .
        +       0       Parent=Smp_314290.1
SM_V9_PAR2      iris    CDS     18254387        18254590        .
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SM_V9_PAR2      iris    CDS     18255881        18255909        .
        +       2       Parent=Smp_314290.1
SM_V9_PAR2      iris    CDS     18258629        18258689        .
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SM_V9_PAR2      iris    CDS     18258852        18258934        .
        +       2       Parent=Smp_314290.1
SM_V9_PAR2      Liftoff gene    18334454        18364948        .
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ID=Smp_244280;geneID=Smp_244280;previous_systematic_id=Smp_176530
SM_V9_PAR2      Liftoff mRNA    18334454        18364948        .
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ID=Smp_244280.1;Parent=Smp_244280;geneID=Smp_244280;product=Transpor
t and Golgi organization protein 6
homolog;polypeptide_domain=InterPro:IPR011989,IPR016024,IPR019451
Pfam:PF10363;Ontology_term=GO:0005488
SM_V9_PAR2      Liftoff exon    18334454        18339999        .
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SM_V9_PAR2      Liftoff exon    18341326        18341613        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18344086        18344433        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18345612        18345861        .
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SM_V9_PAR2      Liftoff exon    18346927        18347006        .
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SM_V9_PAR2      Liftoff exon    18350306        18350840        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18353708        18353887        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18356334        18356456        .
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SM_V9_PAR2      Liftoff exon    18357407        18357627        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18359344        18359602        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18361533        18361785        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18362117        18362268        .
        +       .       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff exon    18364470        18364948        .
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SM_V9_PAR2      Liftoff CDS     18339562        18339999        .
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SM_V9_PAR2      Liftoff CDS     18341326        18341613        .
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SM_V9_PAR2      Liftoff CDS     18344086        18344433        .
        +       0       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff CDS     18345612        18345861        .
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SM_V9_PAR2      Liftoff CDS     18346927        18347006        .
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SM_V9_PAR2      Liftoff CDS     18348875        18349011        .
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SM_V9_PAR2      Liftoff CDS     18350306        18350840        .
        +       1       Parent=Smp_244280.1
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SM_V9_PAR2      Liftoff CDS     18356334        18356456        .
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SM_V9_PAR2      Liftoff CDS     18357407        18357627        .
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SM_V9_PAR2      Liftoff CDS     18359344        18359602        .
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SM_V9_PAR2      Liftoff CDS     18361533        18361785        .
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SM_V9_PAR2      Liftoff CDS     18362117        18362268        .
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SM_V9_PAR2      Liftoff CDS     18364470        18364784        .
        +       0       Parent=Smp_244280.1
SM_V9_PAR2      Liftoff gene    18370443        18378418        .
        +       .       ID=Smp_099030;geneID=Smp_099030
SM_V9_PAR2      Liftoff mRNA    18370443        18378418        .
        +       .
ID=Smp_099030.1;Parent=Smp_099030;geneID=Smp_099030;product=Casein
kinase II subunit
alpha;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0
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17441 Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR2      Liftoff exon    18370443        18376674        .
        +       .       Parent=Smp_099030.1
SM_V9_PAR2      Liftoff exon    18376718        18376829        .
        +       .       Parent=Smp_099030.1
SM_V9_PAR2      Liftoff exon    18376864        18376965        .
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SM_V9_PAR2      Liftoff exon    18377004        18377198        .
        +       .       Parent=Smp_099030.1
SM_V9_PAR2      Liftoff exon    18377230        18377340        .
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SM_V9_PAR2      Liftoff exon    18377382        18377733        .
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SM_V9_PAR2      Liftoff exon    18377782        18377856        .
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SM_V9_PAR2      Liftoff exon    18377891        18378418        .
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SM_V9_PAR2      Liftoff CDS     18376580        18376674        .
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SM_V9_PAR2      Liftoff CDS     18376718        18376829        .
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SM_V9_PAR2      Liftoff CDS     18376864        18376965        .
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SM_V9_PAR2      Liftoff CDS     18377004        18377198        .
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SM_V9_PAR2      Liftoff CDS     18377230        18377340        .
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SM_V9_PAR2      Liftoff CDS     18377382        18377733        .
        +       0       Parent=Smp_099030.1
SM_V9_PAR2      Liftoff CDS     18377782        18377856        .
        +       2       Parent=Smp_099030.1
SM_V9_PAR2      Liftoff CDS     18377891        18377922        .
        +       2       Parent=Smp_099030.1
SM_V9_PAR2      Liftoff mRNA    18370449        18378418        .
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ID=Smp_099030.2;Parent=Smp_099030;geneID=Smp_099030;product=Casein
kinase II subunit
alpha;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0
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SM_V9_PAR2      Liftoff exon    18370449        18376674        .
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SM_V9_PAR2      Liftoff exon    18376718        18376829        .
        +       .       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff exon    18376864        18376965        .
        +       .       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff exon    18377004        18377198        .
        +       .       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff exon    18377230        18377340        .
        +       .       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff exon    18377382        18377733        .
        +       .       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff exon    18377782        18377856        .
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SM_V9_PAR2      Liftoff exon    18377891        18378418        .
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SM_V9_PAR2      Liftoff CDS     18376718        18376829        .
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SM_V9_PAR2      Liftoff CDS     18376864        18376965        .
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SM_V9_PAR2      Liftoff CDS     18377004        18377198        .
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SM_V9_PAR2      Liftoff CDS     18377230        18377340        .
        +       0       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff CDS     18377382        18377733        .
        +       0       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff CDS     18377782        18377856        .
        +       2       Parent=Smp_099030.2
SM_V9_PAR2      Liftoff CDS     18377891        18377922        .
        +       2       Parent=Smp_099030.2
SM_V9_PAR2      iris    gene    18502150        18557382        .
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ID=Smp_176540;geneID=Smp_176540;gene_name=Smp_176540;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    18502150        18557382        .
        +       .
ID=Smp_176540.1;Parent=Smp_176540;geneID=Smp_176540;gene_name=Smp_17
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ied=2022-08-19;Name=Smp_176540.1;product=Protocadherin-18;date_creat
ion=2022-08-19
SM_V9_PAR2      iris    exon    18502150        18504746        .
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Parent=Smp_176540.1;Name=ed0170f6-47bd-4c1a-9f79-53488f105c2b
SM_V9_PAR2      iris    exon    18544816        18545082        .
        +       .       Parent=Smp_176540.1;Name=3005bab6-
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SM_V9_PAR2      iris    exon    18545820        18547160        .
        +       .       Parent=Smp_176540.1;Name=181aebda-11d1-4409-
ad67-710812657642
SM_V9_PAR2      iris    exon    18552183        18552342        .
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Parent=Smp_176540.1;Name=27180f4c-076a-4b70-805d-632169122690
SM_V9_PAR2      iris    exon    18555268        18557382        .
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Parent=Smp_176540.1;Name=f0f52f33-632d-4c07-9eab-332209c7a206
SM_V9_PAR2      iris    CDS     18502974        18504746        .
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SM_V9_PAR2      iris    CDS     18544816        18545082        .
        +       0       Parent=Smp_176540.1
SM_V9_PAR2      iris    CDS     18545820        18547160        .
        +       0       Parent=Smp_176540.1
SM_V9_PAR2      iris    CDS     18552183        18552342        .
        +       0       Parent=Smp_176540.1
SM_V9_PAR2      iris    CDS     18555268        18556070        .
        +       2       Parent=Smp_176540.1
SM_V9_PAR2      Liftoff gene    18605122        18616971        .
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ID=Smp_346450;geneID=Smp_346450;previous_systematic_id=Smp_176550
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ID=Smp_346450.1;Parent=Smp_346450;geneID=Smp_346450;product=Putative
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Pfam:PF03099;Ontology_term=GO:0005737,GO:0006464,GO:0009107,GO:00164
15,GO:0033819
SM_V9_PAR2      Liftoff exon    18605122        18605638        .
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SM_V9_PAR2      Liftoff exon    18611081        18611310        .
        -       .       Parent=Smp_346450.1
SM_V9_PAR2      Liftoff exon    18614388        18614897        .
        -       .       Parent=Smp_346450.1
SM_V9_PAR2      Liftoff CDS     18605577        18605638        .
        -       2       Parent=Smp_346450.1
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        -       1       Parent=Smp_346450.1
SM_V9_PAR2      Liftoff CDS     18614388        18614623        .
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mitochondrial;polypeptide_domain=InterPro:IPR000544,IPR004143,IPR020
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15,GO:0033819
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SM_V9_PAR2      Liftoff exon    18611081        18611310        .
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SM_V9_PAR2      Liftoff exon    18614388        18616971        .
        -       .       Parent=Smp_346450.2
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SM_V9_PAR2      Liftoff CDS     18611081        18611310        .
        -       1       Parent=Smp_346450.2
SM_V9_PAR2      Liftoff CDS     18614388        18614623        .
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SM_V9_PAR2      Liftoff gene    18651710        18658339        .
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ID=Smp_306350;geneID=Smp_306350;previous_systematic_id=Smp_109500,Sm
p_209060
SM_V9_PAR2      Liftoff mRNA    18651710        18658339        .
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ID=Smp_306350.1;Parent=Smp_306350;geneID=Smp_306350;product=alpha
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Statement;polypeptide_domain=InterPro:IPR001503,IPR031481
Pfam:PF00852,PF17039;Ontology_term=GO:0006486,GO:0008417,GO:0016020
SM_V9_PAR2      Liftoff exon    18651710        18652099        .
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SM_V9_PAR2      Liftoff exon    18653296        18653532        .
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SM_V9_PAR2      Liftoff exon    18657238        18657395        .
        +       .       Parent=Smp_306350.1
SM_V9_PAR2      Liftoff exon    18657887        18658339        .
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SM_V9_PAR2      Liftoff CDS     18651797        18652099        .
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SM_V9_PAR2      Liftoff CDS     18653296        18653532        .
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SM_V9_PAR2      Liftoff CDS     18655266        18655484        .
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SM_V9_PAR2      Liftoff CDS     18657887        18658220        .
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SM_V9_PAR2      iris    gene    18686882        18694611        .
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ID=Smp_333000;geneID=Smp_333000;gene_name=Smp_333000;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    18686882        18694611        .
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fucosyltransferase B;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    18686882        18686939        .
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Parent=Smp_333000.1;Name=1d97109b-6c77-4056-8def-1b62cce3b793
SM_V9_PAR2      iris    exon    18687963        18688325        .
        +       .       Parent=Smp_333000.1;Name=b6f004aa-be15-4b0d-
b90d-85e42955dc01
SM_V9_PAR2      iris    exon    18689522        18689758        .
        +       .       Parent=Smp_333000.1;Name=93200bd1-44c2-4e7e-
a0fb-d3027f9478d7
SM_V9_PAR2      iris    exon    18691494        18691712        .
        +       .
Parent=Smp_333000.1;Name=cc56c02d-6837-4294-8953-3372a5e681a6
SM_V9_PAR2      iris    exon    18693466        18693623        .
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Parent=Smp_333000.1;Name=d1f27d05-010e-4133-8d14-a6f829b7a192
SM_V9_PAR2      iris    exon    18694115        18694611        .
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SM_V9_PAR2      iris    CDS     18688023        18688325        .
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SM_V9_PAR2      iris    CDS     18689522        18689758        .
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        +       0       Parent=Smp_333000.1
SM_V9_PAR2      iris    CDS     18693466        18693623        .
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SM_V9_PAR2      iris    CDS     18694115        18694448        .
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fucosyltransferase A;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    18723389        18723437        .
        +       .       Parent=Smp_099090.1;Name=82c76c0c-2c46-4e59-
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SM_V9_PAR2      iris    exon    18724461        18724823        .
        +       .       Parent=Smp_099090.1;Name=02535efa-0532-4cfe-
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SM_V9_PAR2      iris    exon    18726020        18726256        .
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Parent=Smp_099090.1;Name=2b8d17d4-91c9-4d60-947f-98e33b9543e1
SM_V9_PAR2      iris    exon    18727991        18728209        .
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Parent=Smp_099090.1;Name=0b04635f-82d0-411b-8023-92a28c248e25
SM_V9_PAR2      iris    exon    18729962        18730119        .
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SM_V9_PAR2      iris    exon    18730611        18731308        .
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SM_V9_PAR2      iris    CDS     18724521        18724823        .
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SM_V9_PAR2      iris    CDS     18727991        18728209        .
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SM_V9_PAR2      Liftoff gene    18740380        18770336        .
        +       .       ID=Smp_176570;geneID=Smp_176570
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SM_V9_PAR2      Liftoff exon    18740380        18740502        .
        +       .       Parent=Smp_176570.1
SM_V9_PAR2      Liftoff exon    18740545        18740694        .
        +       .       Parent=Smp_176570.1
SM_V9_PAR2      Liftoff exon    18742765        18742933        .
        +       .       Parent=Smp_176570.1
SM_V9_PAR2      Liftoff exon    18746252        18746329        .
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SM_V9_PAR2      Liftoff exon    18746371        18746427        .
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SM_V9_PAR2      Liftoff exon    18748106        18748382        .
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SM_V9_PAR2      Liftoff exon    18755911        18756070        .
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SM_V9_PAR2      Liftoff exon    18765425        18765443        .
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SM_V9_PAR2      Liftoff CDS     18742765        18742933        .
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SM_V9_PAR2      Liftoff CDS     18748106        18748382        .
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SM_V9_PAR2      Liftoff CDS     18749836        18750035        .
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SM_V9_PAR2      Liftoff CDS     18751174        18751249        .
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SM_V9_PAR2      Liftoff CDS     18751432        18751495        .
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SM_V9_PAR2      Liftoff CDS     18755911        18756070        .
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SM_V9_PAR2      Liftoff CDS     18763684        18763778        .
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SM_V9_PAR2      Liftoff CDS     18765425        18765443        .
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SM_V9_PAR2      iris    gene    18770764        18800186        .
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SM_V9_PAR2      iris    mRNA    18770764        18800186        .
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ID=Smp_176580.1;Parent=Smp_176580;geneID=Smp_176580;gene_name=Smp_17
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kinase kinase kinase 9;date_creation=2022-07-19
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SM_V9_PAR2      iris    exon    18772740        18773231        .
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SM_V9_PAR2      iris    exon    18773863        18774573        .
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Parent=Smp_176580.1;Name=e4607d4d-4083-4367-8c1a-4475bc99472d
SM_V9_PAR2      iris    exon    18779524        18779752        .
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SM_V9_PAR2      iris    exon    18781451        18781732        .
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SM_V9_PAR2      iris    exon    18788862        18789028        .
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Parent=Smp_176580.1;Name=83b9e46b-528c-4653-864d-226a5335cfea
SM_V9_PAR2      iris    exon    18789997        18790177        .
        -       .       Parent=Smp_176580.1;Name=88d20a5b-d1ae-45ba-
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SM_V9_PAR2      iris    exon    18790783        18790946        .
        -       .       Parent=Smp_176580.1;Name=8b32c6d7-
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SM_V9_PAR2      iris    exon    18791042        18791145        .
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SM_V9_PAR2      iris    exon    18791216        18791233        .
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SM_V9_PAR2	iris	exon	18794797	18795135	.
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SM_V9_PAR2	iris	exon	18796697	18797038	.
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SM_V9_PAR2	iris	CDS	18776717	18777437	.
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SM_V9_PAR2	iris	CDS	18779524	18779752	.
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SM_V9_PAR2	iris	CDS	18781451	18781732	.
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SM_V9_PAR2	iris	CDS	18781913	18782393	.
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SM_V9_PAR2	iris	CDS	18785545	18785736	.
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SM_V9_PAR2	iris	CDS	18788862	18789028	.
	-	2	Parent=Smp_176580.1
SM_V9_PAR2	iris	CDS	18789997	18790177	.
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SM_V9_PAR2	iris	CDS	18790783	18790946	.
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SM_V9_PAR2	iris	CDS	18791042	18791145	.
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SM_V9_PAR2	iris	CDS	18792555	18792647	.
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SM_V9_PAR2	iris	exon	18812054	18812137	.
	+	.
Parent=Smp_306360.1;Name=89d77835-9b59-4f9f-8e72-d004ee958b2b
SM_V9_PAR2	iris	exon	18812170	18812255	.
	+	.	Parent=Smp_306360.1;Name=9151a401-d8d5-4a28-
b5ff-ffd01943c598
SM_V9_PAR2	iris	exon	18812291	18812430	.
	+	.	Parent=Smp_306360.1;Name=46e8cab2-673c-433e-
a0b1-9d48a2741bca
SM_V9_PAR2	iris	exon	18813916	18813989	.
	+	.
Parent=Smp_306360.1;Name=3ad40b39-5f76-4bd2-9240-a3571600fa8e
SM_V9_PAR2	iris	exon	18817931	18817971	.
	+	.	Parent=Smp_306360.1;Name=ab4f2567-3d74-4952-
bc55-af123a8c4135
SM_V9_PAR2	iris	exon	18819243	18819374	.
	+	.
Parent=Smp_306360.1;Name=d1104756-8c62-4075-96b7-e43f8db9d99b
SM_V9_PAR2	iris	exon	18821634	18821747	.
	+	.	Parent=Smp_306360.1;Name=b19bfc63-666f-410d-
be5f-f68e63b8a166
SM_V9_PAR2	iris	exon	18828726	18828890	.
	+	.	Parent=Smp_306360.1;Name=e379b727-0f88-4a12-
ae4e-638dc1c8cf37
SM_V9_PAR2	iris	exon	18831128	18831191	.
	+	.
Parent=Smp_306360.1;Name=81859cf0-1b58-435a-8497-9a97aca6deb7
SM_V9_PAR2	iris	exon	18832557	18832620	.
	+	.	Parent=Smp_306360.1;Name=a9857cbf-
fb82-4b53-9e53-b920a2f074f1
SM_V9_PAR2	iris	exon	18837512	18837568	.
	+	.
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Parent=Smp_306360.1;Name=41a04ef9-4724-4f18-8ddb-8cf82d532af9
SM_V9_PAR2      iris    exon    18839213        18839275        .
        +       .       Parent=Smp_306360.1;Name=4ca518f3-
c94d-492a-9733-3801842eaab6
SM_V9_PAR2      iris    exon    18840723        18840796        .
        +       .       Parent=Smp_306360.1;Name=78c9784c-29d9-4992-
b3e1-7985878843f5
SM_V9_PAR2      iris    exon    18841916        18842088        .
        +       .       Parent=Smp_306360.1;Name=36c855f8-
e9f7-4e37-8bf6-0b8526cd29ed
SM_V9_PAR2      iris    exon    18844327        18844993        .
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a0de-34adc75efb04
SM_V9_PAR2      iris    CDS     18811781        18811861        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18811891        18812014        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18812054        18812137        .
        +       2       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18812170        18812255        .
        +       2       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18812291        18812430        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18813916        18813989        .
        +       1       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18817931        18817971        .
        +       2       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18819243        18819374        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18821634        18821747        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18828726        18828890        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18831128        18831191        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18832557        18832620        .
        +       2       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18837512        18837568        .
        +       1       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18839213        18839275        .
        +       1       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18840723        18840796        .
        +       1       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18841916        18842088        .
        +       2       Parent=Smp_306360.1
SM_V9_PAR2      iris    CDS     18844327        18844467        .
        +       0       Parent=Smp_306360.1
SM_V9_PAR2      Liftoff gene    18845178        18854816        .
        -       .
ID=Smp_341410;geneID=Smp_341410;previous_systematic_id=Smp_084780
SM_V9_PAR2      Liftoff mRNA    18845178        18854816        .
        -       .
ID=Smp_341410.1;Parent=Smp_341410;geneID=Smp_341410;product=Putative
alpha-1,3-mannosyl-glycoprotein 2-beta-N-
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acetylglucosaminyltransferase
SM_V9_PAR2      Liftoff exon    18845178        18845906        .
        -       .       Parent=Smp_341410.1
SM_V9_PAR2      Liftoff exon    18848612        18849195        .
        -       .       Parent=Smp_341410.1
SM_V9_PAR2      Liftoff exon    18854495        18854816        .
        -       .       Parent=Smp_341410.1
SM_V9_PAR2      Liftoff CDS     18845750        18845906        .
        -       1       Parent=Smp_341410.1
SM_V9_PAR2      Liftoff CDS     18848612        18849195        .
        -       0       Parent=Smp_341410.1
SM_V9_PAR2      Liftoff CDS     18854495        18854578        .
        -       0       Parent=Smp_341410.1
SM_V9_PAR2      iris    gene    18860362        18873406        .
        -       .
ID=Smp_341400;geneID=Smp_341400;gene_name=Smp_341400;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    18860362        18873406        .
        -       .
ID=Smp_341400.1;Parent=Smp_341400;geneID=Smp_341400;gene_name=Smp_34
1400;owner=irisadmin@local.host;orig_id=Smp_341400.1;date_last_modif
ied=2022-08-19;Name=Smp_341400.1;product=Nuclear factor related to
kappa-B-binding protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    18860362        18861552        .
        -       .       Parent=Smp_341400.1;Name=6a5d25d8-
ced8-4037-8402-2c326588da36
SM_V9_PAR2      iris    exon    18863069        18863195        .
        -       .
Parent=Smp_341400.1;Name=3ca832a6-2c1f-4f0e-90e5-d206eb4d2394
SM_V9_PAR2      iris    exon    18865290        18865610        .
        -       .       Parent=Smp_341400.1;Name=5b7c87d5-
e3eb-4558-8d5a-61ec5908cd5c
SM_V9_PAR2      iris    exon    18866885        18866945        .
        -       .       Parent=Smp_341400.1;Name=521a2c2d-84ad-42fd-
bae1-31978142dff6
SM_V9_PAR2      iris    exon    18867641        18868248        .
        -       .       Parent=Smp_341400.1;Name=3cc92a3a-2c04-4b81-
a83d-a732a9fa6f5c
SM_V9_PAR2      iris    exon    18869593        18869755        .
        -       .
Parent=Smp_341400.1;Name=9c0b62c7-6c57-40f9-8d61-1b586dfa02d3
SM_V9_PAR2      iris    exon    18870133        18870400        .
        -       .       Parent=Smp_341400.1;Name=7898d9e7-85d9-42ec-
ae6d-f6cd7bfa0796
SM_V9_PAR2      iris    exon    18873000        18873073        .
        -       .       Parent=Smp_341400.1;Name=71ac57b6-
ba44-4741-90c6-6cdb841f108d
SM_V9_PAR2      iris    exon    18873117        18873217        .
        -       .
Parent=Smp_341400.1;Name=3e7efab4-67a3-4d5a-954b-be719da79b8b
SM_V9_PAR2      iris    exon    18873257        18873406        .
        -       .
Parent=Smp_341400.1;Name=969cc712-92b9-4939-80a8-618b136723bc
SM_V9_PAR2      iris    CDS     18860741        18861552        .
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SM_V9_PAR2      iris    CDS     18863069        18863195        .
        -       0       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18865290        18865610        .
        -       0       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18866885        18866945        .
        -       1       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18867641        18868248        .
        -       0       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18869593        18869755        .
        -       1       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18870133        18870400        .
        -       2       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18873000        18873073        .
        -       1       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18873117        18873217        .
        -       0       Parent=Smp_341400.1
SM_V9_PAR2      iris    CDS     18873257        18873355        .
        -       0       Parent=Smp_341400.1
SM_V9_PAR2      iris    gene    18922190        18923247        .
        -       .
ID=Smp_168140;geneID=Smp_168140;gene_name=Smp_168140;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    18922190        18923247        .
        -       .
ID=Smp_168140.1;Parent=Smp_168140;geneID=Smp_168140;gene_name=Smp_16
8140;owner=irisadmin@local.host;orig_id=Smp_168140.1;date_last_modif
ied=2022-07-19;Name=Smp_168140.1;product=Uncharacterized protein
PFB0460c;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    18922190        18923247        .
        -       .
Parent=Smp_168140.1;Name=1ab79361-60b5-46fb-8df4-d3843c572884
SM_V9_PAR2      iris    CDS     18922621        18923085        .
        -       0       Parent=Smp_168140.1
SM_V9_PAR2      iris    gene    18957965        18975531        .
        -       .
ID=Smp_198530;geneID=Smp_198530;gene_name=Smp_198530;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    18957965        18975531        .
        -       .
ID=Smp_198530.1;Parent=Smp_198530;geneID=Smp_198530;gene_name=Smp_19
8530;owner=irisadmin@local.host;orig_id=Smp_198530.1;date_last_modif
ied=2022-07-19;Name=Smp_198530.1;product=Cleft lip and palate
transmembrane protein 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    18957965        18959116        .
        -       .       Parent=Smp_198530.1;Name=971dfab8-
f6da-4298-9623-5df9e1a518fc
SM_V9_PAR2      iris    exon    18959779        18959946        .
        -       .
Parent=Smp_198530.1;Name=ecdf3edd-8c5f-4fd8-90c9-4eb8cf51653d
SM_V9_PAR2      iris    exon    18961836        18961971        .
        -       .
Parent=Smp_198530.1;Name=69238b90-4e7b-4efc-98b3-c0e713a5eab3
SM_V9_PAR2      iris    exon    18962459        18962554        .
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        -       .       Parent=Smp_198530.1;Name=f1531431-5ffb-4808-
a59b-b6ea85f98352
SM_V9_PAR2      iris    exon    18963790        18963980        .
        -       .
Parent=Smp_198530.1;Name=031f3daa-23c1-4816-97dc-0dc7207ea6bc
SM_V9_PAR2      iris    exon    18964394        18964487        .
        -       .       Parent=Smp_198530.1;Name=d9b2c156-2438-4161-
b15a-0a3d6aba20af
SM_V9_PAR2      iris    exon    18966467        18966726        .
        -       .       Parent=Smp_198530.1;Name=d80dab9e-
c6dc-4008-8653-d1182b59899b
SM_V9_PAR2      iris    exon    18970014        18970229        .
        -       .
Parent=Smp_198530.1;Name=14002d6b-7d60-4920-821e-6eb5da35b36f
SM_V9_PAR2      iris    exon    18970388        18970511        .
        -       .
Parent=Smp_198530.1;Name=dfcdaa67-9296-496d-80ca-a9423f9a950e
SM_V9_PAR2      iris    exon    18972435        18972803        .
        -       .       Parent=Smp_198530.1;Name=70d2a576-12d1-4b4f-
b66b-38a090d09501
SM_V9_PAR2      iris    exon    18974423        18974469        .
        -       .
Parent=Smp_198530.1;Name=4c6d4e28-4f7c-494b-967a-75697598dee9
SM_V9_PAR2      iris    exon    18975477        18975531        .
        -       .       Parent=Smp_198530.1;Name=df0fd4fa-c7c2-4ca0-
bb5d-64200b616ad4
SM_V9_PAR2      iris    CDS     18958848        18959116        .
        -       2       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18959779        18959946        .
        -       2       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18961836        18961971        .
        -       0       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18962459        18962554        .
        -       0       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18963790        18963980        .
        -       2       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18964394        18964487        .
        -       0       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18966467        18966726        .
        -       2       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18970014        18970229        .
        -       2       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18970388        18970511        .
        -       0       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18972435        18972803        .
        -       0       Parent=Smp_198530.1
SM_V9_PAR2      iris    CDS     18974423        18974446        .
        -       0       Parent=Smp_198530.1
SM_V9_PAR2      iris    gene    18980153        19042305        .
        +       .
ID=Smp_347600;geneID=Smp_347600;gene_name=Smp_347600;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    18980153        19042305        .
        +       .
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ID=Smp_347600.1;Parent=Smp_347600;geneID=Smp_347600;gene_name=Smp_34
7600;owner=irisadmin@local.host;orig_id=Smp_347600.1;date_last_modif
ied=2022-08-19;Name=Smp_347600.1;product=Serine/threonine-protein
kinase PAK 3;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    18980153        18980228        .
        +       .       Parent=Smp_347600.1;Name=e182e21c-
e900-4a17-8288-0846d4f70149
SM_V9_PAR2      iris    exon    18982953        18983022        .
        +       .
Parent=Smp_347600.1;Name=2728cb98-39c5-43d4-82d9-3668ed0b780f
SM_V9_PAR2      iris    exon    18983061        18983122        .
        +       .
Parent=Smp_347600.1;Name=76745e89-5def-48bc-9cc4-d290277df307
SM_V9_PAR2      iris    exon    18983162        18983235        .
        +       .
Parent=Smp_347600.1;Name=a06d6692-8518-4755-8b6c-4f7ff6bcf79d
SM_V9_PAR2      iris    exon    18986750        18986859        .
        +       .       Parent=Smp_347600.1;Name=c614aa8f-af68-4e21-
b1b4-3b3e75155bad
SM_V9_PAR2      iris    exon    18988380        18988542        .
        +       .       Parent=Smp_347600.1;Name=7b36a16e-d8c5-44da-
a335-4601e5ac04e2
SM_V9_PAR2      iris    exon    18999551        18999849        .
        +       .       Parent=Smp_347600.1;Name=095c66d6-22d9-4d7b-
a826-b0e02c171a24
SM_V9_PAR2      iris    exon    19002295        19002813        .
        +       .       Parent=Smp_347600.1;Name=f962f44f-
dd2e-4630-9459-45e8a29cd6a3
SM_V9_PAR2      iris    exon    19005647        19005782        .
        +       .       Parent=Smp_347600.1;Name=b70a3c7a-47a9-48c8-
adf5-243121e933ae
SM_V9_PAR2      iris    exon    19016561        19016829        .
        +       .       Parent=Smp_347600.1;Name=fbd36066-9972-4cdf-
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SM_V9_PAR2      iris    exon    19022812        19023104        .
        +       .       Parent=Smp_347600.1;Name=1a171907-f672-45c4-
becb-c2a415ff2a7b
SM_V9_PAR2      iris    exon    19024771        19024939        .
        +       .
Parent=Smp_347600.1;Name=7e60a16b-694a-49dd-9650-10ff3db8f533
SM_V9_PAR2      iris    exon    19025892        19026002        .
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SM_V9_PAR2      iris    exon    19031199        19031501        .
        +       .       Parent=Smp_347600.1;Name=ea7a3bf0-60a0-432f-
be52-46a0a15a533d
SM_V9_PAR2      iris    exon    19039732        19039866        .
        +       .       Parent=Smp_347600.1;Name=fde74e11-f76f-401a-
b8ba-5852b1f2325e
SM_V9_PAR2      iris    exon    19041284        19042305        .
        +       .       Parent=Smp_347600.1;Name=7df10d4c-
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SM_V9_PAR2      iris    CDS     18983014        18983022        .
        +       0       Parent=Smp_347600.1
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SM_V9_PAR2	iris	CDS	18983061	18983122	.
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	+	1	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	18986750	18986859	.
	+	2	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	18988380	18988542	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	18999551	18999849	.
	+	2	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19002295	19002813	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19005647	19005782	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19016561	19016829	.
	+	2	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19022812	19023104	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19024771	19024939	.
	+	1	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19025892	19026002	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19031199	19031501	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19039732	19039866	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	iris	CDS	19041284	19041379	.
	+	0	Parent=Smp_347600.1
SM_V9_PAR2	Liftoff	gene	19044939	19067934	.
	-	.	ID=Smp_096640;geneID=Smp_096640
SM_V9_PAR2	Liftoff	mRNA	19044939	19067934	.
	-	.
ID=Smp_096640.1;Parent=Smp_096640;geneID=Smp_096640;product=Serine/
threonine-protein kinase
25;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR2	Liftoff	exon	19044939	19047117	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19048161	19048312	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19051900	19052147	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19054562	19054894	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19060426	19060574	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19064033	19064218	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19065989	19066146	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19067343	19067733	.
	-	.	Parent=Smp_096640.1
SM_V9_PAR2	Liftoff	exon	19067816	19067934	.
	-	.	Parent=Smp_096640.1
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SM_V9_PAR2      Liftoff CDS     19046902        19047117        .
        -       0       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19048161        19048312        .
        -       2       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19051900        19052147        .
        -       1       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19054562        19054894        .
        -       1       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19060426        19060574        .
        -       0       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19064033        19064218        .
        -       0       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19065989        19066146        .
        -       2       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19067343        19067733        .
        -       0       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff CDS     19067816        19067848        .
        -       0       Parent=Smp_096640.1
SM_V9_PAR2      Liftoff mRNA    19044939        19067934        .
        -       .
ID=Smp_096640.2;Parent=Smp_096640;geneID=Smp_096640;product=Serine/
threonine-protein kinase
25;polypeptide_domain=InterPro:IPR000719,IPR011009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR2      Liftoff exon    19044939        19047117        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19048161        19048312        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19051900        19052147        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19054562        19054894        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19060426        19060574        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19064033        19064218        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19065989        19066146        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19067343        19067733        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff exon    19067816        19067934        .
        -       .       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff CDS     19046902        19047117        .
        -       0       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff CDS     19048161        19048312        .
        -       2       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff CDS     19051900        19052147        .
        -       1       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff CDS     19054562        19054894        .
        -       1       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff CDS     19060426        19060574        .
        -       0       Parent=Smp_096640.2
SM_V9_PAR2      Liftoff CDS     19064033        19064218        .
        -       0       Parent=Smp_096640.2
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SM_V9_PAR2	Liftoff	CDS	19065989	19066146	.
	-	2	Parent=Smp_096640.2
SM_V9_PAR2	Liftoff	CDS	19067343	19067733	.
	-	0	Parent=Smp_096640.2
SM_V9_PAR2	Liftoff	CDS	19067816	19067848	.
	-	0	Parent=Smp_096640.2
SM_V9_PAR2	Liftoff	gene	19072473	19074460	.
	-	.	ID=Smp_175150;geneID=Smp_175150
SM_V9_PAR2	Liftoff	mRNA	19072473	19074460	.
	-	.
ID=Smp_175150.1;Parent=Smp_175150;geneID=Smp_175150;product=3-
hydroxyisobutyrate dehydrogenase, mitochondrial
SM_V9_PAR2	Liftoff	exon	19072473	19072670	.
	-	.	Parent=Smp_175150.1
SM_V9_PAR2	Liftoff	exon	19074413	19074460	.
	-	.	Parent=Smp_175150.1
SM_V9_PAR2	Liftoff	CDS	19072473	19072670	.
	-	0	Parent=Smp_175150.1
SM_V9_PAR2	Liftoff	CDS	19074413	19074460	.
	-	0	Parent=Smp_175150.1
SM_V9_PAR2	iris	gene	19085258	19167012	.
	+	.
ID=Smp_304370;geneID=Smp_304370;gene_name=Smp_304370;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	19085258	19167012	.
	+	.
ID=Smp_304370.1;Parent=Smp_304370;geneID=Smp_304370;gene_name=Smp_30
4370;owner=irisadmin@local.host;orig_id=Smp_304370.4;date_last_modif
ied=2022-07-19;Name=Smp_304370.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	19085258	19085344	.
	+	.
Parent=Smp_304370.1;Name=55aec01c-5417-4793-977b-e1e1151df7f2
SM_V9_PAR2	iris	exon	19088951	19089908	.
	+	.	Parent=Smp_304370.1;Name=507d83ef-
a813-4b57-92ce-185830fc8696
SM_V9_PAR2	iris	exon	19092289	19092342	.
	+	.	Parent=Smp_304370.1;Name=d58d5f0e-fd08-4ca8-
bce5-a56ef8acf22d
SM_V9_PAR2	iris	exon	19101213	19101261	.
	+	.
Parent=Smp_304370.1;Name=e258fa47-1708-472f-8f6f-08882b9f6cec
SM_V9_PAR2	iris	exon	19120071	19120136	.
	+	.	Parent=Smp_304370.1;Name=a4a6dc3b-
c1bd-4395-8b25-a4ea12e13845
SM_V9_PAR2	iris	exon	19131975	19132102	.
	+	.	Parent=Smp_304370.1;Name=870e5e51-e2e4-4de5-
aac0-75c322939016
SM_V9_PAR2	iris	exon	19136954	19137190	.
	+	.	Parent=Smp_304370.1;Name=73684ac8-22d0-4d6b-
a6d6-5f700f0264db
SM_V9_PAR2	iris	exon	19139572	19139578	.
	+	.	Parent=Smp_304370.1;Name=4a8a4153-c6db-4c58-
a071-d8778481b5fc
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SM_V9_PAR2	iris	exon	19139766	19139794	.
	+	.	Parent=Smp_304370.1;Name=3d6094ee-143a-4b30-
a602-d62ade5b735e
SM_V9_PAR2	iris	exon	19145382	19145501	.
	+	.	Parent=Smp_304370.1;Name=12aae998-
b225-4481-8c1a-e164b593365a
SM_V9_PAR2	iris	exon	19149584	19149683	.
	+	.	Parent=Smp_304370.1;Name=83c77238-6dc3-4cdc-
b16f-38e03fc72fcc
SM_V9_PAR2	iris	exon	19154617	19155198	.
	+	.
Parent=Smp_304370.1;Name=4ffb8441-5c15-4587-930a-2156ee834c10
SM_V9_PAR2	iris	exon	19155305	19156045	.
	+	.	Parent=Smp_304370.1;Name=26f3c8f6-6b71-46f5-
a850-b9a6dc862c7b
SM_V9_PAR2	iris	exon	19158067	19158136	.
	+	.
Parent=Smp_304370.1;Name=7786e869-7de1-4de8-939d-7d1c6e9590a5
SM_V9_PAR2	iris	exon	19158861	19158910	.
	+	.	Parent=Smp_304370.1;Name=aed0bc9f-b9f6-4c01-
a4b0-77a648e70744
SM_V9_PAR2	iris	exon	19159093	19159387	.
	+	.
Parent=Smp_304370.1;Name=b7e73196-3f48-4886-8db3-e22ae87b7c3b
SM_V9_PAR2	iris	exon	19160055	19160390	.
	+	.	Parent=Smp_304370.1;Name=28b434ff-
dcec-4210-83be-1201a5a61e0d
SM_V9_PAR2	iris	exon	19162422	19163102	.
	+	.	Parent=Smp_304370.1;Name=fe3be385-b2cd-4909-
a6d4-aaa2fc9acdc0
SM_V9_PAR2	iris	exon	19164854	19167012	.
	+	.	Parent=Smp_304370.1;Name=5ed87e05-ca17-4ec5-
bd06-00c01cd252cd
SM_V9_PAR2	iris	CDS	19089246	19089908	.
	+	0	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19092289	19092342	.
	+	0	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19101213	19101261	.
	+	0	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19120071	19120136	.
	+	2	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19131975	19132102	.
	+	2	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19136954	19137190	.
	+	0	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19139572	19139578	.
	+	0	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19139766	19139794	.
	+	2	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19145382	19145501	.
	+	0	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19149584	19149683	.
	+	0	Parent=Smp_304370.1
SM_V9_PAR2	iris	CDS	19154617	19155198	.
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        +       2       Parent=Smp_304370.1
SM_V9_PAR2      iris    CDS     19155305        19156045        .
        +       2       Parent=Smp_304370.1
SM_V9_PAR2      iris    CDS     19158067        19158136        .
        +       2       Parent=Smp_304370.1
SM_V9_PAR2      iris    CDS     19158861        19158910        .
        +       1       Parent=Smp_304370.1
SM_V9_PAR2      iris    CDS     19159093        19159387        .
        +       2       Parent=Smp_304370.1
SM_V9_PAR2      iris    CDS     19160055        19160390        .
        +       1       Parent=Smp_304370.1
SM_V9_PAR2      iris    CDS     19162422        19163102        .
        +       1       Parent=Smp_304370.1
SM_V9_PAR2      iris    CDS     19164854        19165829        .
        +       1       Parent=Smp_304370.1
SM_V9_PAR2      Liftoff gene    19174842        19183564        .
        -       .       ID=Smp_194620;geneID=Smp_194620
SM_V9_PAR2      Liftoff mRNA    19174842        19183564        .
        -       .
ID=Smp_194620.1;Parent=Smp_194620;geneID=Smp_194620;product=tRNA
(adenine(58)-N(1))-methyltransferase catalytic subunit
TRMT61A;polypeptide_domain=InterPro:IPR014816,IPR029063
Pfam:PF08704;Ontology_term=GO:0016429,GO:0030488,GO:0031515
SM_V9_PAR2      Liftoff exon    19174842        19175001        .
        -       .       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff exon    19176535        19176770        .
        -       .       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff exon    19179263        19179415        .
        -       .       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff exon    19180398        19180569        .
        -       .       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff exon    19181532        19181804        .
        -       .       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff exon    19182477        19183564        .
        -       .       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff CDS     19174888        19175001        .
        -       0       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff CDS     19176535        19176770        .
        -       2       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff CDS     19179263        19179415        .
        -       2       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff CDS     19180398        19180569        .
        -       0       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff CDS     19181532        19181804        .
        -       0       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff CDS     19182477        19182647        .
        -       0       Parent=Smp_194620.1
SM_V9_PAR2      Liftoff gene    19207168        19253183        .
        +       .       ID=Smp_194610;geneID=Smp_194610
SM_V9_PAR2      Liftoff mRNA    19207168        19253183        .
        +       .
ID=Smp_194610.1;Parent=Smp_194610;geneID=Smp_194610;product=cAMP-
dependent protein kinase catalytic subunit
PRKX;polypeptide_domain=InterPro:IPR000719,IPR000961,IPR008271,IPR01
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1009,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0004674,GO:0005524,GO:00064
68
SM_V9_PAR2      Liftoff exon    19207168        19207429        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19220158        19220326        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19238965        19239123        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19241865        19241969        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19244419        19244538        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19246255        19246359        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19247781        19247838        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19249229        19249306        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff exon    19251812        19253183        .
        +       .       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19207297        19207429        .
        +       0       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19220158        19220326        .
        +       2       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19238965        19239123        .
        +       1       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19241865        19241969        .
        +       1       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19244419        19244538        .
        +       1       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19246255        19246359        .
        +       1       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19247781        19247838        .
        +       1       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19249229        19249306        .
        +       0       Parent=Smp_194610.1
SM_V9_PAR2      Liftoff CDS     19251812        19251937        .
        +       0       Parent=Smp_194610.1
SM_V9_PAR2      iris    gene    19283821        19298271        .
        -       .
ID=Smp_267110;geneID=Smp_267110;gene_name=Smp_267110;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    19283821        19298271        .
        -       .
ID=Smp_267110.1;Parent=Smp_267110;geneID=Smp_267110;gene_name=Smp_26
7110;owner=irisadmin@local.host;orig_id=Smp_267110.1;date_last_modif
ied=2022-07-19;Name=Smp_267110.1;product=Exosome complex component
RRP40;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    19283821        19284232        .
        -       .       Parent=Smp_267110.1;Name=1da2589b-0d20-40ab-
b673-b03d70ff92cd
SM_V9_PAR2      iris    exon    19285777        19285970        .
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Parent=Smp_267110.1;Name=e8186343-9bb4-467a-8d85-ca2b4ef9a9c7
SM_V9_PAR2      iris    exon    19286866        19287250        .
        -       .       Parent=Smp_267110.1;Name=5c7dc0d1-
c28b-4466-8561-3bfae7c61ac9
SM_V9_PAR2      iris    exon    19287642        19287906        .
        -       .       Parent=Smp_267110.1;Name=51fa4230-
e810-4a29-9890-3e159f5298f3
SM_V9_PAR2      iris    exon    19298161        19298271        .
        -       .       Parent=Smp_267110.1;Name=94d0bfac-4039-45ea-
b957-151218a14396
SM_V9_PAR2      iris    CDS     19284080        19284232        .
        -       0       Parent=Smp_267110.1
SM_V9_PAR2      iris    CDS     19285777        19285970        .
        -       2       Parent=Smp_267110.1
SM_V9_PAR2      iris    CDS     19286866        19287250        .
        -       0       Parent=Smp_267110.1
SM_V9_PAR2      iris    CDS     19287642        19287884        .
        -       0       Parent=Smp_267110.1
SM_V9_PAR2      Liftoff gene    19311787        19322774        .
        -       .
ID=Smp_267120;geneID=Smp_267120;previous_systematic_id=Smp_194600
SM_V9_PAR2      Liftoff mRNA    19311787        19322774        .
        -       .
ID=Smp_267120.1;Parent=Smp_267120;geneID=Smp_267120;product=Calcium-
binding mitochondrial carrier protein
SCaMC-3;polypeptide_domain=InterPro:IPR002067,IPR018108,IPR023395
Pfam:PF00153;Ontology_term=GO:0055085
SM_V9_PAR2      Liftoff exon    19311787        19312864        .
        -       .       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff exon    19314165        19314332        .
        -       .       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff exon    19314996        19315219        .
        -       .       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff exon    19319614        19322774        .
        -       .       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff CDS     19312505        19312864        .
        -       0       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff CDS     19314165        19314332        .
        -       0       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff CDS     19314996        19315219        .
        -       2       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff CDS     19319614        19319842        .
        -       0       Parent=Smp_267120.1
SM_V9_PAR2      Liftoff gene    19333328        19355378        .
        +       .       ID=Smp_194590;geneID=Smp_194590
SM_V9_PAR2      Liftoff mRNA    19333328        19355378        .
        +       .
ID=Smp_194590.1;Parent=Smp_194590;geneID=Smp_194590;product=Vacuolar
protein sorting-associated protein 52
homolog;polypeptide_domain=InterPro:IPR007258,IPR007365 Pfam:PF04129
SM_V9_PAR2      Liftoff exon    19333328        19334206        .
        +       .       Parent=Smp_194590.1
SM_V9_PAR2      Liftoff exon    19334241        19334290        .
        +       .       Parent=Smp_194590.1
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SM_V9_PAR2	Liftoff	exon	19334325	19334400	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19334433	19334500	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19334543	19334656	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19336407	19336468	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19338045	19338195	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19338818	19338918	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19340216	19340348	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19341701	19341955	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19344771	19345123	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19346894	19347186	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19348734	19348996	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19349098	19349305	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19351884	19352002	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	exon	19354551	19355378	.
	+	.	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19334194	19334206	.
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SM_V9_PAR2	Liftoff	CDS	19334241	19334290	.
	+	2	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19334325	19334400	.
	+	0	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19334433	19334500	.
	+	2	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19334543	19334656	.
	+	0	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19336407	19336468	.
	+	0	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19338045	19338195	.
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SM_V9_PAR2	Liftoff	CDS	19338818	19338918	.
	+	0	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19340216	19340348	.
	+	1	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19341701	19341955	.
	+	0	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19344771	19345123	.
	+	0	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19346894	19347186	.
	+	1	Parent=Smp_194590.1
SM_V9_PAR2	Liftoff	CDS	19348734	19348996	.
	+	2	Parent=Smp_194590.1
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SM_V9_PAR2      Liftoff CDS     19349098        19349305        .
        +       0       Parent=Smp_194590.1
SM_V9_PAR2      Liftoff CDS     19351884        19352002        .
        +       2       Parent=Smp_194590.1
SM_V9_PAR2      Liftoff CDS     19354551        19354700        .
        +       0       Parent=Smp_194590.1
SM_V9_PAR2      Liftoff gene    19389697        19434732        .
        -       .       ID=Smp_121660;geneID=Smp_121660
SM_V9_PAR2      Liftoff mRNA    19389697        19434732        .
        -       .
ID=Smp_121660.1;Parent=Smp_121660;geneID=Smp_121660;product=IDLSRF-
like
peptide;polypeptide_domain=InterPro:IPR002172,IPR023415;Ontology_ter
m=GO:0005515
SM_V9_PAR2      Liftoff exon    19389697        19390181        .
        -       .       Parent=Smp_121660.1
SM_V9_PAR2      Liftoff exon    19396068        19396181        .
        -       .       Parent=Smp_121660.1
SM_V9_PAR2      Liftoff exon    19397158        19397301        .
        -       .       Parent=Smp_121660.1
SM_V9_PAR2      Liftoff exon    19416709        19434732        .
        -       .       Parent=Smp_121660.1
SM_V9_PAR2      Liftoff CDS     19389889        19390181        .
        -       2       Parent=Smp_121660.1
SM_V9_PAR2      Liftoff CDS     19396068        19396181        .
        -       2       Parent=Smp_121660.1
SM_V9_PAR2      Liftoff CDS     19397158        19397301        .
        -       2       Parent=Smp_121660.1
SM_V9_PAR2      Liftoff CDS     19416709        19416802        .
        -       0       Parent=Smp_121660.1
SM_V9_PAR2      iris    gene    19447526        19456439        .
        +       .
ID=Smp_121640;geneID=Smp_121640;gene_name=Smp_121640;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    19447526        19456439        .
        +       .
ID=Smp_121640.1;Parent=Smp_121640;geneID=Smp_121640;gene_name=Smp_12
1640;owner=irisadmin@local.host;orig_id=Smp_121640.1;date_last_modif
ied=2022-07-19;Name=Smp_121640.1;product=General transcription
factor IIF subunit 2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    19447526        19447844        .
        +       .
Parent=Smp_121640.1;Name=3c37ab91-9fc6-4388-86fb-f1a9a016a027
SM_V9_PAR2      iris    exon    19452084        19452431        .
        +       .       Parent=Smp_121640.1;Name=036e13d1-7b93-47a3-
a763-f160b0f70cd5
SM_V9_PAR2      iris    exon    19452578        19452667        .
        +       .
Parent=Smp_121640.1;Name=2deb2718-5beb-45a2-9ed4-ff1323c27a79
SM_V9_PAR2      iris    exon    19453462        19453605        .
        +       .
Parent=Smp_121640.1;Name=9facc96e-5c3f-4dd0-9fcd-2680910fc21f
SM_V9_PAR2      iris    exon    19456009        19456439        .
        +       .
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Parent=Smp_121640.1;Name=42c5dd71-6fb4-41cb-9227-d227a1f69506
SM_V9_PAR2      iris    CDS     19447554        19447844        .
        +       0       Parent=Smp_121640.1
SM_V9_PAR2      iris    CDS     19452084        19452431        .
        +       0       Parent=Smp_121640.1
SM_V9_PAR2      iris    CDS     19452578        19452667        .
        +       0       Parent=Smp_121640.1
SM_V9_PAR2      iris    CDS     19453462        19453605        .
        +       0       Parent=Smp_121640.1
SM_V9_PAR2      iris    CDS     19456009        19456143        .
        +       0       Parent=Smp_121640.1
SM_V9_PAR2      Liftoff gene    19457725        19466720        .
        -       .       ID=Smp_194580;geneID=Smp_194580
SM_V9_PAR2      Liftoff mRNA    19457725        19466720        .
        -       .
ID=Smp_194580.1;Parent=Smp_194580;geneID=Smp_194580;product=BTB/POZ
domain-containing adapter for CUL3-mediated RhoA degradation protein
3;polypeptide_domain=InterPro:IPR000210,IPR003131,IPR011333
Pfam:PF02214;Ontology_term=GO:0005515,GO:0051260
SM_V9_PAR2      Liftoff exon    19457725        19458711        .
        -       .       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff exon    19460028        19460235        .
        -       .       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff exon    19460980        19461032        .
        -       .       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff exon    19462918        19463183        .
        -       .       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff exon    19466516        19466720        .
        -       .       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff CDS     19458340        19458711        .
        -       0       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff CDS     19460028        19460235        .
        -       1       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff CDS     19460980        19461032        .
        -       0       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff CDS     19462918        19463183        .
        -       2       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff CDS     19466516        19466675        .
        -       0       Parent=Smp_194580.1
SM_V9_PAR2      Liftoff gene    19481554        19483124        .
        +       .       ID=Smp_074700;geneID=Smp_074700
SM_V9_PAR2      Liftoff mRNA    19481554        19483124        .
        +       .
ID=Smp_074700.1;Parent=Smp_074700;geneID=Smp_074700;product=Transloc
on-associated protein subunit
gamma;polypeptide_domain=InterPro:IPR009779
Pfam:PF07074;Ontology_term=GO:0006614,GO:0016021
SM_V9_PAR2      Liftoff exon    19481554        19481699        .
        +       .       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff exon    19481734        19481860        .
        +       .       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff exon    19481894        19481986        .
        +       .       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff exon    19482018        19483124        .
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        +       .       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff CDS     19481579        19481699        .
        +       0       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff CDS     19481734        19481860        .
        +       2       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff CDS     19481894        19481986        .
        +       1       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff CDS     19482018        19482183        .
        +       1       Parent=Smp_074700.1
SM_V9_PAR2      Liftoff mRNA    19481554        19483124        .
        +       .
ID=Smp_074700.2;Parent=Smp_074700;geneID=Smp_074700;product=Transloc
on-associated protein subunit
gamma;polypeptide_domain=InterPro:IPR009779
Pfam:PF07074;Ontology_term=GO:0006614,GO:0016021
SM_V9_PAR2      Liftoff exon    19481554        19481699        .
        +       .       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff exon    19481734        19481860        .
        +       .       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff exon    19481894        19481986        .
        +       .       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff exon    19482018        19482146        .
        +       .       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff exon    19483029        19483124        .
        +       .       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff CDS     19481579        19481699        .
        +       0       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff CDS     19481734        19481860        .
        +       2       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff CDS     19481894        19481986        .
        +       1       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff CDS     19482018        19482146        .
        +       1       Parent=Smp_074700.2
SM_V9_PAR2      Liftoff CDS     19483029        19483101        .
        +       1       Parent=Smp_074700.2
SM_V9_PAR2      iris    gene    19484715        19503155        .
        -       .
ID=Smp_267130;geneID=Smp_267130;gene_name=Smp_267130;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    19484715        19503155        .
        -       .
ID=Smp_267130.1;Parent=Smp_267130;geneID=Smp_267130;gene_name=Smp_26
7130;owner=irisadmin@local.host;orig_id=Smp_267130.1;date_last_modif
ied=2022-07-19;Name=Smp_267130.1;product=Leucine-rich repeat-
containing protein 23;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    19484715        19484847        .
        -       .       Parent=Smp_267130.1;Name=723f0985-
a08c-4723-8ef4-f3ae48509e99
SM_V9_PAR2      iris    exon    19486776        19486931        .
        -       .       Parent=Smp_267130.1;Name=ed452e45-6c93-49e6-
be28-efbe0e52bfe8
SM_V9_PAR2      iris    exon    19487915        19487991        .
        -       .       Parent=Smp_267130.1;Name=9e1b79cb-2546-470c-
b0b5-cfbce8404018
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SM_V9_PAR2	iris	exon	19489225	19489648	.
	-	.	Parent=Smp_267130.1;Name=2acc510b-1c80-46a4-
ab30-8d2ad1618c35
SM_V9_PAR2	iris	exon	19494341	19494594	.
	-	.	Parent=Smp_267130.1;Name=bfe91524-2d85-4c1e-
b777-8f0594143731
SM_V9_PAR2	iris	exon	19500983	19501100	.
	-	.	Parent=Smp_267130.1;Name=2ef3c955-
fa8c-4686-9f88-31c39d2f2eb4
SM_V9_PAR2	iris	exon	19501157	19501244	.
	-	.	Parent=Smp_267130.1;Name=04866afe-076e-4369-
a74a-d2649f2b663e
SM_V9_PAR2	iris	exon	19503006	19503155	.
	-	.	Parent=Smp_267130.1;Name=3db5e23b-5e1f-429a-
bff4-89fad5fc9816
SM_V9_PAR2	iris	CDS	19486786	19486931	.
	-	2	Parent=Smp_267130.1
SM_V9_PAR2	iris	CDS	19487915	19487991	.
	-	1	Parent=Smp_267130.1
SM_V9_PAR2	iris	CDS	19489225	19489648	.
	-	2	Parent=Smp_267130.1
SM_V9_PAR2	iris	CDS	19494341	19494594	.
	-	1	Parent=Smp_267130.1
SM_V9_PAR2	iris	CDS	19500983	19501100	.
	-	2	Parent=Smp_267130.1
SM_V9_PAR2	iris	CDS	19501157	19501160	.
	-	0	Parent=Smp_267130.1
SM_V9_PAR2	Liftoff	gene	19511947	19527832	.
	-	.
ID=Smp_267140;geneID=Smp_267140;previous_systematic_id=Smp_162450
SM_V9_PAR2	Liftoff	mRNA	19511947	19527832	.
	-	.
ID=Smp_267140.1;Parent=Smp_267140;geneID=Smp_267140;product=Zinc
transporter
9;polypeptide_domain=InterPro:IPR002524,IPR009061,IPR022656
Pfam:PF01545;Ontology_term=GO:0006812,GO:0008324,GO:0016021,GO:00550
85
SM_V9_PAR2	Liftoff	exon	19511947	19512164	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19513777	19513890	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19515058	19515250	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19516117	19516402	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19517801	19517840	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19518974	19519109	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19521292	19521347	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19523995	19524097	.
	-	.	Parent=Smp_267140.1
SM_V9_PAR2	Liftoff	exon	19526080	19526150	.
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        -       .       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff exon    19526985        19527055        .
        -       .       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff exon    19527089        19527171        .
        -       .       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff exon    19527207        19527299        .
        -       .       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff exon    19527343        19527445        .
        -       .       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff exon    19527478        19527832        .
        -       .       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19512120        19512164        .
        -       0       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19513777        19513890        .
        -       0       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19515058        19515250        .
        -       1       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19516117        19516402        .
        -       2       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19517801        19517840        .
        -       0       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19518974        19519109        .
        -       1       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19521292        19521347        .
        -       0       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19523995        19524097        .
        -       1       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19526080        19526150        .
        -       0       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19526985        19527055        .
        -       2       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19527089        19527171        .
        -       1       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19527207        19527299        .
        -       1       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19527343        19527445        .
        -       2       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff CDS     19527478        19527682        .
        -       0       Parent=Smp_267140.1
SM_V9_PAR2      Liftoff mRNA    19513437        19527832        .
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ID=Smp_267140.2;Parent=Smp_267140;geneID=Smp_267140;product=Zinc
transporter
9;polypeptide_domain=InterPro:IPR002524,IPR009061,IPR022656
Pfam:PF01545;Ontology_term=GO:0006812,GO:0008324,GO:0016021,GO:00550
85
SM_V9_PAR2      Liftoff exon    19513437        19513890        .
        -       .       Parent=Smp_267140.2
SM_V9_PAR2      Liftoff exon    19515058        19515250        .
        -       .       Parent=Smp_267140.2
SM_V9_PAR2      Liftoff exon    19516117        19516402        .
        -       .       Parent=Smp_267140.2
SM_V9_PAR2      Liftoff exon    19517801        19517840        .
        -       .       Parent=Smp_267140.2
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SM_V9_PAR2	Liftoff	exon	19518974	19519109	.
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SM_V9_PAR2	Liftoff	exon	19521292	19521347	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	exon	19523995	19524097	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	exon	19526080	19526150	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	exon	19526985	19527055	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	exon	19527089	19527171	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	exon	19527207	19527299	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	exon	19527343	19527445	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	exon	19527478	19527832	.
	-	.	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19513708	19513890	.
	-	0	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19515058	19515250	.
	-	1	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19516117	19516402	.
	-	2	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19517801	19517840	.
	-	0	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19518974	19519109	.
	-	1	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19521292	19521347	.
	-	0	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19523995	19524097	.
	-	1	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19526080	19526150	.
	-	0	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19526985	19527055	.
	-	2	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19527089	19527171	.
	-	1	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19527207	19527299	.
	-	1	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19527343	19527445	.
	-	2	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	CDS	19527478	19527682	.
	-	0	Parent=Smp_267140.2
SM_V9_PAR2	Liftoff	gene	19593295	19620642	.
	-	.	ID=Smp_162440;geneID=Smp_162440
SM_V9_PAR2	Liftoff	mRNA	19593295	19620642	.
	-	.
ID=Smp_162440.1;Parent=Smp_162440;geneID=Smp_162440;product=Mechanos
ensory protein
2;polypeptide_domain=InterPro:IPR001107,IPR001972,IPR018080
Pfam:PF01145;Ontology_term=GO:0016020
SM_V9_PAR2	Liftoff	exon	19593295	19594103	.
	-	.	Parent=Smp_162440.1
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SM_V9_PAR2	Liftoff	exon	19600611	19600706	.
	-	.	Parent=Smp_162440.1
SM_V9_PAR2	Liftoff	exon	19619002	19620642	.
	-	.	Parent=Smp_162440.1
SM_V9_PAR2	Liftoff	CDS	19593609	19594103	.
	-	0	Parent=Smp_162440.1
SM_V9_PAR2	Liftoff	CDS	19600611	19600706	.
	-	0	Parent=Smp_162440.1
SM_V9_PAR2	Liftoff	CDS	19619002	19620042	.
	-	0	Parent=Smp_162440.1
SM_V9_PAR2	iris	gene	19714248	19729786	.
	+	.
ID=Smp_345350;geneID=Smp_345350;gene_name=Smp_345350;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	19714248	19729786	.
	+	.
ID=Smp_345350.1;Parent=Smp_345350;geneID=Smp_345350;gene_name=Smp_34
5350;owner=irisadmin@local.host;orig_id=Smp_345350.1;date_last_modif
ied=2022-07-19;Name=Smp_345350.1;product=Nuclear RNA export factor
1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	19714248	19714345	.
	+	.	Parent=Smp_345350.1;Name=67b80b2a-
e06a-45c7-8533-96c76eb79274
SM_V9_PAR2	iris	exon	19715958	19716097	.
	+	.	Parent=Smp_345350.1;Name=3faa7834-
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SM_V9_PAR2	iris	exon	19718174	19718392	.
	+	.	Parent=Smp_345350.1;Name=4cb04c65-
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SM_V9_PAR2	iris	exon	19718937	19719266	.
	+	.
Parent=Smp_345350.1;Name=590f5e3e-753d-473b-8f42-817b82a6e755
SM_V9_PAR2	iris	exon	19720751	19720989	.
	+	.
Parent=Smp_345350.1;Name=2f65cc35-9b25-4d6a-9542-8f481ec4d83e
SM_V9_PAR2	iris	exon	19721659	19721695	.
	+	.	Parent=Smp_345350.1;Name=af974454-
edd4-458f-9b3c-fad5632e73b5
SM_V9_PAR2	iris	exon	19722770	19722921	.
	+	.	Parent=Smp_345350.1;Name=4d91bd2f-ae16-4f6d-
b680-31843d36f02e
SM_V9_PAR2	iris	exon	19723727	19724090	.
	+	.	Parent=Smp_345350.1;Name=316aa063-9074-455c-
ba2f-cd593169a960
SM_V9_PAR2	iris	exon	19726628	19726831	.
	+	.	Parent=Smp_345350.1;Name=ebd8a9c4-
c983-48e5-8d75-e15ef2c29b8d
SM_V9_PAR2	iris	exon	19728731	19729786	.
	+	.	Parent=Smp_345350.1;Name=12a18dff-e2b5-4f8a-
b7c4-b85ed463cd3b
SM_V9_PAR2	iris	CDS	19714294	19714345	.
	+	0	Parent=Smp_345350.1
SM_V9_PAR2	iris	CDS	19715958	19716097	.
	+	2	Parent=Smp_345350.1
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SM_V9_PAR2      iris    CDS     19718174        19718392        .
        +       0       Parent=Smp_345350.1
SM_V9_PAR2      iris    CDS     19718937        19719266        .
        +       0       Parent=Smp_345350.1
SM_V9_PAR2      iris    CDS     19720751        19720989        .
        +       0       Parent=Smp_345350.1
SM_V9_PAR2      iris    CDS     19721659        19721695        .
        +       1       Parent=Smp_345350.1
SM_V9_PAR2      iris    CDS     19722770        19722921        .
        +       0       Parent=Smp_345350.1
SM_V9_PAR2      iris    CDS     19723727        19724090        .
        +       1       Parent=Smp_345350.1
SM_V9_PAR2      iris    CDS     19726628        19726831        .
        +       0       Parent=Smp_345350.1
SM_V9_PAR2      iris    CDS     19728731        19728991        .
        +       0       Parent=Smp_345350.1
SM_V9_PAR2      Liftoff gene    19729695        19777064        .
        -       .
ID=Smp_341180;geneID=Smp_341180;previous_systematic_id=Smp_074650
SM_V9_PAR2      Liftoff mRNA    19729695        19777064        .
        -       .
ID=Smp_341180.1;Parent=Smp_341180;geneID=Smp_341180;product=Hypothet
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SM_V9_PAR2      Liftoff exon    19729695        19730497        .
        -       .       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff exon    19732911        19733309        .
        -       .       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff exon    19736326        19736420        .
        -       .       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff exon    19753876        19754055        .
        -       .       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff exon    19755845        19756195        .
        -       .       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff exon    19769393        19769511        .
        -       .       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff exon    19771216        19777064        .
        -       .       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff CDS     19729964        19730497        .
        -       0       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff CDS     19732911        19733309        .
        -       0       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff CDS     19736326        19736420        .
        -       2       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff CDS     19753876        19754055        .
        -       2       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff CDS     19755845        19756195        .
        -       2       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff CDS     19769393        19769511        .
        -       1       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff CDS     19771216        19771451        .
        -       0       Parent=Smp_341180.1
SM_V9_PAR2      Liftoff mRNA    19729695        19777064        .
        -       .
ID=Smp_341180.2;Parent=Smp_341180;geneID=Smp_341180;product=Hypothet
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SM_V9_PAR2      Liftoff exon    19729695        19730497        .
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SM_V9_PAR2      Liftoff exon    19732911        19733309        .
        -       .       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff exon    19736326        19736420        .
        -       .       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff exon    19753876        19754055        .
        -       .       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff exon    19755845        19756195        .
        -       .       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff exon    19769393        19769511        .
        -       .       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff exon    19771216        19777064        .
        -       .       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff CDS     19729964        19730497        .
        -       0       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff CDS     19732911        19733309        .
        -       0       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff CDS     19736326        19736420        .
        -       2       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff CDS     19753876        19754055        .
        -       2       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff CDS     19755845        19756195        .
        -       2       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff CDS     19769393        19769511        .
        -       1       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff CDS     19771216        19771451        .
        -       0       Parent=Smp_341180.2
SM_V9_PAR2      Liftoff gene    19778050        19779409        .
        +       .       ID=Smp_162420;geneID=Smp_162420
SM_V9_PAR2      Liftoff mRNA    19778050        19779409        .
        +       .
ID=Smp_162420.1;Parent=Smp_162420;geneID=Smp_162420;product=Innexin
unc-9
SM_V9_PAR2      Liftoff exon    19778050        19778105        .
        +       .       Parent=Smp_162420.1
SM_V9_PAR2      Liftoff exon    19779298        19779409        .
        +       .       Parent=Smp_162420.1
SM_V9_PAR2      Liftoff CDS     19778050        19778105        .
        +       0       Parent=Smp_162420.1
SM_V9_PAR2      Liftoff CDS     19779298        19779409        .
        +       1       Parent=Smp_162420.1
SM_V9_PAR2      Liftoff gene    19790135        19829503        .
        +       .
ID=Smp_347960;geneID=Smp_347960;previous_systematic_id=Smp_101630,Sm
p_162410,Smp_267150
SM_V9_PAR2      Liftoff mRNA    19790135        19829503        .
        +       .
ID=Smp_347960.1;Parent=Smp_347960;geneID=Smp_347960;product=Segment
polarity protein dishevelled homolog
DVL-3;polypeptide_domain=InterPro:IPR000591,IPR001158,IPR001478,IPR0
03351,IPR008339,IPR011991,IPR029071
Pfam:PF00595,PF00610,PF00778,PF02377;Ontology_term=GO:0005515,GO:001
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6055,GO:0035556
SM_V9_PAR2      Liftoff exon    19790135        19790485        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19791720        19791789        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19793026        19793147        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19794720        19794871        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19799719        19799760        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19801981        19802161        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19802425        19802518        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19803211        19803497        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19808200        19808674        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19813756        19813939        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19815733        19815900        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19816428        19816787        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff exon    19827002        19829503        .
        +       .       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19790307        19790485        .
        +       0       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19791720        19791789        .
        +       1       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19793026        19793147        .
        +       0       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19794720        19794871        .
        +       1       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19799719        19799760        .
        +       2       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19801981        19802161        .
        +       2       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19802425        19802518        .
        +       1       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19803211        19803497        .
        +       0       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19808200        19808674        .
        +       1       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19813756        19813939        .
        +       0       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19815733        19815900        .
        +       2       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19816428        19816787        .
        +       2       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff CDS     19827002        19827615        .
        +       2       Parent=Smp_347960.1
SM_V9_PAR2      Liftoff gene    19831426        19846589        .
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SM_V9_PAR2      Liftoff mRNA    19831426        19846589        .
        -       .
ID=Smp_316580.1;Parent=Smp_316580;geneID=Smp_316580;product=Lysophos
pholipase
SM_V9_PAR2      Liftoff exon    19831426        19831547        .
        -       .       Parent=Smp_316580.1
SM_V9_PAR2      Liftoff exon    19833613        19833696        .
        -       .       Parent=Smp_316580.1
SM_V9_PAR2      Liftoff exon    19841273        19846589        .
        -       .       Parent=Smp_316580.1
SM_V9_PAR2      Liftoff CDS     19831467        19831547        .
        -       0       Parent=Smp_316580.1
SM_V9_PAR2      Liftoff CDS     19833613        19833696        .
        -       0       Parent=Smp_316580.1
SM_V9_PAR2      Liftoff CDS     19841273        19841404        .
        -       0       Parent=Smp_316580.1
SM_V9_PAR2      Liftoff gene    19864285        19916554        .
        +       .       ID=Smp_162390;geneID=Smp_162390
SM_V9_PAR2      Liftoff mRNA    19864285        19916554        .
        +       .
ID=Smp_162390.1;Parent=Smp_162390;geneID=Smp_162390;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    19864285        19916554        .
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SM_V9_PAR2      Liftoff CDS     19915279        19916202        .
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SM_V9_PAR2      iris    gene    19934745        19947035        .
        +       .
ID=Smp_162380;geneID=Smp_162380;gene_name=Smp_162380;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    19934745        19947035        .
        +       .
ID=Smp_162380.1;Parent=Smp_162380;geneID=Smp_162380;gene_name=Smp_16
2380;owner=irisadmin@local.host;orig_id=Smp_162380.1;date_last_modif
ied=2022-07-19;Name=Smp_162380.1;product=Isoamyl acetate-hydrolyzing
esterase 1 homolog;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    19934745        19934824        .
        +       .       Parent=Smp_162380.1;Name=930a95e5-b896-4cbb-
a465-1002141b95c9
SM_V9_PAR2      iris    exon    19942360        19942415        .
        +       .       Parent=Smp_162380.1;Name=58d65988-
a051-4253-97c9-cd3bf549c0bb
SM_V9_PAR2      iris    exon    19944268        19944481        .
        +       .
Parent=Smp_162380.1;Name=8d89a972-124d-45a0-857e-28fe92183aa0
SM_V9_PAR2      iris    exon    19945415        19945502        .
        +       .       Parent=Smp_162380.1;Name=8d9fbe8c-76c2-41c9-
a135-9ec35883b92a
SM_V9_PAR2      iris    exon    19945746        19945864        .
        +       .
Parent=Smp_162380.1;Name=11b0b5e6-8428-43fd-987e-c8ac8c48bff1
SM_V9_PAR2      iris    exon    19946707        19947035        .
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SM_V9_PAR2      iris    CDS     19942360        19942415        .
        +       0       Parent=Smp_162380.1
SM_V9_PAR2      iris    CDS     19944268        19944481        .
        +       1       Parent=Smp_162380.1
SM_V9_PAR2      iris    CDS     19945415        19945502        .
        +       0       Parent=Smp_162380.1
SM_V9_PAR2      iris    CDS     19945746        19945864        .
        +       2       Parent=Smp_162380.1
SM_V9_PAR2      iris    CDS     19946707        19946895        .
        +       0       Parent=Smp_162380.1
SM_V9_PAR2      iris    gene    19953380        19963455        .
        -       .
ID=Smp_323890;geneID=Smp_323890;gene_name=Smp_323890;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    19953380        19963455        .
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ID=Smp_323890.1;Parent=Smp_323890;geneID=Smp_323890;gene_name=Smp_32
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ied=2022-07-19;Name=Smp_323890.1;product=Nucleoside diphosphate-
linked moiety X motif 17;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    19953380        19953698        .
        -       .       Parent=Smp_323890.1;Name=eff4d95a-d930-42dd-
b132-6aa06e20529e
SM_V9_PAR2      iris    exon    19954728        19954967        .
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Parent=Smp_323890.1;Name=7759eac2-154f-41ef-9955-ed1deebd3a37
SM_V9_PAR2      iris    exon    19957967        19958178        .
        -       .       Parent=Smp_323890.1;Name=e10b7674-
af34-47c3-97b8-ee4506f8eea3
SM_V9_PAR2      iris    exon    19959313        19959528        .
        -       .       Parent=Smp_323890.1;Name=b63c4a98-edbe-4d07-
b24e-4172783d343b
SM_V9_PAR2      iris    exon    19963030        19963149        .
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Parent=Smp_323890.1;Name=dfb55822-7072-4abf-9b4e-d850f7776a0e
SM_V9_PAR2      iris    exon    19963190        19963262        .
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Parent=Smp_323890.1;Name=eee55c63-1fa1-4d4a-943e-41a23f9b771e
SM_V9_PAR2      iris    exon    19963302        19963455        .
        -       .       Parent=Smp_323890.1;Name=749cc7ed-c587-4272-
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SM_V9_PAR2      iris    CDS     19953506        19953698        .
        -       1       Parent=Smp_323890.1
SM_V9_PAR2      iris    CDS     19954728        19954967        .
        -       1       Parent=Smp_323890.1
SM_V9_PAR2      iris    CDS     19957967        19958178        .
        -       0       Parent=Smp_323890.1
SM_V9_PAR2      iris    CDS     19959313        19959528        .
        -       0       Parent=Smp_323890.1
SM_V9_PAR2      iris    CDS     19963030        19963149        .
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SM_V9_PAR2	iris	CDS	19963190	19963240	.
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	+	.
ID=Smp_074610;geneID=Smp_074610;gene_name=Smp_074610;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	19972325	19972851	.
	+	.
ID=Smp_074610.1;Parent=Smp_074610;geneID=Smp_074610;gene_name=Smp_07
4610;owner=irisadmin@local.host;orig_id=Smp_074610.1;date_last_modif
ied=2022-07-19;Name=Smp_074610.1;product=histone
H3;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	19972325	19972851	.
	+	.	Parent=Smp_074610.1;Name=a862b6da-5184-4e7f-
a7b2-f2b4df2d23d6
SM_V9_PAR2	iris	CDS	19972338	19972748	.
	+	0	Parent=Smp_074610.1
SM_V9_PAR2	iris	gene	19978478	19979101	.
	+	.
ID=Smp_162370;geneID=Smp_162370;gene_name=Smp_162370;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	19978478	19979101	.
	+	.
ID=Smp_162370.1;Parent=Smp_162370;geneID=Smp_162370;gene_name=Smp_16
2370;owner=irisadmin@local.host;orig_id=Smp_162370.1;date_last_modif
ied=2022-07-19;Name=Smp_162370.1;product=Histone H1, early
embryonic;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	19978478	19979101	.
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SM_V9_PAR2	iris	CDS	19978524	19979033	.
	+	0	Parent=Smp_162370.1
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	+	.
ID=Smp_074590;geneID=Smp_074590;gene_name=Smp_074590;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2	iris	mRNA	19992715	20000057	.
	+	.
ID=Smp_074590.1;Parent=Smp_074590;geneID=Smp_074590;gene_name=Smp_07
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ligase;date_creation=2022-08-19
SM_V9_PAR2	iris	exon	19992715	19992898	.
	+	.
Parent=Smp_074590.1;Name=c95af9c1-5daf-48af-875a-ca228fb89e58
SM_V9_PAR2	iris	exon	19994839	19994988	.
	+	.	Parent=Smp_074590.1;Name=e55c9b22-
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SM_V9_PAR2	iris	exon	19999069	20000057	.
	+	.	Parent=Smp_074590.1;Name=2b9ef4ef-ed28-4106-
aeac-a98af65097e8
SM_V9_PAR2	iris	CDS	19992823	19992898	.
	+	0	Parent=Smp_074590.1
SM_V9_PAR2	iris	CDS	19994839	19994988	.
	+	2	Parent=Smp_074590.1
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SM_V9_PAR2      iris    CDS     19999069        19999286        .
        +       2       Parent=Smp_074590.1
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        +       .       ID=Smp_162360;geneID=Smp_162360
SM_V9_PAR2      Liftoff mRNA    20020045        20022861        .
        +       .
ID=Smp_162360.1;Parent=Smp_162360;geneID=Smp_162360;product=Globin-3
;polypeptide_domain=InterPro:IPR000971,IPR009050
Pfam:PF00042;Ontology_term=GO:0020037
SM_V9_PAR2      Liftoff exon    20020045        20020232        .
        +       .       Parent=Smp_162360.1
SM_V9_PAR2      Liftoff exon    20020289        20020514        .
        +       .       Parent=Smp_162360.1
SM_V9_PAR2      Liftoff exon    20022601        20022861        .
        +       .       Parent=Smp_162360.1
SM_V9_PAR2      Liftoff CDS     20020126        20020232        .
        +       0       Parent=Smp_162360.1
SM_V9_PAR2      Liftoff CDS     20020289        20020514        .
        +       1       Parent=Smp_162360.1
SM_V9_PAR2      Liftoff CDS     20022601        20022717        .
        +       0       Parent=Smp_162360.1
SM_V9_PAR2      Liftoff gene    20036255        20046144        .
        +       .       ID=Smp_323900;geneID=Smp_323900
SM_V9_PAR2      Liftoff mRNA    20036255        20046144        .
        +       .
ID=Smp_323900.1;Parent=Smp_323900;geneID=Smp_323900;product=Sodium
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SM_V9_PAR2      Liftoff exon    20036255        20036430        .
        +       .       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff exon    20040981        20041039        .
        +       .       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff exon    20042869        20042955        .
        +       .       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff exon    20044287        20044355        .
        +       .       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff exon    20044586        20046144        .
        +       .       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff CDS     20036317        20036430        .
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SM_V9_PAR2      Liftoff CDS     20040981        20041039        .
        +       0       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff CDS     20042869        20042955        .
        +       1       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff CDS     20044287        20044355        .
        +       1       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff CDS     20044586        20044616        .
        +       1       Parent=Smp_323900.1
SM_V9_PAR2      Liftoff gene    20060765        20075348        .
        +       .       ID=Smp_074570;geneID=Smp_074570
SM_V9_PAR2      Liftoff mRNA    20060765        20075348        .
        +       .
ID=Smp_074570.1;Parent=Smp_074570;geneID=Smp_074570;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    20060765        20060892        .
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        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff exon    20064346        20064386        .
        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff exon    20064882        20064959        .
        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff exon    20066468        20066533        .
        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff exon    20067687        20067764        .
        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff exon    20069215        20069301        .
        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff exon    20070544        20070615        .
        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff exon    20072622        20075348        .
        +       .       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20060821        20060892        .
        +       0       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20064346        20064386        .
        +       0       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20064882        20064959        .
        +       1       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20066468        20066533        .
        +       1       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20067687        20067764        .
        +       1       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20069215        20069301        .
        +       1       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20070544        20070615        .
        +       1       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff CDS     20072622        20072652        .
        +       1       Parent=Smp_074570.1
SM_V9_PAR2      Liftoff mRNA    20060765        20075348        .
        +       .
ID=Smp_074570.2;Parent=Smp_074570;geneID=Smp_074570;product=Phosphor
ibosylformylglycinamidine synthase
SM_V9_PAR2      Liftoff exon    20060765        20064959        .
        +       .       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff exon    20066347        20066371        .
        +       .       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff exon    20066468        20066533        .
        +       .       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff exon    20067687        20067764        .
        +       .       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff exon    20069215        20069301        .
        +       .       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff exon    20070544        20070615        .
        +       .       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff exon    20072622        20075348        .
        +       .       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff CDS     20064953        20064959        .
        +       0       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff CDS     20066347        20066371        .
        +       2       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff CDS     20066468        20066533        .
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        +       1       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff CDS     20067687        20067764        .
        +       1       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff CDS     20069215        20069301        .
        +       1       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff CDS     20070544        20070615        .
        +       1       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff CDS     20072622        20072652        .
        +       1       Parent=Smp_074570.2
SM_V9_PAR2      Liftoff gene    20099898        20118461        .
        +       .       ID=Smp_074560;geneID=Smp_074560
SM_V9_PAR2      Liftoff mRNA    20099898        20118461        .
        +       .
ID=Smp_074560.1;Parent=Smp_074560;geneID=Smp_074560;product=Probable
LRR receptor-like serine/threonine-protein kinase At3g47570
SM_V9_PAR2      Liftoff exon    20099898        20108454        .
        +       .       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff exon    20108812        20108889        .
        +       .       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff exon    20111713        20111799        .
        +       .       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff exon    20114692        20114775        .
        +       .       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff exon    20115229        20115306        .
        +       .       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff exon    20115769        20115840        .
        +       .       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff exon    20117290        20118461        .
        +       .       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff CDS     20108432        20108454        .
        +       0       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff CDS     20108812        20108889        .
        +       1       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff CDS     20111713        20111799        .
        +       1       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff CDS     20114692        20114775        .
        +       1       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff CDS     20115229        20115306        .
        +       1       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff CDS     20115769        20115840        .
        +       1       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff CDS     20117290        20117320        .
        +       1       Parent=Smp_074560.1
SM_V9_PAR2      Liftoff mRNA    20099898        20118461        .
        +       .
ID=Smp_074560.2;Parent=Smp_074560;geneID=Smp_074560;product=hypothet
ical protein;evidence=Inferred from Sequence Orthology
SM_V9_PAR2      Liftoff exon    20099898        20100040        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20104680        20104787        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20106502        20106560        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20107281        20107358        .
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        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20108374        20108454        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20108812        20108889        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20111713        20111799        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20114692        20114775        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20115229        20115306        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20115769        20115840        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff exon    20117290        20118461        .
        +       .       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20099906        20100040        .
        +       0       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20104680        20104787        .
        +       0       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20106502        20106560        .
        +       0       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20107281        20107358        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20108374        20108454        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20108812        20108889        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20111713        20111799        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20114692        20114775        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20115229        20115306        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20115769        20115840        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff CDS     20117290        20117320        .
        +       1       Parent=Smp_074560.2
SM_V9_PAR2      Liftoff mRNA    20099898        20118461        .
        +       .
ID=Smp_074560.3;Parent=Smp_074560;geneID=Smp_074560;product=hypothet
ical protein;evidence=Inferred from Sequence Orthology
SM_V9_PAR2      Liftoff exon    20099898        20100040        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20104680        20104787        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20106502        20106560        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20107281        20107358        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20108812        20108889        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20111713        20111799        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20114692        20114775        .
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        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20115229        20115306        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20115769        20115840        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff exon    20117290        20118461        .
        +       .       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20099906        20100040        .
        +       0       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20104680        20104787        .
        +       0       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20106502        20106560        .
        +       0       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20107281        20107358        .
        +       1       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20108812        20108889        .
        +       1       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20111713        20111799        .
        +       1       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20114692        20114775        .
        +       1       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20115229        20115306        .
        +       1       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20115769        20115840        .
        +       1       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff CDS     20117290        20117320        .
        +       1       Parent=Smp_074560.3
SM_V9_PAR2      Liftoff gene    20132795        20140914        .
        +       .
ID=Smp_195070;geneID=Smp_195070;previous_systematic_id=Smp_074540
SM_V9_PAR2      Liftoff mRNA    20132795        20140914        .
        +       .
ID=Smp_195070.1;Parent=Smp_195070;geneID=Smp_195070;product=Hypothet
ical protein;literature=PMID:11072901
SM_V9_PAR2      Liftoff exon    20132795        20132983        .
        +       .       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff exon    20134518        20134646        .
        +       .       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff exon    20135799        20135851        .
        +       .       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff exon    20137061        20137126        .
        +       .       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff exon    20139751        20140914        .
        +       .       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff CDS     20132849        20132983        .
        +       0       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff CDS     20134518        20134646        .
        +       0       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff CDS     20135799        20135851        .
        +       0       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff CDS     20137061        20137126        .
        +       1       Parent=Smp_195070.1
SM_V9_PAR2      Liftoff CDS     20139751        20139781        .
        +       1       Parent=Smp_195070.1
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SM_V9_PAR2	Liftoff	mRNA	20132795	20140914	.
	+	.
ID=Smp_195070.2;Parent=Smp_195070;geneID=Smp_195070;product=Succinat
e dehydrogenase assembly factor 2, mitochondrial
SM_V9_PAR2	Liftoff	exon	20132795	20132983	.
	+	.	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	exon	20134518	20134646	.
	+	.	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	exon	20135799	20135851	.
	+	.	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	exon	20137061	20137126	.
	+	.	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	exon	20139751	20140914	.
	+	.	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	CDS	20132978	20132983	.
	+	0	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	CDS	20134518	20134646	.
	+	0	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	CDS	20135799	20135851	.
	+	0	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	CDS	20137061	20137126	.
	+	1	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	CDS	20139751	20139781	.
	+	1	Parent=Smp_195070.2
SM_V9_PAR2	Liftoff	gene	20154775	20164632	.
	+	.
ID=Smp_195060;geneID=Smp_195060;previous_systematic_id=Smp_074540
SM_V9_PAR2	Liftoff	mRNA	20154775	20164632	.
	+	.
ID=Smp_195060.1;Parent=Smp_195060;geneID=Smp_195060;product=DNA
ligase
SM_V9_PAR2	Liftoff	exon	20154775	20154934	.
	+	.	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	exon	20156918	20156976	.
	+	.	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	exon	20158666	20158731	.
	+	.	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	exon	20158787	20158858	.
	+	.	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	exon	20163176	20164632	.
	+	.	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	CDS	20154818	20154934	.
	+	0	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	CDS	20156918	20156976	.
	+	0	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	CDS	20158666	20158731	.
	+	1	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	CDS	20158787	20158858	.
	+	1	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	CDS	20163176	20163194	.
	+	1	Parent=Smp_195060.1
SM_V9_PAR2	Liftoff	mRNA	20154775	20164632	.
	+	.
ID=Smp_195060.2;Parent=Smp_195060;geneID=Smp_195060;product=DNA
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ligase
SM_V9_PAR2      Liftoff exon    20154775        20154934        .
        +       .       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff exon    20156918        20156976        .
        +       .       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff exon    20158666        20158731        .
        +       .       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff exon    20158787        20158858        .
        +       .       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff exon    20159660        20164632        .
        +       .       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff CDS     20154818        20154934        .
        +       0       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff CDS     20156918        20156976        .
        +       0       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff CDS     20158666        20158731        .
        +       1       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff CDS     20158787        20158858        .
        +       1       Parent=Smp_195060.2
SM_V9_PAR2      Liftoff CDS     20159660        20159678        .
        +       1       Parent=Smp_195060.2
SM_V9_PAR2      iris    gene    20178384        20183430        .
        -       .
ID=Smp_074450;geneID=Smp_074450;gene_name=Smp_074450;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    20178384        20183430        .
        -       .
ID=Smp_074450.1;Parent=Smp_074450;geneID=Smp_074450;gene_name=Smp_07
4450;owner=irisadmin@local.host;orig_id=Smp_074450.2;date_last_modif
ied=2022-07-19;Name=Smp_074450.1;product=N-acetyl-gamma-glutamyl-
phosphate reductase;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    20178384        20178813        .
        -       .
Parent=Smp_074450.1;Name=c4b4bd8b-0ae6-4d49-96b9-30ecd4b85a1f
SM_V9_PAR2      iris    exon    20180637        20180734        .
        -       .
Parent=Smp_074450.1;Name=2a1b84a4-1232-4ad5-8565-a4b93726a4df
SM_V9_PAR2      iris    exon    20183221        20183430        .
        -       .       Parent=Smp_074450.1;Name=bb9de0c9-78e8-408b-
aebe-63cb5ab41aab
SM_V9_PAR2      iris    CDS     20178456        20178813        .
        -       1       Parent=Smp_074450.1
SM_V9_PAR2      iris    CDS     20180637        20180734        .
        -       0       Parent=Smp_074450.1
SM_V9_PAR2      iris    CDS     20183221        20183307        .
        -       0       Parent=Smp_074450.1
SM_V9_PAR2      Liftoff gene    20199912        20209325        .
        -       .       ID=Smp_074460;geneID=Smp_074460
SM_V9_PAR2      Liftoff mRNA    20199912        20209325        .
        -       .
ID=Smp_074460.1;Parent=Smp_074460;geneID=Smp_074460;product=tegument
-allergen-like protein (TAL10);evidence=Inferred from
Experiment;literature=PMID:22509417;polypeptide_domain=InterPro:IPR0
02048,IPR011992,IPR018247 Pfam:PF13499;Ontology_term=GO:0005509
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SM_V9_PAR2	Liftoff	exon	20199912	20200513	.
	-	.	Parent=Smp_074460.1
SM_V9_PAR2	Liftoff	exon	20208088	20208179	.
	-	.	Parent=Smp_074460.1
SM_V9_PAR2	Liftoff	exon	20209122	20209325	.
	-	.	Parent=Smp_074460.1
SM_V9_PAR2	Liftoff	CDS	20200171	20200513	.
	-	1	Parent=Smp_074460.1
SM_V9_PAR2	Liftoff	CDS	20208088	20208179	.
	-	0	Parent=Smp_074460.1
SM_V9_PAR2	Liftoff	CDS	20209122	20209244	.
	-	0	Parent=Smp_074460.1
SM_V9_PAR2	iris	gene	20222259	20222858	.
	+	.
ID=Smp_074470;geneID=Smp_074470;gene_name=Smp_074470;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	20222259	20222858	.
	+	.
ID=Smp_074470.1;Parent=Smp_074470;geneID=Smp_074470;gene_name=Smp_07
4470;owner=irisadmin@local.host;orig_id=Smp_074470.1;date_last_modif
ied=2022-07-19;Name=Smp_074470.1;product=40S ribosomal protein
S23;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	20222259	20222469	.
	+	.
Parent=Smp_074470.1;Name=906fbdac-2aa7-4a63-9cf3-aa83eaf31f49
SM_V9_PAR2	iris	exon	20222503	20222858	.
	+	.	Parent=Smp_074470.1;Name=b9c3566b-2e33-4f58-
b61e-b34ee21319d8
SM_V9_PAR2	iris	CDS	20222302	20222469	.
	+	0	Parent=Smp_074470.1
SM_V9_PAR2	iris	CDS	20222503	20222772	.
	+	0	Parent=Smp_074470.1
SM_V9_PAR2	Liftoff	gene	20229495	20300921	.
	-	.	ID=Smp_162340;geneID=Smp_162340
SM_V9_PAR2	Liftoff	mRNA	20229495	20300921	.
	-	.
ID=Smp_162340.1;Parent=Smp_162340;geneID=Smp_162340;product=Serine/
threonine-protein kinase
ATR;polypeptide_domain=InterPro:IPR000403,IPR003151,IPR003152,IPR011
009,IPR011989,IPR011990,IPR012993,IPR014009,IPR016024,IPR018936
Pfam:PF00454,PF02259,PF02260,PF08064;Ontology_term=GO:0004674,GO:000
5488,GO:0005515,GO:0016301
SM_V9_PAR2	Liftoff	exon	20229495	20229841	.
	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20230358	20230539	.
	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20231291	20231679	.
	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20232298	20232393	.
	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20232938	20233095	.
	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20234304	20234411	.
	-	.	Parent=Smp_162340.1
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SM_V9_PAR2	Liftoff	exon	20235328	20235565	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20235691	20235818	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20235907	20235940	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20237201	20237253	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20247881	20248060	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20248596	20248806	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20250208	20250383	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20251353	20251593	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20252718	20252962	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20258888	20259112	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20259589	20259651	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20260436	20260932	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20262289	20262636	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20262722	20262926	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20263470	20263577	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20265621	20265758	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20265930	20266047	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20267773	20267969	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20268435	20268576	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20270447	20270869	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20271343	20271438	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20273532	20273651	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20273794	20273865	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20274506	20274684	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20275526	20275708	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20276585	20276692	.	-	.	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	exon	20278012	20278119	.	-	.	Parent=Smp_162340.1
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SM_V9_PAR2      Liftoff exon    20278397        20278486        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20279296        20279370        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20280647        20281049        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20281802        20281931        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20282022        20282281        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20283092        20283366        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20284404        20284465        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20286395        20286564        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20287782        20287960        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20289654        20289899        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20294652        20294954        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20295095        20295209        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20295247        20295326        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20295371        20295480        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20296424        20296594        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20297654        20297835        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff exon    20299734        20300921        .
        -       .       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20229764        20229841        .
        -       0       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20230358        20230539        .
        -       2       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20231291        20231679        .
        -       1       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20232298        20232393        .
        -       1       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20232938        20233095        .
        -       0       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20234304        20234411        .
        -       0       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20235328        20235565        .
        -       1       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20235691        20235818        .
        -       0       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20235907        20235940        .
        -       1       Parent=Smp_162340.1
SM_V9_PAR2      Liftoff CDS     20237201        20237253        .
        -       0       Parent=Smp_162340.1
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SM_V9_PAR2	Liftoff	CDS	20247881	20248060	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20248596	20248806	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20250208	20250383	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20251353	20251593	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20252718	20252962	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20258888	20259112	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20259589	20259651	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20260436	20260932	.	-	2	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20262289	20262636	.	-	2	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20262722	20262926	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20263470	20263577	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20265621	20265758	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20265930	20266047	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20267773	20267969	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20268435	20268576	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20270447	20270869	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20271343	20271438	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20273532	20273651	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20273794	20273865	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20274506	20274684	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20275526	20275708	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20276585	20276692	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20278012	20278119	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20278397	20278486	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20279296	20279370	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20280647	20281049	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20281802	20281931	.	-	2	Parent=Smp_162340.1
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SM_V9_PAR2	Liftoff	CDS	20282022	20282281	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20283092	20283366	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20284404	20284465	.	-	2	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20286395	20286564	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20287782	20287960	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20289654	20289899	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20294652	20294954	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20295095	20295209	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20295247	20295326	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20295371	20295480	.	-	2	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20296424	20296594	.	-	2	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20297654	20297835	.	-	1	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	CDS	20299734	20299750	.	-	0	Parent=Smp_162340.1
SM_V9_PAR2	Liftoff	gene	20307899	20309774	.	+	.	ID=Smp_074500;geneID=Smp_074500
SM_V9_PAR2	Liftoff	mRNA	20307899	20309774	.	+	.
ID=Smp_074500.1;Parent=Smp_074500;geneID=Smp_074500;product=Proteasome subunit beta
type-2;polypeptide_domain=InterPro:IPR001353,IPR023333,IPR029055,IPR035206 Pfam:PF00227;Ontology_term=GO:0004298,GO:0005839,GO:0051603
SM_V9_PAR2	Liftoff	exon	20307899	20308162	.	+	.	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	exon	20308197	20308267	.	+	.	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	exon	20308303	20308395	.	+	.	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	exon	20309518	20309774	.	+	.	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	CDS	20307973	20308162	.	+	0	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	CDS	20308197	20308267	.	+	2	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	CDS	20308303	20308395	.	+	0	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	CDS	20309518	20309745	.	+	0	Parent=Smp_074500.1
SM_V9_PAR2	Liftoff	gene	20316337	20346955	.	-	.	ID=Smp_074510;geneID=Smp_074510
SM_V9_PAR2	Liftoff	mRNA	20316337	20346955	.	-	.
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ID=Smp_074510.1;Parent=Smp_074510;geneID=Smp_074510;product=Guanine
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alpha-13;polypeptide_domain=InterPro:IPR001019,IPR011025,IPR027417
Pfam:PF00503;Ontology_term=GO:0003924,GO:0004871,GO:0007165,GO:00071
86,GO:0019001,GO:0031683
SM_V9_PAR2      Liftoff exon    20316337        20317891        .
        -       .       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff exon    20329501        20329551        .
        -       .       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff exon    20336368        20336613        .
        -       .       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff exon    20343740        20346955        .
        -       .       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff CDS     20317169        20317891        .
        -       0       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff CDS     20329501        20329551        .
        -       0       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff CDS     20336368        20336613        .
        -       0       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff CDS     20343740        20344042        .
        -       0       Parent=Smp_074510.1
SM_V9_PAR2      Liftoff gene    20373229        20382674        .
        +       .       ID=Smp_162350;geneID=Smp_162350
SM_V9_PAR2      Liftoff mRNA    20373229        20379905        .
        +       .
ID=Smp_162350.2;Parent=Smp_162350;geneID=Smp_162350;product=Uncharac
terized HTH-type transcriptional regulator HI_0224
SM_V9_PAR2      Liftoff exon    20373229        20373351        .
        +       .       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff exon    20379379        20379477        .
        +       .       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff exon    20379514        20379636        .
        +       .       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff exon    20379686        20379905        .
        +       .       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff CDS     20373324        20373351        .
        +       0       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff CDS     20379379        20379477        .
        +       2       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff CDS     20379514        20379636        .
        +       2       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff CDS     20379686        20379750        .
        +       2       Parent=Smp_162350.2
SM_V9_PAR2      Liftoff mRNA    20373229        20382674        .
        +       .
ID=Smp_162350.1;Parent=Smp_162350;geneID=Smp_162350;product=NADH
dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11
SM_V9_PAR2      Liftoff exon    20373229        20373351        .
        +       .       Parent=Smp_162350.1
SM_V9_PAR2      Liftoff exon    20379379        20379477        .
        +       .       Parent=Smp_162350.1
SM_V9_PAR2      Liftoff exon    20379514        20379636        .
        +       .       Parent=Smp_162350.1
SM_V9_PAR2      Liftoff exon    20382380        20382674        .
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        +       .       Parent=Smp_162350.1
SM_V9_PAR2      Liftoff CDS     20373324        20373351        .
        +       0       Parent=Smp_162350.1
SM_V9_PAR2      Liftoff CDS     20379379        20379477        .
        +       2       Parent=Smp_162350.1
SM_V9_PAR2      Liftoff CDS     20379514        20379636        .
        +       2       Parent=Smp_162350.1
SM_V9_PAR2      Liftoff CDS     20382380        20382588        .
        +       2       Parent=Smp_162350.1
SM_V9_PAR2      iris    gene    20382729        20407910        .
        +       .
ID=Smp_196030;geneID=Smp_196030;gene_name=Smp_196030;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    20382729        20407910        .
        +       .
ID=Smp_196030.1;Parent=Smp_196030;geneID=Smp_196030;gene_name=Smp_19
6030;owner=irisadmin@local.host;orig_id=Smp_196030.2;date_last_modif
ied=2022-07-19;Name=Smp_196030.1;product=Beta-
chimaerin;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    20382729        20382940        .
        +       .
Parent=Smp_196030.1;Name=df96f0a0-9843-4905-9c86-04e1c0f4dc59
SM_V9_PAR2      iris    exon    20383476        20383841        .
        +       .
Parent=Smp_196030.1;Name=726a7c22-7592-4b36-83f6-fe38bfd40f27
SM_V9_PAR2      iris    exon    20384840        20385126        .
        +       .       Parent=Smp_196030.1;Name=52e136c8-0707-450c-
a728-c0a3b7338fd2
SM_V9_PAR2      iris    exon    20387720        20387908        .
        +       .       Parent=Smp_196030.1;Name=b5d6a54f-6d2a-4c79-
ae41-8f2df82f3b5f
SM_V9_PAR2      iris    exon    20390492        20390660        .
        +       .       Parent=Smp_196030.1;Name=09bfd76d-bada-497c-
b8de-e2dff0e98f39
SM_V9_PAR2      iris    exon    20397971        20398185        .
        +       .       Parent=Smp_196030.1;Name=6d3cc153-6b7b-4a7a-
ae14-cfeff1cd09f8
SM_V9_PAR2      iris    exon    20399633        20399981        .
        +       .       Parent=Smp_196030.1;Name=7542af6c-9b37-424a-
b83f-54be3da420ac
SM_V9_PAR2      iris    exon    20400110        20400556        .
        +       .
Parent=Smp_196030.1;Name=e0b99d95-945e-45aa-9760-f247eaeb3b14
SM_V9_PAR2      iris    exon    20401770        20402028        .
        +       .       Parent=Smp_196030.1;Name=fa80d74c-bb46-4903-
aa85-3d8fc5ba89c1
SM_V9_PAR2      iris    exon    20402220        20402702        .
        +       .       Parent=Smp_196030.1;Name=82f886a3-
c5e4-462b-84f0-16e5736a5b85
SM_V9_PAR2      iris    exon    20404558        20405037        .
        +       .
Parent=Smp_196030.1;Name=8fe9afc5-46e5-46ed-9d66-978f1f52f466
SM_V9_PAR2      iris    exon    20406465        20407910        .
        +       .       Parent=Smp_196030.1;Name=dcd16384-f8ed-4d05-
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b2d4-1e47433e09e7
SM_V9_PAR2      iris    CDS     20382790        20382940        .
        +       0       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20383476        20383841        .
        +       2       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20384840        20385126        .
        +       2       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20387720        20387908        .
        +       0       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20390492        20390660        .
        +       0       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20397971        20398185        .
        +       2       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20399633        20399981        .
        +       0       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20400110        20400556        .
        +       2       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20401770        20402028        .
        +       2       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20402220        20402702        .
        +       1       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20404558        20405037        .
        +       1       Parent=Smp_196030.1
SM_V9_PAR2      iris    CDS     20406465        20406654        .
        +       1       Parent=Smp_196030.1
SM_V9_PAR2      Liftoff gene    20446291        20488865        .
        -       .
ID=Smp_244240;geneID=Smp_244240;previous_systematic_id=Smp_080820,Sm
p_132220
SM_V9_PAR2      Liftoff mRNA    20446291        20488865        .
        -       .
ID=Smp_244240.1;Parent=Smp_244240;geneID=Smp_244240;product=Gonadotr
opin-releasing hormone
receptor;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_PAR2      Liftoff exon    20446291        20447235        .
        -       .       Parent=Smp_244240.1
SM_V9_PAR2      Liftoff exon    20488023        20488865        .
        -       .       Parent=Smp_244240.1
SM_V9_PAR2      Liftoff CDS     20446635        20447235        .
        -       1       Parent=Smp_244240.1
SM_V9_PAR2      Liftoff CDS     20488023        20488735        .
        -       0       Parent=Smp_244240.1
SM_V9_PAR2      iris    gene    20520219        20532396        .
        +       .
ID=Smp_180390;geneID=Smp_180390;gene_name=Smp_180390;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    20520219        20532396        .
        +       .
ID=Smp_180390.1;Parent=Smp_180390;geneID=Smp_180390;gene_name=Smp_18
0390;owner=irisadmin@local.host;orig_id=Smp_180390.2;date_last_modif
ied=2022-07-19;Name=Smp_180390.1;product=Mitochondrial carrier
homolog 2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    20520219        20520262        .
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        +       .       Parent=Smp_180390.1;Name=253562f9-259c-46fe-
ab9f-559ba7327a66
SM_V9_PAR2      iris    exon    20522616        20522718        .
        +       .       Parent=Smp_180390.1;Name=1ea313be-3632-4fdb-
afca-f16fd1a16943
SM_V9_PAR2      iris    exon    20522752        20522851        .
        +       .       Parent=Smp_180390.1;Name=1739eb13-c85b-4fd8-
a79e-99515b2aadf6
SM_V9_PAR2      iris    exon    20522889        20522998        .
        +       .       Parent=Smp_180390.1;Name=e35d61ec-bb05-40ac-
b0d0-76deeb7df4d0
SM_V9_PAR2      iris    exon    20523037        20523111        .
        +       .       Parent=Smp_180390.1;Name=bd26ee88-8cab-41c1-
be9a-fc1fcebf0738
SM_V9_PAR2      iris    exon    20523155        20523212        .
        +       .       Parent=Smp_180390.1;Name=13625c41-5798-406c-
a3f0-2759b293fabd
SM_V9_PAR2      iris    exon    20523252        20523303        .
        +       .
Parent=Smp_180390.1;Name=087950f8-0266-4427-8f0a-f25951507d17
SM_V9_PAR2      iris    exon    20523352        20523411        .
        +       .       Parent=Smp_180390.1;Name=a0475a77-648c-490b-
b7eb-3d28ee07db69
SM_V9_PAR2      iris    exon    20523444        20523579        .
        +       .
Parent=Smp_180390.1;Name=031a9e3c-6766-4634-8560-8b4fda5be94b
SM_V9_PAR2      iris    exon    20525422        20525489        .
        +       .       Parent=Smp_180390.1;Name=c0189b6b-
bd90-41ca-8a1c-fdb19bb007e9
SM_V9_PAR2      iris    exon    20528173        20528233        .
        +       .
Parent=Smp_180390.1;Name=ae71c747-5e69-4827-8b93-a4033a0b1cee
SM_V9_PAR2      iris    exon    20531248        20532396        .
        +       .       Parent=Smp_180390.1;Name=cc76c8e2-
b772-4d3f-81ca-98c060f59a8f
SM_V9_PAR2      iris    CDS     20522626        20522718        .
        +       0       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20522752        20522851        .
        +       0       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20522889        20522998        .
        +       2       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20523037        20523111        .
        +       0       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20523155        20523212        .
        +       0       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20523252        20523303        .
        +       2       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20523352        20523411        .
        +       1       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20523444        20523579        .
        +       1       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20525422        20525489        .
        +       0       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20528173        20528233        .
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        +       1       Parent=Smp_180390.1
SM_V9_PAR2      iris    CDS     20531248        20531328        .
        +       0       Parent=Smp_180390.1
SM_V9_PAR2      Liftoff gene    20532679        20535912        .
        +       .       ID=Smp_104270;geneID=Smp_104270
SM_V9_PAR2      Liftoff mRNA    20532679        20535912        .
        +       .
ID=Smp_104270.1;Parent=Smp_104270;geneID=Smp_104270;product=Bis(5'-
adenosyl)-triphosphatase
enpp4;polypeptide_domain=InterPro:IPR002591,IPR017849,IPR017850
Pfam:PF01663;Ontology_term=GO:0003824,GO:0008152
SM_V9_PAR2      Liftoff exon    20532679        20534164        .
        +       .       Parent=Smp_104270.1
SM_V9_PAR2      Liftoff exon    20535116        20535301        .
        +       .       Parent=Smp_104270.1
SM_V9_PAR2      Liftoff exon    20535416        20535912        .
        +       .       Parent=Smp_104270.1
SM_V9_PAR2      Liftoff CDS     20533123        20534164        .
        +       0       Parent=Smp_104270.1
SM_V9_PAR2      Liftoff CDS     20535116        20535301        .
        +       2       Parent=Smp_104270.1
SM_V9_PAR2      Liftoff CDS     20535416        20535831        .
        +       2       Parent=Smp_104270.1
SM_V9_PAR2      Liftoff gene    20537960        20565665        .
        -       .       ID=Smp_180380;geneID=Smp_180380
SM_V9_PAR2      Liftoff mRNA    20537960        20565665        .
        -       .
ID=Smp_180380.1;Parent=Smp_180380;geneID=Smp_180380;product=Origin
recognition complex subunit
1;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR011991,IPR01516
3,IPR027417 Pfam:PF00004,PF09079;Ontology_term=GO:0005524
SM_V9_PAR2      Liftoff exon    20537960        20538749        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20539226        20539541        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20548143        20548523        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20551271        20551454        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20551956        20552054        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20552333        20552412        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20554282        20554462        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20556395        20556428        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20563056        20563136        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff exon    20563170        20565665        .
        -       .       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20538583        20538749        .
        -       2       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20539226        20539541        .
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        -       0       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20548143        20548523        .
        -       0       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20551271        20551454        .
        -       1       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20551956        20552054        .
        -       1       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20552333        20552412        .
        -       0       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20554282        20554462        .
        -       1       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20556395        20556428        .
        -       2       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20563056        20563136        .
        -       2       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff CDS     20563170        20563356        .
        -       0       Parent=Smp_180380.1
SM_V9_PAR2      Liftoff gene    20574759        20576416        .
        +       .       ID=Smp_180370;geneID=Smp_180370
SM_V9_PAR2      Liftoff mRNA    20574759        20576416        .
        +       .
ID=Smp_180370.1;Parent=Smp_180370;geneID=Smp_180370;product=Nucleola
r protein
10;polypeptide_domain=InterPro:IPR011042,IPR015943,IPR017986;Ontolog
y_term=GO:0005515
SM_V9_PAR2      Liftoff exon    20574759        20576416        .
        +       .       Parent=Smp_180370.1
SM_V9_PAR2      Liftoff CDS     20574799        20576361        .
        +       0       Parent=Smp_180370.1
SM_V9_PAR2      Liftoff gene    20576459        20584397        .
        +       .       ID=Smp_180360;geneID=Smp_180360
SM_V9_PAR2      Liftoff mRNA    20576459        20584397        .
        +       .
ID=Smp_180360.1;Parent=Smp_180360;geneID=Smp_180360;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR024661
Pfam:PF11705;Ontology_term=GO:0003899,GO:0006383
SM_V9_PAR2      Liftoff exon    20576459        20576708        .
        +       .       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff exon    20579272        20579495        .
        +       .       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff exon    20581699        20581871        .
        +       .       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff exon    20583899        20584397        .
        +       .       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff CDS     20576469        20576708        .
        +       0       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff CDS     20579272        20579495        .
        +       0       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff CDS     20581699        20581871        .
        +       1       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff CDS     20583899        20584128        .
        +       2       Parent=Smp_180360.1
SM_V9_PAR2      Liftoff gene    20586057        20610393        .
        -       .       ID=Smp_104210;geneID=Smp_104210
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SM_V9_PAR2	Liftoff	mRNA	20586057	20610393	.
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ID=Smp_104210.1;Parent=Smp_104210;geneID=Smp_104210;product=RHO G-
protein coupled receptor;evidence=Traceable Author
Statement;literature=PMID:11166392 PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452,IPR027
430 Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_PAR2	Liftoff	exon	20586057	20586301	.
	-	.	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	exon	20596636	20596910	.
	-	.	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	exon	20598201	20598431	.
	-	.	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	exon	20601143	20601346	.
	-	.	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	exon	20602137	20602273	.
	-	.	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	exon	20603051	20610393	.
	-	.	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	CDS	20586191	20586301	.
	-	0	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	CDS	20596636	20596910	.
	-	2	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	CDS	20598201	20598431	.
	-	2	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	CDS	20601143	20601346	.
	-	2	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	CDS	20602137	20602273	.
	-	1	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	CDS	20603051	20603238	.
	-	0	Parent=Smp_104210.1
SM_V9_PAR2	Liftoff	gene	20592803	20640347	.
	+	.	ID=Smp_180350;geneID=Smp_180350
SM_V9_PAR2	Liftoff	mRNA	20592803	20640347	.
	+	.
ID=Smp_180350.1;Parent=Smp_180350;geneID=Smp_180350;product=opsin
receptor;evidence=Traceable Author
Statement;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR001760,IPR017
452,IPR027430
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0007601,GO:00160
21
SM_V9_PAR2	Liftoff	exon	20592803	20625863	.
	+	.	Parent=Smp_180350.1
SM_V9_PAR2	Liftoff	exon	20629803	20629939	.
	+	.	Parent=Smp_180350.1
SM_V9_PAR2	Liftoff	exon	20632994	20633197	.
	+	.	Parent=Smp_180350.1
SM_V9_PAR2	Liftoff	exon	20635125	20635361	.
	+	.	Parent=Smp_180350.1
SM_V9_PAR2	Liftoff	exon	20636237	20636502	.
	+	.	Parent=Smp_180350.1
SM_V9_PAR2	Liftoff	exon	20640077	20640347	.
	+	.	Parent=Smp_180350.1
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SM_V9_PAR2      Liftoff CDS     20625676        20625863        .
        +       0       Parent=Smp_180350.1
SM_V9_PAR2      Liftoff CDS     20629803        20629939        .
        +       1       Parent=Smp_180350.1
SM_V9_PAR2      Liftoff CDS     20632994        20633197        .
        +       2       Parent=Smp_180350.1
SM_V9_PAR2      Liftoff CDS     20635125        20635361        .
        +       2       Parent=Smp_180350.1
SM_V9_PAR2      Liftoff CDS     20636237        20636502        .
        +       2       Parent=Smp_180350.1
SM_V9_PAR2      Liftoff CDS     20640077        20640130        .
        +       0       Parent=Smp_180350.1
SM_V9_PAR2      Liftoff mRNA    20615447        20640347        .
        +       .
ID=Smp_180350.2;Parent=Smp_180350;geneID=Smp_180350;product=Rhodopsi
n;polypeptide_domain=InterPro:IPR000276,IPR001760,IPR017452,IPR02743
0
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0007601,GO:00160
21
SM_V9_PAR2      Liftoff exon    20615447        20625863        .
        +       .       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff exon    20629803        20629939        .
        +       .       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff exon    20632994        20633197        .
        +       .       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff exon    20635125        20635361        .
        +       .       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff exon    20636237        20636502        .
        +       .       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff exon    20640077        20640347        .
        +       .       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff CDS     20625676        20625863        .
        +       0       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff CDS     20629803        20629939        .
        +       1       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff CDS     20632994        20633197        .
        +       2       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff CDS     20635125        20635361        .
        +       2       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff CDS     20636237        20636502        .
        +       2       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff CDS     20640077        20640130        .
        +       0       Parent=Smp_180350.2
SM_V9_PAR2      Liftoff gene    20654860        20672973        .
        -       .       ID=Smp_180030;geneID=Smp_180030
SM_V9_PAR2      Liftoff mRNA    20654860        20672973        .
        -       .
ID=Smp_180030.1;Parent=Smp_180030;geneID=Smp_180030;product=Rhodopsi
n;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452,IPR027
430 Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_PAR2      Liftoff exon    20654860        20654968        .
        -       .       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff exon    20658084        20658382        .
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        -       .       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff exon    20662270        20662500        .
        -       .       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff exon    20664295        20664489        .
        -       .       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff exon    20666657        20666793        .
        -       .       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff exon    20671788        20672973        .
        -       .       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff CDS     20654960        20654968        .
        -       0       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff CDS     20658084        20658382        .
        -       2       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff CDS     20662270        20662500        .
        -       2       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff CDS     20664295        20664489        .
        -       2       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff CDS     20666657        20666793        .
        -       1       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff CDS     20671788        20672008        .
        -       0       Parent=Smp_180030.1
SM_V9_PAR2      Liftoff gene    20683667        20684485        .
        +       .       ID=Smp_103710;geneID=Smp_103710
SM_V9_PAR2      Liftoff mRNA    20683667        20684485        .
        +       .
ID=Smp_103710.1;Parent=Smp_103710;geneID=Smp_103710;product=SUMO
conjugating enzyme UBC9;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR000608,IPR016135,IPR023313
Pfam:PF00179
SM_V9_PAR2      Liftoff exon    20683667        20683873        .
        +       .       Parent=Smp_103710.1
SM_V9_PAR2      Liftoff exon    20683908        20683991        .
        +       .       Parent=Smp_103710.1
SM_V9_PAR2      Liftoff exon    20684029        20684211        .
        +       .       Parent=Smp_103710.1
SM_V9_PAR2      Liftoff exon    20684247        20684485        .
        +       .       Parent=Smp_103710.1
SM_V9_PAR2      Liftoff CDS     20683790        20683873        .
        +       0       Parent=Smp_103710.1
SM_V9_PAR2      Liftoff CDS     20683908        20683991        .
        +       0       Parent=Smp_103710.1
SM_V9_PAR2      Liftoff CDS     20684029        20684211        .
        +       0       Parent=Smp_103710.1
SM_V9_PAR2      Liftoff CDS     20684247        20684396        .
        +       0       Parent=Smp_103710.1
SM_V9_PAR2      iris    gene    20690217        20698173        .
        -       .
ID=Smp_180040;geneID=Smp_180040;gene_name=Smp_180040;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    20690217        20698173        .
        -       .
ID=Smp_180040.1;Parent=Smp_180040;geneID=Smp_180040;gene_name=Smp_18
0040;owner=irisadmin@local.host;orig_id=Smp_180040.1;date_last_modif
ied=2022-08-19;Name=Smp_180040.1;product=Fructose-2,6-bisphosphatase
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TIGAR;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    20690217        20690914        .
        -       .       Parent=Smp_180040.1;Name=84a3a25e-6880-40bc-
b88f-65010cc501ba
SM_V9_PAR2      iris    exon    20694021        20694245        .
        -       .
Parent=Smp_180040.1;Name=43a94256-7133-487c-8acc-da3bcc5cd4bd
SM_V9_PAR2      iris    exon    20695374        20695493        .
        -       .
Parent=Smp_180040.1;Name=3c6b0c15-8bfe-447c-8988-6e86f5efa70e
SM_V9_PAR2      iris    exon    20695534        20695593        .
        -       .       Parent=Smp_180040.1;Name=a3ed5646-0022-4190-
b5aa-a1e62a51ffdc
SM_V9_PAR2      iris    exon    20697623        20697741        .
        -       .
Parent=Smp_180040.1;Name=6d57a474-2681-43e1-8af2-7bb0d533f414
SM_V9_PAR2      iris    exon    20697779        20697816        .
        -       .       Parent=Smp_180040.1;Name=4673be99-
ec86-4fb3-8abc-07693851bc73
SM_V9_PAR2      iris    exon    20697851        20697931        .
        -       .       Parent=Smp_180040.1;Name=05344355-7510-4434-
b7ce-64bded36bfa3
SM_V9_PAR2      iris    exon    20697981        20698060        .
        -       .       Parent=Smp_180040.1;Name=2d034c75-6956-4add-
a3f8-11f3665e031b
SM_V9_PAR2      iris    exon    20698141        20698173        .
        -       .       Parent=Smp_180040.1;Name=be74d564-
f6a3-4517-9ad0-9a9138823937
SM_V9_PAR2      iris    CDS     20690441        20690914        .
        -       0       Parent=Smp_180040.1
SM_V9_PAR2      iris    CDS     20694021        20694245        .
        -       0       Parent=Smp_180040.1
SM_V9_PAR2      iris    CDS     20695374        20695493        .
        -       0       Parent=Smp_180040.1
SM_V9_PAR2      iris    CDS     20695534        20695593        .
        -       0       Parent=Smp_180040.1
SM_V9_PAR2      iris    CDS     20697623        20697741        .
        -       2       Parent=Smp_180040.1
SM_V9_PAR2      iris    CDS     20697779        20697816        .
        -       1       Parent=Smp_180040.1
SM_V9_PAR2      iris    CDS     20697851        20697894        .
        -       0       Parent=Smp_180040.1
SM_V9_PAR2      Liftoff gene    20708814        20709218        .
        +       .       ID=Smp_186920;geneID=Smp_186920
SM_V9_PAR2      Liftoff mRNA    20708814        20709218        .
        +       .
ID=Smp_186920.1;Parent=Smp_186920;geneID=Smp_186920;product=Meiotic
sister-chromatid recombination protein 6, mitochondrial
SM_V9_PAR2      Liftoff exon    20708814        20709218        .
        +       .       Parent=Smp_186920.1
SM_V9_PAR2      Liftoff CDS     20708814        20709218        .
        +       0       Parent=Smp_186920.1
SM_V9_PAR2      Liftoff gene    20712827        20725767        .
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ID=Smp_198420;geneID=Smp_198420;previous_systematic_id=Smp_080740
SM_V9_PAR2      Liftoff mRNA    20712827        20725767        .
        +       .
ID=Smp_198420.1;Parent=Smp_198420;geneID=Smp_198420;product=Eukaryot
ic translation initiation factor
6;polypeptide_domain=InterPro:IPR002769
Pfam:PF01912;Ontology_term=GO:0042256,GO:0043022
SM_V9_PAR2      Liftoff exon    20712827        20712973        .
        +       .       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff exon    20713010        20713095        .
        +       .       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff exon    20721112        20721287        .
        +       .       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff exon    20723163        20723441        .
        +       .       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff exon    20723617        20723696        .
        +       .       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff exon    20725287        20725767        .
        +       .       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff CDS     20712867        20712973        .
        +       0       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff CDS     20713010        20713095        .
        +       1       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff CDS     20721112        20721287        .
        +       2       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff CDS     20723163        20723441        .
        +       0       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff CDS     20723617        20723696        .
        +       0       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff CDS     20725287        20725296        .
        +       1       Parent=Smp_198420.1
SM_V9_PAR2      Liftoff gene    20726796        20849193        .
        -       .
ID=Smp_244250;geneID=Smp_244250;previous_systematic_id=Smp_167820,Sm
p_198430
SM_V9_PAR2      Liftoff mRNA    20726796        20849193        .
        -       .
ID=Smp_244250.1;Parent=Smp_244250;geneID=Smp_244250;product=Solute
carrier family 12 member
5;polypeptide_domain=InterPro:IPR000076,IPR004841,IPR018491
Pfam:PF00324,PF03522;Ontology_term=GO:0005215,GO:0006810,GO:0006811,
GO:0015379,GO:0016020,GO:0016021,GO:0055085
SM_V9_PAR2      Liftoff exon    20726796        20728914        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20730309        20730640        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20732406        20732672        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20733633        20733934        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20734924        20735036        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20742100        20742262        .
        -       .       Parent=Smp_244250.1
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SM_V9_PAR2      Liftoff exon    20747381        20747580        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20757191        20757310        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20764501        20764599        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20779318        20779492        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20802297        20802415        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20805335        20805392        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20807473        20807571        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20810332        20810484        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20820800        20821008        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20826867        20827096        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20829597        20829782        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20844565        20844711        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20846182        20846307        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20846829        20846905        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff exon    20849016        20849193        .
        -       .       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20728689        20728914        .
        -       1       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20730309        20730640        .
        -       0       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20732406        20732672        .
        -       0       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20733633        20733934        .
        -       2       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20734924        20735036        .
        -       1       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20742100        20742262        .
        -       2       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20747381        20747580        .
        -       1       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20757191        20757310        .
        -       1       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20764501        20764599        .
        -       1       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20779318        20779492        .
        -       2       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20802297        20802415        .
        -       1       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20805335        20805392        .
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SM_V9_PAR2      Liftoff CDS     20807473        20807571        .
        -       2       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20810332        20810484        .
        -       2       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20820800        20821008        .
        -       1       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20826867        20827096        .
        -       0       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20829597        20829782        .
        -       0       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20844565        20844711        .
        -       0       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20846182        20846307        .
        -       0       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20846829        20846905        .
        -       2       Parent=Smp_244250.1
SM_V9_PAR2      Liftoff CDS     20849016        20849121        .
        -       0       Parent=Smp_244250.1
SM_V9_PAR2      iris    gene    20859697        20890341        .
        +       .
ID=Smp_167810;geneID=Smp_167810;gene_name=Smp_167810;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    20859697        20890341        .
        +       .
ID=Smp_167810.1;Parent=Smp_167810;geneID=Smp_167810;gene_name=Smp_16
7810;owner=irisadmin@local.host;orig_id=Smp_167810.2;date_last_modif
ied=2022-07-19;Name=Smp_167810.1;product=Separin;date_creation=2022-
07-19
SM_V9_PAR2      iris    exon    20859697        20859774        .
        +       .       Parent=Smp_167810.1;Name=6d4b2e77-b634-4140-
bcd4-8af9867a5b85
SM_V9_PAR2      iris    exon    20859808        20860059        .
        +       .
Parent=Smp_167810.1;Name=21cf2c80-9855-4470-8aba-9ce4537f0f1b
SM_V9_PAR2      iris    exon    20861931        20862239        .
        +       .       Parent=Smp_167810.1;Name=74feb724-2b20-4d1f-
bf2f-f1f846781844
SM_V9_PAR2      iris    exon    20869530        20869980        .
        +       .       Parent=Smp_167810.1;Name=b0b4a6a2-fd2d-47f8-
ae3c-9e7ba816539e
SM_V9_PAR2      iris    exon    20874264        20874420        .
        +       .
Parent=Smp_167810.1;Name=514fd7b2-6c15-4886-88ef-55274f88e119
SM_V9_PAR2      iris    exon    20874557        20875292        .
        +       .       Parent=Smp_167810.1;Name=72ce146e-
aa91-4e60-913d-a7b11e3134b5
SM_V9_PAR2      iris    exon    20876794        20877055        .
        +       .       Parent=Smp_167810.1;Name=cb0cde28-e485-4135-
a7a0-b9d7a69aad7b
SM_V9_PAR2      iris    exon    20878284        20878504        .
        +       .       Parent=Smp_167810.1;Name=a237669b-
d3ad-4a14-90ee-c2fe311a106c
SM_V9_PAR2      iris    exon    20880434        20880837        .
        +       .       Parent=Smp_167810.1;Name=e96de560-
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a727-4b2d-8da1-3edc984cf5f7
SM_V9_PAR2      iris    exon    20881875        20882274        .
        +       .       Parent=Smp_167810.1;Name=38904580-
a565-4726-8ad7-fa014930f83a
SM_V9_PAR2      iris    exon    20885074        20885190        .
        +       .       Parent=Smp_167810.1;Name=a5b82b03-95de-4112-
a05e-dc7d63b376a7
SM_V9_PAR2      iris    exon    20886730        20886867        .
        +       .       Parent=Smp_167810.1;Name=9702d187-2051-44bd-
bad5-008bd32c32e4
SM_V9_PAR2      iris    exon    20888822        20889174        .
        +       .
Parent=Smp_167810.1;Name=742c1873-3a8b-4f0d-808b-5a153f7a59a8
SM_V9_PAR2      iris    exon    20889410        20889574        .
        +       .
Parent=Smp_167810.1;Name=f0e6a58a-0ef1-4b30-8c47-3f80cc0e0a41
SM_V9_PAR2      iris    exon    20889874        20890341        .
        +       .       Parent=Smp_167810.1;Name=c401a73a-b659-4163-
ae5d-4ac2b140ab6b
SM_V9_PAR2      iris    CDS     20859724        20859774        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20859808        20860059        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20861931        20862239        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20869530        20869980        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20874264        20874420        .
        +       2       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20874557        20875292        .
        +       1       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20876794        20877055        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20878284        20878504        .
        +       2       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20880434        20880837        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20881875        20882274        .
        +       1       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20885074        20885190        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20886730        20886867        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20888822        20889174        .
        +       0       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20889410        20889574        .
        +       1       Parent=Smp_167810.1
SM_V9_PAR2      iris    CDS     20889874        20890144        .
        +       1       Parent=Smp_167810.1
SM_V9_PAR2      iris    gene    20900417        20915905        .
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ID=Smp_084140;geneID=Smp_084140;gene_name=Smp_084140;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    20900417        20915905        .
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ID=Smp_084140.1;Parent=Smp_084140;geneID=Smp_084140;gene_name=Smp_08
4140;owner=irisadmin@local.host;orig_id=Smp_084140.2;date_last_modif
ied=2022-07-19;Name=Smp_084140.1;product=NAD-dependent protein
deacetylase Sirt2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    20900417        20900764        .
        +       .       Parent=Smp_084140.1;Name=b4d29742-984a-4978-
a58c-448eafa888fd
SM_V9_PAR2      iris    exon    20900797        20900868        .
        +       .       Parent=Smp_084140.1;Name=155e5cf7-1a20-4a60-
a23e-376d678547d2
SM_V9_PAR2      iris    exon    20901873        20901979        .
        +       .       Parent=Smp_084140.1;Name=a939713e-49a8-48c9-
abd9-dc200d11c540
SM_V9_PAR2      iris    exon    20902026        20902082        .
        +       .       Parent=Smp_084140.1;Name=dece94af-5deb-4273-
afc2-09ee985545a9
SM_V9_PAR2      iris    exon    20902118        20902186        .
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Parent=Smp_084140.1;Name=d78205f6-4d14-4e25-88e3-0de6cf56c906
SM_V9_PAR2      iris    exon    20902226        20902349        .
        +       .       Parent=Smp_084140.1;Name=98b79823-67a3-43e0-
b2f2-5fef07a14299
SM_V9_PAR2      iris    exon    20902393        20902452        .
        +       .       Parent=Smp_084140.1;Name=46daa1c9-6b4b-4d11-
b41a-4f10b9d37175
SM_V9_PAR2      iris    exon    20902486        20902541        .
        +       .       Parent=Smp_084140.1;Name=4cae00be-320f-4220-
ae2f-1193c064b670
SM_V9_PAR2      iris    exon    20907575        20907715        .
        +       .
Parent=Smp_084140.1;Name=27c6ce10-9931-4013-8aa9-24f4d5ccf380
SM_V9_PAR2      iris    exon    20913356        20913457        .
        +       .       Parent=Smp_084140.1;Name=d69c2ff6-
da22-4d17-88aa-34717ae3ca4b
SM_V9_PAR2      iris    exon    20915527        20915905        .
        +       .
Parent=Smp_084140.1;Name=0b45ee7c-5614-44b1-917c-1c1b0dfbebe8
SM_V9_PAR2      iris    CDS     20900680        20900764        .
        +       0       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20900797        20900868        .
        +       2       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20901873        20901979        .
        +       2       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20902026        20902082        .
        +       0       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20902118        20902186        .
        +       0       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20902226        20902349        .
        +       0       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20902393        20902452        .
        +       2       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20902486        20902541        .
        +       2       Parent=Smp_084140.1
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SM_V9_PAR2      iris    CDS     20907575        20907715        .
        +       0       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20913356        20913457        .
        +       0       Parent=Smp_084140.1
SM_V9_PAR2      iris    CDS     20915527        20915619        .
        +       0       Parent=Smp_084140.1
SM_V9_PAR2      Liftoff gene    20943788        20977782        .
        +       .       ID=Smp_167800;geneID=Smp_167800
SM_V9_PAR2      Liftoff mRNA    20943788        20977782        .
        +       .
ID=Smp_167800.1;Parent=Smp_167800;geneID=Smp_167800;product=Zinc
finger CCHC domain-containing protein
7;polypeptide_domain=InterPro:IPR001878;Ontology_term=GO:0003676,GO:
0008270
SM_V9_PAR2      Liftoff exon    20943788        20951745        .
        +       .       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff exon    20962765        20962929        .
        +       .       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff exon    20968280        20968315        .
        +       .       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff exon    20971052        20971138        .
        +       .       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff exon    20973145        20973514        .
        +       .       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff exon    20973938        20974181        .
        +       .       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff exon    20975508        20977782        .
        +       .       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff CDS     20951143        20951745        .
        +       0       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff CDS     20962765        20962929        .
        +       0       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff CDS     20968280        20968315        .
        +       0       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff CDS     20971052        20971138        .
        +       0       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff CDS     20973145        20973514        .
        +       0       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff CDS     20973938        20974181        .
        +       2       Parent=Smp_167800.1
SM_V9_PAR2      Liftoff CDS     20975508        20975622        .
        +       1       Parent=Smp_167800.1
SM_V9_PAR2      iris    gene    20986088        21108408        .
        +       .
ID=Smp_244190;geneID=Smp_244190;gene_name=Smp_244190;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    20986088        21108408        .
        +       .
ID=Smp_244190.1;Parent=Smp_244190;geneID=Smp_244190;gene_name=Smp_24
4190;owner=irisadmin@local.host;orig_id=Smp_244190.1;date_last_modif
ied=2022-07-19;Name=Smp_244190.1;product=Multiple epidermal growth
factor-like domains protein 10;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    20986088        20986756        .
        +       .       Parent=Smp_244190.1;Name=26fea322-73ce-42b8-
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bda6-3c259548cf9a
SM_V9_PAR2      iris    exon    21058183        21058333        .
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Parent=Smp_244190.1;Name=a331120f-9b27-49a6-92f3-03b36139f901
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        +       .       Parent=Smp_244190.1;Name=4357f4fe-b0a2-4eee-
bca4-e7841b48230a
SM_V9_PAR2      iris    exon    21071865        21071993        .
        +       .       Parent=Smp_244190.1;Name=dd525bd7-457c-42f7-
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        +       .       Parent=Smp_244190.1;Name=8febd91f-ef33-4f39-
a325-ef9dac24ae20
SM_V9_PAR2      iris    exon    21077875        21077975        .
        +       .       Parent=Smp_244190.1;Name=7d6994d7-f6f1-47a2-
b5b1-0670d2a6730e
SM_V9_PAR2      iris    exon    21078967        21079209        .
        +       .       Parent=Smp_244190.1;Name=e21a2b8c-7fc9-482d-
bbe7-3e2f9632d892
SM_V9_PAR2      iris    exon    21080690        21080860        .
        +       .       Parent=Smp_244190.1;Name=35feaaae-de3a-4a07-
a4fa-ca5196ab30d9
SM_V9_PAR2      iris    exon    21082254        21082636        .
        +       .
Parent=Smp_244190.1;Name=512b4acc-42de-4725-83a6-c7545f8a4037
SM_V9_PAR2      iris    exon    21087286        21087419        .
        +       .       Parent=Smp_244190.1;Name=a4292c72-d953-44a1-
ae39-87fb7d59cfcc
SM_V9_PAR2      iris    exon    21089486        21089640        .
        +       .       Parent=Smp_244190.1;Name=6fffb0de-430e-4227-
bb92-f1700c7d6cfd
SM_V9_PAR2      iris    exon    21092481        21092583        .
        +       .       Parent=Smp_244190.1;Name=c839b9de-
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SM_V9_PAR2      iris    exon    21094431        21094596        .
        +       .       Parent=Smp_244190.1;Name=2b42f32d-39c9-4ef7-
b2a2-7e0627428194
SM_V9_PAR2      iris    exon    21102380        21102559        .
        +       .
Parent=Smp_244190.1;Name=97ae54a4-9dbe-4520-96d3-b6fd75537c67
SM_V9_PAR2      iris    exon    21103380        21103398        .
        +       .       Parent=Smp_244190.1;Name=5b871189-7e55-47ea-
accf-e5036964d93d
SM_V9_PAR2      iris    exon    21106816        21108408        .
        +       .       Parent=Smp_244190.1;Name=cc5c6710-7b74-400a-
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SM_V9_PAR2      iris    CDS     21058225        21058333        .
        +       0       Parent=Smp_244190.1
SM_V9_PAR2      iris    CDS     21068815        21068952        .
        +       2       Parent=Smp_244190.1
SM_V9_PAR2      iris    CDS     21071865        21071993        .
        +       2       Parent=Smp_244190.1
SM_V9_PAR2      iris    CDS     21073734        21073839        .
        +       2       Parent=Smp_244190.1
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SM_V9_PAR2	iris	CDS	21077875	21077975	.
	+	1	Parent=Smp_244190.1
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	+	2	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21080690	21080860	.
	+	2	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21082254	21082636	.
	+	2	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21087286	21087419	.
	+	0	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21089486	21089640	.
	+	1	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21092481	21092583	.
	+	2	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21094431	21094596	.
	+	1	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21102380	21102559	.
	+	0	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21103380	21103398	.
	+	0	Parent=Smp_244190.1
SM_V9_PAR2	iris	CDS	21106816	21108212	.
	+	2	Parent=Smp_244190.1
SM_V9_PAR2	Liftoff	gene	21147035	21148547	.
	-	.	ID=Smp_167780;geneID=Smp_167780
SM_V9_PAR2	Liftoff	mRNA	21147035	21148547	.
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lysine N-methyltransferase ASH1L
SM_V9_PAR2	Liftoff	exon	21147035	21147090	.
	-	.	Parent=Smp_167780.1
SM_V9_PAR2	Liftoff	exon	21148056	21148336	.
	-	.	Parent=Smp_167780.1
SM_V9_PAR2	Liftoff	exon	21148369	21148547	.
	-	.	Parent=Smp_167780.1
SM_V9_PAR2	Liftoff	CDS	21147035	21147090	.
	-	2	Parent=Smp_167780.1
SM_V9_PAR2	Liftoff	CDS	21148056	21148336	.
	-	1	Parent=Smp_167780.1
SM_V9_PAR2	Liftoff	CDS	21148369	21148547	.
	-	0	Parent=Smp_167780.1
SM_V9_PAR2	Liftoff	gene	21185728	21211066	.
	+	.	ID=Smp_167770;geneID=Smp_167770
SM_V9_PAR2	Liftoff	mRNA	21185728	21211066	.
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ID=Smp_167770.1;Parent=Smp_167770;geneID=Smp_167770;product=photorec
eptor specific nuclear receptor;evidence=Traceable Author
Statement;literature=PMID:16406405;polypeptide_domain=InterPro:IPR00
0536,IPR001628,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003700,GO:0005634,GO:0006355,
GO:0008270,GO:0043401,GO:0043565
SM_V9_PAR2	Liftoff	exon	21185728	21185890	.
	+	.	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	exon	21194853	21195789	.
	+	.	Parent=Smp_167770.1
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SM_V9_PAR2	Liftoff	exon	21196777	21196880	.
	+	.	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	exon	21198799	21199968	.
	+	.	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	exon	21202727	21203229	.
	+	.	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	exon	21204953	21205120	.
	+	.	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	exon	21208575	21208732	.
	+	.	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	exon	21210951	21211066	.
	+	.	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21185854	21185890	.
	+	0	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21194853	21195789	.
	+	2	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21196777	21196880	.
	+	1	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21198799	21199968	.
	+	2	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21202727	21203229	.
	+	2	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21204953	21205120	.
	+	0	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21208575	21208732	.
	+	0	Parent=Smp_167770.1
SM_V9_PAR2	Liftoff	CDS	21210951	21211041	.
	+	1	Parent=Smp_167770.1
SM_V9_PAR2	iris	gene	21230281	21277686	.
	+	.
ID=Smp_084090;geneID=Smp_084090;gene_name=Smp_084090;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2	iris	mRNA	21230281	21277686	.
	+	.
ID=Smp_084090.1;Parent=Smp_084090;geneID=Smp_084090;gene_name=Smp_08
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ied=2022-08-19;Name=Smp_084090.1;product=Junctophilin-3;date_creatio
n=2022-08-19
SM_V9_PAR2	iris	exon	21230281	21231114	.
	+	.	Parent=Smp_084090.1;Name=326b87b7-5878-489f-
ab0c-522824686259
SM_V9_PAR2	iris	exon	21255108	21256053	.
	+	.	Parent=Smp_084090.1;Name=68791ab5-5c0c-4596-
b715-1b644bc9230c
SM_V9_PAR2	iris	exon	21257960	21258078	.
	+	.	Parent=Smp_084090.1;Name=3fac5153-1978-4f8b-
b758-ee24a6c9aa86
SM_V9_PAR2	iris	exon	21260858	21261192	.
	+	.	Parent=Smp_084090.1;Name=1b037333-
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SM_V9_PAR2	iris	exon	21267624	21268618	.
	+	.	Parent=Smp_084090.1;Name=981de139-8205-4c3a-
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SM_V9_PAR2	iris	exon	21273098	21273473	.
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Parent=Smp_084090.1;Name=31e42ba1-0825-4626-8127-b9e1e8b00e13
SM_V9_PAR2      iris    exon    21276225        21277686        .
        +       .       Parent=Smp_084090.1;Name=acf9511c-5324-4d78-
b70e-7d603f929f86
SM_V9_PAR2      iris    CDS     21230721        21231114        .
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SM_V9_PAR2      iris    CDS     21255108        21256053        .
        +       2       Parent=Smp_084090.1
SM_V9_PAR2      iris    CDS     21257960        21258078        .
        +       1       Parent=Smp_084090.1
SM_V9_PAR2      iris    CDS     21260858        21261192        .
        +       2       Parent=Smp_084090.1
SM_V9_PAR2      iris    CDS     21267624        21268618        .
        +       0       Parent=Smp_084090.1
SM_V9_PAR2      iris    CDS     21273098        21273473        .
        +       1       Parent=Smp_084090.1
SM_V9_PAR2      iris    CDS     21276225        21276470        .
        +       0       Parent=Smp_084090.1
SM_V9_PAR2      iris    gene    21282702        21299164        .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    21282702        21299164        .
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4080;owner=irisadmin@local.host;orig_id=Smp_084080.1;date_last_modif
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isomerase CWC27 homolog;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    21282702        21283317        .
        -       .       Parent=Smp_084080.1;Name=5927ea1d-ce4a-4725-
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SM_V9_PAR2      iris    exon    21285802        21285923        .
        -       .       Parent=Smp_084080.1;Name=de6dd5c4-
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SM_V9_PAR2      iris    exon    21287620        21287902        .
        -       .       Parent=Smp_084080.1;Name=edf46a82-
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SM_V9_PAR2      iris    exon    21289002        21289198        .
        -       .       Parent=Smp_084080.1;Name=ffe20f75-8e9b-4115-
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SM_V9_PAR2      iris    exon    21289329        21289398        .
        -       .       Parent=Smp_084080.1;Name=4db2d88d-28c7-4854-
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SM_V9_PAR2      iris    exon    21295309        21295412        .
        -       .       Parent=Smp_084080.1;Name=de2a25ab-2c3a-4705-
a372-83e0fdc381c3
SM_V9_PAR2      iris    exon    21296663        21296905        .
        -       .       Parent=Smp_084080.1;Name=50081a92-6233-409f-
bf87-584b0906a41b
SM_V9_PAR2      iris    exon    21297418        21297866        .
        -       .
Parent=Smp_084080.1;Name=81925bc2-8033-4691-98b5-9e739d650fd2
SM_V9_PAR2      iris    exon    21299128        21299164        .
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        -       .       Parent=Smp_084080.1;Name=0652ee58-7dca-4aaf-
be89-7d30e02c49cd
SM_V9_PAR2      iris    CDS     21283146        21283317        .
        -       1       Parent=Smp_084080.1
SM_V9_PAR2      iris    CDS     21285802        21285923        .
        -       0       Parent=Smp_084080.1
SM_V9_PAR2      iris    CDS     21287620        21287902        .
        -       1       Parent=Smp_084080.1
SM_V9_PAR2      iris    CDS     21289002        21289198        .
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SM_V9_PAR2      iris    CDS     21289329        21289398        .
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SM_V9_PAR2      iris    CDS     21295309        21295412        .
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SM_V9_PAR2      iris    CDS     21296663        21296905        .
        -       0       Parent=Smp_084080.1
SM_V9_PAR2      iris    CDS     21297418        21297669        .
        -       0       Parent=Smp_084080.1
SM_V9_PAR2      Liftoff gene    21313885        21314414        .
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ID=Smp_345750;geneID=Smp_345750;previous_systematic_id=Smp_167760
SM_V9_PAR2      Liftoff mRNA    21313885        21314414        .
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ID=Smp_345750.1;Parent=Smp_345750;geneID=Smp_345750;product=40S
ribosomal protein S23
SM_V9_PAR2      Liftoff exon    21313885        21314184        .
        -       .       Parent=Smp_345750.1
SM_V9_PAR2      Liftoff exon    21314218        21314414        .
        -       .       Parent=Smp_345750.1
SM_V9_PAR2      Liftoff CDS     21314136        21314184        .
        -       1       Parent=Smp_345750.1
SM_V9_PAR2      Liftoff CDS     21314218        21314384        .
        -       0       Parent=Smp_345750.1
SM_V9_PAR2      Liftoff gene    21319848        21324323        .
        +       .       ID=Smp_084060;geneID=Smp_084060
SM_V9_PAR2      Liftoff mRNA    21319848        21324323        .
        +       .
ID=Smp_084060.1;Parent=Smp_084060;geneID=Smp_084060;product=Protein
FAM189B
SM_V9_PAR2      Liftoff exon    21319848        21324323        .
        +       .       Parent=Smp_084060.1
SM_V9_PAR2      Liftoff CDS     21321740        21323932        .
        +       0       Parent=Smp_084060.1
SM_V9_PAR2      Liftoff gene    21328413        21375494        .
        -       .
ID=Smp_244200;geneID=Smp_244200;previous_systematic_id=Smp_084050,Sm
p_167740,Smp_198450
SM_V9_PAR2      Liftoff mRNA    21328413        21375494        .
        -       .
ID=Smp_244200.1;Parent=Smp_244200;geneID=Smp_244200;product=ATPase
family AAA domain-containing protein 1-
B;polypeptide_domain=InterPro:IPR003593,IPR003959,IPR003960,IPR02741
7 Pfam:PF00004;Ontology_term=GO:0005524
SM_V9_PAR2      Liftoff exon    21328413        21329462        .
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        -       .       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff exon    21330775        21330980        .
        -       .       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff exon    21331386        21331567        .
        -       .       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff exon    21341239        21341347        .
        -       .       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff exon    21363392        21363709        .
        -       .       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff exon    21365587        21365703        .
        -       .       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff exon    21375046        21375494        .
        -       .       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff CDS     21329348        21329462        .
        -       1       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff CDS     21330775        21330980        .
        -       0       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff CDS     21331386        21331567        .
        -       2       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff CDS     21341239        21341347        .
        -       0       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff CDS     21363392        21363709        .
        -       0       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff CDS     21365587        21365703        .
        -       0       Parent=Smp_244200.1
SM_V9_PAR2      Liftoff CDS     21375046        21375336        .
        -       0       Parent=Smp_244200.1
SM_V9_PAR2      iris    gene    21382413        21430569        .
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ID=Smp_244210;geneID=Smp_244210;gene_name=Smp_244210;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    21382413        21430569        .
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ID=Smp_244210.1;Parent=Smp_244210;geneID=Smp_244210;gene_name=Smp_24
4210;owner=irisadmin@local.host;orig_id=Smp_244210.1;date_last_modif
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protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    21382413        21383176        .
        -       .       Parent=Smp_244210.1;Name=fe635c37-e56d-410a-
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SM_V9_PAR2      iris    exon    21383314        21383457        .
        -       .       Parent=Smp_244210.1;Name=79d98819-
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SM_V9_PAR2      iris    exon    21388141        21388309        .
        -       .
Parent=Smp_244210.1;Name=9726dd07-102b-4c4c-8640-8d9396a679e3
SM_V9_PAR2      iris    exon    21390009        21390298        .
        -       .
Parent=Smp_244210.1;Name=fd8e9a09-4337-4279-84d1-705cac8fb828
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SM_V9_PAR2      iris    exon    21395914        21396079        .
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Parent=Smp_244210.1;Name=b34f8105-5731-462c-9773-476636858d4e
SM_V9_PAR2      iris    exon    21398202        21398343        .
        -       .       Parent=Smp_244210.1;Name=24c85482-8ad9-4869-
bf18-1e3a79b5ecd6
SM_V9_PAR2      iris    exon    21400066        21400387        .
        -       .
Parent=Smp_244210.1;Name=4d2fa645-2193-47eb-98cd-dc63ed5c93b8
SM_V9_PAR2      iris    exon    21403570        21403666        .
        -       .       Parent=Smp_244210.1;Name=37e7523b-a01e-490f-
b8ee-c688e9b75057
SM_V9_PAR2      iris    exon    21408225        21408367        .
        -       .       Parent=Smp_244210.1;Name=e09d02e8-
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SM_V9_PAR2      iris    exon    21409275        21409351        .
        -       .       Parent=Smp_244210.1;Name=4e81c541-ec75-4817-
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SM_V9_PAR2      iris    exon    21410076        21410287        .
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SM_V9_PAR2      iris    exon    21413924        21414002        .
        -       .       Parent=Smp_244210.1;Name=667c3e8b-a8e7-4b87-
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SM_V9_PAR2      iris    exon    21424681        21424852        .
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SM_V9_PAR2      iris    exon    21424884        21424996        .
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Parent=Smp_244210.1;Name=e3aafdf3-703d-4c39-9a9b-83f416f31497
SM_V9_PAR2      iris    exon    21425032        21425137        .
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SM_V9_PAR2      iris    exon    21425173        21425247        .
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SM_V9_PAR2      iris    exon    21425278        21425346        .
        -       .       Parent=Smp_244210.1;Name=eedc3737-981c-40ea-
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SM_V9_PAR2      iris    exon    21425379        21425464        .
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SM_V9_PAR2      iris    exon    21430438        21430569        .
        -       .       Parent=Smp_244210.1;Name=7912cafa-df84-4818-
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SM_V9_PAR2      iris    CDS     21383314        21383457        .
        -       0       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21388141        21388309        .
        -       1       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21390009        21390298        .
        -       0       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21394610        21394799        .
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SM_V9_PAR2      iris    CDS     21395914        21396079        .
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SM_V9_PAR2      iris    CDS     21400066        21400387        .
        -       1       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21403570        21403666        .
        -       2       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21408225        21408367        .
        -       1       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21409275        21409351        .
        -       0       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21410076        21410287        .
        -       2       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21413924        21414002        .
        -       0       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21424681        21424852        .
        -       1       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21424884        21424996        .
        -       0       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21425032        21425137        .
        -       1       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21425173        21425247        .
        -       1       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21425278        21425346        .
        -       1       Parent=Smp_244210.1
SM_V9_PAR2      iris    CDS     21425379        21425455        .
        -       0       Parent=Smp_244210.1
SM_V9_PAR2      Liftoff gene    21445592        21461955        .
        -       .       ID=Smp_084010;geneID=Smp_084010
SM_V9_PAR2      Liftoff mRNA    21445592        21461955        .
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ID=Smp_084010.1;Parent=Smp_084010;geneID=Smp_084010;product=ATP
synthase subunit alpha;polypeptide_domain=InterPro:IPR000008
SM_V9_PAR2      Liftoff exon    21445592        21446648        .
        -       .       Parent=Smp_084010.1
SM_V9_PAR2      Liftoff exon    21449373        21449529        .
        -       .       Parent=Smp_084010.1
SM_V9_PAR2      Liftoff exon    21455180        21461955        .
        -       .       Parent=Smp_084010.1
SM_V9_PAR2      Liftoff CDS     21446122        21446648        .
        -       2       Parent=Smp_084010.1
SM_V9_PAR2      Liftoff CDS     21449373        21449529        .
        -       0       Parent=Smp_084010.1
SM_V9_PAR2      Liftoff CDS     21455180        21456904        .
        -       0       Parent=Smp_084010.1
SM_V9_PAR2      iris    gene    21576273        21632418        .
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ID=Smp_306450;geneID=Smp_306450;gene_name=Smp_306450;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    21576273        21632418        .
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ID=Smp_306450.1;Parent=Smp_306450;geneID=Smp_306450;gene_name=Smp_30
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ied=2022-08-19;Name=Smp_306450.1;product=Neural-
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cadherin;date_creation=2022-08-19
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b950-7d5f0c262d1d
SM_V9_PAR2      iris    exon    21581803        21581931        .
        -       .
Parent=Smp_306450.1;Name=5049c120-9544-4a7d-8b57-7c54c6cf1fe2
SM_V9_PAR2      iris    exon    21583270        21583407        .
        -       .       Parent=Smp_306450.1;Name=61e5130e-6744-453f-
b167-5b11346b1004
SM_V9_PAR2      iris    exon    21584722        21584951        .
        -       .       Parent=Smp_306450.1;Name=d5e61a74-3bc0-439d-
a15b-82e712ccfd00
SM_V9_PAR2      iris    exon    21585798        21586023        .
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f60d-44b0-9ba3-8e26eb8ea1f8
SM_V9_PAR2      iris    exon    21587322        21587440        .
        -       .
Parent=Smp_306450.1;Name=2a8d1cdc-33cf-484d-9d46-fc8a3304f792
SM_V9_PAR2      iris    exon    21590117        21590226        .
        -       .       Parent=Smp_306450.1;Name=fdeadd88-8060-4ecd-
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SM_V9_PAR2      iris    exon    21605180        21605322        .
        -       .       Parent=Smp_306450.1;Name=590026dc-913d-4c9e-
ba9a-3ae223c4e029
SM_V9_PAR2      iris    exon    21606543        21606762        .
        -       .       Parent=Smp_306450.1;Name=5e79c1c4-11c9-486d-
bbed-070c48670c2b
SM_V9_PAR2      iris    exon    21607434        21607631        .
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Parent=Smp_306450.1;Name=f3eb4615-9001-4013-9624-925345a786fc
SM_V9_PAR2      iris    exon    21609383        21609559        .
        -       .       Parent=Smp_306450.1;Name=21681ce9-3093-4129-
a4dd-c67af2336bfe
SM_V9_PAR2      iris    exon    21614102        21614294        .
        -       .       Parent=Smp_306450.1;Name=c45f2197-5648-432d-
b0fd-a2f16e789027
SM_V9_PAR2      iris    exon    21616897        21617077        .
        -       .       Parent=Smp_306450.1;Name=9ac8aaaf-7c1e-46f9-
bc19-9bbae1a4843e
SM_V9_PAR2      iris    exon    21632189        21632418        .
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SM_V9_PAR2      iris    CDS     21576742        21577049        .
        -       2       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21581803        21581931        .
        -       2       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21583270        21583407        .
        -       2       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21584722        21584951        .
        -       1       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21585798        21586023        .
        -       2       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21587322        21587440        .
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        -       0       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21605180        21605322        .
        -       2       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21606543        21606762        .
        -       0       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21607434        21607631        .
        -       0       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21609383        21609559        .
        -       0       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21614102        21614294        .
        -       1       Parent=Smp_306450.1
SM_V9_PAR2      iris    CDS     21616897        21617051        .
        -       0       Parent=Smp_306450.1
SM_V9_PAR2      iris    gene    21662259        21662985        .
        -       .
ID=Smp_055900;geneID=Smp_055900;gene_name=Smp_055900;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    21662259        21662985        .
        -       .
ID=Smp_055900.1;Parent=Smp_055900;geneID=Smp_055900;gene_name=Smp_05
5900;owner=irisadmin@local.host;orig_id=Smp_055900.1;date_last_modif
ied=2022-08-19;Name=Smp_055900.1;product=Leptin receptor overlapping
transcript-like 1;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    21662259        21662540        .
        -       .       Parent=Smp_055900.1;Name=7be76043-8e72-42b1-
a85d-39634dfb7d9c
SM_V9_PAR2      iris    exon    21662578        21662761        .
        -       .       Parent=Smp_055900.1;Name=cb0ef376-
c0ba-4966-9c3c-810f719e137e
SM_V9_PAR2      iris    exon    21662797        21662872        .
        -       .       Parent=Smp_055900.1;Name=d4b66599-199f-46e1-
ab6c-6f0fa823ac47
SM_V9_PAR2      iris    exon    21662916        21662985        .
        -       .
Parent=Smp_055900.1;Name=47d622be-5546-4126-906d-c90c9c12b18e
SM_V9_PAR2      iris    CDS     21662427        21662540        .
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SM_V9_PAR2      iris    CDS     21662578        21662761        .
        -       1       Parent=Smp_055900.1
SM_V9_PAR2      iris    CDS     21662797        21662872        .
        -       2       Parent=Smp_055900.1
SM_V9_PAR2      iris    CDS     21662916        21662931        .
        -       0       Parent=Smp_055900.1
SM_V9_PAR2      Liftoff gene    21674229        21675513        .
        +       .       ID=Smp_055890;geneID=Smp_055890
SM_V9_PAR2      Liftoff mRNA    21674229        21675513        .
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ID=Smp_055890.1;Parent=Smp_055890;geneID=Smp_055890;product=Ribonucl
eoside-diphosphate reductase subunit
M2;polypeptide_domain=InterPro:IPR000358,IPR009078,IPR030475,IPR0339
09 Pfam:PF00268;Ontology_term=GO:0009263,GO:0055114
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SM_V9_PAR2      Liftoff exon    21674343        21674372        .
        +       .       Parent=Smp_055890.1
SM_V9_PAR2      Liftoff exon    21674406        21675266        .
        +       .       Parent=Smp_055890.1
SM_V9_PAR2      Liftoff exon    21675303        21675513        .
        +       .       Parent=Smp_055890.1
SM_V9_PAR2      Liftoff CDS     21674258        21674302        .
        +       0       Parent=Smp_055890.1
SM_V9_PAR2      Liftoff CDS     21674343        21674372        .
        +       0       Parent=Smp_055890.1
SM_V9_PAR2      Liftoff CDS     21674406        21675266        .
        +       0       Parent=Smp_055890.1
SM_V9_PAR2      Liftoff CDS     21675303        21675464        .
        +       0       Parent=Smp_055890.1
SM_V9_PAR2      Liftoff gene    21680200        21696475        .
        -       .       ID=Smp_055880;geneID=Smp_055880
SM_V9_PAR2      Liftoff mRNA    21680200        21696475        .
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ID=Smp_055880.1;Parent=Smp_055880;geneID=Smp_055880;product=Charged
multivesicular body protein 1a;polypeptide_domain=InterPro:IPR005024
Pfam:PF03357;Ontology_term=GO:0007034
SM_V9_PAR2      Liftoff exon    21680200        21680639        .
        -       .       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff exon    21688529        21688650        .
        -       .       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff exon    21695639        21695842        .
        -       .       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff exon    21695872        21696018        .
        -       .       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff exon    21696074        21696151        .
        -       .       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff exon    21696193        21696475        .
        -       .       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff CDS     21680618        21680639        .
        -       1       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff CDS     21688529        21688650        .
        -       0       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff CDS     21695639        21695842        .
        -       0       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff CDS     21695872        21696018        .
        -       0       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff CDS     21696074        21696151        .
        -       0       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff CDS     21696193        21696243        .
        -       0       Parent=Smp_055880.1
SM_V9_PAR2      Liftoff mRNA    21680252        21696403        .
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ID=Smp_055880.2;Parent=Smp_055880;geneID=Smp_055880;product=Charged
multivesicular body protein 1a;polypeptide_domain=InterPro:IPR005024
Pfam:PF03357;Ontology_term=GO:0007034
SM_V9_PAR2      Liftoff exon    21680252        21680639        .
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SM_V9_PAR2      Liftoff exon    21686241        21686255        .
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        -       .       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff exon    21688529        21688650        .
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SM_V9_PAR2      Liftoff exon    21695639        21695842        .
        -       .       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff exon    21695872        21696018        .
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SM_V9_PAR2      Liftoff exon    21696074        21696151        .
        -       .       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff exon    21696193        21696403        .
        -       .       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff CDS     21680618        21680639        .
        -       1       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff CDS     21686241        21686255        .
        -       1       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff CDS     21688529        21688650        .
        -       0       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff CDS     21695639        21695842        .
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SM_V9_PAR2      Liftoff CDS     21695872        21696018        .
        -       0       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff CDS     21696074        21696151        .
        -       0       Parent=Smp_055880.2
SM_V9_PAR2      Liftoff CDS     21696193        21696243        .
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SM_V9_PAR2      iris    gene    21709017        21786307        .
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ID=Smp_055870;geneID=Smp_055870;gene_name=Smp_055870;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    21709017        21725800        .
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ID=Smp_055870.1;Parent=Smp_055870;geneID=Smp_055870;gene_name=Smp_05
5870;owner=irisadmin@local.host;orig_id=Smp_055870.1;date_last_modif
ied=2022-08-19;Name=Smp_055870.1;product=Synaptobrevin;date_creation
=2022-07-19
SM_V9_PAR2      iris    exon    21709017        21709219        .
        +       .
Parent=Smp_055870.1;Name=7d99ae6f-64bc-4d61-8200-a273b570b717
SM_V9_PAR2      iris    exon    21709256        21709352        .
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Parent=Smp_055870.1;Name=ad2d663a-2843-42df-8b79-39af13af0dcd
SM_V9_PAR2      iris    exon    21710379        21710483        .
        +       .
Parent=Smp_055870.1;Name=76de0c50-6730-45c4-8829-38a0be126c83
SM_V9_PAR2      iris    exon    21721020        21721178        .
        +       .
Parent=Smp_055870.1;Name=0629ab13-1a88-4c20-94da-5f5945d4fcd4
SM_V9_PAR2      iris    exon    21724560        21725800        .
        +       .       Parent=Smp_055870.1;Name=eacd29f1-2f4b-40a4-
acd8-d2cd4955368e
SM_V9_PAR2      iris    CDS     21709077        21709219        .
        +       0       Parent=Smp_055870.1
SM_V9_PAR2      iris    CDS     21709256        21709352        .
        +       1       Parent=Smp_055870.1
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SM_V9_PAR2      iris    CDS     21710379        21710483        .
        +       0       Parent=Smp_055870.1
SM_V9_PAR2      iris    CDS     21721020        21721178        .
        +       0       Parent=Smp_055870.1
SM_V9_PAR2      iris    CDS     21724560        21724727        .
        +       0       Parent=Smp_055870.1
SM_V9_PAR2      iris    mRNA    21709017        21786307        .
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ID=Smp_055870.2;Parent=Smp_055870;geneID=Smp_055870;gene_name=Smp_05
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SM_V9_PAR2      iris    exon    21709017        21709219        .
        +       .       Parent=Smp_055870.2;Name=2a5c0a0f-
bde9-40cf-87d5-7d0149273ce6
SM_V9_PAR2      iris    exon    21709256        21709352        .
        +       .       Parent=Smp_055870.2;Name=ef75c883-c321-4fbc-
b61b-d9b63fdf3123
SM_V9_PAR2      iris    exon    21710379        21710483        .
        +       .       Parent=Smp_055870.2;Name=d3c60386-
bbb7-4931-8d04-1973f61bd95d
SM_V9_PAR2      iris    exon    21721020        21721178        .
        +       .       Parent=Smp_055870.2;Name=1e4e0172-052d-46d7-
b997-3d4212c7f6fe
SM_V9_PAR2      iris    exon    21724560        21724809        .
        +       .       Parent=Smp_055870.2;Name=46ed6daa-2f3f-4aa2-
ad10-29d40101baf2
SM_V9_PAR2      iris    exon    21786163        21786307        .
        +       .
Parent=Smp_055870.2;Name=691dd138-7b5d-4bc8-822e-97c308e12026
SM_V9_PAR2      iris    CDS     21709077        21709219        .
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SM_V9_PAR2      iris    CDS     21709256        21709352        .
        +       1       Parent=Smp_055870.2
SM_V9_PAR2      iris    CDS     21710379        21710483        .
        +       0       Parent=Smp_055870.2
SM_V9_PAR2      iris    CDS     21721020        21721178        .
        +       0       Parent=Smp_055870.2
SM_V9_PAR2      iris    CDS     21724560        21724727        .
        +       0       Parent=Smp_055870.2
SM_V9_PAR2      Liftoff gene    21798910        21804428        .
        -       .       ID=Smp_323910;geneID=Smp_323910
SM_V9_PAR2      Liftoff mRNA    21798910        21804428        .
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ID=Smp_323910.1;Parent=Smp_323910;geneID=Smp_323910;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001839,IPR029034
Pfam:PF00019;Ontology_term=GO:0008083
SM_V9_PAR2      Liftoff exon    21798910        21799243        .
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SM_V9_PAR2      Liftoff exon    21803442        21804428        .
        -       .       Parent=Smp_323910.1
SM_V9_PAR2      Liftoff CDS     21799029        21799243        .
        -       2       Parent=Smp_323910.1
SM_V9_PAR2      Liftoff CDS     21803442        21804408        .
        -       0       Parent=Smp_323910.1
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SM_V9_PAR2	iris	gene	21825859	21881854	.
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SM_V9_PAR2	iris	mRNA	21825859	21881854	.
	-	.
ID=Smp_323920.1;Parent=Smp_323920;geneID=Smp_323920;gene_name=Smp_32
3920;owner=irisadmin@local.host;orig_id=Smp_323920.1;date_last_modif
ied=2022-07-19;Name=Smp_323920.1;product=Rho GTPase-activating
protein 24;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	21825859	21827573	.
	-	.
Parent=Smp_323920.1;Name=4206e07d-748c-4431-9ef9-4b9d99199f51
SM_V9_PAR2	iris	exon	21843767	21844427	.
	-	.
Parent=Smp_323920.1;Name=49203d4c-5fd8-4693-8ebf-4adfacfd5a20
SM_V9_PAR2	iris	exon	21848713	21849007	.
	-	.
Parent=Smp_323920.1;Name=2140282b-21b1-48f4-975d-9087d62f2b26
SM_V9_PAR2	iris	exon	21852790	21852919	.
	-	.	Parent=Smp_323920.1;Name=e098aabb-
ea7c-432d-87d2-28f8f0e5eecd
SM_V9_PAR2	iris	exon	21859705	21859866	.
	-	.	Parent=Smp_323920.1;Name=0f319fd8-2934-488e-
b2cb-2ab2a97df7d5
SM_V9_PAR2	iris	exon	21860891	21861140	.
	-	.	Parent=Smp_323920.1;Name=f6011c2f-
ca3e-4886-8168-f46979be9a8a
SM_V9_PAR2	iris	exon	21881743	21881854	.
	-	.	Parent=Smp_323920.1;Name=e814a909-64b5-45d6-
aa68-731464ac198e
SM_V9_PAR2	iris	CDS	21826504	21827573	.
	-	2	Parent=Smp_323920.1
SM_V9_PAR2	iris	CDS	21843767	21844427	.
	-	0	Parent=Smp_323920.1
SM_V9_PAR2	iris	CDS	21848713	21849007	.
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SM_V9_PAR2	iris	CDS	21852790	21852919	.
	-	2	Parent=Smp_323920.1
SM_V9_PAR2	iris	CDS	21859705	21859866	.
	-	2	Parent=Smp_323920.1
SM_V9_PAR2	iris	CDS	21860891	21861140	.
	-	0	Parent=Smp_323920.1
SM_V9_PAR2	iris	CDS	21881743	21881760	.
	-	0	Parent=Smp_323920.1
SM_V9_PAR2	Liftoff	gene	21906860	21984524	.
	+	.
ID=Smp_244090;geneID=Smp_244090;previous_systematic_id=Smp_055810,Sm
p_151940,Smp_151950
SM_V9_PAR2	Liftoff	mRNA	21906860	21984524	.
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ID=Smp_244090.1;Parent=Smp_244090;geneID=Smp_244090;product=Zinc
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	+	.	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	exon	21924237	21925655	.
	+	.	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	exon	21950848	21951338	.
	+	.	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	exon	21980601	21980713	.
	+	.	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	exon	21982227	21984524	.
	+	.	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	CDS	21909200	21909794	.
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SM_V9_PAR2	Liftoff	CDS	21915273	21916187	.
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SM_V9_PAR2	Liftoff	CDS	21924237	21925655	.
	+	2	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	CDS	21950848	21951338	.
	+	2	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	CDS	21980601	21980713	.
	+	0	Parent=Smp_244090.1
SM_V9_PAR2	Liftoff	CDS	21982227	21983052	.
	+	1	Parent=Smp_244090.1
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SM_V9_PAR2	Liftoff	mRNA	21995879	22004094	.
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ID=Smp_055800.1;Parent=Smp_055800;geneID=Smp_055800;product=Pescadil
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Pfam:PF06732,PF16589;Ontology_term=GO:0005730,GO:0042254
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	+	.	Parent=Smp_055800.1
SM_V9_PAR2	Liftoff	exon	21996378	21996549	.
	+	.	Parent=Smp_055800.1
SM_V9_PAR2	Liftoff	exon	21996584	21996753	.
	+	.	Parent=Smp_055800.1
SM_V9_PAR2	Liftoff	exon	21996785	21996887	.
	+	.	Parent=Smp_055800.1
SM_V9_PAR2	Liftoff	exon	21996928	21997008	.
	+	.	Parent=Smp_055800.1
SM_V9_PAR2	Liftoff	exon	21998051	21998304	.
	+	.	Parent=Smp_055800.1
SM_V9_PAR2	Liftoff	exon	21999550	21999977	.
	+	.	Parent=Smp_055800.1
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SM_V9_PAR2	Liftoff	exon	22003859	22004094	.
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SM_V9_PAR2	Liftoff	CDS	21995905	21995928	.
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SM_V9_PAR2      Liftoff CDS     22003859        22003871        .
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SM_V9_PAR2      Liftoff exon    22009290        22020505        .
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        +       0       Parent=Smp_151930.1
SM_V9_PAR2      Liftoff gene    22024080        22071643        .
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SM_V9_PAR2      Liftoff mRNA    22024080        22071643        .
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ID=Smp_151920.1;Parent=Smp_151920;geneID=Smp_151920;product=Paladin;
polypeptide_domain=InterPro:IPR029021 Pfam:PF14566
SM_V9_PAR2      Liftoff exon    22024080        22024457        .
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SM_V9_PAR2      Liftoff exon    22027748        22027903        .
        -       .       Parent=Smp_151920.1
SM_V9_PAR2      Liftoff exon    22030591        22030731        .
        -       .       Parent=Smp_151920.1
SM_V9_PAR2      Liftoff exon    22032993        22033364        .
        -       .       Parent=Smp_151920.1
SM_V9_PAR2      Liftoff exon    22040105        22040452        .
        -       .       Parent=Smp_151920.1
SM_V9_PAR2      Liftoff exon    22042665        22043066        .
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SM_V9_PAR2      Liftoff exon    22044171        22044305        .
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SM_V9_PAR2      Liftoff exon    22046856        22046960        .
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SM_V9_PAR2      Liftoff exon    22050203        22050688        .
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SM_V9_PAR2      Liftoff exon    22054380        22054455        .
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SM_V9_PAR2      Liftoff exon    22057184        22057347        .
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SM_V9_PAR2      Liftoff exon    22058970        22059137        .
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SM_V9_PAR2      Liftoff exon    22061959        22062135        .
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SM_V9_PAR2      Liftoff exon    22065365        22065528        .
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SM_V9_PAR2      Liftoff exon    22066544        22066597        .
        -       .       Parent=Smp_151920.1
SM_V9_PAR2      Liftoff exon    22067855        22071643        .
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SM_V9_PAR2      Liftoff CDS     22024314        22024457        .
        -       0       Parent=Smp_151920.1
SM_V9_PAR2      Liftoff CDS     22027748        22027903        .
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SM_V9_PAR2      Liftoff CDS     22040105        22040452        .
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SM_V9_PAR2      Liftoff CDS     22042665        22043066        .
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SM_V9_PAR2      Liftoff CDS     22044171        22044305        .
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SM_V9_PAR2      Liftoff CDS     22054380        22054455        .
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SM_V9_PAR2      Liftoff CDS     22057184        22057347        .
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SM_V9_PAR2      Liftoff CDS     22061959        22062135        .
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SM_V9_PAR2      Liftoff CDS     22065365        22065528        .
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SM_V9_PAR2      Liftoff CDS     22067855        22067936        .
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3;polypeptide_domain=InterPro:IPR000504,IPR006536
Pfam:PF00076,PF13893;Ontology_term=GO:0003676,GO:0003723,GO:0005634,
GO:0006397
SM_V9_PAR2      Liftoff exon    22090200        22090374        .
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SM_V9_PAR2      Liftoff exon    22093361        22093417        .
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SM_V9_PAR2      Liftoff exon    22094350        22094505        .
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SM_V9_PAR2      Liftoff exon    22095735        22096025        .
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SM_V9_PAR2      Liftoff exon    22098254        22098364        .
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SM_V9_PAR2      Liftoff exon    22100064        22100376        .
        +       .       Parent=Smp_142300.1
SM_V9_PAR2      Liftoff exon    22103108        22103325        .
        +       .       Parent=Smp_142300.1
SM_V9_PAR2      Liftoff exon    22104264        22104297        .
        +       .       Parent=Smp_142300.1
SM_V9_PAR2      Liftoff exon    22105376        22105468        .
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        +       .       Parent=Smp_142300.1
SM_V9_PAR2      Liftoff exon    22109068        22109131        .
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SM_V9_PAR2      Liftoff exon    22109910        22110271        .
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SM_V9_PAR2      Liftoff CDS     22098254        22098364        .
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SM_V9_PAR2      Liftoff CDS     22100064        22100376        .
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SM_V9_PAR2      Liftoff CDS     22103108        22103325        .
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SM_V9_PAR2      Liftoff CDS     22104264        22104297        .
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SM_V9_PAR2      Liftoff CDS     22105376        22105468        .
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SM_V9_PAR2      Liftoff CDS     22107478        22107799        .
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SM_V9_PAR2      Liftoff CDS     22109910        22109978        .
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SM_V9_PAR2      Liftoff mRNA    22122123        22145326        .
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SM_V9_PAR2      Liftoff exon    22122123        22122838        .
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SM_V9_PAR2      Liftoff exon    22124733        22124815        .
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SM_V9_PAR2      Liftoff exon    22125740        22125994        .
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SM_V9_PAR2      Liftoff exon    22129358        22129456        .
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SM_V9_PAR2      Liftoff exon    22130404        22130748        .
        -       .       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff exon    22130835        22130970        .
        -       .       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff exon    22134444        22134519        .
        -       .       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff exon    22135866        22136039        .
        -       .       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff exon    22137464        22137561        .
        -       .       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff exon    22144059        22144176        .
        -       .       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff exon    22144773        22145326        .
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SM_V9_PAR2      Liftoff CDS     22124733        22124815        .
        -       0       Parent=Smp_194920.1
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SM_V9_PAR2      Liftoff CDS     22129358        22129456        .
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SM_V9_PAR2      Liftoff CDS     22130404        22130748        .
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SM_V9_PAR2      Liftoff CDS     22130835        22130970        .
        -       1       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff CDS     22134444        22134519        .
        -       2       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff CDS     22135866        22136039        .
        -       2       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff CDS     22137464        22137561        .
        -       1       Parent=Smp_194920.1
SM_V9_PAR2      Liftoff CDS     22144059        22144176        .
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SM_V9_PAR2      Liftoff CDS     22144773        22145214        .
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SM_V9_PAR2      Liftoff mRNA    22145618        22157396        .
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ID=Smp_194930.1;Parent=Smp_194930;geneID=Smp_194930;product=TBC1
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Pfam:PF00566
SM_V9_PAR2      Liftoff exon    22145618        22146441        .
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SM_V9_PAR2      Liftoff exon    22150393        22150636        .
        -       .       Parent=Smp_194930.1
SM_V9_PAR2      Liftoff exon    22152029        22152120        .
        -       .       Parent=Smp_194930.1
SM_V9_PAR2      Liftoff exon    22153961        22154136        .
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SM_V9_PAR2      Liftoff exon    22157194        22157396        .
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SM_V9_PAR2      Liftoff CDS     22146085        22146441        .
        -       0       Parent=Smp_194930.1
SM_V9_PAR2      Liftoff CDS     22150393        22150636        .
        -       1       Parent=Smp_194930.1
SM_V9_PAR2      Liftoff CDS     22152029        22152120        .
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SM_V9_PAR2      Liftoff CDS     22153961        22154136        .
        -       2       Parent=Smp_194930.1
SM_V9_PAR2      Liftoff CDS     22157194        22157368        .
        -       0       Parent=Smp_194930.1
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    22168460        22217482        .
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ID=Smp_142320.1;Parent=Smp_142320;geneID=Smp_142320;gene_name=Smp_14
2320;owner=irisadmin@local.host;orig_id=Smp_142320.1;date_last_modif
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containing protein 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    22168460        22168515        .
        +       .
Parent=Smp_142320.1;Name=0339bb73-68a6-4154-86d5-df6df7c0402c
SM_V9_PAR2      iris    exon    22172065        22172313        .
        +       .       Parent=Smp_142320.1;Name=51e7a166-
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SM_V9_PAR2      iris    exon    22178301        22178932        .
        +       .       Parent=Smp_142320.1;Name=e5772233-
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SM_V9_PAR2      iris    exon    22182110        22182819        .
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SM_V9_PAR2      iris    exon    22184271        22184498        .
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Parent=Smp_142320.1;Name=3bd880b6-2a20-4e24-86df-846b3975bd02
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SM_V9_PAR2	iris	exon	22203552	22204431	.
	+	.	Parent=Smp_142320.1;Name=ff8b535f-f2a6-4162-
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SM_V9_PAR2	iris	exon	22206852	22207291	.
	+	.	Parent=Smp_142320.1;Name=e95ef1ba-
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SM_V9_PAR2	iris	exon	22209997	22210340	.
	+	.	Parent=Smp_142320.1;Name=38218fae-d2ee-4fd1-
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SM_V9_PAR2	iris	exon	22212883	22213493	.
	+	.	Parent=Smp_142320.1;Name=3cf2b137-8308-4482-
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SM_V9_PAR2	iris	exon	22215683	22217482	.
	+	.	Parent=Smp_142320.1;Name=9dcf2623-7d8a-45ae-
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SM_V9_PAR2	iris	CDS	22172309	22172313	.
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SM_V9_PAR2	iris	CDS	22178301	22178932	.
	+	1	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22182110	22182819	.
	+	2	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22184271	22184498	.
	+	0	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22188053	22188493	.
	+	0	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22203552	22204431	.
	+	0	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22206852	22207291	.
	+	2	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22209997	22210340	.
	+	0	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22212883	22213493	.
	+	1	Parent=Smp_142320.1
SM_V9_PAR2	iris	CDS	22215683	22216995	.
	+	2	Parent=Smp_142320.1
SM_V9_PAR2	Liftoff	gene	22224830	22233765	.
	+	.
ID=Smp_340720;geneID=Smp_340720;previous_systematic_id=Smp_037380
SM_V9_PAR2	Liftoff	mRNA	22224830	22233765	.
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ID=Smp_340720.1;Parent=Smp_340720;geneID=Smp_340720;product=Cleavage
and polyadenylation specificity factor subunit
4;polypeptide_domain=InterPro:IPR000571
Pfam:PF15663;Ontology_term=GO:0046872
SM_V9_PAR2	Liftoff	exon	22224830	22231735	.
	+	.	Parent=Smp_340720.1
SM_V9_PAR2	Liftoff	exon	22231770	22231973	.
	+	.	Parent=Smp_340720.1
SM_V9_PAR2	Liftoff	exon	22232015	22232110	.
	+	.	Parent=Smp_340720.1
SM_V9_PAR2	Liftoff	exon	22232145	22233765	.
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SM_V9_PAR2      Liftoff CDS     22231770        22231973        .
        +       2       Parent=Smp_340720.1
SM_V9_PAR2      Liftoff CDS     22232015        22232110        .
        +       2       Parent=Smp_340720.1
SM_V9_PAR2      Liftoff CDS     22232145        22232242        .
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SM_V9_PAR2      iris    CDS     22244087        22244372        .
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        -       .       Parent=Smp_037400.1
SM_V9_PAR2      Liftoff exon    22257411        22257660        .
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SM_V9_PAR2      Liftoff CDS     22254765        22254999        .
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SM_V9_PAR2      Liftoff CDS     22257411        22257660        .
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SM_V9_PAR2      Liftoff exon    22260007        22260162        .
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SM_V9_PAR2      Liftoff exon    22260841        22264413        .
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        -       2       Parent=Smp_037400.2
SM_V9_PAR2      Liftoff CDS     22252875        22253136        .
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        -       1       Parent=Smp_037400.2
SM_V9_PAR2      Liftoff CDS     22255822        22255975        .
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ID=Smp_085380.1;Parent=Smp_085380;geneID=Smp_085380;gene_name=Smp_08
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SM_V9_PAR2      iris    exon    22320342        22320518        .
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SM_V9_PAR2      iris    exon    22328074        22328157        .
        -       .
Parent=Smp_085380.1;Name=a6fe5170-6298-4a23-85d7-716798070327
SM_V9_PAR2      iris    exon    22331131        22331477        .
        -       .
Parent=Smp_085380.1;Name=0d4a813f-460a-4690-80c9-d8b1458659a5
SM_V9_PAR2      iris    exon    22332270        22333308        .
        -       .       Parent=Smp_085380.1;Name=9abc2a5b-682c-47b3-
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SM_V9_PAR2      iris    exon    22341535        22341586        .
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SM_V9_PAR2	iris	CDS	22331131	22331477	.
	-	0	Parent=Smp_085380.1
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SM_V9_PAR2	Liftoff	gene	22380800	22412818	.
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4;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995,IPR02904
4 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
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SM_V9_PAR2	Liftoff	exon	22386272	22386499	.
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SM_V9_PAR2	Liftoff	exon	22387901	22388088	.
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        -       .       Parent=Smp_146430.1
SM_V9_PAR2      Liftoff exon    22397347        22404906        .
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SM_V9_PAR2      Liftoff CDS     22384564        22384705        .
        -       1       Parent=Smp_146430.1
SM_V9_PAR2      Liftoff CDS     22386272        22386499        .
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SM_V9_PAR2      Liftoff CDS     22387901        22388088        .
        -       0       Parent=Smp_146430.1
SM_V9_PAR2      Liftoff CDS     22390970        22391370        .
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SM_V9_PAR2      Liftoff CDS     22393385        22393415        .
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4 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
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SM_V9_PAR2      Liftoff exon    22397347        22412818        .
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SM_V9_PAR2      Liftoff CDS     22386272        22386499        .
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SM_V9_PAR2      Liftoff CDS     22390970        22391370        .
        -       2       Parent=Smp_146430.2
SM_V9_PAR2      Liftoff CDS     22393385        22393415        .
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,IPR029061,IPR031717,IPR032106
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        +       .       Parent=Smp_044970.1
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	+	.	Parent=Smp_146420.1
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	+	.	Parent=Smp_146420.1
SM_V9_PAR2	Liftoff	exon	22495525	22495594	.
	+	.	Parent=Smp_146420.1
SM_V9_PAR2	Liftoff	exon	22498506	22498648	.
	+	.	Parent=Smp_146420.1
SM_V9_PAR2	Liftoff	exon	22501683	22502072	.
	+	.	Parent=Smp_146420.1
SM_V9_PAR2	Liftoff	exon	22505314	22505533	.
	+	.	Parent=Smp_146420.1
SM_V9_PAR2	Liftoff	exon	22511162	22511388	.
	+	.	Parent=Smp_146420.1
SM_V9_PAR2	Liftoff	exon	22511830	22511989	.
	+	.	Parent=Smp_146420.1
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SM_V9_PAR2      Liftoff exon    22515593        22515742        .
        +       .       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff exon    22518212        22521041        .
        +       .       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22491031        22491078        .
        +       0       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22491114        22491206        .
        +       0       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22491240        22491402        .
        +       0       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22494091        22494241        .
        +       2       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22495525        22495594        .
        +       1       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22498506        22498648        .
        +       0       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22501683        22502072        .
        +       1       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22505314        22505533        .
        +       1       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22511162        22511388        .
        +       0       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22511830        22511989        .
        +       1       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22515593        22515742        .
        +       0       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff CDS     22518212        22518484        .
        +       0       Parent=Smp_146420.1
SM_V9_PAR2      Liftoff gene    22525593        22538192        .
        -       .       ID=Smp_044950;geneID=Smp_044950
SM_V9_PAR2      Liftoff mRNA    22525593        22538192        .
        -       .
ID=Smp_044950.1;Parent=Smp_044950;geneID=Smp_044950;product=Fibrobla
st growth factor receptor substrate
3;polypeptide_domain=InterPro:IPR002404,IPR011993
Pfam:PF02174;Ontology_term=GO:0005158
SM_V9_PAR2      Liftoff exon    22525593        22526021        .
        -       .       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff exon    22529339        22529420        .
        -       .       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff exon    22530813        22530961        .
        -       .       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff exon    22534729        22538192        .
        -       .       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff CDS     22525633        22526021        .
        -       2       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff CDS     22529339        22529420        .
        -       0       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff CDS     22530813        22530961        .
        -       2       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff CDS     22534729        22535095        .
        -       0       Parent=Smp_044950.1
SM_V9_PAR2      Liftoff gene    22571079        22604464        .
        +       .       ID=Smp_153110;geneID=Smp_153110
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SM_V9_PAR2	Liftoff	mRNA	22571079	22604464	.
	+	.
ID=Smp_153110.1;Parent=Smp_153110;geneID=Smp_153110;product=beta 1,4
galactosyltransferase 3;evidence=Inferred from Sequence or
structural
Similarity;polypeptide_domain=InterPro:IPR003859,IPR027791,IPR027995
,IPR029044 Pfam:PF02709,PF13733;Ontology_term=GO:0005975,GO:0016757
SM_V9_PAR2	Liftoff	exon	22571079	22593875	.
	+	.	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	exon	22595432	22595619	.
	+	.	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	exon	22598105	22598339	.
	+	.	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	exon	22599848	22604464	.
	+	.	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	CDS	22593846	22593875	.
	+	0	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	CDS	22595432	22595619	.
	+	0	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	CDS	22598105	22598339	.
	+	1	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	CDS	22599848	22599883	.
	+	0	Parent=Smp_153110.1
SM_V9_PAR2	Liftoff	gene	22609933	22623287	.
	-	.	ID=Smp_130620;geneID=Smp_130620
SM_V9_PAR2	Liftoff	mRNA	22609933	22623287	.
	-	.
ID=Smp_130620.1;Parent=Smp_130620;geneID=Smp_130620;product=Protein
asteroid homolog 1;polypeptide_domain=InterPro:IPR029060
SM_V9_PAR2	Liftoff	exon	22609933	22612383	.
	-	.	Parent=Smp_130620.1
SM_V9_PAR2	Liftoff	exon	22615384	22623287	.
	-	.	Parent=Smp_130620.1
SM_V9_PAR2	Liftoff	CDS	22610257	22612383	.
	-	0	Parent=Smp_130620.1
SM_V9_PAR2	Liftoff	CDS	22615384	22615632	.
	-	0	Parent=Smp_130620.1
SM_V9_PAR2	Liftoff	gene	22635591	22639310	.
	-	.	ID=Smp_130610;geneID=Smp_130610
SM_V9_PAR2	Liftoff	mRNA	22635591	22639310	.
	-	.
ID=Smp_130610.1;Parent=Smp_130610;geneID=Smp_130610;product=tRNA
(guanine-N(7)-)-
methyltransferase;polypeptide_domain=InterPro:IPR003358,IPR025763,IP
R029063 Pfam:PF02390;Ontology_term=GO:0006400,GO:0008176
SM_V9_PAR2	Liftoff	exon	22635591	22636352	.
	-	.	Parent=Smp_130610.1
SM_V9_PAR2	Liftoff	exon	22636948	22637049	.
	-	.	Parent=Smp_130610.1
SM_V9_PAR2	Liftoff	exon	22638906	22639310	.
	-	.	Parent=Smp_130610.1
SM_V9_PAR2	Liftoff	CDS	22635894	22636352	.
	-	0	Parent=Smp_130610.1
SM_V9_PAR2	Liftoff	CDS	22636948	22637049	.
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        -       0       Parent=Smp_130610.1
SM_V9_PAR2      Liftoff CDS     22638906        22639259        .
        -       0       Parent=Smp_130610.1
SM_V9_PAR2      Liftoff gene    22639351        22645466        .
        -       .       ID=Smp_015440;geneID=Smp_015440
SM_V9_PAR2      Liftoff mRNA    22639351        22645466        .
        -       .
ID=Smp_015440.1;Parent=Smp_015440;geneID=Smp_015440;product=Syntaxin
-5;polypeptide_domain=InterPro:IPR000727,IPR010989;Ontology_term=GO:
0016020,GO:0016192
SM_V9_PAR2      Liftoff exon    22639351        22639894        .
        -       .       Parent=Smp_015440.1
SM_V9_PAR2      Liftoff exon    22641197        22645466        .
        -       .       Parent=Smp_015440.1
SM_V9_PAR2      Liftoff CDS     22639544        22639894        .
        -       0       Parent=Smp_015440.1
SM_V9_PAR2      Liftoff CDS     22641197        22642000        .
        -       0       Parent=Smp_015440.1
SM_V9_PAR2      iris    gene    22654837        22669080        .
        -       .
ID=Smp_130600;geneID=Smp_130600;gene_name=Smp_130600;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    22654837        22669080        .
        -       .
ID=Smp_130600.1;Parent=Smp_130600;geneID=Smp_130600;gene_name=Smp_13
0600;owner=irisadmin@local.host;orig_id=Smp_130600.2;date_last_modif
ied=2022-07-19;Name=Smp_130600.1;product=ariadne ubiquitin
conjugating enzyme;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    22654837        22656865        .
        -       .       Parent=Smp_130600.1;Name=fc8f9cad-5672-477b-
a6ba-22d1f474546f
SM_V9_PAR2      iris    exon    22658261        22658335        .
        -       .
Parent=Smp_130600.1;Name=f0a44cad-8585-4fb8-9629-41c9ab3f7ecb
SM_V9_PAR2      iris    exon    22663037        22663241        .
        -       .       Parent=Smp_130600.1;Name=32e0ae68-0b78-4c6b-
be3b-b6b0e709a88a
SM_V9_PAR2      iris    exon    22665528        22665668        .
        -       .
Parent=Smp_130600.1;Name=42173d25-604b-4e91-8937-7ffcd03b39cd
SM_V9_PAR2      iris    exon    22669013        22669080        .
        -       .       Parent=Smp_130600.1;Name=e4fdaa56-6365-46e2-
b719-ffde032a6675
SM_V9_PAR2      iris    CDS     22655769        22656865        .
        -       2       Parent=Smp_130600.1
SM_V9_PAR2      iris    CDS     22658261        22658335        .
        -       2       Parent=Smp_130600.1
SM_V9_PAR2      iris    CDS     22663037        22663241        .
        -       0       Parent=Smp_130600.1
SM_V9_PAR2      iris    CDS     22665528        22665665        .
        -       0       Parent=Smp_130600.1
SM_V9_PAR2      iris    gene    22706409        22718594        .
        -       .
ID=Smp_130590;geneID=Smp_130590;gene_name=Smp_130590;owner=irisadmin
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@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    22706409        22718594        .
        -       .
ID=Smp_130590.1;Parent=Smp_130590;geneID=Smp_130590;gene_name=Smp_13
0590;owner=irisadmin@local.host;orig_id=Smp_130590.1;date_last_modif
ied=2022-08-19;Name=Smp_130590.1;product=E3 ubiquitin-protein ligase
MYLIP;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    22706409        22708025        .
        -       .
Parent=Smp_130590.1;Name=9f30fed3-273f-4f17-8c7a-3d2535148a44
SM_V9_PAR2      iris    exon    22713684        22713961        .
        -       .       Parent=Smp_130590.1;Name=48a25cd9-2e39-4831-
abd0-c11646e109e5
SM_V9_PAR2      iris    exon    22715010        22715248        .
        -       .       Parent=Smp_130590.1;Name=dfdc7e0d-a40a-4cc3-
a2e6-e8870a55dc9e
SM_V9_PAR2      iris    exon    22717612        22718013        .
        -       .
Parent=Smp_130590.1;Name=4e00e544-288b-4b08-9752-58aff4f765ed
SM_V9_PAR2      iris    exon    22718052        22718245        .
        -       .       Parent=Smp_130590.1;Name=e71e4772-
ca87-472d-9804-4c661dc9ba2f
SM_V9_PAR2      iris    exon    22718281        22718594        .
        -       .       Parent=Smp_130590.1;Name=713296bd-54c3-4c45-
a824-46979bc9543d
SM_V9_PAR2      iris    CDS     22707378        22708025        .
        -       0       Parent=Smp_130590.1
SM_V9_PAR2      iris    CDS     22713684        22713961        .
        -       2       Parent=Smp_130590.1
SM_V9_PAR2      iris    CDS     22715010        22715248        .
        -       1       Parent=Smp_130590.1
SM_V9_PAR2      iris    CDS     22717612        22718013        .
        -       1       Parent=Smp_130590.1
SM_V9_PAR2      iris    CDS     22718052        22718245        .
        -       0       Parent=Smp_130590.1
SM_V9_PAR2      iris    CDS     22718281        22718454        .
        -       0       Parent=Smp_130590.1
SM_V9_PAR2      iris    gene    22729143        22749728        .
        -       .
ID=Smp_130580;geneID=Smp_130580;gene_name=Smp_130580;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    22729143        22749728        .
        -       .
ID=Smp_130580.1;Parent=Smp_130580;geneID=Smp_130580;gene_name=Smp_13
0580;owner=irisadmin@local.host;orig_id=Smp_130580.1;date_last_modif
ied=2022-07-19;Name=Smp_130580.1;product=Disabled homolog
2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    22729143        22729682        .
        -       .       Parent=Smp_130580.1;Name=120ba707-cf8e-41ad-
a24e-28525e9dd26d
SM_V9_PAR2      iris    exon    22732703        22732854        .
        -       .       Parent=Smp_130580.1;Name=2ed35fcc-8f02-40fd-
b57e-c65cb5240b49
SM_V9_PAR2      iris    exon    22734851        22734986        .
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        -       .       Parent=Smp_130580.1;Name=fc7acf25-
fc7a-40b1-9227-f97f35df8ab4
SM_V9_PAR2      iris    exon    22739616        22739804        .
        -       .       Parent=Smp_130580.1;Name=56105bde-e827-44bf-
be90-9d193b9fb294
SM_V9_PAR2      iris    exon    22742198        22742263        .
        -       .       Parent=Smp_130580.1;Name=956563d0-85c1-4d70-
abc5-d1eeaed42082
SM_V9_PAR2      iris    exon    22744587        22744730        .
        -       .       Parent=Smp_130580.1;Name=4deec267-fdac-4d8f-
a8d1-28dd811cbf06
SM_V9_PAR2      iris    exon    22746564        22746826        .
        -       .       Parent=Smp_130580.1;Name=808bdf02-d055-4185-
b91e-af4588e5ebb2
SM_V9_PAR2      iris    exon    22746868        22746928        .
        -       .       Parent=Smp_130580.1;Name=af337fb3-1952-4832-
a69e-87024950d8a0
SM_V9_PAR2      iris    exon    22749598        22749728        .
        -       .
Parent=Smp_130580.1;Name=f1b83f07-3492-4579-8226-520983ff1146
SM_V9_PAR2      iris    CDS     22729476        22729682        .
        -       0       Parent=Smp_130580.1
SM_V9_PAR2      iris    CDS     22732703        22732854        .
        -       2       Parent=Smp_130580.1
SM_V9_PAR2      iris    CDS     22734851        22734986        .
        -       0       Parent=Smp_130580.1
SM_V9_PAR2      iris    CDS     22739616        22739804        .
        -       0       Parent=Smp_130580.1
SM_V9_PAR2      iris    CDS     22742198        22742263        .
        -       0       Parent=Smp_130580.1
SM_V9_PAR2      iris    CDS     22744587        22744730        .
        -       0       Parent=Smp_130580.1
SM_V9_PAR2      iris    CDS     22746564        22746826        .
        -       2       Parent=Smp_130580.1
SM_V9_PAR2      iris    CDS     22746868        22746907        .
        -       0       Parent=Smp_130580.1
SM_V9_PAR2      iris    gene    22754504        22765043        .
        -       .
ID=Smp_015390;geneID=Smp_015390;gene_name=Smp_015390;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    22754504        22765043        .
        -       .
ID=Smp_015390.1;Parent=Smp_015390;geneID=Smp_015390;gene_name=Smp_01
5390;owner=irisadmin@local.host;orig_id=Smp_015390.1;date_last_modif
ied=2022-07-19;Name=Smp_015390.1;product=DDB1 and CUL4 associated
factor 6;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    22754504        22754879        .
        -       .       Parent=Smp_015390.1;Name=97457b61-a9c4-4870-
b594-e3cb979a3b7d
SM_V9_PAR2      iris    exon    22756524        22756614        .
        -       .       Parent=Smp_015390.1;Name=82131eba-
af46-442b-9ff5-f4c4d66b64ee
SM_V9_PAR2      iris    exon    22757286        22757434        .
        -       .
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Parent=Smp_015390.1;Name=45bd4a7c-0f40-4229-9910-c6b3af80415d
SM_V9_PAR2      iris    exon    22757725        22757881        .
        -       .       Parent=Smp_015390.1;Name=baba4917-39ff-4282-
ab22-2bbe27a6df88
SM_V9_PAR2      iris    exon    22759100        22759227        .
        -       .
Parent=Smp_015390.1;Name=8d43a0bc-365a-48a7-83df-3cff24eb7564
SM_V9_PAR2      iris    exon    22759518        22759636        .
        -       .
Parent=Smp_015390.1;Name=0526eb5f-01c1-41ee-9986-b11360db932e
SM_V9_PAR2      iris    exon    22760635        22760683        .
        -       .
Parent=Smp_015390.1;Name=9267ac05-669a-49c2-8407-bdf45075c5ed
SM_V9_PAR2      iris    exon    22761632        22761704        .
        -       .       Parent=Smp_015390.1;Name=b771521d-
aacc-4727-959d-15c945521ed3
SM_V9_PAR2      iris    exon    22762419        22762729        .
        -       .       Parent=Smp_015390.1;Name=c1827a2c-
a8cb-4d4a-850f-28b9bded02be
SM_V9_PAR2      iris    exon    22763242        22763539        .
        -       .
Parent=Smp_015390.1;Name=68e3ee31-91cd-40f2-9465-a5beeb212c15
SM_V9_PAR2      iris    exon    22764440        22764544        .
        -       .       Parent=Smp_015390.1;Name=cc9d987f-c1a1-45f4-
b40d-0361198a83ca
SM_V9_PAR2      iris    exon    22764578        22764670        .
        -       .       Parent=Smp_015390.1;Name=78c2cbda-c9b2-46ea-
b883-cd4f938d8656
SM_V9_PAR2      iris    exon    22764722        22764811        .
        -       .       Parent=Smp_015390.1;Name=72e6148b-6523-4775-
bd03-5c46d441d64e
SM_V9_PAR2      iris    exon    22764847        22764908        .
        -       .       Parent=Smp_015390.1;Name=3f8b9022-ccc7-4890-
aaf6-b2369f4bafb3
SM_V9_PAR2      iris    exon    22764942        22765043        .
        -       .       Parent=Smp_015390.1;Name=d22a963e-45dd-4d01-
b69d-699ab4f889f4
SM_V9_PAR2      iris    CDS     22754803        22754879        .
        -       2       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22756524        22756614        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22757286        22757434        .
        -       2       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22757725        22757881        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22759100        22759227        .
        -       2       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22759518        22759636        .
        -       1       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22760635        22760683        .
        -       2       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22761632        22761704        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22762419        22762729        .
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        -       2       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22763242        22763539        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22764440        22764544        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22764578        22764670        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22764722        22764811        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22764847        22764908        .
        -       2       Parent=Smp_015390.1
SM_V9_PAR2      iris    CDS     22764942        22765005        .
        -       0       Parent=Smp_015390.1
SM_V9_PAR2      iris    gene    22775220        22995075        .
        -       .
ID=Smp_244080;geneID=Smp_244080;gene_name=Smp_244080;owner=irisadmin
@local.host;date_last_modified=2022-11-06;date_creation=2022-11-06
SM_V9_PAR2      iris    mRNA    22775220        22995075        .
        -       .
ID=Smp_244080.1;Parent=Smp_244080;geneID=Smp_244080;gene_name=Smp_24
4080;owner=irisadmin@local.host;orig_id=Smp_244080.1;date_last_modif
ied=2022-11-06;Name=Smp_244080.1;product=Receptor-type tyrosine-
protein phosphatase delta;date_creation=2022-11-06
SM_V9_PAR2      iris    exon    22775220        22776173        .
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	-	1	Parent=Smp_130520.1
SM_V9_PAR2	iris	CDS	23184643	23184848	.
	-	0	Parent=Smp_130520.1
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SM_V9_PAR2	iris	CDS	23187240	23187280	.
	-	2	Parent=Smp_130520.1
SM_V9_PAR2	iris	CDS	23187321	23187537	.
	-	0	Parent=Smp_130520.1
SM_V9_PAR2	iris	mRNA	23137758	23187630	.
	-	.
ID=Smp_130520.2;Parent=Smp_130520;geneID=Smp_130520;gene_name=Smp_13
0520;owner=irisadmin@local.host;orig_id=Smp_130520.2;date_last_modif
ied=2022-07-19;Name=Smp_130520.2;product=Prominin-1;date_creation=20
22-07-19
SM_V9_PAR2	iris	exon	23137758	23139134	.
	-	.	Parent=Smp_130520.2;Name=312ee228-
f6fd-456c-9f14-42e6216b1774
SM_V9_PAR2	iris	exon	23148457	23148488	.
	-	.
Parent=Smp_130520.2;Name=8acc875e-3a3b-4878-9960-1c5aae98f00e
SM_V9_PAR2	iris	exon	23151710	23151772	.
	-	.	Parent=Smp_130520.2;Name=a2fcb5dd-
c6ca-46c4-8e3f-953464226f50
SM_V9_PAR2	iris	exon	23155165	23155286	.
	-	.	Parent=Smp_130520.2;Name=905fe3e7-ddb7-4196-
b730-ee18c5279a7f
SM_V9_PAR2	iris	exon	23155672	23155827	.
	-	.	Parent=Smp_130520.2;Name=24c11b06-5b49-4bed-
b0de-5c1ae37341d2
SM_V9_PAR2	iris	exon	23157722	23157895	.
	-	.	Parent=Smp_130520.2;Name=bfac63e4-
becf-485f-949f-290be24a7ad1
SM_V9_PAR2	iris	exon	23161460	23161528	.
	-	.	Parent=Smp_130520.2;Name=58ea478e-
ea9b-43a6-9ed0-4d09c854473e
SM_V9_PAR2	iris	exon	23164141	23164290	.
	-	.	Parent=Smp_130520.2;Name=ac5a6df1-bdb9-4549-
bed3-077c680b7be1
SM_V9_PAR2	iris	exon	23166456	23166825	.
	-	.	Parent=Smp_130520.2;Name=09211d10-18d1-468c-
a648-ce15fbdf05ec
SM_V9_PAR2	iris	exon	23167870	23168031	.
	-	.	Parent=Smp_130520.2;Name=c7dcc1dc-50cd-44c9-
a0ca-99669ec0ccf8
SM_V9_PAR2	iris	exon	23172170	23172323	.
	-	.
Parent=Smp_130520.2;Name=d8f4e947-0f9c-4d2b-9aed-73a3c750e82a
SM_V9_PAR2	iris	exon	23173806	23173869	.
	-	.	Parent=Smp_130520.2;Name=6cb18d90-daaf-4f76-
a0ea-4d51e6ae771a
SM_V9_PAR2	iris	exon	23175997	23176071	.
	-	.
Parent=Smp_130520.2;Name=a97122e1-4109-4b58-9eb2-df21bbfd11ed
SM_V9_PAR2	iris	exon	23179438	23179649	.
	-	.	Parent=Smp_130520.2;Name=f6ccb9cd-6afd-4113-
a199-02428dfe3186
SM_V9_PAR2	iris	exon	23180734	23180817	.
	-	.
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Parent=Smp_130520.2;Name=c89b711d-6c91-4653-9f82-c05f76054d15
SM_V9_PAR2      iris    exon    23181018        23181084        .
        -       .       Parent=Smp_130520.2;Name=bd36121d-5bb8-4def-
be7e-746b4b61241e
SM_V9_PAR2      iris    exon    23182226        23182364        .
        -       .       Parent=Smp_130520.2;Name=40792284-84fd-4f20-
ae55-95d612407aba
SM_V9_PAR2      iris    exon    23184643        23184848        .
        -       .       Parent=Smp_130520.2;Name=a753fa0a-d0e2-4e8b-
b148-7185a7476c9e
SM_V9_PAR2      iris    exon    23187240        23187280        .
        -       .
Parent=Smp_130520.2;Name=74214541-915f-4b1d-8eea-845f06c77d8b
SM_V9_PAR2      iris    exon    23187321        23187630        .
        -       .       Parent=Smp_130520.2;Name=7b04d709-fb36-46d1-
ad2b-c9fa5ac6f1f7
SM_V9_PAR2      iris    CDS     23139046        23139134        .
        -       2       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23148457        23148488        .
        -       1       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23151710        23151772        .
        -       1       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23155165        23155286        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23155672        23155827        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23157722        23157895        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23161460        23161528        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23164141        23164290        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23166456        23166825        .
        -       1       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23167870        23168031        .
        -       1       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23172170        23172323        .
        -       2       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23173806        23173869        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23175997        23176071        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23179438        23179649        .
        -       2       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23180734        23180817        .
        -       2       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23181018        23181084        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23182226        23182364        .
        -       1       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23184643        23184848        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    CDS     23187240        23187280        .
        -       2       Parent=Smp_130520.2
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SM_V9_PAR2      iris    CDS     23187321        23187537        .
        -       0       Parent=Smp_130520.2
SM_V9_PAR2      iris    mRNA    23137758        23187630        .
        -       .
ID=Smp_130520.3;Parent=Smp_130520;geneID=Smp_130520;gene_name=Smp_13
0520;owner=irisadmin@local.host;orig_id=Smp_130520.3;date_last_modif
ied=2022-07-19;Name=Smp_130520.3;product=Prominin-1;date_creation=20
22-07-19
SM_V9_PAR2      iris    exon    23137758        23139134        .
        -       .       Parent=Smp_130520.3;Name=5670c8f1-df03-4519-
b571-d2c187d9f239
SM_V9_PAR2      iris    exon    23151710        23151772        .
        -       .
Parent=Smp_130520.3;Name=36c5495b-9ed2-42c4-875d-37d33c55072c
SM_V9_PAR2      iris    exon    23155165        23155286        .
        -       .       Parent=Smp_130520.3;Name=77e0ef39-4b72-40cb-
a2d5-beda05ac6f56
SM_V9_PAR2      iris    exon    23155672        23155827        .
        -       .
Parent=Smp_130520.3;Name=80609c69-46b0-4f77-8f56-b8a2e5455dee
SM_V9_PAR2      iris    exon    23157722        23157895        .
        -       .       Parent=Smp_130520.3;Name=a71d3eed-
c3c5-4acc-9355-0f40ac261fff
SM_V9_PAR2      iris    exon    23161460        23161528        .
        -       .       Parent=Smp_130520.3;Name=5e9904eb-4bf3-407b-
afc4-a46ca73e86c4
SM_V9_PAR2      iris    exon    23164141        23164290        .
        -       .       Parent=Smp_130520.3;Name=337cccd9-a586-4c37-
b114-c8307a78c94b
SM_V9_PAR2      iris    exon    23166456        23166825        .
        -       .       Parent=Smp_130520.3;Name=24f33f82-
c4c5-4873-8d52-46853f14891b
SM_V9_PAR2      iris    exon    23167870        23168031        .
        -       .
Parent=Smp_130520.3;Name=67746286-8944-4f7d-8ea4-0eaacfbb98d9
SM_V9_PAR2      iris    exon    23172170        23172323        .
        -       .
Parent=Smp_130520.3;Name=e9a9f7fa-3f19-4a89-95d8-a09b14e42351
SM_V9_PAR2      iris    exon    23173806        23173869        .
        -       .       Parent=Smp_130520.3;Name=9dbfa072-1456-4482-
bb4a-157b3e3ab7df
SM_V9_PAR2      iris    exon    23175997        23176071        .
        -       .       Parent=Smp_130520.3;Name=3f36caa3-c1f5-4e61-
b8b9-cd3cb17d7825
SM_V9_PAR2      iris    exon    23179438        23179649        .
        -       .       Parent=Smp_130520.3;Name=f5007c2f-6c4b-4bab-
b05e-fc6e28c2ff62
SM_V9_PAR2      iris    exon    23180734        23180817        .
        -       .       Parent=Smp_130520.3;Name=86086322-290c-41c9-
bd10-227325f6d8d8
SM_V9_PAR2      iris    exon    23181018        23181084        .
        -       .       Parent=Smp_130520.3;Name=748cbeca-6439-428d-
bb5b-b4ddc5d34164
SM_V9_PAR2      iris    exon    23182226        23182364        .
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        -       .       Parent=Smp_130520.3;Name=a582152e-4b4f-45d1-
a4f5-0f81096490a4
SM_V9_PAR2      iris    exon    23184643        23184848        .
        -       .
Parent=Smp_130520.3;Name=032647a2-614a-41c0-8eab-62d73a486cb9
SM_V9_PAR2      iris    exon    23187240        23187280        .
        -       .       Parent=Smp_130520.3;Name=2d240b53-
a52c-4ec8-9681-6e42efed66ed
SM_V9_PAR2      iris    exon    23187321        23187630        .
        -       .
Parent=Smp_130520.3;Name=0a583eb7-2633-48bb-9a0d-54e86398e977
SM_V9_PAR2      iris    CDS     23139110        23139134        .
        -       1       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23151710        23151772        .
        -       1       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23155165        23155286        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23155672        23155827        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23157722        23157895        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23161460        23161528        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23164141        23164290        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23166456        23166825        .
        -       1       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23167870        23168031        .
        -       1       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23172170        23172323        .
        -       2       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23173806        23173869        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23175997        23176071        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23179438        23179649        .
        -       2       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23180734        23180817        .
        -       2       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23181018        23181084        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23182226        23182364        .
        -       1       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23184643        23184848        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23187240        23187280        .
        -       2       Parent=Smp_130520.3
SM_V9_PAR2      iris    CDS     23187321        23187537        .
        -       0       Parent=Smp_130520.3
SM_V9_PAR2      iris    mRNA    23137758        23187630        .
        -       .
ID=Smp_130520.4;Parent=Smp_130520;geneID=Smp_130520;gene_name=Smp_13
0520;owner=irisadmin@local.host;orig_id=Smp_130520.4;date_last_modif
ied=2022-07-19;Name=Smp_130520.4;product=Prominin-1;date_creation=20
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22-07-19
SM_V9_PAR2      iris    exon    23137758        23139134        .
        -       .       Parent=Smp_130520.4;Name=ac7c5c4b-
eaa9-4c58-9ff0-f89e368d603a
SM_V9_PAR2      iris    exon    23144339        23144373        .
        -       .
Parent=Smp_130520.4;Name=3241f796-4d0f-4231-923a-bb9fab67b1f8
SM_V9_PAR2      iris    exon    23147402        23147449        .
        -       .       Parent=Smp_130520.4;Name=39a79de6-
e2a4-4225-87e2-5e8679eca121
SM_V9_PAR2      iris    exon    23148074        23148112        .
        -       .       Parent=Smp_130520.4;Name=cd60a9fd-9bf1-46d9-
bf91-456a4f470043
SM_V9_PAR2      iris    exon    23148457        23148488        .
        -       .       Parent=Smp_130520.4;Name=ad1d5583-
fb34-4aba-86c6-f30728895fe2
SM_V9_PAR2      iris    exon    23151710        23151772        .
        -       .       Parent=Smp_130520.4;Name=9c44874c-
bd3b-4f71-9d76-70d1cd773a5e
SM_V9_PAR2      iris    exon    23155165        23155286        .
        -       .
Parent=Smp_130520.4;Name=11574c73-5260-4754-81c4-f1294d5edf54
SM_V9_PAR2      iris    exon    23155672        23155827        .
        -       .       Parent=Smp_130520.4;Name=89c4b22e-5e7a-48db-
b61a-c6ed0289c207
SM_V9_PAR2      iris    exon    23157722        23157895        .
        -       .
Parent=Smp_130520.4;Name=5fa7ff53-48eb-44d9-9e6c-2349f5683550
SM_V9_PAR2      iris    exon    23161460        23161528        .
        -       .       Parent=Smp_130520.4;Name=c7aa209d-8aec-44fb-
b1ad-72da2799b099
SM_V9_PAR2      iris    exon    23164141        23164290        .
        -       .
Parent=Smp_130520.4;Name=897952a0-601f-49bb-8081-2ee1bf32b28b
SM_V9_PAR2      iris    exon    23166456        23166825        .
        -       .
Parent=Smp_130520.4;Name=899c657f-46d0-4c0d-9a77-0392dfb6668e
SM_V9_PAR2      iris    exon    23167870        23168031        .
        -       .
Parent=Smp_130520.4;Name=a7368800-0c0b-4a08-8390-ce5addc0737c
SM_V9_PAR2      iris    exon    23172170        23172323        .
        -       .
Parent=Smp_130520.4;Name=d724cf3c-45d0-4290-9763-d768b7c5e943
SM_V9_PAR2      iris    exon    23173806        23173869        .
        -       .       Parent=Smp_130520.4;Name=8ba0ef43-3c11-4ddd-
b138-be1e8f1c9280
SM_V9_PAR2      iris    exon    23175997        23176071        .
        -       .       Parent=Smp_130520.4;Name=39b4184e-d266-4284-
b2f9-9a69323fe888
SM_V9_PAR2      iris    exon    23179438        23179649        .
        -       .       Parent=Smp_130520.4;Name=8c95192c-ea0a-47fe-
ac1d-3cf250d694e2
SM_V9_PAR2      iris    exon    23180734        23180817        .
        -       .
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Parent=Smp_130520.4;Name=380776bb-971e-4b6c-8b63-c763cd11687b
SM_V9_PAR2      iris    exon    23181018        23181084        .
        -       .
Parent=Smp_130520.4;Name=50561358-4b2e-459f-87d2-f0b2c0b4b789
SM_V9_PAR2      iris    exon    23182226        23182364        .
        -       .
Parent=Smp_130520.4;Name=a849f162-82ea-4435-804d-e88dcaef9cbb
SM_V9_PAR2      iris    exon    23184643        23184848        .
        -       .       Parent=Smp_130520.4;Name=47366fdb-
f78a-4678-85b4-27c85e2f08f9
SM_V9_PAR2      iris    exon    23187240        23187280        .
        -       .
Parent=Smp_130520.4;Name=816ee17b-5ff7-4bfc-8139-91a54dd28099
SM_V9_PAR2      iris    exon    23187321        23187630        .
        -       .       Parent=Smp_130520.4;Name=c554adfc-2e00-4a27-
b25a-b3cedaa7b7dc
SM_V9_PAR2      iris    CDS     23144342        23144373        .
        -       2       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23147402        23147449        .
        -       2       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23148074        23148112        .
        -       2       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23148457        23148488        .
        -       1       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23151710        23151772        .
        -       1       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23155165        23155286        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23155672        23155827        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23157722        23157895        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23161460        23161528        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23164141        23164290        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23166456        23166825        .
        -       1       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23167870        23168031        .
        -       1       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23172170        23172323        .
        -       2       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23173806        23173869        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23175997        23176071        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23179438        23179649        .
        -       2       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23180734        23180817        .
        -       2       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23181018        23181084        .
        -       0       Parent=Smp_130520.4
SM_V9_PAR2      iris    CDS     23182226        23182364        .
        -       1       Parent=Smp_130520.4
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SM_V9_PAR2	iris	CDS	23184643	23184848	.
	-	0	Parent=Smp_130520.4
SM_V9_PAR2	iris	CDS	23187240	23187280	.
	-	2	Parent=Smp_130520.4
SM_V9_PAR2	iris	CDS	23187321	23187537	.
	-	0	Parent=Smp_130520.4
SM_V9_PAR2	Liftoff	gene	23263868	23270965	.
	-	.
ID=Smp_342500;geneID=Smp_342500;previous_systematic_id=Smp_130510
SM_V9_PAR2	Liftoff	mRNA	23263868	23270965	.
	-	.
ID=Smp_342500.1;Parent=Smp_342500;geneID=Smp_342500;product=Uncharac
terized protein
CG43867;polypeptide_domain=InterPro:IPR000857,IPR001849,IPR011993
Pfam:PF00784;Ontology_term=GO:0005856
SM_V9_PAR2	Liftoff	exon	23263868	23270965	.
	-	.	Parent=Smp_342500.1
SM_V9_PAR2	Liftoff	CDS	23264922	23270894	.
	-	0	Parent=Smp_342500.1
SM_V9_PAR2	iris	gene	23289888	23293192	.
	-	.
ID=Smp_130500;geneID=Smp_130500;gene_name=Smp_130500;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	23289888	23293192	.
	-	.
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0500;owner=irisadmin@local.host;orig_id=Smp_130500.1;date_last_modif
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L-type skeletal muscle calcium channel subunit
alpha-1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	23289888	23293192	.
	-	.	Parent=Smp_130500.1;Name=c0349d93-bb10-498f-
a24b-539c2705979c
SM_V9_PAR2	iris	CDS	23292594	23292977	.
	-	0	Parent=Smp_130500.1
SM_V9_PAR2	Liftoff	gene	23296162	23298075	.
	-	.	ID=Smp_130490;geneID=Smp_130490
SM_V9_PAR2	Liftoff	mRNA	23296162	23298075	.
	-	.
ID=Smp_130490.1;Parent=Smp_130490;geneID=Smp_130490;product=39S
ribosomal protein L55,
mitochondrial;polypeptide_domain=InterPro:IPR018615
Pfam:PF09776;Ontology_term=GO:0003735,GO:0005762
SM_V9_PAR2	Liftoff	exon	23296162	23296363	.
	-	.	Parent=Smp_130490.1
SM_V9_PAR2	Liftoff	exon	23297733	23297877	.
	-	.	Parent=Smp_130490.1
SM_V9_PAR2	Liftoff	exon	23297915	23298075	.
	-	.	Parent=Smp_130490.1
SM_V9_PAR2	Liftoff	CDS	23296217	23296363	.
	-	0	Parent=Smp_130490.1
SM_V9_PAR2	Liftoff	CDS	23297733	23297877	.
	-	1	Parent=Smp_130490.1
SM_V9_PAR2	Liftoff	CDS	23297915	23297964	.
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        -       0       Parent=Smp_130490.1
SM_V9_PAR2      Liftoff gene    23312089        23318974        .
        +       .       ID=Smp_323960;geneID=Smp_323960
SM_V9_PAR2      Liftoff mRNA    23312089        23318974        .
        +       .
ID=Smp_323960.1;Parent=Smp_323960;geneID=Smp_323960;product=T-cell
leukemia homeobox protein
2;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR02047
9 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_PAR2      Liftoff exon    23312089        23312612        .
        +       .       Parent=Smp_323960.1
SM_V9_PAR2      Liftoff exon    23315254        23315336        .
        +       .       Parent=Smp_323960.1
SM_V9_PAR2      Liftoff exon    23316186        23316319        .
        +       .       Parent=Smp_323960.1
SM_V9_PAR2      Liftoff exon    23318602        23318974        .
        +       .       Parent=Smp_323960.1
SM_V9_PAR2      Liftoff CDS     23312111        23312612        .
        +       0       Parent=Smp_323960.1
SM_V9_PAR2      Liftoff CDS     23315254        23315336        .
        +       2       Parent=Smp_323960.1
SM_V9_PAR2      Liftoff CDS     23316186        23316319        .
        +       0       Parent=Smp_323960.1
SM_V9_PAR2      Liftoff CDS     23318602        23318743        .
        +       1       Parent=Smp_323960.1
SM_V9_PAR2      iris    gene    23327979        23360862        .
        +       .
ID=Smp_130480;geneID=Smp_130480;gene_name=Smp_130480;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    23327979        23360862        .
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ID=Smp_130480.1;Parent=Smp_130480;geneID=Smp_130480;gene_name=Smp_13
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ied=2022-07-19;Name=Smp_130480.1;product=TBC1 domain family member
15;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    23327979        23328076        .
        +       .
Parent=Smp_130480.1;Name=09ff8768-80a7-4c16-9e34-c402b1f1e386
SM_V9_PAR2      iris    exon    23330042        23330158        .
        +       .       Parent=Smp_130480.1;Name=677508c8-606b-4dfd-
aa21-64861ae4a327
SM_V9_PAR2      iris    exon    23330198        23330240        .
        +       .       Parent=Smp_130480.1;Name=7bc0a73e-4786-4190-
bbf4-144ba9641576
SM_V9_PAR2      iris    exon    23330280        23330487        .
        +       .       Parent=Smp_130480.1;Name=3df70ef1-
a210-43a1-808c-34b076801a3d
SM_V9_PAR2      iris    exon    23335775        23335855        .
        +       .       Parent=Smp_130480.1;Name=160ca411-a479-4113-
b143-36d00ed1b6f9
SM_V9_PAR2      iris    exon    23336444        23336732        .
        +       .       Parent=Smp_130480.1;Name=855d8b5d-
fe5f-4ce2-8269-0da4a76a4dd1
SM_V9_PAR2      iris    exon    23338234        23338374        .
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        +       .       Parent=Smp_130480.1;Name=43aed854-9ed8-4629-
a021-7d05016b314d
SM_V9_PAR2      iris    exon    23340258        23340361        .
        +       .
Parent=Smp_130480.1;Name=468e0e72-5813-4796-9cd5-0599a43abed5
SM_V9_PAR2      iris    exon    23344873        23344967        .
        +       .       Parent=Smp_130480.1;Name=d3fed8f1-
c73f-4a28-87b4-0f3bedc3e9c5
SM_V9_PAR2      iris    exon    23350320        23350436        .
        +       .       Parent=Smp_130480.1;Name=65b5ba1a-2245-4ad9-
ab99-b8ba83fcbbbe
SM_V9_PAR2      iris    exon    23352142        23352242        .
        +       .
Parent=Smp_130480.1;Name=71c82889-7551-45fd-819b-d2f96388efa2
SM_V9_PAR2      iris    exon    23354078        23354177        .
        +       .       Parent=Smp_130480.1;Name=b032fefe-
c21f-454b-9a4f-d33987f636d9
SM_V9_PAR2      iris    exon    23357353        23357450        .
        +       .
Parent=Smp_130480.1;Name=f733bb4b-2199-4595-8bc1-9524c7691ae9
SM_V9_PAR2      iris    exon    23359250        23359366        .
        +       .       Parent=Smp_130480.1;Name=95f23caf-5888-4e1d-
b2c0-9bb167d10243
SM_V9_PAR2      iris    exon    23360144        23360862        .
        +       .       Parent=Smp_130480.1;Name=2e217b2d-32a1-4663-
bb69-55a897e2c3a6
SM_V9_PAR2      iris    CDS     23330090        23330158        .
        +       0       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23330198        23330240        .
        +       0       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23330280        23330487        .
        +       2       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23335775        23335855        .
        +       1       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23336444        23336732        .
        +       1       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23338234        23338374        .
        +       0       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23340258        23340361        .
        +       0       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23344873        23344967        .
        +       1       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23350320        23350436        .
        +       2       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23352142        23352242        .
        +       2       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23354078        23354177        .
        +       0       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23357353        23357450        .
        +       2       Parent=Smp_130480.1
SM_V9_PAR2      iris    CDS     23359250        23359366        .
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SM_V9_PAR2      iris    CDS     23360144        23360482        .
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SM_V9_PAR2      Liftoff gene    23369389        23419247        .
        +       .       ID=Smp_130470;geneID=Smp_130470
SM_V9_PAR2      Liftoff mRNA    23369389        23419247        .
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ID=Smp_130470.1;Parent=Smp_130470;geneID=Smp_130470;product=Chromodo
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9;polypeptide_domain=InterPro:IPR000330,IPR000953,IPR001650,IPR00657
6,IPR014001,IPR016197,IPR023780,IPR027417
Pfam:PF00176,PF00271,PF00385,PF07533;Ontology_term=GO:0005515,GO:000
5524,GO:0016817
SM_V9_PAR2      Liftoff exon    23369389        23371414        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23373688        23374367        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23375416        23375560        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23376839        23376961        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23379496        23379737        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23382101        23382209        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23383512        23384309        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23384861        23385409        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23390842        23391084        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23391173        23391358        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23391939        23392120        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23394197        23394270        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23397391        23397671        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23398373        23398549        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23399822        23399932        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23400081        23401068        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23401534        23401743        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23404301        23404487        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23405318        23405753        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23407318        23407391        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23408720        23409000        .
        +       .       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff exon    23409511        23409775        .
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SM_V9_PAR2	Liftoff	exon	23411103	23411635	.
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SM_V9_PAR2	Liftoff	exon	23412307	23412458	.
	+	.	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	exon	23413431	23414594	.
	+	.	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	exon	23415590	23416028	.
	+	.	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	exon	23417470	23419247	.
	+	.	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23369516	23371414	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23373688	23374367	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23375416	23375560	.
	+	1	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23376839	23376961	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23379496	23379737	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23382101	23382209	.
	+	1	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23383512	23384309	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23384861	23385409	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23390842	23391084	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23391173	23391358	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23391939	23392120	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23394197	23394270	.
	+	1	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23397391	23397671	.
	+	2	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23398373	23398549	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23399822	23399932	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23400081	23401068	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23401534	23401743	.
	+	2	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23404301	23404487	.
	+	2	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23405318	23405753	.
	+	1	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23407318	23407391	.
	+	0	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23408720	23409000	.
	+	1	Parent=Smp_130470.1
SM_V9_PAR2	Liftoff	CDS	23409511	23409775	.
	+	2	Parent=Smp_130470.1
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SM_V9_PAR2      Liftoff CDS     23411103        23411635        .
        +       1       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff CDS     23412307        23412458        .
        +       2       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff CDS     23413431        23414594        .
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SM_V9_PAR2      Liftoff CDS     23415590        23416028        .
        +       0       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff CDS     23417470        23418284        .
        +       2       Parent=Smp_130470.1
SM_V9_PAR2      Liftoff mRNA    23369389        23419247        .
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ID=Smp_130470.2;Parent=Smp_130470;geneID=Smp_130470;product=Chromodo
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6;polypeptide_domain=InterPro:IPR000330,IPR000953,IPR001650,IPR00657
6,IPR014001,IPR016197,IPR023780,IPR027417
Pfam:PF00176,PF00271,PF00385,PF07533;Ontology_term=GO:0005515,GO:000
5524,GO:0016817
SM_V9_PAR2      Liftoff exon    23369389        23371414        .
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SM_V9_PAR2      Liftoff exon    23373688        23374367        .
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SM_V9_PAR2      Liftoff exon    23375416        23375560        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23376839        23376961        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23379496        23379737        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23382101        23382209        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23383512        23384309        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23384861        23385409        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23390842        23391084        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23391173        23391358        .
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SM_V9_PAR2      Liftoff exon    23391939        23392120        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23394197        23394270        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23397391        23397671        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23398373        23398549        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23399822        23399932        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23400081        23401068        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23404301        23404487        .
        +       .       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff exon    23405318        23405753        .
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SM_V9_PAR2	Liftoff	exon	23407318	23407391	.
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SM_V9_PAR2	Liftoff	exon	23408720	23409000	.
	+	.	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	exon	23409511	23409775	.
	+	.	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	exon	23411103	23411635	.
	+	.	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	exon	23412307	23412458	.
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SM_V9_PAR2	Liftoff	exon	23413431	23414594	.
	+	.	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	exon	23415590	23416028	.
	+	.	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	exon	23417470	23419247	.
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SM_V9_PAR2	Liftoff	CDS	23369516	23371414	.
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SM_V9_PAR2	Liftoff	CDS	23373688	23374367	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23375416	23375560	.
	+	1	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23376839	23376961	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23379496	23379737	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23382101	23382209	.
	+	1	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23383512	23384309	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23384861	23385409	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23390842	23391084	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23391173	23391358	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23391939	23392120	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23394197	23394270	.
	+	1	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23397391	23397671	.
	+	2	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23398373	23398549	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23399822	23399932	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23400081	23401068	.
	+	0	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23404301	23404487	.
	+	2	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23405318	23405753	.
	+	1	Parent=Smp_130470.2
SM_V9_PAR2	Liftoff	CDS	23407318	23407391	.
	+	0	Parent=Smp_130470.2
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SM_V9_PAR2      Liftoff CDS     23408720        23409000        .
        +       1       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff CDS     23409511        23409775        .
        +       2       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff CDS     23411103        23411635        .
        +       1       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff CDS     23412307        23412458        .
        +       2       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff CDS     23413431        23414594        .
        +       0       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff CDS     23415590        23416028        .
        +       0       Parent=Smp_130470.2
SM_V9_PAR2      Liftoff CDS     23417470        23418284        .
        +       2       Parent=Smp_130470.2
SM_V9_PAR2      iris    gene    23430338        23452991        .
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        +       .       Parent=Smp_130460.1;Name=28767935-d62f-463c-
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        +       .       Parent=Smp_130460.1;Name=6be2b9a4-5a65-4ef1-
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SM_V9_PAR2	iris	exon	23449971	23450309	.
	+	.	Parent=Smp_130460.1;Name=14cf8d32-
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SM_V9_PAR2	iris	CDS	23435117	23435209	.
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SM_V9_PAR2	iris	CDS	23443029	23443189	.
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SM_V9_PAR2	iris	gene	23458526	23464703	.
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SM_V9_PAR2      iris    exon    23463071        23463208        .
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SM_V9_PAR2      iris    exon    23464062        23464703        .
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49
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SM_V9_PAR2      Liftoff exon    23540861        23541117        .
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SM_V9_PAR2      Liftoff exon    23573288        23573494        .
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SM_V9_PAR2	Liftoff	exon	23603379	23603420	.
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SM_V9_PAR2	Liftoff	exon	23604888	23609351	.
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SM_V9_PAR2	Liftoff	CDS	23559726	23560003	.
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SM_V9_PAR2	Liftoff	CDS	23603379	23603420	.
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        -       0       Parent=Smp_015220.1
SM_V9_PAR2      Liftoff CDS     23610550        23611767        .
        -       0       Parent=Smp_015220.1
SM_V9_PAR2      Liftoff CDS     23612509        23612636        .
        -       2       Parent=Smp_015220.1
SM_V9_PAR2      Liftoff CDS     23613698        23613848        .
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SM_V9_PAR2      Liftoff mRNA    23609377        23618603        .
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GO:0006355
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SM_V9_PAR2      Liftoff exon    23610550        23611767        .
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SM_V9_PAR2      Liftoff exon    23612509        23612636        .
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SM_V9_PAR2      Liftoff exon    23613698        23613863        .
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SM_V9_PAR2      Liftoff exon    23617516        23618603        .
        -       .       Parent=Smp_015220.2
SM_V9_PAR2      Liftoff CDS     23609766        23610305        .
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SM_V9_PAR2      Liftoff CDS     23612509        23612636        .
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SM_V9_PAR2      Liftoff CDS     23613698        23613863        .
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SM_V9_PAR2      iris    CDS     23634511        23634833        .
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        +       .       ID=Smp_130430;geneID=Smp_130430
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structural Similarity;polypeptide_domain=InterPro:IPR003923
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SM_V9_PAR2      iris    exon    23685119        23685349        .
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SM_V9_PAR2      iris    CDS     23671271        23671406        .
        -       2       Parent=Smp_306610.1
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ID=Smp_130410.1;Parent=Smp_130410;geneID=Smp_130410;product=Cytoplas
mic dynein 1 light intermediate chain
2;polypeptide_domain=InterPro:IPR022780,IPR027417 Pfam:PF05783
SM_V9_PAR2      Liftoff exon    23689948        23690412        .
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SM_V9_PAR2      Liftoff exon    23693303        23693474        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23697146        23697346        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23700403        23700556        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23700598        23700733        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23704457        23704550        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23705041        23705351        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23706548        23706778        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23706819        23707009        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff exon    23707046        23707193        .
        -       .       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23690198        23690412        .
        -       2       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23693303        23693474        .
        -       0       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23697146        23697346        .
        -       0       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23700403        23700556        .
        -       1       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23700598        23700733        .
        -       2       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23704457        23704550        .
        -       0       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23705041        23705351        .
        -       2       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23706548        23706778        .
        -       2       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23706819        23707009        .
        -       1       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff CDS     23707046        23707119        .
        -       0       Parent=Smp_130410.1
SM_V9_PAR2      Liftoff gene    23715024        23715296        .
        +       .       ID=Smp_015160;geneID=Smp_015160
SM_V9_PAR2      Liftoff mRNA    23715024        23715296        .
        +       .
ID=Smp_015160.1;Parent=Smp_015160;geneID=Smp_015160;product=Alanine
racemase
SM_V9_PAR2      Liftoff exon    23715024        23715296        .
        +       .       Parent=Smp_015160.1
SM_V9_PAR2      Liftoff CDS     23715024        23715296        .
        +       0       Parent=Smp_015160.1
SM_V9_PAR2      iris    gene    23740269        23749053        .
        +       .
ID=Smp_198850;geneID=Smp_198850;gene_name=Smp_198850;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    23740269        23749053        .
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ID=Smp_198850.1;Parent=Smp_198850;geneID=Smp_198850;gene_name=Smp_19
8850;owner=irisadmin@local.host;orig_id=Smp_198850.2;date_last_modif
ied=2022-07-19;Name=Smp_198850.1;product=Vacuolar-sorting protein
SNF8;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    23740269        23740723        .
        +       .
Parent=Smp_198850.1;Name=0dd4646e-794e-48b8-994f-f1147a3a128d
SM_V9_PAR2      iris    exon    23744729        23745018        .
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Parent=Smp_198850.1;Name=adbb6170-0dca-432d-9b8d-cf6b9e3db8f8
SM_V9_PAR2      iris    exon    23747252        23749053        .
        +       .       Parent=Smp_198850.1;Name=20730f58-ebbf-4574-
b931-605005a78d9d
SM_V9_PAR2      iris    CDS     23740409        23740723        .
        +       0       Parent=Smp_198850.1
SM_V9_PAR2      iris    CDS     23744729        23745018        .
        +       0       Parent=Smp_198850.1
SM_V9_PAR2      iris    CDS     23747252        23747393        .
        +       1       Parent=Smp_198850.1
SM_V9_PAR2      iris    gene    23752963        23769499        .
        -       .
ID=Smp_333240;geneID=Smp_333240;gene_name=Smp_333240;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    23752963        23769499        .
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ID=Smp_333240.1;Parent=Smp_333240;geneID=Smp_333240;gene_name=Smp_33
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ied=2022-07-19;Name=Smp_333240.1;product=Solute carrier family 52,
riboflavin transporter, member 3-A;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    23752963        23753410        .
        -       .       Parent=Smp_333240.1;Name=16770be4-
e647-4821-9917-f0c6e78183a0
SM_V9_PAR2      iris    exon    23754956        23755473        .
        -       .       Parent=Smp_333240.1;Name=1e54c98d-7f1d-4caf-
bb33-a5608ba11e75
SM_V9_PAR2      iris    exon    23759652        23759939        .
        -       .       Parent=Smp_333240.1;Name=24c3720c-465e-4f6e-
a86e-97f8dc1946bb
SM_V9_PAR2      iris    exon    23764574        23764814        .
        -       .
Parent=Smp_333240.1;Name=9141c1b1-747f-44e1-9c44-df7fc4789a53
SM_V9_PAR2      iris    exon    23767461        23767625        .
        -       .       Parent=Smp_333240.1;Name=0112ab0a-
ecd1-4779-9de7-c219c1208e67
SM_V9_PAR2      iris    exon    23769278        23769499        .
        -       .       Parent=Smp_333240.1;Name=15f44d93-
c7ad-4d13-9f14-4e98b2de5ea1
SM_V9_PAR2      iris    CDS     23753201        23753410        .
        -       0       Parent=Smp_333240.1
SM_V9_PAR2      iris    CDS     23754956        23755473        .
        -       2       Parent=Smp_333240.1
SM_V9_PAR2      iris    CDS     23759652        23759939        .
        -       2       Parent=Smp_333240.1
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SM_V9_PAR2	iris	CDS	23764574	23764814	.
	-	0	Parent=Smp_333240.1
SM_V9_PAR2	iris	CDS	23767461	23767625	.
	-	0	Parent=Smp_333240.1
SM_V9_PAR2	iris	CDS	23769278	23769451	.
	-	0	Parent=Smp_333240.1
SM_V9_PAR2	iris	gene	23826920	23837663	.
	-	.
ID=Smp_266810;geneID=Smp_266810;gene_name=Smp_266810;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
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ID=Smp_266810.1;Parent=Smp_266810;geneID=Smp_266810;gene_name=Smp_26
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ied=2022-07-19;Name=Smp_266810.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	23826920	23827382	.
	-	.	Parent=Smp_266810.1;Name=f63bec2e-1d8a-4c44-
b563-b96aa12129b0
SM_V9_PAR2	iris	exon	23827667	23828461	.
	-	.	Parent=Smp_266810.1;Name=2627852d-ef8f-4ca3-
b75f-e22d9f04b558
SM_V9_PAR2	iris	exon	23831249	23832627	.
	-	.
Parent=Smp_266810.1;Name=670f3ac1-1ec6-426f-9e7c-d1c996127c31
SM_V9_PAR2	iris	exon	23837591	23837663	.
	-	.	Parent=Smp_266810.1;Name=1f1dd3c4-
f1c9-4c5c-81bc-cd44eca7bc5c
SM_V9_PAR2	iris	CDS	23827080	23827382	.
	-	0	Parent=Smp_266810.1
SM_V9_PAR2	iris	CDS	23827667	23828461	.
	-	0	Parent=Smp_266810.1
SM_V9_PAR2	iris	CDS	23831249	23832130	.
	-	0	Parent=Smp_266810.1
SM_V9_PAR2	iris	gene	23844084	23886384	.
	-	.
ID=Smp_266800;geneID=Smp_266800;gene_name=Smp_266800;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	23844084	23886384	.
	-	.
ID=Smp_266800.1;Parent=Smp_266800;geneID=Smp_266800;gene_name=Smp_26
6800;owner=irisadmin@local.host;orig_id=Smp_266800.4;date_last_modif
ied=2022-07-19;Name=Smp_266800.1;product=Long-chain-fatty-acid--CoA
ligase 1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	23844084	23844490	.
	-	.	Parent=Smp_266800.1;Name=e35b9fdf-9e15-4442-
bc5a-dfe6c81d8789
SM_V9_PAR2	iris	exon	23847445	23847777	.
	-	.
Parent=Smp_266800.1;Name=cfb73596-7ce1-4add-8ae2-f32e2c4c554d
SM_V9_PAR2	iris	exon	23849483	23849599	.
	-	.	Parent=Smp_266800.1;Name=6820a007-6567-4ba3-
bce8-ea1e31ab9e44
SM_V9_PAR2	iris	exon	23858014	23858178	.
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Parent=Smp_266800.1;Name=17bed44a-5d81-42ff-8f3b-7f0534c5e2c7
SM_V9_PAR2      iris    exon    23859393        23859540        .
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Parent=Smp_266800.1;Name=58694ad3-5f88-4d73-8d00-d35cdef934fe
SM_V9_PAR2      iris    exon    23861376        23861593        .
        -       .       Parent=Smp_266800.1;Name=6ac4ac36-beec-45b5-
b3e0-f4283f0d63bc
SM_V9_PAR2      iris    exon    23862755        23862823        .
        -       .       Parent=Smp_266800.1;Name=3a774f9d-
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SM_V9_PAR2      iris    exon    23863748        23863827        .
        -       .       Parent=Smp_266800.1;Name=e5ef51a0-
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SM_V9_PAR2      iris    exon    23864372        23864423        .
        -       .       Parent=Smp_266800.1;Name=c4777b01-aabd-4e8f-
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SM_V9_PAR2      iris    exon    23867523        23867555        .
        -       .       Parent=Smp_266800.1;Name=9a07ebf9-9db9-4f4a-
a25f-20774bf82ed9
SM_V9_PAR2      iris    exon    23872840        23872872        .
        -       .
Parent=Smp_266800.1;Name=a9af5fe7-06fc-4bdc-8792-c46e70a271de
SM_V9_PAR2      iris    exon    23877396        23877565        .
        -       .       Parent=Smp_266800.1;Name=9cd44ded-e84e-44ec-
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SM_V9_PAR2      iris    exon    23878032        23878131        .
        -       .       Parent=Smp_266800.1;Name=6b1bc2ca-e73f-4440-
aa0d-d9f904b98d06
SM_V9_PAR2      iris    exon    23879667        23879771        .
        -       .
Parent=Smp_266800.1;Name=e0ecbd5c-468b-4715-8592-9eab6d5694bc
SM_V9_PAR2      iris    exon    23879808        23879875        .
        -       .
Parent=Smp_266800.1;Name=44eb5ee3-5544-4640-903a-f2d863524f42
SM_V9_PAR2      iris    exon    23883430        23883526        .
        -       .       Parent=Smp_266800.1;Name=0c649492-2d20-4682-
bcf5-7cd077d3a113
SM_V9_PAR2      iris    exon    23885501        23885610        .
        -       .       Parent=Smp_266800.1;Name=cec03dbf-
e487-4b6b-9e59-26a54338c797
SM_V9_PAR2      iris    exon    23886171        23886384        .
        -       .       Parent=Smp_266800.1;Name=51e1b71c-28e0-4734-
bd98-58fa85034390
SM_V9_PAR2      iris    CDS     23844335        23844490        .
        -       0       Parent=Smp_266800.1
SM_V9_PAR2      iris    CDS     23847445        23847777        .
        -       0       Parent=Smp_266800.1
SM_V9_PAR2      iris    CDS     23849483        23849599        .
        -       0       Parent=Smp_266800.1
SM_V9_PAR2      iris    CDS     23858014        23858178        .
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SM_V9_PAR2      iris    CDS     23859393        23859540        .
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SM_V9_PAR2	iris	CDS	23861376	23861593	.
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SM_V9_PAR2	iris	CDS	23862755	23862823	.
	-	0	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23863748	23863827	.
	-	2	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23864372	23864423	.
	-	0	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23867523	23867555	.
	-	0	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23872840	23872872	.
	-	0	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23877396	23877565	.
	-	2	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23878032	23878131	.
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SM_V9_PAR2	iris	CDS	23879667	23879771	.
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SM_V9_PAR2	iris	CDS	23879808	23879875	.
	-	2	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23883430	23883526	.
	-	0	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23885501	23885610	.
	-	2	Parent=Smp_266800.1
SM_V9_PAR2	iris	CDS	23886171	23886177	.
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SM_V9_PAR2	Liftoff	gene	23935124	23972400	.
	+	.
ID=Smp_306630;geneID=Smp_306630;previous_systematic_id=Smp_138670
SM_V9_PAR2	Liftoff	mRNA	23935124	23972400	.
	+	.
ID=Smp_306630.1;Parent=Smp_306630;geneID=Smp_306630;product=Probable
39S ribosomal protein L19,
mitochondrial;polypeptide_domain=InterPro:IPR001857,IPR008991
Pfam:PF01245;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_PAR2	Liftoff	exon	23935124	23940599	.
	+	.	Parent=Smp_306630.1
SM_V9_PAR2	Liftoff	exon	23940644	23940818	.
	+	.	Parent=Smp_306630.1
SM_V9_PAR2	Liftoff	exon	23954503	23954630	.
	+	.	Parent=Smp_306630.1
SM_V9_PAR2	Liftoff	exon	23959926	23960060	.
	+	.	Parent=Smp_306630.1
SM_V9_PAR2	Liftoff	exon	23964886	23965073	.
	+	.	Parent=Smp_306630.1
SM_V9_PAR2	Liftoff	exon	23967381	23967538	.
	+	.	Parent=Smp_306630.1
SM_V9_PAR2	Liftoff	exon	23972137	23972400	.
	+	.	Parent=Smp_306630.1
SM_V9_PAR2	Liftoff	CDS	23940542	23940599	.
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SM_V9_PAR2	Liftoff	CDS	23940644	23940818	.
	+	2	Parent=Smp_306630.1
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SM_V9_PAR2      Liftoff CDS     23959926        23960060        .
        +       2       Parent=Smp_306630.1
SM_V9_PAR2      Liftoff CDS     23964886        23965073        .
        +       2       Parent=Smp_306630.1
SM_V9_PAR2      Liftoff CDS     23967381        23967538        .
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SM_V9_PAR2      Liftoff CDS     23972137        23972296        .
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SM_V9_PAR2      iris    gene    23992365        24031495        .
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ID=Smp_311350;geneID=Smp_311350;gene_name=Smp_311350;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    23992365        24031495        .
        +       .
ID=Smp_311350.1;Parent=Smp_311350;geneID=Smp_311350;gene_name=Smp_31
1350;owner=irisadmin@local.host;orig_id=Smp_311350.1;date_last_modif
ied=2022-07-19;Name=Smp_311350.1;product=Long-chain-fatty-acid--CoA
ligase 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    23992365        23992400        .
        +       .       Parent=Smp_311350.1;Name=78ab831a-715f-43d0-
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SM_V9_PAR2      iris    exon    23992959        23993068        .
        +       .
Parent=Smp_311350.1;Name=394e668f-7e10-4cca-8684-564f16ba48f9
SM_V9_PAR2      iris    exon    23995043        23995139        .
        +       .       Parent=Smp_311350.1;Name=44f4b955-
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SM_V9_PAR2      iris    exon    23998696        23998763        .
        +       .
Parent=Smp_311350.1;Name=e32ab1ea-0e85-4297-997b-05df840e17a2
SM_V9_PAR2      iris    exon    23998800        23998904        .
        +       .
Parent=Smp_311350.1;Name=0c5143f5-13a0-4792-8bd1-e8a91beee138
SM_V9_PAR2      iris    exon    24000406        24000505        .
        +       .       Parent=Smp_311350.1;Name=0871211b-2d85-494e-
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SM_V9_PAR2      iris    exon    24000972        24001141        .
        +       .       Parent=Smp_311350.1;Name=c0054b2b-
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SM_V9_PAR2      iris    exon    24003620        24003652        .
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Parent=Smp_311350.1;Name=0306fa99-0c3a-4467-85ec-d755f02e8c5f
SM_V9_PAR2      iris    exon    24006762        24006813        .
        +       .
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        +       .       Parent=Smp_311350.1;Name=15054bca-29ee-45b1-
bda0-732ede830221
SM_V9_PAR2      iris    exon    24009566        24009634        .
        +       .       Parent=Smp_311350.1;Name=e420cfe4-8ad8-473a-
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SM_V9_PAR2      iris    exon    24010798        24011015        .
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        +       .       Parent=Smp_311350.1;Name=5d7e4e10-a083-4788-
b75c-dcd4aaf82ef5
SM_V9_PAR2      iris    exon    24017304        24017468        .
        +       .       Parent=Smp_311350.1;Name=72302f1f-d07a-444a-
aaeb-d9ca197ea1ab
SM_V9_PAR2      iris    exon    24025980        24026096        .
        +       .       Parent=Smp_311350.1;Name=08be09db-
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SM_V9_PAR2      iris    exon    24027802        24028134        .
        +       .       Parent=Smp_311350.1;Name=24eadfc6-cc45-4b4e-
b9cc-7a61f1a1f93b
SM_V9_PAR2      iris    exon    24031089        24031495        .
        +       .       Parent=Smp_311350.1;Name=40e76b05-4c2f-405f-
acbe-6b95e661fad5
SM_V9_PAR2      iris    CDS     23992394        23992400        .
        +       0       Parent=Smp_311350.1
SM_V9_PAR2      iris    CDS     23992959        23993068        .
        +       2       Parent=Smp_311350.1
SM_V9_PAR2      iris    CDS     23995043        23995139        .
        +       0       Parent=Smp_311350.1
SM_V9_PAR2      iris    CDS     23998696        23998763        .
        +       2       Parent=Smp_311350.1
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        +       0       Parent=Smp_311350.1
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SM_V9_PAR2      iris    CDS     24031089        24031244        .
        +       0       Parent=Smp_311350.1
SM_V9_PAR2      Liftoff gene    24045325        24056646        .
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ID=Smp_242930;geneID=Smp_242930;previous_systematic_id=Smp_138660
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        +       0       Parent=Smp_242930.1
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Pfam:PF01210,PF07479;Ontology_term=GO:0004367,GO:0005975,GO:0006072,
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        -       .       Parent=Smp_030500.1
SM_V9_PAR2      Liftoff exon    24104329        24104517        .
        -       .       Parent=Smp_030500.1
SM_V9_PAR2      Liftoff exon    24106245        24106499        .
        -       .       Parent=Smp_030500.1
SM_V9_PAR2      Liftoff exon    24106534        24106721        .
        -       .       Parent=Smp_030500.1
SM_V9_PAR2      Liftoff CDS     24099504        24099817        .
        -       2       Parent=Smp_030500.1
SM_V9_PAR2      Liftoff CDS     24103670        24103862        .
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SM_V9_PAR2      Liftoff CDS     24106534        24106638        .
        -       0       Parent=Smp_030500.1
SM_V9_PAR2      Liftoff gene    24117915        24140715        .
        +       .       ID=Smp_138640;geneID=Smp_138640
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SM_V9_PAR2      Liftoff exon    24131661        24131808        .
        +       .       Parent=Smp_138640.1
SM_V9_PAR2      Liftoff exon    24134496        24134942        .
        +       .       Parent=Smp_138640.1
SM_V9_PAR2      Liftoff exon    24137206        24137667        .
        +       .       Parent=Smp_138640.1
SM_V9_PAR2      Liftoff exon    24139699        24140715        .
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@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    24143461        24231516        .
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ID=Smp_315810.2;Parent=Smp_315810;geneID=Smp_315810;gene_name=Smp_31
5810;owner=irisadmin@local.host;orig_id=Smp_315810.1;date_last_modif
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Parent=Smp_315810.1;Name=d56d1fcb-578d-47a0-855e-a7a774dfc30e
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        -       .
Parent=Smp_315810.1;Name=d8b30191-24c1-4702-8809-a8926351e406
SM_V9_PAR2      iris    exon    24175710        24175880        .
        -       .
Parent=Smp_315810.1;Name=f511302d-6249-40c5-91c0-808bbbe9379e
SM_V9_PAR2      iris    exon    24176296        24176559        .
        -       .
Parent=Smp_315810.1;Name=7c06d119-90ce-4f30-8d29-bc5e6675d7e7
SM_V9_PAR2      iris    exon    24180367        24180629        .
        -       .       Parent=Smp_315810.1;Name=50f79dda-06cf-432c-
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SM_V9_PAR2      iris    exon    24181478        24181703        .
        -       .
Parent=Smp_315810.1;Name=e6751718-7a9c-4395-920b-4f77ec3d3b22
SM_V9_PAR2      iris    exon    24184158        24184729        .
        -       .       Parent=Smp_315810.1;Name=de233ce1-
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SM_V9_PAR2      iris    exon    24188766        24188792        .
        -       .       Parent=Smp_315810.1;Name=446c1932-239e-4634-
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        -       .
Parent=Smp_315810.1;Name=e4173c08-0936-4d53-8e95-138fdb95033d
SM_V9_PAR2      iris    exon    24190285        24190491        .
        -       .       Parent=Smp_315810.1;Name=84dcb949-3121-4bc9-
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SM_V9_PAR2      iris    exon    24192314        24193048        .
        -       .       Parent=Smp_315810.1;Name=34e3613f-c69b-4b44-
ad87-24f09cc7cdb5
SM_V9_PAR2      iris    exon    24193917        24194380        .
        -       .       Parent=Smp_315810.1;Name=dd3829d8-914d-473b-
acaf-ee8cc550b60b
SM_V9_PAR2      iris    exon    24195713        24195797        .
        -       .       Parent=Smp_315810.1;Name=c56afe74-
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SM_V9_PAR2      iris    exon    24197479        24197931        .
        -       .       Parent=Smp_315810.1;Name=54c4b5e1-c2b6-4ad4-
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SM_V9_PAR2      iris    exon    24199389        24199632        .
        -       .
Parent=Smp_315810.1;Name=5cfdee9e-4edc-4342-8165-7807cf730b00
SM_V9_PAR2      iris    exon    24200479        24200762        .
        -       .       Parent=Smp_315810.1;Name=5c750bbf-f875-4a3e-
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SM_V9_PAR2      iris    exon    24202730        24203377        .
        -       .
Parent=Smp_315810.1;Name=03b7fa6b-664b-490f-87e2-caff452e70ce
SM_V9_PAR2      iris    exon    24204195        24204476        .
        -       .       Parent=Smp_315810.1;Name=bf740fbf-d3b3-403f-
bf60-777f5d02ef47
SM_V9_PAR2      iris    exon    24205111        24205329        .
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SM_V9_PAR2      iris    exon    24206216        24206473        .
        -       .       Parent=Smp_315810.1;Name=7eaefa89-8b4d-494d-
b8e0-aeb3c42e0e47
SM_V9_PAR2      iris    exon    24207964        24208123        .
        -       .       Parent=Smp_315810.1;Name=966fec40-
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SM_V9_PAR2      iris    exon    24208780        24209060        .
        -       .
Parent=Smp_315810.1;Name=ecdb81fa-7512-475d-8abc-901e8c430956
SM_V9_PAR2      iris    exon    24209855        24210182        .
        -       .       Parent=Smp_315810.1;Name=4fbc76f6-b156-4043-
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SM_V9_PAR2      iris    exon    24212311        24212548        .
        -       .       Parent=Smp_315810.1;Name=e106e2d2-5c2a-4e9d-
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SM_V9_PAR2      iris    exon    24217487        24217618        .
        -       .       Parent=Smp_315810.1;Name=dc238130-2c4b-4138-
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SM_V9_PAR2      iris    exon    24219364        24219850        .
        -       .       Parent=Smp_315810.1;Name=90be2ef7-
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SM_V9_PAR2      iris    exon    24220479        24220671        .
        -       .       Parent=Smp_315810.1;Name=a8346364-5769-4d96-
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SM_V9_PAR2      iris    exon    24222657        24223135        .
        -       .       Parent=Smp_315810.1;Name=aa1ba44a-829d-4537-
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SM_V9_PAR2      iris    exon    24225469        24225867        .
        -       .       Parent=Smp_315810.1;Name=4df3d77e-
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SM_V9_PAR2      iris    exon    24227001        24227360        .
        -       .       Parent=Smp_315810.1;Name=71f353c6-c290-4143-
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SM_V9_PAR2      iris    exon    24227780        24227938        .
        -       .       Parent=Smp_315810.1;Name=c76e126b-
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SM_V9_PAR2      iris    exon    24228587        24228745        .
        -       .       Parent=Smp_315810.1;Name=dbd4b8c4-
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SM_V9_PAR2      iris    exon    24251094        24252323        .
        -       .       Parent=Smp_315810.1;Name=a45eefef-0394-4d53-
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SM_V9_PAR2      iris    exon    24254020        24254787        .
        -       .       Parent=Smp_315810.1;Name=1137298d-bd37-4750-
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SM_V9_PAR2      iris    exon    24260782        24263163        .
        -       .
Parent=Smp_315810.1;Name=7553c19a-37c1-4bbf-95b4-bc3fd40e230a
SM_V9_PAR2      iris    exon    24264236        24264436        .
        -       .
Parent=Smp_315810.1;Name=be4d2041-408e-4787-8931-7bfe4c37c48b
SM_V9_PAR2      iris    exon    24265687        24265975        .
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SM_V9_PAR2      iris    exon    24270208        24270452        .
        -       .       Parent=Smp_315810.1;Name=2ad4ab8f-e345-4afa-
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SM_V9_PAR2      iris    exon    24273524        24273892        .
        -       .
Parent=Smp_315810.1;Name=c2b1147a-38dc-449e-8503-7c0ef0e9ee96
SM_V9_PAR2      iris    exon    24277110        24277427        .
        -       .       Parent=Smp_315810.1;Name=a7857771-5d1b-40da-
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SM_V9_PAR2      iris    exon    24279645        24279884        .
        -       .       Parent=Smp_315810.1;Name=5f173ae9-c3f6-41af-
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SM_V9_PAR2      iris    exon    24285045        24285407        .
        -       .       Parent=Smp_315810.1;Name=1814144d-5670-43d7-
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SM_V9_PAR2      iris    exon    24288229        24288453        .
        -       .
Parent=Smp_315810.1;Name=4dc5aa3b-1d51-44d5-9813-e0260acaf4bf
SM_V9_PAR2      iris    exon    24289669        24289773        .
        -       .
Parent=Smp_315810.1;Name=6d940f18-5038-4d45-90d2-7e4710c1cc0a
SM_V9_PAR2      iris    exon    24294295        24294459        .
        -       .       Parent=Smp_315810.1;Name=7cb9871f-1ed5-4d89-
b0bd-bc32cc04fa4b
SM_V9_PAR2      iris    exon    24296394        24296474        .
        -       .       Parent=Smp_315810.1;Name=c516e2d4-b670-4c2a-
b985-c2a86bbb90fe
SM_V9_PAR2      iris    exon    24297595        24297689        .
        -       .
Parent=Smp_315810.1;Name=e57115a1-0c10-44b6-9bd7-0a1b6f0dd256
SM_V9_PAR2      iris    exon    24299243        24299529        .
        -       .       Parent=Smp_315810.1;Name=4c83426d-
a658-489d-8b14-fd130012b1aa
SM_V9_PAR2      iris    exon    24302610        24302773        .
        -       .       Parent=Smp_315810.1;Name=78717c28-c9af-4e70-
be79-373e026df246
SM_V9_PAR2      iris    exon    24305083        24305304        .
        -       .
Parent=Smp_315810.1;Name=b75fd975-22ad-4846-8dc7-654037e300b0
SM_V9_PAR2      iris    exon    24309314        24309741        .
        -       .
Parent=Smp_315810.1;Name=09f31616-72dd-4bb9-84d0-b223b56c8ce9
SM_V9_PAR2      iris    exon    24310323        24310438        .
        -       .       Parent=Smp_315810.1;Name=28952980-
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SM_V9_PAR2      iris    exon    24313548        24313744        .
        -       .       Parent=Smp_315810.1;Name=673bd3bc-1802-4c48-
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SM_V9_PAR2      iris    exon    24319840        24319932        .
        -       .
Parent=Smp_315810.1;Name=cc6a0265-4593-4219-87fa-68f2101b2241
SM_V9_PAR2      iris    exon    24321689        24321766        .
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SM_V9_PAR2      iris    exon    24323288        24323377        .
        -       .
Parent=Smp_315810.1;Name=2b92b307-9c16-42ce-92f3-c05cc8444d02
SM_V9_PAR2      iris    exon    24335023        24335084        .
        -       .       Parent=Smp_315810.1;Name=993be2cc-b809-4f75-
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SM_V9_PAR2      iris    exon    24337705        24337953        .
        -       .
Parent=Smp_315810.1;Name=45aab32b-2dc0-4937-9a82-3826b9895527
SM_V9_PAR2      iris    CDS     24144418        24144740        .
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SM_V9_PAR2      iris    CDS     24147047        24147529        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24155386        24155503        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24157006        24157289        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24164076        24164976        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24168222        24168542        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24170636        24170893        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24171335        24171476        .
        -       1       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24173570        24173871        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24175096        24175584        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24175710        24175880        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24176296        24176559        .
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SM_V9_PAR2      iris    CDS     24180367        24180629        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24181478        24181703        .
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SM_V9_PAR2      iris    CDS     24184158        24184729        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24188766        24188792        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24189457        24189856        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24190285        24190491        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24192314        24193048        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24193917        24194380        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24195713        24195797        .
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SM_V9_PAR2      iris    CDS     24197479        24197931        .
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        -       0       Parent=Smp_315810.1
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SM_V9_PAR2      iris    CDS     24200479        24200762        .
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SM_V9_PAR2      iris    CDS     24202730        24203377        .
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        -       0       Parent=Smp_315810.1
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        -       1       Parent=Smp_315810.1
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        -       1       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24212311        24212548        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24217487        24217618        .
        -       2       Parent=Smp_315810.1
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        -       1       Parent=Smp_315810.1
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        -       0       Parent=Smp_315810.1
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        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24227001        24227360        .
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SM_V9_PAR2      iris    CDS     24227780        24227938        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24228587        24228745        .
        -       0       Parent=Smp_315810.1
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        -       0       Parent=Smp_315810.1
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        -       0       Parent=Smp_315810.1
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SM_V9_PAR2      iris    CDS     24265687        24265975        .
        -       1       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24270208        24270452        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24273524        24273892        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24277110        24277427        .
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SM_V9_PAR2      iris    CDS     24279645        24279884        .
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SM_V9_PAR2      iris    CDS     24294295        24294459        .
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SM_V9_PAR2      iris    CDS     24296394        24296474        .
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SM_V9_PAR2      iris    CDS     24297595        24297689        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24299243        24299529        .
        -       1       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24302610        24302773        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24305083        24305304        .
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SM_V9_PAR2      iris    CDS     24309314        24309741        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24310323        24310438        .
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SM_V9_PAR2      iris    CDS     24313548        24313744        .
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SM_V9_PAR2      iris    CDS     24319840        24319932        .
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SM_V9_PAR2      iris    CDS     24321689        24321766        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24323288        24323377        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24335023        24335084        .
        -       2       Parent=Smp_315810.1
SM_V9_PAR2      iris    CDS     24337705        24337909        .
        -       0       Parent=Smp_315810.1
SM_V9_PAR2      iris    gene    24358321        24384975        .
        +       .
ID=Smp_168660;geneID=Smp_168660;gene_name=Smp_168660;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_PAR2      iris    mRNA    24358321        24384975        .
        +       .
ID=Smp_168660.1;Parent=Smp_168660;geneID=Smp_168660;gene_name=Smp_16
8660;owner=irisadmin@local.host;orig_id=Smp_168660.1;date_last_modif
ied=2022-10-01;Name=Smp_168660.1;product=General vesicular transport
factor p115;date_creation=2022-10-01
SM_V9_PAR2      iris    exon    24358321        24358443        .
        +       .
Parent=Smp_168660.1;Name=0b0eff9c-314a-43cb-8bba-f8e03b349798
SM_V9_PAR2      iris    exon    24358478        24358564        .
        +       .       Parent=Smp_168660.1;Name=a86ef360-e1f9-4aa5-
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SM_V9_PAR2      iris    exon    24358606        24358670        .
        +       .       Parent=Smp_168660.1;Name=0c77360f-1747-4bcf-
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SM_V9_PAR2      iris    exon    24358713        24358786        .
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SM_V9_PAR2      iris    exon    24358818        24358924        .
        +       .       Parent=Smp_168660.1;Name=6d3b0397-8b3e-4e25-
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SM_V9_PAR2      iris    exon    24361405        24361563        .
        +       .       Parent=Smp_168660.1;Name=07f4920b-5ba8-4904-
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SM_V9_PAR2      iris    exon    24361814        24362125        .
        +       .
Parent=Smp_168660.1;Name=b331da6d-280a-4183-9b87-8e9cf0018fe7
SM_V9_PAR2      iris    exon    24362934        24363318        .
        +       .       Parent=Smp_168660.1;Name=ab5cfbc0-4aa1-4e8f-
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SM_V9_PAR2      iris    exon    24364766        24364974        .
        +       .       Parent=Smp_168660.1;Name=48fbc53f-5b88-470b-
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SM_V9_PAR2      iris    exon    24373013        24373287        .
        +       .       Parent=Smp_168660.1;Name=fe7d19cb-3978-4b1a-
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SM_V9_PAR2      iris    exon    24376740        24376921        .
        +       .       Parent=Smp_168660.1;Name=d8bf8c95-bf0b-494b-
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SM_V9_PAR2      iris    exon    24377823        24378110        .
        +       .       Parent=Smp_168660.1;Name=5197c1c5-
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SM_V9_PAR2      iris    exon    24379683        24379714        .
        +       .       Parent=Smp_168660.1;Name=4eeda33b-c747-454f-
b16f-47ed5bf29f9c
SM_V9_PAR2      iris    exon    24381856        24381996        .
        +       .       Parent=Smp_168660.1;Name=11179d84-760f-4097-
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        +       .       Parent=Smp_168660.1;Name=b37c4554-71d1-41fe-
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        +       0       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24358606        24358670        .
        +       0       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24358713        24358786        .
        +       1       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24358818        24358924        .
        +       2       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24361405        24361563        .
        +       0       Parent=Smp_168660.1
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        +       0       Parent=Smp_168660.1
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        +       0       Parent=Smp_168660.1
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        +       2       Parent=Smp_168660.1
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SM_V9_PAR2      iris    CDS     24373013        24373287        .
        +       0       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24376740        24376921        .
        +       1       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24377823        24378110        .
        +       2       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24379683        24379714        .
        +       2       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24381856        24381996        .
        +       0       Parent=Smp_168660.1
SM_V9_PAR2      iris    CDS     24384026        24384556        .
        +       0       Parent=Smp_168660.1
SM_V9_PAR2      iris    gene    24413612        24487670        .
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ID=Smp_168670;geneID=Smp_168670;gene_name=Smp_168670;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    24413612        24487670        .
        +       .
ID=Smp_168670.1;Parent=Smp_168670;geneID=Smp_168670;gene_name=Smp_16
8670;owner=irisadmin@local.host;orig_id=Smp_168670.1;date_last_modif
ied=2022-10-01;Name=Smp_168670.1;product=cGMP-dependent protein
kinase 1;date_creation=2022-10-01
SM_V9_PAR2      iris    exon    24413612        24415746        .
        +       .
Parent=Smp_168670.1;Name=f0d9002a-4021-4690-9e38-6f8dfc849a20
SM_V9_PAR2      iris    exon    24446262        24446428        .
        +       .       Parent=Smp_168670.1;Name=0c61248a-
f6df-4ad9-92ca-ac9ffce1ec16
SM_V9_PAR2      iris    exon    24452908        24453021        .
        +       .       Parent=Smp_168670.1;Name=6798112c-2bbb-4845-
a5fb-2a2b47c7db4e
SM_V9_PAR2      iris    exon    24454608        24454713        .
        +       .       Parent=Smp_168670.1;Name=c3ca68a3-
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SM_V9_PAR2      iris    exon    24456571        24456712        .
        +       .       Parent=Smp_168670.1;Name=febaf44e-
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SM_V9_PAR2      iris    exon    24457217        24457311        .
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Parent=Smp_168670.1;Name=8bbdddd6-9a37-4933-80cd-0e1210a0ae59
SM_V9_PAR2      iris    exon    24457877        24457948        .
        +       .       Parent=Smp_168670.1;Name=1753b573-
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SM_V9_PAR2      iris    exon    24458805        24458876        .
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Parent=Smp_168670.1;Name=369cda83-37e7-45e1-98b3-5a74c39fac94
SM_V9_PAR2      iris    exon    24460365        24460455        .
        +       .       Parent=Smp_168670.1;Name=d12ccf07-0112-49c1-
b7bb-210881d3e914
SM_V9_PAR2      iris    exon    24462672        24462811        .
        +       .       Parent=Smp_168670.1;Name=38a4a8f8-91a4-4b31-
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SM_V9_PAR2      iris    exon    24472842        24473073        .
        +       .
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Parent=Smp_168670.1;Name=40d3695c-00ee-4fdc-81f4-79dc9cc03f21
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        +       .       Parent=Smp_168670.1;Name=c795558f-e612-4f31-
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SM_V9_PAR2      iris    exon    24487228        24487670        .
        +       .
Parent=Smp_168670.1;Name=cc303a61-4702-4d4f-8dce-67f626a131ce
SM_V9_PAR2      iris    CDS     24413939        24415746        .
        +       0       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24446262        24446428        .
        +       1       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24452908        24453021        .
        +       2       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24454608        24454713        .
        +       2       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24456571        24456712        .
        +       1       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24457217        24457311        .
        +       0       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24457877        24457948        .
        +       1       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24458805        24458876        .
        +       1       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24460365        24460455        .
        +       1       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24462672        24462811        .
        +       0       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24472842        24473073        .
        +       1       Parent=Smp_168670.1
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        +       0       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24484553        24484675        .
        +       1       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24485557        24485686        .
        +       1       Parent=Smp_168670.1
SM_V9_PAR2      iris    CDS     24487228        24487323        .
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SM_V9_PAR2      Liftoff gene    24490220        24509192        .
        -       .
ID=Smp_085640;geneID=Smp_085640;previous_systematic_id=Smp_168680
SM_V9_PAR2      Liftoff mRNA    24490220        24509192        .
        -       .
ID=Smp_085640.1;Parent=Smp_085640;geneID=Smp_085640;product=COP9
signalosome complex subunit
4;polypeptide_domain=InterPro:IPR000717,IPR011990,IPR011991
Pfam:PF01399;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    24490220        24490454        .
        -       .       Parent=Smp_085640.1
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SM_V9_PAR2      Liftoff exon    24491259        24491343        .
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SM_V9_PAR2      Liftoff exon    24492845        24493124        .
        -       .       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff exon    24496447        24496685        .
        -       .       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff exon    24504121        24504274        .
        -       .       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff exon    24506879        24506982        .
        -       .       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff exon    24507018        24507172        .
        -       .       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff exon    24507204        24507280        .
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SM_V9_PAR2      Liftoff exon    24507322        24509192        .
        -       .       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff CDS     24490306        24490454        .
        -       2       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff CDS     24491259        24491343        .
        -       0       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff CDS     24492845        24493124        .
        -       1       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff CDS     24496447        24496685        .
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SM_V9_PAR2      Liftoff CDS     24504121        24504274        .
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SM_V9_PAR2      Liftoff CDS     24506879        24506982        .
        -       0       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff CDS     24507018        24507172        .
        -       2       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff CDS     24507204        24507280        .
        -       1       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff CDS     24507322        24507392        .
        -       0       Parent=Smp_085640.1
SM_V9_PAR2      Liftoff gene    24537214        24539459        .
        -       .       ID=Smp_323980;geneID=Smp_323980
SM_V9_PAR2      Liftoff mRNA    24537214        24539459        .
        -       .
ID=Smp_323980.1;Parent=Smp_323980;geneID=Smp_323980;product=Growth
hormone secretagogue receptor type
1;polypeptide_domain=InterPro:IPR017452;Ontology_term=GO:0016021
SM_V9_PAR2      Liftoff exon    24537214        24539459        .
        -       .       Parent=Smp_323980.1
SM_V9_PAR2      Liftoff CDS     24537351        24539372        .
        -       0       Parent=Smp_323980.1
SM_V9_PAR2      iris    gene    24569528        24602866        .
        -       .
ID=Smp_162860;geneID=Smp_162860;gene_name=Smp_162860;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    24569528        24602866        .
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ID=Smp_162860.1;Parent=Smp_162860;geneID=Smp_162860;gene_name=Smp_16
2860;owner=irisadmin@local.host;orig_id=Smp_162860.1;date_last_modif
ied=2022-07-19;Name=Smp_162860.1;product=Inososе
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dehydratase;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    24569528        24570896        .
        -       .       Parent=Smp_162860.1;Name=757d60de-17ac-4810-
b429-a7f431a39426
SM_V9_PAR2      iris    exon    24572496        24572552        .
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b841-0bd5a81088a1
SM_V9_PAR2      iris    exon    24574098        24574372        .
        -       .
Parent=Smp_162860.1;Name=eaec2eba-127d-4b0c-816c-9f599e534c92
SM_V9_PAR2      iris    exon    24575356        24575532        .
        -       .       Parent=Smp_162860.1;Name=427cc2d5-284f-4766-
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SM_V9_PAR2      iris    exon    24577851        24578163        .
        -       .       Parent=Smp_162860.1;Name=8bd8effe-f61a-4cb9-
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SM_V9_PAR2      iris    exon    24581807        24581860        .
        -       .       Parent=Smp_162860.1;Name=7202749d-
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SM_V9_PAR2      iris    exon    24582798        24582962        .
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d6e2-4a50-9f79-1c3800389e7e
SM_V9_PAR2      iris    exon    24584052        24584121        .
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Parent=Smp_162860.1;Name=68761bbd-025f-4204-8aee-d4bcb9cbc4f6
SM_V9_PAR2      iris    exon    24584637        24584810        .
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SM_V9_PAR2      iris    exon    24586757        24586890        .
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Parent=Smp_162860.1;Name=d7951464-5fd1-44eb-85da-da384498a933
SM_V9_PAR2      iris    exon    24588262        24588302        .
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Parent=Smp_162860.1;Name=389d74de-5ad6-4bee-958e-bcf7ebef8add
SM_V9_PAR2      iris    exon    24591415        24591581        .
        -       .       Parent=Smp_162860.1;Name=a5c6bea9-b4a1-4c97-
a911-f95b8267eb2e
SM_V9_PAR2      iris    exon    24594053        24594344        .
        -       .       Parent=Smp_162860.1;Name=506e0112-
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SM_V9_PAR2      iris    exon    24595846        24595940        .
        -       .       Parent=Smp_162860.1;Name=df349886-a733-404a-
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SM_V9_PAR2      iris    exon    24596786        24597045        .
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SM_V9_PAR2      iris    exon    24598863        24599091        .
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Parent=Smp_162860.1;Name=8494e420-658a-4352-9ca0-543de180e17e
SM_V9_PAR2      iris    exon    24599120        24599196        .
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SM_V9_PAR2      iris    exon    24602845        24602866        .
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SM_V9_PAR2      iris    CDS     24575356        24575532        .
        -       2       Parent=Smp_162860.1
SM_V9_PAR2      iris    CDS     24577851        24578163        .
        -       0       Parent=Smp_162860.1
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        -       0       Parent=Smp_162860.1
SM_V9_PAR2      iris    CDS     24582798        24582962        .
        -       0       Parent=Smp_162860.1
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SM_V9_PAR2      iris    CDS     24586757        24586890        .
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SM_V9_PAR2      iris    CDS     24588262        24588302        .
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        -       1       Parent=Smp_162860.1
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        -       2       Parent=Smp_162860.1
SM_V9_PAR2      iris    CDS     24595846        24595940        .
        -       1       Parent=Smp_162860.1
SM_V9_PAR2      iris    CDS     24596786        24597045        .
        -       0       Parent=Smp_162860.1
SM_V9_PAR2      iris    CDS     24598863        24599091        .
        -       1       Parent=Smp_162860.1
SM_V9_PAR2      iris    CDS     24599120        24599172        .
        -       0       Parent=Smp_162860.1
SM_V9_PAR2      Liftoff gene    24612083        24623868        .
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ID=Smp_341220;geneID=Smp_341220;previous_systematic_id=Smp_075450
SM_V9_PAR2      Liftoff mRNA    24612083        24623868        .
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ID=Smp_341220.1;Parent=Smp_341220;geneID=Smp_341220;product=Heparin
sulfate O-
sulfotransferase;polypeptide_domain=InterPro:IPR005331,IPR027417
Pfam:PF03567;Ontology_term=GO:0008146,GO:0016021
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SM_V9_PAR2      Liftoff exon    24615159        24615816        .
        +       .       Parent=Smp_341220.1
SM_V9_PAR2      Liftoff exon    24622870        24623868        .
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SM_V9_PAR2      Liftoff CDS     24612085        24612143        .
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SM_V9_PAR2	Liftoff	CDS	24622870	24623310	.	+	0	Parent=Smp_341220.1
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SM_V9_PAR2	Liftoff	mRNA	24624793	24660847	.	-	.	ID=Smp_075440.1;Parent=Smp_075440;geneID=Smp_075440;product=Myotubularin-related protein 14;polypeptide_domain=InterPro:IPR016130,IPR029021;Ontology_term=GO:0004725,GO:0016311
SM_V9_PAR2	Liftoff	exon	24624793	24626504	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24632267	24632567	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24634121	24634142	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24634493	24634530	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24641423	24641690	.	-	.	Parent=Smp_075440.1
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SM_V9_PAR2	Liftoff	exon	24652409	24652534	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24653272	24653335	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24653373	24653442	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24660356	24660449	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24660485	24660564	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24660597	24660656	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	exon	24660697	24660847	.	-	.	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24626337	24626504	.	-	0	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24632267	24632567	.	-	1	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24634121	24634142	.	-	2	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24634493	24634530	.	-	1	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24641423	24641690	.	-	2	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24646060	24646123	.	-	0	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24648096	24648176	.	-	0	Parent=Smp_075440.1
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SM_V9_PAR2	Liftoff	CDS	24651436	24651580	.
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SM_V9_PAR2	Liftoff	CDS	24652409	24652534	.
	-	1	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24653272	24653335	.
	-	2	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24653373	24653442	.
	-	0	Parent=Smp_075440.1
SM_V9_PAR2	Liftoff	CDS	24660356	24660449	.
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SM_V9_PAR2	Liftoff	CDS	24660485	24660564	.
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SM_V9_PAR2	Liftoff	CDS	24660597	24660656	.
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SM_V9_PAR2	Liftoff	CDS	24660697	24660789	.
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SM_V9_PAR2	Liftoff	mRNA	24624793	24660847	.
	-	.
ID=Smp_075440.2;Parent=Smp_075440;geneID=Smp_075440;product=Myotubul
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14;polypeptide_domain=InterPro:IPR016130,IPR029021;Ontology_term=GO:
0004725,GO:0016311
SM_V9_PAR2	Liftoff	exon	24624793	24629069	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24632267	24632567	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24634121	24634142	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24634493	24634530	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24641423	24641690	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24646060	24646123	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24648096	24648176	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24651436	24651580	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24652409	24652534	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24653272	24653335	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24653373	24653442	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24660356	24660449	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24660485	24660564	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24660597	24660656	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	exon	24660697	24660847	.
	-	.	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24629055	24629069	.
	-	0	Parent=Smp_075440.2
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SM_V9_PAR2	Liftoff	CDS	24632267	24632567	.	-	1	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24634121	24634142	.	-	2	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24634493	24634530	.	-	1	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24641423	24641690	.	-	2	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24646060	24646123	.	-	0	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24648096	24648176	.	-	0	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24651436	24651580	.	-	1	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24652409	24652534	.	-	1	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24653272	24653335	.	-	2	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24653373	24653442	.	-	0	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24660356	24660449	.	-	1	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24660485	24660564	.	-	0	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24660597	24660656	.	-	0	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	CDS	24660697	24660789	.	-	0	Parent=Smp_075440.2
SM_V9_PAR2	Liftoff	gene	24677003	24678947	.	+	.	ID=Smp_075430;geneID=Smp_075430
SM_V9_PAR2	Liftoff	mRNA	24677003	24678947	.	+	.	ID=Smp_075430.1;Parent=Smp_075430;geneID=Smp_075430;product=Cysteine--tRNA ligase, chloroplastic/mitochondrial
SM_V9_PAR2	Liftoff	exon	24677003	24678947	.	+	.	Parent=Smp_075430.1
SM_V9_PAR2	Liftoff	CDS	24677169	24678107	.	+	0	Parent=Smp_075430.1
SM_V9_PAR2	Liftoff	gene	24686824	24688359	.	-	.	ID=Smp_204390;geneID=Smp_204390
SM_V9_PAR2	Liftoff	mRNA	24686824	24688359	.	-	.	ID=Smp_204390.1;Parent=Smp_204390;geneID=Smp_204390;product=Adenine phosphoribosyltransferase
SM_V9_PAR2	Liftoff	exon	24686824	24688359	.	-	.	Parent=Smp_204390.1
SM_V9_PAR2	Liftoff	CDS	24687088	24687735	.	-	0	Parent=Smp_204390.1
SM_V9_PAR2	iris	gene	24709026	24710884	.	-	.	ID=Smp_075420;geneID=Smp_075420;gene_name=Smp_075420;owner=irisadmin@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	24709026	24710884	.	-	.
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ID=Smp_075420.1;Parent=Smp_075420;geneID=Smp_075420;gene_name=Smp_07
5420;owner=irisadmin@local.host;orig_id=Smp_075420.1;date_last_modif
ied=2022-07-19;Name=Smp_075420.1;product=Uncharacterized protein
C17C9.11c;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    24709026        24710884        .
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Parent=Smp_075420.1;Name=6eb61edf-53e0-480e-82ef-2f5648d3b492
SM_V9_PAR2      iris    CDS     24709802        24710704        .
        -       0       Parent=Smp_075420.1
SM_V9_PAR2      Liftoff gene    24748168        24749979        .
        -       .       ID=Smp_075400;geneID=Smp_075400
SM_V9_PAR2      Liftoff mRNA    24748168        24749979        .
        -       .
ID=Smp_075400.1;Parent=Smp_075400;geneID=Smp_075400;product=DNA-
directed RNA polymerase subunit beta'
SM_V9_PAR2      Liftoff exon    24748168        24749979        .
        -       .       Parent=Smp_075400.1
SM_V9_PAR2      Liftoff CDS     24748843        24749763        .
        -       0       Parent=Smp_075400.1
SM_V9_PAR2      Liftoff gene    24777183        24779603        .
        +       .
ID=Smp_341210;geneID=Smp_341210;previous_systematic_id=Smp_075390
SM_V9_PAR2      Liftoff mRNA    24777183        24779603        .
        +       .
ID=Smp_341210.1;Parent=Smp_341210;geneID=Smp_341210;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    24777183        24779603        .
        +       .       Parent=Smp_341210.1
SM_V9_PAR2      Liftoff CDS     24777661        24778932        .
        +       0       Parent=Smp_341210.1
SM_V9_PAR2      Liftoff gene    24803303        24805250        .
        -       .       ID=Smp_162840;geneID=Smp_162840
SM_V9_PAR2      Liftoff mRNA    24803303        24805250        .
        -       .
ID=Smp_162840.1;Parent=Smp_162840;geneID=Smp_162840;product=Collagen
alpha-1(XXIV) chain
SM_V9_PAR2      Liftoff exon    24803303        24805250        .
        -       .       Parent=Smp_162840.1
SM_V9_PAR2      Liftoff CDS     24803883        24804830        .
        -       0       Parent=Smp_162840.1
SM_V9_PAR2      iris    gene    24812072        24813576        .
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ID=Smp_075380;geneID=Smp_075380;gene_name=Smp_075380;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    24812072        24813576        .
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ID=Smp_075380.1;Parent=Smp_075380;geneID=Smp_075380;gene_name=Smp_07
5380;owner=irisadmin@local.host;orig_id=Smp_075380.1;date_last_modif
ied=2022-07-19;Name=Smp_075380.1;product=Dihydroxy-acid
dehydratase;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    24812072        24813576        .
        -       .       Parent=Smp_075380.1;Name=f4b4ba53-a0bc-4288-
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SM_V9_PAR2      iris    CDS     24812213        24813280        .
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        -       0       Parent=Smp_075380.1
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SM_V9_PAR2      Liftoff mRNA    24821546        24823361        .
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ID=Smp_075370.1;Parent=Smp_075370;geneID=Smp_075370;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    24821546        24823361        .
        -       .       Parent=Smp_075370.1
SM_V9_PAR2      Liftoff CDS     24821804        24822913        .
        -       0       Parent=Smp_075370.1
SM_V9_PAR2      iris    gene    24831465        24833050        .
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ID=Smp_075360;geneID=Smp_075360;gene_name=Smp_075360;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    24831465        24833050        .
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ID=Smp_075360.1;Parent=Smp_075360;geneID=Smp_075360;gene_name=Smp_07
5360;owner=irisadmin@local.host;orig_id=Smp_075360.1;date_last_modif
ied=2022-07-19;Name=Smp_075360.1;product=Potassium channel toxin
kappa-KTx 1.4;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    24831465        24833050        .
        +       .       Parent=Smp_075360.1;Name=01a6b5f9-1846-46ed-
b044-a6fb45c0ee27
SM_V9_PAR2      iris    CDS     24831710        24832810        .
        +       0       Parent=Smp_075360.1
SM_V9_PAR2      Liftoff gene    24852545        24855861        .
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ID=Smp_345360;geneID=Smp_345360;previous_systematic_id=Smp_162830
SM_V9_PAR2      Liftoff mRNA    24852545        24855861        .
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ID=Smp_345360.1;Parent=Smp_345360;geneID=Smp_345360;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    24852545        24855861        .
        -       .       Parent=Smp_345360.1
SM_V9_PAR2      Liftoff CDS     24853298        24854863        .
        -       0       Parent=Smp_345360.1
SM_V9_PAR2      Liftoff gene    24871893        24873767        .
        +       .       ID=Smp_075350;geneID=Smp_075350
SM_V9_PAR2      Liftoff mRNA    24871893        24873767        .
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ID=Smp_075350.1;Parent=Smp_075350;geneID=Smp_075350;product=Penaeidi
n-4d
SM_V9_PAR2      Liftoff exon    24871893        24873767        .
        +       .       Parent=Smp_075350.1
SM_V9_PAR2      Liftoff CDS     24872070        24873023        .
        +       0       Parent=Smp_075350.1
SM_V9_PAR2      Liftoff gene    24919895        24921623        .
        +       .       ID=Smp_075330;geneID=Smp_075330
SM_V9_PAR2      Liftoff mRNA    24919895        24921623        .
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SM_V9_PAR2	Liftoff	gene	24965854	24995721	.
	-	.	ID=Smp_162810;geneID=Smp_162810
SM_V9_PAR2	Liftoff	mRNA	24965854	24995721	.
	-	.
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SM_V9_PAR2	Liftoff	exon	24965854	24966435	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	exon	24972370	24973120	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	exon	24973166	24973448	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	exon	24975237	24975776	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	exon	24975851	24975862	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	exon	24981632	24981986	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	exon	24983874	24983965	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	exon	24995462	24995721	.
	-	.	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24966126	24966435	.
	-	1	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24972370	24973120	.
	-	2	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24973166	24973448	.
	-	0	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24975237	24975776	.
	-	0	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24975851	24975862	.
	-	0	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24981632	24981986	.
	-	1	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24983874	24983965	.
	-	0	Parent=Smp_162810.1
SM_V9_PAR2	Liftoff	CDS	24995462	24995557	.
	-	0	Parent=Smp_162810.1
SM_V9_PAR2	iris	gene	25030795	25098049	.
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ID=Smp_333260;geneID=Smp_333260;gene_name=Smp_333260;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	25030795	25098049	.
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ID=Smp_333260.1;Parent=Smp_333260;geneID=Smp_333260;gene_name=Smp_33
3260;owner=irisadmin@local.host;orig_id=Smp_333260.1;date_last_modif
ied=2022-07-19;Name=Smp_333260.1;product=Mitogen-activated protein
kinase kinase kinase 15;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	25030795	25030980	.
	+	.
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Parent=Smp_333260.1;Name=5111988c-29f2-4e83-9906-9454e2af3e3c
SM_V9_PAR2      iris    exon    25031018        25031129        .
        +       .       Parent=Smp_333260.1;Name=03ab17ad-
abf8-4479-9ff0-cc093e670c4b
SM_V9_PAR2      iris    exon    25031170        25031280        .
        +       .
Parent=Smp_333260.1;Name=4cd9e0fc-1c43-4046-9972-a34bab6ae9db
SM_V9_PAR2      iris    exon    25031313        25031506        .
        +       .       Parent=Smp_333260.1;Name=5319305e-
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SM_V9_PAR2      iris    exon    25032638        25032713        .
        +       .       Parent=Smp_333260.1;Name=028e151d-
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        +       .
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SM_V9_PAR2      iris    exon    25038037        25038195        .
        +       .       Parent=Smp_333260.1;Name=e3fe06a8-2b65-49bc-
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SM_V9_PAR2      iris    exon    25040258        25040492        .
        +       .       Parent=Smp_333260.1;Name=92f90a8b-bb40-4678-
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SM_V9_PAR2      iris    exon    25041808        25041967        .
        +       .       Parent=Smp_333260.1;Name=bcd842b4-c38e-4612-
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SM_V9_PAR2      iris    exon    25044841        25044928        .
        +       .       Parent=Smp_333260.1;Name=5a71f545-
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SM_V9_PAR2      iris    exon    25048359        25048434        .
        +       .       Parent=Smp_333260.1;Name=44e6706d-
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SM_V9_PAR2      iris    exon    25050682        25050982        .
        +       .
Parent=Smp_333260.1;Name=39885945-20af-4c77-8aa0-305363d4bd04
SM_V9_PAR2      iris    exon    25052085        25052180        .
        +       .       Parent=Smp_333260.1;Name=a628beea-6f9c-4075-
a904-2889a960fd08
SM_V9_PAR2      iris    exon    25054496        25054583        .
        +       .       Parent=Smp_333260.1;Name=ef962c4d-02ed-49e4-
a27d-61a831769858
SM_V9_PAR2      iris    exon    25056024        25056157        .
        +       .       Parent=Smp_333260.1;Name=48b92cc3-
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SM_V9_PAR2      iris    exon    25059168        25059295        .
        +       .       Parent=Smp_333260.1;Name=e574f770-
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SM_V9_PAR2      iris    exon    25059536        25059630        .
        +       .       Parent=Smp_333260.1;Name=96e8fe67-d5e3-4b17-
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SM_V9_PAR2      iris    exon    25061457        25061595        .
        +       .       Parent=Smp_333260.1;Name=f9dbb0b3-8760-4316-
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SM_V9_PAR2      iris    exon    25065552        25065670        .
        +       .
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Parent=Smp_333260.1;Name=64e3cb56-0aa7-472c-91dc-6cc71da1919c
SM_V9_PAR2      iris    exon    25068477        25068646        .
        +       .
Parent=Smp_333260.1;Name=f011c51d-0b20-4a64-881a-cec901e38363
SM_V9_PAR2      iris    exon    25072781        25072830        .
        +       .       Parent=Smp_333260.1;Name=b0b58fd1-
ebaa-4b08-9a1c-7a63610f7a53
SM_V9_PAR2      iris    exon    25074581        25074644        .
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Parent=Smp_333260.1;Name=9e5516e4-0a2b-4caa-93e9-d179dc78ce3e
SM_V9_PAR2      iris    exon    25076571        25076626        .
        +       .
Parent=Smp_333260.1;Name=42daa564-451a-4e6f-9543-266eef6cdc90
SM_V9_PAR2      iris    exon    25079666        25079803        .
        +       .       Parent=Smp_333260.1;Name=7f4fc1db-138c-489e-
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SM_V9_PAR2      iris    exon    25079843        25080048        .
        +       .       Parent=Smp_333260.1;Name=b5fabb2d-
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SM_V9_PAR2      iris    exon    25081310        25081519        .
        +       .
Parent=Smp_333260.1;Name=a287aea1-9f37-45e8-9310-6c6be57fbc40
SM_V9_PAR2      iris    exon    25088603        25089026        .
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Parent=Smp_333260.1;Name=35439436-9748-4108-8f35-d9bd4cfe028f
SM_V9_PAR2      iris    exon    25090177        25090600        .
        +       .       Parent=Smp_333260.1;Name=9457bc07-e7d6-4fab-
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SM_V9_PAR2      iris    exon    25092441        25092469        .
        +       .       Parent=Smp_333260.1;Name=c49b6ecf-
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SM_V9_PAR2      iris    exon    25093644        25093717        .
        +       .       Parent=Smp_333260.1;Name=e8155ce9-abf2-47f7-
a6ea-3c78d2b2dc04
SM_V9_PAR2      iris    exon    25094947        25095026        .
        +       .
Parent=Smp_333260.1;Name=3118f774-49a6-4b61-949f-3689898bf532
SM_V9_PAR2      iris    exon    25097775        25098049        .
        +       .
Parent=Smp_333260.1;Name=65f4aa91-1181-4b6b-8acd-fe32fffbf62a
SM_V9_PAR2      iris    CDS     25030886        25030980        .
        +       0       Parent=Smp_333260.1
SM_V9_PAR2      iris    CDS     25031018        25031129        .
        +       1       Parent=Smp_333260.1
SM_V9_PAR2      iris    CDS     25031170        25031280        .
        +       0       Parent=Smp_333260.1
SM_V9_PAR2      iris    CDS     25031313        25031506        .
        +       0       Parent=Smp_333260.1
SM_V9_PAR2      iris    CDS     25032638        25032713        .
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SM_V9_PAR2	iris	CDS	25040258	25040492	.
	+	0	Parent=Smp_333260.1
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SM_V9_PAR2	iris	CDS	25048359	25048434	.
	+	0	Parent=Smp_333260.1
SM_V9_PAR2	iris	CDS	25050682	25050982	.
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SM_V9_PAR2	iris	CDS	25052085	25052180	.
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SM_V9_PAR2	iris	CDS	25054496	25054583	.
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SM_V9_PAR2	iris	CDS	25059536	25059630	.
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SM_V9_PAR2	iris	CDS	25061457	25061595	.
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SM_V9_PAR2	iris	CDS	25065552	25065670	.
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SM_V9_PAR2	iris	CDS	25068477	25068646	.
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SM_V9_PAR2	iris	CDS	25072781	25072830	.
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SM_V9_PAR2	iris	CDS	25074581	25074644	.
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SM_V9_PAR2	iris	CDS	25076571	25076626	.
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SM_V9_PAR2	iris	CDS	25081310	25081519	.
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SM_V9_PAR2	iris	CDS	25092441	25092469	.
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SM_V9_PAR2	iris	CDS	25093644	25093717	.
	+	2	Parent=Smp_333260.1
SM_V9_PAR2	iris	CDS	25094947	25095026	.
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SM_V9_PAR2	iris	CDS	25097775	25097832	.
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SM_V9_PAR2	Liftoff	gene	25098080	25106658	.
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ID=Smp_341200;geneID=Smp_341200;previous_systematic_id=Smp_075290
SM_V9_PAR2	Liftoff	mRNA	25098080	25106644	.
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SM_V9_PAR2      Liftoff exon    25103983        25104019        .
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SM_V9_PAR2      Liftoff exon    25105439        25105574        .
        -       .       Parent=Smp_341200.2
SM_V9_PAR2      Liftoff exon    25105607        25105695        .
        -       .       Parent=Smp_341200.2
SM_V9_PAR2      Liftoff exon    25105737        25105842        .
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SM_V9_PAR2      Liftoff exon    25105878        25106644        .
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SM_V9_PAR2      Liftoff CDS     25101222        25101585        .
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SM_V9_PAR2      Liftoff CDS     25103983        25104019        .
        -       2       Parent=Smp_341200.2
SM_V9_PAR2      Liftoff CDS     25105439        25105574        .
        -       0       Parent=Smp_341200.2
SM_V9_PAR2      Liftoff CDS     25105607        25105695        .
        -       2       Parent=Smp_341200.2
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SM_V9_PAR2      Liftoff CDS     25105878        25105973        .
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SM_V9_PAR2      Liftoff mRNA    25098080        25106658        .
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ID=Smp_341200.1;Parent=Smp_341200;geneID=Smp_341200;product=FGFR1
oncogene partner
SM_V9_PAR2      Liftoff exon    25098080        25101585        .
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SM_V9_PAR2      Liftoff exon    25103983        25104019        .
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SM_V9_PAR2      Liftoff exon    25105439        25105574        .
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SM_V9_PAR2      Liftoff exon    25105878        25106658        .
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SM_V9_PAR2      Liftoff CDS     25103983        25104019        .
        -       2       Parent=Smp_341200.1
SM_V9_PAR2      Liftoff CDS     25105439        25105574        .
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SM_V9_PAR2      Liftoff gene    25122945        25131249        .
        +       .       ID=Smp_075280;geneID=Smp_075280
SM_V9_PAR2      Liftoff mRNA    25122945        25131249        .
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ilin synthase subunit
B;polypeptide_domain=InterPro:IPR002000,IPR012334
Pfam:PF01299;Ontology_term=GO:0016020
SM_V9_PAR2      Liftoff exon    25122945        25123118        .
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SM_V9_PAR2      Liftoff exon    25123152        25123321        .
        +       .       Parent=Smp_075280.1
SM_V9_PAR2      Liftoff exon    25128145        25128355        .
        +       .       Parent=Smp_075280.1
SM_V9_PAR2      Liftoff exon    25128745        25128936        .
        +       .       Parent=Smp_075280.1
SM_V9_PAR2      Liftoff exon    25130558        25131249        .
        +       .       Parent=Smp_075280.1
SM_V9_PAR2      Liftoff CDS     25123073        25123118        .
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SM_V9_PAR2      Liftoff CDS     25123152        25123321        .
        +       2       Parent=Smp_075280.1
SM_V9_PAR2      Liftoff CDS     25128145        25128355        .
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SM_V9_PAR2      Liftoff CDS     25128745        25128936        .
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5;polypeptide_domain=InterPro:IPR012334
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SM_V9_PAR2      Liftoff exon    25128745        25128936        .
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SM_V9_PAR2      Liftoff CDS     25128145        25128355        .
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SM_V9_PAR2	iris	mRNA	25144940	25176561	.
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subfamily;date_creation=2022-08-19
SM_V9_PAR2	iris	exon	25144940	25145649	.
	-	.	Parent=Smp_162790.1;Name=4d66e1e5-11b8-4b85-
a4bb-95df09f89377
SM_V9_PAR2	iris	exon	25149293	25149412	.
	-	.	Parent=Smp_162790.1;Name=23811833-fe2f-483b-
a2c7-e0d4d7191965
SM_V9_PAR2	iris	exon	25151812	25152011	.
	-	.	Parent=Smp_162790.1;Name=6f07a919-b7d2-448b-
bba3-020c5859e05b
SM_V9_PAR2	iris	exon	25153391	25153627	.
	-	.	Parent=Smp_162790.1;Name=a80a4523-
cd7e-452a-848d-b01f86c9288a
SM_V9_PAR2	iris	exon	25160462	25160635	.
	-	.	Parent=Smp_162790.1;Name=3d7fa2c6-1f0c-47fb-
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SM_V9_PAR2	iris	exon	25161408	25161907	.
	-	.	Parent=Smp_162790.1;Name=f52cd88d-d736-414e-
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SM_V9_PAR2	iris	exon	25162615	25162754	.
	-	.	Parent=Smp_162790.1;Name=b910e1fe-
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SM_V9_PAR2	iris	exon	25164954	25165031	.
	-	.	Parent=Smp_162790.1;Name=a0f77ebc-f0ef-4e1b-
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SM_V9_PAR2	iris	exon	25167511	25167596	.
	-	.	Parent=Smp_162790.1;Name=b5be9bfb-dc57-44ef-
a601-e1921e1e287b
SM_V9_PAR2	iris	exon	25169569	25169644	.
	-	.	Parent=Smp_162790.1;Name=f04c5156-dfeb-4c90-
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SM_V9_PAR2	iris	exon	25170167	25170421	.
	-	.
Parent=Smp_162790.1;Name=152b9a74-3e19-4726-82dd-177683103213
SM_V9_PAR2	iris	exon	25171049	25171452	.
	-	.	Parent=Smp_162790.1;Name=8b06ec8c-acc4-4aee-
a396-161280cd1501
SM_V9_PAR2	iris	exon	25176207	25176422	.
	-	.	Parent=Smp_162790.1;Name=3b2c216b-de44-4fab-
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SM_V9_PAR2	iris	exon	25176460	25176561	.
	-	.	Parent=Smp_162790.1;Name=c0da72c9-5d80-4e43-
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SM_V9_PAR2	iris	CDS	25145467	25145649	.
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SM_V9_PAR2	iris	CDS	25149293	25149412	.
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SM_V9_PAR2	iris	CDS	25153391	25153627	.
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SM_V9_PAR2	iris	CDS	25160462	25160635	.
	-	2	Parent=Smp_162790.1
SM_V9_PAR2	iris	CDS	25161408	25161907	.
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SM_V9_PAR2	iris	CDS	25162615	25162754	.
	-	0	Parent=Smp_162790.1
SM_V9_PAR2	iris	CDS	25164954	25165031	.
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SM_V9_PAR2	iris	CDS	25167511	25167596	.
	-	2	Parent=Smp_162790.1
SM_V9_PAR2	iris	CDS	25169569	25169644	.
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SM_V9_PAR2	iris	CDS	25170167	25170421	.
	-	0	Parent=Smp_162790.1
SM_V9_PAR2	iris	CDS	25171049	25171452	.
	-	2	Parent=Smp_162790.1
SM_V9_PAR2	iris	CDS	25176207	25176422	.
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SM_V9_PAR2	iris	CDS	25176460	25176475	.
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ID=Smp_244020.1;Parent=Smp_244020;geneID=Smp_244020;gene_name=Smp_24
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SM_V9_PAR2	iris	exon	25185204	25185266	.
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SM_V9_PAR2	iris	exon	25187550	25187682	.
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SM_V9_PAR2	iris	exon	25199153	25199254	.
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SM_V9_PAR2	iris	exon	25200349	25200600	.
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SM_V9_PAR2	iris	exon	25210445	25210451	.
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SM_V9_PAR2	iris	exon	25211548	25211635	.
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	+	.	Parent=Smp_244020.1;Name=99021226-
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SM_V9_PAR2	iris	exon	25225571	25226269	.
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	+	.	Parent=Smp_244020.1;Name=1180076d-dcf4-495e-
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SM_V9_PAR2	iris	CDS	25185226	25185266	.
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SM_V9_PAR2	iris	CDS	25199153	25199254	.
	+	0	Parent=Smp_244020.1
SM_V9_PAR2	iris	CDS	25200349	25200600	.
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SM_V9_PAR2	iris	CDS	25210445	25210451	.
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SM_V9_PAR2	iris	CDS	25211548	25211635	.
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SM_V9_PAR2	iris	CDS	25217121	25217240	.
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SM_V9_PAR2	iris	CDS	25220561	25220817	.
	+	0	Parent=Smp_244020.1
SM_V9_PAR2	iris	CDS	25223413	25223562	.
	+	1	Parent=Smp_244020.1
SM_V9_PAR2	iris	CDS	25225571	25225787	.
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SM_V9_PAR2	Liftoff	gene	25233826	25247541	.
	-	.
ID=Smp_341190;geneID=Smp_341190;previous_systematic_id=Smp_075230
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lymphoma/leukemia
11B;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
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SM_V9_PAR2	Liftoff	exon	25244593	25244841	.
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SM_V9_PAR2	Liftoff	exon	25247012	25247541	.
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SM_V9_PAR2      Liftoff CDS     25247012        25247273        .
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SM_V9_PAR2      Liftoff CDS     25285706        25286068        .
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SM_V9_PAR2      Liftoff CDS     25291467        25291594        .
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        -       2       Parent=Smp_075220.1
SM_V9_PAR2      Liftoff CDS     25291633        25291777        .
        -       0       Parent=Smp_075220.1
SM_V9_PAR2      Liftoff gene    25300150        25306677        .
        +       .       ID=Smp_075210;geneID=Smp_075210
SM_V9_PAR2      Liftoff mRNA    25300150        25306677        .
        +       .
ID=Smp_075210.1;Parent=Smp_075210;geneID=Smp_075210;product=Prohibit
in-2;polypeptide_domain=InterPro:IPR000163,IPR001107,IPR023753
Pfam:PF01145;Ontology_term=GO:0016020,GO:0016491,GO:0055114
SM_V9_PAR2      Liftoff exon    25300150        25300287        .
        +       .       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff exon    25300325        25300406        .
        +       .       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff exon    25300439        25300518        .
        +       .       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff exon    25301729        25302039        .
        +       .       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff exon    25305022        25305207        .
        +       .       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff exon    25306419        25306677        .
        +       .       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff CDS     25300185        25300287        .
        +       0       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff CDS     25300325        25300406        .
        +       2       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff CDS     25300439        25300518        .
        +       1       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff CDS     25301729        25302039        .
        +       2       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff CDS     25305022        25305207        .
        +       0       Parent=Smp_075210.1
SM_V9_PAR2      Liftoff CDS     25306419        25306523        .
        +       0       Parent=Smp_075210.1
SM_V9_PAR2      iris    gene    25332991        25347449        .
        +       .
ID=Smp_162770;geneID=Smp_162770;gene_name=Smp_162770;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    25332991        25347449        .
        +       .
ID=Smp_162770.1;Parent=Smp_162770;geneID=Smp_162770;gene_name=Smp_16
2770;owner=irisadmin@local.host;orig_id=Smp_162770.1;date_last_modif
ied=2022-10-01;Name=Smp_162770.1;product=Lysosome-associated
membrane glycoprotein 2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    25332991        25333065        .
        +       .       Parent=Smp_162770.1;Name=24abc821-
c385-47cf-9e28-bbd17636cfee
SM_V9_PAR2      iris    exon    25333103        25333168        .
        +       .
Parent=Smp_162770.1;Name=01b75f6d-527d-4638-80d2-972ea12cf460
SM_V9_PAR2      iris    exon    25340449        25340840        .
        +       .       Parent=Smp_162770.1;Name=c0d08c8d-6070-4f44-
b0c3-4b399418764f
SM_V9_PAR2      iris    exon    25342470        25342746        .
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        +       .       Parent=Smp_162770.1;Name=aa7868e2-d864-4314-
bbf0-bd83dc09aa3e
SM_V9_PAR2      iris    exon    25345188        25345379        .
        +       .       Parent=Smp_162770.1;Name=005e1d65-
ea5c-47fb-909f-dfd7b5b383cd
SM_V9_PAR2      iris    exon    25346832        25347449        .
        +       .
Parent=Smp_162770.1;Name=96cab338-4f74-4d7a-8390-de1226f9c549
SM_V9_PAR2      iris    CDS     25333038        25333065        .
        +       0       Parent=Smp_162770.1
SM_V9_PAR2      iris    CDS     25333103        25333168        .
        +       2       Parent=Smp_162770.1
SM_V9_PAR2      iris    CDS     25340449        25340840        .
        +       2       Parent=Smp_162770.1
SM_V9_PAR2      iris    CDS     25342470        25342746        .
        +       0       Parent=Smp_162770.1
SM_V9_PAR2      iris    CDS     25345188        25345379        .
        +       2       Parent=Smp_162770.1
SM_V9_PAR2      iris    CDS     25346832        25346974        .
        +       2       Parent=Smp_162770.1
SM_V9_PAR2      iris    mRNA    25332991        25347449        .
        +       .
ID=Smp_162770.2;Parent=Smp_162770;geneID=Smp_162770;gene_name=Smp_16
2770;owner=irisadmin@local.host;date_last_modified=2022-10-01;Name=S
mp_162770.2;product=Lysosome-associated membrane glycoprotein
2;date_creation=2022-10-01
SM_V9_PAR2      iris    exon    25332991        25333065        .
        +       .
Parent=Smp_162770.2;Name=08ab1651-745f-49c5-9525-3b2af8eb3a93
SM_V9_PAR2      iris    exon    25333103        25333168        .
        +       .
Parent=Smp_162770.2;Name=0cdbe17a-1eb4-4854-9d15-fc12b74e37f1
SM_V9_PAR2      iris    exon    25340308        25340840        .
        +       .       Parent=Smp_162770.2;Name=3221d2fb-247c-4cbf-
beab-a5599eac9a75
SM_V9_PAR2      iris    exon    25342470        25342746        .
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Parent=Smp_162770.2;Name=72ebd5f8-518a-43f7-8ab9-eefcf0a1ec9c
SM_V9_PAR2      iris    exon    25345188        25345379        .
        +       .       Parent=Smp_162770.2;Name=6b3ccd6f-bbb2-4b72-
bc21-298456d20305
SM_V9_PAR2      iris    exon    25346832        25347449        .
        +       .       Parent=Smp_162770.2;Name=1460e00c-e656-4689-
afd7-c9b6c896b71f
SM_V9_PAR2      iris    CDS     25333038        25333065        .
        +       0       Parent=Smp_162770.2
SM_V9_PAR2      iris    CDS     25333103        25333168        .
        +       2       Parent=Smp_162770.2
SM_V9_PAR2      iris    CDS     25340308        25340840        .
        +       2       Parent=Smp_162770.2
SM_V9_PAR2      iris    CDS     25342470        25342746        .
        +       0       Parent=Smp_162770.2
SM_V9_PAR2      iris    CDS     25345188        25345379        .
        +       2       Parent=Smp_162770.2
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SM_V9_PAR2	iris	CDS	25346832	25346974	.
	+	2	Parent=Smp_162770.2
SM_V9_PAR2	iris	gene	25393803	25420661	.
	-	.
ID=Smp_162760;geneID=Smp_162760;gene_name=Smp_162760;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	25393803	25420661	.
	-	.
ID=Smp_162760.1;Parent=Smp_162760;geneID=Smp_162760;gene_name=Smp_16
2760;owner=irisadmin@local.host;orig_id=Smp_162760.1;date_last_modif
ied=2022-07-19;Name=Smp_162760.1;product=Homeobox protein
prospero;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	25393803	25394444	.
	-	.	Parent=Smp_162760.1;Name=94e0ef14-7100-4aa1-
af8e-2b5591145206
SM_V9_PAR2	iris	exon	25395969	25396113	.
	-	.	Parent=Smp_162760.1;Name=89677c9e-767b-4bf5-
ba74-a512eda2e664
SM_V9_PAR2	iris	exon	25409846	25410000	.
	-	.	Parent=Smp_162760.1;Name=697b88ec-748a-4547-
a085-029bb7e7dd41
SM_V9_PAR2	iris	exon	25414651	25416996	.
	-	.	Parent=Smp_162760.1;Name=54337dfe-5fcd-49c8-
af46-fecc7bb82772
SM_V9_PAR2	iris	exon	25418725	25420661	.
	-	.
Parent=Smp_162760.1;Name=fd424f1b-44be-445b-8956-73b26a00ff4f
SM_V9_PAR2	iris	CDS	25394259	25394444	.
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SM_V9_PAR2	iris	CDS	25395969	25396113	.
	-	1	Parent=Smp_162760.1
SM_V9_PAR2	iris	CDS	25409846	25410000	.
	-	0	Parent=Smp_162760.1
SM_V9_PAR2	iris	CDS	25414651	25416903	.
	-	0	Parent=Smp_162760.1
SM_V9_PAR2	iris	gene	25489436	25505445	.
	-	.
ID=Smp_096320;geneID=Smp_096320;gene_name=Smp_096320;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_PAR2	iris	mRNA	25489436	25505445	.
	-	.
ID=Smp_096320.1;Parent=Smp_096320;geneID=Smp_096320;gene_name=Smp_09
6320;owner=irisadmin@local.host;orig_id=Smp_096320.1;date_last_modif
ied=2022-09-05;Name=Smp_096320.1;product=Kelch-like protein
20;date_creation=2022-09-05
SM_V9_PAR2	iris	exon	25489436	25490587	.
	-	.
Parent=Smp_096320.1;Name=d6393120-2b5f-45ca-87fa-0f005b9d59c8
SM_V9_PAR2	iris	exon	25492410	25492721	.
	-	.	Parent=Smp_096320.1;Name=94855cbc-
def2-4212-8629-6c4ea291eeef
SM_V9_PAR2	iris	exon	25495301	25495475	.
	-	.	Parent=Smp_096320.1;Name=c4fcb109-4a67-4664-
b08e-8139af3efab2
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SM_V9_PAR2	iris	exon	25496451	25497007	.
	-	.	Parent=Smp_096320.1;Name=ec9b33dc-b4ec-4aa9-
ba94-7cfd90b78bb9
SM_V9_PAR2	iris	exon	25500923	25501192	.
	-	.	Parent=Smp_096320.1;Name=b5bfb016-ae3d-4f78-
b6b7-2dbf52788e2d
SM_V9_PAR2	iris	exon	25502214	25502806	.
	-	.	Parent=Smp_096320.1;Name=09ad6bc2-
df46-4e68-8894-c6c33186fa45
SM_V9_PAR2	iris	exon	25505097	25505342	.
	-	.	Parent=Smp_096320.1;Name=5eb8985e-589f-4e4b-
b8de-70cc7ff54493
SM_V9_PAR2	iris	exon	25505386	25505445	.
	-	.	Parent=Smp_096320.1;Name=dfae15de-f2ba-4b15-
a469-e4ef307e1d5a
SM_V9_PAR2	iris	CDS	25489991	25490587	.
	-	0	Parent=Smp_096320.1
SM_V9_PAR2	iris	CDS	25492410	25492721	.
	-	0	Parent=Smp_096320.1
SM_V9_PAR2	iris	CDS	25495301	25495475	.
	-	1	Parent=Smp_096320.1
SM_V9_PAR2	iris	CDS	25496451	25497007	.
	-	0	Parent=Smp_096320.1
SM_V9_PAR2	iris	CDS	25500923	25501192	.
	-	0	Parent=Smp_096320.1
SM_V9_PAR2	iris	CDS	25502214	25502780	.
	-	0	Parent=Smp_096320.1
SM_V9_PAR2	Liftoff	gene	25512690	25550694	.
	+	.	ID=Smp_096310;geneID=Smp_096310
SM_V9_PAR2	Liftoff	mRNA	25512690	25550694	.
	+	.
ID=Smp_096310.1;Parent=Smp_096310;geneID=Smp_096310;product=Protein
kinase C zeta
type;polypeptide_domain=InterPro:IPR000270,IPR000719,IPR000961,IPR00
2219,IPR008271,IPR011009,IPR017441,IPR017892,IPR020454
Pfam:PF00069,PF00130,PF00433,PF00564;Ontology_term=GO:0004672,GO:000
4674,GO:0005515,GO:0005524,GO:0006468,GO:0035556
SM_V9_PAR2	Liftoff	exon	25512690	25513077	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25515038	25515088	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25519636	25519724	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25521244	25521607	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25524021	25524067	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25524495	25524794	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25528117	25528214	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25531101	25531323	.
	+	.	Parent=Smp_096310.1
SM_V9_PAR2	Liftoff	exon	25532699	25532786	.
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        +       .       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff exon    25540246        25540371        .
        +       .       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff exon    25542723        25542802        .
        +       .       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff exon    25544394        25544599        .
        +       .       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff exon    25548593        25550694        .
        +       .       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25512873        25513077        .
        +       0       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25515038        25515088        .
        +       2       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25519636        25519724        .
        +       2       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25521244        25521607        .
        +       0       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25524021        25524067        .
        +       2       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25524495        25524794        .
        +       0       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25528117        25528214        .
        +       0       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25531101        25531323        .
        +       1       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25532699        25532786        .
        +       0       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25540246        25540371        .
        +       2       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25542723        25542802        .
        +       2       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25544394        25544599        .
        +       0       Parent=Smp_096310.1
SM_V9_PAR2      Liftoff CDS     25548593        25548680        .
        +       1       Parent=Smp_096310.1
SM_V9_PAR2      iris    gene    25563560        25566566        .
        -       .
ID=Smp_096290;geneID=Smp_096290;gene_name=Smp_096290;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    25563560        25566566        .
        -       .
ID=Smp_096290.1;Parent=Smp_096290;geneID=Smp_096290;gene_name=Smp_09
6290;owner=irisadmin@local.host;orig_id=Smp_096290.1;date_last_modif
ied=2022-07-19;Name=Smp_096290.1;product=Transmembrane protein 256
homolog;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    25563560        25563923        .
        -       .       Parent=Smp_096290.1;Name=d92aed45-cdd2-430b-
bc65-3e1d3a422c82
SM_V9_PAR2      iris    exon    25563966        25564078        .
        -       .       Parent=Smp_096290.1;Name=c9c41d6b-
bb80-4cfc-8a1a-bd2e785c6634
SM_V9_PAR2      iris    exon    25564122        25564296        .
        -       .
Parent=Smp_096290.1;Name=2631953d-3eb9-490e-80c5-a14a75c229f4
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SM_V9_PAR2	iris	exon	25566498	25566566	.
	-	.	Parent=Smp_096290.1;Name=2f95f9ea-6627-4124-
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SM_V9_PAR2	iris	CDS	25563780	25563923	.
	-	0	Parent=Smp_096290.1
SM_V9_PAR2	iris	CDS	25563966	25564078	.
	-	2	Parent=Smp_096290.1
SM_V9_PAR2	iris	CDS	25564122	25564296	.
	-	0	Parent=Smp_096290.1
SM_V9_PAR2	iris	gene	25571669	25584449	.
	+	.
ID=Smp_174990;geneID=Smp_174990;gene_name=Smp_174990;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	25571669	25584449	.
	+	.
ID=Smp_174990.1;Parent=Smp_174990;geneID=Smp_174990;gene_name=Smp_17
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ied=2022-07-19;Name=Smp_174990.1;product=Cytosolic endo-beta-N-
acetylglucosaminidase;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	25571669	25571716	.
	+	.
Parent=Smp_174990.1;Name=d8a1ef48-4ca2-4cd1-8818-24f6567b01a6
SM_V9_PAR2	iris	exon	25572293	25572421	.
	+	.
Parent=Smp_174990.1;Name=7252e6f0-6dd0-4b69-8fcf-123cdde91352
SM_V9_PAR2	iris	exon	25572457	25572670	.
	+	.
Parent=Smp_174990.1;Name=d15c546b-9eb7-435d-880c-d8e6d1dddcf9
SM_V9_PAR2	iris	exon	25573661	25573865	.
	+	.
Parent=Smp_174990.1;Name=74abae53-94a6-4a10-848d-d9f2a60e22db
SM_V9_PAR2	iris	exon	25574953	25575029	.
	+	.	Parent=Smp_174990.1;Name=b62220d3-8047-4a21-
bb14-748c599e65e4
SM_V9_PAR2	iris	exon	25576106	25576249	.
	+	.
Parent=Smp_174990.1;Name=5fd00c96-616a-4274-9ea4-159989cbe40f
SM_V9_PAR2	iris	exon	25577156	25577276	.
	+	.	Parent=Smp_174990.1;Name=d7f46751-cced-4b9f-
a15a-8e000d889efa
SM_V9_PAR2	iris	exon	25578504	25578890	.
	+	.	Parent=Smp_174990.1;Name=71a9a11e-2b39-407e-
b4e6-0061001e0f3e
SM_V9_PAR2	iris	exon	25580246	25580314	.
	+	.
Parent=Smp_174990.1;Name=4be9c4d8-3d63-4460-8d1d-17974bb2f8bf
SM_V9_PAR2	iris	exon	25581740	25582076	.
	+	.	Parent=Smp_174990.1;Name=3a996b6b-5fab-45da-
a67b-97191d03bcb8
SM_V9_PAR2	iris	exon	25583909	25584449	.
	+	.
Parent=Smp_174990.1;Name=a38156cc-0a5d-4417-84e4-20d02f74b64f
SM_V9_PAR2	iris	CDS	25571710	25571716	.
	+	0	Parent=Smp_174990.1
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SM_V9_PAR2	iris	CDS	25572293	25572421	.
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SM_V9_PAR2	iris	CDS	25572457	25572670	.
	+	2	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25573661	25573865	.
	+	1	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25574953	25575029	.
	+	0	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25576106	25576249	.
	+	1	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25577156	25577276	.
	+	1	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25578504	25578890	.
	+	0	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25580246	25580314	.
	+	0	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25581740	25582076	.
	+	0	Parent=Smp_174990.1
SM_V9_PAR2	iris	CDS	25583909	25584183	.
	+	2	Parent=Smp_174990.1
SM_V9_PAR2	iris	gene	25585790	25589690	.
	+	.
ID=Smp_346330;geneID=Smp_346330;gene_name=Smp_346330;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_PAR2	iris	mRNA	25585790	25589690	.
	+	.
ID=Smp_346330.1;Parent=Smp_346330;geneID=Smp_346330;gene_name=Smp_34
6330;owner=irisadmin@local.host;orig_id=Smp_346330.1;date_last_modif
ied=2022-11-13;Name=Smp_346330.1;product=39S ribosomal protein L17,
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	+	.	Parent=Smp_346330.1;Name=7431cfdb-2b15-4550-
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SM_V9_PAR2	iris	exon	25589095	25589690	.
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SM_V9_PAR2	iris	CDS	25585790	25586284	.
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SM_V9_PAR2	Liftoff	gene	25592320	25630113	.
	+	.	ID=Smp_096270;geneID=Smp_096270
SM_V9_PAR2	Liftoff	mRNA	25592320	25630113	.
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ID=Smp_096270.1;Parent=Smp_096270;geneID=Smp_096270;product=Probable
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3,IPR009008,IPR009080,IPR013155,IPR014729,IPR033705
Pfam:PF00133,PF08264;Ontology_term=GO:0000166,GO:0002161,GO:0004812,
GO:0004832,GO:0005524,GO:0006418,GO:0006438
SM_V9_PAR2	Liftoff	exon	25592320	25592608	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25594418	25594512	.
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SM_V9_PAR2	Liftoff	exon	25595298	25595416	.
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	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25598611	25598692	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25599487	25599606	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25601149	25601297	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25602039	25602226	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25606375	25606499	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25609459	25609662	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25610957	25611094	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25614631	25614766	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25616161	25616231	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25617520	25617642	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25619060	25619170	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25621245	25621379	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25622571	25622702	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25624036	25624285	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25626333	25626532	.
	+	.	Parent=Smp_096270.1
SM_V9_PAR2	Liftoff	exon	25627122	25627466	.
	+	.	Parent=Smp_096270.1
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SM_V9_PAR2	Liftoff	exon	25629938	25630113	.
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SM_V9_PAR2	Liftoff	CDS	25592440	25592608	.
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SM_V9_PAR2	Liftoff	CDS	25595298	25595416	.
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SM_V9_PAR2	Liftoff	CDS	25596795	25597025	.
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SM_V9_PAR2	Liftoff	CDS	25598611	25598692	.
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SM_V9_PAR2	Liftoff	CDS	25599487	25599606	.
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SM_V9_PAR2      Liftoff CDS     25609459        25609662        .
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SM_V9_PAR2      Liftoff CDS     25614631        25614766        .
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SM_V9_PAR2      Liftoff CDS     25617520        25617642        .
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SM_V9_PAR2      Liftoff CDS     25627122        25627466        .
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ID=Smp_204260.1;Parent=Smp_204260;geneID=Smp_204260;product=UPF0336
protein ML1910
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        +       .       Parent=Smp_204260.1
SM_V9_PAR2      Liftoff exon    25663791        25664036        .
        +       .       Parent=Smp_204260.1
SM_V9_PAR2      Liftoff CDS     25661065        25661238        .
        +       0       Parent=Smp_204260.1
SM_V9_PAR2      Liftoff CDS     25663791        25663925        .
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SM_V9_PAR2      iris    gene    25667312        25674881        .
        -       .
ID=Smp_331820;geneID=Smp_331820;gene_name=Smp_331820;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    25667312        25674881        .
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ied=2022-09-05;Name=Smp_331820.1;product=Bcl-2-like protein
13;date_creation=2022-09-05
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SM_V9_PAR2	iris	exon	25670649	25670864	.
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SM_V9_PAR2	iris	exon	25674811	25674881	.
	-	.	Parent=Smp_331820.1;Name=93ee18ea-
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	-	0	Parent=Smp_331820.1
SM_V9_PAR2	iris	CDS	25670649	25670792	.
	-	0	Parent=Smp_331820.1
SM_V9_PAR2	iris	mRNA	25670405	25674881	.
	-	.
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ied=2022-09-05;Name=Smp_331820.2;date_creation=2022-09-05
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	-	.	Parent=Smp_331820.2;Name=29902bec-
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	-	.	Parent=Smp_331820.2;Name=001752ac-ab45-4ae4-
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	-	.	Parent=Smp_331820.2;Name=dac5dcca-
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SM_V9_PAR2      iris    CDS     25701540        25702753        .
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SM_V9_PAR2      iris    exon    25809447        25809508        .
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SM_V9_PAR2      iris    exon    25824960        25825056        .
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SM_V9_PAR2      iris    exon    25830640        25830730        .
        +       .       Parent=Smp_129820.1;Name=7d1068a9-fd3e-4628-
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SM_V9_PAR2      iris    exon    25832310        25832382        .
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SM_V9_PAR2      iris    exon    25832982        25833108        .
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SM_V9_PAR2      iris    exon    25833610        25833882        .
        +       .       Parent=Smp_129820.1;Name=1bfeb13d-d791-4e0d-
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SM_V9_PAR2      iris    exon    25837276        25837485        .
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        +       .       Parent=Smp_129820.1;Name=a1c9ff3f-bb7e-4934-
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SM_V9_PAR2	iris	CDS	25802235	25802303	.
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SM_V9_PAR2	iris	CDS	25853304	25853471	.
	+	0	Parent=Smp_129820.1
SM_V9_PAR2	iris	CDS	25855126	25855331	.
	+	0	Parent=Smp_129820.1
SM_V9_PAR2	iris	CDS	25857980	25858088	.
	+	1	Parent=Smp_129820.1
SM_V9_PAR2	iris	gene	25953961	25998838	.
	+	.
ID=Smp_129810;geneID=Smp_129810;gene_name=Smp_129810;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	25953961	25998838	.
	+	.
ID=Smp_129810.1;Parent=Smp_129810;geneID=Smp_129810;gene_name=Smp_12
9810;owner=irisadmin@local.host;orig_id=Smp_129810.1;date_last_modif
ied=2022-09-05;Name=Smp_129810.1;product=Cholecystokinin receptor
type A;date_creation=2022-09-05
SM_V9_PAR2	iris	exon	25953961	25954161	.
	+	.
Parent=Smp_129810.1;Name=aa551359-8768-4e88-87ba-ca880e524eea
SM_V9_PAR2	iris	exon	25996801	25998838	.
	+	.
Parent=Smp_129810.1;Name=d96d725d-7187-47cf-9370-130d6f25f062
SM_V9_PAR2	iris	CDS	25996839	25998332	.
	+	0	Parent=Smp_129810.1
SM_V9_PAR2	iris	gene	26016979	26038482	.
	-	.
ID=Smp_210530;geneID=Smp_210530;gene_name=Smp_210530;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	26016979	26038482	.
	-	.
ID=Smp_210530.1;Parent=Smp_210530;geneID=Smp_210530;gene_name=Smp_21
0530;owner=irisadmin@local.host;orig_id=Smp_210530.1;date_last_modif
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phosphodiesterase 1;date_creation=2022-09-05
SM_V9_PAR2	iris	exon	26016979	26017749	.
	-	.	Parent=Smp_210530.1;Name=c811b29a-
bee2-4874-98f8-fcbc5d6683d7
SM_V9_PAR2	iris	exon	26019093	26019213	.
	-	.	Parent=Smp_210530.1;Name=ea19b971-7353-4b76-
b91b-1e974300d9ab
SM_V9_PAR2	iris	exon	26020949	26021054	.
	-	.	Parent=Smp_210530.1;Name=934a66cf-
cb01-4e69-96df-016180d1fe1d
SM_V9_PAR2	iris	exon	26024201	26024418	.
	-	.	Parent=Smp_210530.1;Name=923df7ea-eb27-4863-
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SM_V9_PAR2	iris	exon	26025817	26025969	.
	-	.	Parent=Smp_210530.1;Name=b11212a8-
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SM_V9_PAR2	iris	exon	26026480	26026558	.
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        -       .       Parent=Smp_210530.1;Name=75684f84-21d7-4935-
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SM_V9_PAR2      iris    exon    26028154        26028351        .
        -       .
Parent=Smp_210530.1;Name=ad68f416-25da-4fad-8fac-c0e13fab5046
SM_V9_PAR2      iris    exon    26029383        26029475        .
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Parent=Smp_210530.1;Name=88a2e94c-8fd5-40c7-89b1-fddb4b130f1e
SM_V9_PAR2      iris    exon    26030968        26031002        .
        -       .       Parent=Smp_210530.1;Name=96a53fd0-
b882-46b0-9ef9-e49cc4f14793
SM_V9_PAR2      iris    exon    26034041        26034137        .
        -       .       Parent=Smp_210530.1;Name=f53325d0-b0a4-4c45-
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SM_V9_PAR2      iris    exon    26034795        26034850        .
        -       .       Parent=Smp_210530.1;Name=ab5ba097-fb1b-4d87-
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SM_V9_PAR2      iris    exon    26036216        26036259        .
        -       .       Parent=Smp_210530.1;Name=42127ac3-69b8-4c33-
b642-bfe83c8b26a3
SM_V9_PAR2      iris    exon    26037362        26037508        .
        -       .       Parent=Smp_210530.1;Name=6369860c-6ed1-4244-
a747-9678aa0a046d
SM_V9_PAR2      iris    exon    26038358        26038482        .
        -       .       Parent=Smp_210530.1;Name=a03aa4ed-
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SM_V9_PAR2      iris    CDS     26017679        26017749        .
        -       2       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26019093        26019213        .
        -       0       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26020949        26021054        .
        -       1       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26024201        26024418        .
        -       0       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26025817        26025969        .
        -       0       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26026480        26026558        .
        -       1       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26028154        26028351        .
        -       1       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26029383        26029475        .
        -       1       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26030968        26031002        .
        -       0       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26034041        26034137        .
        -       1       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26034795        26034850        .
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SM_V9_PAR2      iris    CDS     26036216        26036259        .
        -       2       Parent=Smp_210530.1
SM_V9_PAR2      iris    CDS     26037362        26037508        .
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SM_V9_PAR2      iris    CDS     26038358        26038478        .
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@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2	iris	mRNA	26040371	26051142	.
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ID=Smp_210520.2;Parent=Smp_210520;geneID=Smp_210520;gene_name=Smp_21
0520;owner=irisadmin@local.host;orig_id=Smp_210520.2;date_last_modif
ied=2022-08-19;Name=Smp_210520.2;product=Transcription factor
Dp-1;date_creation=2022-08-19
SM_V9_PAR2	iris	exon	26040371	26041486	.
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Parent=Smp_210520.2;Name=31660446-9e21-4d53-8f80-480e4af5d4fd
SM_V9_PAR2	iris	exon	26042166	26042332	.
	-	.	Parent=Smp_210520.2;Name=504d8981-c008-4074-
b3c6-aca04a5991d3
SM_V9_PAR2	iris	exon	26044034	26044296	.
	-	.	Parent=Smp_210520.2;Name=4b01634d-
ebb7-4352-8c4f-871d78bcf2a0
SM_V9_PAR2	iris	exon	26045217	26045402	.
	-	.
Parent=Smp_210520.2;Name=3d6b92f7-7573-4687-9f37-1e0e87fd7390
SM_V9_PAR2	iris	exon	26045483	26045636	.
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SM_V9_PAR2	iris	exon	26046043	26046281	.
	-	.	Parent=Smp_210520.2;Name=edd3db59-1495-4fd9-
a7f6-8007d5510495
SM_V9_PAR2	iris	exon	26046451	26046632	.
	-	.	Parent=Smp_210520.2;Name=fb4cfdd4-5e80-4617-
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SM_V9_PAR2	iris	exon	26047551	26047611	.
	-	.	Parent=Smp_210520.2;Name=1def3f90-8457-405d-
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SM_V9_PAR2	iris	exon	26047841	26048134	.
	-	.
Parent=Smp_210520.2;Name=85f5e9c1-99f1-470c-9393-839d69444623
SM_V9_PAR2	iris	exon	26050891	26051142	.
	-	.	Parent=Smp_210520.2;Name=1d807fbd-492b-4315-
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SM_V9_PAR2	iris	CDS	26040771	26041486	.
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SM_V9_PAR2	iris	CDS	26042166	26042332	.
	-	1	Parent=Smp_210520.2
SM_V9_PAR2	iris	CDS	26044034	26044296	.
	-	0	Parent=Smp_210520.2
SM_V9_PAR2	iris	CDS	26045217	26045402	.
	-	0	Parent=Smp_210520.2
SM_V9_PAR2	iris	CDS	26045483	26045636	.
	-	1	Parent=Smp_210520.2
SM_V9_PAR2	iris	CDS	26046043	26046281	.
	-	0	Parent=Smp_210520.2
SM_V9_PAR2	iris	CDS	26046451	26046632	.
	-	2	Parent=Smp_210520.2
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SM_V9_PAR2	iris	CDS	26047551	26047611	.
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SM_V9_PAR2	iris	CDS	26047841	26048134	.
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SM_V9_PAR2	iris	mRNA	26040371	26051218	.
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SM_V9_PAR2	iris	exon	26042166	26042332	.
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SM_V9_PAR2	iris	exon	26044034	26044296	.
	-	.	Parent=Smp_210520.1;Name=50be3ad9-9e4a-477e-
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SM_V9_PAR2	iris	exon	26045217	26045402	.
	-	.	Parent=Smp_210520.1;Name=2989c1f8-315d-41f6-
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SM_V9_PAR2	iris	exon	26045483	26045636	.
	-	.	Parent=Smp_210520.1;Name=ea45cced-e2ae-4b92-
a391-0078a2b9f27c
SM_V9_PAR2	iris	exon	26046043	26046281	.
	-	.	Parent=Smp_210520.1;Name=f7d42498-
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SM_V9_PAR2	iris	exon	26046451	26046632	.
	-	.	Parent=Smp_210520.1;Name=fc2433c7-affe-448d-
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SM_V9_PAR2	iris	exon	26047551	26047611	.
	-	.	Parent=Smp_210520.1;Name=00c2b201-
c7b0-43f5-82af-7b709e451eb9
SM_V9_PAR2	iris	exon	26047841	26048134	.
	-	.	Parent=Smp_210520.1;Name=cb74dbbc-a38b-4a21-
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SM_V9_PAR2	iris	exon	26051149	26051218	.
	-	.	Parent=Smp_210520.1;Name=62fbda50-
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SM_V9_PAR2	iris	CDS	26040771	26041486	.
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SM_V9_PAR2	iris	CDS	26042166	26042332	.
	-	1	Parent=Smp_210520.1
SM_V9_PAR2	iris	CDS	26044034	26044296	.
	-	0	Parent=Smp_210520.1
SM_V9_PAR2	iris	CDS	26045217	26045402	.
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SM_V9_PAR2	iris	CDS	26045483	26045636	.
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SM_V9_PAR2	iris	CDS	26046043	26046281	.
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SM_V9_PAR2	iris	CDS	26046451	26046632	.
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SM_V9_PAR2	iris	CDS	26047841	26048134	.
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homolog;date_creation=2022-09-05
SM_V9_PAR2	iris	exon	26066723	26067054	.
	-	.	Parent=Smp_244040.1;Name=6cbf7c01-
fab8-4b01-8994-4aa223353a53
SM_V9_PAR2	iris	exon	26069259	26069421	.
	-	.	Parent=Smp_244040.1;Name=f8e1726c-e72c-4f53-
b050-82c04fefbdf5
SM_V9_PAR2	iris	exon	26070048	26070156	.
	-	.	Parent=Smp_244040.1;Name=f548866f-2956-4424-
b172-6ddfb85ae7b3
SM_V9_PAR2	iris	exon	26073652	26073805	.
	-	.	Parent=Smp_244040.1;Name=6e7ebaec-9356-4d4b-
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SM_V9_PAR2	iris	exon	26085443	26085589	.
	-	.	Parent=Smp_244040.1;Name=236475e3-97fc-4dcc-
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SM_V9_PAR2	iris	exon	26089333	26089694	.
	-	.
Parent=Smp_244040.1;Name=c33074eb-88e4-4ebf-8f1a-961c996695fd
SM_V9_PAR2	iris	CDS	26066777	26067054	.
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SM_V9_PAR2	iris	CDS	26069259	26069421	.
	-	0	Parent=Smp_244040.1
SM_V9_PAR2	iris	CDS	26070048	26070156	.
	-	1	Parent=Smp_244040.1
SM_V9_PAR2	iris	CDS	26073652	26073805	.
	-	2	Parent=Smp_244040.1
SM_V9_PAR2	iris	CDS	26085443	26085589	.
	-	2	Parent=Smp_244040.1
SM_V9_PAR2	iris	CDS	26089333	26089588	.
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SM_V9_PAR2	iris	gene	26098536	26132527	.
	-	.
ID=Smp_244030;geneID=Smp_244030;gene_name=Smp_244030;owner=irisadmin
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4;date_creation=2022-08-19
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Parent=Smp_244030.1;Name=3f64ed9b-1559-47e9-858c-25cd1bdd5c27
SM_V9_PAR2	iris	exon	26100682	26100893	.	-	.	Parent=Smp_244030.1;Name=d452fe60-c4c3-44d9-b46d-fcdcc152bbb8
SM_V9_PAR2	iris	exon	26102545	26102818	.	-	.	Parent=Smp_244030.1;Name=be2a0ffc-892d-4df7-bc63-d957dfb92397
SM_V9_PAR2	iris	exon	26104170	26104336	.	-	.	Parent=Smp_244030.1;Name=b234ab9b-004b-4261-bf30-93a9fc58f9ee
SM_V9_PAR2	iris	exon	26109956	26110234	.	-	.	Parent=Smp_244030.1;Name=b1048b3f-a82a-4786-ad56-3c8fbab120eb
SM_V9_PAR2	iris	exon	26112830	26112864	.	-	.
Parent=Smp_244030.1;Name=3a158d28-3460-4308-9306-390aab3fcbf4
SM_V9_PAR2	iris	exon	26113430	26113448	.	-	.	Parent=Smp_244030.1;Name=7d5b3868-4714-4c11-a54b-d9ddf1eaf33a
SM_V9_PAR2	iris	exon	26114508	26114554	.	-	.	Parent=Smp_244030.1;Name=7049761e-f701-4711-acc0-176dec435c1c
SM_V9_PAR2	iris	exon	26116593	26116708	.	-	.
Parent=Smp_244030.1;Name=4a205aa5-141c-47ff-9564-9749fbe55a31
SM_V9_PAR2	iris	exon	26124102	26124494	.	-	.	Parent=Smp_244030.1;Name=a67fb15b-e6ce-4b4a-a99d-182fe1f65790
SM_V9_PAR2	iris	exon	26132244	26132527	.	-	.	Parent=Smp_244030.1;Name=6512e4dd-6b3f-4d12-ac41-033ce64b8991
SM_V9_PAR2	iris	CDS	26098911	26099077	.	-	2	Parent=Smp_244030.1
SM_V9_PAR2	iris	CDS	26099849	26100057	.	-	1	Parent=Smp_244030.1
SM_V9_PAR2	iris	CDS	26100682	26100893	.	-	0	Parent=Smp_244030.1
SM_V9_PAR2	iris	CDS	26102545	26102818	.	-	1	Parent=Smp_244030.1
SM_V9_PAR2	iris	CDS	26104170	26104336	.	-	0	Parent=Smp_244030.1
SM_V9_PAR2	iris	CDS	26109956	26110234	.	-	0	Parent=Smp_244030.1
SM_V9_PAR2	iris	CDS	26112830	26112864	.	-	2	Parent=Smp_244030.1
SM_V9_PAR2	iris	CDS	26113430	26113448	.	-	0	Parent=Smp_244030.1
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SM_V9_PAR2	iris	CDS	26132244	26132290	.
	-	0	Parent=Smp_244030.1
SM_V9_PAR2	Liftoff	gene	26132651	26165983	.
	+	.	ID=Smp_129770;geneID=Smp_129770
SM_V9_PAR2	Liftoff	mRNA	26132651	26165983	.
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like protein;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF13637;Ontology_term=GO:0005515
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	+	.	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	exon	26144209	26144299	.
	+	.	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	exon	26148528	26148677	.
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SM_V9_PAR2	Liftoff	exon	26152926	26153063	.
	+	.	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	exon	26153650	26153928	.
	+	.	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	exon	26156222	26156311	.
	+	.	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	exon	26161628	26161665	.
	+	.	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	exon	26162645	26165983	.
	+	.	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26136707	26138170	.
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SM_V9_PAR2	Liftoff	CDS	26139586	26140187	.
	+	0	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26142873	26142935	.
	+	1	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26144209	26144299	.
	+	1	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26148528	26148677	.
	+	0	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26152926	26153063	.
	+	0	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26153650	26153928	.
	+	0	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26156222	26156311	.
	+	0	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26161628	26161665	.
	+	0	Parent=Smp_129770.1
SM_V9_PAR2	Liftoff	CDS	26162645	26162651	.
	+	1	Parent=Smp_129770.1
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SM_V9_PAR2      Liftoff mRNA    26132651        26165983        .
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ID=Smp_129770.2;Parent=Smp_129770;geneID=Smp_129770;product=KN motif
and ankyrin repeat domain-containing protein
2;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF13637;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    26132651        26138170        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26139586        26140187        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26142873        26142935        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26144209        26144299        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26148528        26148677        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26152926        26153063        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26153650        26153928        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26156222        26156311        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26161628        26161665        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff exon    26165041        26165983        .
        +       .       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff CDS     26136707        26138170        .
        +       0       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff CDS     26139586        26140187        .
        +       0       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff CDS     26142873        26142935        .
        +       1       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff CDS     26144209        26144299        .
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SM_V9_PAR2      Liftoff CDS     26148528        26148677        .
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SM_V9_PAR2      Liftoff CDS     26152926        26153063        .
        +       0       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff CDS     26153650        26153928        .
        +       0       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff CDS     26156222        26156311        .
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SM_V9_PAR2      Liftoff CDS     26161628        26161665        .
        +       0       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff CDS     26165041        26165137        .
        +       1       Parent=Smp_129770.2
SM_V9_PAR2      Liftoff gene    26172571        26196718        .
        +       .       ID=Smp_014080;geneID=Smp_014080
SM_V9_PAR2      Liftoff mRNA    26172571        26196718        .
        +       .
ID=Smp_014080.1;Parent=Smp_014080;geneID=Smp_014080;product=Lipopoly
saccharide-induced tumor necrosis factor-alpha factor
homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
SM_V9_PAR2      Liftoff exon    26172571        26180126        .
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        +       .       Parent=Smp_014080.1
SM_V9_PAR2      Liftoff exon    26193202        26193367        .
        +       .       Parent=Smp_014080.1
SM_V9_PAR2      Liftoff exon    26195740        26196718        .
        +       .       Parent=Smp_014080.1
SM_V9_PAR2      Liftoff CDS     26180123        26180126        .
        +       0       Parent=Smp_014080.1
SM_V9_PAR2      Liftoff CDS     26193202        26193367        .
        +       2       Parent=Smp_014080.1
SM_V9_PAR2      Liftoff CDS     26195740        26195848        .
        +       1       Parent=Smp_014080.1
SM_V9_PAR2      iris    gene    26212768        26215539        .
        +       .
ID=Smp_129760;geneID=Smp_129760;gene_name=Smp_129760;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_PAR2      iris    mRNA    26212768        26215539        .
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ID=Smp_129760.1;Parent=Smp_129760;geneID=Smp_129760;gene_name=Smp_12
9760;owner=irisadmin@local.host;orig_id=Smp_129760.1;date_last_modif
ied=2022-09-05;Name=Smp_129760.1;product=U6 snRNA-associated Sm-like
protein LSm5;date_creation=2022-09-05
SM_V9_PAR2      iris    exon    26212768        26212866        .
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Parent=Smp_129760.1;Name=a38a1e16-6ed5-476c-9b3c-1a10aa5330a2
SM_V9_PAR2      iris    exon    26215206        26215539        .
        +       .       Parent=Smp_129760.1;Name=9cf77dd6-ec2e-4fc9-
ac68-b2f7a75fa1e4
SM_V9_PAR2      iris    CDS     26215217        26215480        .
        +       0       Parent=Smp_129760.1
SM_V9_PAR2      Liftoff gene    26221947        26235199        .
        -       .       ID=Smp_014050;geneID=Smp_014050
SM_V9_PAR2      Liftoff mRNA    26221947        26235199        .
        -       .
ID=Smp_014050.1;Parent=Smp_014050;geneID=Smp_014050;product=F-box
only protein 42;polypeptide_domain=InterPro:IPR015915
Pfam:PF13415;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    26221947        26223140        .
        -       .       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff exon    26224623        26225042        .
        -       .       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff exon    26226411        26226942        .
        -       .       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff exon    26228147        26228253        .
        -       .       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff exon    26234801        26235199        .
        -       .       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff CDS     26222419        26223140        .
        -       2       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff CDS     26224623        26225042        .
        -       2       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff CDS     26226411        26226942        .
        -       0       Parent=Smp_014050.1
SM_V9_PAR2      Liftoff CDS     26228147        26228253        .
        -       2       Parent=Smp_014050.1
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SM_V9_PAR2      Liftoff CDS     26234801        26235014        .
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        +       .       ID=Smp_129750;geneID=Smp_129750
SM_V9_PAR2      Liftoff mRNA    26259142        26264407        .
        +       .
ID=Smp_129750.1;Parent=Smp_129750;geneID=Smp_129750;product=Glycopro
tein 3-alpha-L-fucosyltransferase
A;polypeptide_domain=InterPro:IPR001503,IPR031481
Pfam:PF00852,PF17039;Ontology_term=GO:0006486,GO:0008417,GO:0016020
SM_V9_PAR2      Liftoff exon    26259142        26259366        .
        +       .       Parent=Smp_129750.1
SM_V9_PAR2      Liftoff exon    26259897        26260115        .
        +       .       Parent=Smp_129750.1
SM_V9_PAR2      Liftoff exon    26262123        26262265        .
        +       .       Parent=Smp_129750.1
SM_V9_PAR2      Liftoff exon    26264080        26264407        .
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SM_V9_PAR2      Liftoff CDS     26259142        26259366        .
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SM_V9_PAR2      Liftoff CDS     26259897        26260115        .
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SM_V9_PAR2      Liftoff CDS     26262123        26262265        .
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SM_V9_PAR2      Liftoff CDS     26264080        26264407        .
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SM_V9_PAR2      Liftoff gene    26273491        26302971        .
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ID=Smp_342450;geneID=Smp_342450;previous_systematic_id=Smp_129730,Sm
p_129740
SM_V9_PAR2      Liftoff mRNA    26273491        26302971        .
        +       .
ID=Smp_342450.1;Parent=Smp_342450;geneID=Smp_342450;product=Radial
spoke head 10 homolog B2;polypeptide_domain=InterPro:IPR003409
Pfam:PF02493
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        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26273721        26273793        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26277446        26277576        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26277619        26277730        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26278605        26278811        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26281686        26281862        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26283555        26283699        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26284560        26284684        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26286347        26286530        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26289255        26289408        .
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SM_V9_PAR2      Liftoff exon    26290929        26291094        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26292849        26292914        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26293456        26293563        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26296546        26296675        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26298188        26298318        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff exon    26302639        26302971        .
        +       .       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26273515        26273687        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26273721        26273793        .
        +       1       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26277446        26277576        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26277619        26277730        .
        +       1       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26278605        26278811        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26281686        26281862        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26283555        26283699        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26284560        26284684        .
        +       2       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26286347        26286530        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26289255        26289408        .
        +       2       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26290929        26291094        .
        +       1       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26292849        26292914        .
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SM_V9_PAR2      Liftoff CDS     26293456        26293563        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26296546        26296675        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26298188        26298318        .
        +       2       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff CDS     26302639        26302854        .
        +       0       Parent=Smp_342450.1
SM_V9_PAR2      Liftoff gene    26304312        26327087        .
        -       .
ID=Smp_198520;geneID=Smp_198520;previous_systematic_id=Smp_154240
SM_V9_PAR2      Liftoff mRNA    26304312        26327087        .
        -       .
ID=Smp_198520.1;Parent=Smp_198520;geneID=Smp_198520;product=Transcri
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8;polypeptide_domain=InterPro:IPR006565,IPR019473
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SM_V9_PAR2	Liftoff	exon	26307618	26308037	.
	-	.	Parent=Smp_198520.1
SM_V9_PAR2	Liftoff	exon	26311625	26311786	.
	-	.	Parent=Smp_198520.1
SM_V9_PAR2	Liftoff	exon	26318568	26327087	.
	-	.	Parent=Smp_198520.1
SM_V9_PAR2	Liftoff	CDS	26304396	26304607	.
	-	2	Parent=Smp_198520.1
SM_V9_PAR2	Liftoff	CDS	26307618	26308037	.
	-	2	Parent=Smp_198520.1
SM_V9_PAR2	Liftoff	CDS	26311625	26311786	.
	-	2	Parent=Smp_198520.1
SM_V9_PAR2	Liftoff	CDS	26318568	26318715	.
	-	0	Parent=Smp_198520.1
SM_V9_PAR2	iris	gene	26333421	26351372	.
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ID=Smp_161160;geneID=Smp_161160;gene_name=Smp_161160;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2	iris	mRNA	26333421	26351372	.
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ID=Smp_161160.1;Parent=Smp_161160;geneID=Smp_161160;gene_name=Smp_16
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ied=2022-08-19;Name=Smp_161160.1;product=La-related protein
6;date_creation=2022-08-19
SM_V9_PAR2	iris	exon	26333421	26333906	.
	+	.	Parent=Smp_161160.1;Name=be402e35-0056-4793-
a7d2-058938bd3b7c
SM_V9_PAR2	iris	exon	26336835	26337036	.
	+	.	Parent=Smp_161160.1;Name=48dbaccf-0e38-40f2-
a53e-cfb65afc2104
SM_V9_PAR2	iris	exon	26348415	26348460	.
	+	.	Parent=Smp_161160.1;Name=5a86e204-5d29-4c0e-
a525-a50bd93d7fd1
SM_V9_PAR2	iris	exon	26350681	26351372	.
	+	.	Parent=Smp_161160.1;Name=0c7edd7d-9902-4b74-
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SM_V9_PAR2	iris	CDS	26333472	26333906	.
	+	0	Parent=Smp_161160.1
SM_V9_PAR2	iris	CDS	26336835	26337036	.
	+	0	Parent=Smp_161160.1
SM_V9_PAR2	iris	CDS	26348415	26348460	.
	+	2	Parent=Smp_161160.1
SM_V9_PAR2	iris	CDS	26350681	26350984	.
	+	1	Parent=Smp_161160.1
SM_V9_PAR2	iris	gene	26357349	26387424	.
	-	.
ID=Smp_071770;geneID=Smp_071770;gene_name=Smp_071770;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	26357349	26387424	.
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ID=Smp_071770.1;Parent=Smp_071770;geneID=Smp_071770;gene_name=Smp_07
1770;owner=irisadmin@local.host;orig_id=Smp_071770.1;date_last_modif
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ied=2022-09-05;Name=Smp_071770.1;product=RNA exonuclease 1
homolog;date_creation=2022-09-05
SM_V9_PAR2      iris    exon    26357349        26358136        .
        -       .       Parent=Smp_071770.1;Name=b5500a60-3c00-4a46-
bf61-59031f64346c
SM_V9_PAR2      iris    exon    26362582        26363178        .
        -       .
Parent=Smp_071770.1;Name=599e687c-2ad9-494c-9430-15c2c9347a63
SM_V9_PAR2      iris    exon    26370198        26370311        .
        -       .
Parent=Smp_071770.1;Name=0831936d-806c-4a97-90ec-1e8379305881
SM_V9_PAR2      iris    exon    26373592        26373753        .
        -       .
Parent=Smp_071770.1;Name=c58f793a-0b21-4299-8d7f-504bcb77ac52
SM_V9_PAR2      iris    exon    26375340        26375592        .
        -       .       Parent=Smp_071770.1;Name=5061a24e-3a09-48f5-
b971-b412de58a07e
SM_V9_PAR2      iris    exon    26379692        26379853        .
        -       .       Parent=Smp_071770.1;Name=8a035be8-7372-4e40-
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SM_V9_PAR2      iris    exon    26381908        26382741        .
        -       .
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SM_V9_PAR2      iris    exon    26382777        26382808        .
        -       .       Parent=Smp_071770.1;Name=a3b9bb83-4cf8-44fd-
bf64-e19ca1cd95e9
SM_V9_PAR2      iris    exon    26387269        26387424        .
        -       .       Parent=Smp_071770.1;Name=18e068d0-49f7-40c5-
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SM_V9_PAR2      iris    CDS     26358036        26358136        .
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SM_V9_PAR2      iris    CDS     26362582        26363178        .
        -       2       Parent=Smp_071770.1
SM_V9_PAR2      iris    CDS     26370198        26370311        .
        -       2       Parent=Smp_071770.1
SM_V9_PAR2      iris    CDS     26373592        26373753        .
        -       2       Parent=Smp_071770.1
SM_V9_PAR2      iris    CDS     26375340        26375592        .
        -       0       Parent=Smp_071770.1
SM_V9_PAR2      iris    CDS     26379692        26379853        .
        -       0       Parent=Smp_071770.1
SM_V9_PAR2      iris    CDS     26381908        26382741        .
        -       0       Parent=Smp_071770.1
SM_V9_PAR2      iris    CDS     26382777        26382808        .
        -       2       Parent=Smp_071770.1
SM_V9_PAR2      iris    CDS     26387269        26387371        .
        -       0       Parent=Smp_071770.1
SM_V9_PAR2      iris    gene    26407022        26418422        .
        +       .
ID=Smp_345260;geneID=Smp_345260;gene_name=Smp_345260;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    26407022        26418422        .
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ID=Smp_345260.1;Parent=Smp_345260;geneID=Smp_345260;gene_name=Smp_34
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5260;owner=irisadmin@local.host;orig_id=Smp_345260.1;date_last_modif
ied=2022-07-19;Name=Smp_345260.1;product=Gem-associated protein
6;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    26407022        26407231        .
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Parent=Smp_345260.1;Name=efaa3b63-61f4-45da-85ce-253ead67d40c
SM_V9_PAR2      iris    exon    26411688        26414540        .
        +       .       Parent=Smp_345260.1;Name=148185a8-
c0ac-41b1-8b7f-49dc7c435caa
SM_V9_PAR2      iris    exon    26417813        26418422        .
        +       .       Parent=Smp_345260.1;Name=49eeb724-8223-4647-
bc24-17ef155cee06
SM_V9_PAR2      iris    CDS     26414352        26414540        .
        +       0       Parent=Smp_345260.1
SM_V9_PAR2      iris    CDS     26417813        26418166        .
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SM_V9_PAR2      iris    gene    26423331        26469648        .
        +       .
ID=Smp_161140;geneID=Smp_161140;gene_name=Smp_161140;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    26423331        26469648        .
        +       .
ID=Smp_161140.1;Parent=Smp_161140;geneID=Smp_161140;gene_name=Smp_16
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        +       .       Parent=Smp_161140.1;Name=855cd3d0-2ee3-42be-
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SM_V9_PAR2      iris    exon    26428923        26429153        .
        +       .       Parent=Smp_161140.1;Name=855f9a87-
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SM_V9_PAR2      iris    exon    26431106        26431240        .
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Parent=Smp_161140.1;Name=3f1f3dc0-13db-4a54-817c-146ecd719cd8
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SM_V9_PAR2      iris    exon    26435853        26436130        .
        +       .       Parent=Smp_161140.1;Name=728887dd-d842-4579-
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        +       .       Parent=Smp_161140.1;Name=0bdcb2ae-e46c-4d07-
aaee-f7f02d3b4e23
SM_V9_PAR2      iris    exon    26440637        26440885        .
        +       .       Parent=Smp_161140.1;Name=d2ba68cc-f302-42a6-
a58e-0ae7bcf13cd8
SM_V9_PAR2      iris    exon    26443470        26443866        .
        +       .
Parent=Smp_161140.1;Name=457bcc51-29d1-4198-8a31-4f681c8e1308
SM_V9_PAR2      iris    exon    26449061        26449348        .
        +       .       Parent=Smp_161140.1;Name=ce8e6677-5a67-4af8-
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SM_V9_PAR2      iris    exon    26453077        26453435        .
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        +       .       Parent=Smp_161140.1;Name=3ec5d06d-7b48-4ef6-
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SM_V9_PAR2      iris    exon    26461392        26461733        .
        +       .       Parent=Smp_161140.1;Name=273d1036-5714-48c4-
ad83-fb2aac30f433
SM_V9_PAR2      iris    exon    26466501        26466597        .
        +       .
Parent=Smp_161140.1;Name=c765cf3b-09ff-4e74-8856-e2ff57f5ceea
SM_V9_PAR2      iris    exon    26468090        26469648        .
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Parent=Smp_161140.1;Name=ac9af168-5906-4f6a-89c4-2a1a8f9d14f2
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        +       0       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26428923        26429153        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26431106        26431240        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26432327        26432515        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26435853        26436130        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26437578        26437778        .
        +       0       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26440637        26440885        .
        +       0       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26443470        26443866        .
        +       0       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26449061        26449348        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26453077        26453435        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26457385        26457571        .
        +       0       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26461392        26461733        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26466501        26466597        .
        +       2       Parent=Smp_161140.1
SM_V9_PAR2      iris    CDS     26468090        26468168        .
        +       1       Parent=Smp_161140.1
SM_V9_PAR2      iris    gene    26470836        26483443        .
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ID=Smp_161130;geneID=Smp_161130;gene_name=Smp_161130;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    26470836        26483443        .
        -       .
ID=Smp_161130.1;Parent=Smp_161130;geneID=Smp_161130;gene_name=Smp_16
1130;owner=irisadmin@local.host;orig_id=Smp_161130.1;date_last_modif
ied=2022-07-19;Name=Smp_161130.1;product=Conserved oligomeric Golgi
complex subunit 8;date_creation=2022-07-19
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SM_V9_PAR2      iris    exon    26477203        26477468        .
        -       .
Parent=Smp_161130.1;Name=158ef542-7c5f-4f2c-9913-73df0937dec7
SM_V9_PAR2      iris    exon    26480952        26481182        .
        -       .       Parent=Smp_161130.1;Name=df025a14-
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SM_V9_PAR2      iris    exon    26481223        26481743        .
        -       .
Parent=Smp_161130.1;Name=2764c5e5-40b5-4b35-8e75-650199f311aa
SM_V9_PAR2      iris    exon    26483358        26483443        .
        -       .       Parent=Smp_161130.1;Name=805011bc-e15d-47fd-
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        -       0       Parent=Smp_161130.1
SM_V9_PAR2      iris    CDS     26475883        26476348        .
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SM_V9_PAR2      iris    CDS     26481223        26481666        .
        -       0       Parent=Smp_161130.1
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ID=Smp_161120.1;Parent=Smp_161120;geneID=Smp_161120;product=Metastas
is suppressor protein
1;polypeptide_domain=InterPro:IPR013606,IPR027267
Pfam:PF08397;Ontology_term=GO:0007009
SM_V9_PAR2      Liftoff exon    26492077        26492230        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26492268        26492329        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26492363        26492521        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26493344        26493752        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26495290        26495871        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26508946        26509555        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26513446        26514105        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26515693        26516427        .
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        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26528772        26529063        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff exon    26532360        26534777        .
        +       .       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff CDS     26492162        26492230        .
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SM_V9_PAR2      Liftoff CDS     26492268        26492329        .
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SM_V9_PAR2      Liftoff CDS     26492363        26492521        .
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        +       1       Parent=Smp_161120.1
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SM_V9_PAR2      Liftoff CDS     26526422        26526594        .
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        +       2       Parent=Smp_161120.1
SM_V9_PAR2      Liftoff mRNA    26492077        26534777        .
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ID=Smp_161120.2;Parent=Smp_161120;geneID=Smp_161120;product=Metastas
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Pfam:PF08397;Ontology_term=GO:0007009
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SM_V9_PAR2      Liftoff exon    26492268        26492329        .
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SM_V9_PAR2      Liftoff exon    26492363        26492521        .
        +       .       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff exon    26493344        26493752        .
        +       .       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff exon    26495290        26495871        .
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SM_V9_PAR2      Liftoff exon    26508946        26509555        .
        +       .       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff exon    26513446        26514105        .
        +       .       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff exon    26526422        26526594        .
        +       .       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff exon    26528772        26529063        .
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SM_V9_PAR2      Liftoff exon    26532360        26534777        .
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SM_V9_PAR2      Liftoff CDS     26492363        26492521        .
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SM_V9_PAR2      Liftoff CDS     26493344        26493752        .
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SM_V9_PAR2      Liftoff CDS     26495290        26495871        .
        +       0       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff CDS     26508946        26509555        .
        +       0       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff CDS     26513446        26514105        .
        +       2       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff CDS     26526422        26526594        .
        +       2       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff CDS     26528772        26529063        .
        +       0       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff CDS     26532360        26532808        .
        +       2       Parent=Smp_161120.2
SM_V9_PAR2      Liftoff gene    26626650        26694953        .
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ID=Smp_161110;geneID=Smp_161110;previous_systematic_id=Smp_161100
SM_V9_PAR2      Liftoff mRNA    26626650        26694953        .
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3;polypeptide_domain=InterPro:IPR011989,IPR014768,IPR015425,IPR01602
4 Pfam:PF02181;Ontology_term=GO:0005488
SM_V9_PAR2      Liftoff exon    26626650        26629121        .
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SM_V9_PAR2      Liftoff exon    26632109        26632324        .
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SM_V9_PAR2      Liftoff exon    26633282        26633435        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26634722        26634769        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26635947        26636139        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26637530        26637604        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26639764        26639920        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26640495        26640702        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26641547        26641765        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26643040        26643192        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26652307        26652692        .
        -       .       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff exon    26653275        26653581        .
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SM_V9_PAR2	Liftoff	exon	26661557	26661835	.	-	.	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	exon	26663730	26663848	.	-	.	Parent=Smp_161110.1
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SM_V9_PAR2	Liftoff	exon	26670858	26671099	.	-	.	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	exon	26683214	26683325	.	-	.	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	exon	26684230	26684324	.	-	.	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	exon	26685553	26685658	.	-	.	Parent=Smp_161110.1
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SM_V9_PAR2	Liftoff	CDS	26632109	26632324	.	-	2	Parent=Smp_161110.1
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SM_V9_PAR2	Liftoff	CDS	26634722	26634769	.	-	0	Parent=Smp_161110.1
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SM_V9_PAR2	Liftoff	CDS	26637530	26637604	.	-	1	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	CDS	26639764	26639920	.	-	2	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	CDS	26640495	26640702	.	-	0	Parent=Smp_161110.1
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SM_V9_PAR2	Liftoff	CDS	26643040	26643192	.	-	0	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	CDS	26652307	26652692	.	-	2	Parent=Smp_161110.1
SM_V9_PAR2	Liftoff	CDS	26653275	26653581	.	-	0	Parent=Smp_161110.1
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SM_V9_PAR2      Liftoff CDS     26668103        26668374        .
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SM_V9_PAR2      Liftoff CDS     26683214        26683325        .
        -       0       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff CDS     26684230        26684324        .
        -       2       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff CDS     26685553        26685658        .
        -       0       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff CDS     26686520        26686587        .
        -       2       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff CDS     26690159        26690214        .
        -       1       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff CDS     26694542        26694663        .
        -       0       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff CDS     26694702        26694791        .
        -       0       Parent=Smp_161110.1
SM_V9_PAR2      Liftoff mRNA    26626650        26694953        .
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ID=Smp_161110.2;Parent=Smp_161110;geneID=Smp_161110;product=FH1/FH2
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3;polypeptide_domain=InterPro:IPR011989,IPR014768,IPR015425,IPR01602
4 Pfam:PF02181;Ontology_term=GO:0005488
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SM_V9_PAR2      Liftoff exon    26632109        26632324        .
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SM_V9_PAR2      Liftoff exon    26633282        26633435        .
        -       .       Parent=Smp_161110.2
SM_V9_PAR2      Liftoff exon    26634722        26634769        .
        -       .       Parent=Smp_161110.2
SM_V9_PAR2      Liftoff exon    26635947        26636139        .
        -       .       Parent=Smp_161110.2
SM_V9_PAR2      Liftoff exon    26637530        26637604        .
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SM_V9_PAR2      Liftoff exon    26639764        26639920        .
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SM_V9_PAR2      Liftoff exon    26640495        26640702        .
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SM_V9_PAR2      Liftoff exon    26641547        26641765        .
        -       .       Parent=Smp_161110.2
SM_V9_PAR2      Liftoff exon    26643040        26643192        .
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SM_V9_PAR2      Liftoff exon    26652307        26652692        .
        -       .       Parent=Smp_161110.2
SM_V9_PAR2      Liftoff exon    26653275        26653581        .
        -       .       Parent=Smp_161110.2
SM_V9_PAR2      Liftoff exon    26655117        26655248        .
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SM_V9_PAR2	Liftoff	exon	26657478	26657686	.
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SM_V9_PAR2	Liftoff	exon	26659874	26660236	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26661557	26661835	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26663730	26663848	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26668103	26668374	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26670858	26671099	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26683214	26683325	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26684230	26684324	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26685553	26685658	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26686520	26686587	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26690159	26690214	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26694542	26694663	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	exon	26694702	26694953	.
	-	.	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26629039	26629121	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26632109	26632324	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26633282	26633435	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26634722	26634769	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26635947	26636139	.
	-	1	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26637530	26637604	.
	-	1	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26639764	26639920	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26640495	26640702	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26641547	26641765	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26643040	26643192	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26652307	26652692	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26653275	26653581	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26655117	26655248	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26657478	26657686	.
	-	2	Parent=Smp_161110.2
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SM_V9_PAR2	Liftoff	CDS	26659874	26660236	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26661557	26661835	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26663730	26663848	.
	-	1	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26668103	26668374	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26670858	26671099	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26683214	26683325	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26684230	26684324	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26685553	26685658	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26686520	26686587	.
	-	2	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26690159	26690214	.
	-	1	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26694542	26694663	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	CDS	26694702	26694791	.
	-	0	Parent=Smp_161110.2
SM_V9_PAR2	Liftoff	mRNA	26626650	26694953	.
	-	.
ID=Smp_161110.3;Parent=Smp_161110;geneID=Smp_161110;product=FH1/FH2
domain-containing protein
3;polypeptide_domain=InterPro:IPR011989,IPR014768,IPR015425,IPR01602
4 Pfam:PF02181;Ontology_term=GO:0005488
SM_V9_PAR2	Liftoff	exon	26626650	26629121	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26632109	26632324	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26633282	26633435	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26634722	26634769	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26635947	26636139	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26637530	26637604	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26639764	26639920	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26640495	26640702	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26641547	26641765	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26643040	26643192	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26652307	26652692	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26653275	26653581	.
	-	.	Parent=Smp_161110.3
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SM_V9_PAR2	Liftoff	exon	26655117	26655248	.
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SM_V9_PAR2	Liftoff	exon	26657478	26657686	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26659865	26660236	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26661557	26661835	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26663730	26663848	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26668103	26668374	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26670858	26671099	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26683214	26683325	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26684230	26684324	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26685553	26685658	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26686520	26686587	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26690159	26690214	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26694542	26694663	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	exon	26694702	26694953	.
	-	.	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26629039	26629121	.
	-	2	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26632109	26632324	.
	-	2	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26633282	26633435	.
	-	0	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26634722	26634769	.
	-	0	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26635947	26636139	.
	-	1	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26637530	26637604	.
	-	1	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26639764	26639920	.
	-	2	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26640495	26640702	.
	-	0	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26641547	26641765	.
	-	0	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26643040	26643192	.
	-	0	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26652307	26652692	.
	-	2	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26653275	26653581	.
	-	0	Parent=Smp_161110.3
SM_V9_PAR2	Liftoff	CDS	26655117	26655248	.
	-	0	Parent=Smp_161110.3
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SM_V9_PAR2      Liftoff CDS     26657478        26657686        .
        -       2       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26659865        26660236        .
        -       2       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26661557        26661835        .
        -       2       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26663730        26663848        .
        -       1       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26668103        26668374        .
        -       0       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26670858        26671099        .
        -       2       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26683214        26683325        .
        -       0       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26684230        26684324        .
        -       2       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26685553        26685658        .
        -       0       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26686520        26686587        .
        -       2       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26690159        26690214        .
        -       1       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26694542        26694663        .
        -       0       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff CDS     26694702        26694791        .
        -       0       Parent=Smp_161110.3
SM_V9_PAR2      Liftoff mRNA    26626650        26694953        .
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ID=Smp_161110.4;Parent=Smp_161110;geneID=Smp_161110;product=FH1/FH2
domain-containing protein
3;polypeptide_domain=InterPro:IPR011989,IPR014768,IPR015425,IPR01602
4 Pfam:PF02181;Ontology_term=GO:0005488
SM_V9_PAR2      Liftoff exon    26626650        26629121        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26632109        26632324        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26633282        26633435        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26634722        26634769        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26635947        26636139        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26637530        26637604        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26639764        26639920        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26640495        26640702        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26641547        26641765        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26643040        26643192        .
        -       .       Parent=Smp_161110.4
SM_V9_PAR2      Liftoff exon    26652307        26652689        .
        -       .       Parent=Smp_161110.4
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SM_V9_PAR2	Liftoff	exon	26653275	26653581	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26655117	26655248	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26657478	26657686	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26659874	26660236	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26661557	26661835	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26663730	26663848	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26668103	26668374	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26670858	26671099	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26683214	26683325	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26684230	26684324	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26685553	26685658	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26686520	26686587	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26690159	26690214	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26694542	26694663	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	exon	26694702	26694953	.
	-	.	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26629039	26629121	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26632109	26632324	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26633282	26633435	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26634722	26634769	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26635947	26636139	.
	-	1	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26637530	26637604	.
	-	1	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26639764	26639920	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26640495	26640702	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26641547	26641765	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26643040	26643192	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26652307	26652689	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26653275	26653581	.
	-	0	Parent=Smp_161110.4
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SM_V9_PAR2	Liftoff	CDS	26655117	26655248	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26657478	26657686	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26659874	26660236	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26661557	26661835	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26663730	26663848	.
	-	1	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26668103	26668374	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26670858	26671099	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26683214	26683325	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26684230	26684324	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26685553	26685658	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26686520	26686587	.
	-	2	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26690159	26690214	.
	-	1	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26694542	26694663	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	CDS	26694702	26694791	.
	-	0	Parent=Smp_161110.4
SM_V9_PAR2	Liftoff	mRNA	26626650	26694953	.
	-	.
ID=Smp_161110.5;Parent=Smp_161110;geneID=Smp_161110;product=FH1/FH2
domain-containing protein
3;polypeptide_domain=InterPro:IPR011989,IPR014768,IPR015425,IPR01602
4 Pfam:PF02181;Ontology_term=GO:0005488
SM_V9_PAR2	Liftoff	exon	26626650	26629121	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26632109	26632324	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26633282	26633435	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26635947	26636139	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26637530	26637604	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26639764	26639920	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26640495	26640702	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26641547	26641765	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26643040	26643192	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26652307	26652692	.
	-	.	Parent=Smp_161110.5
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SM_V9_PAR2	Liftoff	exon	26653275	26653581	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26655117	26655248	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26657478	26657686	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26659874	26660236	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26661557	26661835	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26663730	26663848	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26668103	26668374	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26670858	26671099	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26683214	26683325	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26684230	26684324	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26685553	26685658	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26686520	26686587	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26690159	26690214	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26694542	26694663	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	exon	26694702	26694953	.
	-	.	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26629039	26629121	.
	-	2	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26632109	26632324	.
	-	2	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26633282	26633435	.
	-	0	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26635947	26636139	.
	-	1	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26637530	26637604	.
	-	1	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26639764	26639920	.
	-	2	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26640495	26640702	.
	-	0	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26641547	26641765	.
	-	0	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26643040	26643192	.
	-	0	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26652307	26652692	.
	-	2	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26653275	26653581	.
	-	0	Parent=Smp_161110.5
SM_V9_PAR2	Liftoff	CDS	26655117	26655248	.
	-	0	Parent=Smp_161110.5
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SM_V9_PAR2      Liftoff CDS     26657478        26657686        .
        -       2       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26659874        26660236        .
        -       2       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26661557        26661835        .
        -       2       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26663730        26663848        .
        -       1       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26668103        26668374        .
        -       0       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26670858        26671099        .
        -       2       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26683214        26683325        .
        -       0       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26684230        26684324        .
        -       2       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26685553        26685658        .
        -       0       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26686520        26686587        .
        -       2       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26690159        26690214        .
        -       1       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26694542        26694663        .
        -       0       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff CDS     26694702        26694791        .
        -       0       Parent=Smp_161110.5
SM_V9_PAR2      Liftoff mRNA    26626650        26694953        .
        -       .
ID=Smp_161110.6;Parent=Smp_161110;geneID=Smp_161110;product=FH1/FH2
domain-containing protein
3;polypeptide_domain=InterPro:IPR011989,IPR014768,IPR015425,IPR01602
4 Pfam:PF02181;Ontology_term=GO:0005488
SM_V9_PAR2      Liftoff exon    26626650        26629121        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26632109        26632324        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26633282        26633435        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26634722        26634769        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26635947        26636139        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26637530        26637604        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26639764        26639920        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26640495        26640702        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26641547        26641765        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26643040        26643192        .
        -       .       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff exon    26651125        26651130        .
        -       .       Parent=Smp_161110.6
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SM_V9_PAR2	Liftoff	exon	26652307	26652692	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26653275	26653581	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26655117	26655248	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26657478	26657686	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26659874	26660236	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26661557	26661835	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26663730	26663848	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26668103	26668374	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26670858	26671099	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26683214	26683325	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26684230	26684324	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26685553	26685658	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26686520	26686587	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26690159	26690214	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26694542	26694663	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	exon	26694702	26694953	.	-	.	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26629039	26629121	.	-	2	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26632109	26632324	.	-	2	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26633282	26633435	.	-	0	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26634722	26634769	.	-	0	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26635947	26636139	.	-	1	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26637530	26637604	.	-	1	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26639764	26639920	.	-	2	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26640495	26640702	.	-	0	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26641547	26641765	.	-	0	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26643040	26643192	.	-	0	Parent=Smp_161110.6
SM_V9_PAR2	Liftoff	CDS	26651125	26651130	.	-	0	Parent=Smp_161110.6
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SM_V9_PAR2      Liftoff CDS     26652307        26652692        .
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SM_V9_PAR2      Liftoff CDS     26653275        26653581        .
        -       0       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26655117        26655248        .
        -       0       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26657478        26657686        .
        -       2       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26659874        26660236        .
        -       2       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26661557        26661835        .
        -       2       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26663730        26663848        .
        -       1       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26668103        26668374        .
        -       0       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26670858        26671099        .
        -       2       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26683214        26683325        .
        -       0       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26684230        26684324        .
        -       2       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26685553        26685658        .
        -       0       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26686520        26686587        .
        -       2       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26690159        26690214        .
        -       1       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26694542        26694663        .
        -       0       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff CDS     26694702        26694791        .
        -       0       Parent=Smp_161110.6
SM_V9_PAR2      Liftoff gene    26779884        26780397        .
        +       .       ID=Smp_204250;geneID=Smp_204250
SM_V9_PAR2      Liftoff mRNA    26779884        26780397        .
        +       .
ID=Smp_204250.1;Parent=Smp_204250;geneID=Smp_204250;product=Brefeldi
n A-inhibited guanine nucleotide-exchange protein 3
SM_V9_PAR2      Liftoff exon    26779884        26780397        .
        +       .       Parent=Smp_204250.1
SM_V9_PAR2      Liftoff CDS     26779986        26780234        .
        +       0       Parent=Smp_204250.1
SM_V9_PAR2      iris    gene    26830884        26880218        .
        -       .
ID=Smp_161080;geneID=Smp_161080;gene_name=Smp_161080;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    26830884        26880218        .
        -       .
ID=Smp_161080.1;Parent=Smp_161080;geneID=Smp_161080;gene_name=Smp_16
1080;owner=irisadmin@local.host;orig_id=Smp_161080.1;date_last_modif
ied=2022-07-19;Name=Smp_161080.1;product=Uncharacterized protein
C1259.12c;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    26830884        26833886        .
        -       .       Parent=Smp_161080.1;Name=0f77f9c8-cc58-4a78-
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ba3b-10d8b48ec092
SM_V9_PAR2      iris    exon    26835914        26836025        .
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e42c-46e9-8e1f-758d903633b6
SM_V9_PAR2      iris    exon    26839043        26839849        .
        -       .       Parent=Smp_161080.1;Name=455dcc90-a33c-438b-
ae8d-6348e3944098
SM_V9_PAR2      iris    exon    26842594        26843229        .
        -       .       Parent=Smp_161080.1;Name=76954fad-cbee-4f8f-
a1cc-0fbc3a69d399
SM_V9_PAR2      iris    exon    26852484        26853141        .
        -       .       Parent=Smp_161080.1;Name=bc2051d3-ddee-4ca8-
a432-54fc5ae2248c
SM_V9_PAR2      iris    exon    26862154        26862335        .
        -       .
Parent=Smp_161080.1;Name=044f9d7c-0c0f-494b-95fe-c57589a8cef5
SM_V9_PAR2      iris    exon    26865612        26865805        .
        -       .       Parent=Smp_161080.1;Name=19fdf3ea-14d0-421b-
a74a-d903f6c26db8
SM_V9_PAR2      iris    exon    26869396        26869448        .
        -       .       Parent=Smp_161080.1;Name=26561d8e-e329-4fdd-
bae7-694da383af5f
SM_V9_PAR2      iris    exon    26874615        26874735        .
        -       .       Parent=Smp_161080.1;Name=769712e9-162b-4aa1-
ab49-5106776c141f
SM_V9_PAR2      iris    exon    26880028        26880218        .
        -       .       Parent=Smp_161080.1;Name=21ad5ab8-7ce5-4b4e-
a91e-aa88ac751bc9
SM_V9_PAR2      iris    CDS     26832958        26833886        .
        -       2       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26835914        26836025        .
        -       0       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26839043        26839849        .
        -       0       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26842594        26843229        .
        -       0       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26852484        26853141        .
        -       1       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26862154        26862335        .
        -       0       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26865612        26865805        .
        -       2       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26869396        26869448        .
        -       1       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26874615        26874735        .
        -       2       Parent=Smp_161080.1
SM_V9_PAR2      iris    CDS     26880028        26880193        .
        -       0       Parent=Smp_161080.1
SM_V9_PAR2      iris    mRNA    26830884        26880218        .
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ID=Smp_161080.2;Parent=Smp_161080;geneID=Smp_161080;gene_name=Smp_16
1080;owner=irisadmin@local.host;orig_id=Smp_161080.2;date_last_modif
ied=2022-07-19;Name=Smp_161080.2;product=Uncharacterized protein
C1259.12c;date_creation=2022-07-19
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Parent=Smp_161080.2;Name=82c7afd0-6dcf-42f9-849b-18f89b4e62a8
SM_V9_PAR2	iris	exon	26835914	26836025	.
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Parent=Smp_161080.2;Name=e52fe120-9f3b-4b43-919a-b376adfe5cea
SM_V9_PAR2	iris	exon	26839043	26839417	.
	-	.
Parent=Smp_161080.2;Name=e90de090-0af5-46f5-8d56-928965bfcb63
SM_V9_PAR2	iris	exon	26842594	26843229	.
	-	.	Parent=Smp_161080.2;Name=354e68b5-5e7a-4122-
ab34-cceeb48ae4df
SM_V9_PAR2	iris	exon	26852484	26853141	.
	-	.
Parent=Smp_161080.2;Name=a992c731-99cf-45cc-8a16-5557dc03eca9
SM_V9_PAR2	iris	exon	26862154	26862335	.
	-	.	Parent=Smp_161080.2;Name=66d9a235-a1d1-42bc-
aa36-2173067c8867
SM_V9_PAR2	iris	exon	26865612	26865805	.
	-	.	Parent=Smp_161080.2;Name=d3e51f29-9aff-4f07-
a275-1a18ecf337b7
SM_V9_PAR2	iris	exon	26869396	26869448	.
	-	.	Parent=Smp_161080.2;Name=eb51be9e-9b00-4820-
bc4c-314595b738af
SM_V9_PAR2	iris	exon	26874615	26874735	.
	-	.	Parent=Smp_161080.2;Name=a1ab690e-e463-4991-
bbc3-d8c4c58983d8
SM_V9_PAR2	iris	exon	26880028	26880218	.
	-	.
Parent=Smp_161080.2;Name=2b5e218d-93e7-4f39-8442-12e3aaea37af
SM_V9_PAR2	iris	CDS	26832958	26833886	.
	-	2	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26835914	26836025	.
	-	0	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26839043	26839417	.
	-	0	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26842594	26843229	.
	-	0	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26852484	26853141	.
	-	1	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26862154	26862335	.
	-	0	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26865612	26865805	.
	-	2	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26869396	26869448	.
	-	1	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26874615	26874735	.
	-	2	Parent=Smp_161080.2
SM_V9_PAR2	iris	CDS	26880028	26880193	.
	-	0	Parent=Smp_161080.2
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	-	.
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ied=2022-07-19;Name=Smp_071640.1;product=RNA-binding protein
1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	26910283	26910638	.
	-	.	Parent=Smp_071640.1;Name=e695babe-ed4c-4bbd-
b3c1-68e00802eb4c
SM_V9_PAR2	iris	exon	26911494	26911999	.
	-	.	Parent=Smp_071640.1;Name=88ee189a-6112-4976-
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SM_V9_PAR2	iris	exon	26912040	26912144	.
	-	.	Parent=Smp_071640.1;Name=f35c5b48-0aa6-4754-
bf78-1b93a58f813f
SM_V9_PAR2	iris	exon	26913669	26913728	.
	-	.	Parent=Smp_071640.1;Name=ac03d034-
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SM_V9_PAR2	iris	exon	26913764	26914020	.
	-	.
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SM_V9_PAR2	iris	CDS	26910622	26910638	.
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SM_V9_PAR2	iris	CDS	26911494	26911999	.
	-	1	Parent=Smp_071640.1
SM_V9_PAR2	iris	CDS	26912040	26912144	.
	-	1	Parent=Smp_071640.1
SM_V9_PAR2	iris	CDS	26913669	26913728	.
	-	1	Parent=Smp_071640.1
SM_V9_PAR2	iris	CDS	26913764	26913972	.
	-	0	Parent=Smp_071640.1
SM_V9_PAR2	Liftoff	gene	26943654	26959562	.
	-	.	ID=Smp_071630;geneID=Smp_071630
SM_V9_PAR2	Liftoff	mRNA	26943654	26959562	.
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14, putative;evidence=Inferred from Sequence
Orthology;polypeptide_domain=InterPro:IPR001806,IPR005225,IPR027417
Pfam:PF00071;Ontology_term=GO:0003924,GO:0005525
SM_V9_PAR2	Liftoff	exon	26943654	26945053	.
	-	.	Parent=Smp_071630.1
SM_V9_PAR2	Liftoff	exon	26950932	26951205	.
	-	.	Parent=Smp_071630.1
SM_V9_PAR2	Liftoff	exon	26951241	26951323	.
	-	.	Parent=Smp_071630.1
SM_V9_PAR2	Liftoff	exon	26951361	26951500	.
	-	.	Parent=Smp_071630.1
SM_V9_PAR2	Liftoff	exon	26959463	26959562	.
	-	.	Parent=Smp_071630.1
SM_V9_PAR2	Liftoff	CDS	26944955	26945053	.
	-	0	Parent=Smp_071630.1
SM_V9_PAR2	Liftoff	CDS	26950932	26951205	.
	-	1	Parent=Smp_071630.1
SM_V9_PAR2	Liftoff	CDS	26951241	26951323	.
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        -       2       Parent=Smp_071630.1
SM_V9_PAR2      Liftoff CDS     26959463        26959508        .
        -       0       Parent=Smp_071630.1
SM_V9_PAR2      Liftoff gene    26959656        26963422        .
        +       .
ID=Smp_306710;geneID=Smp_306710;previous_systematic_id=Smp_071600
SM_V9_PAR2      Liftoff mRNA    26959656        26963422        .
        +       .
ID=Smp_306710.1;Parent=Smp_306710;geneID=Smp_306710;product=Transloc
on-associated protein subunit
alpha;polypeptide_domain=InterPro:IPR005595
Pfam:PF03896;Ontology_term=GO:0005789
SM_V9_PAR2      Liftoff exon    26959656        26959756        .
        +       .       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff exon    26962179        26962528        .
        +       .       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff exon    26962562        26962693        .
        +       .       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff exon    26962729        26962954        .
        +       .       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff exon    26963166        26963422        .
        +       .       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff CDS     26959702        26959756        .
        +       0       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff CDS     26962179        26962528        .
        +       2       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff CDS     26962562        26962693        .
        +       0       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff CDS     26962729        26962954        .
        +       0       Parent=Smp_306710.1
SM_V9_PAR2      Liftoff CDS     26963166        26963209        .
        +       2       Parent=Smp_306710.1
SM_V9_PAR2      iris    gene    26963726        26968233        .
        -       .
ID=Smp_347590;geneID=Smp_347590;gene_name=Smp_347590;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_PAR2      iris    mRNA    26963726        26968233        .
        -       .
ID=Smp_347590.1;Parent=Smp_347590;geneID=Smp_347590;gene_name=Smp_34
7590;owner=irisadmin@local.host;orig_id=Smp_347590.1;date_last_modif
ied=2022-09-05;Name=Smp_347590.1;product=ADP-ribosylation factor-
like protein 6-interacting protein 1;date_creation=2022-09-05
SM_V9_PAR2      iris    exon    26963726        26963967        .
        -       .
Parent=Smp_347590.1;Name=6087abcd-27f0-472f-8f83-c8e573ed1821
SM_V9_PAR2      iris    exon    26965323        26965593        .
        -       .       Parent=Smp_347590.1;Name=583340f8-
fa9b-4276-8cb0-8ca53afe82dd
SM_V9_PAR2      iris    exon    26965631        26965977        .
        -       .
Parent=Smp_347590.1;Name=c12fae86-72d8-4197-9a04-bcb41933462a
SM_V9_PAR2      iris    exon    26968170        26968233        .
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        -       1       Parent=Smp_347590.1
SM_V9_PAR2      iris    CDS     26965631        26965920        .
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ID=Smp_071590.1;Parent=Smp_071590;geneID=Smp_071590;product=ADP-
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SM_V9_PAR2      Liftoff exon    26969366        26969709        .
        +       .       Parent=Smp_071590.1
SM_V9_PAR2      Liftoff exon    26969747        26970017        .
        +       .       Parent=Smp_071590.1
SM_V9_PAR2      Liftoff exon    26971373        26971620        .
        +       .       Parent=Smp_071590.1
SM_V9_PAR2      Liftoff CDS     26969648        26969709        .
        +       0       Parent=Smp_071590.1
SM_V9_PAR2      Liftoff CDS     26969747        26970017        .
        +       1       Parent=Smp_071590.1
SM_V9_PAR2      Liftoff CDS     26971373        26971504        .
        +       0       Parent=Smp_071590.1
SM_V9_PAR2      Liftoff gene    26971918        26973002        .
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ID=Smp_306720;geneID=Smp_306720;previous_systematic_id=Smp_071600
SM_V9_PAR2      Liftoff mRNA    26971918        26973002        .
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ID=Smp_306720.1;Parent=Smp_306720;geneID=Smp_306720;product=Transloc
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alpha;polypeptide_domain=InterPro:IPR005595
Pfam:PF03896;Ontology_term=GO:0005789
SM_V9_PAR2      Liftoff exon    26971918        26972174        .
        -       .       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff exon    26972386        26972611        .
        -       .       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff exon    26972647        26972778        .
        -       .       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff exon    26972812        26973002        .
        -       .       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff CDS     26972131        26972174        .
        -       2       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff CDS     26972386        26972611        .
        -       0       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff CDS     26972647        26972778        .
        -       0       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff CDS     26972812        26972883        .
        -       0       Parent=Smp_306720.1
SM_V9_PAR2      Liftoff gene    26976746        26991371        .
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SM_V9_PAR2      Liftoff mRNA    26976746        26991371        .
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Pfam:PF05577;Ontology_term=GO:0006508,GO:0008236
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SM_V9_PAR2      Liftoff exon    26979629        26979765        .
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        +       .       Parent=Smp_071610.1
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        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff exon    26980180        26980267        .
        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff exon    26981298        26981549        .
        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff exon    26983709        26983803        .
        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff exon    26985433        26985592        .
        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff exon    26987253        26987317        .
        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff exon    26988702        26988772        .
        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff exon    26990992        26991371        .
        +       .       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff CDS     26979419        26979587        .
        +       0       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff CDS     26979629        26979765        .
        +       2       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff CDS     26979807        26979967        .
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SM_V9_PAR2      Liftoff CDS     26980004        26980139        .
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SM_V9_PAR2      Liftoff CDS     26980180        26980267        .
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SM_V9_PAR2      Liftoff CDS     26981298        26981549        .
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SM_V9_PAR2      Liftoff CDS     26983709        26983803        .
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SM_V9_PAR2      Liftoff CDS     26985433        26985592        .
        +       0       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff CDS     26987253        26987317        .
        +       2       Parent=Smp_071610.1
SM_V9_PAR2      Liftoff CDS     26988702        26988772        .
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SM_V9_PAR2      Liftoff CDS     26990992        26991076        .
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SM_V9_PAR2      iris    gene    26997162        27038282        .
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ID=Smp_244070;geneID=Smp_244070;gene_name=Smp_244070;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    26997162        27038282        .
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ID=Smp_244070.1;Parent=Smp_244070;geneID=Smp_244070;gene_name=Smp_24
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ied=2022-07-19;Name=Smp_244070.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    26997162        26997736        .
        -       .       Parent=Smp_244070.1;Name=8f5fbe94-85d9-4249-
bf6f-d6a89c6bd903
SM_V9_PAR2      iris    exon    26998986        26999099        .
        -       .       Parent=Smp_244070.1;Name=d13cd380-
baa8-4c12-8ee8-bd52b9833940
SM_V9_PAR2      iris    exon    27003501        27003626        .
        -       .       Parent=Smp_244070.1;Name=335132bc-2362-4528-
b8fb-4ac1c43dc407
SM_V9_PAR2      iris    exon    27005195        27005692        .
        -       .       Parent=Smp_244070.1;Name=6536dfef-34a5-45dc-
a95f-21c291e626c0
SM_V9_PAR2      iris    exon    27019770        27020029        .
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Parent=Smp_244070.1;Name=554230d5-59b3-417f-8a32-675aee215ada
SM_V9_PAR2      iris    exon    27022465        27022555        .
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SM_V9_PAR2      iris    exon    27029849        27030086        .
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Parent=Smp_244070.1;Name=bdc1aea1-85ff-4b5c-865e-4d2d7335997e
SM_V9_PAR2      iris    exon    27034103        27034368        .
        -       .       Parent=Smp_244070.1;Name=e584c698-85e4-4511-
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SM_V9_PAR2      iris    exon    27036369        27036508        .
        -       .
Parent=Smp_244070.1;Name=f243129b-5013-4cc8-9a67-9cab54572ebc
SM_V9_PAR2      iris    exon    27037620        27037725        .
        -       .       Parent=Smp_244070.1;Name=ef0749df-
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SM_V9_PAR2      iris    exon    27037761        27037890        .
        -       .       Parent=Smp_244070.1;Name=5fee6ea8-e3cc-49f8-
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SM_V9_PAR2      iris    exon    27037927        27038071        .
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SM_V9_PAR2      iris    exon    27038112        27038282        .
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SM_V9_PAR2      iris    CDS     26997404        26997736        .
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SM_V9_PAR2      iris    CDS     26998986        26999099        .
        -       0       Parent=Smp_244070.1
SM_V9_PAR2      iris    CDS     27003501        27003626        .
        -       0       Parent=Smp_244070.1
SM_V9_PAR2      iris    CDS     27005195        27005692        .
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SM_V9_PAR2      iris    CDS     27019770        27020029        .
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SM_V9_PAR2      iris    CDS     27022465        27022555        .
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SM_V9_PAR2      iris    CDS     27036369        27036508        .
        -       2       Parent=Smp_244070.1
SM_V9_PAR2      iris    CDS     27037620        27037725        .
        -       0       Parent=Smp_244070.1
SM_V9_PAR2      iris    CDS     27037761        27037890        .
        -       1       Parent=Smp_244070.1
SM_V9_PAR2      iris    CDS     27037927        27038071        .
        -       2       Parent=Smp_244070.1
SM_V9_PAR2      iris    CDS     27038112        27038217        .
        -       0       Parent=Smp_244070.1
SM_V9_PAR2      Liftoff gene    27064502        27089402        .
        -       .       ID=Smp_095580;geneID=Smp_095580
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1;polypeptide_domain=InterPro:IPR002123,IPR032098
Pfam:PF01553,PF16076;Ontology_term=GO:0008152,GO:0016746
SM_V9_PAR2      Liftoff exon    27064502        27065556        .
        -       .       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff exon    27070703        27070948        .
        -       .       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff exon    27076483        27076633        .
        -       .       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff exon    27079826        27080143        .
        -       .       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff exon    27082746        27089402        .
        -       .       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff CDS     27065126        27065556        .
        -       2       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff CDS     27070703        27070948        .
        -       2       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff CDS     27076483        27076633        .
        -       0       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff CDS     27079826        27080143        .
        -       0       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff CDS     27082746        27083063        .
        -       0       Parent=Smp_095580.1
SM_V9_PAR2      Liftoff gene    27086497        27089402        .
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ID=Smp_341610;geneID=Smp_341610;previous_systematic_id=Smp_095590
SM_V9_PAR2      Liftoff mRNA    27086497        27089402        .
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ID=Smp_341610.1;Parent=Smp_341610;geneID=Smp_341610;product=40S
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mitochondrial;polypeptide_domain=InterPro:IPR005679,IPR006032,IPR012
340
Pfam:PF00164;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12,GO:0015935
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SM_V9_PAR2      Liftoff exon    27086497        27089402        .
        -       .       Parent=Smp_341610.1
SM_V9_PAR2      Liftoff CDS     27086607        27086963        .
        -       0       Parent=Smp_341610.1
SM_V9_PAR2      Liftoff gene    27098597        27099079        .
        -       .       ID=Smp_324060;geneID=Smp_324060
SM_V9_PAR2      Liftoff mRNA    27098597        27099079        .
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methylornithine--L-lysine ligase
SM_V9_PAR2      Liftoff exon    27098597        27099079        .
        -       .       Parent=Smp_324060.1
SM_V9_PAR2      Liftoff CDS     27098624        27099076        .
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SM_V9_PAR2      Liftoff gene    27109584        27117702        .
        -       .       ID=Smp_193750;geneID=Smp_193750
SM_V9_PAR2      Liftoff mRNA    27109584        27117702        .
        -       .
ID=Smp_193750.1;Parent=Smp_193750;geneID=Smp_193750;product=Protein
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SM_V9_PAR2      Liftoff exon    27109584        27109969        .
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SM_V9_PAR2      Liftoff exon    27117110        27117702        .
        -       .       Parent=Smp_193750.1
SM_V9_PAR2      Liftoff CDS     27109789        27109969        .
        -       1       Parent=Smp_193750.1
SM_V9_PAR2      Liftoff CDS     27113377        27113564        .
        -       0       Parent=Smp_193750.1
SM_V9_PAR2      Liftoff CDS     27117110        27117208        .
        -       0       Parent=Smp_193750.1
SM_V9_PAR2      Liftoff mRNA    27109584        27117702        .
        -       .
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ABHD11;polypeptide_domain=InterPro:IPR029058
SM_V9_PAR2      Liftoff exon    27109584        27109969        .
        -       .       Parent=Smp_193750.2
SM_V9_PAR2      Liftoff exon    27113377        27117702        .
        -       .       Parent=Smp_193750.2
SM_V9_PAR2      Liftoff CDS     27109789        27109969        .
        -       1       Parent=Smp_193750.2
SM_V9_PAR2      Liftoff CDS     27113377        27113555        .
        -       0       Parent=Smp_193750.2
SM_V9_PAR2      Liftoff mRNA    27109584        27117702        .
        -       .
ID=Smp_193750.3;Parent=Smp_193750;geneID=Smp_193750;product=Protein
ABHD11;polypeptide_domain=InterPro:IPR029058
SM_V9_PAR2      Liftoff exon    27109584        27109969        .
        -       .       Parent=Smp_193750.3
SM_V9_PAR2      Liftoff exon    27113377        27113564        .
        -       .       Parent=Smp_193750.3
SM_V9_PAR2      Liftoff exon    27117110        27117702        .
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SM_V9_PAR2	Liftoff	CDS	27109789	27109969	.
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SM_V9_PAR2	Liftoff	CDS	27113377	27113564	.
	-	0	Parent=Smp_193750.3
SM_V9_PAR2	Liftoff	CDS	27117110	27117310	.
	-	0	Parent=Smp_193750.3
SM_V9_PAR2	Liftoff	gene	27140306	27152170	.
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ID=Smp_335750;geneID=Smp_335750;previous_systematic_id=Smp_088260
SM_V9_PAR2	Liftoff	mRNA	27140306	27152170	.
	+	.
ID=Smp_335750.1;Parent=Smp_335750;geneID=Smp_335750;product=Hypothet
ical protein
SM_V9_PAR2	Liftoff	exon	27140306	27152170	.
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SM_V9_PAR2	Liftoff	CDS	27148942	27151449	.
	+	0	Parent=Smp_335750.1
SM_V9_PAR2	Liftoff	gene	27170917	27181862	.
	-	.	ID=Smp_088250;geneID=Smp_088250
SM_V9_PAR2	Liftoff	mRNA	27170917	27181862	.
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Pfam:PF00134,PF16899
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	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	exon	27175883	27175950	.
	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	exon	27178171	27178277	.
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SM_V9_PAR2	Liftoff	exon	27178733	27178830	.
	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	exon	27178872	27178923	.
	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	exon	27178977	27179046	.
	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	exon	27179087	27179171	.
	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	exon	27179259	27179368	.
	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	exon	27179924	27181862	.
	-	.	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	CDS	27171026	27171451	.
	-	0	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	CDS	27174742	27174950	.
	-	2	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	CDS	27175883	27175950	.
	-	1	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	CDS	27178171	27178277	.
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SM_V9_PAR2	Liftoff	CDS	27178733	27178830	.
	-	2	Parent=Smp_088250.1
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SM_V9_PAR2	Liftoff	CDS	27178872	27178923	.
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SM_V9_PAR2	Liftoff	CDS	27178977	27179046	.
	-	1	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	CDS	27179087	27179171	.
	-	2	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	CDS	27179259	27179368	.
	-	1	Parent=Smp_088250.1
SM_V9_PAR2	Liftoff	CDS	27179924	27179955	.
	-	0	Parent=Smp_088250.1
SM_V9_PAR2	iris	gene	27191906	27195847	.
	+	.
ID=Smp_088240;geneID=Smp_088240;gene_name=Smp_088240;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	27191906	27195847	.
	+	.
ID=Smp_088240.1;Parent=Smp_088240;geneID=Smp_088240;gene_name=Smp_08
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ied=2022-07-19;Name=Smp_088240.1;product=Calcium channel
flower;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	27191906	27191952	.
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SM_V9_PAR2	iris	exon	27192079	27192198	.
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SM_V9_PAR2	iris	exon	27192235	27192307	.
	+	.
Parent=Smp_088240.1;Name=365ce117-3d27-4984-8af8-5cf3d2f27f54
SM_V9_PAR2	iris	exon	27193260	27193385	.
	+	.	Parent=Smp_088240.1;Name=15f1ffcf-70d1-48e8-
ab67-c0b75ee7ebed
SM_V9_PAR2	iris	exon	27193422	27193529	.
	+	.	Parent=Smp_088240.1;Name=0d5b645c-c1ea-480f-
a5d2-1987ec580c51
SM_V9_PAR2	iris	exon	27194507	27195847	.
	+	.	Parent=Smp_088240.1;Name=69efac2e-
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SM_V9_PAR2	iris	CDS	27192135	27192198	.
	+	0	Parent=Smp_088240.1
SM_V9_PAR2	iris	CDS	27192235	27192307	.
	+	2	Parent=Smp_088240.1
SM_V9_PAR2	iris	CDS	27193260	27193385	.
	+	1	Parent=Smp_088240.1
SM_V9_PAR2	iris	CDS	27193422	27193529	.
	+	1	Parent=Smp_088240.1
SM_V9_PAR2	iris	CDS	27194507	27194723	.
	+	1	Parent=Smp_088240.1
SM_V9_PAR2	iris	gene	27214442	27227772	.
	-	.
ID=Smp_306730;geneID=Smp_306730;gene_name=Smp_306730;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	27214442	27227772	.
	-	.
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ID=Smp_306730.1;Parent=Smp_306730;geneID=Smp_306730;gene_name=Smp_30
6730;owner=irisadmin@local.host;orig_id=Smp_306730.2;date_last_modif
ied=2022-08-19;Name=Smp_306730.1;product=Diphthine--ammonia
ligase;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    27214442        27214924        .
        -       .       Parent=Smp_306730.1;Name=9efbf9ec-
cda8-48e1-9cc9-677e34446b9a
SM_V9_PAR2      iris    exon    27218766        27219137        .
        -       .       Parent=Smp_306730.1;Name=f25ea02f-0ddd-4d54-
b91a-220d00f89711
SM_V9_PAR2      iris    exon    27222352        27222560        .
        -       .       Parent=Smp_306730.1;Name=d890df12-77b5-4b1b-
a7d8-d93a5728e3de
SM_V9_PAR2      iris    exon    27223686        27224064        .
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Parent=Smp_306730.1;Name=8d7adbd9-03c1-4202-9191-5b1d25db1249
SM_V9_PAR2      iris    exon    27225387        27225644        .
        -       .       Parent=Smp_306730.1;Name=4e9f2773-44a3-4ebb-
b1cb-7e9b01e0a5ec
SM_V9_PAR2      iris    exon    27227307        27227679        .
        -       .
Parent=Smp_306730.1;Name=4595b080-1a8a-4021-9cb1-43d558468a0a
SM_V9_PAR2      iris    exon    27227715        27227772        .
        -       .       Parent=Smp_306730.1;Name=32b08a4d-2626-4a2c-
accc-d8b3a4fe6dbd
SM_V9_PAR2      iris    CDS     27214469        27214924        .
        -       0       Parent=Smp_306730.1
SM_V9_PAR2      iris    CDS     27218766        27219137        .
        -       0       Parent=Smp_306730.1
SM_V9_PAR2      iris    CDS     27222352        27222560        .
        -       2       Parent=Smp_306730.1
SM_V9_PAR2      iris    CDS     27223686        27224064        .
        -       0       Parent=Smp_306730.1
SM_V9_PAR2      iris    CDS     27225387        27225644        .
        -       0       Parent=Smp_306730.1
SM_V9_PAR2      iris    CDS     27227307        27227555        .
        -       0       Parent=Smp_306730.1
SM_V9_PAR2      iris    gene    27243786        27249518        .
        -       .
ID=Smp_306740;geneID=Smp_306740;gene_name=Smp_306740;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    27243786        27249518        .
        -       .
ID=Smp_306740.1;Parent=Smp_306740;geneID=Smp_306740;gene_name=Smp_30
6740;owner=irisadmin@local.host;orig_id=Smp_306740.1;date_last_modif
ied=2022-07-19;Name=Smp_306740.1;product=Diphthine--ammonia
ligase;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    27243786        27244214        .
        -       .       Parent=Smp_306740.1;Name=Smp_306740.1-CDS
SM_V9_PAR2      iris    exon    27245340        27245718        .
        -       .       Parent=Smp_306740.1;Name=7b0504cc-3cb3-4021-
abcd-dee1c5f8b1e6
SM_V9_PAR2      iris    exon    27247041        27247298        .
        -       .       Parent=Smp_306740.1;Name=0ac85cf5-9100-4686-
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b513-a54147d2a906
SM_V9_PAR2      iris    exon    27249069        27249256        .
        -       .       Parent=Smp_306740.1;Name=be284fac-fe68-44b0-
a67c-220e490f0b2d
SM_V9_PAR2      iris    exon    27249293        27249333        .
        -       .
Parent=Smp_306740.1;Name=1058bf58-97ef-4930-8bc1-4fc3efc4abbc
SM_V9_PAR2      iris    exon    27249369        27249518        .
        -       .       Parent=Smp_306740.1;Name=857112f8-a169-47f6-
bbe6-39c435b9f831
SM_V9_PAR2      iris    CDS     27243892        27244214        .
        -       2       Parent=Smp_306740.1
SM_V9_PAR2      iris    CDS     27245340        27245718        .
        -       0       Parent=Smp_306740.1
SM_V9_PAR2      iris    CDS     27247041        27247298        .
        -       0       Parent=Smp_306740.1
SM_V9_PAR2      iris    CDS     27249069        27249256        .
        -       2       Parent=Smp_306740.1
SM_V9_PAR2      iris    CDS     27249293        27249333        .
        -       1       Parent=Smp_306740.1
SM_V9_PAR2      iris    CDS     27249369        27249493        .
        -       0       Parent=Smp_306740.1
SM_V9_PAR2      iris    gene    27263171        27271182        .
        -       .
ID=Smp_306750;geneID=Smp_306750;gene_name=Smp_306750;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    27263171        27271182        .
        -       .
ID=Smp_306750.1;Parent=Smp_306750;geneID=Smp_306750;gene_name=Smp_30
6750;owner=irisadmin@local.host;orig_id=Smp_306750.1;date_last_modif
ied=2022-08-19;Name=Smp_306750.1;product=Diphthine--ammonia
ligase;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    27263171        27263572        .
        -       .       Parent=Smp_306750.1;Name=d1713f0b-b306-4bf7-
bd53-0a2811878116
SM_V9_PAR2      iris    exon    27265668        27265876        .
        -       .       Parent=Smp_306750.1;Name=0539738e-061c-4b3d-
bef6-d8bf76db2ada
SM_V9_PAR2      iris    exon    27267002        27267380        .
        -       .
Parent=Smp_306750.1;Name=be7b1568-5f92-4882-92d1-49f8bee1c24e
SM_V9_PAR2      iris    exon    27268703        27268960        .
        -       .
Parent=Smp_306750.1;Name=9cd4dc55-8e34-4278-8ac2-1611d442b354
SM_V9_PAR2      iris    exon    27271031        27271182        .
        -       .
Parent=Smp_306750.1;Name=f05c458d-2bab-4cbd-9d5d-830f7d7ebd5d
SM_V9_PAR2      iris    CDS     27263486        27263572        .
        -       0       Parent=Smp_306750.1
SM_V9_PAR2      iris    CDS     27265668        27265876        .
        -       2       Parent=Smp_306750.1
SM_V9_PAR2      iris    CDS     27267002        27267200        .
        -       0       Parent=Smp_306750.1
SM_V9_PAR2      iris    gene    27279112        27280550        .
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        +       .
ID=Smp_324070;geneID=Smp_324070;gene_name=Smp_324070;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    27279112        27280550        .
        +       .
ID=Smp_324070.1;Parent=Smp_324070;geneID=Smp_324070;gene_name=Smp_32
4070;owner=irisadmin@local.host;orig_id=Smp_324070.1;date_last_modif
ied=2022-08-19;Name=Smp_324070.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    27279112        27279318        .
        +       .       Parent=Smp_324070.1;Name=fd7359fe-
f969-47fc-9230-e6c39451f308
SM_V9_PAR2      iris    exon    27279443        27279566        .
        +       .       Parent=Smp_324070.1;Name=939239ed-b99b-41f9-
a183-63b75589ff03
SM_V9_PAR2      iris    exon    27279603        27279897        .
        +       .       Parent=Smp_324070.1;Name=0d42dfde-5ead-4f7f-
af46-4539626b22fe
SM_V9_PAR2      iris    exon    27280074        27280550        .
        +       .
Parent=Smp_324070.1;Name=6318326f-2b6b-4e4c-8f13-627e0f8c65f5
SM_V9_PAR2      iris    CDS     27279503        27279566        .
        +       0       Parent=Smp_324070.1
SM_V9_PAR2      iris    CDS     27279603        27279670        .
        +       2       Parent=Smp_324070.1
SM_V9_PAR2      iris    gene    27284581        27292562        .
        -       .
ID=Smp_324080;geneID=Smp_324080;gene_name=Smp_324080;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    27284581        27292562        .
        -       .
ID=Smp_324080.1;Parent=Smp_324080;geneID=Smp_324080;gene_name=Smp_32
4080;owner=irisadmin@local.host;orig_id=Smp_324080.1;date_last_modif
ied=2022-10-01;Name=Smp_324080.1;product=Diphthine--ammonia
ligase;date_creation=2022-10-01
SM_V9_PAR2      iris    exon    27284581        27284953        .
        -       .
Parent=Smp_324080.1;Name=4e9d129a-2edf-44af-9193-91675feefb76
SM_V9_PAR2      iris    exon    27287051        27287259        .
        -       .       Parent=Smp_324080.1;Name=4596bbd4-
f326-4e5e-8ff9-783b15dfaa66
SM_V9_PAR2      iris    exon    27288385        27288763        .
        -       .
Parent=Smp_324080.1;Name=1abb24d1-06b4-4dc2-8f24-a304d3337c93
SM_V9_PAR2      iris    exon    27290086        27290343        .
        -       .       Parent=Smp_324080.1;Name=24c1a8f1-38f7-49eb-
abf7-24937747c6db
SM_V9_PAR2      iris    exon    27292005        27292377        .
        -       .
Parent=Smp_324080.1;Name=b2fab049-0a5a-4023-8985-850a5cee7e59
SM_V9_PAR2      iris    exon    27292413        27292562        .
        -       .       Parent=Smp_324080.1;Name=7e49d3fe-313c-445c-
a9d5-1ca1ec9da8f4
SM_V9_PAR2      iris    CDS     27284909        27284953        .
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        -       0       Parent=Smp_324080.1
SM_V9_PAR2      iris    CDS     27287051        27287259        .
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SM_V9_PAR2      iris    CDS     27288385        27288763        .
        -       0       Parent=Smp_324080.1
SM_V9_PAR2      iris    CDS     27290086        27290343        .
        -       0       Parent=Smp_324080.1
SM_V9_PAR2      iris    CDS     27292005        27292377        .
        -       1       Parent=Smp_324080.1
SM_V9_PAR2      iris    CDS     27292413        27292537        .
        -       0       Parent=Smp_324080.1
SM_V9_PAR2      Liftoff gene    27314176        27348220        .
        +       .       ID=Smp_170170;geneID=Smp_170170
SM_V9_PAR2      Liftoff mRNA    27314176        27348220        .
        +       .
ID=Smp_170170.1;Parent=Smp_170170;geneID=Smp_170170;product=WD
repeat-containing protein
47;polypeptide_domain=InterPro:IPR001680,IPR006594,IPR006595,IPR0159
43,IPR017986 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    27314176        27320198        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27324170        27324376        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27324838        27324990        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27327261        27327459        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27330488        27331092        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27332139        27332730        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27335393        27335535        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27337987        27338309        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27338993        27339254        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27341027        27341342        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27346165        27346383        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff exon    27347148        27348220        .
        +       .       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27320007        27320198        .
        +       0       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27324170        27324376        .
        +       0       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27324838        27324990        .
        +       0       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27327261        27327459        .
        +       0       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27330488        27331092        .
        +       2       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27332139        27332730        .
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SM_V9_PAR2      Liftoff CDS     27335393        27335535        .
        +       2       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27337987        27338309        .
        +       0       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27338993        27339254        .
        +       1       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27341027        27341342        .
        +       0       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27346165        27346383        .
        +       2       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff CDS     27347148        27347293        .
        +       2       Parent=Smp_170170.1
SM_V9_PAR2      Liftoff gene    27354221        27365789        .
        +       .       ID=Smp_170160;geneID=Smp_170160
SM_V9_PAR2      Liftoff mRNA    27354221        27365789        .
        +       .
ID=Smp_170160.1;Parent=Smp_170160;geneID=Smp_170160;product=5'-AMP-
activated protein kinase subunit
beta-1;polypeptide_domain=InterPro:IPR006828,IPR013783,IPR014756,IPR
032640 Pfam:PF04739,PF16561;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    27354221        27354471        .
        +       .       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff exon    27354516        27354787        .
        +       .       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff exon    27357866        27357965        .
        +       .       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff exon    27360565        27360954        .
        +       .       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff exon    27361841        27361939        .
        +       .       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff exon    27364163        27365789        .
        +       .       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff CDS     27354463        27354471        .
        +       0       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff CDS     27354516        27354787        .
        +       0       Parent=Smp_170160.1
SM_V9_PAR2      Liftoff CDS     27357866        27357965        .
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SM_V9_PAR2      Liftoff CDS     27360565        27360954        .
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SM_V9_PAR2      Liftoff CDS     27361841        27361939        .
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SM_V9_PAR2      Liftoff CDS     27364163        27364240        .
        +       0       Parent=Smp_170160.1
SM_V9_PAR2      iris    gene    27375072        27414389        .
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ID=Smp_170150;geneID=Smp_170150;gene_name=Smp_170150;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    27375072        27414389        .
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ID=Smp_170150.1;Parent=Smp_170150;geneID=Smp_170150;gene_name=Smp_17
0150;owner=irisadmin@local.host;orig_id=Smp_170150.1;date_last_modif
ied=2022-08-15;Name=Smp_170150.1;product=Hypothetical
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protein;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    27375072        27378022        .
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Parent=Smp_170150.1;Name=7ed2904b-4084-4872-9344-d3622a8cec2a
SM_V9_PAR2      iris    exon    27380918        27380966        .
        -       .
Parent=Smp_170150.1;Name=45833009-645d-4d6e-8206-0c6a73517f86
SM_V9_PAR2      iris    exon    27413816        27414389        .
        -       .       Parent=Smp_170150.1;Name=97fef87e-942a-4934-
b025-2f004919cd1e
SM_V9_PAR2      iris    CDS     27375780        27378022        .
        -       2       Parent=Smp_170150.1
SM_V9_PAR2      iris    CDS     27380918        27380966        .
        -       0       Parent=Smp_170150.1
SM_V9_PAR2      iris    CDS     27413816        27414082        .
        -       0       Parent=Smp_170150.1
SM_V9_PAR2      iris    gene    27431492        27508507        .
        -       .
ID=Smp_333300;geneID=Smp_333300;gene_name=Smp_333300;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    27431492        27508507        .
        -       .
ID=Smp_333300.1;Parent=Smp_333300;geneID=Smp_333300;gene_name=Smp_33
3300;owner=irisadmin@local.host;orig_id=Smp_333300.1;date_last_modif
ied=2022-08-15;Name=Smp_333300.1;product=Hypothetical
protein;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    27431492        27435302        .
        -       .       Parent=Smp_333300.1;Name=8da39f04-c141-4901-
a66f-c25bc45e22f1
SM_V9_PAR2      iris    exon    27456119        27456328        .
        -       .
Parent=Smp_333300.1;Name=c334e1ed-25fe-4afd-9955-c8bd26b47d97
SM_V9_PAR2      iris    exon    27492094        27493275        .
        -       .
Parent=Smp_333300.1;Name=94f379d3-47e8-4e12-9489-c61f4321bd81
SM_V9_PAR2      iris    exon    27507451        27508507        .
        -       .       Parent=Smp_333300.1;Name=0a82f643-e719-47ad-
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SM_V9_PAR2      iris    CDS     27456119        27456328        .
        -       0       Parent=Smp_333300.1
SM_V9_PAR2      iris    CDS     27492094        27493275        .
        -       0       Parent=Smp_333300.1
SM_V9_PAR2      iris    CDS     27507451        27508032        .
        -       0       Parent=Smp_333300.1
SM_V9_PAR2      Liftoff gene    27570411        27676418        .
        +       .
ID=Smp_333310;geneID=Smp_333310;previous_systematic_id=Smp_155920,Sm
p_170110
SM_V9_PAR2      Liftoff mRNA    27570411        27676418        .
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ID=Smp_333310.1;Parent=Smp_333310;geneID=Smp_333310;product=Vigilin;
polypeptide_domain=InterPro:IPR004087,IPR004088
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Pfam:PF00013;Ontology_term=GO:0003676,GO:0003723
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SM_V9_PAR2      Liftoff exon    27570760        27570993        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27574499        27574770        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27574834        27574987        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27576969        27577280        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27578769        27579098        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27580290        27580565        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27582421        27582615        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27584817        27585083        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27664808        27665020        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27666447        27666659        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27668376        27668601        .
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SM_V9_PAR2      Liftoff exon    27669648        27669949        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27671563        27672180        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27673583        27673777        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff exon    27675387        27676418        .
        +       .       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27570596        27570727        .
        +       0       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27570760        27570993        .
        +       0       Parent=Smp_333310.1
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SM_V9_PAR2      Liftoff CDS     27574834        27574987        .
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SM_V9_PAR2      Liftoff CDS     27576969        27577280        .
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SM_V9_PAR2      Liftoff CDS     27582421        27582615        .
        +       0       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27584817        27585083        .
        +       0       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27664808        27665020        .
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SM_V9_PAR2      Liftoff CDS     27666447        27666659        .
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SM_V9_PAR2      Liftoff CDS     27668376        27668601        .
        +       0       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27669648        27669949        .
        +       2       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27671563        27672180        .
        +       0       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27673583        27673777        .
        +       0       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff CDS     27675387        27675443        .
        +       0       Parent=Smp_333310.1
SM_V9_PAR2      Liftoff gene    27586883        27587366        .
        -       .       ID=Smp_112930;geneID=Smp_112930
SM_V9_PAR2      Liftoff mRNA    27586883        27587366        .
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ID=Smp_112930.1;Parent=Smp_112930;geneID=Smp_112930;product=Sodium/
potassium/calcium exchanger 4
SM_V9_PAR2      Liftoff exon    27586883        27587366        .
        -       .       Parent=Smp_112930.1
SM_V9_PAR2      Liftoff CDS     27586924        27587274        .
        -       0       Parent=Smp_112930.1
SM_V9_PAR2      iris    gene    27678709        27723741        .
        -       .
ID=Smp_062680;geneID=Smp_062680;gene_name=Smp_062680;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    27678709        27723741        .
        -       .
ID=Smp_062680.1;Parent=Smp_062680;geneID=Smp_062680;gene_name=Smp_06
2680;owner=irisadmin@local.host;orig_id=Smp_062680.1;date_last_modif
ied=2022-08-15;Name=Smp_062680.1;product=Rab-like protein
6;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    27678709        27678959        .
        -       .       Parent=Smp_062680.1;Name=9d5136f2-
b833-4b5e-9889-5bd87b7a8e21
SM_V9_PAR2      iris    exon    27680041        27680087        .
        -       .       Parent=Smp_062680.1;Name=93f75112-27b1-4aa5-
a638-12c2ecd54815
SM_V9_PAR2      iris    exon    27681512        27681605        .
        -       .       Parent=Smp_062680.1;Name=2cd39cb5-2b05-409f-
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SM_V9_PAR2      iris    exon    27682839        27683103        .
        -       .       Parent=Smp_062680.1;Name=cae1fa62-
df53-4759-9763-28c8a5243c4b
SM_V9_PAR2      iris    exon    27684750        27684912        .
        -       .       Parent=Smp_062680.1;Name=351a99f9-3cb8-4324-
bf63-7e9dbc873c4e
SM_V9_PAR2      iris    exon    27687372        27687466        .
        -       .       Parent=Smp_062680.1;Name=0e9ee8b3-
e0d2-45e6-8acd-74da8a7f7e90
SM_V9_PAR2      iris    exon    27691879        27692100        .
        -       .       Parent=Smp_062680.1;Name=b7107dd3-4e7f-4cbe-
b26d-0fcf3f878fee
SM_V9_PAR2      iris    exon    27705553        27705765        .
        -       .       Parent=Smp_062680.1;Name=ec5f703c-9c26-454f-
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be66-91c6c424ba9e
SM_V9_PAR2      iris    exon    27710143        27710234        .
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SM_V9_PAR2      iris    exon    27717456        27717620        .
        -       .
Parent=Smp_062680.1;Name=4a45ff94-2905-4e2f-9972-082781f79cbf
SM_V9_PAR2      iris    exon    27720627        27720733        .
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Parent=Smp_062680.1;Name=7c3a9fc3-8d2c-4772-9d4d-8f4d0ca6f9f5
SM_V9_PAR2      iris    exon    27722013        27722214        .
        -       .       Parent=Smp_062680.1;Name=b413155e-3675-4c9a-
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SM_V9_PAR2      iris    exon    27723640        27723741        .
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Parent=Smp_062680.1;Name=4ca4413b-35d8-4d28-976c-bd42760599ef
SM_V9_PAR2      iris    CDS     27678840        27678959        .
        -       0       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27680041        27680087        .
        -       2       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27681512        27681605        .
        -       0       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27682839        27683103        .
        -       1       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27684750        27684912        .
        -       2       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27687372        27687466        .
        -       1       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27691879        27692100        .
        -       1       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27705553        27705765        .
        -       1       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27710143        27710234        .
        -       0       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27717456        27717620        .
        -       0       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27720627        27720733        .
        -       2       Parent=Smp_062680.1
SM_V9_PAR2      iris    CDS     27722013        27722136        .
        -       0       Parent=Smp_062680.1
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ID=Smp_244010;geneID=Smp_244010;gene_name=Smp_244010;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    27732114        27865988        .
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ID=Smp_244010.1;Parent=Smp_244010;geneID=Smp_244010;gene_name=Smp_24
4010;owner=irisadmin@local.host;orig_id=Smp_244010.1;date_last_modif
ied=2022-07-19;Name=Smp_244010.1;product=Serine/threonine-protein
kinase D1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    27732114        27732263        .
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Parent=Smp_244010.1;Name=75e372eb-9a69-4465-9e70-0e665b398fe4
SM_V9_PAR2      iris    exon    27732301        27732439        .
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abd9-7eaef5a99323
SM_V9_PAR2      iris    exon    27763329        27763463        .
        +       .
Parent=Smp_244010.1;Name=a0530f68-0408-467d-9f3b-219b47503a51
SM_V9_PAR2      iris    exon    27777344        27777483        .
        +       .       Parent=Smp_244010.1;Name=85531668-7852-4cfb-
bfd6-d15a2102a6d1
SM_V9_PAR2      iris    exon    27795556        27795673        .
        +       .
Parent=Smp_244010.1;Name=2a65f21c-1641-46f9-8d86-65acbcca0ad8
SM_V9_PAR2      iris    exon    27802974        27803010        .
        +       .
Parent=Smp_244010.1;Name=2ab28214-2bac-48e6-9488-d770a85f457f
SM_V9_PAR2      iris    exon    27806805        27807046        .
        +       .
Parent=Smp_244010.1;Name=36b68bdf-5660-492d-8f6c-a710a264b149
SM_V9_PAR2      iris    exon    27808456        27808548        .
        +       .       Parent=Smp_244010.1;Name=2cb60b6b-
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SM_V9_PAR2      iris    exon    27826987        27827298        .
        +       .       Parent=Smp_244010.1;Name=63540fb5-6835-473b-
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SM_V9_PAR2      iris    exon    27829676        27829985        .
        +       .       Parent=Smp_244010.1;Name=f8b439b8-5495-4a9c-
bf0d-01cd2ed93889
SM_V9_PAR2      iris    exon    27833448        27833568        .
        +       .       Parent=Smp_244010.1;Name=878488b6-
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SM_V9_PAR2      iris    exon    27840785        27840862        .
        +       .       Parent=Smp_244010.1;Name=a6253789-8b5b-486f-
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SM_V9_PAR2      iris    exon    27846194        27847214        .
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Parent=Smp_244010.1;Name=301c60bc-603f-4326-87d9-fc4166a60d60
SM_V9_PAR2      iris    exon    27853940        27853986        .
        +       .       Parent=Smp_244010.1;Name=b6e641c8-
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SM_V9_PAR2      iris    exon    27858067        27858136        .
        +       .       Parent=Smp_244010.1;Name=141d53d2-c751-4c2a-
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SM_V9_PAR2      iris    exon    27861023        27861129        .
        +       .       Parent=Smp_244010.1;Name=0e1b3967-8966-4bc6-
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SM_V9_PAR2      iris    exon    27863571        27863627        .
        +       .
Parent=Smp_244010.1;Name=b8c802ab-9335-4aaf-9787-52d1a76eb104
SM_V9_PAR2      iris    exon    27864541        27864774        .
        +       .       Parent=Smp_244010.1;Name=0a52e0f5-24d3-4401-
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SM_V9_PAR2      iris    exon    27865056        27865164        .
        +       .       Parent=Smp_244010.1;Name=d3db75f3-73e2-4873-
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SM_V9_PAR2      iris    exon    27865260        27865335        .
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SM_V9_PAR2      iris    exon    27865383        27865489        .
        +       .       Parent=Smp_244010.1;Name=44228c78-54a2-4d06-
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SM_V9_PAR2      iris    exon    27865528        27865613        .
        +       .       Parent=Smp_244010.1;Name=141bf595-88b2-4d08-
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SM_V9_PAR2      iris    exon    27865728        27865988        .
        +       .       Parent=Smp_244010.1;Name=94b5f01f-a761-40cd-
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SM_V9_PAR2      iris    CDS     27732150        27732263        .
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SM_V9_PAR2      iris    CDS     27732301        27732439        .
        +       0       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27763329        27763463        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27777344        27777483        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27795556        27795673        .
        +       0       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27802974        27803010        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27806805        27807046        .
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SM_V9_PAR2      iris    CDS     27808456        27808548        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27826987        27827298        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27829676        27829985        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27833448        27833568        .
        +       1       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27840785        27840862        .
        +       0       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27846194        27847214        .
        +       0       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27853940        27853986        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27858067        27858136        .
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SM_V9_PAR2      iris    CDS     27861023        27861129        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27863571        27863627        .
        +       0       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27864541        27864774        .
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SM_V9_PAR2      iris    CDS     27865056        27865164        .
        +       0       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27865260        27865335        .
        +       2       Parent=Smp_244010.1
SM_V9_PAR2      iris    CDS     27865383        27865489        .
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SM_V9_PAR2      iris    CDS     27865528        27865613        .
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SM_V9_PAR2      iris    gene    27865993        27875820        .
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SM_V9_PAR2      iris    mRNA    27865993        27875820        .
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ID=Smp_340960.1;Parent=Smp_340960;geneID=Smp_340960;gene_name=Smp_34
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ied=2022-07-19;Name=Smp_340960.1;product=Heterogeneous nuclear
ribonucleoprotein U-like protein 1;date_creation=2022-07-19
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        -       .       Parent=Smp_340960.1;Name=07ec585e-edfd-467e-
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SM_V9_PAR2      iris    exon    27866988        27868099        .
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Parent=Smp_340960.1;Name=a7513320-7b01-49a8-81c9-b292d54def3d
SM_V9_PAR2      iris    exon    27868179        27868553        .
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SM_V9_PAR2      iris    exon    27868642        27868697        .
        -       .       Parent=Smp_340960.1;Name=d5ed6446-e4fa-43b1-
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SM_V9_PAR2      iris    exon    27868779        27869094        .
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SM_V9_PAR2      iris    exon    27870217        27870385        .
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SM_V9_PAR2      iris    exon    27870977        27871105        .
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SM_V9_PAR2      iris    exon    27871155        27871369        .
        -       .       Parent=Smp_340960.1;Name=fb32d8c8-8a62-42b0-
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SM_V9_PAR2      iris    exon    27874605        27874800        .
        -       .
Parent=Smp_340960.1;Name=cedbf218-0b84-4c7b-9cf9-009bd4dded69
SM_V9_PAR2      iris    exon    27874830        27875063        .
        -       .
Parent=Smp_340960.1;Name=eb717fc6-4890-483d-97b3-6ad99bb7000a
SM_V9_PAR2      iris    exon    27875094        27875444        .
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SM_V9_PAR2      iris    exon    27875479        27875600        .
        -       .
Parent=Smp_340960.1;Name=97140e65-42cd-4818-9423-fa3ce51d916f
SM_V9_PAR2      iris    exon    27875633        27875820        .
        -       .       Parent=Smp_340960.1;Name=799e9185-f049-4b7a-
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SM_V9_PAR2	iris	CDS	27868642	27868697	.
	-	1	Parent=Smp_340960.1
SM_V9_PAR2	iris	CDS	27868779	27869094	.
	-	2	Parent=Smp_340960.1
SM_V9_PAR2	iris	CDS	27870217	27870385	.
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SM_V9_PAR2	iris	CDS	27870977	27871105	.
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SM_V9_PAR2	iris	CDS	27871155	27871369	.
	-	2	Parent=Smp_340960.1
SM_V9_PAR2	iris	CDS	27874605	27874800	.
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SM_V9_PAR2	iris	CDS	27874830	27875063	.
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SM_V9_PAR2	iris	CDS	27875479	27875600	.
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	+	.	ID=Smp_155970;geneID=Smp_155970
SM_V9_PAR2	Liftoff	mRNA	27898254	27914671	.
	+	.
ID=Smp_155970.1;Parent=Smp_155970;geneID=Smp_155970;product=Two pore
potassium channel protein
sup-9;polypeptide_domain=InterPro:IPR003092,IPR003280,IPR013099
Pfam:PF07885;Ontology_term=GO:0005267,GO:0016020,GO:0071805
SM_V9_PAR2	Liftoff	exon	27898254	27898676	.
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SM_V9_PAR2	Liftoff	exon	27912004	27914671	.
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SM_V9_PAR2	Liftoff	CDS	27898394	27898676	.
	+	0	Parent=Smp_155970.1
SM_V9_PAR2	Liftoff	CDS	27912004	27914198	.
	+	2	Parent=Smp_155970.1
SM_V9_PAR2	Liftoff	gene	27983244	28045618	.
	+	.
ID=Smp_244000;geneID=Smp_244000;previous_systematic_id=Smp_062760,Sm
p_155980
SM_V9_PAR2	Liftoff	mRNA	27983244	28045618	.
	+	.
ID=Smp_244000.1;Parent=Smp_244000;geneID=Smp_244000;product=Regulato
r of G-protein signaling
8;polypeptide_domain=InterPro:IPR016137,IPR024066 Pfam:PF00615
SM_V9_PAR2	Liftoff	exon	27983244	27984181	.
	+	.	Parent=Smp_244000.1
SM_V9_PAR2	Liftoff	exon	28019368	28019612	.
	+	.	Parent=Smp_244000.1
SM_V9_PAR2	Liftoff	exon	28022011	28022165	.
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SM_V9_PAR2      Liftoff exon    28043789        28045618        .
        +       .       Parent=Smp_244000.1
SM_V9_PAR2      Liftoff CDS     27983471        27984181        .
        +       0       Parent=Smp_244000.1
SM_V9_PAR2      Liftoff CDS     28019368        28019612        .
        +       0       Parent=Smp_244000.1
SM_V9_PAR2      Liftoff CDS     28022011        28022165        .
        +       1       Parent=Smp_244000.1
SM_V9_PAR2      Liftoff CDS     28027064        28027230        .
        +       2       Parent=Smp_244000.1
SM_V9_PAR2      Liftoff CDS     28043789        28044526        .
        +       0       Parent=Smp_244000.1
SM_V9_PAR2      iris    gene    28086222        28189774        .
        -       .
ID=Smp_306800;geneID=Smp_306800;gene_name=Smp_306800;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    28086222        28189774        .
        -       .
ID=Smp_306800.1;Parent=Smp_306800;geneID=Smp_306800;gene_name=Smp_30
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ied=2022-07-19;Name=Smp_306800.1;product=Rho guanine nucleotide
exchange factor 16;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    28086222        28087434        .
        -       .
Parent=Smp_306800.1;Name=7914128e-90ca-4316-8d80-e9e72d18cdd7
SM_V9_PAR2      iris    exon    28088834        28088955        .
        -       .       Parent=Smp_306800.1;Name=682b71cd-
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SM_V9_PAR2      iris    exon    28090374        28091075        .
        -       .       Parent=Smp_306800.1;Name=c9668ce8-
b30e-41a7-8e3e-20eb7f8eef58
SM_V9_PAR2      iris    exon    28093506        28093669        .
        -       .       Parent=Smp_306800.1;Name=590d7caa-1e39-42b6-
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SM_V9_PAR2      iris    exon    28095787        28095882        .
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SM_V9_PAR2      iris    exon    28098823        28099078        .
        -       .
Parent=Smp_306800.1;Name=c2965924-6a0c-4ec9-85da-b39b4db8b217
SM_V9_PAR2      iris    exon    28102213        28102371        .
        -       .       Parent=Smp_306800.1;Name=a3898c3b-3027-4d2b-
bc8e-6efd8f51af7d
SM_V9_PAR2      iris    exon    28103350        28103783        .
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SM_V9_PAR2      iris    exon    28104886        28104942        .
        -       .       Parent=Smp_306800.1;Name=5ec7a0a0-0f99-47c9-
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SM_V9_PAR2      iris    exon    28106267        28106467        .
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SM_V9_PAR2      iris    exon    28113114        28113402        .
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SM_V9_PAR2      iris    exon    28116486        28116692        .
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Parent=Smp_306800.1;Name=0bffe8bf-5439-4913-9e1a-5dc496d0d73e
SM_V9_PAR2      iris    exon    28117874        28117916        .
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SM_V9_PAR2      iris    exon    28123904        28123997        .
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SM_V9_PAR2      iris    exon    28149878        28150523        .
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SM_V9_PAR2      iris    exon    28189485        28189774        .
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Parent=Smp_306800.1;Name=8cd29a6c-4a46-45f3-93ad-07b9e608e8f4
SM_V9_PAR2      iris    CDS     28088916        28088955        .
        -       1       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28090374        28091075        .
        -       1       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28093506        28093669        .
        -       0       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28095787        28095882        .
        -       0       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28098823        28099078        .
        -       1       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28102213        28102371        .
        -       1       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28103350        28103783        .
        -       0       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28104886        28104942        .
        -       0       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28106267        28106467        .
        -       0       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28108081        28108148        .
        -       2       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28113114        28113402        .
        -       0       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28116486        28116692        .
        -       0       Parent=Smp_306800.1
SM_V9_PAR2      iris    CDS     28117874        28117916        .
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SM_V9_PAR2	iris	CDS	28123904	28123997	.
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SM_V9_PAR2	iris	CDS	28135582	28135589	.
	-	1	Parent=Smp_306800.1
SM_V9_PAR2	iris	CDS	28147320	28147679	.
	-	1	Parent=Smp_306800.1
SM_V9_PAR2	iris	CDS	28149878	28150523	.
	-	2	Parent=Smp_306800.1
SM_V9_PAR2	iris	CDS	28189485	28189569	.
	-	0	Parent=Smp_306800.1
SM_V9_PAR2	iris	gene	28248185	28309894	.
	-	.
ID=Smp_306810;geneID=Smp_306810;gene_name=Smp_306810;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	28248185	28309894	.
	-	.
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protein homolog;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	28248185	28248463	.
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Parent=Smp_306810.1;Name=3b42b8c7-7571-44cd-8113-009db7c1939d
SM_V9_PAR2	iris	exon	28252916	28253021	.
	-	.	Parent=Smp_306810.1;Name=f63386c7-
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SM_V9_PAR2	iris	exon	28255088	28255450	.
	-	.	Parent=Smp_306810.1;Name=43cf849d-01aa-4b5b-
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SM_V9_PAR2	iris	exon	28256929	28257123	.
	-	.	Parent=Smp_306810.1;Name=d938d788-7009-4b0e-
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SM_V9_PAR2	iris	exon	28260552	28261075	.
	-	.
Parent=Smp_306810.1;Name=74d827ed-9d88-4875-9e71-3618d658a299
SM_V9_PAR2	iris	exon	28261890	28262091	.
	-	.	Parent=Smp_306810.1;Name=405a06ec-4f08-416b-
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SM_V9_PAR2	iris	exon	28263823	28264173	.
	-	.	Parent=Smp_306810.1;Name=87cbc559-b9c8-48b1-
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SM_V9_PAR2	iris	exon	28265873	28266074	.
	-	.	Parent=Smp_306810.1;Name=6c498977-0ba9-4909-
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SM_V9_PAR2	iris	exon	28268424	28268754	.
	-	.	Parent=Smp_306810.1;Name=c4d210fd-9785-4662-
ab76-3458eec9ad13
SM_V9_PAR2	iris	exon	28269732	28270055	.
	-	.	Parent=Smp_306810.1;Name=930a6c77-fea6-47cc-
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SM_V9_PAR2	iris	exon	28276806	28276949	.
	-	.	Parent=Smp_306810.1;Name=fc814c7f-7225-4949-
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SM_V9_PAR2	iris	exon	28279265	28279442	.
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        -       .       Parent=Smp_306810.1;Name=cfcf3773-ff01-4566-
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SM_V9_PAR2      iris    exon    28287208        28287289        .
        -       .       Parent=Smp_306810.1;Name=1a641ff9-
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SM_V9_PAR2      iris    exon    28289775        28290008        .
        -       .
Parent=Smp_306810.1;Name=0f17d90d-5b1e-47c8-8b34-5963de9d58fb
SM_V9_PAR2      iris    exon    28294439        28294608        .
        -       .       Parent=Smp_306810.1;Name=5796187a-663b-4494-
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SM_V9_PAR2      iris    exon    28294956        28295125        .
        -       .       Parent=Smp_306810.1;Name=942e8183-f695-4e6a-
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SM_V9_PAR2      iris    exon    28295985        28296103        .
        -       .       Parent=Smp_306810.1;Name=b042b7fb-5c35-45bf-
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SM_V9_PAR2      iris    exon    28298494        28298739        .
        -       .
Parent=Smp_306810.1;Name=95a195df-8ac2-4d58-9721-54a3fe150751
SM_V9_PAR2      iris    exon    28301567        28302047        .
        -       .       Parent=Smp_306810.1;Name=0136c340-6804-45a6-
ac46-7e37a51b23a8
SM_V9_PAR2      iris    exon    28302633        28302917        .
        -       .       Parent=Smp_306810.1;Name=da66f5c8-0a8a-4a00-
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SM_V9_PAR2      iris    exon    28304710        28304857        .
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Parent=Smp_306810.1;Name=b92f9e80-34df-4647-8f0a-99e6a6c2d8a7
SM_V9_PAR2      iris    exon    28306365        28306471        .
        -       .       Parent=Smp_306810.1;Name=5cce63f4-119d-4414-
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SM_V9_PAR2      iris    exon    28307837        28308127        .
        -       .       Parent=Smp_306810.1;Name=2fef6370-bfad-4dd7-
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SM_V9_PAR2      iris    exon    28309045        28309259        .
        -       .       Parent=Smp_306810.1;Name=b8c9714e-f32e-4763-
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SM_V9_PAR2      iris    exon    28309297        28309347        .
        -       .
Parent=Smp_306810.1;Name=f91cd62d-9bfb-43fa-9d6d-f7aa9b64b906
SM_V9_PAR2      iris    exon    28309384        28309489        .
        -       .       Parent=Smp_306810.1;Name=e0192643-6699-44b3-
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SM_V9_PAR2      iris    exon    28309529        28309606        .
        -       .       Parent=Smp_306810.1;Name=198b3bc0-f260-4140-
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SM_V9_PAR2      iris    exon    28309645        28309894        .
        -       .       Parent=Smp_306810.1;Name=123d212c-43b4-4501-
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SM_V9_PAR2      iris    CDS     28248278        28248463        .
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SM_V9_PAR2	iris	CDS	28255088	28255450	.	-	1	Parent=Smp_306810.1
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SM_V9_PAR2	iris	CDS	28260552	28261075	.	-	0	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28261890	28262091	.	-	1	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28263823	28264173	.	-	1	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28265873	28266074	.	-	2	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28268424	28268754	.	-	0	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28269732	28270055	.	-	0	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28276806	28276949	.	-	0	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28279265	28279442	.	-	1	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28287208	28287289	.	-	2	Parent=Smp_306810.1
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SM_V9_PAR2	iris	CDS	28294956	28295125	.	-	0	Parent=Smp_306810.1
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SM_V9_PAR2	iris	CDS	28298494	28298739	.	-	2	Parent=Smp_306810.1
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SM_V9_PAR2	iris	CDS	28306365	28306471	.	-	0	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28307837	28308127	.	-	0	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28309045	28309259	.	-	2	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28309297	28309347	.	-	2	Parent=Smp_306810.1
SM_V9_PAR2	iris	CDS	28309384	28309489	.	-	0	Parent=Smp_306810.1
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SM_V9_PAR2	iris	CDS	28309645	28309668	.	-	0	Parent=Smp_306810.1
SM_V9_PAR2	iris	gene	28320474	28327654	.	+	.
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ID=Smp_004910;geneID=Smp_004910;gene_name=Smp_004910;owner=irisadmin
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Rab-14;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    28320474        28320665        .
        +       .       Parent=Smp_004910.1;Name=e70db83f-41a9-4928-
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SM_V9_PAR2      iris    exon    28320703        28321066        .
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SM_V9_PAR2      iris    exon    28323929        28323997        .
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        +       2       Parent=Smp_004910.1
SM_V9_PAR2      iris    CDS     28323929        28323997        .
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ID=Smp_342070.1;Parent=Smp_342070;geneID=Smp_342070;gene_name=Smp_34
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containing protein 4A;date_creation=2022-07-19
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        -       .       Parent=Smp_342070.1;Name=4b18f153-2585-43b8-
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SM_V9_PAR2      iris    exon    28370894        28371199        .
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SM_V9_PAR2      iris    exon    28371302        28371668        .
        -       .
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SM_V9_PAR2      iris    exon    28372260        28372387        .
        -       .       Parent=Smp_342070.1;Name=2f7d794b-46d5-45cb-
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SM_V9_PAR2      iris    exon    28381391        28381541        .
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SM_V9_PAR2      iris    CDS     28365005        28365448        .
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SM_V9_PAR2      iris    CDS     28368549        28369084        .
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SM_V9_PAR2	iris	CDS	28372260	28372387	.
	-	0	Parent=Smp_342070.1
SM_V9_PAR2	iris	CDS	28373488	28374692	.
	-	2	Parent=Smp_342070.1
SM_V9_PAR2	iris	CDS	28375432	28375760	.
	-	1	Parent=Smp_342070.1
SM_V9_PAR2	iris	CDS	28377175	28377254	.
	-	0	Parent=Smp_342070.1
SM_V9_PAR2	iris	CDS	28380076	28380155	.
	-	2	Parent=Smp_342070.1
SM_V9_PAR2	iris	CDS	28381391	28381541	.
	-	0	Parent=Smp_342070.1
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SM_V9_PAR2	iris	CDS	28391285	28391293	.
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Parent=Smp_344350.1;Name=74251e14-400e-402e-871a-4cb8cf7e9672
SM_V9_PAR2      iris    exon    28630573        28630845        .
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Parent=Smp_344350.1;Name=14d841c3-8f74-4543-9e79-12361977c3ca
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Parent=Smp_344350.1;Name=fcb0b93c-134c-46b2-862d-3daf2dfbd738
SM_V9_PAR2      iris    exon    28635853        28635917        .
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SM_V9_PAR2      iris    exon    28637518        28637587        .
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SM_V9_PAR2      iris    exon    28638691        28638815        .
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        -       .       Parent=Smp_344350.1;Name=bf075c02-b936-4904-
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SM_V9_PAR2      iris    exon    28642972        28643152        .
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SM_V9_PAR2      iris    exon    28643832        28643894        .
        -       .       Parent=Smp_344350.1;Name=16804041-02eb-4b0c-
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        -       .       Parent=Smp_344350.1;Name=fb589a09-6454-4262-
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SM_V9_PAR2      iris    exon    28644954        28645039        .
        -       .       Parent=Smp_344350.1;Name=dacefd24-9071-4b45-
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SM_V9_PAR2      iris    exon    28645079        28645157        .
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Parent=Smp_344350.1;Name=b35117b5-05fa-42ab-821c-19228cf715dc
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SM_V9_PAR2      iris    CDS     28633069        28633167        .
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SM_V9_PAR2      iris    CDS     28637518        28637587        .
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SM_V9_PAR2      iris    CDS     28638691        28638815        .
        -       2       Parent=Smp_344350.1
SM_V9_PAR2      iris    CDS     28641334        28641427        .
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SM_V9_PAR2      iris    CDS     28642972        28643152        .
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SM_V9_PAR2      iris    CDS     28643934        28643978        .
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SM_V9_PAR2      Liftoff gene    28653189        28686944        .
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SM_V9_PAR2      Liftoff mRNA    28653189        28686944        .
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ID=Smp_347530.1;Parent=Smp_347530;geneID=Smp_347530;product=Potassiu
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SM_V9_PAR2      Liftoff CDS     28680661        28681324        .
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SM_V9_PAR2      Liftoff CDS     28682881        28682883        .
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SM_V9_PAR2      Liftoff gene    28701489        28702005        .
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SM_V9_PAR2	Liftoff	CDS	28701511	28701930	.
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SM_V9_PAR2	Liftoff	gene	28716029	28729445	.
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SM_V9_PAR2	Liftoff	mRNA	28716029	28729445	.
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ID=Smp_151190.1;Parent=Smp_151190;geneID=Smp_151190;product=Retinal
rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit
delta;polypeptide_domain=InterPro:IPR008015,IPR014756 Pfam:PF05351
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SM_V9_PAR2	Liftoff	exon	28716253	28716278	.
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SM_V9_PAR2	Liftoff	exon	28716313	28716438	.
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SM_V9_PAR2	Liftoff	exon	28726992	28727097	.
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SM_V9_PAR2	Liftoff	exon	28728734	28729445	.
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SM_V9_PAR2	Liftoff	CDS	28716142	28716204	.
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SM_V9_PAR2	Liftoff	gene	28743211	28748423	.
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Pfam:PF00400;Ontology_term=GO:0005515
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SM_V9_PAR2	Liftoff	exon	28746320	28746595	.
	-	.	Parent=Smp_151180.1
SM_V9_PAR2	Liftoff	exon	28747830	28747929	.
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SM_V9_PAR2	Liftoff	exon	28747963	28748029	.
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SM_V9_PAR2      Liftoff exon    28748199        28748423        .
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SM_V9_PAR2      Liftoff CDS     28747830        28747929        .
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SM_V9_PAR2      Liftoff CDS     28747963        28748029        .
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SM_V9_PAR2      Liftoff CDS     28748199        28748359        .
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ID=Smp_054240.1;Parent=Smp_054240;geneID=Smp_054240;gene_name=Smp_05
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SM_V9_PAR2      iris    exon    28768420        28768492        .
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aaf4-a13d381a0350
SM_V9_PAR2      iris    exon    28768525        28768769        .
        +       .       Parent=Smp_054240.1;Name=9759f722-64ce-4844-
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SM_V9_PAR2      iris    exon    28768803        28769039        .
        +       .       Parent=Smp_054240.1;Name=1232c23a-0918-4836-
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SM_V9_PAR2      iris    exon    28769074        28769161        .
        +       .       Parent=Smp_054240.1;Name=6cdef520-c0d5-4b3c-
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SM_V9_PAR2      iris    CDS     28768465        28768492        .
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SM_V9_PAR2      iris    CDS     28768525        28768769        .
        +       2       Parent=Smp_054240.1
SM_V9_PAR2      iris    CDS     28768803        28769039        .
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SM_V9_PAR2      iris    gene    28787242        28795935        .
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SM_V9_PAR2      iris    exon    28791690        28791914        .
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subunit G 1;date_creation=2022-07-19
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SM_V9_PAR2      Liftoff mRNA    28840589        28850095        .
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ID=Smp_344360.1;Parent=Smp_344360;geneID=Smp_344360;product=Hypothet
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ID=Smp_306850.1;Parent=Smp_306850;geneID=Smp_306850;product=Hypothet
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differentiation and control protein 1;date_creation=2022-08-15
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a30b-2a9ed522f310
SM_V9_PAR2      iris    exon    28883721        28883837        .
        +       .       Parent=Smp_337260.2;Name=225010e4-26b1-40ff-
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SM_V9_PAR2      iris    exon    28887128        28887244        .
        +       .       Parent=Smp_337260.2;Name=8453c98c-7636-4491-
abb2-976588e8b5c7
SM_V9_PAR2      iris    exon    28888518        28888584        .
        +       .       Parent=Smp_337260.2;Name=f9a8a259-
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SM_V9_PAR2      iris    exon    28899119        28899215        .
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Parent=Smp_337260.2;Name=083330f7-7f73-4bba-8bdb-b7642ca7f26a
SM_V9_PAR2      iris    exon    28905392        28906441        .
        +       .       Parent=Smp_337260.2;Name=99e6edc9-eff0-4490-
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SM_V9_PAR2      iris    CDS     28880220        28880400        .
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SM_V9_PAR2      iris    CDS     28883721        28883837        .
        +       2       Parent=Smp_337260.2
SM_V9_PAR2      iris    CDS     28887128        28887244        .
        +       2       Parent=Smp_337260.2
SM_V9_PAR2      iris    CDS     28888518        28888584        .
        +       2       Parent=Smp_337260.2
SM_V9_PAR2      iris    CDS     28891550        28891723        .
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SM_V9_PAR2      iris    CDS     28899119        28899215        .
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Parent=Smp_337260.1;Name=b9401458-0a85-4cb9-8c5d-3c6bba75fc97
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        +       .       Parent=Smp_337260.1;Name=575f0c6b-
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Parent=Smp_337260.1;Name=56c5cc83-0267-4937-8fa0-57e7e10ffc89
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        +       .       Parent=Smp_337260.1;Name=b9d9db57-ecf2-4a18-
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SM_V9_PAR2      iris    CDS     28887128        28887244        .
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SM_V9_PAR2      iris    CDS     28888518        28888584        .
        +       2       Parent=Smp_337260.1
SM_V9_PAR2      iris    CDS     28891550        28891723        .
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SM_V9_PAR2      iris    CDS     28899119        28899215        .
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one S-transferase class-mu 28 kDa isozyme;evidence=Traceable Author
Statement;literature=PMID:2434863 PMID:7519566
PMID:8444348;polypeptide_domain=InterPro:IPR004045,IPR004046,IPR0109
87,IPR012336 Pfam:PF02798,PF14497;Ontology_term=GO:0005515
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SM_V9_PAR2      Liftoff exon    28936356        28936637        .
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SM_V9_PAR2      Liftoff exon    28939617        28939724        .
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SM_V9_PAR2      Liftoff exon    28941450        28941816        .
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SM_V9_PAR2      Liftoff CDS     28935875        28935895        .
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SM_V9_PAR2      Liftoff CDS     28936356        28936637        .
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SM_V9_PAR2      Liftoff CDS     28939617        28939724        .
        +       0       Parent=Smp_333010.1
SM_V9_PAR2      Liftoff CDS     28941450        28941674        .
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SM_V9_PAR2      Liftoff gene    28980773        28981535        .
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homolog;polypeptide_domain=InterPro:IPR002108,IPR029006
Pfam:PF00241;Ontology_term=GO:0003779,GO:0005622
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        -       .       Parent=Smp_195080.1
SM_V9_PAR2      Liftoff exon    28981100        28981217        .
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SM_V9_PAR2      Liftoff exon    28981252        28981381        .
        -       .       Parent=Smp_195080.1
SM_V9_PAR2      Liftoff exon    28981416        28981535        .
        -       .       Parent=Smp_195080.1
SM_V9_PAR2      Liftoff CDS     28980890        28981061        .
        -       1       Parent=Smp_195080.1
SM_V9_PAR2      Liftoff CDS     28981100        28981217        .
        -       2       Parent=Smp_195080.1
SM_V9_PAR2      Liftoff CDS     28981252        28981381        .
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SM_V9_PAR2      Liftoff CDS     28981416        28981418        .
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ID=Smp_350400.1;Parent=Smp_350400;geneID=Smp_350400;gene_name=Smp_35
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Pfam:PF00069;Ontology_term=GO:0004672,GO:0004674,GO:0005524,GO:00064
68
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SM_V9_PAR2      Liftoff exon    29022967        29023331        .
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SM_V9_PAR2      Liftoff exon    29028731        29029124        .
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	-	.	Parent=Smp_151140.1
SM_V9_PAR2	Liftoff	exon	29040978	29041127	.
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SM_V9_PAR2	Liftoff	exon	29047658	29047798	.
	-	.	Parent=Smp_151140.1
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	-	.	Parent=Smp_151140.1
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SM_V9_PAR2	Liftoff	CDS	29022967	29023331	.
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SM_V9_PAR2	Liftoff	CDS	29033215	29033592	.
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SM_V9_PAR2	Liftoff	CDS	29047658	29047798	.
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SM_V9_PAR2	Liftoff	CDS	29050302	29050760	.
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SM_V9_PAR2	Liftoff	CDS	29072175	29072657	.
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SM_V9_PAR2      Liftoff CDS     29116173        29116292        .
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SM_V9_PAR2      Liftoff CDS     29128185        29128188        .
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SM_V9_PAR2      Liftoff CDS     29133120        29133387        .
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SM_V9_PAR2      Liftoff CDS     29133431        29133587        .
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SM_V9_PAR2      Liftoff CDS     29133625        29133679        .
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SM_V9_PAR2      Liftoff exon    29133120        29133387        .
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SM_V9_PAR2      Liftoff exon    29133431        29133587        .
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SM_V9_PAR2      Liftoff CDS     29133431        29133587        .
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SM_V9_PAR2      Liftoff CDS     29133625        29133679        .
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ID=Smp_179740;geneID=Smp_179740;gene_name=Smp_179740;owner=irisadmin
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SM_V9_PAR2	iris	exon	29164106	29164270	.
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SM_V9_PAR2	iris	exon	29173704	29174026	.
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Parent=Smp_179740.1;Name=142c0f4a-6c22-464b-8822-1fda0e298c85
SM_V9_PAR2	iris	exon	29177694	29177838	.
	+	.	Parent=Smp_179740.1;Name=4e90e508-fa84-453f-
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	+	.	Parent=Smp_179740.1;Name=fdffacb8-3f36-47e7-
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SM_V9_PAR2	iris	exon	29194986	29195878	.
	+	.	Parent=Smp_179740.1;Name=46d66632-9ca8-42bc-
bfec-40d4ad615e63
SM_V9_PAR2	iris	CDS	29143123	29143177	.
	+	0	Parent=Smp_179740.1
SM_V9_PAR2	iris	CDS	29143215	29143371	.
	+	2	Parent=Smp_179740.1
SM_V9_PAR2	iris	CDS	29143415	29143682	.
	+	1	Parent=Smp_179740.1
SM_V9_PAR2	iris	CDS	29145357	29145745	.
	+	0	Parent=Smp_179740.1
SM_V9_PAR2	iris	CDS	29153454	29153935	.
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SM_V9_PAR2      iris    CDS     29157829        29158235        .
        +       2       Parent=Smp_179740.1
SM_V9_PAR2      iris    CDS     29164106        29164270        .
        +       0       Parent=Smp_179740.1
SM_V9_PAR2      iris    CDS     29173704        29174026        .
        +       0       Parent=Smp_179740.1
SM_V9_PAR2      iris    CDS     29177694        29177838        .
        +       1       Parent=Smp_179740.1
SM_V9_PAR2      iris    CDS     29180946        29181374        .
        +       0       Parent=Smp_179740.1
SM_V9_PAR2      iris    CDS     29188857        29189270        .
        +       0       Parent=Smp_179740.1
SM_V9_PAR2      iris    CDS     29190715        29191318        .
        +       0       Parent=Smp_179740.1
SM_V9_PAR2      iris    CDS     29194986        29195032        .
        +       2       Parent=Smp_179740.1
SM_V9_PAR2      iris    gene    29205418        29218826        .
        +       .
ID=Smp_054070;geneID=Smp_054070;gene_name=Smp_054070;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    29205418        29218826        .
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ID=Smp_054070.1;Parent=Smp_054070;geneID=Smp_054070;gene_name=Smp_05
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ied=2022-07-19;Name=Smp_054070.1;product=TM2 domain-containing
protein 3;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    29205418        29205444        .
        +       .       Parent=Smp_054070.1;Name=5821af8e-
b268-48ee-8a05-413fbbf24765
SM_V9_PAR2      iris    exon    29212667        29212803        .
        +       .       Parent=Smp_054070.1;Name=2e2274f8-a213-4f3a-
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SM_V9_PAR2      iris    exon    29217592        29218826        .
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Parent=Smp_054070.1;Name=41491a9c-1c9d-4491-9615-b41b85a5cba2
SM_V9_PAR2      iris    CDS     29212801        29212803        .
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SM_V9_PAR2      iris    CDS     29217592        29218416        .
        +       0       Parent=Smp_054070.1
SM_V9_PAR2      Liftoff gene    29224652        29325989        .
        -       .       ID=Smp_151100;geneID=Smp_151100
SM_V9_PAR2      Liftoff mRNA    29224652        29325989        .
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ID=Smp_151100.1;Parent=Smp_151100;geneID=Smp_151100;product=cGMP-
dependent protein kinase, isozyme
1;polypeptide_domain=InterPro:IPR000595,IPR000719,IPR002374,IPR00827
1,IPR011009,IPR014710,IPR017441,IPR018488,IPR018490,IPR035014
Pfam:PF00027,PF00069;Ontology_term=GO:0004672,GO:0004692,GO:0005524,
GO:0006468
SM_V9_PAR2      Liftoff exon    29224652        29224849        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29227446        29227512        .
        -       .       Parent=Smp_151100.1
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SM_V9_PAR2      Liftoff exon    29233282        29233470        .
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SM_V9_PAR2      Liftoff exon    29238531        29238694        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29243210        29243351        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29246799        29246888        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29247767        29247906        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29250642        29250822        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29252446        29252523        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29254407        29254475        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29256422        29256516        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29268752        29268829        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29273036        29273099        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29289174        29289279        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29291883        29291996        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29296690        29296856        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff exon    29324615        29325989        .
        -       .       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29224784        29224849        .
        -       0       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29227446        29227512        .
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SM_V9_PAR2      Liftoff CDS     29233282        29233470        .
        -       1       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29238531        29238694        .
        -       0       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29243210        29243351        .
        -       1       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29246799        29246888        .
        -       1       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29247767        29247906        .
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SM_V9_PAR2      Liftoff CDS     29250642        29250822        .
        -       1       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29252446        29252523        .
        -       1       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29254407        29254475        .
        -       1       Parent=Smp_151100.1
SM_V9_PAR2      Liftoff CDS     29256422        29256516        .
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SM_V9_PAR2      Liftoff CDS     29268752        29268829        .
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SM_V9_PAR2	Liftoff	CDS	29273036	29273099	.
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SM_V9_PAR2	Liftoff	CDS	29289174	29289279	.
	-	2	Parent=Smp_151100.1
SM_V9_PAR2	Liftoff	CDS	29291883	29291996	.
	-	2	Parent=Smp_151100.1
SM_V9_PAR2	Liftoff	CDS	29296690	29296856	.
	-	1	Parent=Smp_151100.1
SM_V9_PAR2	Liftoff	CDS	29324615	29325525	.
	-	0	Parent=Smp_151100.1
SM_V9_PAR2	iris	gene	29379371	29393398	.
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ID=Smp_178490;geneID=Smp_178490;gene_name=Smp_178490;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	29379371	29393398	.
	-	.
ID=Smp_178490.1;Parent=Smp_178490;geneID=Smp_178490;gene_name=Smp_17
8490;owner=irisadmin@local.host;orig_id=Smp_178490.1;date_last_modif
ied=2022-08-19;Name=Smp_178490.1;product=UDP-N-acetylglucosamine/
UDP-glucose/GDP-mannose transporter
(Fragment);date_creation=2022-07-19
SM_V9_PAR2	iris	exon	29379371	29379667	.
	-	.
Parent=Smp_178490.1;Name=bf097ee5-5f8a-47df-883b-e2e72f6aec97
SM_V9_PAR2	iris	exon	29382234	29382316	.
	-	.
Parent=Smp_178490.1;Name=8ba64308-43b1-428c-9ec0-ef7439032270
SM_V9_PAR2	iris	exon	29382719	29382865	.
	-	.	Parent=Smp_178490.1;Name=ca93f0db-b0fa-4db1-
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SM_V9_PAR2	iris	exon	29386203	29386398	.
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SM_V9_PAR2	iris	exon	29386441	29386509	.
	-	.	Parent=Smp_178490.1;Name=e65d63c4-bffa-4860-
b1d0-bfa687e93104
SM_V9_PAR2	iris	exon	29386547	29386618	.
	-	.	Parent=Smp_178490.1;Name=f3063b21-
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SM_V9_PAR2	iris	exon	29386652	29386719	.
	-	.
Parent=Smp_178490.1;Name=83dd04e1-40be-4960-8b92-3b13c3ee3c62
SM_V9_PAR2	iris	exon	29386763	29386843	.
	-	.	Parent=Smp_178490.1;Name=156ccf44-1a56-4307-
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SM_V9_PAR2	iris	exon	29386882	29386915	.
	-	.	Parent=Smp_178490.1;Name=c0765e40-ad2d-46a3-
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SM_V9_PAR2	iris	exon	29386951	29387133	.
	-	.	Parent=Smp_178490.1;Name=f693396b-474b-4174-
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SM_V9_PAR2	iris	exon	29393087	29393213	.
	-	.	Parent=Smp_178490.1;Name=08ca2824-8713-4776-
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SM_V9_PAR2	iris	exon	29393262	29393398	.
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SM_V9_PAR2	iris	CDS	29379577	29379667	.
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SM_V9_PAR2	iris	CDS	29382234	29382316	.
	-	0	Parent=Smp_178490.1
SM_V9_PAR2	iris	CDS	29382719	29382865	.
	-	0	Parent=Smp_178490.1
SM_V9_PAR2	iris	CDS	29386203	29386398	.
	-	1	Parent=Smp_178490.1
SM_V9_PAR2	iris	CDS	29386441	29386509	.
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SM_V9_PAR2	iris	CDS	29386547	29386618	.
	-	1	Parent=Smp_178490.1
SM_V9_PAR2	iris	CDS	29386652	29386719	.
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SM_V9_PAR2	iris	CDS	29386763	29386843	.
	-	0	Parent=Smp_178490.1
SM_V9_PAR2	iris	CDS	29386882	29386915	.
	-	1	Parent=Smp_178490.1
SM_V9_PAR2	iris	CDS	29386951	29387045	.
	-	0	Parent=Smp_178490.1
SM_V9_PAR2	Liftoff	gene	29400922	29429254	.
	-	.
ID=Smp_333320;geneID=Smp_333320;previous_systematic_id=Smp_076170,Sm
p_076180,Smp_163200,Smp_173170
SM_V9_PAR2	Liftoff	mRNA	29400922	29429254	.
	-	.
ID=Smp_333320.1;Parent=Smp_333320;geneID=Smp_333320;product=Jouberin
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,IPR017986,IPR019775,IPR020472
Pfam:PF00018,PF00400;Ontology_term=GO:0005515
SM_V9_PAR2	Liftoff	exon	29400922	29401462	.
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SM_V9_PAR2	Liftoff	exon	29402858	29403107	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29405332	29405364	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29407210	29407260	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29409017	29409119	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29410097	29410166	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29411944	29412084	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29415746	29415879	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29418671	29418765	.
	-	.	Parent=Smp_333320.1
SM_V9_PAR2	Liftoff	exon	29423106	29423303	.
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SM_V9_PAR2	Liftoff	exon	29424472	29425014	.
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SM_V9_PAR2      Liftoff exon    29427313        29427756        .
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SM_V9_PAR2      Liftoff exon    29428554        29428722        .
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SM_V9_PAR2      Liftoff exon    29428757        29428931        .
        -       .       Parent=Smp_333320.1
SM_V9_PAR2      Liftoff exon    29428972        29429048        .
        -       .       Parent=Smp_333320.1
SM_V9_PAR2      Liftoff exon    29429087        29429139        .
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SM_V9_PAR2      Liftoff exon    29429176        29429254        .
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SM_V9_PAR2      Liftoff CDS     29402858        29403107        .
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SM_V9_PAR2      Liftoff CDS     29405332        29405364        .
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SM_V9_PAR2      Liftoff CDS     29409017        29409119        .
        -       1       Parent=Smp_333320.1
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SM_V9_PAR2      Liftoff CDS     29411944        29412084        .
        -       2       Parent=Smp_333320.1
SM_V9_PAR2      Liftoff CDS     29415746        29415879        .
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SM_V9_PAR2      Liftoff CDS     29418671        29418765        .
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SM_V9_PAR2      Liftoff CDS     29423106        29423303        .
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SM_V9_PAR2      Liftoff CDS     29424472        29425014        .
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SM_V9_PAR2      Liftoff CDS     29427313        29427756        .
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SM_V9_PAR2      Liftoff CDS     29428554        29428722        .
        -       1       Parent=Smp_333320.1
SM_V9_PAR2      Liftoff CDS     29428757        29428931        .
        -       2       Parent=Smp_333320.1
SM_V9_PAR2      Liftoff CDS     29428972        29429048        .
        -       1       Parent=Smp_333320.1
SM_V9_PAR2      Liftoff CDS     29429087        29429139        .
        -       0       Parent=Smp_333320.1
SM_V9_PAR2      Liftoff CDS     29429176        29429190        .
        -       0       Parent=Smp_333320.1
SM_V9_PAR2      iris    gene    29437197        29453196        .
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ID=Smp_345400;geneID=Smp_345400;gene_name=Smp_345400;owner=irisadmin
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ID=Smp_345400.1;Parent=Smp_345400;geneID=Smp_345400;gene_name=Smp_34
5400;owner=irisadmin@local.host;orig_id=Smp_345400.1;date_last_modif
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protein RAD17;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    29437197        29437353        .
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SM_V9_PAR2      iris    exon    29437389        29437721        .
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Parent=Smp_345400.1;Name=dce422a2-08f1-4732-810e-6d1d70873b72
SM_V9_PAR2      iris    exon    29438449        29438709        .
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SM_V9_PAR2      iris    exon    29441160        29441265        .
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SM_V9_PAR2      iris    exon    29443229        29443324        .
        +       .       Parent=Smp_345400.1;Name=1fd8b477-28d8-4846-
af41-1f6629692ab1
SM_V9_PAR2      iris    exon    29448696        29448805        .
        +       .       Parent=Smp_345400.1;Name=cb910de4-8907-4d86-
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SM_V9_PAR2      iris    exon    29450768        29451296        .
        +       .       Parent=Smp_345400.1;Name=8e29ad2d-dee7-4673-
a0b3-4fbe8138f4ec
SM_V9_PAR2      iris    exon    29452700        29453196        .
        +       .       Parent=Smp_345400.1;Name=d937cade-781e-449b-
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SM_V9_PAR2      iris    CDS     29437240        29437353        .
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        +       0       Parent=Smp_345400.1
SM_V9_PAR2      iris    CDS     29438449        29438709        .
        +       0       Parent=Smp_345400.1
SM_V9_PAR2      iris    CDS     29441160        29441265        .
        +       0       Parent=Smp_345400.1
SM_V9_PAR2      iris    CDS     29443229        29443324        .
        +       2       Parent=Smp_345400.1
SM_V9_PAR2      iris    CDS     29448696        29448805        .
        +       2       Parent=Smp_345400.1
SM_V9_PAR2      iris    CDS     29450768        29451296        .
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SM_V9_PAR2      iris    CDS     29452700        29452938        .
        +       2       Parent=Smp_345400.1
SM_V9_PAR2      Liftoff gene    29535081        29537053        .
        -       .       ID=Smp_204020;geneID=Smp_204020
SM_V9_PAR2      Liftoff mRNA    29535081        29537053        .
        -       .
ID=Smp_204020.1;Parent=Smp_204020;geneID=Smp_204020;product=Cholecys
tokinin receptor type
A;polypeptide_domain=InterPro:IPR017452;Ontology_term=GO:0016021
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SM_V9_PAR2      Liftoff exon    29535081        29537053        .
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SM_V9_PAR2      iris    gene    29581089        29617945        .
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ID=Smp_076150;geneID=Smp_076150;gene_name=Smp_076150;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    29581089        29617945        .
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ID=Smp_076150.1;Parent=Smp_076150;geneID=Smp_076150;gene_name=Smp_07
6150;owner=irisadmin@local.host;orig_id=Smp_076150.1;date_last_modif
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subunit 2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    29581089        29581690        .
        -       .       Parent=Smp_076150.1;Name=67918864-6da6-4599-
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SM_V9_PAR2      iris    exon    29583879        29583971        .
        -       .       Parent=Smp_076150.1;Name=c8e359fa-
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SM_V9_PAR2      iris    exon    29593341        29593391        .
        -       .
Parent=Smp_076150.1;Name=2fe442f2-7606-4ce7-9c20-184da01eb2a4
SM_V9_PAR2      iris    exon    29595423        29595507        .
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SM_V9_PAR2      iris    exon    29599132        29599255        .
        -       .       Parent=Smp_076150.1;Name=a751841a-
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SM_V9_PAR2      iris    exon    29600688        29600911        .
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SM_V9_PAR2      iris    exon    29603185        29603331        .
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SM_V9_PAR2      iris    exon    29605373        29605584        .
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SM_V9_PAR2      iris    exon    29608675        29608811        .
        -       .       Parent=Smp_076150.1;Name=c1978881-ba98-47d8-
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SM_V9_PAR2      iris    exon    29611290        29611440        .
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SM_V9_PAR2      iris    exon    29614331        29614408        .
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Parent=Smp_076150.1;Name=ac726cc6-1672-4de2-8014-e9fe9a7cdcc2
SM_V9_PAR2      iris    exon    29614453        29614695        .
        -       .       Parent=Smp_076150.1;Name=aa5ad831-55c7-4970-
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SM_V9_PAR2      iris    exon    29614738        29614864        .
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SM_V9_PAR2      iris    exon    29614898        29615089        .
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        -       1       Parent=Smp_076150.1
SM_V9_PAR2      iris    CDS     29593341        29593391        .
        -       1       Parent=Smp_076150.1
SM_V9_PAR2      iris    CDS     29595423        29595507        .
        -       2       Parent=Smp_076150.1
SM_V9_PAR2      iris    CDS     29599132        29599255        .
        -       0       Parent=Smp_076150.1
SM_V9_PAR2      iris    CDS     29600688        29600911        .
        -       2       Parent=Smp_076150.1
SM_V9_PAR2      iris    CDS     29603185        29603331        .
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SM_V9_PAR2      iris    CDS     29605373        29605584        .
        -       1       Parent=Smp_076150.1
SM_V9_PAR2      iris    CDS     29606383        29606579        .
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SM_V9_PAR2      iris    CDS     29611290        29611440        .
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        -       1       Parent=Smp_076150.1
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homolog;date_creation=2022-07-19
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SM_V9_PAR2      iris    exon    29627580        29627832        .
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SM_V9_PAR2	iris	exon	29627866	29627983	.
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Parent=Smp_163180.1;Name=04fd23a0-1386-47d2-9286-08e748795622
SM_V9_PAR2	iris	exon	29628020	29628107	.
	+	.
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	+	.	Parent=Smp_163180.1;Name=e7eb8f93-8e8f-4899-
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SM_V9_PAR2	iris	exon	29632710	29632853	.
	+	.	Parent=Smp_163180.1;Name=880ba8b8-80e9-4711-
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SM_V9_PAR2	iris	exon	29639005	29639171	.
	+	.	Parent=Smp_163180.1;Name=b983b816-ce08-40c6-
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	+	.	Parent=Smp_163180.1;Name=758b16db-2a4f-4612-
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	+	.	Parent=Smp_163180.1;Name=7eec2fdb-a681-4f33-
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SM_V9_PAR2	iris	CDS	29628020	29628107	.
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SM_V9_PAR2	iris	CDS	29628142	29628296	.
	+	0	Parent=Smp_163180.1
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	+	0	Parent=Smp_163180.1
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SM_V9_PAR2	iris	CDS	29639005	29639171	.
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SM_V9_PAR2	iris	CDS	29639722	29639884	.
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        +       2       Parent=Smp_163180.1
SM_V9_PAR2      iris    CDS     29647243        29647515        .
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potassium-transporting ATPase subunit
beta-1;polypeptide_domain=InterPro:IPR000402
Pfam:PF00287;Ontology_term=GO:0005890,GO:0006813,GO:0006814
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SM_V9_PAR2      Liftoff CDS     29672007        29672579        .
        -       0       Parent=Smp_163170.1
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SM_V9_PAR2      Liftoff gene    29713497        29797761        .
        +       .       ID=Smp_163160;geneID=Smp_163160
SM_V9_PAR2      Liftoff mRNA    29713497        29797761        .
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5,IPR020683
Pfam:PF00023,PF00520,PF08344,PF13637;Ontology_term=GO:0005216,GO:000
5262,GO:0005515,GO:0006811,GO:0016020,GO:0055085,GO:0070588
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SM_V9_PAR2      Liftoff exon    29777629        29777946        .
        +       .       Parent=Smp_163160.1
SM_V9_PAR2      Liftoff exon    29779645        29779829        .
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SM_V9_PAR2      Liftoff exon    29781010        29781131        .
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SM_V9_PAR2      Liftoff CDS     29816172        29816267        .
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        +       .       ID=Smp_163140;geneID=Smp_163140
SM_V9_PAR2      Liftoff mRNA    29828917        29840971        .
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A;polypeptide_domain=InterPro:IPR002867,IPR013083,IPR017907
Pfam:PF01485
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SM_V9_PAR2	Liftoff	CDS	29892317	29892449	.	-	0	Parent=Smp_243910.1
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protein 1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	29912386	29912605	.
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SM_V9_PAR2	iris	exon	29920206	29920397	.
	+	.	Parent=Smp_076050.1;Name=a12ec0f6-87e1-4684-
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SM_V9_PAR2	iris	exon	29921273	29921677	.
	+	.	Parent=Smp_076050.1;Name=5629c778-
a3c6-4e37-8087-90e45d418e21
SM_V9_PAR2	iris	exon	29927901	29928164	.
	+	.
Parent=Smp_076050.1;Name=4568acf3-8044-4c26-8304-88d721f3fc6f
SM_V9_PAR2	iris	exon	29929937	29930241	.
	+	.	Parent=Smp_076050.1;Name=4d87ad10-
f81e-48e9-815e-2efe6fb611f2
SM_V9_PAR2	iris	exon	29932004	29932027	.
	+	.	Parent=Smp_076050.1;Name=15db1a77-
b979-4ae7-83e1-e080734a8159
SM_V9_PAR2	iris	exon	29932066	29932620	.
	+	.	Parent=Smp_076050.1;Name=976380f8-6d45-4ea5-
ab19-c62ebc682da7
SM_V9_PAR2	iris	CDS	29915539	29915736	.
	+	0	Parent=Smp_076050.1
SM_V9_PAR2	iris	CDS	29918883	29919047	.
	+	0	Parent=Smp_076050.1
SM_V9_PAR2	iris	CDS	29920206	29920397	.
	+	0	Parent=Smp_076050.1
SM_V9_PAR2	iris	CDS	29921273	29921677	.
	+	0	Parent=Smp_076050.1
SM_V9_PAR2	iris	CDS	29927901	29928164	.
	+	0	Parent=Smp_076050.1
SM_V9_PAR2	iris	CDS	29929937	29930241	.
	+	0	Parent=Smp_076050.1
SM_V9_PAR2	iris	CDS	29932004	29932027	.
	+	1	Parent=Smp_076050.1
SM_V9_PAR2	iris	CDS	29932066	29932420	.
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        +       1       Parent=Smp_076050.1
SM_V9_PAR2      iris    gene    29935816        29942804        .
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@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    29935816        29942804        .
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ID=Smp_076040.1;Parent=Smp_076040;geneID=Smp_076040;gene_name=Smp_07
6040;owner=irisadmin@local.host;orig_id=Smp_076040.1;date_last_modif
ied=2022-08-19;Name=Smp_076040.1;product=Akirin-1;date_creation=2022
-08-19
SM_V9_PAR2      iris    exon    29935816        29936299        .
        -       .       Parent=Smp_076040.1;Name=60f6fc48-
ef7c-42bc-9822-2d91b43d6f83
SM_V9_PAR2      iris    exon    29937262        29937333        .
        -       .       Parent=Smp_076040.1;Name=0271c699-bdcd-461c-
a33f-9c44ff13a2ca
SM_V9_PAR2      iris    exon    29939426        29939716        .
        -       .       Parent=Smp_076040.1;Name=dcee0140-647b-44eb-
b7c0-9d2df05a61df
SM_V9_PAR2      iris    exon    29941186        29941317        .
        -       .       Parent=Smp_076040.1;Name=57194972-a356-4dc6-
b296-fb75201bd5ba
SM_V9_PAR2      iris    exon    29942535        29942804        .
        -       .
Parent=Smp_076040.1;Name=ec55e1b1-7d7f-40ef-8bc9-91217a82ffc7
SM_V9_PAR2      iris    CDS     29936289        29936299        .
        -       2       Parent=Smp_076040.1
SM_V9_PAR2      iris    CDS     29937262        29937333        .
        -       2       Parent=Smp_076040.1
SM_V9_PAR2      iris    CDS     29939426        29939716        .
        -       2       Parent=Smp_076040.1
SM_V9_PAR2      iris    CDS     29941186        29941317        .
        -       2       Parent=Smp_076040.1
SM_V9_PAR2      iris    CDS     29942535        29942688        .
        -       0       Parent=Smp_076040.1
SM_V9_PAR2      Liftoff gene    29954476        29966180        .
        +       .       ID=Smp_076030;geneID=Smp_076030
SM_V9_PAR2      Liftoff mRNA    29954476        29966180        .
        +       .
ID=Smp_076030.1;Parent=Smp_076030;geneID=Smp_076030;product=Protein
Tob1;polypeptide_domain=InterPro:IPR002087 Pfam:PF07742
SM_V9_PAR2      Liftoff exon    29954476        29956351        .
        +       .       Parent=Smp_076030.1
SM_V9_PAR2      Liftoff exon    29958827        29959174        .
        +       .       Parent=Smp_076030.1
SM_V9_PAR2      Liftoff exon    29963385        29966180        .
        +       .       Parent=Smp_076030.1
SM_V9_PAR2      Liftoff CDS     29954981        29956351        .
        +       0       Parent=Smp_076030.1
SM_V9_PAR2      Liftoff CDS     29958827        29959174        .
        +       0       Parent=Smp_076030.1
SM_V9_PAR2      Liftoff CDS     29963385        29964122        .
        +       0       Parent=Smp_076030.1
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SM_V9_PAR2	iris	gene	29982568	30009192	.	-	.
ID=Smp_163110;geneID=Smp_163110;gene_name=Smp_163110;owner=irisadmin@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2	iris	mRNA	29982568	30009192	.	-	.
ID=Smp_163110.1;Parent=Smp_163110;geneID=Smp_163110;gene_name=Smp_163110;owner=irisadmin@local.host;orig_id=Smp_163110.1;date_last_modified=2022-08-19;Name=Smp_163110.1;product=ATP-dependent RNA helicase DDX1;date_creation=2022-08-19
SM_V9_PAR2	iris	exon	29982568	29983029	.	-	.
Parent=Smp_163110.1;Name=d7006081-57cb-4ced-867e-97447689dad6
SM_V9_PAR2	iris	exon	29984867	29985083	.	-	.	Parent=Smp_163110.1;Name=85d8dafc-af3e-4973-b86f-dad9a6dcd773
SM_V9_PAR2	iris	exon	29985950	29985992	.	-	.
Parent=Smp_163110.1;Name=0501c693-5810-4223-886d-2ad180916d3b
SM_V9_PAR2	iris	exon	29989215	29989287	.	-	.
Parent=Smp_163110.1;Name=24da1365-63be-4b86-801c-28e35712773f
SM_V9_PAR2	iris	exon	29990061	29990133	.	-	.	Parent=Smp_163110.1;Name=2b4d00d9-0a23-4328-a6cc-dc07b48502b3
SM_V9_PAR2	iris	exon	29990234	29990325	.	-	.	Parent=Smp_163110.1;Name=b81492cf-b4e4-4a86-b539-641a27c3e52b
SM_V9_PAR2	iris	exon	29993149	29993295	.	-	.
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SM_V9_PAR2	iris	exon	29993732	29993852	.	-	.	Parent=Smp_163110.1;Name=bf0e46f9-32e5-4335-a03f-6c74281bf1f7
SM_V9_PAR2	iris	exon	29998746	29998820	.	-	.
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SM_V9_PAR2	iris	exon	29999944	30000183	.	-	.	Parent=Smp_163110.1;Name=1be9b06d-5daa-4ab2-be47-2ab14d4b8adf
SM_V9_PAR2	iris	exon	30000499	30000636	.	-	.	Parent=Smp_163110.1;Name=3487f50a-759c-442d-a01e-8a6ffabfd1fd
SM_V9_PAR2	iris	exon	30002089	30002150	.	-	.	Parent=Smp_163110.1;Name=cae833ed-26b3-4030-b150-8a8b1bd35efe
SM_V9_PAR2	iris	exon	30003446	30003637	.	-	.	Parent=Smp_163110.1;Name=b3bf299f-d89c-4c9d-aac4-147da2b7c6a9
SM_V9_PAR2	iris	exon	30005508	30005741	.	-	.
Parent=Smp_163110.1;Name=c59981ec-6010-48b5-92f2-cbdd68b5b42a
SM_V9_PAR2	iris	exon	30007307	30007469	.	-	.	Parent=Smp_163110.1;Name=4ff237c4-75ba-4be0-
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SM_V9_PAR2      iris    exon    30007503        30007714        .
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beb2-72cdfa89a2d4
SM_V9_PAR2      iris    exon    30009133        30009192        .
        -       .
Parent=Smp_163110.1;Name=8654b665-8a69-4822-98b5-0a6d843870d2
SM_V9_PAR2      iris    CDS     29982905        29983029        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29984867        29985083        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29985950        29985992        .
        -       1       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29989215        29989287        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29990061        29990133        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29990234        29990325        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29993149        29993295        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29993732        29993852        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29998746        29998820        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     29999944        30000183        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     30000499        30000636        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     30002089        30002150        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     30003446        30003637        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     30005508        30005741        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     30007307        30007469        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     30007503        30007714        .
        -       2       Parent=Smp_163110.1
SM_V9_PAR2      iris    CDS     30009133        30009154        .
        -       0       Parent=Smp_163110.1
SM_V9_PAR2      Liftoff gene    30019136        30040325        .
        +       .       ID=Smp_076010;geneID=Smp_076010
SM_V9_PAR2      Liftoff mRNA    30019136        30040325        .
        +       .
ID=Smp_076010.1;Parent=Smp_076010;geneID=Smp_076010;product=Ribosoma
l RNA small subunit methyltransferase Nep1
SM_V9_PAR2      Liftoff exon    30019136        30021890        .
        +       .       Parent=Smp_076010.1
SM_V9_PAR2      Liftoff exon    30038980        30040325        .
        +       .       Parent=Smp_076010.1
SM_V9_PAR2      Liftoff CDS     30021824        30021890        .
        +       0       Parent=Smp_076010.1
SM_V9_PAR2      Liftoff CDS     30038980        30039503        .
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        +       2       Parent=Smp_076010.1
SM_V9_PAR2      Liftoff gene    30052936        30116882        .
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ID=Smp_333330;geneID=Smp_333330;previous_systematic_id=Smp_126710,Sm
p_241520
SM_V9_PAR2      Liftoff mRNA    30052936        30116882        .
        +       .
ID=Smp_333330.1;Parent=Smp_333330;geneID=Smp_333330;product=Lipopoly
saccharide-induced tumor necrosis factor-alpha factor
homolog;polypeptide_domain=InterPro:IPR006629 Pfam:PF10601
SM_V9_PAR2      Liftoff exon    30052936        30053122        .
        +       .       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff exon    30092880        30092972        .
        +       .       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff exon    30094810        30094827        .
        +       .       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff exon    30098279        30098332        .
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SM_V9_PAR2      Liftoff exon    30099573        30099638        .
        +       .       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff exon    30104831        30104875        .
        +       .       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff exon    30111092        30111163        .
        +       .       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff exon    30111813        30111881        .
        +       .       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff exon    30114070        30114220        .
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SM_V9_PAR2      Liftoff exon    30116159        30116882        .
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SM_V9_PAR2      Liftoff CDS     30053098        30053122        .
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SM_V9_PAR2      Liftoff CDS     30092880        30092972        .
        +       2       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff CDS     30094810        30094827        .
        +       2       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff CDS     30098279        30098332        .
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SM_V9_PAR2      Liftoff CDS     30099573        30099638        .
        +       2       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff CDS     30104831        30104875        .
        +       2       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff CDS     30111092        30111163        .
        +       2       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff CDS     30111813        30111881        .
        +       2       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff CDS     30114070        30114220        .
        +       2       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff CDS     30116159        30116267        .
        +       1       Parent=Smp_333330.1
SM_V9_PAR2      Liftoff gene    30122146        30127094        .
        +       .       ID=Smp_157940;geneID=Smp_157940
SM_V9_PAR2      Liftoff mRNA    30122146        30127094        .
        +       .
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ID=Smp_157940.1;Parent=Smp_157940;geneID=Smp_157940;product=Nuclear
inhibitor of protein phosphatase
1;polypeptide_domain=InterPro:IPR000253,IPR008984
Pfam:PF00498;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    30122146        30122238        .
        +       .       Parent=Smp_157940.1
SM_V9_PAR2      Liftoff exon    30122288        30122348        .
        +       .       Parent=Smp_157940.1
SM_V9_PAR2      Liftoff exon    30122384        30122590        .
        +       .       Parent=Smp_157940.1
SM_V9_PAR2      Liftoff exon    30125199        30125645        .
        +       .       Parent=Smp_157940.1
SM_V9_PAR2      Liftoff exon    30126242        30127094        .
        +       .       Parent=Smp_157940.1
SM_V9_PAR2      Liftoff CDS     30122183        30122238        .
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SM_V9_PAR2      Liftoff CDS     30122288        30122348        .
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SM_V9_PAR2      Liftoff CDS     30122384        30122590        .
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SM_V9_PAR2      Liftoff CDS     30125199        30125645        .
        +       0       Parent=Smp_157940.1
SM_V9_PAR2      Liftoff CDS     30126242        30126757        .
        +       0       Parent=Smp_157940.1
SM_V9_PAR2      Liftoff gene    30130613        30147432        .
        -       .       ID=Smp_066200;geneID=Smp_066200
SM_V9_PAR2      Liftoff mRNA    30130613        30147432        .
        -       .
ID=Smp_066200.1;Parent=Smp_066200;geneID=Smp_066200;product=Cytochro
me c oxidase subunit 5B,
mitochondrial;polypeptide_domain=InterPro:IPR002124;Ontology_term=GO
:0004129,GO:0005740
SM_V9_PAR2      Liftoff exon    30130613        30131296        .
        -       .       Parent=Smp_066200.1
SM_V9_PAR2      Liftoff exon    30132835        30132937        .
        -       .       Parent=Smp_066200.1
SM_V9_PAR2      Liftoff exon    30132983        30133059        .
        -       .       Parent=Smp_066200.1
SM_V9_PAR2      Liftoff exon    30133094        30147432        .
        -       .       Parent=Smp_066200.1
SM_V9_PAR2      Liftoff CDS     30131172        30131296        .
        -       2       Parent=Smp_066200.1
SM_V9_PAR2      Liftoff CDS     30132835        30132937        .
        -       0       Parent=Smp_066200.1
SM_V9_PAR2      Liftoff CDS     30132983        30133059        .
        -       2       Parent=Smp_066200.1
SM_V9_PAR2      Liftoff CDS     30133094        30133220        .
        -       0       Parent=Smp_066200.1
SM_V9_PAR2      iris    gene    30154586        30165652        .
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ID=Smp_157930;geneID=Smp_157930;gene_name=Smp_157930;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30154586        30165652        .
        +       .
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acyltransferase 7;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30154586        30154617        .
        +       .       Parent=Smp_157930.1;Name=05d47fad-d6f7-412a-
be60-e2dcd1a9aaca
SM_V9_PAR2      iris    exon    30156788        30157050        .
        +       .       Parent=Smp_157930.1;Name=55f3d11c-
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SM_V9_PAR2      iris    exon    30157092        30157218        .
        +       .       Parent=Smp_157930.1;Name=cd5a0b51-9280-4fce-
a238-ab0daa4d3cd6
SM_V9_PAR2      iris    exon    30157270        30157447        .
        +       .       Parent=Smp_157930.1;Name=ce6a6c37-ddc3-41ca-
b536-fa3962b4705a
SM_V9_PAR2      iris    exon    30158170        30158321        .
        +       .       Parent=Smp_157930.1;Name=f562f79f-
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SM_V9_PAR2      iris    exon    30159077        30159282        .
        +       .       Parent=Smp_157930.1;Name=22e99703-0fde-4f6b-
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SM_V9_PAR2      iris    exon    30163368        30163679        .
        +       .       Parent=Smp_157930.1;Name=b37966a0-66de-4b45-
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SM_V9_PAR2      iris    exon    30164086        30165652        .
        +       .
Parent=Smp_157930.1;Name=97f93ade-545a-4f91-9cc0-9c72ddbbdbf3
SM_V9_PAR2      iris    CDS     30156845        30157050        .
        +       0       Parent=Smp_157930.1
SM_V9_PAR2      iris    CDS     30157092        30157218        .
        +       1       Parent=Smp_157930.1
SM_V9_PAR2      iris    CDS     30157270        30157447        .
        +       0       Parent=Smp_157930.1
SM_V9_PAR2      iris    CDS     30158170        30158321        .
        +       2       Parent=Smp_157930.1
SM_V9_PAR2      iris    CDS     30159077        30159282        .
        +       0       Parent=Smp_157930.1
SM_V9_PAR2      iris    CDS     30163368        30163679        .
        +       1       Parent=Smp_157930.1
SM_V9_PAR2      iris    CDS     30164086        30164560        .
        +       1       Parent=Smp_157930.1
SM_V9_PAR2      Liftoff gene    30173186        30173957        .
        +       .       ID=Smp_324110;geneID=Smp_324110
SM_V9_PAR2      Liftoff mRNA    30173186        30173957        .
        +       .
ID=Smp_324110.1;Parent=Smp_324110;geneID=Smp_324110;product=Tetraspa
nin-7;polypeptide_domain=InterPro:IPR008952,IPR018499
Pfam:PF00335;Ontology_term=GO:0016021
SM_V9_PAR2      Liftoff exon    30173186        30173957        .
        +       .       Parent=Smp_324110.1
SM_V9_PAR2      Liftoff CDS     30173234        30173872        .
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SM_V9_PAR2      Liftoff gene    30181545        30182093        .
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SM_V9_PAR2      Liftoff mRNA    30181545        30182093        .
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ID=Smp_204010.1;Parent=Smp_204010;geneID=Smp_204010;product=Cytokine
sis protein sepH
SM_V9_PAR2      Liftoff exon    30181545        30182093        .
        -       .       Parent=Smp_204010.1
SM_V9_PAR2      Liftoff CDS     30181545        30182093        .
        -       0       Parent=Smp_204010.1
SM_V9_PAR2      iris    gene    30185003        30232332        .
        -       .
ID=Smp_157920;geneID=Smp_157920;gene_name=Smp_157920;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30185003        30232332        .
        -       .
ID=Smp_157920.1;Parent=Smp_157920;geneID=Smp_157920;gene_name=Smp_15
7920;owner=irisadmin@local.host;orig_id=Smp_157920.3;date_last_modif
ied=2022-07-19;Name=Smp_157920.1;product=Polyphosphoinositide
phosphatase;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30185003        30185915        .
        -       .       Parent=Smp_157920.1;Name=ec61d65f-eef1-44e1-
b1b2-63a7bd10b3fc
SM_V9_PAR2      iris    exon    30186961        30187079        .
        -       .       Parent=Smp_157920.1;Name=aad6099a-
d8e7-443c-890e-aaa284cfd47a
SM_V9_PAR2      iris    exon    30196068        30196372        .
        -       .       Parent=Smp_157920.1;Name=811f1b58-3c43-43d5-
b7a3-d2e8296773e8
SM_V9_PAR2      iris    exon    30199794        30200229        .
        -       .
Parent=Smp_157920.1;Name=45fcaa4d-7119-4add-9128-e69d3cf485b1
SM_V9_PAR2      iris    exon    30202658        30202794        .
        -       .       Parent=Smp_157920.1;Name=d0d9afcc-f21a-422b-
aed7-02e46ee69f3f
SM_V9_PAR2      iris    exon    30203875        30204312        .
        -       .       Parent=Smp_157920.1;Name=276bb35c-
bda7-4808-8de8-9846995dfecd
SM_V9_PAR2      iris    exon    30207085        30207218        .
        -       .
Parent=Smp_157920.1;Name=93ea1f61-326a-43bd-865d-d6c4519974a3
SM_V9_PAR2      iris    exon    30210211        30210379        .
        -       .       Parent=Smp_157920.1;Name=38690343-
e2eb-4e24-8c7c-a2d034a871b5
SM_V9_PAR2      iris    exon    30214818        30215074        .
        -       .
Parent=Smp_157920.1;Name=17165b64-2e35-4d46-9d4c-a8db72d8e947
SM_V9_PAR2      iris    exon    30218614        30218778        .
        -       .       Parent=Smp_157920.1;Name=bb41d10e-5495-4eae-
bf2f-4ad900ed2046
SM_V9_PAR2      iris    exon    30221588        30221740        .
        -       .       Parent=Smp_157920.1;Name=3fcfe045-9462-4d68-
bc07-8e84b963c2c0
SM_V9_PAR2      iris    exon    30223892        30224203        .
        -       .
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Parent=Smp_157920.1;Name=05b9fd21-95f4-47d9-871e-d9914bbb136a
SM_V9_PAR2      iris    exon    30225993        30226319        .
        -       .       Parent=Smp_157920.1;Name=8a978b74-
b470-4e86-944f-106c97eb1c4e
SM_V9_PAR2      iris    exon    30227801        30228160        .
        -       .
Parent=Smp_157920.1;Name=9070a4d5-5be7-4efe-9c05-33d0c5f6282f
SM_V9_PAR2      iris    exon    30230069        30230373        .
        -       .       Parent=Smp_157920.1;Name=450b97c2-e1b0-4d8e-
be3a-8fa7deb2c6d9
SM_V9_PAR2      iris    exon    30232270        30232332        .
        -       .       Parent=Smp_157920.1;Name=411a75dd-
d42f-4472-968f-86be1c381855
SM_V9_PAR2      iris    CDS     30185814        30185915        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30186961        30187079        .
        -       2       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30196068        30196372        .
        -       1       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30199794        30200229        .
        -       2       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30202658        30202794        .
        -       1       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30203875        30204312        .
        -       1       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30207085        30207218        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30210211        30210379        .
        -       1       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30214818        30215074        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30218614        30218778        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30221588        30221740        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30223892        30224203        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30225993        30226319        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30227801        30228160        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    CDS     30230069        30230371        .
        -       0       Parent=Smp_157920.1
SM_V9_PAR2      iris    gene    30254203        30266232        .
        +       .
ID=Smp_142850;geneID=Smp_142850;gene_name=Smp_142850;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30254203        30266232        .
        +       .
ID=Smp_142850.1;Parent=Smp_142850;geneID=Smp_142850;gene_name=Smp_14
2850;owner=irisadmin@local.host;orig_id=Smp_142850.1;date_last_modif
ied=2022-07-19;Name=Smp_142850.1;product=Stromal membrane-associated
protein 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30254203        30254352        .
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        +       .       Parent=Smp_142850.1;Name=71279294-4468-483d-
b8af-f8f7795d9cbb
SM_V9_PAR2      iris    exon    30254384        30254517        .
        +       .
Parent=Smp_142850.1;Name=069acd42-3d3f-46b3-8077-cd2153bd54ea
SM_V9_PAR2      iris    exon    30254553        30254735        .
        +       .
Parent=Smp_142850.1;Name=e2e41702-63ed-4400-89c1-b85ff50bdcda
SM_V9_PAR2      iris    exon    30257683        30257799        .
        +       .       Parent=Smp_142850.1;Name=d834f971-7058-459b-
b899-203445ca0fc8
SM_V9_PAR2      iris    exon    30258129        30258338        .
        +       .
Parent=Smp_142850.1;Name=da58345b-0f17-47f4-846d-d0e8b86927c6
SM_V9_PAR2      iris    exon    30258449        30258755        .
        +       .
Parent=Smp_142850.1;Name=f1c9370a-0367-4d94-9fde-0c2799ce7350
SM_V9_PAR2      iris    exon    30262413        30262522        .
        +       .
Parent=Smp_142850.1;Name=bc7e6ccc-745f-406f-878b-c7263629fe77
SM_V9_PAR2      iris    exon    30263818        30264093        .
        +       .       Parent=Smp_142850.1;Name=f0957136-0461-4582-
a99a-9bc5e4dae9a0
SM_V9_PAR2      iris    exon    30265622        30266232        .
        +       .       Parent=Smp_142850.1;Name=74db95ca-
e1fa-4d66-9c3c-21c097dd9200
SM_V9_PAR2      iris    CDS     30254232        30254352        .
        +       0       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30254384        30254517        .
        +       2       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30254553        30254735        .
        +       0       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30257683        30257799        .
        +       0       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30258129        30258338        .
        +       0       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30258449        30258755        .
        +       0       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30262413        30262522        .
        +       2       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30263818        30264093        .
        +       0       Parent=Smp_142850.1
SM_V9_PAR2      iris    CDS     30265622        30265675        .
        +       0       Parent=Smp_142850.1
SM_V9_PAR2      Liftoff gene    30268218        30286948        .
        -       .       ID=Smp_038140;geneID=Smp_038140
SM_V9_PAR2      Liftoff mRNA    30268218        30286948        .
        -       .
ID=Smp_038140.1;Parent=Smp_038140;geneID=Smp_038140;product=GRIP and
coiled-coil domain-containing protein
2;polypeptide_domain=InterPro:IPR000237,IPR032023
Pfam:PF16704;Ontology_term=GO:0000042,GO:0005515
SM_V9_PAR2      Liftoff exon    30268218        30269053        .
        -       .       Parent=Smp_038140.1
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SM_V9_PAR2	Liftoff	exon	30276118	30276351	.
	-	.	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	exon	30278402	30278575	.
	-	.	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	exon	30281049	30281190	.
	-	.	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	exon	30281738	30281929	.
	-	.	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	exon	30283625	30283887	.
	-	.	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	exon	30285175	30286948	.
	-	.	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	CDS	30268700	30269053	.
	-	0	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	CDS	30276118	30276351	.
	-	0	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	CDS	30278402	30278575	.
	-	0	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	CDS	30281049	30281190	.
	-	1	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	CDS	30281738	30281929	.
	-	1	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	CDS	30283625	30283887	.
	-	0	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	CDS	30285175	30286920	.
	-	0	Parent=Smp_038140.1
SM_V9_PAR2	Liftoff	mRNA	30268218	30286948	.
	-	.
ID=Smp_038140.2;Parent=Smp_038140;geneID=Smp_038140;product=GRIP and
coiled-coil domain-containing protein
2;polypeptide_domain=InterPro:IPR000237;Ontology_term=GO:0000042,GO:
0005515
SM_V9_PAR2	Liftoff	exon	30268218	30269053	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	exon	30270382	30270531	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	exon	30276118	30276351	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	exon	30278402	30278575	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	exon	30281049	30281190	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	exon	30281738	30281929	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	exon	30283625	30283887	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	exon	30285175	30286948	.
	-	.	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	CDS	30268700	30269053	.
	-	0	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	CDS	30270382	30270531	.
	-	0	Parent=Smp_038140.2
SM_V9_PAR2	Liftoff	CDS	30276118	30276351	.
	-	0	Parent=Smp_038140.2
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SM_V9_PAR2      Liftoff CDS     30278402        30278575        .
        -       0       Parent=Smp_038140.2
SM_V9_PAR2      Liftoff CDS     30281049        30281190        .
        -       1       Parent=Smp_038140.2
SM_V9_PAR2      Liftoff CDS     30281738        30281929        .
        -       1       Parent=Smp_038140.2
SM_V9_PAR2      Liftoff CDS     30283625        30283887        .
        -       0       Parent=Smp_038140.2
SM_V9_PAR2      Liftoff CDS     30285175        30286920        .
        -       0       Parent=Smp_038140.2
SM_V9_PAR2      Liftoff gene    30302844        30315800        .
        +       .       ID=Smp_142820;geneID=Smp_142820
SM_V9_PAR2      Liftoff mRNA    30302844        30315800        .
        +       .
ID=Smp_142820.1;Parent=Smp_142820;geneID=Smp_142820;product=50S
ribosomal protein L6, chloroplastic
SM_V9_PAR2      Liftoff exon    30302844        30303214        .
        +       .       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff exon    30306095        30306367        .
        +       .       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff exon    30307344        30307410        .
        +       .       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff exon    30308305        30308709        .
        +       .       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff exon    30314508        30315800        .
        +       .       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff CDS     30303104        30303214        .
        +       0       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff CDS     30306095        30306367        .
        +       0       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff CDS     30307344        30307410        .
        +       0       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff CDS     30308305        30308709        .
        +       2       Parent=Smp_142820.1
SM_V9_PAR2      Liftoff CDS     30314508        30315622        .
        +       2       Parent=Smp_142820.1
SM_V9_PAR2      iris    gene    30323794        30328265        .
        -       .
ID=Smp_335180;geneID=Smp_335180;gene_name=Smp_335180;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_PAR2      iris    mRNA    30323794        30328265        .
        -       .
ID=Smp_335180.1;Parent=Smp_335180;geneID=Smp_335180;gene_name=Smp_33
5180;owner=irisadmin@local.host;orig_id=Smp_335180.2;date_last_modif
ied=2022-07-31;Name=Smp_335180.1;product=Calcium-binding protein
CML37;date_creation=2022-07-31
SM_V9_PAR2      iris    exon    30323794        30324464        .
        -       .       Parent=Smp_335180.1;Name=2a8ba16a-96ec-46c0-
bf37-dd8ee5a599c4
SM_V9_PAR2      iris    exon    30325879        30325918        .
        -       .
Parent=Smp_335180.1;Name=818d8b27-2f9d-4ff1-9063-52daf60c7d0a
SM_V9_PAR2      iris    exon    30328171        30328265        .
        -       .       Parent=Smp_335180.1;Name=94787f41-6581-4e66-
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ae33-7e307f0ff9bd
SM_V9_PAR2      iris    CDS     30324260        30324464        .
        -       1       Parent=Smp_335180.1
SM_V9_PAR2      iris    CDS     30325879        30325918        .
        -       2       Parent=Smp_335180.1
SM_V9_PAR2      iris    CDS     30328171        30328234        .
        -       0       Parent=Smp_335180.1
SM_V9_PAR2      iris    gene    30338551        30342959        .
        +       .
ID=Smp_039590;geneID=Smp_039590;gene_name=Smp_039590;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30338551        30342959        .
        +       .
ID=Smp_039590.1;Parent=Smp_039590;geneID=Smp_039590;gene_name=Smp_03
9590;owner=irisadmin@local.host;orig_id=Smp_039590.1;date_last_modif
ied=2022-07-19;Name=Smp_039590.1;product=EF-hand domain-containing
family member B;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30338551        30338772        .
        +       .       Parent=Smp_039590.1;Name=38a1e19e-
f6e9-4172-826c-6c4a650d6004
SM_V9_PAR2      iris    exon    30342013        30342959        .
        +       .       Parent=Smp_039590.1;Name=93646b83-8f72-43e5-
bcec-c1c5928ea348
SM_V9_PAR2      iris    CDS     30338745        30338772        .
        +       0       Parent=Smp_039590.1
SM_V9_PAR2      iris    CDS     30342013        30342233        .
        +       2       Parent=Smp_039590.1
SM_V9_PAR2      iris    gene    30349158        30350706        .
        -       .
ID=Smp_039600;geneID=Smp_039600;gene_name=Smp_039600;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    30349158        30350706        .
        -       .
ID=Smp_039600.1;Parent=Smp_039600;geneID=Smp_039600;gene_name=Smp_03
9600;owner=irisadmin@local.host;orig_id=Smp_039600.1;date_last_modif
ied=2022-08-19;Name=Smp_039600.1;product=Calbindin-32;date_creation=
2022-08-19
SM_V9_PAR2      iris    exon    30349158        30350706        .
        -       .       Parent=Smp_039600.1;Name=d4e18b8b-
d35b-4494-9944-7698d65fe899
SM_V9_PAR2      iris    CDS     30349353        30350279        .
        -       0       Parent=Smp_039600.1
SM_V9_PAR2      Liftoff gene    30372554        30403257        .
        +       .       ID=Smp_143730;geneID=Smp_143730
SM_V9_PAR2      Liftoff mRNA    30372554        30403257        .
        +       .
ID=Smp_143730.1;Parent=Smp_143730;geneID=Smp_143730;product=Nodal
modulator 3;polypeptide_domain=InterPro:IPR008969,IPR013783
SM_V9_PAR2      Liftoff exon    30372554        30374630        .
        +       .       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff exon    30374672        30374923        .
        +       .       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff exon    30380701        30380886        .
        +       .       Parent=Smp_143730.1
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SM_V9_PAR2	Liftoff	exon	30381203	30381445	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30383873	30383971	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30385072	30385209	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30386037	30386234	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30388347	30388526	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30389281	30389664	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30391125	30391429	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30392708	30393065	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30393596	30394019	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30395056	30395145	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30397210	30397370	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30398114	30398327	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30399574	30399776	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30400555	30400712	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	exon	30402001	30403257	.
	+	.	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30374256	30374630	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30374672	30374923	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30380701	30380886	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30381203	30381445	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30383873	30383971	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30385072	30385209	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30386037	30386234	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30388347	30388526	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30389281	30389664	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30391125	30391429	.
	+	0	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30392708	30393065	.
	+	1	Parent=Smp_143730.1
SM_V9_PAR2	Liftoff	CDS	30393596	30394019	.
	+	0	Parent=Smp_143730.1
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SM_V9_PAR2      Liftoff CDS     30395056        30395145        .
        +       2       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff CDS     30397210        30397370        .
        +       2       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff CDS     30398114        30398327        .
        +       0       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff CDS     30399574        30399776        .
        +       2       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff CDS     30400555        30400712        .
        +       0       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff CDS     30402001        30402154        .
        +       1       Parent=Smp_143730.1
SM_V9_PAR2      Liftoff gene    30410788        30427461        .
        +       .
ID=Smp_340740;geneID=Smp_340740;previous_systematic_id=Smp_039620
SM_V9_PAR2      Liftoff mRNA    30410788        30427461        .
        +       .
ID=Smp_340740.1;Parent=Smp_340740;geneID=Smp_340740;product=Lysosome
-associated membrane glycoprotein
5;polypeptide_domain=InterPro:IPR002000
Pfam:PF01299;Ontology_term=GO:0016020
SM_V9_PAR2      Liftoff exon    30410788        30410898        .
        +       .       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff exon    30410937        30411124        .
        +       .       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff exon    30423388        30423598        .
        +       .       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff exon    30425972        30426160        .
        +       .       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff exon    30426698        30427461        .
        +       .       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff CDS     30410838        30410898        .
        +       0       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff CDS     30410937        30411124        .
        +       2       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff CDS     30423388        30423598        .
        +       0       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff CDS     30425972        30426160        .
        +       2       Parent=Smp_340740.1
SM_V9_PAR2      Liftoff CDS     30426698        30426843        .
        +       2       Parent=Smp_340740.1
SM_V9_PAR2      iris    gene    30438524        30443954        .
        +       .
ID=Smp_143740;geneID=Smp_143740;gene_name=Smp_143740;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30438524        30443954        .
        +       .
ID=Smp_143740.1;Parent=Smp_143740;geneID=Smp_143740;gene_name=Smp_14
3740;owner=irisadmin@local.host;orig_id=Smp_143740.1;date_last_modif
ied=2022-07-19;Name=Smp_143740.1;product=Uroporphyrinogen
decarboxylase;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30438524        30438567        .
        +       .       Parent=Smp_143740.1;Name=2aef05b7-0831-46d8-
b14c-1d8d27791e67
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SM_V9_PAR2	iris	exon	30439532	30439806	.
	+	.	Parent=Smp_143740.1;Name=b7a037c5-b4fe-432e-
b058-7f37a1e5cbda
SM_V9_PAR2	iris	exon	30441526	30441894	.
	+	.	Parent=Smp_143740.1;Name=88c3a31f-4264-4596-
a962-390c8ce4c547
SM_V9_PAR2	iris	exon	30442404	30442676	.
	+	.	Parent=Smp_143740.1;Name=75da2d49-
cf5d-4c51-825e-0963a713d47d
SM_V9_PAR2	iris	exon	30443566	30443954	.
	+	.
Parent=Smp_143740.1;Name=dbe873eb-4b6d-4f48-996f-65c8b9f3ae6e
SM_V9_PAR2	iris	CDS	30439549	30439806	.
	+	0	Parent=Smp_143740.1
SM_V9_PAR2	iris	CDS	30441526	30441894	.
	+	0	Parent=Smp_143740.1
SM_V9_PAR2	iris	CDS	30442404	30442676	.
	+	0	Parent=Smp_143740.1
SM_V9_PAR2	iris	CDS	30443566	30443760	.
	+	0	Parent=Smp_143740.1
SM_V9_PAR2	iris	gene	30451739	30453716	.
	-	.
ID=Smp_203990;geneID=Smp_203990;gene_name=Smp_203990;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	30451739	30453716	.
	-	.
ID=Smp_203990.1;Parent=Smp_203990;geneID=Smp_203990;gene_name=Smp_20
3990;owner=irisadmin@local.host;orig_id=Smp_203990.1;date_last_modif
ied=2022-07-19;Name=Smp_203990.1;product=Exosome complex component
Rrp4;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	30451739	30453716	.
	-	.	Parent=Smp_203990.1;Name=44a9ccbd-a9b2-45ab-
ab68-668cce7e9fcb
SM_V9_PAR2	iris	CDS	30453222	30453587	.
	-	0	Parent=Smp_203990.1
SM_V9_PAR2	iris	gene	30461228	30479610	.
	-	.
ID=Smp_039640;geneID=Smp_039640;gene_name=Smp_039640;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	30461228	30479610	.
	-	.
ID=Smp_039640.1;Parent=Smp_039640;geneID=Smp_039640;gene_name=Smp_03
9640;owner=irisadmin@local.host;orig_id=Smp_039640.1;date_last_modif
ied=2022-07-19;Name=Smp_039640.1;product=E3 ubiquitin-protein ligase
RBBP6;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	30461228	30461546	.
	-	.	Parent=Smp_039640.1;Name=c2445fcb-fa0f-4c3d-
a5d5-4d81c93e4526
SM_V9_PAR2	iris	exon	30461588	30461906	.
	-	.
Parent=Smp_039640.1;Name=57bf59b9-2cfb-4656-9808-c5107b1d465c
SM_V9_PAR2	iris	exon	30461943	30461998	.
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Parent=Smp_039640.1;Name=677e20c0-96a0-4e03-8597-2319c6917952
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SM_V9_PAR2	iris	exon	30468255	30468734	.
	-	.	Parent=Smp_039640.1;Name=987f60ef-f7da-4d06-
a03a-6df4028a6158
SM_V9_PAR2	iris	exon	30469630	30470438	.
	-	.	Parent=Smp_039640.1;Name=9e90816d-8bd0-4fb3-
a425-706d06b92b2e
SM_V9_PAR2	iris	exon	30470476	30470857	.
	-	.	Parent=Smp_039640.1;Name=8238890c-
c8a7-4f25-898b-6d07b223f59f
SM_V9_PAR2	iris	exon	30470891	30471136	.
	-	.	Parent=Smp_039640.1;Name=92a979a8-81e7-4c4d-
a036-aeb0cd12e86b
SM_V9_PAR2	iris	exon	30471173	30471261	.
	-	.	Parent=Smp_039640.1;Name=b3336d20-14cc-484b-
b3ed-0dd415e5ed6b
SM_V9_PAR2	iris	exon	30471294	30471329	.
	-	.
Parent=Smp_039640.1;Name=d34403cf-64aa-44bb-8ff1-03f5f1214041
SM_V9_PAR2	iris	exon	30479175	30479214	.
	-	.	Parent=Smp_039640.1;Name=c057ef88-e9c1-4b34-
a2a7-2614f0de0d52
SM_V9_PAR2	iris	exon	30479256	30479352	.
	-	.
Parent=Smp_039640.1;Name=c326dd60-0c8b-49a3-92e4-f0c3921b7ee3
SM_V9_PAR2	iris	exon	30479385	30479610	.
	-	.	Parent=Smp_039640.1;Name=a27954d1-2585-431a-
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SM_V9_PAR2	iris	CDS	30461318	30461546	.
	-	1	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30461588	30461906	.
	-	2	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30461943	30461998	.
	-	1	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30468255	30468734	.
	-	1	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30469630	30470438	.
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SM_V9_PAR2	iris	CDS	30470476	30470857	.
	-	1	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30470891	30471136	.
	-	1	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30471173	30471261	.
	-	0	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30471294	30471329	.
	-	0	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30479175	30479214	.
	-	1	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30479256	30479352	.
	-	2	Parent=Smp_039640.1
SM_V9_PAR2	iris	CDS	30479385	30479550	.
	-	0	Parent=Smp_039640.1
SM_V9_PAR2	Liftoff	gene	30491112	30512140	.
	-	.	ID=Smp_039650;geneID=Smp_039650
SM_V9_PAR2	Liftoff	mRNA	30491112	30512140	.
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ID=Smp_039650.1;Parent=Smp_039650;geneID=Smp_039650;product=Disks
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4;polypeptide_domain=InterPro:IPR001478,IPR004172,IPR015143
Pfam:PF00595,PF09058;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    30491112        30491486        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30492554        30492724        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30498874        30499008        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30503712        30503814        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30505241        30505427        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30509405        30509471        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30511804        30511880        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30511914        30512045        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff exon    30512088        30512140        .
        -       .       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff CDS     30491292        30491486        .
        -       0       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff CDS     30492554        30492724        .
        -       0       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff CDS     30498874        30499008        .
        -       0       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff CDS     30503712        30503814        .
        -       1       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff CDS     30505241        30505427        .
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SM_V9_PAR2      Liftoff CDS     30509405        30509471        .
        -       0       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff CDS     30511804        30511880        .
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SM_V9_PAR2      Liftoff CDS     30511914        30512045        .
        -       2       Parent=Smp_039650.1
SM_V9_PAR2      Liftoff CDS     30512088        30512103        .
        -       0       Parent=Smp_039650.1
SM_V9_PAR2      iris    gene    30518354        30571635        .
        +       .
ID=Smp_143750;geneID=Smp_143750;gene_name=Smp_143750;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30518354        30571635        .
        +       .
ID=Smp_143750.1;Parent=Smp_143750;geneID=Smp_143750;gene_name=Smp_14
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ied=2022-07-19;Name=Smp_143750.1;product=CSC1-like protein
1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30518354        30518528        .
        +       .       Parent=Smp_143750.1;Name=1ff13afb-eefd-46d8-
a073-c4d5e8684fcc
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SM_V9_PAR2	iris	exon	30521384	30521538	.
	+	.	Parent=Smp_143750.1;Name=ce9291a5-4489-40d8-
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SM_V9_PAR2	iris	exon	30523245	30523306	.
	+	.	Parent=Smp_143750.1;Name=cfd7f374-
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SM_V9_PAR2	iris	exon	30526048	30526122	.
	+	.	Parent=Smp_143750.1;Name=59e2a0ec-814b-4c18-
be1d-998ae62dab6b
SM_V9_PAR2	iris	exon	30536006	30536145	.
	+	.	Parent=Smp_143750.1;Name=4f814723-f5d2-4282-
b45e-38683a7a108f
SM_V9_PAR2	iris	exon	30537327	30537375	.
	+	.	Parent=Smp_143750.1;Name=f49b8d3e-ea0f-4514-
af22-6c98cbfe623a
SM_V9_PAR2	iris	exon	30544041	30544350	.
	+	.
Parent=Smp_143750.1;Name=6f411c66-9ddc-41bd-9985-418aa0da1358
SM_V9_PAR2	iris	exon	30550216	30550298	.
	+	.	Parent=Smp_143750.1;Name=5010c69a-
efcb-4118-8c16-e5299cc29090
SM_V9_PAR2	iris	exon	30555825	30555905	.
	+	.	Parent=Smp_143750.1;Name=2256ad3e-df1a-441c-
a18a-7ecd568fef23
SM_V9_PAR2	iris	exon	30557703	30558017	.
	+	.	Parent=Smp_143750.1;Name=2b2cd1e4-3f06-4409-
b3d2-209c9f599c25
SM_V9_PAR2	iris	exon	30561095	30561274	.
	+	.	Parent=Smp_143750.1;Name=28389640-351e-46c0-
bf4c-6e890d1af570
SM_V9_PAR2	iris	exon	30562460	30562622	.
	+	.	Parent=Smp_143750.1;Name=0ffa4dd8-af60-4821-
af9b-c4c59b21cee0
SM_V9_PAR2	iris	exon	30563752	30563945	.
	+	.	Parent=Smp_143750.1;Name=cf932207-
f143-4607-952e-d911eca9bbcc
SM_V9_PAR2	iris	exon	30565025	30565274	.
	+	.
Parent=Smp_143750.1;Name=19e51efe-81ca-4e17-84e4-112a3a567aa1
SM_V9_PAR2	iris	exon	30567426	30567628	.
	+	.	Parent=Smp_143750.1;Name=ac072999-2146-4ba8-
ad99-8d3049ff9e8b
SM_V9_PAR2	iris	exon	30569693	30569990	.
	+	.
Parent=Smp_143750.1;Name=de0fadfc-2172-4943-947c-026e44363ae7
SM_V9_PAR2	iris	exon	30571131	30571635	.
	+	.
Parent=Smp_143750.1;Name=b89ce48b-5526-465a-8ec0-78776eab646f
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	+	0	Parent=Smp_143750.1
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	+	1	Parent=Smp_143750.1
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SM_V9_PAR2      iris    CDS     30544041        30544350        .
        +       1       Parent=Smp_143750.1
SM_V9_PAR2      iris    CDS     30550216        30550298        .
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SM_V9_PAR2      iris    CDS     30555825        30555905        .
        +       1       Parent=Smp_143750.1
SM_V9_PAR2      iris    CDS     30557703        30558017        .
        +       1       Parent=Smp_143750.1
SM_V9_PAR2      iris    CDS     30561095        30561274        .
        +       1       Parent=Smp_143750.1
SM_V9_PAR2      iris    CDS     30562460        30562622        .
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SM_V9_PAR2      iris    CDS     30563752        30563945        .
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SM_V9_PAR2      iris    CDS     30565025        30565274        .
        +       1       Parent=Smp_143750.1
SM_V9_PAR2      iris    CDS     30567426        30567628        .
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SM_V9_PAR2      iris    CDS     30569693        30569990        .
        +       1       Parent=Smp_143750.1
SM_V9_PAR2      iris    CDS     30571131        30571241        .
        +       0       Parent=Smp_143750.1
SM_V9_PAR2      Liftoff gene    30594894        30612417        .
        +       .       ID=Smp_039670;geneID=Smp_039670
SM_V9_PAR2      Liftoff mRNA    30594894        30607553        .
        +       .
ID=Smp_039670.1;Parent=Smp_039670;geneID=Smp_039670;product=Cyclin-
L2;polypeptide_domain=InterPro:IPR006671,IPR013763,IPR015429
Pfam:PF00134;Ontology_term=GO:0000079,GO:0006355,GO:0019901
SM_V9_PAR2      Liftoff exon    30594894        30595229        .
        +       .       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff exon    30595263        30595372        .
        +       .       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff exon    30595407        30595527        .
        +       .       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff exon    30595561        30595625        .
        +       .       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff exon    30599354        30600043        .
        +       .       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff exon    30602292        30607553        .
        +       .       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff CDS     30594936        30595229        .
        +       0       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff CDS     30595263        30595372        .
        +       0       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff CDS     30595407        30595527        .
        +       1       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff CDS     30595561        30595625        .
        +       0       Parent=Smp_039670.1
SM_V9_PAR2      Liftoff CDS     30599354        30600043        .
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        +       1       Parent=Smp_039670.1
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SM_V9_PAR2      Liftoff mRNA    30594894        30612417        .
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ID=Smp_039670.2;Parent=Smp_039670;geneID=Smp_039670;product=Cyclin-
L2;polypeptide_domain=InterPro:IPR006671,IPR013763,IPR015429
Pfam:PF00134;Ontology_term=GO:0000079,GO:0006355,GO:0019901
SM_V9_PAR2      Liftoff exon    30594894        30595229        .
        +       .       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff exon    30595263        30595372        .
        +       .       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff exon    30595407        30595527        .
        +       .       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff exon    30595561        30595625        .
        +       .       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff exon    30599354        30600043        .
        +       .       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff exon    30602292        30602927        .
        +       .       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff exon    30606621        30612417        .
        +       .       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff CDS     30594936        30595229        .
        +       0       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff CDS     30595263        30595372        .
        +       0       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff CDS     30595407        30595527        .
        +       1       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff CDS     30595561        30595625        .
        +       0       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff CDS     30599354        30600043        .
        +       1       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff CDS     30602292        30602927        .
        +       1       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff CDS     30606621        30606747        .
        +       1       Parent=Smp_039670.2
SM_V9_PAR2      Liftoff gene    30602773        30644391        .
        -       .       ID=Smp_143760;geneID=Smp_143760
SM_V9_PAR2      Liftoff mRNA    30602773        30644391        .
        -       .
ID=Smp_143760.1;Parent=Smp_143760;geneID=Smp_143760;product=DNA
repair protein
REV1;polypeptide_domain=InterPro:IPR001126,IPR001357,IPR017961,IPR03
1991
Pfam:PF00817,PF11799,PF16589,PF16727;Ontology_term=GO:0003684,GO:000
6281
SM_V9_PAR2      Liftoff exon    30602773        30603437        .
        -       .       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff exon    30603775        30604093        .
        -       .       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff exon    30604369        30604513        .
        -       .       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff exon    30605599        30605759        .
        -       .       Parent=Smp_143760.1
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SM_V9_PAR2	Liftoff	exon	30608213	30608343	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30609972	30610137	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30613445	30613522	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30614020	30614168	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30614260	30614711	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30615267	30615391	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30617722	30617773	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30618613	30618682	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30621594	30621981	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30629551	30629800	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30634209	30634278	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30635858	30635973	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30639847	30640015	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30640056	30640167	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	exon	30644282	30644391	.
	-	.	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30603205	30603437	.
	-	2	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30603775	30604093	.
	-	0	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30604369	30604513	.
	-	1	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30605599	30605759	.
	-	0	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30608213	30608343	.
	-	2	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30609972	30610137	.
	-	0	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30613445	30613522	.
	-	0	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30614020	30614168	.
	-	2	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30614260	30614711	.
	-	1	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30615267	30615391	.
	-	0	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30617722	30617773	.
	-	1	Parent=Smp_143760.1
SM_V9_PAR2	Liftoff	CDS	30618613	30618682	.
	-	2	Parent=Smp_143760.1
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SM_V9_PAR2      Liftoff CDS     30621594        30621981        .
        -       0       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff CDS     30629551        30629800        .
        -       1       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff CDS     30634209        30634278        .
        -       2       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff CDS     30635858        30635973        .
        -       1       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff CDS     30639847        30640015        .
        -       2       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff CDS     30640056        30640167        .
        -       0       Parent=Smp_143760.1
SM_V9_PAR2      Liftoff CDS     30644282        30644332        .
        -       0       Parent=Smp_143760.1
SM_V9_PAR2      iris    gene    30649346        30657016        .
        +       .
ID=Smp_143770;geneID=Smp_143770;gene_name=Smp_143770;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    30649346        30657016        .
        +       .
ID=Smp_143770.1;Parent=Smp_143770;geneID=Smp_143770;gene_name=Smp_14
3770;owner=irisadmin@local.host;orig_id=Smp_143770.1;date_last_modif
ied=2022-08-19;Name=Smp_143770.1;product=Ankyrin repeat domain-
containing protein 39;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    30649346        30649678        .
        +       .       Parent=Smp_143770.1;Name=f041c502-d8e2-4b03-
bc3e-a64be3ddfa34
SM_V9_PAR2      iris    exon    30653485        30653769        .
        +       .
Parent=Smp_143770.1;Name=0670c8a4-852f-4f15-8822-21bce0515d77
SM_V9_PAR2      iris    exon    30655659        30655883        .
        +       .       Parent=Smp_143770.1;Name=b0d3aa0c-
b2aa-4579-9726-5cfea263bbb8
SM_V9_PAR2      iris    exon    30655914        30656126        .
        +       .
Parent=Smp_143770.1;Name=738007c0-44a1-41c0-809a-b9b0a67ba33c
SM_V9_PAR2      iris    exon    30656500        30657016        .
        +       .
Parent=Smp_143770.1;Name=58d6ff86-5b06-4eca-882c-cc919cbb2baa
SM_V9_PAR2      iris    CDS     30655692        30655883        .
        +       0       Parent=Smp_143770.1
SM_V9_PAR2      iris    CDS     30655914        30656126        .
        +       0       Parent=Smp_143770.1
SM_V9_PAR2      iris    CDS     30656500        30656646        .
        +       0       Parent=Smp_143770.1
SM_V9_PAR2      iris    gene    30659295        30662746        .
        -       .
ID=Smp_143780;geneID=Smp_143780;gene_name=Smp_143780;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30659295        30662746        .
        -       .
ID=Smp_143780.1;Parent=Smp_143780;geneID=Smp_143780;gene_name=Smp_14
3780;owner=irisadmin@local.host;orig_id=Smp_143780.1;date_last_modif
ied=2022-07-19;Name=Smp_143780.1;product=Dynein light chain Tctex-
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type 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30659295        30659564        .
        -       .
Parent=Smp_143780.1;Name=f287b28e-822a-4672-8842-de5aed969c80
SM_V9_PAR2      iris    exon    30662299        30662376        .
        -       .       Parent=Smp_143780.1;Name=0587ca55-
c607-4700-9aef-78ac7fb1cd09
SM_V9_PAR2      iris    exon    30662413        30662536        .
        -       .       Parent=Smp_143780.1;Name=c3d3e4c4-2a3b-4d50-
b66f-df0cdffa33a1
SM_V9_PAR2      iris    exon    30662581        30662622        .
        -       .       Parent=Smp_143780.1;Name=8ecc0876-0686-4e0b-
b8f0-e99e8519aeb3
SM_V9_PAR2      iris    exon    30662659        30662746        .
        -       .
Parent=Smp_143780.1;Name=b13f9dfd-9046-40b6-9f96-d14ca6e417c5
SM_V9_PAR2      iris    CDS     30659494        30659564        .
        -       2       Parent=Smp_143780.1
SM_V9_PAR2      iris    CDS     30662299        30662376        .
        -       2       Parent=Smp_143780.1
SM_V9_PAR2      iris    CDS     30662413        30662536        .
        -       0       Parent=Smp_143780.1
SM_V9_PAR2      iris    CDS     30662581        30662622        .
        -       0       Parent=Smp_143780.1
SM_V9_PAR2      iris    CDS     30662659        30662685        .
        -       0       Parent=Smp_143780.1
SM_V9_PAR2      Liftoff gene    30672395        30672803        .
        +       .       ID=Smp_143790;geneID=Smp_143790
SM_V9_PAR2      Liftoff mRNA    30672395        30672803        .
        +       .
ID=Smp_143790.1;Parent=Smp_143790;geneID=Smp_143790;product=Patatin-
like phospholipase domain-containing protein 3
SM_V9_PAR2      Liftoff exon    30672395        30672403        .
        +       .       Parent=Smp_143790.1
SM_V9_PAR2      Liftoff exon    30672618        30672803        .
        +       .       Parent=Smp_143790.1
SM_V9_PAR2      Liftoff CDS     30672395        30672403        .
        +       0       Parent=Smp_143790.1
SM_V9_PAR2      Liftoff CDS     30672618        30672803        .
        +       0       Parent=Smp_143790.1
SM_V9_PAR2      iris    gene    30695224        30741935        .
        +       .
ID=Smp_244150;geneID=Smp_244150;gene_name=Smp_244150;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30695224        30741935        .
        +       .
ID=Smp_244150.1;Parent=Smp_244150;geneID=Smp_244150;gene_name=Smp_24
4150;owner=irisadmin@local.host;orig_id=Smp_244150.1;date_last_modif
ied=2022-07-19;Name=Smp_244150.1;product=Sodium- and chloride-
dependent GABA transporter 2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30695224        30695804        .
        +       .       Parent=Smp_244150.1;Name=be4c43ee-e0f5-406f-
a9e1-59da04938105
SM_V9_PAR2      iris    exon    30702051        30702182        .
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        +       .       Parent=Smp_244150.1;Name=f060b88c-
fdd4-4083-922c-66048bb3efdf
SM_V9_PAR2      iris    exon    30702264        30702504        .
        +       .
Parent=Smp_244150.1;Name=16af7c76-6708-44d5-99cf-3805291873da
SM_V9_PAR2      iris    exon    30706930        30707062        .
        +       .
Parent=Smp_244150.1;Name=60c0ef17-6e66-4162-8ee3-cb116571470f
SM_V9_PAR2      iris    exon    30711981        30712115        .
        +       .       Parent=Smp_244150.1;Name=a20ce975-08fe-4437-
aa3e-42ffa3179349
SM_V9_PAR2      iris    exon    30719955        30720058        .
        +       .       Parent=Smp_244150.1;Name=eb4c01bc-f4a0-4531-
b43e-e731037fae34
SM_V9_PAR2      iris    exon    30722737        30722974        .
        +       .       Parent=Smp_244150.1;Name=f90f876d-6b44-4dfc-
acd8-9fd0fe15f623
SM_V9_PAR2      iris    exon    30724322        30724459        .
        +       .       Parent=Smp_244150.1;Name=3f5394a8-2574-4001-
ae81-48c590e58f7c
SM_V9_PAR2      iris    exon    30729198        30729297        .
        +       .       Parent=Smp_244150.1;Name=77d232f2-
af3f-499d-8a1f-9cf7e7164153
SM_V9_PAR2      iris    exon    30732581        30732681        .
        +       .       Parent=Smp_244150.1;Name=d3bdd5ce-96bd-4811-
a600-63cd811f5362
SM_V9_PAR2      iris    exon    30733881        30734066        .
        +       .       Parent=Smp_244150.1;Name=08c88da9-7d9d-4827-
b005-39cf66d21969
SM_V9_PAR2      iris    exon    30738043        30738103        .
        +       .
Parent=Smp_244150.1;Name=21fbcc65-4294-4151-9a69-26675379baad
SM_V9_PAR2      iris    exon    30740897        30741935        .
        +       .
Parent=Smp_244150.1;Name=00ecb9d0-26e0-47ce-9794-c11ed6cfb17b
SM_V9_PAR2      iris    CDS     30695597        30695804        .
        +       0       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30702051        30702182        .
        +       2       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30702264        30702504        .
        +       2       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30706930        30707062        .
        +       1       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30711981        30712115        .
        +       0       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30719955        30720058        .
        +       0       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30722737        30722974        .
        +       1       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30724322        30724459        .
        +       0       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30729198        30729297        .
        +       0       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30732581        30732681        .
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        +       2       Parent=Smp_244150.1
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        +       0       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30738043        30738103        .
        +       0       Parent=Smp_244150.1
SM_V9_PAR2      iris    CDS     30740897        30741060        .
        +       2       Parent=Smp_244150.1
SM_V9_PAR2      iris    gene    30751178        30765922        .
        +       .
ID=Smp_244160;geneID=Smp_244160;gene_name=Smp_244160;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    30751178        30765922        .
        +       .
ID=Smp_244160.1;Parent=Smp_244160;geneID=Smp_244160;gene_name=Smp_24
4160;owner=irisadmin@local.host;orig_id=Smp_244160.1;date_last_modif
ied=2022-08-19;Name=Smp_244160.1;product=Dynein light chain Tctex-
type 1;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    30751178        30751283        .
        +       .       Parent=Smp_244160.1;Name=45df355a-
f679-476c-800a-c9fc93fef121
SM_V9_PAR2      iris    exon    30762536        30762577        .
        +       .       Parent=Smp_244160.1;Name=f38adf85-791a-4955-
aa02-697d2d7177d9
SM_V9_PAR2      iris    exon    30762630        30762753        .
        +       .
Parent=Smp_244160.1;Name=28d2895c-4bda-4e0c-8b65-2f1ed0fd11c4
SM_V9_PAR2      iris    exon    30762815        30762892        .
        +       .       Parent=Smp_244160.1;Name=d6291f48-aecd-4119-
a318-07e1c7d43d75
SM_V9_PAR2      iris    exon    30765646        30765922        .
        +       .       Parent=Smp_244160.1;Name=7c172597-00e0-490d-
ab9e-6d930fd05ba0
SM_V9_PAR2      iris    CDS     30751248        30751283        .
        +       0       Parent=Smp_244160.1
SM_V9_PAR2      iris    CDS     30762536        30762577        .
        +       0       Parent=Smp_244160.1
SM_V9_PAR2      iris    CDS     30762630        30762753        .
        +       0       Parent=Smp_244160.1
SM_V9_PAR2      iris    CDS     30762815        30762892        .
        +       2       Parent=Smp_244160.1
SM_V9_PAR2      iris    CDS     30765646        30765716        .
        +       2       Parent=Smp_244160.1
SM_V9_PAR2      Liftoff gene    30781494        30803502        .
        +       .       ID=Smp_143810;geneID=Smp_143810
SM_V9_PAR2      Liftoff mRNA    30781494        30803502        .
        +       .
ID=Smp_143810.1;Parent=Smp_143810;geneID=Smp_143810;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    30781494        30792754        .
        +       .       Parent=Smp_143810.1
SM_V9_PAR2      Liftoff exon    30795296        30795388        .
        +       .       Parent=Smp_143810.1
SM_V9_PAR2      Liftoff exon    30797381        30797530        .
        +       .       Parent=Smp_143810.1
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SM_V9_PAR2      Liftoff exon    30802275        30803502        .
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SM_V9_PAR2      Liftoff CDS     30792211        30792754        .
        +       0       Parent=Smp_143810.1
SM_V9_PAR2      Liftoff CDS     30795296        30795388        .
        +       2       Parent=Smp_143810.1
SM_V9_PAR2      Liftoff CDS     30797381        30797530        .
        +       2       Parent=Smp_143810.1
SM_V9_PAR2      Liftoff CDS     30802275        30803044        .
        +       2       Parent=Smp_143810.1
SM_V9_PAR2      Liftoff gene    30833534        30837258        .
        +       .       ID=Smp_324120;geneID=Smp_324120
SM_V9_PAR2      Liftoff mRNA    30833534        30837258        .
        +       .
ID=Smp_324120.1;Parent=Smp_324120;geneID=Smp_324120;product=Replicat
ion protein E1
SM_V9_PAR2      Liftoff exon    30833534        30837258        .
        +       .       Parent=Smp_324120.1
SM_V9_PAR2      Liftoff CDS     30834970        30835170        .
        +       0       Parent=Smp_324120.1
SM_V9_PAR2      Liftoff gene    30838084        30859589        .
        +       .
ID=Smp_343660;geneID=Smp_343660;previous_systematic_id=Smp_143820
SM_V9_PAR2      Liftoff mRNA    30838084        30859589        .
        +       .
ID=Smp_343660.1;Parent=Smp_343660;geneID=Smp_343660;product=D-2-
hydroxyglutarate dehydrogenase, mitochondrial
SM_V9_PAR2      Liftoff exon    30838084        30851913        .
        +       .       Parent=Smp_343660.1
SM_V9_PAR2      Liftoff exon    30855273        30855466        .
        +       .       Parent=Smp_343660.1
SM_V9_PAR2      Liftoff exon    30859148        30859589        .
        +       .       Parent=Smp_343660.1
SM_V9_PAR2      Liftoff CDS     30851874        30851913        .
        +       0       Parent=Smp_343660.1
SM_V9_PAR2      Liftoff CDS     30855273        30855466        .
        +       2       Parent=Smp_343660.1
SM_V9_PAR2      Liftoff CDS     30859148        30859546        .
        +       0       Parent=Smp_343660.1
SM_V9_PAR2      iris    gene    30894047        30931840        .
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ID=Smp_143830;geneID=Smp_143830;gene_name=Smp_143830;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    30894047        30931840        .
        -       .
ID=Smp_143830.1;Parent=Smp_143830;geneID=Smp_143830;gene_name=Smp_14
3830;owner=irisadmin@local.host;orig_id=Smp_143830.2;date_last_modif
ied=2022-07-19;Name=Smp_143830.1;product=Long-chain fatty acid
transport protein 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    30894047        30895463        .
        -       .       Parent=Smp_143830.1;Name=b289c0cd-32c5-4cc2-
b636-c5fd00f3b115
SM_V9_PAR2      iris    exon    30906347        30906679        .
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Parent=Smp_143830.1;Name=85c6dfcf-2967-4668-9deb-d4b2b30f84f9
SM_V9_PAR2      iris    exon    30909729        30909996        .
        -       .       Parent=Smp_143830.1;Name=5ddfd950-0c5f-42a5-
a6a0-1cab3ed0468c
SM_V9_PAR2      iris    exon    30912562        30912771        .
        -       .       Parent=Smp_143830.1;Name=2a323820-c672-432b-
bfce-b2057f92ce82
SM_V9_PAR2      iris    exon    30924894        30925118        .
        -       .       Parent=Smp_143830.1;Name=195e8adb-fb85-4274-
a4da-345433a336ec
SM_V9_PAR2      iris    exon    30926504        30926848        .
        -       .       Parent=Smp_143830.1;Name=c1d76bdd-dd1d-491a-
a06f-25a1ffbef417
SM_V9_PAR2      iris    exon    30929868        30930147        .
        -       .       Parent=Smp_143830.1;Name=395674d8-
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SM_V9_PAR2      iris    exon    30931591        30931840        .
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SM_V9_PAR2      iris    CDS     30931591        30931766        .
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SM_V9_PAR2      Liftoff mRNA    30938385        30949405        .
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and glutamate-rich protein 1-A;polypeptide_domain=InterPro:IPR033371
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SM_V9_PAR2      Liftoff exon    30938385        30938585        .
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SM_V9_PAR2      Liftoff exon    30944667        30944750        .
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SM_V9_PAR2      Liftoff exon    30945889        30946114        .
        -       .       Parent=Smp_039740.1
SM_V9_PAR2      Liftoff exon    30948950        30949093        .
        -       .       Parent=Smp_039740.1
SM_V9_PAR2      Liftoff exon    30949131        30949405        .
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SM_V9_PAR2      Liftoff CDS     30949131        30949351        .
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SM_V9_PAR2      Liftoff exon    30975631        30975753        .
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SM_V9_PAR2      Liftoff exon    30979374        30979598        .
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SM_V9_PAR2      Liftoff exon    30983666        30983829        .
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SM_V9_PAR2      Liftoff exon    30986665        30986811        .
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SM_V9_PAR2      Liftoff exon    30996564        30996833        .
        -       .       Parent=Smp_039750.2
SM_V9_PAR2      Liftoff exon    31001634        31001735        .
        -       .       Parent=Smp_039750.2
SM_V9_PAR2      Liftoff exon    31006641        31007100        .
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SM_V9_PAR2      Liftoff CDS     30969329        30969508        .
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SM_V9_PAR2      Liftoff CDS     30970750        30970951        .
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SM_V9_PAR2      Liftoff CDS     30972532        30972659        .
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SM_V9_PAR2      Liftoff CDS     30975631        30975753        .
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SM_V9_PAR2      Liftoff CDS     30981438        30981738        .
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SM_V9_PAR2      Liftoff CDS     30986665        30986811        .
        -       0       Parent=Smp_039750.2
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        -       0       Parent=Smp_039750.2
SM_V9_PAR2      Liftoff CDS     30994302        30994424        .
        -       0       Parent=Smp_039750.2
SM_V9_PAR2      Liftoff CDS     30996564        30996833        .
        -       0       Parent=Smp_039750.2
SM_V9_PAR2      Liftoff CDS     31001634        31001735        .
        -       0       Parent=Smp_039750.2
SM_V9_PAR2      Liftoff CDS     31006641        31006862        .
        -       0       Parent=Smp_039750.2
SM_V9_PAR2      Liftoff mRNA    30967055        31007100        .
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form;polypeptide_domain=InterPro:IPR000811,IPR011833,IPR035090
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SM_V9_PAR2      Liftoff exon    30967055        30969508        .
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SM_V9_PAR2      Liftoff exon    30975631        30975753        .
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SM_V9_PAR2      Liftoff exon    30979374        30979598        .
        -       .       Parent=Smp_039750.3
SM_V9_PAR2      Liftoff exon    30981438        30981738        .
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SM_V9_PAR2      Liftoff exon    30983666        30983829        .
        -       .       Parent=Smp_039750.3
SM_V9_PAR2      Liftoff exon    30986665        30986811        .
        -       .       Parent=Smp_039750.3
SM_V9_PAR2      Liftoff exon    30992875        30993030        .
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SM_V9_PAR2      Liftoff exon    30994302        30994424        .
        -       .       Parent=Smp_039750.3
SM_V9_PAR2      Liftoff exon    30996564        30996833        .
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SM_V9_PAR2      Liftoff exon    30996933        30997115        .
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SM_V9_PAR2      Liftoff exon    31001634        31001735        .
        -       .       Parent=Smp_039750.3
SM_V9_PAR2      Liftoff exon    31006641        31006819        .
        -       .       Parent=Smp_039750.3
SM_V9_PAR2      Liftoff exon    31006856        31007100        .
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SM_V9_PAR2      Liftoff CDS     30969329        30969508        .
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SM_V9_PAR2      Liftoff CDS     30970750        30970951        .
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SM_V9_PAR2      Liftoff CDS     30975631        30975753        .
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SM_V9_PAR2      Liftoff CDS     30979374        30979598        .
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SM_V9_PAR2      Liftoff CDS     30981438        30981738        .
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SM_V9_PAR2      Liftoff CDS     30983666        30983829        .
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SM_V9_PAR2      Liftoff CDS     30986665        30986811        .
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SM_V9_PAR2      Liftoff CDS     30992875        30993030        .
        -       0       Parent=Smp_039750.3
SM_V9_PAR2      Liftoff CDS     30994302        30994424        .
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form;polypeptide_domain=InterPro:IPR000811,IPR011833,IPR035090
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SM_V9_PAR2      Liftoff exon    30972532        30972659        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    30975631        30975753        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    30979374        30979598        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    30981438        30981738        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    30983666        30983829        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    30986665        30986811        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    30992875        30993030        .
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SM_V9_PAR2      Liftoff exon    30994302        30994424        .
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        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    31001634        31001735        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff exon    31006641        31007100        .
        -       .       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff CDS     30969329        30969508        .
        -       0       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff CDS     30970750        30970951        .
        -       1       Parent=Smp_039750.1
SM_V9_PAR2      Liftoff CDS     30972532        30972659        .
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SM_V9_PAR2      Liftoff CDS     30975631        30975753        .
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SM_V9_PAR2      Liftoff CDS     30979374        30979598        .
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SM_V9_PAR2      Liftoff CDS     30981438        30981738        .
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SM_V9_PAR2      Liftoff CDS     30983666        30983829        .
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SM_V9_PAR2      Liftoff CDS     30986665        30986811        .
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SM_V9_PAR2      Liftoff CDS     30994302        30994424        .
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SM_V9_PAR2      Liftoff CDS     31006641        31006862        .
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Pfam:PF00343;Ontology_term=GO:0004645,GO:0005975,GO:0008184,GO:00301
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SM_V9_PAR2      Liftoff exon    31015243        31015425        .
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SM_V9_PAR2      Liftoff exon    31016652        31016921        .
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SM_V9_PAR2	Liftoff	exon	31019602	31019748	.
	+	.	Parent=Smp_143840.1
SM_V9_PAR2	Liftoff	exon	31021411	31021574	.
	+	.	Parent=Smp_143840.1
SM_V9_PAR2	Liftoff	exon	31023527	31023830	.
	+	.	Parent=Smp_143840.1
SM_V9_PAR2	Liftoff	exon	31024680	31024904	.
	+	.	Parent=Smp_143840.1
SM_V9_PAR2	Liftoff	exon	31025727	31025849	.
	+	.	Parent=Smp_143840.1
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SM_V9_PAR2	Liftoff	exon	31031057	31031258	.
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SM_V9_PAR2	Liftoff	CDS	31018188	31018346	.
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SM_V9_PAR2	Liftoff	CDS	31019602	31019748	.
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SM_V9_PAR2	Liftoff	CDS	31023527	31023830	.
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SM_V9_PAR2	Liftoff	CDS	31025727	31025849	.
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SM_V9_PAR2	Liftoff	CDS	31031057	31031258	.
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ID=Smp_143860.1;Parent=Smp_143860;geneID=Smp_143860;product=Hypothet
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protein;polypeptide_domain=InterPro:IPR004245,IPR017849,IPR017850
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SM_V9_PAR2      Liftoff exon    31037825        31038328        .
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SM_V9_PAR2      Liftoff exon    31052944        31053238        .
        -       .       Parent=Smp_143860.1
SM_V9_PAR2      Liftoff exon    31058254        31064490        .
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SM_V9_PAR2      Liftoff CDS     31035709        31036116        .
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SM_V9_PAR2      Liftoff CDS     31037825        31038328        .
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SM_V9_PAR2      Liftoff CDS     31052944        31053238        .
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SM_V9_PAR2      Liftoff CDS     31058254        31059422        .
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SM_V9_PAR2      Liftoff mRNA    31056945        31064490        .
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SM_V9_PAR2      Liftoff exon    31056945        31057177        .
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SM_V9_PAR2      Liftoff exon    31058254        31064490        .
        -       .       Parent=Smp_143860.2
SM_V9_PAR2      Liftoff CDS     31057138        31057177        .
        -       1       Parent=Smp_143860.2
SM_V9_PAR2      Liftoff CDS     31058254        31059422        .
        -       0       Parent=Smp_143860.2
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SM_V9_PAR2      Liftoff mRNA    31215948        31216417        .
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SM_V9_PAR2      Liftoff CDS     31216009        31216365        .
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SM_V9_PAR2      Liftoff mRNA    31279455        31338055        .
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SM_V9_PAR2      Liftoff exon    31317050        31317121        .
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SM_V9_PAR2      Liftoff exon    31323012        31323819        .
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SM_V9_PAR2      Liftoff CDS     31311327        31311557        .
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SM_V9_PAR2      Liftoff CDS     31317050        31317121        .
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SM_V9_PAR2      Liftoff CDS     31323012        31323819        .
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SM_V9_PAR2      Liftoff CDS     31334306        31334340        .
        +       2       Parent=Smp_039810.1
SM_V9_PAR2      iris    gene    31342432        31363701        .
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ID=Smp_039820;geneID=Smp_039820;gene_name=Smp_039820;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    31342432        31363701        .
        -       .
ID=Smp_039820.1;Parent=Smp_039820;geneID=Smp_039820;gene_name=Smp_03
9820;owner=irisadmin@local.host;orig_id=Smp_039820.1;date_last_modif
ied=2022-07-19;Name=Smp_039820.1;product=Cysteine protease
ATG4B;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    31342432        31343521        .
        -       .       Parent=Smp_039820.1;Name=c1903dab-dd94-47d6-
afb3-4f1cc1255260
SM_V9_PAR2      iris    exon    31345400        31346003        .
        -       .
Parent=Smp_039820.1;Name=ef24605b-33b6-4c33-8282-7930b0a5edad
SM_V9_PAR2      iris    exon    31347338        31347755        .
        -       .       Parent=Smp_039820.1;Name=bb7e552b-5185-4e54-
baf4-2ffabba64bf9
SM_V9_PAR2      iris    exon    31349667        31349910        .
        -       .       Parent=Smp_039820.1;Name=61fa6ebb-76a7-42e6-
ae74-b98029a723c3
SM_V9_PAR2      iris    exon    31355879        31355958        .
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Parent=Smp_039820.1;Name=b3b86251-8839-47aa-8882-b8a59115a43b
SM_V9_PAR2      iris    exon    31356762        31356834        .
        -       .       Parent=Smp_039820.1;Name=7d9b078e-f830-470c-
ab20-aec63e725db8
SM_V9_PAR2      iris    exon    31358314        31358412        .
        -       .       Parent=Smp_039820.1;Name=85721bc8-b15a-4cda-
a0d3-6e11dbef59fd
SM_V9_PAR2      iris    exon    31359613        31359786        .
        -       .
Parent=Smp_039820.1;Name=28f5a7ed-5952-459d-9c0b-70b2de2c792f
SM_V9_PAR2      iris    exon    31363435        31363533        .
        -       .       Parent=Smp_039820.1;Name=5c65f3a6-
e7d8-49b9-9fa1-47a1e7b67002
SM_V9_PAR2      iris    exon    31363570        31363701        .
        -       .       Parent=Smp_039820.1;Name=6cb9de52-d9cb-4f69-
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SM_V9_PAR2      iris    CDS     31343499        31343521        .
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SM_V9_PAR2      iris    CDS     31345400        31346003        .
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SM_V9_PAR2      iris    CDS     31349667        31349910        .
        -       2       Parent=Smp_039820.1
SM_V9_PAR2      iris    CDS     31355879        31355958        .
        -       1       Parent=Smp_039820.1
SM_V9_PAR2      iris    CDS     31356762        31356834        .
        -       2       Parent=Smp_039820.1
SM_V9_PAR2      iris    CDS     31358314        31358412        .
        -       2       Parent=Smp_039820.1
SM_V9_PAR2      iris    CDS     31359613        31359786        .
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SM_V9_PAR2      iris    CDS     31363435        31363533        .
        -       2       Parent=Smp_039820.1
SM_V9_PAR2      iris    CDS     31363570        31363588        .
        -       0       Parent=Smp_039820.1
SM_V9_PAR2      Liftoff gene    31373108        31373491        .
        -       .       ID=Smp_324130;geneID=Smp_324130
SM_V9_PAR2      Liftoff mRNA    31373108        31373491        .
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ID=Smp_324130.1;Parent=Smp_324130;geneID=Smp_324130;product=Histone
H2A deubiquitinase MYSM1
SM_V9_PAR2      Liftoff exon    31373108        31373491        .
        -       .       Parent=Smp_324130.1
SM_V9_PAR2      Liftoff CDS     31373186        31373413        .
        -       0       Parent=Smp_324130.1
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        +       .       ID=Smp_306920;geneID=Smp_306920
SM_V9_PAR2      Liftoff mRNA    31383195        31384832        .
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ID=Smp_306920.1;Parent=Smp_306920;geneID=Smp_306920;product=CTP
synthase
SM_V9_PAR2      Liftoff exon    31383195        31384832        .
        +       .       Parent=Smp_306920.1
SM_V9_PAR2      Liftoff CDS     31383218        31383676        .
        +       0       Parent=Smp_306920.1
SM_V9_PAR2      Liftoff gene    31395945        31397191        .
        -       .       ID=Smp_306930;geneID=Smp_306930
SM_V9_PAR2      Liftoff mRNA    31395945        31397191        .
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ID=Smp_306930.1;Parent=Smp_306930;geneID=Smp_306930;product=CTP
synthase
SM_V9_PAR2      Liftoff exon    31395945        31397191        .
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SM_V9_PAR2      Liftoff CDS     31396705        31397163        .
        -       0       Parent=Smp_306930.1
SM_V9_PAR2      Liftoff gene    31426078        31478470        .
        -       .       ID=Smp_039870;geneID=Smp_039870
SM_V9_PAR2      Liftoff mRNA    31426078        31478470        .
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ID=Smp_039870.1;Parent=Smp_039870;geneID=Smp_039870;product=Vasodila
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phosphoprotein;polypeptide_domain=InterPro:IPR000697,IPR011993,IPR01
4885 Pfam:PF00568,PF08776
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SM_V9_PAR2      Liftoff exon    31429720        31429904        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff exon    31433060        31433256        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff exon    31450484        31450973        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff exon    31454728        31454898        .
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SM_V9_PAR2      Liftoff exon    31466104        31466200        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff exon    31472909        31473134        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff exon    31475406        31475849        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff exon    31476747        31476912        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff exon    31478244        31478470        .
        -       .       Parent=Smp_039870.1
SM_V9_PAR2      Liftoff CDS     31427853        31427884        .
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SM_V9_PAR2      Liftoff CDS     31429720        31429904        .
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SM_V9_PAR2      Liftoff CDS     31433060        31433256        .
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SM_V9_PAR2      Liftoff CDS     31454728        31454898        .
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SM_V9_PAR2      Liftoff CDS     31472909        31473134        .
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SM_V9_PAR2      Liftoff CDS     31475406        31475849        .
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SM_V9_PAR2      Liftoff CDS     31478244        31478248        .
        -       0       Parent=Smp_039870.1
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        +       .       ID=Smp_143900;geneID=Smp_143900
SM_V9_PAR2      Liftoff mRNA    31496940        31498367        .
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ID=Smp_143900.1;Parent=Smp_143900;geneID=Smp_143900;product=Hypothet
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        +       .       Parent=Smp_143900.1
SM_V9_PAR2      Liftoff CDS     31497007        31498236        .
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SM_V9_PAR2      Liftoff gene    31513196        31533221        .
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ID=Smp_324150.1;Parent=Smp_324150;geneID=Smp_324150;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    31513196        31514536        .
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SM_V9_PAR2      Liftoff exon    31514614        31515765        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31518995        31520307        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31520341        31521979        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31522036        31523673        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31523718        31524073        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31524106        31524822        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31524954        31525690        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31527596        31528252        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31528583        31529734        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31529892        31529899        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff exon    31530066        31533221        .
        -       .       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff CDS     31513396        31514536        .
        -       1       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff CDS     31514614        31515765        .
        -       1       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff CDS     31518995        31520307        .
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SM_V9_PAR2      Liftoff CDS     31520341        31521979        .
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SM_V9_PAR2      Liftoff CDS     31522036        31523673        .
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SM_V9_PAR2      Liftoff CDS     31523718        31524073        .
        -       0       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff CDS     31524106        31524822        .
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SM_V9_PAR2      Liftoff CDS     31524954        31525690        .
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SM_V9_PAR2      Liftoff CDS     31527596        31528252        .
        -       2       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff CDS     31528583        31529734        .
        -       2       Parent=Smp_324150.1
SM_V9_PAR2      Liftoff CDS     31529892        31529899        .
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SM_V9_PAR2      Liftoff CDS     31530066        31533193        .
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SM_V9_PAR2      Liftoff mRNA    31533816        31535011        .
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ID=Smp_324160.1;Parent=Smp_324160;geneID=Smp_324160;product=Hypothet
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SM_V9_PAR2      Liftoff exon    31533816        31533958        .
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SM_V9_PAR2      Liftoff exon    31534122        31535011        .
        -       .       Parent=Smp_324160.1
SM_V9_PAR2      Liftoff CDS     31533880        31533958        .
        -       1       Parent=Smp_324160.1
SM_V9_PAR2      Liftoff CDS     31534122        31534936        .
        -       0       Parent=Smp_324160.1
SM_V9_PAR2      Liftoff gene    31541675        31543463        .
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ID=Smp_335190;geneID=Smp_335190;previous_systematic_id=Smp_139640
SM_V9_PAR2      Liftoff mRNA    31541675        31543463        .
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ID=Smp_335190.1;Parent=Smp_335190;geneID=Smp_335190;product=Circumsp
orozoite protein
SM_V9_PAR2      Liftoff exon    31541675        31543463        .
        +       .       Parent=Smp_335190.1
SM_V9_PAR2      Liftoff CDS     31542102        31543355        .
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SM_V9_PAR2      iris    gene    31639929        31656422        .
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ID=Smp_032280.1;Parent=Smp_032280;geneID=Smp_032280;gene_name=Smp_03
2280;owner=irisadmin@local.host;orig_id=Smp_032280.1;date_last_modif
ied=2022-07-19;Name=Smp_032280.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    31639929        31645080        .
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Parent=Smp_032280.1;Name=74cd347b-6fa2-424a-983b-e0a0804f175c
SM_V9_PAR2      iris    exon    31649521        31650993        .
        -       .       Parent=Smp_032280.1;Name=d33fa078-c37c-4939-
aa25-8533f743f6e4
SM_V9_PAR2      iris    exon    31655122        31656422        .
        -       .       Parent=Smp_032280.1;Name=bd15650c-
ac51-4861-91d4-0e84ff8cb151
SM_V9_PAR2      iris    CDS     31643714        31645080        .
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SM_V9_PAR2      iris    CDS     31649521        31650993        .
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SM_V9_PAR2      iris    CDS     31655122        31656166        .
        -       0       Parent=Smp_032280.1
SM_V9_PAR2      Liftoff gene    31731418        31744408        .
        +       .       ID=Smp_139650;geneID=Smp_139650
SM_V9_PAR2      Liftoff mRNA    31731418        31744408        .
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ID=Smp_139650.1;Parent=Smp_139650;geneID=Smp_139650;product=Hypothet
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70
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SM_V9_PAR2      Liftoff exon    31737671        31737753        .
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SM_V9_PAR2      Liftoff exon    31743647        31744408        .
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SM_V9_PAR2      Liftoff CDS     31733504        31734196        .
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SM_V9_PAR2      Liftoff CDS     31737671        31737753        .
        +       2       Parent=Smp_139650.1
SM_V9_PAR2      Liftoff CDS     31739315        31739734        .
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SM_V9_PAR2      iris    gene    31746409        31765554        .
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ID=Smp_203970.1;Parent=Smp_203970;geneID=Smp_203970;gene_name=Smp_20
3970;owner=irisadmin@local.host;orig_id=Smp_203970.1;date_last_modif
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calcium channel;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    31746409        31746698        .
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bfbc-24a7e2b407d5
SM_V9_PAR2      iris    exon    31748196        31748340        .
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bb16-a02f747c8118
SM_V9_PAR2      iris    exon    31750356        31750423        .
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SM_V9_PAR2      iris    exon    31750464        31750510        .
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SM_V9_PAR2      iris    exon    31750553        31750612        .
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SM_V9_PAR2      iris    exon    31750651        31750728        .
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SM_V9_PAR2      iris    exon    31750776        31750865        .
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Parent=Smp_203970.1;Name=c1c84ea4-52fa-4e68-842f-c7214e03fe21
SM_V9_PAR2      iris    CDS     31746624        31746698        .
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SM_V9_PAR2      iris    CDS     31750464        31750510        .
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SM_V9_PAR2      iris    CDS     31750553        31750612        .
        -       2       Parent=Smp_203970.1
SM_V9_PAR2      iris    CDS     31750651        31750728        .
        -       2       Parent=Smp_203970.1
SM_V9_PAR2      iris    CDS     31750776        31750836        .
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ID=Smp_032310.1;Parent=Smp_032310;geneID=Smp_032310;product=Actin-
related protein 2/3 complex subunit
3;polypeptide_domain=InterPro:IPR007204
Pfam:PF04062;Ontology_term=GO:0005856,GO:0005885,GO:0030833,GO:00343
14
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SM_V9_PAR2      Liftoff CDS     31781683        31781688        .
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SM_V9_PAR2      Liftoff CDS     31783390        31783566        .
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SM_V9_PAR2      Liftoff CDS     31790244        31790471        .
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SM_V9_PAR2      Liftoff CDS     31798871        31798936        .
        +       0       Parent=Smp_032310.1
SM_V9_PAR2      iris    gene    31801327        31802914        .
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ID=Smp_032320;geneID=Smp_032320;gene_name=Smp_032320;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    31801327        31802914        .
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2320;owner=irisadmin@local.host;orig_id=Smp_032320.2;date_last_modif
ied=2022-07-31;Name=Smp_032320.2;product=Serine/arginine-rich
splicing factor 10;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    31801327        31801712        .
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ff29-4990-8528-a3d493a73974
SM_V9_PAR2      iris    exon    31801747        31801828        .
        -       .       Parent=Smp_032320.2;Name=e3bb703a-9440-4dd6-
adfb-187f8f66eadb
SM_V9_PAR2      iris    exon    31802049        31802152        .
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Parent=Smp_032320.2;Name=35f184f0-7696-4c18-8f64-964982de028f
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        -       .       Parent=Smp_032320.2;Name=fbd120bd-a3e6-46b4-
b1ca-22ba80c7c9dc
SM_V9_PAR2      iris    exon    31802831        31802914        .
        -       .       Parent=Smp_032320.2;Name=6d4d2920-d719-4046-
a493-ccf37bf98c2b
SM_V9_PAR2      iris    CDS     31801424        31801712        .
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SM_V9_PAR2      iris    CDS     31801747        31801828        .
        -       2       Parent=Smp_032320.2
SM_V9_PAR2      iris    CDS     31802049        31802152        .
        -       1       Parent=Smp_032320.2
SM_V9_PAR2      iris    CDS     31802688        31802792        .
        -       1       Parent=Smp_032320.2
SM_V9_PAR2      iris    CDS     31802831        31802883        .
        -       0       Parent=Smp_032320.2
SM_V9_PAR2      Liftoff gene    31809020        31814074        .
        -       .       ID=Smp_139680;geneID=Smp_139680
SM_V9_PAR2      Liftoff mRNA    31809020        31814074        .
        -       .
ID=Smp_139680.1;Parent=Smp_139680;geneID=Smp_139680;product=Retinol
dehydrogenase 11;polypeptide_domain=InterPro:IPR002347,IPR016040
Pfam:PF00106
SM_V9_PAR2      Liftoff exon    31809020        31809313        .
        -       .       Parent=Smp_139680.1
SM_V9_PAR2      Liftoff exon    31811296        31811763        .
        -       .       Parent=Smp_139680.1
SM_V9_PAR2      Liftoff exon    31813671        31814074        .
        -       .       Parent=Smp_139680.1
SM_V9_PAR2      Liftoff CDS     31809086        31809313        .
        -       0       Parent=Smp_139680.1
SM_V9_PAR2      Liftoff CDS     31811296        31811763        .
        -       0       Parent=Smp_139680.1
SM_V9_PAR2      Liftoff CDS     31813671        31813958        .
        -       0       Parent=Smp_139680.1
SM_V9_PAR2      iris    gene    31821005        31828800        .
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ID=Smp_120070;geneID=Smp_120070;gene_name=Smp_120070;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-31
SM_V9_PAR2      iris    mRNA    31821005        31828800        .
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ied=2022-07-31;Name=Smp_120070.1;product=Retinol dehydrogenase
11;date_creation=2022-07-31
SM_V9_PAR2      iris    exon    31821005        31821451        .
        -       .       Parent=Smp_120070.1;Name=4ace5cf3-ecbe-40ac-
a5b9-176f1b88e638
SM_V9_PAR2      iris    exon    31823692        31824159        .
        -       .       Parent=Smp_120070.1;Name=0048efcb-
c962-4870-8560-42603e5c7382
SM_V9_PAR2      iris    exon    31828354        31828800        .
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Parent=Smp_120070.1;Name=a1d3b502-79c7-478e-82cc-07e05b1810c1
SM_V9_PAR2      iris    CDS     31821236        31821451        .
        -       0       Parent=Smp_120070.1
SM_V9_PAR2      iris    CDS     31823692        31824159        .
        -       0       Parent=Smp_120070.1
SM_V9_PAR2      iris    CDS     31828354        31828641        .
        -       0       Parent=Smp_120070.1
SM_V9_PAR2      iris    gene    31833854        31845062        .
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ID=Smp_203950;geneID=Smp_203950;gene_name=Smp_203950;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    31833854        31845062        .
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ied=2022-07-19;Name=Smp_203950.1;product=Retinol dehydrogenase
11;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    31833854        31834288        .
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Parent=Smp_203950.1;Name=85e958fb-7008-4fca-9f20-bd51abfa7686
SM_V9_PAR2      iris    exon    31839804        31840271        .
        -       .       Parent=Smp_203950.1;Name=9c2ce88c-3d74-441d-
adb5-70e2e60af4c1
SM_V9_PAR2      iris    exon    31844752        31845062        .
        -       .
Parent=Smp_203950.1;Name=789ea32d-6f1d-4e57-911f-ed6051000cbd
SM_V9_PAR2      iris    CDS     31834073        31834288        .
        -       0       Parent=Smp_203950.1
SM_V9_PAR2      iris    CDS     31839804        31840271        .
        -       0       Parent=Smp_203950.1
SM_V9_PAR2      iris    CDS     31844752        31845039        .
        -       0       Parent=Smp_203950.1
SM_V9_PAR2      Liftoff gene    31860578        31867253        .
        +       .
ID=Smp_309700;geneID=Smp_309700;previous_systematic_id=Smp_139700
SM_V9_PAR2      Liftoff mRNA    31860578        31867253        .
        +       .
ID=Smp_309700.1;Parent=Smp_309700;geneID=Smp_309700;product=Retinol
dehydrogenase 12;polypeptide_domain=InterPro:IPR002347,IPR016040
Pfam:PF00106
SM_V9_PAR2      Liftoff exon    31860578        31861355        .
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SM_V9_PAR2      Liftoff exon    31863664        31864131        .
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SM_V9_PAR2      Liftoff exon    31866787        31867253        .
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SM_V9_PAR2      Liftoff CDS     31861068        31861355        .
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SM_V9_PAR2      Liftoff CDS     31863664        31864131        .
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SM_V9_PAR2      Liftoff CDS     31866787        31867008        .
        +       0       Parent=Smp_309700.1
SM_V9_PAR2      Liftoff gene    31874391        31877764        .
        -       .       ID=Smp_032370;geneID=Smp_032370
SM_V9_PAR2      Liftoff mRNA    31874391        31877764        .
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dehydrogenase 11;polypeptide_domain=InterPro:IPR002347,IPR016040
Pfam:PF00106
SM_V9_PAR2      Liftoff exon    31874391        31874716        .
        -       .       Parent=Smp_032370.1
SM_V9_PAR2      Liftoff exon    31875362        31875829        .
        -       .       Parent=Smp_032370.1
SM_V9_PAR2      Liftoff exon    31877308        31877764        .
        -       .       Parent=Smp_032370.1
SM_V9_PAR2      Liftoff CDS     31874501        31874716        .
        -       0       Parent=Smp_032370.1
SM_V9_PAR2      Liftoff CDS     31875362        31875829        .
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SM_V9_PAR2      Liftoff CDS     31877308        31877607        .
        -       0       Parent=Smp_032370.1
SM_V9_PAR2      Liftoff gene    31891973        31910491        .
        +       .       ID=Smp_306960;geneID=Smp_306960
SM_V9_PAR2      Liftoff mRNA    31891973        31910491        .
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ID=Smp_306960.1;Parent=Smp_306960;geneID=Smp_306960;product=Retinol
dehydrogenase 13;polypeptide_domain=InterPro:IPR002347,IPR016040
Pfam:PF00106
SM_V9_PAR2      Liftoff exon    31891973        31892359        .
        +       .       Parent=Smp_306960.1
SM_V9_PAR2      Liftoff exon    31895565        31895725        .
        +       .       Parent=Smp_306960.1
SM_V9_PAR2      Liftoff exon    31896992        31897170        .
        +       .       Parent=Smp_306960.1
SM_V9_PAR2      Liftoff exon    31907284        31907574        .
        +       .       Parent=Smp_306960.1
SM_V9_PAR2      Liftoff exon    31909053        31909520        .
        +       .       Parent=Smp_306960.1
SM_V9_PAR2      Liftoff exon    31910166        31910491        .
        +       .       Parent=Smp_306960.1
SM_V9_PAR2      Liftoff CDS     31892052        31892359        .
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SM_V9_PAR2      Liftoff CDS     31895565        31895725        .
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SM_V9_PAR2      Liftoff CDS     31896992        31897170        .
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SM_V9_PAR2      Liftoff CDS     31909053        31909520        .
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SM_V9_PAR2      Liftoff CDS     31910166        31910381        .
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SM_V9_PAR2      Liftoff gene    31915907        31921549        .
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ID=Smp_306970;geneID=Smp_306970;previous_systematic_id=Smp_139700
SM_V9_PAR2      Liftoff mRNA    31915907        31921549        .
        -       .
ID=Smp_306970.1;Parent=Smp_306970;geneID=Smp_306970;product=Retinol
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Pfam:PF00106
SM_V9_PAR2      Liftoff exon    31915907        31916232        .
        -       .       Parent=Smp_306970.1
SM_V9_PAR2      Liftoff exon    31919106        31919573        .
        -       .       Parent=Smp_306970.1
SM_V9_PAR2      Liftoff exon    31921155        31921549        .
        -       .       Parent=Smp_306970.1
SM_V9_PAR2      Liftoff CDS     31916017        31916232        .
        -       0       Parent=Smp_306970.1
SM_V9_PAR2      Liftoff CDS     31919106        31919573        .
        -       0       Parent=Smp_306970.1
SM_V9_PAR2      Liftoff CDS     31921155        31921454        .
        -       0       Parent=Smp_306970.1
SM_V9_PAR2      Liftoff gene    31924701        31960774        .
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ID=Smp_243930;geneID=Smp_243930;previous_systematic_id=Smp_139710,Sm
p_179850,Smp_203940
SM_V9_PAR2      Liftoff mRNA    31924701        31960774        .
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ID=Smp_243930.1;Parent=Smp_243930;geneID=Smp_243930;product=Zinc
finger protein
DZIP1L;polypeptide_domain=InterPro:IPR013087,IPR032714
Pfam:PF13815;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    31924701        31925349        .
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SM_V9_PAR2      Liftoff exon    31927374        31927658        .
        -       .       Parent=Smp_243930.1
SM_V9_PAR2      Liftoff exon    31928929        31929089        .
        -       .       Parent=Smp_243930.1
SM_V9_PAR2      Liftoff exon    31930833        31931219        .
        -       .       Parent=Smp_243930.1
SM_V9_PAR2      Liftoff exon    31935654        31935982        .
        -       .       Parent=Smp_243930.1
SM_V9_PAR2      Liftoff exon    31937058        31937317        .
        -       .       Parent=Smp_243930.1
SM_V9_PAR2      Liftoff exon    31939185        31939482        .
        -       .       Parent=Smp_243930.1
SM_V9_PAR2      Liftoff exon    31942097        31942137        .
        -       .       Parent=Smp_243930.1
SM_V9_PAR2      Liftoff exon    31944137        31944242        .
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SM_V9_PAR2	Liftoff	exon	31946012	31946176	.
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SM_V9_PAR2	Liftoff	exon	31947584	31947934	.
	-	.	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	exon	31951486	31951551	.
	-	.	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	exon	31952988	31953059	.
	-	.	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	exon	31954432	31954529	.
	-	.	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	exon	31954854	31960774	.
	-	.	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31925273	31925349	.
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SM_V9_PAR2	Liftoff	CDS	31927374	31927658	.
	-	2	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31928929	31929089	.
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SM_V9_PAR2	Liftoff	CDS	31930833	31931219	.
	-	1	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31935654	31935982	.
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SM_V9_PAR2	Liftoff	CDS	31937058	31937317	.
	-	2	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31939185	31939482	.
	-	0	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31942097	31942137	.
	-	2	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31944137	31944242	.
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SM_V9_PAR2	Liftoff	CDS	31947584	31947934	.
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SM_V9_PAR2	Liftoff	CDS	31951486	31951551	.
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SM_V9_PAR2	Liftoff	CDS	31952988	31953059	.
	-	0	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31954432	31954529	.
	-	2	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	CDS	31954854	31954968	.
	-	0	Parent=Smp_243930.1
SM_V9_PAR2	Liftoff	gene	31972418	31983012	.
	+	.	ID=Smp_139720;geneID=Smp_139720
SM_V9_PAR2	Liftoff	mRNA	31972418	31983012	.
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ID=Smp_139720.1;Parent=Smp_139720;geneID=Smp_139720;product=Zinc
transporter SLC39A7;polypeptide_domain=InterPro:IPR003689
Pfam:PF02535;Ontology_term=GO:0016020,GO:0030001,GO:0046873,GO:00550
85
SM_V9_PAR2	Liftoff	exon	31972418	31972571	.
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SM_V9_PAR2	Liftoff	exon	31975346	31975821	.
	+	.	Parent=Smp_139720.1
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SM_V9_PAR2      Liftoff exon    31976347        31976424        .
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SM_V9_PAR2      Liftoff exon    31978969        31979093        .
        +       .       Parent=Smp_139720.1
SM_V9_PAR2      Liftoff exon    31981130        31983012        .
        +       .       Parent=Smp_139720.1
SM_V9_PAR2      Liftoff CDS     31972450        31972571        .
        +       0       Parent=Smp_139720.1
SM_V9_PAR2      Liftoff CDS     31975346        31975821        .
        +       1       Parent=Smp_139720.1
SM_V9_PAR2      Liftoff CDS     31976347        31976424        .
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SM_V9_PAR2      Liftoff CDS     31978969        31979093        .
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SM_V9_PAR2      Liftoff CDS     31981130        31981480        .
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SM_V9_PAR2      iris    gene    31988930        32025164        .
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ID=Smp_243950;geneID=Smp_243950;gene_name=Smp_243950;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    31988930        32025164        .
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ID=Smp_243950.1;Parent=Smp_243950;geneID=Smp_243950;gene_name=Smp_24
3950;owner=irisadmin@local.host;orig_id=Smp_243950.1;date_last_modif
ied=2022-07-19;Name=Smp_243950.1;product=Intraflagellar transport
protein 81 homolog;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    31988930        31989223        .
        -       .       Parent=Smp_243950.1;Name=ef295144-6a5e-4f26-
bfec-f381f0ff5b49
SM_V9_PAR2      iris    exon    31990950        31991239        .
        -       .       Parent=Smp_243950.1;Name=65f0d8b6-e253-4d94-
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SM_V9_PAR2      iris    exon    31997440        31997595        .
        -       .       Parent=Smp_243950.1;Name=fa285363-c5ee-4718-
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SM_V9_PAR2      iris    exon    32003985        32004197        .
        -       .       Parent=Smp_243950.1;Name=998b4408-9fe3-42ce-
a744-9197a3962fdd
SM_V9_PAR2      iris    exon    32006265        32006561        .
        -       .
Parent=Smp_243950.1;Name=91de7b47-1779-4c73-8f9e-ef0900e019a6
SM_V9_PAR2      iris    exon    32011603        32011766        .
        -       .
Parent=Smp_243950.1;Name=41ac7d4a-2d93-417c-9bc0-cca6e951a491
SM_V9_PAR2      iris    exon    32018880        32018964        .
        -       .       Parent=Smp_243950.1;Name=77093acb-
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SM_V9_PAR2      iris    exon    32022028        32022138        .
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aaa4-f7a7bd8c49b9
SM_V9_PAR2      iris    exon    32024298        32024453        .
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Parent=Smp_243950.1;Name=00dbabbc-070c-4f04-94b3-998ee1a1ee72
SM_V9_PAR2      iris    exon    32024491        32024671        .
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SM_V9_PAR2      iris    exon    32024709        32024812        .
        -       .
Parent=Smp_243950.1;Name=65da6d96-5212-4cc0-8860-77f50858f1c7
SM_V9_PAR2      iris    exon    32024851        32025164        .
        -       .       Parent=Smp_243950.1;Name=d73c5541-ef66-4aa5-
a59b-7ada4286cafe
SM_V9_PAR2      iris    CDS     31988986        31989223        .
        -       1       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     31990950        31991239        .
        -       0       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     31997440        31997595        .
        -       0       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     32003985        32004197        .
        -       0       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     32006265        32006561        .
        -       0       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     32011603        32011766        .
        -       2       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     32018880        32018964        .
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SM_V9_PAR2      iris    CDS     32022028        32022138        .
        -       0       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     32024298        32024453        .
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SM_V9_PAR2      iris    CDS     32024491        32024671        .
        -       1       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     32024709        32024812        .
        -       0       Parent=Smp_243950.1
SM_V9_PAR2      iris    CDS     32024851        32024994        .
        -       0       Parent=Smp_243950.1
SM_V9_PAR2      iris    gene    32039926        32046121        .
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ID=Smp_032420;geneID=Smp_032420;gene_name=Smp_032420;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    32039926        32046121        .
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ID=Smp_032420.1;Parent=Smp_032420;geneID=Smp_032420;gene_name=Smp_03
2420;owner=irisadmin@local.host;orig_id=Smp_032420.1;date_last_modif
ied=2022-08-19;Name=Smp_032420.1;product=Presenilins-associated
rhomboid-like protein, mitochondrial;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    32039926        32040000        .
        +       .       Parent=Smp_032420.1;Name=bd53a6a4-d498-4d57-
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SM_V9_PAR2      iris    exon    32041927        32042168        .
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Parent=Smp_032420.1;Name=772e4be2-3663-44f5-90f4-575c3f80f299
SM_V9_PAR2      iris    exon    32042203        32042263        .
        +       .       Parent=Smp_032420.1;Name=5a892be9-2e84-406b-
ab6d-709ce073cf33
SM_V9_PAR2      iris    exon    32042305        32042397        .
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Parent=Smp_032420.1;Name=08200453-4348-4d31-92d8-244034920b14
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SM_V9_PAR2	iris	exon	32044641	32044926	.
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SM_V9_PAR2	iris	exon	32045843	32046121	.
	+	.	Parent=Smp_032420.1;Name=3b75753c-bc83-432a-
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SM_V9_PAR2	iris	CDS	32039949	32040000	.
	+	0	Parent=Smp_032420.1
SM_V9_PAR2	iris	CDS	32041927	32042168	.
	+	2	Parent=Smp_032420.1
SM_V9_PAR2	iris	CDS	32042203	32042263	.
	+	0	Parent=Smp_032420.1
SM_V9_PAR2	iris	CDS	32042305	32042397	.
	+	2	Parent=Smp_032420.1
SM_V9_PAR2	iris	CDS	32043379	32043528	.
	+	2	Parent=Smp_032420.1
SM_V9_PAR2	iris	CDS	32044641	32044926	.
	+	2	Parent=Smp_032420.1
SM_V9_PAR2	iris	CDS	32045843	32045948	.
	+	1	Parent=Smp_032420.1
SM_V9_PAR2	iris	gene	32047648	32136027	.
	-	.
ID=Smp_243960;geneID=Smp_243960;gene_name=Smp_243960;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	32047648	32136027	.
	-	.
ID=Smp_243960.1;Parent=Smp_243960;geneID=Smp_243960;gene_name=Smp_24
3960;owner=irisadmin@local.host;orig_id=Smp_243960.1;date_last_modif
ied=2022-07-19;Name=Smp_243960.1;product=Signal-induced
proliferation-associated 1-like protein 2;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	32047648	32048027	.
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Parent=Smp_243960.1;Name=11d18309-20a2-478b-804a-89ff62d83910
SM_V9_PAR2	iris	exon	32050879	32051149	.
	-	.	Parent=Smp_243960.1;Name=ce23db15-
a6c9-4848-9c21-c28817d82539
SM_V9_PAR2	iris	exon	32052588	32052922	.
	-	.	Parent=Smp_243960.1;Name=5ef76a67-c159-4a8c-
bfc9-324a23110aa0
SM_V9_PAR2	iris	exon	32056503	32056570	.
	-	.	Parent=Smp_243960.1;Name=20523994-8dce-4484-
a502-dee74ee7b83a
SM_V9_PAR2	iris	exon	32058046	32058136	.
	-	.	Parent=Smp_243960.1;Name=66e62086-
d032-4020-8db4-7bafe27a38a3
SM_V9_PAR2	iris	exon	32061296	32061530	.
	-	.	Parent=Smp_243960.1;Name=dec5ffb0-e9ea-4486-
b1b3-14c47a0c0625
SM_V9_PAR2	iris	exon	32065492	32066459	.
	-	.	Parent=Smp_243960.1;Name=34dde916-3733-46ce-
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SM_V9_PAR2      iris    exon    32076046        32076184        .
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Parent=Smp_243960.1;Name=7810a920-6a02-4a8c-8a61-84a76c1b6247
SM_V9_PAR2      iris    exon    32079167        32079782        .
        -       .       Parent=Smp_243960.1;Name=fa474604-
e4d0-4f8d-9ac1-c06b3c4f8b53
SM_V9_PAR2      iris    exon    32081597        32081728        .
        -       .       Parent=Smp_243960.1;Name=1432fac2-e5ba-485d-
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SM_V9_PAR2      iris    exon    32088910        32089016        .
        -       .       Parent=Smp_243960.1;Name=742b6a9d-9bcb-483e-
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SM_V9_PAR2      iris    exon    32093139        32093317        .
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Parent=Smp_243960.1;Name=5466f301-65b5-47ee-9ca4-e69c26fe6f89
SM_V9_PAR2      iris    exon    32094973        32095076        .
        -       .       Parent=Smp_243960.1;Name=c94918e9-685f-4599-
a9f4-661a3c3c0f69
SM_V9_PAR2      iris    exon    32099323        32099421        .
        -       .       Parent=Smp_243960.1;Name=dd28a408-3cf2-47b5-
b88d-ec9cd6b1b6d9
SM_V9_PAR2      iris    exon    32117124        32117199        .
        -       .       Parent=Smp_243960.1;Name=1f032211-eeb9-47f7-
b280-c82df45a5221
SM_V9_PAR2      iris    exon    32127763        32128224        .
        -       .       Parent=Smp_243960.1;Name=53e091e7-
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SM_V9_PAR2      iris    exon    32132394        32132662        .
        -       .
Parent=Smp_243960.1;Name=89afbdab-4f07-4918-9562-b27997aeccb4
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        -       .       Parent=Smp_243960.1;Name=f6c842da-2c10-4029-
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SM_V9_PAR2      iris    CDS     32047728        32048027        .
        -       0       Parent=Smp_243960.1
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        -       0       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32056503        32056570        .
        -       2       Parent=Smp_243960.1
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        -       0       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32061296        32061530        .
        -       1       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32065492        32066459        .
        -       0       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32076046        32076184        .
        -       1       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32079167        32079782        .
        -       2       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32081597        32081728        .
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SM_V9_PAR2      iris    CDS     32088910        32089016        .
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        -       0       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32094973        32095076        .
        -       2       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32099323        32099421        .
        -       2       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32117124        32117199        .
        -       0       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32127763        32128224        .
        -       0       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32132394        32132662        .
        -       2       Parent=Smp_243960.1
SM_V9_PAR2      iris    CDS     32135144        32135609        .
        -       0       Parent=Smp_243960.1
SM_V9_PAR2      Liftoff gene    32152087        32198432        .
        -       .       ID=Smp_139760;geneID=Smp_139760
SM_V9_PAR2      Liftoff mRNA    32152087        32198432        .
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chain;polypeptide_domain=InterPro:IPR002151,IPR011990,IPR011991,IPR0
13026,IPR019734
Pfam:PF13424;Ontology_term=GO:0003777,GO:0005515,GO:0005871
SM_V9_PAR2      Liftoff exon    32152087        32152797        .
        -       .       Parent=Smp_139760.1
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SM_V9_PAR2      Liftoff exon    32171266        32171672        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff exon    32172509        32172598        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff exon    32183221        32183304        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff exon    32192122        32192223        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff exon    32192743        32192830        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff exon    32193365        32193851        .
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SM_V9_PAR2      Liftoff exon    32196980        32197088        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff exon    32197127        32197261        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff exon    32197301        32198432        .
        -       .       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff CDS     32152783        32152797        .
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SM_V9_PAR2      Liftoff CDS     32163696        32163888        .
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SM_V9_PAR2      Liftoff CDS     32171266        32171672        .
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SM_V9_PAR2      Liftoff CDS     32172509        32172598        .
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SM_V9_PAR2      Liftoff CDS     32183221        32183304        .
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SM_V9_PAR2      Liftoff CDS     32192122        32192223        .
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SM_V9_PAR2      Liftoff CDS     32193365        32193851        .
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SM_V9_PAR2      Liftoff CDS     32196980        32197088        .
        -       0       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff CDS     32197127        32197261        .
        -       0       Parent=Smp_139760.1
SM_V9_PAR2      Liftoff CDS     32197301        32197540        .
        -       0       Parent=Smp_139760.1
SM_V9_PAR2      iris    gene    32217186        32237103        .
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SM_V9_PAR2      iris    mRNA    32217186        32237103        .
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3970;owner=irisadmin@local.host;orig_id=Smp_243970.2;date_last_modif
ied=2022-07-19;Name=Smp_243970.1;product=Glypican-6;date_creation=20
22-07-19
SM_V9_PAR2      iris    exon    32217186        32217489        .
        +       .       Parent=Smp_243970.1;Name=cc2250e0-
ff2f-4100-829e-a912f0d212c8
SM_V9_PAR2      iris    exon    32217529        32217905        .
        +       .       Parent=Smp_243970.1;Name=c7953183-ce77-41b2-
b3fb-aa284fb5e960
SM_V9_PAR2      iris    exon    32219711        32220061        .
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Parent=Smp_243970.1;Name=03f6075d-621c-4d8e-924e-229ba7e95832
SM_V9_PAR2      iris    exon    32221860        32222149        .
        +       .       Parent=Smp_243970.1;Name=c5ee4395-dc8e-442e-
bb5c-379da6de5e53
SM_V9_PAR2      iris    exon    32232982        32233129        .
        +       .       Parent=Smp_243970.1;Name=403637f6-6323-4b39-
a2e0-6528c0421cfa
SM_V9_PAR2      iris    exon    32234889        32235270        .
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Parent=Smp_243970.1;Name=18d958cb-829c-460e-9c29-d27e57c21da6
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ae7f-9f73713c51b7
SM_V9_PAR2      iris    CDS     32217270        32217489        .
        +       0       Parent=Smp_243970.1
SM_V9_PAR2      iris    CDS     32217529        32217905        .
        +       2       Parent=Smp_243970.1
SM_V9_PAR2      iris    CDS     32219711        32220061        .
        +       0       Parent=Smp_243970.1
SM_V9_PAR2      iris    CDS     32221860        32222149        .
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SM_V9_PAR2      iris    CDS     32232982        32233129        .
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SM_V9_PAR2      iris    CDS     32236590        32236795        .
        +       2       Parent=Smp_243970.1
SM_V9_PAR2      Liftoff gene    32309016        32335840        .
        +       .       ID=Smp_032480;geneID=Smp_032480
SM_V9_PAR2      Liftoff mRNA    32309016        32335840        .
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subunit
SA-2;polypeptide_domain=InterPro:IPR011989,IPR013721,IPR016024,IPR02
0839 Pfam:PF08514;Ontology_term=GO:0005488
SM_V9_PAR2      Liftoff exon    32309016        32309181        .
        +       .       Parent=Smp_032480.1
SM_V9_PAR2      Liftoff exon    32309413        32309647        .
        +       .       Parent=Smp_032480.1
SM_V9_PAR2      Liftoff exon    32314868        32315413        .
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SM_V9_PAR2      Liftoff exon    32315886        32316056        .
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SM_V9_PAR2      Liftoff exon    32317195        32317442        .
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SM_V9_PAR2      Liftoff exon    32317696        32317954        .
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SM_V9_PAR2      Liftoff exon    32318768        32319101        .
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SM_V9_PAR2      Liftoff exon    32320316        32320535        .
        +       .       Parent=Smp_032480.1
SM_V9_PAR2      Liftoff exon    32321152        32321358        .
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SM_V9_PAR2      Liftoff exon    32321482        32321805        .
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SM_V9_PAR2      Liftoff exon    32322715        32322891        .
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SM_V9_PAR2      Liftoff exon    32327252        32327500        .
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SM_V9_PAR2      Liftoff exon    32331622        32331903        .
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SM_V9_PAR2      Liftoff exon    32332427        32332670        .
        +       .       Parent=Smp_032480.1
SM_V9_PAR2      Liftoff exon    32334501        32334675        .
        +       .       Parent=Smp_032480.1
SM_V9_PAR2      Liftoff exon    32334796        32335840        .
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SM_V9_PAR2      Liftoff CDS     32309143        32309181        .
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SM_V9_PAR2      Liftoff CDS     32309413        32309647        .
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SM_V9_PAR2      Liftoff CDS     32315886        32316056        .
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SM_V9_PAR2      Liftoff CDS     32334501        32334675        .
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SM_V9_PAR2      Liftoff mRNA    32336726        32376813        .
        -       .
ID=Smp_032490.1;Parent=Smp_032490;geneID=Smp_032490;product=Protein
Spindly
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        -       .       Parent=Smp_032490.1
SM_V9_PAR2      Liftoff exon    32341923        32342188        .
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SM_V9_PAR2      Liftoff exon    32348039        32348124        .
        -       .       Parent=Smp_032490.1
SM_V9_PAR2      Liftoff exon    32353249        32353389        .
        -       .       Parent=Smp_032490.1
SM_V9_PAR2      Liftoff exon    32354460        32354570        .
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SM_V9_PAR2      Liftoff exon    32357251        32357352        .
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SM_V9_PAR2      Liftoff exon    32358354        32358542        .
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SM_V9_PAR2      Liftoff CDS     32336988        32337169        .
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SM_V9_PAR2      Liftoff CDS     32341923        32342188        .
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SM_V9_PAR2      Liftoff CDS     32348039        32348124        .
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SM_V9_PAR2      Liftoff CDS     32353249        32353389        .
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SM_V9_PAR2      Liftoff CDS     32354460        32354570        .
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SM_V9_PAR2      Liftoff CDS     32357251        32357352        .
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SM_V9_PAR2      Liftoff CDS     32358354        32358542        .
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SM_V9_PAR2      Liftoff CDS     32359791        32360099        .
        -       0       Parent=Smp_032490.1
SM_V9_PAR2      Liftoff CDS     32363568        32363573        .
        -       0       Parent=Smp_032490.1
SM_V9_PAR2      iris    gene    32381567        32400891        .
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ID=Smp_032500;geneID=Smp_032500;gene_name=Smp_032500;owner=irisadmin
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ID=Smp_032500.1;Parent=Smp_032500;geneID=Smp_032500;gene_name=Smp_03
2500;owner=irisadmin@local.host;orig_id=Smp_032500.1;date_last_modif
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SM_V9_PAR2      iris    exon    32381567        32381722        .
        +       .       Parent=Smp_032500.1;Name=881f2615-418e-40d0-
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Parent=Smp_032500.1;Name=4cd2d911-46b2-4a81-97fe-275e0737e2bb
SM_V9_PAR2      iris    exon    32381960        32382129        .
        +       .       Parent=Smp_032500.1;Name=9ceeace8-551a-4dab-
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SM_V9_PAR2      iris    exon    32382162        32382339        .
        +       .       Parent=Smp_032500.1;Name=25c8b208-
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SM_V9_PAR2      iris    exon    32385650        32385805        .
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Parent=Smp_032500.1;Name=1c0f25fa-1742-4f09-965f-bed112d8b885
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        +       .       Parent=Smp_032500.1;Name=375e89ac-b869-4af1-
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SM_V9_PAR2      iris    exon    32389251        32389541        .
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	+	.	Parent=Smp_032500.1;Name=2c632b06-5c3e-40b0-
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SM_V9_PAR2	iris	exon	32392071	32392286	.
	+	.
Parent=Smp_032500.1;Name=43ba81c9-5f20-48d9-94c7-3542a36ce18a
SM_V9_PAR2	iris	exon	32392908	32393177	.
	+	.	Parent=Smp_032500.1;Name=4a26e2c6-ad64-4296-
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SM_V9_PAR2	iris	exon	32397824	32397979	.
	+	.
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SM_V9_PAR2	iris	exon	32399397	32399520	.
	+	.
Parent=Smp_032500.1;Name=cfd2071d-0418-4a4c-816e-050a8e1e1403
SM_V9_PAR2	iris	exon	32400653	32400891	.
	+	.	Parent=Smp_032500.1;Name=9d708c73-e426-4c31-
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SM_V9_PAR2	iris	CDS	32381603	32381722	.
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SM_V9_PAR2	iris	CDS	32381757	32381921	.
	+	0	Parent=Smp_032500.1
SM_V9_PAR2	iris	CDS	32381960	32382129	.
	+	0	Parent=Smp_032500.1
SM_V9_PAR2	iris	CDS	32382162	32382339	.
	+	1	Parent=Smp_032500.1
SM_V9_PAR2	iris	CDS	32385650	32385805	.
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SM_V9_PAR2	iris	CDS	32388198	32388492	.
	+	0	Parent=Smp_032500.1
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SM_V9_PAR2	iris	CDS	32390468	32390558	.
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SM_V9_PAR2	iris	CDS	32392071	32392286	.
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SM_V9_PAR2	Liftoff	gene	32425399	32448373	.
	-	.	ID=Smp_032510;geneID=Smp_032510
SM_V9_PAR2	Liftoff	mRNA	32425399	32448373	.
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-5;polypeptide_domain=InterPro:IPR001494,IPR011989,IPR016024,IPR0211
33,IPR032682,IPR034085
Pfam:PF12717;Ontology_term=GO:0005488,GO:0006886,GO:0008536
SM_V9_PAR2	Liftoff	exon	32425399	32426303	.
	-	.	Parent=Smp_032510.1
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SM_V9_PAR2      Liftoff exon    32428086        32428451        .
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SM_V9_PAR2      Liftoff exon    32434234        32434401        .
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SM_V9_PAR2      Liftoff exon    32434933        32435226        .
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SM_V9_PAR2      Liftoff exon    32436136        32436271        .
        -       .       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff exon    32436362        32436579        .
        -       .       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff exon    32436666        32436873        .
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SM_V9_PAR2      Liftoff exon    32438252        32438424        .
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SM_V9_PAR2      Liftoff exon    32439231        32439544        .
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SM_V9_PAR2      Liftoff exon    32439799        32440114        .
        -       .       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff exon    32441930        32442058        .
        -       .       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff exon    32443600        32443904        .
        -       .       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff exon    32444573        32444765        .
        -       .       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff exon    32448080        32448160        .
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SM_V9_PAR2      Liftoff exon    32448195        32448373        .
        -       .       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32426217        32426303        .
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        -       0       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32428693        32429010        .
        -       0       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32434234        32434401        .
        -       0       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32434933        32435226        .
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SM_V9_PAR2      Liftoff CDS     32436136        32436271        .
        -       1       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32436362        32436579        .
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SM_V9_PAR2      Liftoff CDS     32436666        32436873        .
        -       1       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32438252        32438424        .
        -       0       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32439231        32439544        .
        -       2       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32439799        32440114        .
        -       0       Parent=Smp_032510.1
SM_V9_PAR2      Liftoff CDS     32441930        32442058        .
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SM_V9_PAR2	Liftoff	CDS	32443600	32443904	.
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SM_V9_PAR2	Liftoff	CDS	32444573	32444765	.
	-	0	Parent=Smp_032510.1
SM_V9_PAR2	Liftoff	CDS	32448080	32448160	.
	-	0	Parent=Smp_032510.1
SM_V9_PAR2	Liftoff	CDS	32448195	32448272	.
	-	0	Parent=Smp_032510.1
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	+	.
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	32463449	32470654	.
	+	.
ID=Smp_032520.1;Parent=Smp_032520;geneID=Smp_032520;gene_name=Smp_03
2520;owner=irisadmin@local.host;orig_id=Smp_032520.1;date_last_modif
ied=2022-08-19;Name=Smp_032520.1;product=Lysosome-associated
membrane glycoprotein 2;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	32463449	32463692	.
	+	.	Parent=Smp_032520.1;Name=b97f7f4c-
c826-4ad8-9a9a-315fee61b16f
SM_V9_PAR2	iris	exon	32463764	32463935	.
	+	.	Parent=Smp_032520.1;Name=638788b7-1e7e-40ac-
a502-5d633a760b52
SM_V9_PAR2	iris	exon	32463970	32464094	.
	+	.	Parent=Smp_032520.1;Name=2b7fa913-b012-4498-
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SM_V9_PAR2	iris	exon	32465018	32465234	.
	+	.	Parent=Smp_032520.1;Name=60316006-e080-4c3e-
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SM_V9_PAR2	iris	exon	32465473	32465661	.
	+	.	Parent=Smp_032520.1;Name=0e5686c9-
c8d6-4c6f-975e-14633d5583f4
SM_V9_PAR2	iris	exon	32469908	32470654	.
	+	.
Parent=Smp_032520.1;Name=f3bf6eb7-15aa-4c8a-80ee-a1c322d2910e
SM_V9_PAR2	iris	CDS	32463902	32463935	.
	+	0	Parent=Smp_032520.1
SM_V9_PAR2	iris	CDS	32463970	32464094	.
	+	2	Parent=Smp_032520.1
SM_V9_PAR2	iris	CDS	32465018	32465234	.
	+	0	Parent=Smp_032520.1
SM_V9_PAR2	iris	CDS	32465473	32465661	.
	+	2	Parent=Smp_032520.1
SM_V9_PAR2	iris	CDS	32469908	32470074	.
	+	2	Parent=Smp_032520.1
SM_V9_PAR2	Liftoff	gene	32522970	32524099	.
	+	.	ID=Smp_161880;geneID=Smp_161880
SM_V9_PAR2	Liftoff	mRNA	32522970	32524099	.
	+	.
ID=Smp_161880.1;Parent=Smp_161880;geneID=Smp_161880;product=ATP-
dependent 6-phosphofructokinase subunit alpha
SM_V9_PAR2	Liftoff	exon	32522970	32523109	.
	+	.	Parent=Smp_161880.1
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SM_V9_PAR2      Liftoff exon    32524069        32524099        .
        +       .       Parent=Smp_161880.1
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SM_V9_PAR2      Liftoff CDS     32524069        32524099        .
        +       1       Parent=Smp_161880.1
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p_161890
SM_V9_PAR2      Liftoff mRNA    32562070        32662265        .
        -       .
ID=Smp_243900.1;Parent=Smp_243900;geneID=Smp_243900;product=Innexin
unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_PAR2      Liftoff exon    32562070        32565133        .
        -       .       Parent=Smp_243900.1
SM_V9_PAR2      Liftoff exon    32585176        32586451        .
        -       .       Parent=Smp_243900.1
SM_V9_PAR2      Liftoff exon    32609043        32609390        .
        -       .       Parent=Smp_243900.1
SM_V9_PAR2      Liftoff exon    32661348        32662265        .
        -       .       Parent=Smp_243900.1
SM_V9_PAR2      Liftoff CDS     32564479        32565133        .
        -       1       Parent=Smp_243900.1
SM_V9_PAR2      Liftoff CDS     32585176        32586451        .
        -       2       Parent=Smp_243900.1
SM_V9_PAR2      Liftoff CDS     32609043        32609390        .
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SM_V9_PAR2      Liftoff CDS     32661348        32661357        .
        -       0       Parent=Smp_243900.1
SM_V9_PAR2      iris    gene    32696891        32796980        .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    32696891        32796980        .
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ID=Smp_306980.1;Parent=Smp_306980;geneID=Smp_306980;gene_name=Smp_30
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ied=2022-07-19;Name=Smp_306980.1;product=Innexin
unc-9;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    32696891        32701224        .
        -       .
Parent=Smp_306980.1;Name=10a0bcec-8572-40a8-9728-b9a4ebf6241e
SM_V9_PAR2      iris    exon    32738478        32739117        .
        -       .       Parent=Smp_306980.1;Name=00c05e06-f35e-4e4e-
b100-bbc64cfe0e10
SM_V9_PAR2      iris    exon    32795563        32796980        .
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b629-fdcf01b11661
SM_V9_PAR2      iris    CDS     32700816        32701224        .
        -       1       Parent=Smp_306980.1
SM_V9_PAR2      iris    CDS     32738478        32739117        .
        -       2       Parent=Smp_306980.1
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SM_V9_PAR2	iris	CDS	32795563	32795737	.
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ied=2022-08-19;Name=Smp_335200.1;product=Uncharacterized protein
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SM_V9_PAR2	iris	exon	32807965	32808084	.
	-	.	Parent=Smp_335200.1;Name=f2599dff-
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SM_V9_PAR2	iris	exon	32890026	32890545	.
	-	.	Parent=Smp_335200.1;Name=b02e13b2-8304-4555-
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SM_V9_PAR2	iris	CDS	32800718	32800825	.
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	-	.	Parent=Smp_073390.1;Name=bbfc1d71-a72c-4144-
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SM_V9_PAR2	iris	exon	32973587	32973658	.
	-	.	Parent=Smp_073390.1;Name=374d0e7d-
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SM_V9_PAR2      iris    CDS     32975437        32975641        .
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SM_V9_PAR2      iris    CDS     32982566        32982723        .
        -       2       Parent=Smp_073390.1
SM_V9_PAR2      iris    CDS     32982762        32982834        .
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SM_V9_PAR2      Liftoff exon    33009875        33010125        .
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SM_V9_PAR2      Liftoff CDS     32991749        32991891        .
        -       2       Parent=Smp_073400.1
SM_V9_PAR2      Liftoff CDS     32996263        32996457        .
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SM_V9_PAR2      Liftoff CDS     33007157        33007397        .
        -       0       Parent=Smp_073400.1
SM_V9_PAR2      Liftoff CDS     33009875        33010033        .
        -       0       Parent=Smp_073400.1
SM_V9_PAR2      Liftoff gene    33019760        33024907        .
        +       .       ID=Smp_073410;geneID=Smp_073410
SM_V9_PAR2      Liftoff mRNA    33019760        33024907        .
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ID=Smp_073410.1;Parent=Smp_073410;geneID=Smp_073410;product=Proteaso
me subunit beta
type-7;polypeptide_domain=InterPro:IPR000243,IPR001353,IPR016050,IPR
023333,IPR024689,IPR029055
Pfam:PF00227,PF12465;Ontology_term=GO:0004175,GO:0004298,GO:0005839,
GO:0051603
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        +       .       Parent=Smp_073410.1
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        +       .       Parent=Smp_073410.1
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SM_V9_PAR2      Liftoff CDS     33019806        33019864        .
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SM_V9_PAR2      Liftoff CDS     33019903        33019984        .
        +       1       Parent=Smp_073410.1
SM_V9_PAR2      Liftoff CDS     33020020        33020117        .
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        +       1       Parent=Smp_073410.1
SM_V9_PAR2      Liftoff CDS     33020332        33020499        .
        +       0       Parent=Smp_073410.1
SM_V9_PAR2      Liftoff CDS     33022621        33022772        .
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SM_V9_PAR2      Liftoff CDS     33024595        33024733        .
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SM_V9_PAR2      Liftoff exon    33028563        33038328        .
        -       .       Parent=Smp_306990.1
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SM_V9_PAR2      Liftoff gene    33038403        33077818        .
        -       .
ID=Smp_307000;geneID=Smp_307000;previous_systematic_id=Smp_073450
SM_V9_PAR2      Liftoff mRNA    33038403        33077818        .
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ID=Smp_307000.1;Parent=Smp_307000;geneID=Smp_307000;product=Desmopla
kin
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SM_V9_PAR2      Liftoff exon    33059752        33060083        .
        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff exon    33063534        33063659        .
        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff exon    33067003        33067098        .
        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff exon    33070893        33070973        .
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SM_V9_PAR2      Liftoff exon    33071021        33071092        .
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        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff exon    33072446        33072490        .
        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff exon    33073251        33073367        .
        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff exon    33074944        33074981        .
        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff exon    33076888        33077818        .
        -       .       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33038737        33041937        .
        -       0       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33041997        33044709        .
        -       1       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33049796        33050006        .
        -       2       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33054895        33055033        .
        -       0       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33056246        33056351        .
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SM_V9_PAR2      Liftoff CDS     33059752        33060083        .
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SM_V9_PAR2      Liftoff CDS     33063534        33063659        .
        -       0       Parent=Smp_307000.1
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SM_V9_PAR2      Liftoff CDS     33070893        33070973        .
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SM_V9_PAR2      Liftoff CDS     33071021        33071092        .
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SM_V9_PAR2      Liftoff CDS     33072446        33072490        .
        -       0       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33073251        33073367        .
        -       0       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33074944        33074981        .
        -       2       Parent=Smp_307000.1
SM_V9_PAR2      Liftoff CDS     33076888        33076891        .
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SM_V9_PAR2      Liftoff gene    33100577        33102178        .
        -       .
ID=Smp_307010;geneID=Smp_307010;previous_systematic_id=Smp_046600
SM_V9_PAR2      Liftoff mRNA    33100577        33102178        .
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ID=Smp_307010.1;Parent=Smp_307010;geneID=Smp_307010;product=Actin-2;
polypeptide_domain=InterPro:IPR004000,IPR004001,IPR020902
Pfam:PF00022
SM_V9_PAR2      Liftoff exon    33100577        33101667        .
        -       .       Parent=Smp_307010.1
SM_V9_PAR2      Liftoff exon    33101987        33102178        .
        -       .       Parent=Smp_307010.1
SM_V9_PAR2      Liftoff CDS     33100663        33101667        .
        -       0       Parent=Smp_307010.1
SM_V9_PAR2      Liftoff CDS     33101987        33102112        .
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SM_V9_PAR2      Liftoff gene    33124429        33126313        .
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SM_V9_PAR2      Liftoff mRNA    33124429        33126313        .
        -       .
ID=Smp_307020.1;Parent=Smp_307020;geneID=Smp_307020;product=Actin-2;
polypeptide_domain=InterPro:IPR004000,IPR004001,IPR020902
Pfam:PF00022
SM_V9_PAR2      Liftoff exon    33124429        33125795        .
        -       .       Parent=Smp_307020.1
SM_V9_PAR2      Liftoff exon    33126115        33126313        .
        -       .       Parent=Smp_307020.1
SM_V9_PAR2      Liftoff CDS     33124791        33125795        .
        -       0       Parent=Smp_307020.1
SM_V9_PAR2      Liftoff CDS     33126115        33126240        .
        -       0       Parent=Smp_307020.1
SM_V9_PAR2      Liftoff gene    33137233        33173230        .
        -       .       ID=Smp_073470;geneID=Smp_073470
SM_V9_PAR2      Liftoff mRNA    33137233        33173230        .
        -       .
ID=Smp_073470.1;Parent=Smp_073470;geneID=Smp_073470;product=Retinoid
X receptor RXR-2;evidence=Traceable Author
Statement;literature=PMID:10375618;polypeptide_domain=InterPro:IPR00
0536,IPR001628,IPR001723,IPR013088
Pfam:PF00104,PF00105;Ontology_term=GO:0003677,GO:0003700,GO:0003707,
GO:0005634,GO:0006355,GO:0008270,GO:0043401,GO:0043565
SM_V9_PAR2      Liftoff exon    33137233        33139836        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff exon    33142184        33142675        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff exon    33146317        33146422        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff exon    33148054        33148658        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff exon    33152344        33152511        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff exon    33155704        33156370        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff exon    33165096        33166627        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff exon    33170173        33173230        .
        -       .       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff CDS     33139484        33139836        .
        -       2       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff CDS     33142184        33142675        .
        -       2       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff CDS     33146317        33146422        .
        -       0       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff CDS     33148054        33148658        .
        -       2       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff CDS     33152344        33152511        .
        -       2       Parent=Smp_073470.1
SM_V9_PAR2      Liftoff CDS     33155704        33156370        .
        -       0       Parent=Smp_073470.1
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SM_V9_PAR2	Liftoff	CDS	33165096	33166627	.
	-	2	Parent=Smp_073470.1
SM_V9_PAR2	Liftoff	CDS	33170173	33170755	.
	-	0	Parent=Smp_073470.1
SM_V9_PAR2	iris	gene	33191792	33193208	.
	+	.
ID=Smp_155060;geneID=Smp_155060;gene_name=Smp_155060;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	33191792	33193208	.
	+	.
ID=Smp_155060.1;Parent=Smp_155060;geneID=Smp_155060;gene_name=Smp_15
5060;owner=irisadmin@local.host;orig_id=Smp_155060.1;date_last_modif
ied=2022-07-19;Name=Smp_155060.1;product=Protein
SET;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	33191792	33191910	.
	+	.	Parent=Smp_155060.1;Name=5a0bd009-c627-47a0-
a9e7-a9ca242389fb
SM_V9_PAR2	iris	exon	33192004	33192305	.
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Parent=Smp_155060.1;Name=1f57a2b0-69c9-4995-90e8-3c07a31653f9
SM_V9_PAR2	iris	exon	33192344	33192668	.
	+	.
Parent=Smp_155060.1;Name=dfaf509d-64f1-4265-8916-8c4e70fab188
SM_V9_PAR2	iris	exon	33192746	33193208	.
	+	.	Parent=Smp_155060.1;Name=ed69dd1b-3101-4d55-
adae-ed91689468ce
SM_V9_PAR2	iris	CDS	33191850	33191910	.
	+	0	Parent=Smp_155060.1
SM_V9_PAR2	iris	CDS	33192004	33192305	.
	+	2	Parent=Smp_155060.1
SM_V9_PAR2	iris	CDS	33192344	33192668	.
	+	0	Parent=Smp_155060.1
SM_V9_PAR2	iris	CDS	33192746	33192822	.
	+	2	Parent=Smp_155060.1
SM_V9_PAR2	Liftoff	gene	33218162	33234486	.
	+	.	ID=Smp_061310;geneID=Smp_061310
SM_V9_PAR2	Liftoff	mRNA	33218162	33234486	.
	+	.
ID=Smp_061310.1;Parent=Smp_061310;geneID=Smp_061310;product=ER
membrane protein complex subunit
7;polypeptide_domain=InterPro:IPR013783,IPR019008 Pfam:PF09430
SM_V9_PAR2	Liftoff	exon	33218162	33222196	.
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SM_V9_PAR2	Liftoff	exon	33227946	33228077	.
	+	.	Parent=Smp_061310.1
SM_V9_PAR2	Liftoff	exon	33230184	33230366	.
	+	.	Parent=Smp_061310.1
SM_V9_PAR2	Liftoff	exon	33233670	33234486	.
	+	.	Parent=Smp_061310.1
SM_V9_PAR2	Liftoff	CDS	33222035	33222196	.
	+	0	Parent=Smp_061310.1
SM_V9_PAR2	Liftoff	CDS	33227946	33228077	.
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SM_V9_PAR2	Liftoff	CDS	33230184	33230366	.
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SM_V9_PAR2      Liftoff CDS     33233670        33233894        .
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SM_V9_PAR2      iris    gene    33239549        33259510        .
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ID=Smp_061300;geneID=Smp_061300;gene_name=Smp_061300;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    33239549        33259510        .
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ID=Smp_061300.1;Parent=Smp_061300;geneID=Smp_061300;gene_name=Smp_06
1300;owner=irisadmin@local.host;orig_id=Smp_061300.1;date_last_modif
ied=2022-07-19;Name=Smp_061300.1;product=Transcription initiation
factor TFIID subunit 6;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    33239549        33239697        .
        +       .       Parent=Smp_061300.1;Name=5efed9f7-0c9d-47b4-
b177-a4c10bbf6a26
SM_V9_PAR2      iris    exon    33242138        33242551        .
        +       .       Parent=Smp_061300.1;Name=ce47d499-
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SM_V9_PAR2      iris    exon    33246198        33246369        .
        +       .
Parent=Smp_061300.1;Name=0e6636b2-86c8-4bad-843d-8801d418286e
SM_V9_PAR2      iris    exon    33247483        33247745        .
        +       .       Parent=Smp_061300.1;Name=1468c591-a87d-4148-
aaa3-6dca370c773f
SM_V9_PAR2      iris    exon    33249360        33249527        .
        +       .
Parent=Smp_061300.1;Name=8ec2bcda-5f92-4cd9-8599-fe3447d7ace1
SM_V9_PAR2      iris    exon    33251517        33251746        .
        +       .
Parent=Smp_061300.1;Name=5a51e475-55c2-43ab-8e0c-68db0f4cad0e
SM_V9_PAR2      iris    exon    33254531        33255173        .
        +       .
Parent=Smp_061300.1;Name=06b93094-0fc5-4527-813c-2abea0e256f7
SM_V9_PAR2      iris    exon    33258700        33259510        .
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a5f7-77a157e2f4e6
SM_V9_PAR2      iris    CDS     33242189        33242551        .
        +       0       Parent=Smp_061300.1
SM_V9_PAR2      iris    CDS     33246198        33246369        .
        +       0       Parent=Smp_061300.1
SM_V9_PAR2      iris    CDS     33247483        33247745        .
        +       2       Parent=Smp_061300.1
SM_V9_PAR2      iris    CDS     33249360        33249527        .
        +       0       Parent=Smp_061300.1
SM_V9_PAR2      iris    CDS     33251517        33251746        .
        +       0       Parent=Smp_061300.1
SM_V9_PAR2      iris    CDS     33254531        33255173        .
        +       1       Parent=Smp_061300.1
SM_V9_PAR2      iris    CDS     33258700        33259188        .
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SM_V9_PAR2      iris    gene    33261485        33387548        .
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ID=Smp_155050;geneID=Smp_155050;gene_name=Smp_155050;owner=irisadmin
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ID=Smp_155050.1;Parent=Smp_155050;geneID=Smp_155050;gene_name=Smp_15
5050;owner=irisadmin@local.host;orig_id=Smp_155050.1;date_last_modif
ied=2022-07-19;Name=Smp_155050.1;product=Agrin;date_creation=2022-07
-19
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a1cc-d10a971d0002
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        -       .
Parent=Smp_155050.1;Name=13239ca6-7a76-4d1c-903a-dcff44963357
SM_V9_PAR2      iris    exon    33265356        33265712        .
        -       .
Parent=Smp_155050.1;Name=526739c8-18ea-4413-9db5-ccd186c53d8e
SM_V9_PAR2      iris    exon    33268915        33269114        .
        -       .
Parent=Smp_155050.1;Name=15943396-1dbe-4cc7-8f21-5858800d65c8
SM_V9_PAR2      iris    exon    33273034        33273342        .
        -       .       Parent=Smp_155050.1;Name=8cf54ec4-f869-4b28-
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SM_V9_PAR2      iris    exon    33276609        33276725        .
        -       .       Parent=Smp_155050.1;Name=c1079828-e1ec-44d0-
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SM_V9_PAR2      iris    exon    33279393        33279437        .
        -       .       Parent=Smp_155050.1;Name=427c12f0-
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SM_V9_PAR2      iris    exon    33280450        33280697        .
        -       .       Parent=Smp_155050.1;Name=58d7b6e2-6d37-4769-
a823-2e3838d4b0a9
SM_V9_PAR2      iris    exon    33283226        33283351        .
        -       .       Parent=Smp_155050.1;Name=1cfbb89f-0349-4d5b-
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        -       .
Parent=Smp_155050.1;Name=4aa24346-5a6e-41f5-9c20-834d23087701
SM_V9_PAR2      iris    exon    33293169        33293423        .
        -       .       Parent=Smp_155050.1;Name=17d3d7fe-0fcf-4f76-
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SM_V9_PAR2      iris    exon    33294809        33295145        .
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SM_V9_PAR2      iris    exon    33295835        33295993        .
        -       .       Parent=Smp_155050.1;Name=505796c0-a935-4f10-
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SM_V9_PAR2      iris    exon    33297945        33298106        .
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SM_V9_PAR2      iris    exon    33300430        33300696        .
        -       .       Parent=Smp_155050.1;Name=f2f23224-976a-487a-
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SM_V9_PAR2      iris    exon    33302722        33302836        .
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b09b-acb856f0201b
SM_V9_PAR2      iris    exon    33304137        33304231        .
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SM_V9_PAR2      iris    exon    33307073        33307375        .
        -       .       Parent=Smp_155050.1;Name=988a28ef-51a6-45ee-
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SM_V9_PAR2      iris    exon    33309273        33309491        .
        -       .       Parent=Smp_155050.1;Name=68823d3e-6273-42c0-
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SM_V9_PAR2      iris    exon    33360699        33360989        .
        -       .       Parent=Smp_155050.1;Name=ce163f30-8dfe-4005-
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SM_V9_PAR2      iris    exon    33386076        33387548        .
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SM_V9_PAR2      iris    CDS     33263864        33263967        .
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SM_V9_PAR2      iris    CDS     33265356        33265712        .
        -       1       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33268915        33269114        .
        -       0       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33273034        33273342        .
        -       0       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33276609        33276725        .
        -       0       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33279393        33279437        .
        -       0       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33280450        33280697        .
        -       2       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33283226        33283351        .
        -       2       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33284343        33284791        .
        -       1       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33293169        33293423        .
        -       1       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33294809        33295145        .
        -       2       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33295835        33295993        .
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SM_V9_PAR2      iris    CDS     33297945        33298106        .
        -       2       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33300430        33300696        .
        -       2       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33302722        33302836        .
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SM_V9_PAR2      iris    CDS     33309273        33309491        .
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SM_V9_PAR2      iris    CDS     33334826        33335104        .
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SM_V9_PAR2      iris    CDS     33353851        33354228        .
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SM_V9_PAR2      iris    CDS     33360699        33360989        .
        -       2       Parent=Smp_155050.1
SM_V9_PAR2      iris    CDS     33386076        33386730        .
        -       0       Parent=Smp_155050.1
SM_V9_PAR2      Liftoff gene    33398952        33462606        .
        +       .       ID=Smp_155040;geneID=Smp_155040
SM_V9_PAR2      Liftoff mRNA    33398952        33462606        .
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ID=Smp_155040.1;Parent=Smp_155040;geneID=Smp_155040;product=Cyclic
nucleotide-gated cation channel
beta-3;polypeptide_domain=InterPro:IPR000595,IPR005821,IPR014710,IPR
018488,IPR018490
Pfam:PF00027,PF00520;Ontology_term=GO:0005216,GO:0006811,GO:0016020,
GO:0055085
SM_V9_PAR2      Liftoff exon    33398952        33411973        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33413221        33413284        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33415581        33415726        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33418128        33418412        .
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        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33424956        33425167        .
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SM_V9_PAR2      Liftoff exon    33425222        33425272        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33428063        33428152        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33429982        33430172        .
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SM_V9_PAR2      Liftoff exon    33434425        33434566        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33438266        33438425        .
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SM_V9_PAR2      Liftoff exon    33441177        33441274        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33442690        33442773        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33447672        33447790        .
        +       .       Parent=Smp_155040.1
SM_V9_PAR2      Liftoff exon    33450944        33451090        .
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SM_V9_PAR2	Liftoff	exon	33452384	33452549	.
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SM_V9_PAR2	Liftoff	exon	33453811	33453993	.
	+	.	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	exon	33462317	33462606	.
	+	.	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33411874	33411973	.
	+	0	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33413221	33413284	.
	+	2	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33415581	33415726	.
	+	1	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33418128	33418412	.
	+	2	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33422630	33422737	.
	+	2	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33424956	33425167	.
	+	2	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33425222	33425272	.
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SM_V9_PAR2	Liftoff	CDS	33428063	33428152	.
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SM_V9_PAR2	Liftoff	CDS	33429982	33430172	.
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SM_V9_PAR2	Liftoff	CDS	33434425	33434566	.
	+	1	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33438266	33438425	.
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SM_V9_PAR2	Liftoff	CDS	33441177	33441274	.
	+	2	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33442690	33442773	.
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SM_V9_PAR2	Liftoff	CDS	33447672	33447790	.
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SM_V9_PAR2	Liftoff	CDS	33450944	33451090	.
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	+	1	Parent=Smp_155040.1
SM_V9_PAR2	Liftoff	CDS	33453811	33453993	.
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	33463949	33480948	.
	-	.
ID=Smp_061250.2;Parent=Smp_061250;geneID=Smp_061250;gene_name=Smp_06
1250;owner=irisadmin@local.host;orig_id=Smp_061250.1;date_last_modif
ied=2022-07-19;Name=Smp_061250.2;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	33463949	33464800	.
	-	.	Parent=Smp_061250.2;Name=dad90711-
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SM_V9_PAR2      iris    exon    33470899        33471538        .
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Parent=Smp_061250.2;Name=a52e40ae-42cc-4fd7-965d-86a4e20bb879
SM_V9_PAR2      iris    exon    33473786        33474168        .
        -       .       Parent=Smp_061250.2;Name=d481e74f-3ae1-473a-
a562-3d51991337db
SM_V9_PAR2      iris    exon    33477041        33477107        .
        -       .
Parent=Smp_061250.2;Name=a47a4bd9-5a5e-4def-87bb-c38734765285
SM_V9_PAR2      iris    exon    33478927        33479027        .
        -       .
Parent=Smp_061250.2;Name=1431c5a4-596b-4bed-8613-e4e72d45313f
SM_V9_PAR2      iris    exon    33480188        33480610        .
        -       .       Parent=Smp_061250.2;Name=4aa8b6c3-
dbbb-4c15-81c0-788281fa2ade
SM_V9_PAR2      iris    exon    33480723        33480948        .
        -       .       Parent=Smp_061250.2;Name=30f08d3c-85d0-4db3-
b0df-6dca24413aed
SM_V9_PAR2      iris    CDS     33471318        33471538        .
        -       2       Parent=Smp_061250.2
SM_V9_PAR2      iris    CDS     33473786        33474168        .
        -       1       Parent=Smp_061250.2
SM_V9_PAR2      iris    CDS     33477041        33477107        .
        -       2       Parent=Smp_061250.2
SM_V9_PAR2      iris    CDS     33478927        33479027        .
        -       1       Parent=Smp_061250.2
SM_V9_PAR2      iris    CDS     33480188        33480610        .
        -       1       Parent=Smp_061250.2
SM_V9_PAR2      iris    CDS     33480723        33480760        .
        -       0       Parent=Smp_061250.2
SM_V9_PAR2      iris    mRNA    33470470        33480948        .
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A;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    33470470        33471538        .
        -       .       Parent=Smp_061250.1;Name=95f4b8ed-725e-48ce-
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SM_V9_PAR2      iris    exon    33473786        33474168        .
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SM_V9_PAR2      iris    exon    33477041        33477107        .
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SM_V9_PAR2      iris    exon    33478927        33479027        .
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SM_V9_PAR2      iris    exon    33480188        33480610        .
        -       .       Parent=Smp_061250.1;Name=f5887000-
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SM_V9_PAR2      iris    exon    33480723        33480948        .
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SM_V9_PAR2	iris	CDS	33473786	33474168	.
	-	1	Parent=Smp_061250.1
SM_V9_PAR2	iris	CDS	33477041	33477107	.
	-	2	Parent=Smp_061250.1
SM_V9_PAR2	iris	CDS	33478927	33479027	.
	-	1	Parent=Smp_061250.1
SM_V9_PAR2	iris	CDS	33480188	33480610	.
	-	1	Parent=Smp_061250.1
SM_V9_PAR2	iris	CDS	33480723	33480760	.
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SM_V9_PAR2	Liftoff	gene	33484885	33541129	.
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SM_V9_PAR2	Liftoff	mRNA	33484885	33541129	.
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m=GO:0005488
SM_V9_PAR2	Liftoff	exon	33484885	33488543	.
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SM_V9_PAR2	Liftoff	exon	33488579	33488665	.
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SM_V9_PAR2	Liftoff	exon	33488712	33488825	.
	+	.	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	exon	33493540	33493730	.
	+	.	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	exon	33495240	33495458	.
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SM_V9_PAR2	Liftoff	exon	33501309	33501500	.
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SM_V9_PAR2	Liftoff	exon	33504285	33504459	.
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SM_V9_PAR2	Liftoff	exon	33507005	33507287	.
	+	.	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	exon	33511531	33511658	.
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SM_V9_PAR2	Liftoff	exon	33514015	33514419	.
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SM_V9_PAR2	Liftoff	exon	33515540	33515765	.
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SM_V9_PAR2	Liftoff	exon	33518296	33518696	.
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SM_V9_PAR2	Liftoff	exon	33520288	33520471	.
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SM_V9_PAR2	Liftoff	exon	33527285	33527361	.
	+	.	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	exon	33530536	33530642	.
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SM_V9_PAR2	Liftoff	exon	33532736	33533300	.
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SM_V9_PAR2	Liftoff	exon	33534005	33534218	.
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SM_V9_PAR2	Liftoff	exon	33536067	33536180	.
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SM_V9_PAR2	Liftoff	exon	33537816	33537978	.
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SM_V9_PAR2	Liftoff	exon	33539828	33541129	.
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SM_V9_PAR2	Liftoff	CDS	33488261	33488543	.
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SM_V9_PAR2	Liftoff	CDS	33488579	33488665	.
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SM_V9_PAR2	Liftoff	CDS	33488712	33488825	.
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SM_V9_PAR2	Liftoff	CDS	33493540	33493730	.
	+	2	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	CDS	33495240	33495458	.
	+	0	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	CDS	33499743	33499852	.
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SM_V9_PAR2	Liftoff	CDS	33501309	33501500	.
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SM_V9_PAR2	Liftoff	CDS	33504285	33504459	.
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SM_V9_PAR2	Liftoff	CDS	33507005	33507287	.
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SM_V9_PAR2	Liftoff	CDS	33511531	33511658	.
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SM_V9_PAR2	Liftoff	CDS	33514015	33514419	.
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SM_V9_PAR2	Liftoff	CDS	33515540	33515765	.
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SM_V9_PAR2	Liftoff	CDS	33518296	33518696	.
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SM_V9_PAR2	Liftoff	CDS	33520288	33520471	.
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SM_V9_PAR2	Liftoff	CDS	33527285	33527361	.
	+	2	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	CDS	33530536	33530642	.
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SM_V9_PAR2	Liftoff	CDS	33532736	33533300	.
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SM_V9_PAR2	Liftoff	CDS	33534005	33534218	.
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SM_V9_PAR2	Liftoff	CDS	33536067	33536180	.
	+	2	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	CDS	33537816	33537978	.
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SM_V9_PAR2	Liftoff	CDS	33539828	33540122	.
	+	1	Parent=Smp_155030.1
SM_V9_PAR2	Liftoff	gene	33544434	33556547	.
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SM_V9_PAR2	Liftoff	mRNA	33544434	33556547	.
	-	.
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281,IPR014006,IPR015939,IPR023753,IPR027477
Pfam:PF00890,PF02910;Ontology_term=GO:0006099,GO:0016491,GO:0016627,
GO:0022900,GO:0050660,GO:0055114
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SM_V9_PAR2      Liftoff exon    33551679        33551882        .
        -       .       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff exon    33553088        33553363        .
        -       .       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff exon    33555260        33555624        .
        -       .       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff exon    33555656        33555780        .
        -       .       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff exon    33555813        33556547        .
        -       .       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff CDS     33547472        33547735        .
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SM_V9_PAR2      Liftoff CDS     33551679        33551882        .
        -       0       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff CDS     33553088        33553363        .
        -       0       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff CDS     33555260        33555624        .
        -       2       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff CDS     33555656        33555780        .
        -       1       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff CDS     33555813        33556531        .
        -       0       Parent=Smp_061230.1
SM_V9_PAR2      Liftoff gene    33561945        33574506        .
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SM_V9_PAR2      Liftoff mRNA    33561945        33574506        .
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47;polypeptide_domain=InterPro:IPR001810;Ontology_term=GO:0005515
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        +       .       Parent=Smp_061210.1
SM_V9_PAR2      Liftoff exon    33562181        33562351        .
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SM_V9_PAR2      Liftoff exon    33562383        33562459        .
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SM_V9_PAR2      Liftoff exon    33563381        33563627        .
        +       .       Parent=Smp_061210.1
SM_V9_PAR2      Liftoff exon    33565292        33565655        .
        +       .       Parent=Smp_061210.1
SM_V9_PAR2      Liftoff exon    33568938        33569125        .
        +       .       Parent=Smp_061210.1
SM_V9_PAR2      Liftoff exon    33570339        33570548        .
        +       .       Parent=Smp_061210.1
SM_V9_PAR2      Liftoff exon    33571282        33571376        .
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SM_V9_PAR2      Liftoff exon    33574129        33574506        .
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SM_V9_PAR2      Liftoff CDS     33561992        33562148        .
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SM_V9_PAR2      Liftoff CDS     33562181        33562351        .
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SM_V9_PAR2      Liftoff CDS     33563381        33563627        .
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SM_V9_PAR2      Liftoff CDS     33565292        33565655        .
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SM_V9_PAR2      Liftoff CDS     33568938        33569125        .
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SM_V9_PAR2      Liftoff CDS     33570339        33570548        .
        +       2       Parent=Smp_061210.1
SM_V9_PAR2      Liftoff CDS     33571282        33571376        .
        +       2       Parent=Smp_061210.1
SM_V9_PAR2      Liftoff CDS     33571880        33572030        .
        +       0       Parent=Smp_061210.1
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SM_V9_PAR2      Liftoff mRNA    33582132        33582711        .
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Pfam:PF01247;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_PAR2      Liftoff exon    33582132        33582405        .
        -       .       Parent=Smp_061200.1
SM_V9_PAR2      Liftoff exon    33582444        33582711        .
        -       .       Parent=Smp_061200.1
SM_V9_PAR2      Liftoff CDS     33582234        33582405        .
        -       1       Parent=Smp_061200.1
SM_V9_PAR2      Liftoff CDS     33582444        33582658        .
        -       0       Parent=Smp_061200.1
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ID=Smp_155020;geneID=Smp_155020;gene_name=Smp_155020;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    33598665        33632222        .
        +       .
ID=Smp_155020.1;Parent=Smp_155020;geneID=Smp_155020;gene_name=Smp_15
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protein 12 (Fragment);date_creation=2022-08-15
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SM_V9_PAR2      iris    exon    33599159        33599209        .
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SM_V9_PAR2      iris    exon    33601997        33602226        .
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SM_V9_PAR2      iris    exon    33605515        33605954        .
        +       .       Parent=Smp_155020.1;Name=8fc7a9c9-
c456-4319-9568-ad768e3ef243
SM_V9_PAR2      iris    exon    33611530        33611893        .
        +       .
Parent=Smp_155020.1;Name=c0f7a425-4ff6-47e1-8ed9-6337e61aa890
SM_V9_PAR2      iris    exon    33615151        33615515        .
        +       .
Parent=Smp_155020.1;Name=b737a09e-0381-4a3e-8762-b7adb2101d79
SM_V9_PAR2      iris    exon    33618601        33619009        .
        +       .
Parent=Smp_155020.1;Name=fc6e422a-11fb-4cf0-886a-bd389d677324
SM_V9_PAR2      iris    exon    33623609        33623868        .
        +       .
Parent=Smp_155020.1;Name=f4b1aef9-688d-4741-92b3-7451658e1f95
SM_V9_PAR2      iris    exon    33626470        33626746        .
        +       .       Parent=Smp_155020.1;Name=4bed1f07-05f6-4686-
a772-8ed2c4b84809
SM_V9_PAR2      iris    exon    33627292        33627380        .
        +       .       Parent=Smp_155020.1;Name=2cbf20c8-9808-4aab-
acf4-018f703083d5
SM_V9_PAR2      iris    exon    33629912        33630344        .
        +       .       Parent=Smp_155020.1;Name=b5d42186-0a3a-4757-
a0ac-ed99547ba200
SM_V9_PAR2      iris    exon    33631282        33632222        .
        +       .
Parent=Smp_155020.1;Name=b1fae9fd-2003-4bf0-8c00-ef874635249b
SM_V9_PAR2      iris    CDS     33598974        33599118        .
        +       0       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33599159        33599209        .
        +       2       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33601997        33602226        .
        +       2       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33605515        33605954        .
        +       0       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33611530        33611893        .
        +       1       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33615151        33615515        .
        +       0       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33618601        33619009        .
        +       1       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33623609        33623868        .
        +       0       Parent=Smp_155020.1
SM_V9_PAR2      iris    CDS     33626470        33626746        .
        +       1       Parent=Smp_155020.1
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SM_V9_PAR2	iris	CDS	33627292	33627380	.
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	+	1	Parent=Smp_155020.1
SM_V9_PAR2	iris	CDS	33631282	33631437	.
	+	0	Parent=Smp_155020.1
SM_V9_PAR2	iris	gene	33631869	33636410	.
	-	.
ID=Smp_349870;geneID=Smp_349870;gene_name=Smp_349870;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2	iris	mRNA	33631869	33636410	.
	-	.
ID=Smp_349870.1;Parent=Smp_349870;geneID=Smp_349870;gene_name=Smp_34
9870;owner=irisadmin@local.host;date_last_modified=2022-08-15;Name=S
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	-	.	Parent=Smp_349870.1;Name=Smp_349870.1-CDS
SM_V9_PAR2	iris	exon	33635872	33635933	.
	-	.	Parent=Smp_349870.1;Name=3652484a-aab5-4f44-
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SM_V9_PAR2	iris	exon	33635965	33636095	.
	-	.	Parent=Smp_349870.1;Name=2d22bd1f-5eb9-4117-
a188-6ec355710dd6
SM_V9_PAR2	iris	exon	33636129	33636191	.
	-	.	Parent=Smp_349870.1;Name=d1155189-fd8b-460c-
a585-2dd750739e88
SM_V9_PAR2	iris	exon	33636223	33636410	.
	-	.	Parent=Smp_349870.1;Name=1e108536-82dc-4cce-
a2f4-8ee270335cb2
SM_V9_PAR2	iris	CDS	33632013	33632160	.
	-	1	Parent=Smp_349870.1
SM_V9_PAR2	iris	CDS	33635872	33635933	.
	-	0	Parent=Smp_349870.1
SM_V9_PAR2	iris	CDS	33635965	33636095	.
	-	2	Parent=Smp_349870.1
SM_V9_PAR2	iris	CDS	33636129	33636191	.
	-	2	Parent=Smp_349870.1
SM_V9_PAR2	iris	CDS	33636223	33636364	.
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SM_V9_PAR2	Liftoff	gene	33641855	33657597	.
	+	.
ID=Smp_335770;geneID=Smp_335770;previous_systematic_id=Smp_155010
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ID=Smp_335770.1;Parent=Smp_335770;geneID=Smp_335770;product=Forkhead
box protein
J3;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR018122,IPR0304
56 Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_PAR2	Liftoff	exon	33641855	33642200	.
	+	.	Parent=Smp_335770.1
SM_V9_PAR2	Liftoff	exon	33642234	33642377	.
	+	.	Parent=Smp_335770.1
SM_V9_PAR2	Liftoff	exon	33643999	33645379	.
	+	.	Parent=Smp_335770.1
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SM_V9_PAR2      Liftoff exon    33646688        33647272        .
        +       .       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff exon    33652086        33653003        .
        +       .       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff exon    33654382        33657597        .
        +       .       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff CDS     33641883        33642200        .
        +       0       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff CDS     33642234        33642377        .
        +       0       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff CDS     33643999        33645379        .
        +       0       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff CDS     33646688        33647272        .
        +       2       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff CDS     33652086        33653003        .
        +       2       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff CDS     33654382        33655733        .
        +       2       Parent=Smp_335770.1
SM_V9_PAR2      Liftoff gene    33730735        33761061        .
        -       .       ID=Smp_155000;geneID=Smp_155000
SM_V9_PAR2      Liftoff mRNA    33730735        33761061        .
        -       .
ID=Smp_155000.1;Parent=Smp_155000;geneID=Smp_155000;product=Pumilio
homolog
2;polypeptide_domain=InterPro:IPR001313,IPR011989,IPR016024,IPR03313
3,IPR033712 Pfam:PF00806;Ontology_term=GO:0003723,GO:0005488
SM_V9_PAR2      Liftoff exon    33730735        33733737        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33735387        33735539        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33737991        33738233        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33739575        33739891        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33740027        33740386        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33741659        33741890        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33742012        33742436        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33743986        33744361        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33746113        33746775        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33748049        33748816        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff exon    33756885        33761061        .
        -       .       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff CDS     33732961        33733737        .
        -       0       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff CDS     33735387        33735539        .
        -       0       Parent=Smp_155000.1
SM_V9_PAR2      Liftoff CDS     33737991        33738233        .
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SM_V9_PAR2	Liftoff	CDS	33739575	33739891	.
	-	2	Parent=Smp_155000.1
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	-	2	Parent=Smp_155000.1
SM_V9_PAR2	Liftoff	CDS	33741659	33741890	.
	-	0	Parent=Smp_155000.1
SM_V9_PAR2	Liftoff	CDS	33742012	33742436	.
	-	2	Parent=Smp_155000.1
SM_V9_PAR2	Liftoff	CDS	33743986	33744361	.
	-	0	Parent=Smp_155000.1
SM_V9_PAR2	Liftoff	CDS	33746113	33746775	.
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SM_V9_PAR2	Liftoff	CDS	33748049	33748816	.
	-	0	Parent=Smp_155000.1
SM_V9_PAR2	Liftoff	CDS	33756885	33757079	.
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SM_V9_PAR2	iris	gene	33761447	33849745	.
	+	.
ID=Smp_266840;geneID=Smp_266840;gene_name=Smp_266840;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	33761447	33849745	.
	+	.
ID=Smp_266840.1;Parent=Smp_266840;geneID=Smp_266840;gene_name=Smp_26
6840;owner=irisadmin@local.host;orig_id=Smp_266840.1;date_last_modif
ied=2022-07-19;Name=Smp_266840.1;product=Mechanosensory protein
2;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	33761447	33762100	.
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Parent=Smp_266840.1;Name=1cde050f-7e3d-4ea2-8c6a-1473a61e3159
SM_V9_PAR2	iris	exon	33827402	33827511	.
	+	.
Parent=Smp_266840.1;Name=2525151e-506d-40d6-8205-aa783e8c58b3
SM_V9_PAR2	iris	exon	33833249	33833404	.
	+	.	Parent=Smp_266840.1;Name=b96f490c-606e-4353-
a4c4-4c626367d0a7
SM_V9_PAR2	iris	exon	33836549	33836752	.
	+	.
Parent=Smp_266840.1;Name=d769faf9-59f3-46f2-9102-6bfe001547b1
SM_V9_PAR2	iris	exon	33838759	33838814	.
	+	.
Parent=Smp_266840.1;Name=34b96a7e-54cc-4b3d-8ed5-ac327a0bfdd0
SM_V9_PAR2	iris	exon	33841234	33841312	.
	+	.	Parent=Smp_266840.1;Name=4738ea6e-
fc13-4632-8c12-65bdc32c9d71
SM_V9_PAR2	iris	exon	33847779	33849745	.
	+	.	Parent=Smp_266840.1;Name=56234e21-4a1f-4f20-
aada-4bb32ed17a0e
SM_V9_PAR2	iris	CDS	33761623	33762100	.
	+	0	Parent=Smp_266840.1
SM_V9_PAR2	iris	CDS	33827402	33827511	.
	+	2	Parent=Smp_266840.1
SM_V9_PAR2	iris	CDS	33833249	33833404	.
	+	0	Parent=Smp_266840.1
SM_V9_PAR2	iris	CDS	33836549	33836752	.
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        +       0       Parent=Smp_266840.1
SM_V9_PAR2      iris    CDS     33838759        33838814        .
        +       0       Parent=Smp_266840.1
SM_V9_PAR2      iris    CDS     33841234        33841312        .
        +       1       Parent=Smp_266840.1
SM_V9_PAR2      iris    CDS     33847779        33847967        .
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SM_V9_PAR2      iris    gene    34009866        34016588        .
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ID=Smp_044680;geneID=Smp_044680;gene_name=Smp_044680;owner=irisadmin
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ID=Smp_044680.1;Parent=Smp_044680;geneID=Smp_044680;gene_name=Smp_04
4680;owner=irisadmin@local.host;orig_id=Smp_044680.1;date_last_modif
ied=2022-08-15;Name=Smp_044680.1;product=Hypothetical
protein;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    34009866        34010930        .
        -       .       Parent=Smp_044680.1;Name=bdcde30f-d350-4d7f-
a0e7-bd66bab2d956
SM_V9_PAR2      iris    exon    34015531        34016588        .
        -       .
Parent=Smp_044680.1;Name=255ba8a3-0858-4eee-8852-1e6d80033142
SM_V9_PAR2      iris    CDS     34010197        34010930        .
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SM_V9_PAR2      iris    CDS     34015531        34016356        .
        -       0       Parent=Smp_044680.1
SM_V9_PAR2      Liftoff gene    34019921        34039126        .
        -       .
ID=Smp_343930;geneID=Smp_343930;previous_systematic_id=Smp_146260
SM_V9_PAR2      Liftoff mRNA    34019921        34039126        .
        -       .
ID=Smp_343930.1;Parent=Smp_343930;geneID=Smp_343930;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    34019921        34020925        .
        -       .       Parent=Smp_343930.1
SM_V9_PAR2      Liftoff exon    34038173        34039126        .
        -       .       Parent=Smp_343930.1
SM_V9_PAR2      Liftoff CDS     34020422        34020925        .
        -       0       Parent=Smp_343930.1
SM_V9_PAR2      Liftoff CDS     34038173        34038793        .
        -       0       Parent=Smp_343930.1
SM_V9_PAR2      Liftoff mRNA    34019921        34039126        .
        -       .
ID=Smp_343930.2;Parent=Smp_343930;geneID=Smp_343930;product=Hypothet
ical protein
SM_V9_PAR2      Liftoff exon    34019921        34020925        .
        -       .       Parent=Smp_343930.2
SM_V9_PAR2      Liftoff exon    34038173        34039126        .
        -       .       Parent=Smp_343930.2
SM_V9_PAR2      Liftoff CDS     34020422        34020925        .
        -       0       Parent=Smp_343930.2
SM_V9_PAR2      Liftoff CDS     34038173        34038793        .
        -       0       Parent=Smp_343930.2
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SM_V9_PAR2      Liftoff gene    34056000        34071313        .
        +       .       ID=Smp_146250;geneID=Smp_146250
SM_V9_PAR2      Liftoff mRNA    34056000        34071313        .
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alpha-L-
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,IPR018526
Pfam:PF01120;Ontology_term=GO:0004560,GO:0005975,GO:0006004
SM_V9_PAR2      Liftoff exon    34056000        34056247        .
        +       .       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff exon    34064077        34064479        .
        +       .       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff exon    34067391        34067732        .
        +       .       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff exon    34068996        34069198        .
        +       .       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff exon    34070412        34071313        .
        +       .       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff CDS     34056039        34056247        .
        +       0       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff CDS     34064077        34064479        .
        +       1       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff CDS     34067391        34067732        .
        +       0       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff CDS     34068996        34069198        .
        +       0       Parent=Smp_146250.1
SM_V9_PAR2      Liftoff CDS     34070412        34070838        .
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SM_V9_PAR2      iris    gene    34092910        34128166        .
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ID=Smp_146240;geneID=Smp_146240;gene_name=Smp_146240;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    34092910        34128166        .
        +       .
ID=Smp_146240.1;Parent=Smp_146240;geneID=Smp_146240;gene_name=Smp_14
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ied=2022-07-19;Name=Smp_146240.1;product=Disks large homolog
4;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    34092910        34093101        .
        +       .       Parent=Smp_146240.1;Name=84bccf32-
a4d3-40a0-80e1-f1c2362d4b72
SM_V9_PAR2      iris    exon    34094605        34095009        .
        +       .       Parent=Smp_146240.1;Name=364f623f-1e0d-4bac-
b8af-b19f907bc9f0
SM_V9_PAR2      iris    exon    34104516        34105104        .
        +       .
Parent=Smp_146240.1;Name=14bde483-15fc-41c1-9bf6-f05c4dcde010
SM_V9_PAR2      iris    exon    34106651        34106785        .
        +       .       Parent=Smp_146240.1;Name=fc767387-3803-40a1-
af70-0ca221fad335
SM_V9_PAR2      iris    exon    34118156        34118302        .
        +       .       Parent=Smp_146240.1;Name=1a02fa38-546a-4d98-
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SM_V9_PAR2	iris	exon	34119734	34119957	.
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SM_V9_PAR2	iris	exon	34120855	34121005	.
	+	.	Parent=Smp_146240.1;Name=dd44bcd2-f308-4c87-
b544-3a8701138c19
SM_V9_PAR2	iris	exon	34125266	34128166	.
	+	.
Parent=Smp_146240.1;Name=49f787ad-9668-437c-8a5a-eb4f39c1e58b
SM_V9_PAR2	iris	CDS	34094695	34095009	.
	+	0	Parent=Smp_146240.1
SM_V9_PAR2	iris	CDS	34104516	34105104	.
	+	0	Parent=Smp_146240.1
SM_V9_PAR2	iris	CDS	34106651	34106785	.
	+	2	Parent=Smp_146240.1
SM_V9_PAR2	iris	CDS	34118156	34118302	.
	+	2	Parent=Smp_146240.1
SM_V9_PAR2	iris	CDS	34119734	34119957	.
	+	2	Parent=Smp_146240.1
SM_V9_PAR2	iris	CDS	34120855	34121005	.
	+	0	Parent=Smp_146240.1
SM_V9_PAR2	iris	CDS	34125266	34125549	.
	+	2	Parent=Smp_146240.1
SM_V9_PAR2	Liftoff	gene	34234751	34279792	.
	-	.	ID=Smp_175020;geneID=Smp_175020
SM_V9_PAR2	Liftoff	mRNA	34234751	34279792	.
	-	.
ID=Smp_175020.1;Parent=Smp_175020;geneID=Smp_175020;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001873
Pfam:PF00858;Ontology_term=GO:0005272,GO:0006814,GO:0016020
SM_V9_PAR2	Liftoff	exon	34234751	34235348	.
	-	.	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	exon	34239493	34239553	.
	-	.	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	exon	34244460	34246455	.
	-	.	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	exon	34279051	34279792	.
	-	.	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	CDS	34235333	34235348	.
	-	1	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	CDS	34239493	34239553	.
	-	2	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	CDS	34244460	34246455	.
	-	0	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	CDS	34279051	34279635	.
	-	0	Parent=Smp_175020.1
SM_V9_PAR2	Liftoff	gene	34299300	34327228	.
	+	.
ID=Smp_266830;geneID=Smp_266830;previous_systematic_id=Smp_175030,Sm
p_175040
SM_V9_PAR2	Liftoff	mRNA	34299300	34327228	.
	+	.
ID=Smp_266830.1;Parent=Smp_266830;geneID=Smp_266830;product=Hypothet
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Pfam:PF00536;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    34299300        34299445        .
        +       .       Parent=Smp_266830.1
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SM_V9_PAR2      Liftoff exon    34314755        34314906        .
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SM_V9_PAR2      Liftoff exon    34326277        34327228        .
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SM_V9_PAR2      Liftoff CDS     34299443        34299445        .
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SM_V9_PAR2      Liftoff CDS     34299485        34299583        .
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SM_V9_PAR2      Liftoff CDS     34302852        34303125        .
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SM_V9_PAR2      Liftoff CDS     34304149        34304747        .
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SM_V9_PAR2      Liftoff CDS     34305871        34306469        .
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SM_V9_PAR2      Liftoff CDS     34306999        34307397        .
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SM_V9_PAR2      Liftoff CDS     34309886        34310344        .
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SM_V9_PAR2      Liftoff CDS     34314755        34314906        .
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SM_V9_PAR2      Liftoff CDS     34318032        34318737        .
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SM_V9_PAR2      Liftoff CDS     34326277        34326636        .
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8,IPR027417
Pfam:PF00004,PF08542;Ontology_term=GO:0003677,GO:0005524,GO:0006260
SM_V9_PAR2      Liftoff exon    34333165        34333364        .
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SM_V9_PAR2      Liftoff exon    34339363        34339479        .
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SM_V9_PAR2      Liftoff exon    34342852        34343085        .
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SM_V9_PAR2      Liftoff exon    34345162        34345356        .
        -       .       Parent=Smp_096360.1
SM_V9_PAR2      Liftoff exon    34345949        34346147        .
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SM_V9_PAR2      Liftoff exon    34351745        34351824        .
        -       .       Parent=Smp_096360.1
SM_V9_PAR2      Liftoff exon    34351860        34351938        .
        -       .       Parent=Smp_096360.1
SM_V9_PAR2      Liftoff exon    34351974        34355646        .
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SM_V9_PAR2      iris    gene    34364110        34468254        .
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@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    34364110        34468254        .
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SM_V9_PAR2      iris    exon    34364110        34364140        .
        +       .       Parent=Smp_266820.1;Name=b5e46049-
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SM_V9_PAR2      iris    exon    34366421        34367376        .
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SM_V9_PAR2      iris    exon    34373263        34374209        .
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Parent=Smp_266820.1;Name=eaf29433-0e63-4a3c-934e-c741edea7a10
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SM_V9_PAR2      iris    exon    34389521        34389916        .
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SM_V9_PAR2      iris    exon    34451913        34452380        .
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Parent=Smp_266820.1;Name=51ac7181-52fe-41cf-81d8-6d24731be079
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Parent=Smp_266820.1;Name=efdfdd1e-151c-4ad5-932e-1ba4a345695c
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SM_V9_PAR2	iris	exon	34464899	34468254	.
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SM_V9_PAR2	iris	CDS	34366566	34367376	.
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SM_V9_PAR2	iris	CDS	34373263	34374209	.
	+	2	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34386178	34386493	.
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SM_V9_PAR2	iris	CDS	34389521	34389916	.
	+	2	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34391637	34392283	.
	+	2	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34393153	34393790	.
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SM_V9_PAR2	iris	CDS	34395682	34395741	.
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SM_V9_PAR2	iris	CDS	34399690	34399921	.
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SM_V9_PAR2	iris	CDS	34410263	34410381	.
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	+	1	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34413833	34414103	.
	+	0	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34421630	34422483	.
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SM_V9_PAR2	iris	CDS	34429426	34430196	.
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SM_V9_PAR2	iris	CDS	34438476	34438713	.
	+	0	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34441675	34441930	.
	+	2	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34451913	34452380	.
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SM_V9_PAR2	iris	CDS	34457992	34458158	.
	+	1	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34460717	34460859	.
	+	2	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34462857	34463012	.
	+	0	Parent=Smp_266820.1
SM_V9_PAR2	iris	CDS	34464899	34465768	.
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SM_V9_PAR2	Liftoff	gene	34476635	34515119	.
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kinase;polypeptide_domain=InterPro:IPR004166,IPR011009
Pfam:PF02816;Ontology_term=GO:0004674,GO:0005524,GO:0006468
SM_V9_PAR2	Liftoff	exon	34476635	34477594	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34481645	34482047	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34483926	34484225	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34489415	34489513	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34498135	34498701	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34501948	34502262	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34503640	34503786	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34506268	34506442	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34512235	34512434	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	exon	34514886	34515119	.
	-	.	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	CDS	34477443	34477594	.
	-	2	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	CDS	34481645	34482047	.
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SM_V9_PAR2	Liftoff	CDS	34483926	34484225	.
	-	0	Parent=Smp_149500.1
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SM_V9_PAR2	Liftoff	CDS	34498135	34498701	.
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SM_V9_PAR2	Liftoff	CDS	34501948	34502262	.
	-	0	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	CDS	34503640	34503786	.
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SM_V9_PAR2	Liftoff	CDS	34506268	34506442	.
	-	1	Parent=Smp_149500.1
SM_V9_PAR2	Liftoff	CDS	34512235	34512434	.
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SM_V9_PAR2	Liftoff	CDS	34514886	34515065	.
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SM_V9_PAR2	Liftoff	mRNA	34476635	34515119	.
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SM_V9_PAR2	Liftoff	exon	34476635	34477594	.
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SM_V9_PAR2      Liftoff exon    34501948        34502262        .
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SM_V9_PAR2      Liftoff exon    34506268        34506442        .
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SM_V9_PAR2      Liftoff exon    34512235        34512434        .
        -       .       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff exon    34514886        34515119        .
        -       .       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff CDS     34477443        34477594        .
        -       2       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff CDS     34481645        34482047        .
        -       0       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff CDS     34489415        34489513        .
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SM_V9_PAR2      Liftoff CDS     34498135        34498701        .
        -       0       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff CDS     34501948        34502262        .
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SM_V9_PAR2      Liftoff CDS     34503640        34503786        .
        -       0       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff CDS     34506268        34506442        .
        -       1       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff CDS     34512235        34512434        .
        -       0       Parent=Smp_149500.2
SM_V9_PAR2      Liftoff CDS     34514886        34515065        .
        -       0       Parent=Smp_149500.2
SM_V9_PAR2      iris    gene    34529820        34538622        .
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        +       .
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alpha-4;date_creation=2022-08-15
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Parent=Smp_051210.1;Name=23c734b8-64c6-49e2-9913-24d4d9284394
SM_V9_PAR2      iris    exon    34529975        34530306        .
        +       .       Parent=Smp_051210.1;Name=ea15fba1-524a-4d84-
b339-6a73aa9fe195
SM_V9_PAR2      iris    exon    34531574        34531961        .
        +       .
Parent=Smp_051210.1;Name=04546b11-64ac-48b4-8898-ae37f2ae506e
SM_V9_PAR2      iris    exon    34535086        34535523        .
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        +       .       Parent=Smp_051210.1;Name=1780cc4d-0d98-46d9-
bd82-3a8c4c4e196d
SM_V9_PAR2      iris    exon    34535882        34536136        .
        +       .       Parent=Smp_051210.1;Name=bc1c47c8-
b55e-4ec3-867e-68821907ac1f
SM_V9_PAR2      iris    exon    34536753        34538622        .
        +       .       Parent=Smp_051210.1;Name=5aea61e3-
fb66-4c2e-95d0-dbb577b9dd2b
SM_V9_PAR2      iris    CDS     34529875        34529934        .
        +       0       Parent=Smp_051210.1
SM_V9_PAR2      iris    CDS     34529975        34530306        .
        +       0       Parent=Smp_051210.1
SM_V9_PAR2      iris    CDS     34531574        34531961        .
        +       1       Parent=Smp_051210.1
SM_V9_PAR2      iris    CDS     34535086        34535523        .
        +       0       Parent=Smp_051210.1
SM_V9_PAR2      iris    CDS     34535882        34536136        .
        +       0       Parent=Smp_051210.1
SM_V9_PAR2      iris    CDS     34536753        34536893        .
        +       0       Parent=Smp_051210.1
SM_V9_PAR2      Liftoff gene    34543570        34559270        .
        +       .       ID=Smp_149520;geneID=Smp_149520
SM_V9_PAR2      Liftoff mRNA    34543570        34559270        .
        +       .
ID=Smp_149520.1;Parent=Smp_149520;geneID=Smp_149520;product=Deoxygua
nosinetriphosphate triphosphohydrolase-like protein
SM_V9_PAR2      Liftoff exon    34543570        34544043        .
        +       .       Parent=Smp_149520.1
SM_V9_PAR2      Liftoff exon    34553694        34553933        .
        +       .       Parent=Smp_149520.1
SM_V9_PAR2      Liftoff exon    34558698        34559270        .
        +       .       Parent=Smp_149520.1
SM_V9_PAR2      Liftoff CDS     34543939        34544043        .
        +       0       Parent=Smp_149520.1
SM_V9_PAR2      Liftoff CDS     34553694        34553933        .
        +       0       Parent=Smp_149520.1
SM_V9_PAR2      Liftoff CDS     34558698        34559180        .
        +       0       Parent=Smp_149520.1
SM_V9_PAR2      iris    gene    34572577        34578724        .
        -       .
ID=Smp_051220;geneID=Smp_051220;gene_name=Smp_051220;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    34572577        34578724        .
        -       .
ID=Smp_051220.1;Parent=Smp_051220;geneID=Smp_051220;gene_name=Smp_05
1220;owner=irisadmin@local.host;orig_id=Smp_051220.1;date_last_modif
ied=2022-08-15;Name=Smp_051220.1;product=LisH domain-containing
protein FOPNL;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    34572577        34573344        .
        -       .       Parent=Smp_051220.1;Name=Smp_051220.1-CDS
SM_V9_PAR2      iris    exon    34574564        34574806        .
        -       .       Parent=Smp_051220.1;Name=12e94b1a-2bdf-42d8-
aeaa-03a21511e6c1
SM_V9_PAR2      iris    exon    34578668        34578724        .
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        -       .       Parent=Smp_051220.1;Name=289a4003-92a8-4283-
ac53-f95bacdbb26f
SM_V9_PAR2      iris    CDS     34572858        34573344        .
        -       1       Parent=Smp_051220.1
SM_V9_PAR2      iris    CDS     34574564        34574781        .
        -       0       Parent=Smp_051220.1
SM_V9_PAR2      Liftoff gene    34588300        34601454        .
        +       .       ID=Smp_051230;geneID=Smp_051230
SM_V9_PAR2      Liftoff mRNA    34588300        34601454        .
        +       .
ID=Smp_051230.1;Parent=Smp_051230;geneID=Smp_051230;product=TAR DNA-
binding protein 43;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    34588300        34588582        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff exon    34589350        34589516        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff exon    34591418        34591558        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff exon    34592650        34592754        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff exon    34593171        34593417        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff exon    34594070        34594230        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff exon    34597625        34597888        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff exon    34600083        34601454        .
        +       .       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34588336        34588582        .
        +       0       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34589350        34589516        .
        +       2       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34591418        34591558        .
        +       0       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34592650        34592754        .
        +       0       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34593171        34593417        .
        +       0       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34594070        34594230        .
        +       2       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34597625        34597888        .
        +       0       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff CDS     34600083        34600091        .
        +       0       Parent=Smp_051230.1
SM_V9_PAR2      Liftoff mRNA    34588300        34601454        .
        +       .
ID=Smp_051230.2;Parent=Smp_051230;geneID=Smp_051230;product=TAR DNA-
binding protein 43;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    34588300        34588582        .
        +       .       Parent=Smp_051230.2
SM_V9_PAR2      Liftoff exon    34589350        34589516        .
        +       .       Parent=Smp_051230.2
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SM_V9_PAR2	Liftoff	exon	34591418	34591558	.
	+	.	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	exon	34592650	34592754	.
	+	.	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	exon	34593171	34593417	.
	+	.	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	exon	34594070	34594230	.
	+	.	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	exon	34597625	34597801	.
	+	.	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	exon	34600083	34601454	.
	+	.	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34588336	34588582	.
	+	0	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34589350	34589516	.
	+	2	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34591418	34591558	.
	+	0	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34592650	34592754	.
	+	0	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34593171	34593417	.
	+	0	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34594070	34594230	.
	+	2	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34597625	34597801	.
	+	0	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	CDS	34600083	34600091	.
	+	0	Parent=Smp_051230.2
SM_V9_PAR2	Liftoff	gene	34611220	34639942	.
	+	.	ID=Smp_149530;geneID=Smp_149530
SM_V9_PAR2	Liftoff	mRNA	34611220	34639942	.
	+	.
ID=Smp_149530.1;Parent=Smp_149530;geneID=Smp_149530;product=Myosin
heavy chain, striated muscle
SM_V9_PAR2	Liftoff	exon	34611220	34611594	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34614131	34614250	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34616668	34616831	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34617867	34618043	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34620616	34620697	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34621416	34621493	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34623153	34623277	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34626012	34626081	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34631978	34632062	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34633818	34633938	.
	+	.	Parent=Smp_149530.1
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SM_V9_PAR2	Liftoff	exon	34636349	34636494	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34638495	34638787	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	exon	34639759	34639942	.
	+	.	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34611296	34611594	.
	+	0	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34614131	34614250	.
	+	1	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34616668	34616831	.
	+	1	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34617867	34618043	.
	+	2	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34620616	34620697	.
	+	2	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34621416	34621493	.
	+	1	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34623153	34623277	.
	+	1	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34626012	34626081	.
	+	2	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34631978	34632062	.
	+	1	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34633818	34633938	.
	+	0	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34636349	34636494	.
	+	2	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34638495	34638787	.
	+	0	Parent=Smp_149530.1
SM_V9_PAR2	Liftoff	CDS	34639759	34639843	.
	+	1	Parent=Smp_149530.1
SM_V9_PAR2	iris	gene	34641139	34643367	.
	-	.
ID=Smp_051260;geneID=Smp_051260;gene_name=Smp_051260;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2	iris	mRNA	34641139	34643367	.
	-	.
ID=Smp_051260.1;Parent=Smp_051260;geneID=Smp_051260;gene_name=Smp_05
1260;owner=irisadmin@local.host;orig_id=Smp_051260.1;date_last_modif
ied=2022-08-15;Name=Smp_051260.1;product=60S ribosomal protein
L8;date_creation=2022-08-15
SM_V9_PAR2	iris	exon	34641139	34641330	.
	-	.	Parent=Smp_051260.1;Name=79cc926c-2a83-4cda-
b6ef-f75ba7a87073
SM_V9_PAR2	iris	exon	34642631	34642954	.
	-	.	Parent=Smp_051260.1;Name=c5b45814-4f8a-4335-
a95b-9a36b1a3150f
SM_V9_PAR2	iris	exon	34642987	34643277	.
	-	.
Parent=Smp_051260.1;Name=2769b502-0849-44f4-9c35-bb8a4e8e2f3f
SM_V9_PAR2	iris	exon	34643316	34643367	.
	-	.	Parent=Smp_051260.1;Name=3cb64f0d-294a-4185-
b965-d5203f2fe814
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SM_V9_PAR2	iris	CDS	34641166	34641330	.
	-	0	Parent=Smp_051260.1
SM_V9_PAR2	iris	CDS	34642631	34642954	.
	-	0	Parent=Smp_051260.1
SM_V9_PAR2	iris	CDS	34642987	34643277	.
	-	0	Parent=Smp_051260.1
SM_V9_PAR2	iris	gene	34659171	34661994	.
	+	.
ID=Smp_149540;geneID=Smp_149540;gene_name=Smp_149540;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	34659171	34661994	.
	+	.
ID=Smp_149540.1;Parent=Smp_149540;geneID=Smp_149540;gene_name=Smp_14
9540;owner=irisadmin@local.host;orig_id=Smp_149540.1;date_last_modif
ied=2022-07-19;Name=Smp_149540.1;product=Protein
Dr1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	34659171	34659226	.
	+	.	Parent=Smp_149540.1;Name=3ecee653-
aa46-40a9-9ffa-7e51bb90fa9c
SM_V9_PAR2	iris	exon	34659264	34659497	.
	+	.
Parent=Smp_149540.1;Name=6447d4a9-7828-48c8-89c9-8cd487ee784d
SM_V9_PAR2	iris	exon	34659536	34659708	.
	+	.
Parent=Smp_149540.1;Name=42e8174a-909b-4b2f-85a7-efec09a1c71a
SM_V9_PAR2	iris	exon	34661682	34661994	.
	+	.	Parent=Smp_149540.1;Name=6e1ebc8c-
ec1d-43de-9ba7-0232324a41d0
SM_V9_PAR2	iris	CDS	34659220	34659226	.
	+	0	Parent=Smp_149540.1
SM_V9_PAR2	iris	CDS	34659264	34659497	.
	+	2	Parent=Smp_149540.1
SM_V9_PAR2	iris	CDS	34659536	34659708	.
	+	2	Parent=Smp_149540.1
SM_V9_PAR2	iris	CDS	34661682	34661927	.
	+	0	Parent=Smp_149540.1
SM_V9_PAR2	Liftoff	gene	34666864	34697386	.
	-	.	ID=Smp_051280;geneID=Smp_051280
SM_V9_PAR2	Liftoff	mRNA	34666864	34697386	.
	-	.
ID=Smp_051280.1;Parent=Smp_051280;geneID=Smp_051280;product=Protein
SMG7;polypeptide_domain=InterPro:IPR011990,IPR018834,IPR019458
Pfam:PF10373,PF10374;Ontology_term=GO:0005515
SM_V9_PAR2	Liftoff	exon	34666864	34667341	.
	-	.	Parent=Smp_051280.1
SM_V9_PAR2	Liftoff	exon	34668068	34668373	.
	-	.	Parent=Smp_051280.1
SM_V9_PAR2	Liftoff	exon	34669475	34669747	.
	-	.	Parent=Smp_051280.1
SM_V9_PAR2	Liftoff	exon	34671386	34671746	.
	-	.	Parent=Smp_051280.1
SM_V9_PAR2	Liftoff	exon	34673584	34673777	.
	-	.	Parent=Smp_051280.1
SM_V9_PAR2	Liftoff	exon	34675060	34675445	.
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        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff exon    34677726        34678155        .
        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff exon    34679661        34679794        .
        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff exon    34684513        34684798        .
        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff exon    34687075        34687183        .
        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff exon    34691143        34691573        .
        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff exon    34694404        34694568        .
        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff exon    34697122        34697386        .
        -       .       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34667177        34667341        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34668068        34668373        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34669475        34669747        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34671386        34671746        .
        -       1       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34673584        34673777        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34675060        34675445        .
        -       2       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34677726        34678155        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34679661        34679794        .
        -       2       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34684513        34684798        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34687075        34687183        .
        -       1       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34691143        34691573        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34694404        34694568        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff CDS     34697122        34697352        .
        -       0       Parent=Smp_051280.1
SM_V9_PAR2      Liftoff gene    34714046        34716375        .
        -       .
ID=Smp_344220;geneID=Smp_344220;previous_systematic_id=Smp_149550
SM_V9_PAR2      Liftoff mRNA    34714046        34716375        .
        -       .
ID=Smp_344220.1;Parent=Smp_344220;geneID=Smp_344220;product=Glutamyl
-Q tRNA(Asp) synthetase
SM_V9_PAR2      Liftoff exon    34714046        34716375        .
        -       .       Parent=Smp_344220.1
SM_V9_PAR2      Liftoff CDS     34715779        34716210        .
        -       0       Parent=Smp_344220.1
SM_V9_PAR2      Liftoff gene    34742830        34760844        .
        +       .       ID=Smp_149560;geneID=Smp_149560
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SM_V9_PAR2      Liftoff mRNA    34742830        34760844        .
        +       .
ID=Smp_149560.1;Parent=Smp_149560;geneID=Smp_149560;product=Nucleoti
de exchange factor SIL1;polypeptide_domain=InterPro:IPR005455
Pfam:PF00235
SM_V9_PAR2      Liftoff exon    34742830        34755819        .
        +       .       Parent=Smp_149560.1
SM_V9_PAR2      Liftoff exon    34758429        34758609        .
        +       .       Parent=Smp_149560.1
SM_V9_PAR2      Liftoff exon    34760574        34760844        .
        +       .       Parent=Smp_149560.1
SM_V9_PAR2      Liftoff CDS     34755679        34755819        .
        +       0       Parent=Smp_149560.1
SM_V9_PAR2      Liftoff CDS     34758429        34758609        .
        +       0       Parent=Smp_149560.1
SM_V9_PAR2      Liftoff CDS     34760574        34760680        .
        +       2       Parent=Smp_149560.1
SM_V9_PAR2      Liftoff gene    34763096        34773376        .
        -       .       ID=Smp_051290;geneID=Smp_051290
SM_V9_PAR2      Liftoff mRNA    34763096        34773376        .
        -       .
ID=Smp_051290.1;Parent=Smp_051290;geneID=Smp_051290;product=Ig-like
V-type domain-containing protein
FAM187A;polypeptide_domain=InterPro:IPR007110,IPR013783
SM_V9_PAR2      Liftoff exon    34763096        34763826        .
        -       .       Parent=Smp_051290.1
SM_V9_PAR2      Liftoff exon    34766676        34767452        .
        -       .       Parent=Smp_051290.1
SM_V9_PAR2      Liftoff exon    34772967        34773376        .
        -       .       Parent=Smp_051290.1
SM_V9_PAR2      Liftoff CDS     34763196        34763826        .
        -       1       Parent=Smp_051290.1
SM_V9_PAR2      Liftoff CDS     34766676        34767452        .
        -       1       Parent=Smp_051290.1
SM_V9_PAR2      Liftoff CDS     34772967        34773322        .
        -       0       Parent=Smp_051290.1
SM_V9_PAR2      Liftoff mRNA    34763096        34773376        .
        -       .
ID=Smp_051290.2;Parent=Smp_051290;geneID=Smp_051290;product=S-
methyl-5'-thioadenosine
phosphorylase;polypeptide_domain=InterPro:IPR013783
SM_V9_PAR2      Liftoff exon    34763096        34763826        .
        -       .       Parent=Smp_051290.2
SM_V9_PAR2      Liftoff exon    34772967        34773376        .
        -       .       Parent=Smp_051290.2
SM_V9_PAR2      Liftoff CDS     34763196        34763826        .
        -       1       Parent=Smp_051290.2
SM_V9_PAR2      Liftoff CDS     34772967        34773322        .
        -       0       Parent=Smp_051290.2
SM_V9_PAR2      Liftoff gene    34783690        34792709        .
        +       .       ID=Smp_051300;geneID=Smp_051300
SM_V9_PAR2      Liftoff mRNA    34783690        34792709        .
        +       .
ID=Smp_051300.1;Parent=Smp_051300;geneID=Smp_051300;product=TAR DNA-
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binding protein 43;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    34783690        34785346        .
        +       .       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff exon    34785387        34785553        .
        +       .       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff exon    34785586        34785726        .
        +       .       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff exon    34785757        34785861        .
        +       .       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff exon    34785896        34786109        .
        +       .       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff exon    34786152        34792709        .
        +       .       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff CDS     34785106        34785346        .
        +       0       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff CDS     34785387        34785553        .
        +       2       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff CDS     34785586        34785726        .
        +       0       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff CDS     34785757        34785861        .
        +       0       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff CDS     34785896        34786109        .
        +       0       Parent=Smp_051300.1
SM_V9_PAR2      Liftoff CDS     34786152        34786318        .
        +       2       Parent=Smp_051300.1
SM_V9_PAR2      iris    gene    34805116        34805601        .
        +       .
ID=Smp_324190;geneID=Smp_324190;gene_name=Smp_324190;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    34805116        34805601        .
        +       .
ID=Smp_324190.1;Parent=Smp_324190;geneID=Smp_324190;gene_name=Smp_32
4190;owner=irisadmin@local.host;orig_id=Smp_324190.1;date_last_modif
ied=2022-08-19;Name=Smp_324190.1;product=5-azacytidine-induced
protein 2;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    34805116        34805601        .
        +       .       Parent=Smp_324190.1;Name=5886f3aa-dcf5-4a6e-
ab34-6af6b4bddb03
SM_V9_PAR2      iris    CDS     34805278        34805403        .
        +       0       Parent=Smp_324190.1
SM_V9_PAR2      Liftoff gene    34829792        34884303        .
        +       .       ID=Smp_324200;geneID=Smp_324200
SM_V9_PAR2      Liftoff mRNA    34829792        34884303        .
        +       .
ID=Smp_324200.1;Parent=Smp_324200;geneID=Smp_324200;product=Protein
arginine N-methyltransferase 5
SM_V9_PAR2      Liftoff exon    34829792        34846938        .
        +       .       Parent=Smp_324200.1
SM_V9_PAR2      Liftoff exon    34881492        34884303        .
        +       .       Parent=Smp_324200.1
SM_V9_PAR2      Liftoff CDS     34846891        34846938        .
        +       0       Parent=Smp_324200.1
SM_V9_PAR2      Liftoff CDS     34881492        34881650        .
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        +       0       Parent=Smp_324200.1
SM_V9_PAR2      Liftoff gene    34887332        34893964        .
        +       .
ID=Smp_344230;geneID=Smp_344230;previous_systematic_id=Smp_149570
SM_V9_PAR2      Liftoff mRNA    34887332        34893964        .
        +       .
ID=Smp_344230.1;Parent=Smp_344230;geneID=Smp_344230;product=POU
domain, class 3, transcription factor 1-
A;polypeptide_domain=InterPro:IPR000327,IPR001356,IPR009057,IPR01098
2,IPR013847,IPR017970
Pfam:PF00046,PF00157;Ontology_term=GO:0003677,GO:0003700,GO:0006355,
GO:0043565
SM_V9_PAR2      Liftoff exon    34887332        34893964        .
        +       .       Parent=Smp_344230.1
SM_V9_PAR2      Liftoff CDS     34887769        34892751        .
        +       0       Parent=Smp_344230.1
SM_V9_PAR2      Liftoff gene    34939172        34951226        .
        +       .       ID=Smp_051320;geneID=Smp_051320
SM_V9_PAR2      Liftoff mRNA    34939172        34951226        .
        +       .
ID=Smp_051320.1;Parent=Smp_051320;geneID=Smp_051320;product=DNA-
(apurinic or apyrimidinic site)
lyase;polypeptide_domain=InterPro:IPR004808,IPR005135,IPR020847,IPR0
20848
Pfam:PF03372;Ontology_term=GO:0003677,GO:0004518,GO:0004519,GO:00056
22,GO:0006281
SM_V9_PAR2      Liftoff exon    34939172        34939234        .
        +       .       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff exon    34939280        34939357        .
        +       .       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff exon    34939390        34939515        .
        +       .       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff exon    34939550        34939820        .
        +       .       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff exon    34939853        34939999        .
        +       .       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff exon    34947301        34947484        .
        +       .       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff exon    34951025        34951226        .
        +       .       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff CDS     34939214        34939234        .
        +       0       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff CDS     34939280        34939357        .
        +       0       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff CDS     34939390        34939515        .
        +       0       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff CDS     34939550        34939820        .
        +       0       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff CDS     34939853        34939999        .
        +       2       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff CDS     34947301        34947484        .
        +       2       Parent=Smp_051320.1
SM_V9_PAR2      Liftoff CDS     34951025        34951142        .
        +       1       Parent=Smp_051320.1
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SM_V9_PAR2	Liftoff	gene	34962982	35068066	.
	+	.
ID=Smp_345430;geneID=Smp_345430;previous_systematic_id=Smp_163650
SM_V9_PAR2	Liftoff	mRNA	34962982	35068066	.
	+	.
ID=Smp_345430.1;Parent=Smp_345430;geneID=Smp_345430;product=Carboxyl
-terminal PDZ ligand of neuronal nitric oxide synthase
protein;polypeptide_domain=InterPro:IPR006020,IPR011993
Pfam:PF00640;Ontology_term=GO:0005515
SM_V9_PAR2	Liftoff	exon	34962982	34963324	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35003767	35003838	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35016538	35016630	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35046457	35046698	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35047315	35047423	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35050507	35051626	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35055065	35055255	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35057327	35057539	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35059290	35059691	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35063682	35064244	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	exon	35067106	35068066	.
	+	.	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	34963214	34963324	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35003767	35003838	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35016538	35016630	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35046457	35046698	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35047315	35047423	.
	+	1	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35050507	35051626	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35055065	35055255	.
	+	2	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35057327	35057539	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35059290	35059691	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35063682	35064244	.
	+	0	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	CDS	35067106	35067394	.
	+	1	Parent=Smp_345430.1
SM_V9_PAR2	Liftoff	mRNA	34962982	35068066	.
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        +       .
ID=Smp_345430.2;Parent=Smp_345430;geneID=Smp_345430;product=Carboxyl
-terminal PDZ ligand of neuronal nitric oxide synthase
protein;polypeptide_domain=InterPro:IPR006020,IPR011993
Pfam:PF00640;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    34962982        34963324        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35003767        35003838        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35016538        35016630        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35046457        35046698        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35047315        35047423        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35050507        35051626        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35055065        35055255        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35057327        35057539        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35059290        35059691        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff exon    35063682        35068066        .
        +       .       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     34963214        34963324        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35003767        35003838        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35016538        35016630        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35046457        35046698        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35047315        35047423        .
        +       1       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35050507        35051626        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35055065        35055255        .
        +       2       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35057327        35057539        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35059290        35059691        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      Liftoff CDS     35063682        35064248        .
        +       0       Parent=Smp_345430.2
SM_V9_PAR2      iris    gene    35078896        35106144        .
        +       .
ID=Smp_163660;geneID=Smp_163660;gene_name=Smp_163660;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    35078896        35106144        .
        +       .
ID=Smp_163660.1;Parent=Smp_163660;geneID=Smp_163660;gene_name=Smp_16
3660;owner=irisadmin@local.host;orig_id=Smp_163660.1;date_last_modif
ied=2022-08-19;Name=Smp_163660.1;product=Adenylate kinase
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7;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    35078896        35079166        .
        +       .
Parent=Smp_163660.1;Name=ff226903-735f-4c4a-81d4-6929d80a91aa
SM_V9_PAR2      iris    exon    35085155        35085358        .
        +       .       Parent=Smp_163660.1;Name=9e50dfe5-fd17-40ff-
b954-fc3c5c41550f
SM_V9_PAR2      iris    exon    35085392        35085502        .
        +       .       Parent=Smp_163660.1;Name=0dce0b0a-a5e6-425d-
b7d3-0567a89ebc3f
SM_V9_PAR2      iris    exon    35085549        35085632        .
        +       .       Parent=Smp_163660.1;Name=78b8a017-b8c4-41d2-
bf56-6aa4a272d812
SM_V9_PAR2      iris    exon    35087146        35087231        .
        +       .       Parent=Smp_163660.1;Name=90984b1e-4d16-42bd-
a920-f9aa882865e2
SM_V9_PAR2      iris    exon    35087646        35087736        .
        +       .
Parent=Smp_163660.1;Name=34f46e9f-1e58-46d7-8fdf-d89fb9e9fcae
SM_V9_PAR2      iris    exon    35089313        35089390        .
        +       .       Parent=Smp_163660.1;Name=36128d66-
d246-4de4-94ec-8d9e491fdbae
SM_V9_PAR2      iris    exon    35091039        35091188        .
        +       .       Parent=Smp_163660.1;Name=b1c14323-d5ad-411c-
b676-aaf0ee5e6534
SM_V9_PAR2      iris    exon    35092941        35093069        .
        +       .       Parent=Smp_163660.1;Name=75ae733a-
d7d8-4575-9fd1-872ad74996dc
SM_V9_PAR2      iris    exon    35094141        35094298        .
        +       .
Parent=Smp_163660.1;Name=76da91f0-8cb4-4d71-9d3a-4cb3073c3944
SM_V9_PAR2      iris    exon    35096350        35096450        .
        +       .       Parent=Smp_163660.1;Name=7d5bdb63-9d7e-4d7b-
bda8-52f0e0875223
SM_V9_PAR2      iris    exon    35098142        35098707        .
        +       .       Parent=Smp_163660.1;Name=42854f17-6194-4491-
a63d-53df941680d8
SM_V9_PAR2      iris    exon    35100270        35100467        .
        +       .       Parent=Smp_163660.1;Name=eff7fc72-
d0b7-459f-910f-4b2735052012
SM_V9_PAR2      iris    exon    35103326        35103484        .
        +       .       Parent=Smp_163660.1;Name=37d141f4-da2d-4428-
bd42-3d0d673c5683
SM_V9_PAR2      iris    exon    35105859        35106144        .
        +       .       Parent=Smp_163660.1;Name=894ac7ea-3e4c-42e0-
abfa-c0d06349a821
SM_V9_PAR2      iris    CDS     35078924        35079166        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35085155        35085358        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35085392        35085502        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35085549        35085632        .
        +       0       Parent=Smp_163660.1
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SM_V9_PAR2      iris    CDS     35087146        35087231        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35087646        35087736        .
        +       1       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35089313        35089390        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35091039        35091188        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35092941        35093069        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35094141        35094298        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35096350        35096450        .
        +       1       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35098142        35098707        .
        +       2       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35100270        35100467        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35103326        35103484        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    CDS     35105859        35105897        .
        +       0       Parent=Smp_163660.1
SM_V9_PAR2      iris    gene    35108021        35121980        .
        -       .
ID=Smp_077070;geneID=Smp_077070;gene_name=Smp_077070;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    35108021        35121980        .
        -       .
ID=Smp_077070.1;Parent=Smp_077070;geneID=Smp_077070;gene_name=Smp_07
7070;owner=irisadmin@local.host;orig_id=Smp_077070.1;date_last_modif
ied=2022-08-15;Name=Smp_077070.1;product=Density-regulated protein
homolog;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    35108021        35108138        .
        -       .       Parent=Smp_077070.1;Name=1cf33d1e-
d47a-4af2-9541-55f13f662683
SM_V9_PAR2      iris    exon    35109778        35109920        .
        -       .
Parent=Smp_077070.1;Name=481541b3-044b-439d-8dac-c1fd0e539227
SM_V9_PAR2      iris    exon    35119833        35119994        .
        -       .
Parent=Smp_077070.1;Name=6dd2da3e-892f-410b-9bb6-6a2d919fc104
SM_V9_PAR2      iris    exon    35120032        35120136        .
        -       .       Parent=Smp_077070.1;Name=bf3ec2e6-93e7-4a23-
a128-eba3cd69b929
SM_V9_PAR2      iris    exon    35120172        35120280        .
        -       .       Parent=Smp_077070.1;Name=bf529b45-08be-4582-
bbce-c7ed9dfb8f8a
SM_V9_PAR2      iris    exon    35121931        35121980        .
        -       .       Parent=Smp_077070.1;Name=6bcd10bf-c471-4a58-
a238-be59eca5bb20
SM_V9_PAR2      iris    CDS     35108094        35108138        .
        -       0       Parent=Smp_077070.1
SM_V9_PAR2      iris    CDS     35109778        35109920        .
        -       2       Parent=Smp_077070.1
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SM_V9_PAR2	iris	CDS	35119833	35119994	.
	-	2	Parent=Smp_077070.1
SM_V9_PAR2	iris	CDS	35120032	35120136	.
	-	2	Parent=Smp_077070.1
SM_V9_PAR2	iris	CDS	35120172	35120253	.
	-	0	Parent=Smp_077070.1
SM_V9_PAR2	iris	gene	35132373	35143213	.
	+	.
ID=Smp_077090;geneID=Smp_077090;gene_name=Smp_077090;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	35132373	35143213	.
	+	.
ID=Smp_077090.1;Parent=Smp_077090;geneID=Smp_077090;gene_name=Smp_07
7090;owner=irisadmin@local.host;orig_id=Smp_077090.1;date_last_modif
ied=2022-08-19;Name=Smp_077090.1;product=Iron-sulfur cluster
assembly enzyme ISCU, mitochondrial;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	35132373	35132428	.
	+	.
Parent=Smp_077090.1;Name=0ae1eb08-17f6-4b92-8dc6-4c8d366fe6b3
SM_V9_PAR2	iris	exon	35140387	35140622	.
	+	.
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SM_V9_PAR2	iris	CDS	35141751	35141934	.
	+	0	Parent=Smp_077090.1
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SM_V9_PAR2	Liftoff	gene	35165958	35167538	.
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	-	.	Parent=Smp_324210.1
SM_V9_PAR2	Liftoff	CDS	35166870	35167316	.
	-	0	Parent=Smp_324210.1
SM_V9_PAR2	Liftoff	gene	35178262	35205161	.
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SM_V9_PAR2	Liftoff	mRNA	35178262	35205161	.
	+	.
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SM_V9_PAR2	Liftoff	exon	35183956	35184103	.
	+	.	Parent=Smp_163670.1
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SM_V9_PAR2	Liftoff	exon	35195550	35195778	.
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SM_V9_PAR2	Liftoff	exon	35198761	35199092	.
	+	.	Parent=Smp_163670.1
SM_V9_PAR2	Liftoff	exon	35203958	35205161	.
	+	.	Parent=Smp_163670.1
SM_V9_PAR2	Liftoff	CDS	35181451	35181772	.
	+	0	Parent=Smp_163670.1
SM_V9_PAR2	Liftoff	CDS	35183956	35184103	.
	+	2	Parent=Smp_163670.1
SM_V9_PAR2	Liftoff	CDS	35195550	35195778	.
	+	1	Parent=Smp_163670.1
SM_V9_PAR2	Liftoff	CDS	35198761	35199092	.
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SM_V9_PAR2	Liftoff	CDS	35203958	35205068	.
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SM_V9_PAR2	iris	exon	35213008	35213687	.
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SM_V9_PAR2	iris	exon	35215811	35216548	.
	-	.	Parent=Smp_245470.1;Name=9adbcc4b-67f9-4859-
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SM_V9_PAR2	iris	exon	35219331	35219484	.
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SM_V9_PAR2	iris	exon	35245627	35245767	.
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SM_V9_PAR2      iris    CDS     35245842        35245944        .
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SM_V9_PAR2      Liftoff mRNA    35253109        35283884        .
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Pfam:PF08190;Ontology_term=GO:0005737,GO:0070286
SM_V9_PAR2      Liftoff exon    35253109        35253614        .
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SM_V9_PAR2      Liftoff exon    35253738        35253925        .
        -       .       Parent=Smp_077120.1
SM_V9_PAR2      Liftoff exon    35255719        35256043        .
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SM_V9_PAR2      Liftoff exon    35263307        35263793        .
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SM_V9_PAR2      Liftoff exon    35268195        35268696        .
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SM_V9_PAR2      Liftoff exon    35271343        35271965        .
        -       .       Parent=Smp_077120.1
SM_V9_PAR2      Liftoff exon    35276851        35277062        .
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SM_V9_PAR2      Liftoff exon    35281355        35281817        .
        -       .       Parent=Smp_077120.1
SM_V9_PAR2      Liftoff exon    35281912        35282245        .
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SM_V9_PAR2      Liftoff exon    35283596        35283884        .
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SM_V9_PAR2      Liftoff CDS     35253292        35253614        .
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SM_V9_PAR2      Liftoff CDS     35255719        35256043        .
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SM_V9_PAR2      Liftoff CDS     35263307        35263793        .
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SM_V9_PAR2      Liftoff CDS     35268195        35268696        .
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SM_V9_PAR2      Liftoff CDS     35271343        35271965        .
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SM_V9_PAR2      Liftoff CDS     35276851        35277062        .
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3;date_creation=2022-08-15
SM_V9_PAR2	iris	exon	35326257	35326318	.
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SM_V9_PAR2	iris	exon	35329299	35329362	.
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SM_V9_PAR2	iris	exon	35329604	35329657	.
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SM_V9_PAR2	iris	exon	35332936	35333026	.
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SM_V9_PAR2	iris	exon	35334705	35334935	.
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SM_V9_PAR2	iris	exon	35335826	35335873	.
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SM_V9_PAR2	iris	CDS	35332936	35333026	.
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SM_V9_PAR2	iris	CDS	35334705	35334935	.
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SM_V9_PAR2	iris	gene	35349294	35381534	.
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ied=2022-07-19;Name=Smp_163710.1;product=MEG-6;date_creation=2022-07
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SM_V9_PAR2      iris    exon    35352920        35352939        .
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SM_V9_PAR2      iris    exon    35354354        35354360        .
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SM_V9_PAR2      iris    exon    35354481        35354501        .
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Parent=Smp_163710.1;Name=3a7b0da7-829b-4ef3-9830-469ef2ab795f
SM_V9_PAR2      iris    exon    35355534        35355551        .
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Parent=Smp_163710.1;Name=b575dcfc-9d07-4782-9ebc-7a15c64917c7
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SM_V9_PAR2      iris    exon    35361216        35361236        .
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SM_V9_PAR2      iris    exon    35368946        35368957        .
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SM_V9_PAR2      iris    exon    35374862        35374882        .
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SM_V9_PAR2      iris    CDS     35361216        35361236        .
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SM_V9_PAR2      iris    CDS     35381413        35381447        .
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SM_V9_PAR2      Liftoff gene    35395337        35421201        .
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SM_V9_PAR2      Liftoff mRNA    35395337        35421201        .
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SM_V9_PAR2      Liftoff exon    35396536        35396667        .
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SM_V9_PAR2      Liftoff exon    35420621        35421201        .
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SM_V9_PAR2      Liftoff CDS     35396536        35396667        .
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SM_V9_PAR2      Liftoff CDS     35409103        35409236        .
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SM_V9_PAR2      Liftoff CDS     35412981        35413067        .
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SM_V9_PAR2	Liftoff	exon	35469994	35470094	.
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SM_V9_PAR2	Liftoff	exon	35470242	35470427	.
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SM_V9_PAR2	Liftoff	CDS	35464668	35464793	.
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SM_V9_PAR2	Liftoff	CDS	35468211	35468410	.
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SM_V9_PAR2	Liftoff	CDS	35469137	35469534	.
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SM_V9_PAR2	Liftoff	CDS	35469994	35470094	.
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SM_V9_PAR2      Liftoff CDS     35470242        35470427        .
        +       0       Parent=Smp_077180.1
SM_V9_PAR2      Liftoff CDS     35471359        35471670        .
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SM_V9_PAR2      iris    gene    35474473        35506420        .
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ID=Smp_307080;geneID=Smp_307080;gene_name=Smp_307080;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    35474473        35506420        .
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ied=2022-07-19;Name=Smp_307080.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    35474473        35475079        .
        -       .
Parent=Smp_307080.1;Name=3cc51ec4-56dd-4743-8aae-a1d0bcfb50e7
SM_V9_PAR2      iris    exon    35477189        35477366        .
        -       .       Parent=Smp_307080.1;Name=91a62954-faec-4d4b-
b8bf-94c08a7bfb3f
SM_V9_PAR2      iris    exon    35479925        35480216        .
        -       .       Parent=Smp_307080.1;Name=b758c6b1-
bd3b-4bec-845b-205049f9153a
SM_V9_PAR2      iris    exon    35482667        35483511        .
        -       .       Parent=Smp_307080.1;Name=ad5f1028-194e-4f76-
b424-169aa87381dd
SM_V9_PAR2      iris    exon    35485755        35486150        .
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Parent=Smp_307080.1;Name=a0d02449-371a-4726-96fe-04801a1673bb
SM_V9_PAR2      iris    exon    35488521        35488634        .
        -       .       Parent=Smp_307080.1;Name=0a96db3d-98bf-4b55-
b6bf-fdec0af19631
SM_V9_PAR2      iris    exon    35492657        35492887        .
        -       .       Parent=Smp_307080.1;Name=1635457c-f0ce-4b79-
a702-b6df9f0514a4
SM_V9_PAR2      iris    exon    35494916        35495039        .
        -       .
Parent=Smp_307080.1;Name=654e9d5e-235f-4c39-8a3a-7c90ec1f9733
SM_V9_PAR2      iris    exon    35496834        35496891        .
        -       .       Parent=Smp_307080.1;Name=d019a78b-
c2bd-419d-8e46-b402f3e9983a
SM_V9_PAR2      iris    exon    35501846        35502171        .
        -       .       Parent=Smp_307080.1;Name=bd917966-8cd4-442f-
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SM_V9_PAR2      iris    exon    35503952        35504502        .
        -       .       Parent=Smp_307080.1;Name=e0777812-
d94e-4221-952d-4c9cbec26a30
SM_V9_PAR2      iris    exon    35506059        35506292        .
        -       .       Parent=Smp_307080.1;Name=ff0636d0-7bb4-4548-
bab3-74a86ea3e936
SM_V9_PAR2      iris    exon    35506336        35506420        .
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Parent=Smp_307080.1;Name=cad8c507-5fba-4eae-851c-91d7646f430a
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SM_V9_PAR2	iris	CDS	35477189	35477366	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35479925	35480216	.
	-	1	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35482667	35483511	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35485755	35486150	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35488521	35488634	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35492657	35492887	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35494916	35495039	.
	-	1	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35496834	35496891	.
	-	2	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35501846	35502171	.
	-	1	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35503952	35504502	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35506059	35506292	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	CDS	35506336	35506407	.
	-	0	Parent=Smp_307080.1
SM_V9_PAR2	iris	gene	35524927	35668025	.
	-	.
ID=Smp_307090;geneID=Smp_307090;gene_name=Smp_307090;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2	iris	mRNA	35524927	35668025	.
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member 2;date_creation=2022-08-15
SM_V9_PAR2	iris	exon	35524927	35525604	.
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Parent=Smp_307090.1;Name=ffc499c1-7b97-4476-90d1-21c38e10307f
SM_V9_PAR2	iris	exon	35528869	35529145	.
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bfac-4460-91e9-15a5e9c20d04
SM_V9_PAR2	iris	exon	35531593	35531943	.
	-	.	Parent=Smp_307090.1;Name=a18e3320-ef3a-4aef-
b3f4-6914aaad11e8
SM_V9_PAR2	iris	exon	35535666	35535835	.
	-	.
Parent=Smp_307090.1;Name=c5107d57-0f05-4e08-87e6-96283c73d749
SM_V9_PAR2	iris	exon	35543055	35543258	.
	-	.	Parent=Smp_307090.1;Name=1a2bc68d-e57f-4381-
be97-e8018c8601de
SM_V9_PAR2	iris	exon	35545950	35545979	.
	-	.	Parent=Smp_307090.1;Name=17c070b2-ec12-4ddb-
b882-18c02a63e5b2
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SM_V9_PAR2	iris	exon	35548873	35549046	.
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f185-4cce-9331-68dbbe79ccdb
SM_V9_PAR2	iris	exon	35550587	35550731	.
	-	.	Parent=Smp_307090.1;Name=f644b4a6-
b671-40ad-8f4b-a529551c3dd4
SM_V9_PAR2	iris	exon	35551536	35551939	.
	-	.	Parent=Smp_307090.1;Name=015ec231-166c-4436-
b50b-97b42f043f4e
SM_V9_PAR2	iris	exon	35552927	35553421	.
	-	.
Parent=Smp_307090.1;Name=3cc13059-142e-42bc-9f35-31173df1b6fc
SM_V9_PAR2	iris	exon	35554582	35554725	.
	-	.	Parent=Smp_307090.1;Name=ca3144c7-e113-4c11-
ad68-d6e5f03a682a
SM_V9_PAR2	iris	exon	35555601	35555825	.
	-	.	Parent=Smp_307090.1;Name=89d64317-0cfc-4513-
b886-95a7562946da
SM_V9_PAR2	iris	exon	35557835	35558140	.
	-	.	Parent=Smp_307090.1;Name=0165a517-
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SM_V9_PAR2	iris	exon	35560407	35560571	.
	-	.	Parent=Smp_307090.1;Name=57248065-ae0b-4b38-
ba83-ece1b3978df7
SM_V9_PAR2	iris	exon	35563283	35563435	.
	-	.	Parent=Smp_307090.1;Name=15a7fa17-1f3b-4a9e-
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SM_V9_PAR2	iris	exon	35564309	35564941	.
	-	.
Parent=Smp_307090.1;Name=f0fd3f0e-1123-44aa-8ba6-0b041ab4b226
SM_V9_PAR2	iris	exon	35566556	35570995	.
	-	.	Parent=Smp_307090.1;Name=25b940bb-
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SM_V9_PAR2	iris	exon	35572267	35572782	.
	-	.	Parent=Smp_307090.1;Name=7e62cab3-c030-4911-
a8a5-ee9aca39df41
SM_V9_PAR2	iris	exon	35574655	35575035	.
	-	.
Parent=Smp_307090.1;Name=9dbba273-47d9-4794-8209-f7c340b4dbc1
SM_V9_PAR2	iris	exon	35579636	35579788	.
	-	.	Parent=Smp_307090.1;Name=8ffde554-4532-4385-
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SM_V9_PAR2	iris	exon	35580285	35580533	.
	-	.	Parent=Smp_307090.1;Name=32b69174-
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SM_V9_PAR2	iris	exon	35586750	35586881	.
	-	.
Parent=Smp_307090.1;Name=2c14f912-9f25-4817-916d-ab176cdfa626
SM_V9_PAR2	iris	exon	35589511	35589690	.
	-	.	Parent=Smp_307090.1;Name=7a0533a6-be38-4c46-
b5d1-82ffde23ea55
SM_V9_PAR2	iris	exon	35591746	35591904	.
	-	.	Parent=Smp_307090.1;Name=dc022b03-b243-43d6-
a768-c30f5c16be3a
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SM_V9_PAR2	iris	exon	35599750	35599992	.
	-	.	Parent=Smp_307090.1;Name=92dddce8-
d10e-4d89-80be-be6882c3cf5f
SM_V9_PAR2	iris	exon	35601788	35601964	.
	-	.
Parent=Smp_307090.1;Name=3c90701a-87df-44b9-9322-5711631ae9f3
SM_V9_PAR2	iris	exon	35604978	35605244	.
	-	.
Parent=Smp_307090.1;Name=0cc94e09-28be-4c02-8f76-bdbaf9917ca8
SM_V9_PAR2	iris	exon	35607859	35608230	.
	-	.
Parent=Smp_307090.1;Name=0b577e22-7d7b-421c-85bb-f66f10de3730
SM_V9_PAR2	iris	exon	35610991	35611395	.
	-	.	Parent=Smp_307090.1;Name=4f5d296c-91a2-46a9-
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SM_V9_PAR2	iris	exon	35613222	35613338	.
	-	.	Parent=Smp_307090.1;Name=b2de0653-526c-4a2e-
b155-857c2bff1fd4
SM_V9_PAR2	iris	exon	35613725	35613822	.
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Parent=Smp_307090.1;Name=0c8b4975-7b75-4b78-9555-e16a3a183d39
SM_V9_PAR2	iris	exon	35614172	35614368	.
	-	.
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SM_V9_PAR2	iris	exon	35616361	35616381	.
	-	.	Parent=Smp_307090.1;Name=dc52ace1-e427-4049-
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SM_V9_PAR2	iris	exon	35617967	35618082	.
	-	.	Parent=Smp_307090.1;Name=c5804a7b-0ee4-4b43-
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SM_V9_PAR2	iris	exon	35620614	35620706	.
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SM_V9_PAR2	iris	exon	35623103	35623186	.
	-	.	Parent=Smp_307090.1;Name=0767bbeb-120f-4870-
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SM_V9_PAR2	iris	exon	35626922	35627017	.
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Parent=Smp_307090.1;Name=db8d5d99-2dac-454d-9fcc-b2899d69032c
SM_V9_PAR2	iris	exon	35628122	35628183	.
	-	.	Parent=Smp_307090.1;Name=17f9b97d-ccfd-4ca6-
ba18-28343e714582
SM_V9_PAR2	iris	exon	35650216	35650512	.
	-	.	Parent=Smp_307090.1;Name=8e38bfaa-e0b0-4eba-
bff5-7a649520b98b
SM_V9_PAR2	iris	exon	35667281	35668025	.
	-	.
Parent=Smp_307090.1;Name=b4e04f8e-22fb-4ede-8f50-75239a94e393
SM_V9_PAR2	iris	CDS	35525599	35525604	.
	-	0	Parent=Smp_307090.1
SM_V9_PAR2	iris	CDS	35528869	35529145	.
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SM_V9_PAR2      iris    CDS     35531593        35531943        .
        -       1       Parent=Smp_307090.1
SM_V9_PAR2      iris    CDS     35535666        35535835        .
        -       0       Parent=Smp_307090.1
SM_V9_PAR2      iris    CDS     35543055        35543258        .
        -       0       Parent=Smp_307090.1
SM_V9_PAR2      iris    CDS     35545950        35545979        .
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SM_V9_PAR2      iris    CDS     35548873        35549046        .
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SM_V9_PAR2      iris    CDS     35551536        35551939        .
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SM_V9_PAR2      iris    CDS     35552927        35553421        .
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SM_V9_PAR2      iris    CDS     35557835        35558140        .
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SM_V9_PAR2      iris    CDS     35563283        35563435        .
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SM_V9_PAR2      iris    CDS     35599750        35599992        .
        -       0       Parent=Smp_307090.1
SM_V9_PAR2      iris    CDS     35601788        35601964        .
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SM_V9_PAR2      iris    CDS     35604978        35605244        .
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SM_V9_PAR2      iris    CDS     35607859        35608230        .
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        -       0       Parent=Smp_307090.1
SM_V9_PAR2      iris    CDS     35613725        35613822        .
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SM_V9_PAR2      iris    CDS     35614172        35614368        .
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SM_V9_PAR2      iris    CDS     35616361        35616381        .
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SM_V9_PAR2      iris    CDS     35623103        35623186        .
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SM_V9_PAR2      iris    CDS     35626922        35627017        .
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SM_V9_PAR2      iris    CDS     35628122        35628183        .
        -       2       Parent=Smp_307090.1
SM_V9_PAR2      iris    CDS     35650216        35650512        .
        -       2       Parent=Smp_307090.1
SM_V9_PAR2      iris    CDS     35667281        35667941        .
        -       0       Parent=Smp_307090.1
SM_V9_PAR2      iris    gene    35679810        35690306        .
        +       .
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ID=Smp_077230.1;Parent=Smp_077230;geneID=Smp_077230;gene_name=Smp_07
7230;owner=irisadmin@local.host;orig_id=Smp_077230.2;date_last_modif
ied=2022-07-19;Name=Smp_077230.1;product=Golgi SNAP receptor complex
member 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    35679810        35680226        .
        +       .       Parent=Smp_077230.1;Name=071f2752-0043-4e58-
af61-3af6e462490d
SM_V9_PAR2      iris    exon    35687734        35687971        .
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Parent=Smp_077230.1;Name=8ee05e30-3af6-4716-910a-18ec98366f10
SM_V9_PAR2      iris    exon    35689679        35690306        .
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Parent=Smp_077230.1;Name=467b388d-379e-45cf-8e71-a40885d4e14b
SM_V9_PAR2      iris    CDS     35679985        35680226        .
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SM_V9_PAR2      iris    CDS     35687734        35687971        .
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SM_V9_PAR2      iris    CDS     35689679        35690080        .
        +       0       Parent=Smp_077230.1
SM_V9_PAR2      Liftoff gene    35700964        35714168        .
        +       .       ID=Smp_194840;geneID=Smp_194840
SM_V9_PAR2      Liftoff mRNA    35700964        35714168        .
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ID=Smp_194840.1;Parent=Smp_194840;geneID=Smp_194840;product=Epididym
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E1;polypeptide_domain=InterPro:IPR003172,IPR014756,IPR033916
Pfam:PF02221;Ontology_term=GO:0032367
SM_V9_PAR2      Liftoff exon    35700964        35701156        .
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SM_V9_PAR2      Liftoff exon    35705203        35705310        .
        +       .       Parent=Smp_194840.1
SM_V9_PAR2      Liftoff exon    35710609        35710787        .
        +       .       Parent=Smp_194840.1
SM_V9_PAR2      Liftoff exon    35713810        35714168        .
        +       .       Parent=Smp_194840.1
SM_V9_PAR2      Liftoff CDS     35701087        35701156        .
        +       0       Parent=Smp_194840.1
SM_V9_PAR2      Liftoff CDS     35705203        35705310        .
        +       2       Parent=Smp_194840.1
SM_V9_PAR2      Liftoff CDS     35710609        35710787        .
        +       2       Parent=Smp_194840.1
SM_V9_PAR2      Liftoff CDS     35713810        35713893        .
        +       0       Parent=Smp_194840.1
SM_V9_PAR2      Liftoff gene    35716643        35830858        .
        -       .       ID=Smp_163750;geneID=Smp_163750
SM_V9_PAR2      Liftoff mRNA    35716643        35830858        .
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2 Pfam:PF00168,PF08150,PF08151,PF16165;Ontology_term=GO:0016021
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        -       .       Parent=Smp_163750.1
SM_V9_PAR2      Liftoff exon    35720706        35720806        .
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SM_V9_PAR2      Liftoff CDS     35782669        35782783        .
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SM_V9_PAR2      Liftoff CDS     35830508        35830586        .
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Pfam:PF05053;Ontology_term=GO:0005515,GO:0005634
SM_V9_PAR2      Liftoff exon    35909051        35911931        .
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SM_V9_PAR2      Liftoff exon    35913912        35914475        .
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SM_V9_PAR2      Liftoff exon    35916155        35916324        .
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SM_V9_PAR2      Liftoff exon    35917823        35918307        .
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SM_V9_PAR2      Liftoff exon    35919790        35920346        .
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SM_V9_PAR2      Liftoff exon    35929385        35930219        .
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SM_V9_PAR2      Liftoff CDS     35910637        35911931        .
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SM_V9_PAR2      Liftoff CDS     35913912        35914475        .
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SM_V9_PAR2      Liftoff CDS     35917823        35918307        .
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SM_V9_PAR2      iris    mRNA    35945169        35951494        .
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SM_V9_PAR2      iris    exon    35968020        35968923        .
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        +       1       Parent=Smp_163790.1
SM_V9_PAR2      Liftoff CDS     36169215        36169298        .
        +       2       Parent=Smp_163790.1
SM_V9_PAR2      Liftoff CDS     36171734        36171951        .
        +       2       Parent=Smp_163790.1
SM_V9_PAR2      iris    gene    36201990        36319013        .
        -       .
ID=Smp_163810;geneID=Smp_163810;gene_name=Smp_163810;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    36201990        36319013        .
        -       .
ID=Smp_163810.1;Parent=Smp_163810;geneID=Smp_163810;gene_name=Smp_16
3810;owner=irisadmin@local.host;orig_id=Smp_163810.1;date_last_modif
ied=2022-07-19;Name=Smp_163810.1;product=Laminin-like protein
lam-2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    36201990        36204078        .
        -       .       Parent=Smp_163810.1;Name=c21ae3f3-97ec-47e8-
a62e-218cb4d252c5
SM_V9_PAR2      iris    exon    36205743        36205980        .
        -       .       Parent=Smp_163810.1;Name=3b07c1dd-7da4-4a37-
a984-50843612461c
SM_V9_PAR2      iris    exon    36214073        36214275        .
        -       .       Parent=Smp_163810.1;Name=60a0c44c-
a9b5-4c62-944d-cb8bbbb06a09
SM_V9_PAR2      iris    exon    36237197        36237434        .
        -       .       Parent=Smp_163810.1;Name=045321e4-cf21-4eb4-
a7e0-b7b6ca0c783d
SM_V9_PAR2      iris    exon    36242486        36242672        .
        -       .
Parent=Smp_163810.1;Name=1be6c6f9-7462-4dda-941b-84501ef45906
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SM_V9_PAR2      iris    exon    36245248        36245385        .
        -       .       Parent=Smp_163810.1;Name=7a8ab211-28fa-4088-
b693-4da5436fb22f
SM_V9_PAR2      iris    exon    36254732        36254922        .
        -       .       Parent=Smp_163810.1;Name=7a40ed2d-
bc03-4d24-9243-4ac37255b7f7
SM_V9_PAR2      iris    exon    36266873        36266979        .
        -       .       Parent=Smp_163810.1;Name=af746b43-27ec-42e1-
babb-3d030ff18450
SM_V9_PAR2      iris    exon    36270531        36270780        .
        -       .       Parent=Smp_163810.1;Name=9d248e5b-3544-435d-
b642-b1741ccfddba
SM_V9_PAR2      iris    exon    36271761        36272021        .
        -       .       Parent=Smp_163810.1;Name=761be151-fa6d-4b08-
a4a6-d63f57d98182
SM_V9_PAR2      iris    exon    36274455        36274752        .
        -       .
Parent=Smp_163810.1;Name=251b7835-43bf-4103-88c0-d2ae6e52e9dd
SM_V9_PAR2      iris    exon    36275520        36275637        .
        -       .
Parent=Smp_163810.1;Name=530ae84b-8f6e-4866-9f47-72680a3a26ec
SM_V9_PAR2      iris    exon    36279044        36279247        .
        -       .
Parent=Smp_163810.1;Name=c2ee3afd-8631-4e27-8ad1-ad839a829844
SM_V9_PAR2      iris    exon    36288059        36288241        .
        -       .
Parent=Smp_163810.1;Name=d4c176e3-4dab-4b86-9af5-210142386f48
SM_V9_PAR2      iris    exon    36290212        36290310        .
        -       .       Parent=Smp_163810.1;Name=4691ee86-
a4da-4d4b-9f3e-29f3cfe39f8a
SM_V9_PAR2      iris    exon    36295328        36295402        .
        -       .       Parent=Smp_163810.1;Name=98b6dafa-fe04-49a6-
b4b6-b516829ee8e4
SM_V9_PAR2      iris    exon    36296986        36297113        .
        -       .       Parent=Smp_163810.1;Name=d53d52ed-8d3c-48c7-
bd9c-b8d3200d0013
SM_V9_PAR2      iris    exon    36297753        36297860        .
        -       .       Parent=Smp_163810.1;Name=50d138b8-5ecc-4a8b-
a73a-4fe891363fe0
SM_V9_PAR2      iris    exon    36301048        36301363        .
        -       .       Parent=Smp_163810.1;Name=bdad2ab8-5960-4346-
ae51-67f73d5294c1
SM_V9_PAR2      iris    exon    36302760        36302944        .
        -       .
Parent=Smp_163810.1;Name=887a191f-3ce8-4d61-89e2-07773e717e7c
SM_V9_PAR2      iris    exon    36305638        36305768        .
        -       .       Parent=Smp_163810.1;Name=6b3cda36-
b3ac-4783-97fd-a77f625b7528
SM_V9_PAR2      iris    exon    36309177        36309478        .
        -       .       Parent=Smp_163810.1;Name=026e973f-c003-46f9-
be2c-d675514fc293
SM_V9_PAR2      iris    exon    36318503        36319013        .
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b669-c3001cafef0b
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SM_V9_PAR2      iris    CDS     36203768        36204078        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36205743        36205980        .
        -       0       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36214073        36214275        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36237197        36237434        .
        -       0       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36242486        36242672        .
        -       1       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36245248        36245385        .
        -       1       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36254732        36254922        .
        -       0       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36266873        36266979        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36270531        36270780        .
        -       0       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36271761        36272021        .
        -       0       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36274455        36274752        .
        -       1       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36275520        36275637        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36279044        36279247        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36288059        36288241        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36290212        36290310        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36295328        36295402        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36296986        36297113        .
        -       1       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36297753        36297860        .
        -       1       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36301048        36301363        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36302760        36302944        .
        -       1       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36305638        36305768        .
        -       0       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36309177        36309478        .
        -       2       Parent=Smp_163810.1
SM_V9_PAR2      iris    CDS     36318503        36318899        .
        -       0       Parent=Smp_163810.1
SM_V9_PAR2      iris    gene    36329200        36339106        .
        +       .
ID=Smp_335210;geneID=Smp_335210;gene_name=Smp_335210;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    36329200        36339106        .
        +       .
ID=Smp_335210.1;Parent=Smp_335210;geneID=Smp_335210;gene_name=Smp_33
5210;owner=irisadmin@local.host;orig_id=Smp_335210.1;date_last_modif
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ied=2022-08-15;Name=Smp_335210.1;product=Spermatogenesis-associated
protein 17;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    36329200        36329287        .
        +       .
Parent=Smp_335210.1;Name=16f4306a-4342-488b-9c67-c47fa88185df
SM_V9_PAR2      iris    exon    36329326        36329422        .
        +       .       Parent=Smp_335210.1;Name=6aff12d6-409f-41c6-
a6a8-202050f2cef8
SM_V9_PAR2      iris    exon    36329469        36329558        .
        +       .
Parent=Smp_335210.1;Name=6a320a20-9fc0-434a-87db-632f25998fc1
SM_V9_PAR2      iris    exon    36333016        36333148        .
        +       .       Parent=Smp_335210.1;Name=a725e7e2-6959-422f-
add3-3e5d120b33e7
SM_V9_PAR2      iris    exon    36333202        36333305        .
        +       .       Parent=Smp_335210.1;Name=5cf7f44c-5bbe-400d-
bc7b-d1a1b6f656c1
SM_V9_PAR2      iris    exon    36334034        36334192        .
        +       .
Parent=Smp_335210.1;Name=ff2136d4-711a-4ad0-8617-dedaae73a851
SM_V9_PAR2      iris    exon    36336227        36336511        .
        +       .
Parent=Smp_335210.1;Name=d8e0a196-1efb-40fe-9d4e-2787553f1bc9
SM_V9_PAR2      iris    exon    36338673        36339106        .
        +       .
Parent=Smp_335210.1;Name=f78baf38-9b0e-44f1-8dc2-2602b80d3b05
SM_V9_PAR2      iris    CDS     36329358        36329422        .
        +       0       Parent=Smp_335210.1
SM_V9_PAR2      iris    CDS     36329469        36329558        .
        +       1       Parent=Smp_335210.1
SM_V9_PAR2      iris    CDS     36333016        36333148        .
        +       1       Parent=Smp_335210.1
SM_V9_PAR2      iris    CDS     36333202        36333305        .
        +       0       Parent=Smp_335210.1
SM_V9_PAR2      iris    CDS     36334034        36334192        .
        +       1       Parent=Smp_335210.1
SM_V9_PAR2      iris    CDS     36336227        36336511        .
        +       1       Parent=Smp_335210.1
SM_V9_PAR2      iris    CDS     36338673        36338892        .
        +       1       Parent=Smp_335210.1
SM_V9_PAR2      iris    gene    36341698        36426013        .
        -       .
ID=Smp_163820;geneID=Smp_163820;gene_name=Smp_163820;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    36341698        36426013        .
        -       .
ID=Smp_163820.1;Parent=Smp_163820;geneID=Smp_163820;gene_name=Smp_16
3820;owner=irisadmin@local.host;orig_id=Smp_163820.1;date_last_modif
ied=2022-07-19;Name=Smp_163820.1;product=Probable phospholipid-
transporting ATPase IF;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    36341698        36342794        .
        -       .
Parent=Smp_163820.1;Name=0b25cb63-1cdc-4232-8724-3f7106c1aa7b
SM_V9_PAR2      iris    exon    36344285        36345412        .
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        -       .       Parent=Smp_163820.1;Name=01b41c4c-88a7-443a-
bf3f-34419bdadcb0
SM_V9_PAR2      iris    exon    36346932        36347050        .
        -       .       Parent=Smp_163820.1;Name=f24d134b-
f849-4388-8bde-b2adf83f3690
SM_V9_PAR2      iris    exon    36347090        36347162        .
        -       .       Parent=Smp_163820.1;Name=7b64cf2e-063d-4ed2-
b1b1-8ebbd2f4d868
SM_V9_PAR2      iris    exon    36349219        36349593        .
        -       .       Parent=Smp_163820.1;Name=15135380-ae3b-452d-
a49b-aa85376f8868
SM_V9_PAR2      iris    exon    36354052        36354234        .
        -       .       Parent=Smp_163820.1;Name=261c8910-701e-4870-
bfa5-c392ce2ecc00
SM_V9_PAR2      iris    exon    36364358        36364444        .
        -       .       Parent=Smp_163820.1;Name=0ea7ebbe-
f829-4cac-9978-9bee2721c389
SM_V9_PAR2      iris    exon    36403013        36403510        .
        -       .       Parent=Smp_163820.1;Name=6da1704d-0c45-4a2f-
afa4-890e6754a8fd
SM_V9_PAR2      iris    exon    36424599        36426013        .
        -       .
Parent=Smp_163820.1;Name=b2d57b81-8171-400f-8048-85ce68360f58
SM_V9_PAR2      iris    CDS     36342420        36342794        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36344285        36345412        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36346932        36347050        .
        -       2       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36347090        36347162        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36349219        36349593        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36354052        36354234        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36364358        36364444        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36403013        36403510        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    CDS     36424599        36425807        .
        -       0       Parent=Smp_163820.1
SM_V9_PAR2      iris    gene    36445947        36453547        .
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ID=Smp_163830;geneID=Smp_163830;gene_name=Smp_163830;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    36445947        36453547        .
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ID=Smp_163830.1;Parent=Smp_163830;geneID=Smp_163830;gene_name=Smp_16
3830;owner=irisadmin@local.host;orig_id=Smp_163830.1;date_last_modif
ied=2022-07-19;Name=Smp_163830.1;product=39S ribosomal protein L39,
mitochondrial;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    36445947        36446058        .
        +       .
Parent=Smp_163830.1;Name=68dfa30d-4f6b-45e9-9d12-8458b572e2e5
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SM_V9_PAR2      iris    exon    36449473        36449852        .
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Parent=Smp_163830.1;Name=237cf64d-0c7b-44e2-8904-9e560aa8b94a
SM_V9_PAR2      iris    exon    36451752        36452222        .
        +       .       Parent=Smp_163830.1;Name=7e8b78ce-
f311-4bab-8f27-5446d918924a
SM_V9_PAR2      iris    exon    36452989        36453547        .
        +       .
Parent=Smp_163830.1;Name=d004e850-4bd4-4c28-9ade-9b3ed92ccb75
SM_V9_PAR2      iris    CDS     36449496        36449852        .
        +       0       Parent=Smp_163830.1
SM_V9_PAR2      iris    CDS     36451752        36452222        .
        +       0       Parent=Smp_163830.1
SM_V9_PAR2      iris    CDS     36452989        36453231        .
        +       0       Parent=Smp_163830.1
SM_V9_PAR2      Liftoff gene    36456629        36457263        .
        -       .       ID=Smp_077390;geneID=Smp_077390
SM_V9_PAR2      Liftoff mRNA    36456629        36457263        .
        -       .
ID=Smp_077390.1;Parent=Smp_077390;geneID=Smp_077390;product=Gamma-
aminobutyric acid receptor subunit pi
SM_V9_PAR2      Liftoff exon    36456629        36456992        .
        -       .       Parent=Smp_077390.1
SM_V9_PAR2      Liftoff exon    36457028        36457263        .
        -       .       Parent=Smp_077390.1
SM_V9_PAR2      Liftoff CDS     36456879        36456992        .
        -       0       Parent=Smp_077390.1
SM_V9_PAR2      Liftoff CDS     36457028        36457114        .
        -       0       Parent=Smp_077390.1
SM_V9_PAR2      Liftoff gene    36457759        36459413        .
        -       .       ID=Smp_077400;geneID=Smp_077400
SM_V9_PAR2      Liftoff mRNA    36457759        36459413        .
        -       .
ID=Smp_077400.1;Parent=Smp_077400;geneID=Smp_077400;product=Ubiquiti
n-like-conjugating enzyme
ATG3;polypeptide_domain=InterPro:IPR007134,IPR007135,IPR019461
Pfam:PF03986,PF03987,PF10381
SM_V9_PAR2      Liftoff exon    36457759        36459413        .
        -       .       Parent=Smp_077400.1
SM_V9_PAR2      Liftoff CDS     36458118        36459101        .
        -       0       Parent=Smp_077400.1
SM_V9_PAR2      iris    gene    36486371        36499887        .
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ID=Smp_163840;geneID=Smp_163840;gene_name=Smp_163840;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    36486371        36499887        .
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ID=Smp_163840.1;Parent=Smp_163840;geneID=Smp_163840;gene_name=Smp_16
3840;owner=irisadmin@local.host;orig_id=Smp_163840.1;date_last_modif
ied=2022-08-15;Name=Smp_163840.1;product=Tumor protein p63-regulated
gene 1-like protein;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    36486371        36486681        .
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SM_V9_PAR2	iris	exon	36493011	36493099	.
	+	.	Parent=Smp_163840.1;Name=c9055691-0e45-4110-
b3cf-8efa66f3a89a
SM_V9_PAR2	iris	exon	36495662	36495838	.
	+	.	Parent=Smp_163840.1;Name=1bc58833-9815-446c-
b494-0ef35a9a5c8d
SM_V9_PAR2	iris	exon	36497639	36497903	.
	+	.
Parent=Smp_163840.1;Name=0285b3c9-357f-4dca-93f7-fdbcb711cb80
SM_V9_PAR2	iris	exon	36499304	36499887	.
	+	.	Parent=Smp_163840.1;Name=81c158ca-6975-42c7-
ab9a-8c9b0ea53369
SM_V9_PAR2	iris	CDS	36486550	36486681	.
	+	0	Parent=Smp_163840.1
SM_V9_PAR2	iris	CDS	36493011	36493099	.
	+	0	Parent=Smp_163840.1
SM_V9_PAR2	iris	CDS	36495662	36495838	.
	+	1	Parent=Smp_163840.1
SM_V9_PAR2	iris	CDS	36497639	36497903	.
	+	1	Parent=Smp_163840.1
SM_V9_PAR2	iris	CDS	36499304	36499408	.
	+	0	Parent=Smp_163840.1
SM_V9_PAR2	Liftoff	gene	36514104	36522498	.
	+	.	ID=Smp_163850;geneID=Smp_163850
SM_V9_PAR2	Liftoff	mRNA	36514104	36522498	.
	+	.
ID=Smp_163850.1;Parent=Smp_163850;geneID=Smp_163850;product=TIP41-
like protein;polypeptide_domain=InterPro:IPR007303 Pfam:PF04176
SM_V9_PAR2	Liftoff	exon	36514104	36519411	.
	+	.	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	exon	36519447	36519558	.
	+	.	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	exon	36520233	36520482	.
	+	.	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	exon	36522119	36522498	.
	+	.	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	CDS	36519145	36519411	.
	+	0	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	CDS	36519447	36519558	.
	+	0	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	CDS	36520233	36520482	.
	+	2	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	CDS	36522119	36522269	.
	+	1	Parent=Smp_163850.1
SM_V9_PAR2	Liftoff	gene	36526178	36538071	.
	-	.
ID=Smp_243820;geneID=Smp_243820;previous_systematic_id=Smp_163860,Sm
p_163870
SM_V9_PAR2	Liftoff	mRNA	36526178	36538071	.
	-	.
ID=Smp_243820.1;Parent=Smp_243820;geneID=Smp_243820;product=Hypothet
ical protein
SM_V9_PAR2	Liftoff	exon	36526178	36526590	.
	-	.	Parent=Smp_243820.1
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SM_V9_PAR2	Liftoff	exon	36528756	36529084	.
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SM_V9_PAR2	Liftoff	exon	36531987	36532282	.
	-	.	Parent=Smp_243820.1
SM_V9_PAR2	Liftoff	exon	36536091	36538071	.
	-	.	Parent=Smp_243820.1
SM_V9_PAR2	Liftoff	CDS	36526234	36526590	.
	-	0	Parent=Smp_243820.1
SM_V9_PAR2	Liftoff	CDS	36528756	36529084	.
	-	2	Parent=Smp_243820.1
SM_V9_PAR2	Liftoff	CDS	36531987	36532282	.
	-	1	Parent=Smp_243820.1
SM_V9_PAR2	Liftoff	CDS	36536091	36536116	.
	-	0	Parent=Smp_243820.1
SM_V9_PAR2	Liftoff	gene	36554914	36581725	.
	+	.
ID=Smp_163880;geneID=Smp_163880;previous_systematic_id=Smp_077440
SM_V9_PAR2	Liftoff	mRNA	36554914	36581725	.
	+	.
ID=Smp_163880.1;Parent=Smp_163880;geneID=Smp_163880;product=BTB/POZ
domain-containing protein
9;polypeptide_domain=InterPro:IPR000210,IPR000421,IPR008979,IPR01133
3,IPR011705 Pfam:PF00651,PF00754,PF07707;Ontology_term=GO:0005515
SM_V9_PAR2	Liftoff	exon	36554914	36555283	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36557608	36557832	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36558923	36559238	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36563587	36563814	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36565658	36566002	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36567992	36568439	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36575247	36575475	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36576832	36577022	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36578924	36579110	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	exon	36580813	36581725	.
	+	.	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	CDS	36554939	36555283	.
	+	0	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	CDS	36557608	36557832	.
	+	0	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	CDS	36558923	36559238	.
	+	0	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	CDS	36563587	36563814	.
	+	2	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	CDS	36565658	36566002	.
	+	2	Parent=Smp_163880.1
SM_V9_PAR2	Liftoff	CDS	36567992	36568439	.
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SM_V9_PAR2      Liftoff CDS     36575247        36575475        .
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SM_V9_PAR2      Liftoff CDS     36576832        36577022        .
        +       0       Parent=Smp_163880.1
SM_V9_PAR2      Liftoff CDS     36578924        36579110        .
        +       1       Parent=Smp_163880.1
SM_V9_PAR2      Liftoff CDS     36580813        36581265        .
        +       0       Parent=Smp_163880.1
SM_V9_PAR2      Liftoff gene    36585431        36616990        .
        -       .
ID=Smp_243830;geneID=Smp_243830;previous_systematic_id=Smp_163890,Sm
p_163900
SM_V9_PAR2      Liftoff mRNA    36585431        36616990        .
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ID=Smp_243830.1;Parent=Smp_243830;geneID=Smp_243830;product=Dopamine
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hydroxylase;polypeptide_domain=InterPro:IPR000323,IPR000945,IPR00897
7,IPR014784,IPR020611,IPR024548
Pfam:PF01082,PF03712;Ontology_term=GO:0003824,GO:0004497,GO:0005507,
GO:0016715,GO:0055114
SM_V9_PAR2      Liftoff exon    36585431        36585644        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36588663        36588807        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36591450        36591640        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36595184        36595369        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36596387        36596553        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36599174        36599276        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36605224        36605394        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36607043        36607126        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36609102        36609338        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36612645        36612818        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff exon    36616581        36616990        .
        -       .       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36585537        36585644        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36588663        36588807        .
        -       1       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36591450        36591640        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36595184        36595369        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36596387        36596553        .
        -       2       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36599174        36599276        .
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SM_V9_PAR2      Liftoff CDS     36605224        36605394        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36607043        36607126        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36609102        36609338        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36612645        36612818        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff CDS     36616581        36616925        .
        -       0       Parent=Smp_243830.1
SM_V9_PAR2      Liftoff gene    36622105        36794750        .
        -       .
ID=Smp_345440;geneID=Smp_345440;previous_systematic_id=Smp_163920,Sm
p_188590
SM_V9_PAR2      Liftoff mRNA    36622105        36794750        .
        -       .
ID=Smp_345440.1;Parent=Smp_345440;geneID=Smp_345440;product=Hemicent
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009030,IPR013032,IPR013098,IPR013106,IPR013783,IPR018097,IPR024079,I
PR026823
Pfam:PF00090,PF07474,PF07645,PF07679,PF12662,PF13927;Ontology_term=G
O:0005509,GO:0008237
SM_V9_PAR2      Liftoff exon    36622105        36623780        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36627481        36627637        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36628770        36628893        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36630178        36630306        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36630954        36631013        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36633047        36633316        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36634922        36635041        .
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SM_V9_PAR2      Liftoff exon    36636516        36636785        .
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SM_V9_PAR2      Liftoff exon    36638327        36638644        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36639372        36639663        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36642105        36642331        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36643113        36643526        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36645521        36645725        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36647442        36647642        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36648377        36648590        .
        -       .       Parent=Smp_345440.1
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SM_V9_PAR2	Liftoff	exon	36648687	36648860	.
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SM_V9_PAR2	Liftoff	exon	36652673	36652844	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36659229	36659303	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36660143	36660301	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36660999	36661130	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36663184	36663318	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36664690	36664774	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36666793	36666983	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36668936	36669018	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36671028	36671223	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36672140	36672245	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36674352	36674524	.
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SM_V9_PAR2	Liftoff	exon	36677144	36677256	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36680493	36680649	.
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SM_V9_PAR2	Liftoff	exon	36681354	36681599	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36682543	36682803	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36683726	36684040	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36685926	36686210	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36688126	36688240	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36689180	36689400	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36695982	36696112	.
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SM_V9_PAR2	Liftoff	exon	36696668	36696821	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36698346	36698621	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36708084	36708186	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36711341	36711522	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36712953	36713115	.
	-	.	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	exon	36715311	36715429	.
	-	.	Parent=Smp_345440.1
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SM_V9_PAR2      Liftoff exon    36718465        36718815        .
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SM_V9_PAR2      Liftoff exon    36719594        36719728        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36722059        36722214        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36722743        36722864        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36724099        36724252        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36725736        36725800        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36726923        36727175        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36730140        36730239        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36738638        36738819        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36739897        36740229        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36741592        36741673        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36744594        36744790        .
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SM_V9_PAR2      Liftoff exon    36748028        36748123        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36750028        36750225        .
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        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36754768        36755007        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36756721        36756899        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36761407        36761498        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36764079        36764307        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36768942        36769087        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36770898        36771127        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36772332        36772516        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36774962        36775270        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36777004        36777187        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36778652        36778774        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36782210        36782439        .
        -       .       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff exon    36794516        36794750        .
        -       .       Parent=Smp_345440.1
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SM_V9_PAR2      Liftoff CDS     36623250        36623780        .
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SM_V9_PAR2      Liftoff CDS     36627481        36627637        .
        -       1       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36628770        36628893        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36630178        36630306        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36630954        36631013        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36633047        36633316        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36634922        36635041        .
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SM_V9_PAR2      Liftoff CDS     36636516        36636785        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36638327        36638644        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36639372        36639663        .
        -       0       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36642105        36642331        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36643113        36643526        .
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SM_V9_PAR2      Liftoff CDS     36648377        36648590        .
        -       1       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36648687        36648860        .
        -       1       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36652673        36652844        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36659229        36659303        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36660143        36660301        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36660999        36661130        .
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SM_V9_PAR2      Liftoff CDS     36663184        36663318        .
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SM_V9_PAR2      Liftoff CDS     36664690        36664774        .
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SM_V9_PAR2      Liftoff CDS     36666793        36666983        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36668936        36669018        .
        -       1       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36671028        36671223        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36672140        36672245        .
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SM_V9_PAR2      Liftoff CDS     36674352        36674524        .
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SM_V9_PAR2	Liftoff	CDS	36677144	36677256	.
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SM_V9_PAR2	Liftoff	CDS	36680493	36680649	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36681354	36681599	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36682543	36682803	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36683726	36684040	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36685926	36686210	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36688126	36688240	.
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SM_V9_PAR2	Liftoff	CDS	36689180	36689400	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36695982	36696112	.
	-	1	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36696668	36696821	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36698346	36698621	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36708084	36708186	.
	-	0	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36711341	36711522	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36712953	36713115	.
	-	0	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36715311	36715429	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36718465	36718815	.
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SM_V9_PAR2	Liftoff	CDS	36719594	36719728	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36722059	36722214	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36722743	36722864	.
	-	1	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36724099	36724252	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36725736	36725800	.
	-	1	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36726923	36727175	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36730140	36730239	.
	-	0	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36738638	36738819	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36739897	36740229	.
	-	2	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36741592	36741673	.
	-	0	Parent=Smp_345440.1
SM_V9_PAR2	Liftoff	CDS	36744594	36744790	.
	-	2	Parent=Smp_345440.1
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SM_V9_PAR2      Liftoff CDS     36748028        36748123        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36750028        36750225        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36752634        36752781        .
        -       0       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36754768        36755007        .
        -       0       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36756721        36756899        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36761407        36761498        .
        -       1       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36764079        36764307        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36768942        36769087        .
        -       1       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36770898        36771127        .
        -       0       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36772332        36772516        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36774962        36775270        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36777004        36777187        .
        -       0       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36778652        36778774        .
        -       0       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36782210        36782439        .
        -       2       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff CDS     36794516        36794738        .
        -       0       Parent=Smp_345440.1
SM_V9_PAR2      Liftoff gene    36702499        36703230        .
        -       .       ID=Smp_316610;geneID=Smp_316610
SM_V9_PAR2      Liftoff mRNA    36702499        36703230        .
        -       .
ID=Smp_316610.1;Parent=Smp_316610;geneID=Smp_316610;product=Retinoic
acid early-inducible protein 1-delta
SM_V9_PAR2      Liftoff exon    36702499        36703230        .
        -       .       Parent=Smp_316610.1
SM_V9_PAR2      Liftoff CDS     36702522        36703031        .
        -       0       Parent=Smp_316610.1
SM_V9_PAR2      iris    gene    36816083        36854139        .
        -       .
ID=Smp_163930;geneID=Smp_163930;gene_name=Smp_163930;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    36816083        36854139        .
        -       .
ID=Smp_163930.1;Parent=Smp_163930;geneID=Smp_163930;gene_name=Smp_16
3930;owner=irisadmin@local.host;orig_id=Smp_163930.1;date_last_modif
ied=2022-07-19;Name=Smp_163930.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    36816083        36816538        .
        -       .       Parent=Smp_163930.1;Name=4ca4e894-
a3a3-4799-8d67-66761a323b63
SM_V9_PAR2      iris    exon    36818266        36818889        .
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        -       .       Parent=Smp_163930.1;Name=95ad35b4-dd0d-4add-
b081-dd17911382e5
SM_V9_PAR2      iris    exon    36821348        36821856        .
        -       .       Parent=Smp_163930.1;Name=0811c431-8d8d-47fe-
a386-f521b2ec8e75
SM_V9_PAR2      iris    exon    36826163        36826267        .
        -       .       Parent=Smp_163930.1;Name=b6c069e4-c54a-47cb-
b71b-0adce86b0f4e
SM_V9_PAR2      iris    exon    36828264        36828545        .
        -       .
Parent=Smp_163930.1;Name=a4d37a17-3c4e-4b6d-848a-736a8259b4d1
SM_V9_PAR2      iris    exon    36834759        36835048        .
        -       .
Parent=Smp_163930.1;Name=142e6e23-4b2c-4418-86a2-ab5b7d3c80b0
SM_V9_PAR2      iris    exon    36853854        36854139        .
        -       .       Parent=Smp_163930.1;Name=eea898d9-64df-4dcf-
b37d-00a2dabe8c39
SM_V9_PAR2      iris    CDS     36816182        36816538        .
        -       0       Parent=Smp_163930.1
SM_V9_PAR2      iris    CDS     36818266        36818889        .
        -       0       Parent=Smp_163930.1
SM_V9_PAR2      iris    CDS     36821348        36821856        .
        -       2       Parent=Smp_163930.1
SM_V9_PAR2      iris    CDS     36826163        36826267        .
        -       2       Parent=Smp_163930.1
SM_V9_PAR2      iris    CDS     36828264        36828545        .
        -       2       Parent=Smp_163930.1
SM_V9_PAR2      iris    CDS     36834759        36835020        .
        -       0       Parent=Smp_163930.1
SM_V9_PAR2      Liftoff gene    37056860        37097492        .
        -       .       ID=Smp_243840;geneID=Smp_243840
SM_V9_PAR2      Liftoff mRNA    37056860        37097492        .
        -       .
ID=Smp_243840.1;Parent=Smp_243840;geneID=Smp_243840;product=Sex
peptide
receptor;polypeptide_domain=InterPro:IPR000276,IPR017452,IPR019427
Pfam:PF10324;Ontology_term=GO:0004930,GO:0007186,GO:0008528,GO:00160
21
SM_V9_PAR2      Liftoff exon    37056860        37057180        .
        -       .       Parent=Smp_243840.1
SM_V9_PAR2      Liftoff exon    37096310        37097492        .
        -       .       Parent=Smp_243840.1
SM_V9_PAR2      Liftoff CDS     37056992        37057180        .
        -       0       Parent=Smp_243840.1
SM_V9_PAR2      Liftoff CDS     37096310        37097419        .
        -       0       Parent=Smp_243840.1
SM_V9_PAR2      Liftoff gene    37129657        37130202        .
        -       .       ID=Smp_131450;geneID=Smp_131450
SM_V9_PAR2      Liftoff mRNA    37129657        37130202        .
        -       .
ID=Smp_131450.1;Parent=Smp_131450;geneID=Smp_131450;product=40S
ribosomal protein
S3;polypeptide_domain=InterPro:IPR001351,IPR009019,IPR015946
Pfam:PF00189;Ontology_term=GO:0003723,GO:0003735,GO:0005840,GO:00064
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12
SM_V9_PAR2      Liftoff exon    37129657        37130202        .
        -       .       Parent=Smp_131450.1
SM_V9_PAR2      Liftoff CDS     37129715        37130173        .
        -       0       Parent=Smp_131450.1
SM_V9_PAR2      iris    gene    37209947        37222640        .
        +       .
ID=Smp_016990;geneID=Smp_016990;gene_name=Smp_016990;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    37209947        37222640        .
        +       .
ID=Smp_016990.1;Parent=Smp_016990;geneID=Smp_016990;gene_name=Smp_01
6990;owner=irisadmin@local.host;orig_id=Smp_016990.1;date_last_modif
ied=2022-08-15;Name=Smp_016990.1;product=Methylosome subunit
pICln;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    37209947        37210052        .
        +       .       Parent=Smp_016990.1;Name=560a9a9c-5ea0-459a-
a2b2-a4ae373b10e1
SM_V9_PAR2      iris    exon    37218161        37218346        .
        +       .
Parent=Smp_016990.1;Name=f5aad2b0-144f-4fc0-9519-38a8253f9247
SM_V9_PAR2      iris    exon    37219363        37219844        .
        +       .       Parent=Smp_016990.1;Name=77ef10b0-6ed2-4aaa-
afbc-ab9c85dfc2db
SM_V9_PAR2      iris    exon    37222477        37222640        .
        +       .       Parent=Smp_016990.1;Name=93d0d61d-267a-4ce7-
a73b-92415acbe400
SM_V9_PAR2      iris    CDS     37218240        37218346        .
        +       0       Parent=Smp_016990.1
SM_V9_PAR2      iris    CDS     37219363        37219844        .
        +       1       Parent=Smp_016990.1
SM_V9_PAR2      iris    CDS     37222477        37222520        .
        +       2       Parent=Smp_016990.1
SM_V9_PAR2      iris    gene    37225360        37261302        .
        -       .
ID=Smp_131460;geneID=Smp_131460;gene_name=Smp_131460;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    37225360        37261302        .
        -       .
ID=Smp_131460.1;Parent=Smp_131460;geneID=Smp_131460;gene_name=Smp_13
1460;owner=irisadmin@local.host;orig_id=Smp_131460.1;date_last_modif
ied=2022-07-19;Name=Smp_131460.1;product=Bestrophin-3;date_creation=
2022-07-19
SM_V9_PAR2      iris    exon    37225360        37225899        .
        -       .       Parent=Smp_131460.1;Name=5803ce1f-5102-4c2b-
a294-0197c3270fa8
SM_V9_PAR2      iris    exon    37233152        37233420        .
        -       .       Parent=Smp_131460.1;Name=e778dce7-ba83-4687-
b39b-65423a128a7c
SM_V9_PAR2      iris    exon    37242186        37242266        .
        -       .       Parent=Smp_131460.1;Name=bf8bb80f-
e03c-4ed2-89d8-ab195b2f5f8e
SM_V9_PAR2      iris    exon    37244069        37244221        .
        -       .       Parent=Smp_131460.1;Name=a8c1f436-2d5d-44a8-
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a9d0-29ba2bbc98ec
SM_V9_PAR2      iris    exon    37255215        37255450        .
        -       .       Parent=Smp_131460.1;Name=f9ef2f66-46ea-4e6d-
b9ff-fd8c0f5d4463
SM_V9_PAR2      iris    exon    37257989        37258290        .
        -       .       Parent=Smp_131460.1;Name=a28e74cf-a00c-44dd-
ba43-ee87258b2b2f
SM_V9_PAR2      iris    exon    37260976        37261086        .
        -       .
Parent=Smp_131460.1;Name=5c4196ee-9724-4b95-8f9b-6864a79c2c13
SM_V9_PAR2      iris    exon    37261126        37261302        .
        -       .       Parent=Smp_131460.1;Name=400e92b1-
b528-42b8-82a1-b955169ee244
SM_V9_PAR2      iris    CDS     37225878        37225899        .
        -       1       Parent=Smp_131460.1
SM_V9_PAR2      iris    CDS     37233152        37233420        .
        -       0       Parent=Smp_131460.1
SM_V9_PAR2      iris    CDS     37242186        37242266        .
        -       0       Parent=Smp_131460.1
SM_V9_PAR2      iris    CDS     37244069        37244221        .
        -       0       Parent=Smp_131460.1
SM_V9_PAR2      iris    CDS     37255215        37255450        .
        -       2       Parent=Smp_131460.1
SM_V9_PAR2      iris    CDS     37257989        37258290        .
        -       1       Parent=Smp_131460.1
SM_V9_PAR2      iris    CDS     37260976        37261086        .
        -       1       Parent=Smp_131460.1
SM_V9_PAR2      iris    CDS     37261126        37261193        .
        -       0       Parent=Smp_131460.1
SM_V9_PAR2      iris    gene    37275266        37285863        .
        +       .
ID=Smp_017010;geneID=Smp_017010;gene_name=Smp_017010;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    37275266        37285863        .
        +       .
ID=Smp_017010.1;Parent=Smp_017010;geneID=Smp_017010;gene_name=Smp_01
7010;owner=irisadmin@local.host;orig_id=Smp_017010.1;date_last_modif
ied=2022-07-19;Name=Smp_017010.1;product=Eukaryotic translation
initiation factor 4 gamma 3;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    37275266        37275377        .
        +       .       Parent=Smp_017010.1;Name=8087512c-
c9e9-40ba-8a54-f91abd35a8f4
SM_V9_PAR2      iris    exon    37275420        37275450        .
        +       .
Parent=Smp_017010.1;Name=73daa3cc-5705-4f37-9b73-a50d6e817139
SM_V9_PAR2      iris    exon    37275489        37275503        .
        +       .       Parent=Smp_017010.1;Name=1d419067-211c-456c-
b0f7-5ed6c35d63e6
SM_V9_PAR2      iris    exon    37275671        37275692        .
        +       .       Parent=Smp_017010.1;Name=7da627c8-
f329-4ee8-8bc4-fdb167741252
SM_V9_PAR2      iris    exon    37275725        37276443        .
        +       .       Parent=Smp_017010.1;Name=ebde9629-
d63e-4a60-877b-c8ff59b0b260
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SM_V9_PAR2      iris    exon    37276480        37276512        .
        +       .
Parent=Smp_017010.1;Name=f3f8290e-2129-492d-918a-2c4e9700f5e7
SM_V9_PAR2      iris    exon    37276546        37276824        .
        +       .       Parent=Smp_017010.1;Name=6058d441-06ad-4585-
a717-823773196741
SM_V9_PAR2      iris    exon    37278117        37278176        .
        +       .       Parent=Smp_017010.1;Name=11773641-
ea9d-4dfa-99ef-87717f9bc375
SM_V9_PAR2      iris    exon    37278209        37278286        .
        +       .       Parent=Smp_017010.1;Name=62b91d2e-
d1e6-482f-842f-b507b9d2154a
SM_V9_PAR2      iris    exon    37278319        37278820        .
        +       .
Parent=Smp_017010.1;Name=f9832e34-1815-4d5c-8213-4342acc5ce64
SM_V9_PAR2      iris    exon    37278854        37278995        .
        +       .       Parent=Smp_017010.1;Name=0192dfb3-
dc6e-4765-9f39-a68beacda897
SM_V9_PAR2      iris    exon    37279670        37279868        .
        +       .       Parent=Smp_017010.1;Name=b42b700c-bab6-46dc-
a05a-96a09353472e
SM_V9_PAR2      iris    exon    37281765        37281928        .
        +       .       Parent=Smp_017010.1;Name=65ceda94-eca0-4c20-
ad68-1a5e3d0c046f
SM_V9_PAR2      iris    exon    37282491        37282981        .
        +       .       Parent=Smp_017010.1;Name=66228ea8-
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SM_V9_PAR2      iris    exon    37283404        37283520        .
        +       .       Parent=Smp_017010.1;Name=24a991ff-ff68-406d-
a536-2d7a229caa79
SM_V9_PAR2      iris    exon    37284479        37285863        .
        +       .       Parent=Smp_017010.1;Name=030aed49-
f73a-43a7-95ca-3461020fd436
SM_V9_PAR2      iris    CDS     37275328        37275377        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37275420        37275450        .
        +       1       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37275489        37275503        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37275671        37275692        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37275725        37276443        .
        +       2       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37276480        37276512        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37276546        37276824        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37278117        37278176        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37278209        37278286        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37278319        37278820        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37278854        37278995        .
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        +       2       Parent=Smp_017010.1
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        +       1       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37281765        37281928        .
        +       0       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37282491        37282981        .
        +       1       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37283404        37283520        .
        +       2       Parent=Smp_017010.1
SM_V9_PAR2      iris    CDS     37284479        37284618        .
        +       2       Parent=Smp_017010.1
SM_V9_PAR2      Liftoff gene    37345977        37371922        .
        -       .       ID=Smp_017020;geneID=Smp_017020
SM_V9_PAR2      Liftoff mRNA    37345977        37371922        .
        -       .
ID=Smp_017020.1;Parent=Smp_017020;geneID=Smp_017020;product=Visual
system homeobox
1;polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970,IPR02333
9 Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_PAR2      Liftoff exon    37345977        37346279        .
        -       .       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff exon    37353341        37353521        .
        -       .       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff exon    37354701        37354824        .
        -       .       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff exon    37358018        37358861        .
        -       .       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff exon    37370727        37371922        .
        -       .       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff CDS     37346119        37346279        .
        -       2       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff CDS     37353341        37353521        .
        -       0       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff CDS     37354701        37354824        .
        -       1       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff CDS     37358018        37358861        .
        -       2       Parent=Smp_017020.1
SM_V9_PAR2      Liftoff CDS     37370727        37371507        .
        -       0       Parent=Smp_017020.1
SM_V9_PAR2      iris    gene    37394276        37395888        .
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ID=Smp_068500;geneID=Smp_068500;gene_name=Smp_068500;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    37394276        37395888        .
        -       .
ID=Smp_068500.1;Parent=Smp_068500;geneID=Smp_068500;gene_name=Smp_06
8500;owner=irisadmin@local.host;orig_id=Smp_068500.1;date_last_modif
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protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    37394276        37395888        .
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a1d8-03f9e21a9ade
SM_V9_PAR2      iris    CDS     37394362        37395591        .
        -       0       Parent=Smp_068500.1
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SM_V9_PAR2      Liftoff gene    37406386        37409228        .
        -       .       ID=Smp_324230;geneID=Smp_324230
SM_V9_PAR2      Liftoff mRNA    37406386        37409228        .
        -       .
ID=Smp_324230.1;Parent=Smp_324230;geneID=Smp_324230;product=Protein
irg-7
SM_V9_PAR2      Liftoff exon    37406386        37409228        .
        -       .       Parent=Smp_324230.1
SM_V9_PAR2      Liftoff CDS     37408816        37409031        .
        -       0       Parent=Smp_324230.1
SM_V9_PAR2      iris    gene    37505681        37520436        .
        +       .
ID=Smp_131470;geneID=Smp_131470;gene_name=Smp_131470;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    37505681        37520436        .
        +       .
ID=Smp_131470.1;Parent=Smp_131470;geneID=Smp_131470;gene_name=Smp_13
1470;owner=irisadmin@local.host;orig_id=Smp_131470.1;date_last_modif
ied=2022-08-15;Name=Smp_131470.1;product=Protein lifeguard
3;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    37505681        37505901        .
        +       .       Parent=Smp_131470.1;Name=502dd607-22b6-4d11-
a39a-478fd2348581
SM_V9_PAR2      iris    exon    37508672        37508867        .
        +       .       Parent=Smp_131470.1;Name=29bd582f-
ab91-45d7-8054-4e784026433c
SM_V9_PAR2      iris    exon    37509583        37509647        .
        +       .       Parent=Smp_131470.1;Name=c4403b77-0074-4552-
a65b-3def7593f7a9
SM_V9_PAR2      iris    exon    37509695        37509748        .
        +       .
Parent=Smp_131470.1;Name=a28b4ae8-76cf-4ac1-83c1-19e3f48ef3f3
SM_V9_PAR2      iris    exon    37514366        37514456        .
        +       .
Parent=Smp_131470.1;Name=e7d0fdf5-5cd8-48c0-8aaf-1ed8e8354e88
SM_V9_PAR2      iris    exon    37517091        37517321        .
        +       .       Parent=Smp_131470.1;Name=2e982d28-cad2-4b40-
af6d-d8d914d07e81
SM_V9_PAR2      iris    exon    37519085        37519132        .
        +       .       Parent=Smp_131470.1;Name=0726e8cd-7ff7-4190-
abd2-15d962acfaa5
SM_V9_PAR2      iris    exon    37519994        37520436        .
        +       .       Parent=Smp_131470.1;Name=1c0bd072-c5b8-4a60-
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SM_V9_PAR2      iris    CDS     37508733        37508867        .
        +       0       Parent=Smp_131470.1
SM_V9_PAR2      iris    CDS     37509583        37509647        .
        +       0       Parent=Smp_131470.1
SM_V9_PAR2      iris    CDS     37509695        37509748        .
        +       1       Parent=Smp_131470.1
SM_V9_PAR2      iris    CDS     37514366        37514456        .
        +       1       Parent=Smp_131470.1
SM_V9_PAR2      iris    CDS     37517091        37517321        .
        +       0       Parent=Smp_131470.1
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SM_V9_PAR2      iris    CDS     37519085        37519132        .
        +       0       Parent=Smp_131470.1
SM_V9_PAR2      iris    CDS     37519994        37520215        .
        +       0       Parent=Smp_131470.1
SM_V9_PAR2      Liftoff gene    37533372        37537922        .
        +       .       ID=Smp_131480;geneID=Smp_131480
SM_V9_PAR2      Liftoff mRNA    37533372        37537922        .
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ID=Smp_131480.1;Parent=Smp_131480;geneID=Smp_131480;product=Protein
STIG1
SM_V9_PAR2      Liftoff exon    37533372        37533592        .
        +       .       Parent=Smp_131480.1
SM_V9_PAR2      Liftoff exon    37537829        37537922        .
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SM_V9_PAR2      Liftoff CDS     37533372        37533592        .
        +       0       Parent=Smp_131480.1
SM_V9_PAR2      Liftoff CDS     37537829        37537922        .
        +       1       Parent=Smp_131480.1
SM_V9_PAR2      Liftoff gene    37553847        37554588        .
        -       .       ID=Smp_324240;geneID=Smp_324240
SM_V9_PAR2      Liftoff mRNA    37553847        37554588        .
        -       .
ID=Smp_324240.1;Parent=Smp_324240;geneID=Smp_324240;product=Phenylal
anine--tRNA ligase beta subunit
SM_V9_PAR2      Liftoff exon    37553847        37554588        .
        -       .       Parent=Smp_324240.1
SM_V9_PAR2      Liftoff CDS     37554175        37554396        .
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SM_V9_PAR2      Liftoff gene    37572592        37579700        .
        +       .       ID=Smp_324250;geneID=Smp_324250
SM_V9_PAR2      Liftoff mRNA    37572592        37579700        .
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ID=Smp_324250.1;Parent=Smp_324250;geneID=Smp_324250;product=Protein
lifeguard 1
SM_V9_PAR2      Liftoff exon    37572592        37574117        .
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SM_V9_PAR2      Liftoff exon    37575017        37575081        .
        +       .       Parent=Smp_324250.1
SM_V9_PAR2      Liftoff exon    37575129        37575182        .
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SM_V9_PAR2      Liftoff exon    37576564        37576654        .
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SM_V9_PAR2      Liftoff exon    37576990        37577220        .
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SM_V9_PAR2      Liftoff exon    37578292        37578339        .
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SM_V9_PAR2      Liftoff exon    37579186        37579700        .
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SM_V9_PAR2      Liftoff CDS     37574046        37574117        .
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SM_V9_PAR2      Liftoff CDS     37575017        37575081        .
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SM_V9_PAR2      Liftoff CDS     37575129        37575182        .
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SM_V9_PAR2      Liftoff CDS     37579186        37579413        .
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SM_V9_PAR2      Liftoff gene    37605031        37617559        .
        -       .       ID=Smp_131490;geneID=Smp_131490
SM_V9_PAR2      Liftoff mRNA    37605031        37617559        .
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ID=Smp_131490.1;Parent=Smp_131490;geneID=Smp_131490;product=Protein
lifeguard 3
SM_V9_PAR2      Liftoff exon    37605031        37605544        .
        -       .       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff exon    37606391        37606438        .
        -       .       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff exon    37607510        37607740        .
        -       .       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff exon    37608084        37608174        .
        -       .       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff exon    37613989        37614042        .
        -       .       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff exon    37614089        37614153        .
        -       .       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff exon    37615126        37617559        .
        -       .       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff CDS     37605317        37605544        .
        -       0       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff CDS     37606391        37606438        .
        -       0       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff CDS     37607510        37607740        .
        -       0       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff CDS     37608084        37608174        .
        -       1       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff CDS     37613989        37614042        .
        -       1       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff CDS     37614089        37614153        .
        -       0       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff CDS     37615126        37615260        .
        -       0       Parent=Smp_131490.1
SM_V9_PAR2      Liftoff gene    37621379        37622178        .
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ID=Smp_342600;geneID=Smp_342600;previous_systematic_id=Smp_131500
SM_V9_PAR2      Liftoff mRNA    37621379        37622178        .
        -       .
ID=Smp_342600.1;Parent=Smp_342600;geneID=Smp_342600;product=Endopoly
phosphatase
SM_V9_PAR2      Liftoff exon    37621379        37621867        .
        -       .       Parent=Smp_342600.1
SM_V9_PAR2      Liftoff exon    37621925        37622178        .
        -       .       Parent=Smp_342600.1
SM_V9_PAR2      Liftoff CDS     37621450        37621867        .
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        -       1       Parent=Smp_342600.1
SM_V9_PAR2      Liftoff CDS     37621925        37621935        .
        -       0       Parent=Smp_342600.1
SM_V9_PAR2      iris    gene    37647812        37670256        .
        +       .
ID=Smp_017070;geneID=Smp_017070;gene_name=Smp_017070;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    37647812        37670256        .
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ID=Smp_017070.1;Parent=Smp_017070;geneID=Smp_017070;gene_name=Smp_01
7070;owner=irisadmin@local.host;orig_id=Smp_017070.1;date_last_modif
ied=2022-07-19;Name=Smp_017070.1;product=26S proteasome subunit
RPT4;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    37647812        37647967        .
        +       .
Parent=Smp_017070.1;Name=7f48de8d-24c9-4c82-9f93-3933d7255ae5
SM_V9_PAR2      iris    exon    37648003        37648082        .
        +       .       Parent=Smp_017070.1;Name=9b3e72b5-
db45-431a-928b-b6bb7b2edad8
SM_V9_PAR2      iris    exon    37648121        37648160        .
        +       .
Parent=Smp_017070.1;Name=a099a4af-9e22-4bc2-961a-0c269d2d99c1
SM_V9_PAR2      iris    exon    37655137        37655522        .
        +       .       Parent=Smp_017070.1;Name=2abf0e4c-dde7-4737-
b6dd-6897cdc1c3e0
SM_V9_PAR2      iris    exon    37659529        37659753        .
        +       .
Parent=Smp_017070.1;Name=c1b02a90-92b8-471f-8271-9ef983e87f82
SM_V9_PAR2      iris    exon    37661707        37661788        .
        +       .       Parent=Smp_017070.1;Name=50d872b2-2042-4285-
bbf6-4bd8c507da88
SM_V9_PAR2      iris    exon    37661826        37661906        .
        +       .
Parent=Smp_017070.1;Name=3a445fce-9673-47a2-9258-1c23eee353e2
SM_V9_PAR2      iris    exon    37668283        37668354        .
        +       .       Parent=Smp_017070.1;Name=22b22c85-0a25-4aa2-
bee2-eac15df0999d
SM_V9_PAR2      iris    exon    37669923        37670256        .
        +       .       Parent=Smp_017070.1;Name=03084745-ec58-4bad-
b549-6fa006dce4cc
SM_V9_PAR2      iris    CDS     37647865        37647967        .
        +       0       Parent=Smp_017070.1
SM_V9_PAR2      iris    CDS     37648003        37648082        .
        +       2       Parent=Smp_017070.1
SM_V9_PAR2      iris    CDS     37648121        37648160        .
        +       0       Parent=Smp_017070.1
SM_V9_PAR2      iris    CDS     37655137        37655522        .
        +       2       Parent=Smp_017070.1
SM_V9_PAR2      iris    CDS     37659529        37659753        .
        +       0       Parent=Smp_017070.1
SM_V9_PAR2      iris    CDS     37661707        37661788        .
        +       0       Parent=Smp_017070.1
SM_V9_PAR2      iris    CDS     37661826        37661906        .
        +       2       Parent=Smp_017070.1
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SM_V9_PAR2	iris	CDS	37668283	37668354	.
	+	2	Parent=Smp_017070.1
SM_V9_PAR2	iris	CDS	37669923	37670041	.
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SM_V9_PAR2	iris	gene	37672275	37675942	.
	-	.
ID=Smp_340265;geneID=Smp_340265;gene_name=Smp_340265;owner=irisadmin
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SM_V9_PAR2	iris	mRNA	37672275	37675942	.
	-	.
ID=Smp_340265.1;Parent=Smp_340265;geneID=Smp_340265;gene_name=Smp_34
0265;owner=irisadmin@local.host;orig_id=Smp_340260.1;date_last_modif
ied=2022-07-19;Name=Smp_340265.1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	37672275	37673156	.
	-	.	Parent=Smp_340265.1;Name=Smp_340265.1-CDS
SM_V9_PAR2	iris	exon	37673615	37674046	.
	-	.
Parent=Smp_340265.1;Name=55daa3fa-8b59-41af-9422-3233311e3c8c
SM_V9_PAR2	iris	exon	37675421	37675942	.
	-	.	Parent=Smp_340265.1;Name=2da56c2c-
edf6-499e-85e1-cfb1344859c8
SM_V9_PAR2	iris	CDS	37672365	37673156	.
	-	0	Parent=Smp_340265.1
SM_V9_PAR2	iris	CDS	37673615	37674046	.
	-	0	Parent=Smp_340265.1
SM_V9_PAR2	iris	CDS	37675421	37675942	.
	-	0	Parent=Smp_340265.1
SM_V9_PAR2	iris	gene	37677829	37697818	.
	-	.
ID=Smp_340260;geneID=Smp_340260;gene_name=Smp_340260;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	37677829	37697818	.
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ID=Smp_340260.1;Parent=Smp_340260;geneID=Smp_340260;gene_name=Smp_34
0260;owner=irisadmin@local.host;orig_id=Smp_340260.2;date_last_modif
ied=2022-07-19;Name=Smp_340260.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	37677829	37678522	.
	-	.	Parent=Smp_340260.1;Name=6f69ff3e-b7dc-4a3d-
afa2-7a0c1695e140
SM_V9_PAR2	iris	exon	37680503	37681131	.
	-	.	Parent=Smp_340260.1;Name=d5a3f0be-3227-4f3d-
ba03-b7a6adc36939
SM_V9_PAR2	iris	exon	37682246	37682588	.
	-	.	Parent=Smp_340260.1;Name=91db6330-8422-4a90-
b621-d1eaede61ce8
SM_V9_PAR2	iris	exon	37684152	37684804	.
	-	.	Parent=Smp_340260.1;Name=32f25ba8-fca4-49e0-
a330-928c2974a7f1
SM_V9_PAR2	iris	exon	37685050	37685631	.
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Parent=Smp_340260.1;Name=631c6cbb-18b8-4b41-8156-59aa7f5932f8
SM_V9_PAR2	iris	exon	37687246	37687863	.
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Parent=Smp_340260.1;Name=a3807636-18ef-422d-9fc4-5c9f22a5a6bc
SM_V9_PAR2      iris    exon    37688597        37689159        .
        -       .       Parent=Smp_340260.1;Name=f3bb4b0a-
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SM_V9_PAR2      iris    exon    37690312        37690712        .
        -       .       Parent=Smp_340260.1;Name=6903715e-c422-4700-
a571-a953c16882c9
SM_V9_PAR2      iris    exon    37692467        37693064        .
        -       .       Parent=Smp_340260.1;Name=f5e1fa2a-4bd8-4fc2-
a7dd-c21ceafd393a
SM_V9_PAR2      iris    exon    37697556        37697818        .
        -       .       Parent=Smp_340260.1;Name=115e0a0a-96fd-4993-
af90-683b404c2be2
SM_V9_PAR2      iris    CDS     37680517        37681131        .
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SM_V9_PAR2      iris    CDS     37684152        37684804        .
        -       0       Parent=Smp_340260.1
SM_V9_PAR2      iris    CDS     37685050        37685631        .
        -       0       Parent=Smp_340260.1
SM_V9_PAR2      iris    CDS     37687246        37687863        .
        -       0       Parent=Smp_340260.1
SM_V9_PAR2      iris    CDS     37688597        37689159        .
        -       2       Parent=Smp_340260.1
SM_V9_PAR2      iris    CDS     37690312        37690712        .
        -       1       Parent=Smp_340260.1
SM_V9_PAR2      iris    CDS     37692467        37693064        .
        -       2       Parent=Smp_340260.1
SM_V9_PAR2      iris    CDS     37697556        37697595        .
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SM_V9_PAR2      iris    gene    37706953        37720285        .
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ID=Smp_316620;geneID=Smp_316620;gene_name=Smp_316620;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2      iris    mRNA    37706953        37720285        .
        -       .
ID=Smp_316620.1;Parent=Smp_316620;geneID=Smp_316620;gene_name=Smp_31
6620;owner=irisadmin@local.host;orig_id=Smp_316620.1;date_last_modif
ied=2022-08-15;Name=Smp_316620.1;product=Surfeit locus protein
1;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    37706953        37707149        .
        -       .       Parent=Smp_316620.1;Name=a03368de-88ac-4f93-
b117-4d90e0fb24b4
SM_V9_PAR2      iris    exon    37708659        37708740        .
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a4d6-4421-8e79-2730daf22372
SM_V9_PAR2      iris    exon    37713203        37713353        .
        -       .       Parent=Smp_316620.1;Name=c2598ba1-0751-44b9-
b7aa-38119e00c5ed
SM_V9_PAR2      iris    exon    37714057        37714104        .
        -       .       Parent=Smp_316620.1;Name=e543bf57-ffef-4856-
b864-39a56ae4bd35
SM_V9_PAR2      iris    exon    37715618        37715690        .
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        -       .       Parent=Smp_316620.1;Name=592c12c3-7b81-4158-
b7af-4ec5145d100c
SM_V9_PAR2      iris    exon    37715758        37715997        .
        -       .       Parent=Smp_316620.1;Name=db3c0cad-2653-4311-
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SM_V9_PAR2      iris    exon    37716047        37716168        .
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Parent=Smp_316620.1;Name=b87015c5-1699-4dcc-94b2-8aa6cf548e1d
SM_V9_PAR2      iris    exon    37717220        37717346        .
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SM_V9_PAR2      iris    exon    37719982        37720285        .
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SM_V9_PAR2      iris    CDS     37707095        37707149        .
        -       1       Parent=Smp_316620.1
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        -       2       Parent=Smp_316620.1
SM_V9_PAR2      iris    CDS     37713203        37713353        .
        -       0       Parent=Smp_316620.1
SM_V9_PAR2      iris    CDS     37714057        37714104        .
        -       0       Parent=Smp_316620.1
SM_V9_PAR2      iris    CDS     37715618        37715690        .
        -       1       Parent=Smp_316620.1
SM_V9_PAR2      iris    CDS     37715758        37715997        .
        -       1       Parent=Smp_316620.1
SM_V9_PAR2      iris    CDS     37716047        37716168        .
        -       0       Parent=Smp_316620.1
SM_V9_PAR2      iris    CDS     37717220        37717339        .
        -       0       Parent=Smp_316620.1
SM_V9_PAR2      Liftoff gene    37734842        37773900        .
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ID=Smp_244100;geneID=Smp_244100;previous_systematic_id=Smp_017110,Sm
p_131520
SM_V9_PAR2      Liftoff mRNA    37734842        37773900        .
        +       .
ID=Smp_244100.1;Parent=Smp_244100;geneID=Smp_244100;product=UBX
domain-containing protein
2;polypeptide_domain=InterPro:IPR001012,IPR003903,IPR006577,IPR00906
0,IPR012336,IPR029071
Pfam:PF00789,PF13899,PF14555;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    37734842        37735019        .
        +       .       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff exon    37735054        37735230        .
        +       .       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff exon    37740781        37740929        .
        +       .       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff exon    37742567        37742773        .
        +       .       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff exon    37743697        37743843        .
        +       .       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff exon    37749461        37749611        .
        +       .       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff exon    37759897        37760189        .
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SM_V9_PAR2      Liftoff exon    37765852        37765992        .
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SM_V9_PAR2      Liftoff exon    37769875        37770300        .
        +       .       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff exon    37772646        37773900        .
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SM_V9_PAR2      Liftoff CDS     37734965        37735019        .
        +       0       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff CDS     37735054        37735230        .
        +       2       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff CDS     37740781        37740929        .
        +       2       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff CDS     37742567        37742773        .
        +       0       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff CDS     37743697        37743843        .
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SM_V9_PAR2      Liftoff CDS     37749461        37749611        .
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SM_V9_PAR2      Liftoff CDS     37765852        37765992        .
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SM_V9_PAR2      Liftoff CDS     37769875        37770300        .
        +       0       Parent=Smp_244100.1
SM_V9_PAR2      Liftoff CDS     37772646        37772804        .
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SM_V9_PAR2      Liftoff mRNA    37775542        37775885        .
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ID=Smp_324260.1;Parent=Smp_324260;geneID=Smp_324260;product=39S
ribosomal protein L33, mitochondrial
SM_V9_PAR2      Liftoff exon    37775542        37775885        .
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SM_V9_PAR2      Liftoff CDS     37775612        37775812        .
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SM_V9_PAR2      iris    gene    37777762        37793648        .
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ID=Smp_333350;geneID=Smp_333350;gene_name=Smp_333350;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    37777762        37793648        .
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ID=Smp_333350.1;Parent=Smp_333350;geneID=Smp_333350;gene_name=Smp_33
3350;owner=irisadmin@local.host;orig_id=Smp_333350.1;date_last_modif
ied=2022-08-19;Name=Smp_333350.1;product=Zinc finger protein ubi-
d4;date_creation=2022-08-19
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        +       .       Parent=Smp_333350.1;Name=b7758e51-
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SM_V9_PAR2      iris    exon    37781370        37782361        .
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Parent=Smp_333350.1;Name=d6deab33-8bac-4087-8bcd-111c09614744
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SM_V9_PAR2      iris    CDS     37783168        37783339        .
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SM_V9_PAR2      iris    CDS     37785183        37786262        .
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SM_V9_PAR2      iris    CDS     37789523        37790622        .
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SM_V9_PAR2      iris    CDS     37791535        37791876        .
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SM_V9_PAR2      Liftoff mRNA    37799313        37839988        .
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ID=Smp_342610.1;Parent=Smp_342610;geneID=Smp_342610;product=RNA
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phosphatase;polypeptide_domain=InterPro:IPR001357,IPR004274,IPR01194
7,IPR023214 Pfam:PF03031;Ontology_term=GO:0004721,GO:0005634
SM_V9_PAR2      Liftoff exon    37799313        37800141        .
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SM_V9_PAR2      Liftoff exon    37802932        37803162        .
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SM_V9_PAR2      Liftoff exon    37806008        37806262        .
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SM_V9_PAR2      Liftoff exon    37808619        37809277        .
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SM_V9_PAR2      Liftoff exon    37812461        37812654        .
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SM_V9_PAR2      Liftoff exon    37815290        37815835        .
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SM_V9_PAR2      Liftoff exon    37829390        37829488        .
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SM_V9_PAR2      Liftoff exon    37835073        37839988        .
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SM_V9_PAR2      Liftoff CDS     37799602        37800141        .
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SM_V9_PAR2      Liftoff CDS     37812461        37812654        .
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SM_V9_PAR2      Liftoff CDS     37815290        37815835        .
        -       1       Parent=Smp_342610.1
SM_V9_PAR2      Liftoff CDS     37817285        37817638        .
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SM_V9_PAR2      Liftoff CDS     37823005        37823412        .
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SM_V9_PAR2      Liftoff CDS     37806008        37806262        .
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SM_V9_PAR2      Liftoff CDS     37832763        37832888        .
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0,IPR011682,IPR015341,IPR027291,IPR028995
Pfam:PF01074,PF07748,PF09261;Ontology_term=GO:0003824,GO:0004559,GO:
0005975,GO:0006013,GO:0030246
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SM_V9_PAR2      Liftoff exon    37998330        37999388        .
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        +       .       Parent=Smp_131580.1
SM_V9_PAR2      Liftoff exon    38003838        38004185        .
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SM_V9_PAR2      Liftoff exon    38011667        38012817        .
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SM_V9_PAR2      Liftoff CDS     37990279        37991529        .
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ID=Smp_160270;geneID=Smp_160270;gene_name=Smp_160270;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    38024763        38027381        .
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ID=Smp_160270.2;Parent=Smp_160270;geneID=Smp_160270;gene_name=Smp_16
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ID=Smp_160270.1;Parent=Smp_160270;geneID=Smp_160270;gene_name=Smp_16
0270;owner=irisadmin@local.host;orig_id=Smp_160270.1;date_last_modif
ied=2022-07-19;Name=Smp_160270.1;product=Zinc finger protein
11;date_creation=2022-07-19
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Parent=Smp_160270.1;Name=c3c2706a-49c6-4b50-9b79-d16af2ddb038
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SM_V9_PAR2      iris    exon    38040511        38042703        .
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SM_V9_PAR2      Liftoff gene    38044338        38062344        .
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ID=Smp_345170;geneID=Smp_345170;previous_systematic_id=Smp_160280
SM_V9_PAR2      Liftoff mRNA    38044338        38062344        .
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ID=Smp_345170.1;Parent=Smp_345170;geneID=Smp_345170;product=Tectonic
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SM_V9_PAR2      Liftoff exon    38046098        38046227        .
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SM_V9_PAR2      Liftoff exon    38059752        38060053        .
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SM_V9_PAR2      Liftoff exon    38061849        38061943        .
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SM_V9_PAR2      Liftoff exon    38061974        38062083        .
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SM_V9_PAR2      Liftoff exon    38062113        38062227        .
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SM_V9_PAR2      Liftoff exon    38062264        38062344        .
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SM_V9_PAR2      Liftoff CDS     38062264        38062330        .
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beta-1;polypeptide_domain=InterPro:IPR000402
Pfam:PF00287;Ontology_term=GO:0005890,GO:0006813,GO:0006814
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SM_V9_PAR2      Liftoff exon    38066373        38066516        .
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SM_V9_PAR2      Liftoff exon    38073463        38073533        .
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ID=Smp_345180.1;Parent=Smp_345180;geneID=Smp_345180;product=Protein
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SM_V9_PAR2      Liftoff exon    38088911        38089001        .
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SM_V9_PAR2      Liftoff exon    38091643        38091707        .
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SM_V9_PAR2      Liftoff exon    38093588        38095700        .
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SM_V9_PAR2      Liftoff exon    38087237        38087284        .
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SM_V9_PAR2      Liftoff exon    38091542        38091595        .
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SM_V9_PAR2      Liftoff CDS     38091643        38091707        .
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SM_V9_PAR2      Liftoff CDS     38234235        38234316        .
        -       1       Parent=Smp_160320.1
SM_V9_PAR2      Liftoff CDS     38235241        38235414        .
        -       1       Parent=Smp_160320.1
SM_V9_PAR2      Liftoff CDS     38237641        38237696        .
        -       0       Parent=Smp_160320.1
SM_V9_PAR2      Liftoff CDS     38238990        38239088        .
        -       0       Parent=Smp_160320.1
SM_V9_PAR2      Liftoff CDS     38240251        38240383        .
        -       1       Parent=Smp_160320.1
SM_V9_PAR2      Liftoff CDS     38242158        38242165        .
        -       0       Parent=Smp_160320.1
SM_V9_PAR2      iris    gene    38248778        38257028        .
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ID=Smp_070330;geneID=Smp_070330;gene_name=Smp_070330;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    38248778        38257028        .
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ID=Smp_070330.1;Parent=Smp_070330;geneID=Smp_070330;gene_name=Smp_07
0330;owner=irisadmin@local.host;orig_id=Smp_070330.2;date_last_modif
ied=2022-07-19;Name=Smp_070330.1;product=FUN14 domain-containing
protein 1B;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    38248778        38248950        .
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Parent=Smp_070330.1;Name=4ee7734f-97ac-43c3-9fcd-daec588add81
SM_V9_PAR2      iris    exon    38248988        38249063        .
        +       .       Parent=Smp_070330.1;Name=fcbbe3b2-2fdf-4522-
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ade5-55f44f96103a
SM_V9_PAR2      iris    exon    38249930        38250028        .
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Parent=Smp_070330.1;Name=ef9819f8-7e23-48df-9b33-3b268e500392
SM_V9_PAR2      iris    exon    38256537        38257028        .
        +       .       Parent=Smp_070330.1;Name=d67f18c6-ef4a-4b8b-
b317-46a9a08a720c
SM_V9_PAR2      iris    CDS     38248835        38248950        .
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SM_V9_PAR2      iris    CDS     38248988        38249063        .
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SM_V9_PAR2      iris    CDS     38249930        38250028        .
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SM_V9_PAR2      iris    exon    38248988        38249063        .
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SM_V9_PAR2      iris    exon    38249930        38250028        .
        +       .       Parent=Smp_070330.2;Name=4dc7b0b0-edbd-4076-
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SM_V9_PAR2      iris    exon    38252025        38252042        .
        +       .       Parent=Smp_070330.2;Name=5246ddf1-65eb-4ea5-
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SM_V9_PAR2      iris    exon    38256537        38257028        .
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Parent=Smp_070330.2;Name=5429d765-5b14-4cfc-8567-41031f7262b1
SM_V9_PAR2      iris    CDS     38248835        38248950        .
        +       0       Parent=Smp_070330.2
SM_V9_PAR2      iris    CDS     38248988        38249063        .
        +       1       Parent=Smp_070330.2
SM_V9_PAR2      iris    CDS     38249930        38250028        .
        +       0       Parent=Smp_070330.2
SM_V9_PAR2      iris    CDS     38252025        38252042        .
        +       0       Parent=Smp_070330.2
SM_V9_PAR2      iris    CDS     38256537        38256617        .
        +       0       Parent=Smp_070330.2
SM_V9_PAR2      iris    gene    38269461        38286244        .
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ID=Smp_070340;geneID=Smp_070340;gene_name=Smp_070340;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    38269461        38286244        .
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ID=Smp_070340.1;Parent=Smp_070340;geneID=Smp_070340;gene_name=Smp_07
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methyltransferase 1.4;date_creation=2022-07-19
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        -       .       Parent=Smp_070340.1;Name=c338d06b-ce65-4861-
af15-5f628f97c4d4
SM_V9_PAR2      iris    exon    38271702        38272362        .
        -       .       Parent=Smp_070340.1;Name=01652d9f-
c96e-4030-84d9-9528a9623d37
SM_V9_PAR2      iris    exon    38274301        38274435        .
        -       .       Parent=Smp_070340.1;Name=0626fb42-c9b9-4b85-
a798-8bf48a099701
SM_V9_PAR2      iris    exon    38276174        38276275        .
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Parent=Smp_070340.1;Name=96222e5b-2bfe-4c48-8a82-07ba32df345f
SM_V9_PAR2      iris    exon    38278929        38279129        .
        -       .       Parent=Smp_070340.1;Name=605e6176-8df0-4191-
b74b-e75c886ac184
SM_V9_PAR2      iris    exon    38281307        38281745        .
        -       .       Parent=Smp_070340.1;Name=9073ffd7-5044-4ea6-
ab89-319eef38eb33
SM_V9_PAR2      iris    exon    38282511        38282737        .
        -       .
Parent=Smp_070340.1;Name=be1ffc34-16b0-475e-8f0a-dea2174acf7b
SM_V9_PAR2      iris    exon    38285719        38285865        .
        -       .       Parent=Smp_070340.1;Name=ab36aa81-
fd56-45cc-89bd-b7cb5100d928
SM_V9_PAR2      iris    exon    38285901        38286066        .
        -       .       Parent=Smp_070340.1;Name=79432a88-
bd68-41c2-9936-13c2043a3f37
SM_V9_PAR2      iris    exon    38286102        38286244        .
        -       .       Parent=Smp_070340.1;Name=73277cd7-45dc-4079-
af06-e60271563b8c
SM_V9_PAR2      iris    CDS     38270321        38270337        .
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SM_V9_PAR2      iris    CDS     38271702        38272362        .
        -       0       Parent=Smp_070340.1
SM_V9_PAR2      iris    CDS     38274301        38274435        .
        -       0       Parent=Smp_070340.1
SM_V9_PAR2      iris    CDS     38276174        38276275        .
        -       0       Parent=Smp_070340.1
SM_V9_PAR2      iris    CDS     38278929        38279129        .
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SM_V9_PAR2      iris    CDS     38281307        38281745        .
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SM_V9_PAR2      iris    CDS     38282511        38282737        .
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SM_V9_PAR2      iris    CDS     38285901        38286066        .
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SM_V9_PAR2      iris    CDS     38286102        38286220        .
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SM_V9_PAR2      iris    gene    38296148        38300072        .
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SM_V9_PAR2      iris    mRNA    38296148        38300072        .
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ID=Smp_244110.1;Parent=Smp_244110;geneID=Smp_244110;gene_name=Smp_24
4110;owner=irisadmin@local.host;orig_id=Smp_244110.1;date_last_modif
ied=2022-07-19;Name=Smp_244110.1;product=Dynein light chain 1,
axonemal;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    38296148        38296179        .
        +       .       Parent=Smp_244110.1;Name=17d31c5b-
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SM_V9_PAR2      iris    exon    38296223        38296261        .
        +       .       Parent=Smp_244110.1;Name=19cd2a1f-4003-4289-
bfe9-5dc8ea8db12b
SM_V9_PAR2      iris    exon    38296296        38296405        .
        +       .       Parent=Smp_244110.1;Name=5467067b-
fd5b-44fa-8788-898fab79bf91
SM_V9_PAR2      iris    exon    38296441        38296496        .
        +       .       Parent=Smp_244110.1;Name=2faea1bf-f885-40d2-
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SM_V9_PAR2      iris    exon    38296528        38296764        .
        +       .
Parent=Smp_244110.1;Name=00d82345-2b71-41f0-8fb0-187ab7bc47db
SM_V9_PAR2      iris    exon    38296807        38296887        .
        +       .       Parent=Smp_244110.1;Name=3de92f57-
d09d-4f5f-9e0d-1a0cd8f742cd
SM_V9_PAR2      iris    exon    38299748        38300072        .
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SM_V9_PAR2      iris    CDS     38296177        38296179        .
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SM_V9_PAR2      iris    CDS     38296223        38296261        .
        +       0       Parent=Smp_244110.1
SM_V9_PAR2      iris    CDS     38296296        38296405        .
        +       0       Parent=Smp_244110.1
SM_V9_PAR2      iris    CDS     38296441        38296496        .
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SM_V9_PAR2      iris    CDS     38296528        38296764        .
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SM_V9_PAR2      iris    CDS     38296807        38296887        .
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SM_V9_PAR2      Liftoff gene    38299895        38308191        .
        -       .       ID=Smp_160340;geneID=Smp_160340
SM_V9_PAR2      Liftoff mRNA    38299895        38308191        .
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ID=Smp_160340.1;Parent=Smp_160340;geneID=Smp_160340;product=Uncharac
terized protein C2orf16;polypeptide_domain=Pfam:PF02389
SM_V9_PAR2      Liftoff exon    38299895        38299985        .
        -       .       Parent=Smp_160340.1
SM_V9_PAR2      Liftoff exon    38306998        38307324        .
        -       .       Parent=Smp_160340.1
SM_V9_PAR2      Liftoff exon    38307470        38307820        .
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SM_V9_PAR2      Liftoff exon    38308169        38308191        .
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SM_V9_PAR2      Liftoff CDS     38299895        38299985        .
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SM_V9_PAR2      Liftoff CDS     38306998        38307324        .
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SM_V9_PAR2      Liftoff CDS     38307470        38307820        .
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SM_V9_PAR2      Liftoff CDS     38308169        38308191        .
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SM_V9_PAR2      iris    gene    38309057        38326082        .
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ID=Smp_070360;geneID=Smp_070360;gene_name=Smp_070360;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    38309057        38326082        .
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ID=Smp_070360.1;Parent=Smp_070360;geneID=Smp_070360;gene_name=Smp_07
0360;owner=irisadmin@local.host;orig_id=Smp_070360.1;date_last_modif
ied=2022-07-19;Name=Smp_070360.1;product=Cytoplasmic polyadenylation
element-binding protein 1;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    38309057        38309161        .
        +       .       Parent=Smp_070360.1;Name=03aa7773-90d7-4501-
be25-b4b55b2f4d88
SM_V9_PAR2      iris    exon    38316612        38316887        .
        +       .       Parent=Smp_070360.1;Name=515e63fd-
f3a7-42ee-8852-e9e2c5465e67
SM_V9_PAR2      iris    exon    38319869        38320354        .
        +       .       Parent=Smp_070360.1;Name=17424956-1b32-4ffd-
b99c-08ec39aaf60b
SM_V9_PAR2      iris    exon    38321592        38321781        .
        +       .
Parent=Smp_070360.1;Name=1ea3add5-6c00-4057-842d-11504f28961e
SM_V9_PAR2      iris    exon    38323170        38323363        .
        +       .       Parent=Smp_070360.1;Name=ff4da252-
d46b-49b2-94fd-a8146cc7e31e
SM_V9_PAR2      iris    exon    38324178        38324272        .
        +       .       Parent=Smp_070360.1;Name=85199457-
a1bd-4d6f-80e7-974e647fccfa
SM_V9_PAR2      iris    exon    38325351        38326082        .
        +       .       Parent=Smp_070360.1;Name=bf6c2739-4f67-428b-
b8ef-e8a9cdacf254
SM_V9_PAR2      iris    CDS     38316614        38316887        .
        +       0       Parent=Smp_070360.1
SM_V9_PAR2      iris    CDS     38319869        38320354        .
        +       2       Parent=Smp_070360.1
SM_V9_PAR2      iris    CDS     38321592        38321781        .
        +       2       Parent=Smp_070360.1
SM_V9_PAR2      iris    CDS     38323170        38323363        .
        +       1       Parent=Smp_070360.1
SM_V9_PAR2      iris    CDS     38324178        38324272        .
        +       2       Parent=Smp_070360.1
SM_V9_PAR2      iris    CDS     38325351        38325554        .
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        -       .       ID=Smp_070370;geneID=Smp_070370
SM_V9_PAR2      Liftoff mRNA    38343268        38344054        .
        -       .
ID=Smp_070370.1;Parent=Smp_070370;geneID=Smp_070370;product=Nck-
associated protein 1
SM_V9_PAR2      Liftoff exon    38343268        38344054        .
        -       .       Parent=Smp_070370.1
SM_V9_PAR2      Liftoff CDS     38343557        38344003        .
        -       0       Parent=Smp_070370.1
SM_V9_PAR2      Liftoff gene    38349708        38350762        .
        +       .       ID=Smp_324270;geneID=Smp_324270
SM_V9_PAR2      Liftoff mRNA    38349708        38350762        .
        +       .
ID=Smp_324270.1;Parent=Smp_324270;geneID=Smp_324270;product=Probable
peptidoglycan glycosyltransferase FtsW
SM_V9_PAR2      Liftoff exon    38349708        38350762        .
        +       .       Parent=Smp_324270.1
SM_V9_PAR2      Liftoff CDS     38349894        38350331        .
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SM_V9_PAR2      Liftoff gene    38387526        38388749        .
        +       .       ID=Smp_070380;geneID=Smp_070380
SM_V9_PAR2      Liftoff mRNA    38387526        38388749        .
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ID=Smp_070380.1;Parent=Smp_070380;geneID=Smp_070380;product=Autoindu
cer 1 sensor kinase/phosphatase LuxN
SM_V9_PAR2      Liftoff exon    38387526        38388749        .
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SM_V9_PAR2      Liftoff CDS     38387603        38388058        .
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SM_V9_PAR2      Liftoff gene    38435058        38435882        .
        +       .
ID=Smp_198560;geneID=Smp_198560;previous_systematic_id=Smp_162880
SM_V9_PAR2      Liftoff mRNA    38435058        38435882        .
        +       .
ID=Smp_198560.1;Parent=Smp_198560;geneID=Smp_198560;product=Phosphat
e transport system permease protein PstA
SM_V9_PAR2      Liftoff exon    38435058        38435882        .
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SM_V9_PAR2      Liftoff CDS     38435173        38435631        .
        +       0       Parent=Smp_198560.1
SM_V9_PAR2      Liftoff gene    38446249        38447584        .
        -       .       ID=Smp_075500;geneID=Smp_075500
SM_V9_PAR2      Liftoff mRNA    38446249        38447584        .
        -       .
ID=Smp_075500.1;Parent=Smp_075500;geneID=Smp_075500;product=Glutamat
e-1-semialdehyde 2,1-aminomutase
SM_V9_PAR2      Liftoff exon    38446249        38447584        .
        -       .       Parent=Smp_075500.1
SM_V9_PAR2      Liftoff CDS     38446992        38447408        .
        -       0       Parent=Smp_075500.1
SM_V9_PAR2      Liftoff gene    38498462        38514064        .
        -       .       ID=Smp_324280;geneID=Smp_324280
SM_V9_PAR2      Liftoff mRNA    38498462        38514064        .
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ID=Smp_324280.1;Parent=Smp_324280;geneID=Smp_324280;product=Transcri
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Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_PAR2      Liftoff exon    38498462        38498590        .
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SM_V9_PAR2      Liftoff exon    38498779        38498871        .
        -       .       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff exon    38500398        38500562        .
        -       .       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff exon    38502627        38502710        .
        -       .       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff exon    38505926        38514064        .
        -       .       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff CDS     38498549        38498590        .
        -       0       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff CDS     38498779        38498871        .
        -       0       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff CDS     38500398        38500562        .
        -       0       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff CDS     38502627        38502710        .
        -       0       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff CDS     38505926        38505955        .
        -       0       Parent=Smp_324280.1
SM_V9_PAR2      Liftoff gene    38515212        38600644        .
        -       .       ID=Smp_162900;geneID=Smp_162900
SM_V9_PAR2      Liftoff mRNA    38515212        38600644        .
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ID=Smp_162900.1;Parent=Smp_162900;geneID=Smp_162900;product=Tyrosine
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PR2;polypeptide_domain=InterPro:IPR000095,IPR000719,IPR001245,IPR008
266,IPR011009,IPR017441,IPR020635
Pfam:PF00786,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005524,
GO:0006468
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        -       .       Parent=Smp_162900.1
SM_V9_PAR2      Liftoff exon    38517969        38518036        .
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SM_V9_PAR2      Liftoff exon    38519190        38519426        .
        -       .       Parent=Smp_162900.1
SM_V9_PAR2      Liftoff exon    38520086        38520423        .
        -       .       Parent=Smp_162900.1
SM_V9_PAR2      Liftoff exon    38521168        38521789        .
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SM_V9_PAR2      Liftoff exon    38533414        38533643        .
        -       .       Parent=Smp_162900.1
SM_V9_PAR2      Liftoff exon    38538155        38538385        .
        -       .       Parent=Smp_162900.1
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SM_V9_PAR2      Liftoff exon    38551716        38551961        .
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SM_V9_PAR2	Liftoff	exon	38557921	38557947	.
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SM_V9_PAR2	Liftoff	exon	38559074	38559279	.
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SM_V9_PAR2	Liftoff	exon	38559864	38560062	.
	-	.	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	exon	38569745	38570108	.
	-	.	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	exon	38575837	38576028	.
	-	.	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	exon	38591904	38592086	.
	-	.	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	exon	38597002	38597316	.
	-	.	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	exon	38597724	38597861	.
	-	.	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	exon	38598501	38600644	.
	-	.	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38517076	38517129	.
	-	0	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38517969	38518036	.
	-	2	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38519190	38519426	.
	-	2	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38520086	38520423	.
	-	1	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38521168	38521789	.
	-	2	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38529424	38530046	.
	-	1	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38533414	38533643	.
	-	0	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38538155	38538385	.
	-	0	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38547944	38548029	.
	-	2	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38551716	38551961	.
	-	2	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38557921	38557947	.
	-	2	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38559074	38559279	.
	-	1	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38559864	38560062	.
	-	2	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38569745	38570108	.
	-	0	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38575837	38576028	.
	-	0	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38591904	38592086	.
	-	0	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38597002	38597316	.
	-	0	Parent=Smp_162900.1
SM_V9_PAR2	Liftoff	CDS	38597724	38597861	.
	-	0	Parent=Smp_162900.1
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SM_V9_PAR2      Liftoff CDS     38598501        38598890        .
        -       0       Parent=Smp_162900.1
SM_V9_PAR2      Liftoff mRNA    38515212        38600644        .
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-protein kinase
PR2;polypeptide_domain=InterPro:IPR000095,IPR000719,IPR001245,IPR008
266,IPR011009,IPR017441,IPR020635
Pfam:PF00786,PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005524,
GO:0006468
SM_V9_PAR2      Liftoff exon    38515212        38517129        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38517969        38518036        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38519190        38519426        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38520086        38520423        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38521168        38521789        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38529424        38530046        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38533414        38533643        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38538155        38538385        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38547944        38548029        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38551716        38551961        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38559074        38559279        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38559864        38560062        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38569745        38570108        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38575837        38576028        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38591904        38592086        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38597002        38597316        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38597724        38597861        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff exon    38598501        38600644        .
        -       .       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff CDS     38517076        38517129        .
        -       0       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff CDS     38517969        38518036        .
        -       2       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff CDS     38519190        38519426        .
        -       2       Parent=Smp_162900.2
SM_V9_PAR2      Liftoff CDS     38520086        38520423        .
        -       1       Parent=Smp_162900.2
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SM_V9_PAR2	Liftoff	CDS	38521168	38521789	.
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SM_V9_PAR2	Liftoff	CDS	38529424	38530046	.
	-	1	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38533414	38533643	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38538155	38538385	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38547944	38548029	.
	-	2	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38551716	38551961	.
	-	2	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38559074	38559279	.
	-	1	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38559864	38560062	.
	-	2	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38569745	38570108	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38575837	38576028	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38591904	38592086	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38597002	38597316	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38597724	38597861	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	CDS	38598501	38598890	.
	-	0	Parent=Smp_162900.2
SM_V9_PAR2	Liftoff	gene	38610051	38613440	.
	+	.	ID=Smp_075560;geneID=Smp_075560
SM_V9_PAR2	Liftoff	mRNA	38610051	38613440	.
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small nuclear ribonucleoprotein Sm
D2;polypeptide_domain=InterPro:IPR001163,IPR010920,IPR027248
Pfam:PF01423;Ontology_term=GO:0008380,GO:0030532
SM_V9_PAR2	Liftoff	exon	38610051	38610556	.
	+	.	Parent=Smp_075560.1
SM_V9_PAR2	Liftoff	exon	38612995	38613440	.
	+	.	Parent=Smp_075560.1
SM_V9_PAR2	Liftoff	CDS	38610431	38610556	.
	+	0	Parent=Smp_075560.1
SM_V9_PAR2	Liftoff	CDS	38612995	38613243	.
	+	0	Parent=Smp_075560.1
SM_V9_PAR2	iris	gene	38614522	38675957	.
	-	.
ID=Smp_162910;geneID=Smp_162910;gene_name=Smp_162910;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_PAR2	iris	mRNA	38614522	38675957	.
	-	.
ID=Smp_162910.1;Parent=Smp_162910;geneID=Smp_162910;gene_name=Smp_16
2910;owner=irisadmin@local.host;orig_id=Smp_162910.1;date_last_modif
ied=2022-08-15;Name=Smp_162910.1;product=Putative
glycerophosphocholine phosphodiesterase GPCPD1 homolog
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2;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    38614522        38615999        .
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ba09-973d4a725ee7
SM_V9_PAR2      iris    exon    38617043        38617203        .
        -       .       Parent=Smp_162910.1;Name=4bbed391-a3b1-46d2-
b220-b661cd0511a5
SM_V9_PAR2      iris    exon    38618904        38619024        .
        -       .       Parent=Smp_162910.1;Name=f7329e30-f2a6-4d58-
a644-85272866e706
SM_V9_PAR2      iris    exon    38619183        38619313        .
        -       .
Parent=Smp_162910.1;Name=dc8cd554-1ea9-4015-9b5b-9316e74697ef
SM_V9_PAR2      iris    exon    38626914        38627038        .
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Parent=Smp_162910.1;Name=5703f393-9aeb-40c4-9f02-0006d6712591
SM_V9_PAR2      iris    exon    38631931        38632041        .
        -       .       Parent=Smp_162910.1;Name=9dd3d9ff-4d66-4b35-
a6e6-3ea94b2cc870
SM_V9_PAR2      iris    exon    38640708        38640804        .
        -       .
Parent=Smp_162910.1;Name=f40bedc7-235c-4e56-8bec-37b32d9403ae
SM_V9_PAR2      iris    exon    38643474        38643528        .
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SM_V9_PAR2      iris    exon    38662334        38662490        .
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        -       .       Parent=Smp_162910.1;Name=1bd33e56-9ece-4de0-
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SM_V9_PAR2      iris    exon    38673303        38673632        .
        -       .       Parent=Smp_162910.1;Name=e547b2d4-dc57-45de-
acfa-1756a17da46a
SM_V9_PAR2      iris    exon    38675187        38675369        .
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Parent=Smp_162910.1;Name=6474a558-249a-4f26-8c6b-ee62fe000c66
SM_V9_PAR2      iris    exon    38675405        38675655        .
        -       .
Parent=Smp_162910.1;Name=9f16ee68-7177-4727-974b-245a0b50c2f5
SM_V9_PAR2      iris    exon    38675693        38675957        .
        -       .
Parent=Smp_162910.1;Name=62e1293b-554a-4a93-931d-cc295fb4ef84
SM_V9_PAR2      iris    CDS     38615363        38615999        .
        -       1       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38617043        38617203        .
        -       0       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38618904        38619024        .
        -       1       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38619183        38619313        .
        -       0       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38626914        38627038        .
        -       2       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38631931        38632041        .
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        -       2       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38640708        38640804        .
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SM_V9_PAR2      iris    CDS     38643474        38643528        .
        -       1       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38662334        38662490        .
        -       2       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38669277        38669405        .
        -       2       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38673303        38673632        .
        -       2       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38675187        38675369        .
        -       2       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38675405        38675655        .
        -       1       Parent=Smp_162910.1
SM_V9_PAR2      iris    CDS     38675693        38675901        .
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ID=Smp_162920.1;Parent=Smp_162920;geneID=Smp_162920;gene_name=Smp_16
2920;owner=irisadmin@local.host;orig_id=Smp_162920.1;date_last_modif
ied=2022-08-15;Name=Smp_162920.1;product=Zinc transporter
ZIP9;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    38684571        38684722        .
        +       .       Parent=Smp_162920.1;Name=bef85f53-
e75c-4623-9426-235686db2d1d
SM_V9_PAR2      iris    exon    38689084        38689248        .
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Parent=Smp_162920.1;Name=e5fe6ceb-1ac0-4aae-9506-57e027a7065c
SM_V9_PAR2      iris    exon    38695429        38696022        .
        +       .       Parent=Smp_162920.1;Name=88a67768-
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SM_V9_PAR2      iris    exon    38697963        38698121        .
        +       .       Parent=Smp_162920.1;Name=9fb6116d-97fe-44e7-
b5d1-065c2218fdcc
SM_V9_PAR2      iris    exon    38701198        38702319        .
        +       .       Parent=Smp_162920.1;Name=efc6abfc-7ad8-4ddf-
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SM_V9_PAR2      iris    CDS     38684636        38684722        .
        +       0       Parent=Smp_162920.1
SM_V9_PAR2      iris    CDS     38689084        38689248        .
        +       0       Parent=Smp_162920.1
SM_V9_PAR2      iris    CDS     38695429        38696022        .
        +       0       Parent=Smp_162920.1
SM_V9_PAR2      iris    CDS     38697963        38698121        .
        +       0       Parent=Smp_162920.1
SM_V9_PAR2      iris    CDS     38701198        38701644        .
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SM_V9_PAR2      Liftoff gene    38713461        38733059        .
        +       .
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ID=Smp_243870;geneID=Smp_243870;previous_systematic_id=Smp_196180
SM_V9_PAR2      Liftoff mRNA    38713461        38733059        .
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ID=Smp_243870.1;Parent=Smp_243870;geneID=Smp_243870;product=DnaJ
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16;polypeptide_domain=InterPro:IPR001623,IPR012336,IPR013766,IPR0182
53 Pfam:PF00085,PF00226;Ontology_term=GO:0045454
SM_V9_PAR2      Liftoff exon    38713461        38713623        .
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SM_V9_PAR2      Liftoff exon    38713667        38713733        .
        +       .       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff exon    38713787        38713969        .
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SM_V9_PAR2      Liftoff exon    38715042        38715290        .
        +       .       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff exon    38716630        38716989        .
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SM_V9_PAR2      Liftoff exon    38718307        38718799        .
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        +       .       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff exon    38722926        38723171        .
        +       .       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff exon    38725325        38725486        .
        +       .       Parent=Smp_243870.1
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        +       .       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff exon    38732383        38733059        .
        +       .       Parent=Smp_243870.1
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SM_V9_PAR2      Liftoff CDS     38713667        38713733        .
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SM_V9_PAR2      Liftoff CDS     38713787        38713969        .
        +       0       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38715042        38715290        .
        +       0       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38716630        38716989        .
        +       0       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38718307        38718799        .
        +       0       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38720459        38720861        .
        +       2       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38722926        38723171        .
        +       1       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38725325        38725486        .
        +       1       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38726959        38727247        .
        +       1       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff CDS     38732383        38732694        .
        +       0       Parent=Smp_243870.1
SM_V9_PAR2      Liftoff gene    38733782        38735334        .
        -       .       ID=Smp_324290;geneID=Smp_324290
SM_V9_PAR2      Liftoff mRNA    38733782        38735334        .
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ID=Smp_324290.1;Parent=Smp_324290;geneID=Smp_324290;product=Interleu
kin-36 receptor antagonist protein
SM_V9_PAR2      Liftoff exon    38733782        38735334        .
        -       .       Parent=Smp_324290.1
SM_V9_PAR2      Liftoff CDS     38734101        38734295        .
        -       0       Parent=Smp_324290.1
SM_V9_PAR2      iris    gene    38742311        38877969        .
        +       .
ID=Smp_333370;geneID=Smp_333370;gene_name=Smp_333370;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    38742311        38877969        .
        +       .
ID=Smp_333370.1;Parent=Smp_333370;geneID=Smp_333370;gene_name=Smp_33
3370;owner=irisadmin@local.host;orig_id=Smp_333370.1;date_last_modif
ied=2022-08-15;Name=Smp_333370.1;product=Lysosomal-trafficking
regulator;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    38742311        38742458        .
        +       .
Parent=Smp_333370.1;Name=ef750f57-085f-4f76-8474-abbf3a078b50
SM_V9_PAR2      iris    exon    38742497        38742582        .
        +       .       Parent=Smp_333370.1;Name=51933de5-ccd1-46fe-
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SM_V9_PAR2      iris    exon    38742617        38742882        .
        +       .       Parent=Smp_333370.1;Name=b61eda1a-
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SM_V9_PAR2      iris    exon    38744554        38744667        .
        +       .       Parent=Smp_333370.1;Name=fdd6c5c8-
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SM_V9_PAR2      iris    exon    38744713        38744854        .
        +       .
Parent=Smp_333370.1;Name=0fac9ea6-7f7a-4473-8ccd-64309705c331
SM_V9_PAR2      iris    exon    38745918        38746268        .
        +       .       Parent=Smp_333370.1;Name=b1f30ae6-a864-47ac-
bb71-aaafd2ab2b14
SM_V9_PAR2      iris    exon    38752457        38753166        .
        +       .       Parent=Smp_333370.1;Name=ba34ade0-f0ce-42a9-
b14c-86bbc6b0a813
SM_V9_PAR2      iris    exon    38753425        38753818        .
        +       .       Parent=Smp_333370.1;Name=991d7636-
a726-4e20-96d9-a64c603774e6
SM_V9_PAR2      iris    exon    38755681        38755867        .
        +       .       Parent=Smp_333370.1;Name=fe43b194-5643-49f2-
bbba-1f87310a306f
SM_V9_PAR2      iris    exon    38763340        38763654        .
        +       .       Parent=Smp_333370.1;Name=8154982d-0e2d-4ce7-
a5c1-68e06a6dedc8
SM_V9_PAR2      iris    exon    38766761        38767100        .
        +       .       Parent=Smp_333370.1;Name=bc5613c7-5690-4020-
a148-d0bd6183fe8b
SM_V9_PAR2      iris    exon    38768294        38768589        .
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Parent=Smp_333370.1;Name=9b86b3aa-1682-4633-8333-5cf4684e6798
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Parent=Smp_333370.1;Name=d89fea0c-6260-4ae7-9086-0eb3aaafa55b
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SM_V9_PAR2      iris    exon    38848126        38848321        .
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SM_V9_PAR2      iris    exon    38867294        38867588        .
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SM_V9_PAR2      iris    exon    38869287        38870123        .
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SM_V9_PAR2      iris    exon    38872234        38873017        .
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SM_V9_PAR2      iris    exon    38877597        38877969        .
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SM_V9_PAR2      iris    CDS     38829531        38829676        .
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D;date_creation=2022-07-19
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RNA Helicase B962L
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SM_V9_PAR2      iris    mRNA    38997191        39053156        .
        +       .
ID=Smp_162970.1;Parent=Smp_162970;geneID=Smp_162970;gene_name=Smp_16
2970;owner=irisadmin@local.host;orig_id=Smp_162970.1;date_last_modif
ied=2022-08-15;Name=Smp_162970.1;product=Triple functional domain
protein;date_creation=2022-08-15
SM_V9_PAR2      iris    exon    38997191        38998092        .
        +       .       Parent=Smp_162970.1;Name=2d0cb03a-a463-48a7-
b608-b3807f84cbcb
SM_V9_PAR2      iris    exon    38998131        38998310        .
        +       .
Parent=Smp_162970.1;Name=2602a738-0abe-4932-92a6-02edd9ac2c3b
SM_V9_PAR2      iris    exon    39000279        39000467        .
        +       .       Parent=Smp_162970.1;Name=1163179e-
efe0-4cd0-9869-d92604dcf081
SM_V9_PAR2      iris    exon    39000653        39000859        .
        +       .       Parent=Smp_162970.1;Name=3b815fdc-e8c5-4c7f-
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a62f-ee7261cfb663
SM_V9_PAR2      iris    exon    39003546        39003755        .
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b086-9cdde4fbf14c
SM_V9_PAR2      iris    exon    39003936        39004073        .
        +       .       Parent=Smp_162970.1;Name=061e60cd-0cbe-4033-
b8cf-893b51f0c4b5
SM_V9_PAR2      iris    exon    39006310        39006504        .
        +       .
Parent=Smp_162970.1;Name=220fe3ac-22f0-4186-97b4-46fe15c0385b
SM_V9_PAR2      iris    exon    39007916        39008080        .
        +       .
Parent=Smp_162970.1;Name=40a08207-47dc-44e7-9418-c6e9897205da
SM_V9_PAR2      iris    exon    39009425        39009640        .
        +       .       Parent=Smp_162970.1;Name=b333609c-116d-4a1c-
a687-93fec5ade153
SM_V9_PAR2      iris    exon    39010662        39010754        .
        +       .       Parent=Smp_162970.1;Name=f0c6b329-f34e-449a-
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SM_V9_PAR2      iris    exon    39014445        39014765        .
        +       .       Parent=Smp_162970.1;Name=37762f8f-c75c-4cfc-
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SM_V9_PAR2      iris    exon    39015120        39015483        .
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SM_V9_PAR2      iris    exon    39016717        39016886        .
        +       .
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SM_V9_PAR2      iris    exon    39023865        39024205        .
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SM_V9_PAR2      iris    exon    39032753        39032938        .
        +       .       Parent=Smp_162970.1;Name=fd0aca7f-68ce-4ebf-
b2d1-36c75baeb4c5
SM_V9_PAR2      iris    exon    39034217        39034403        .
        +       .       Parent=Smp_162970.1;Name=a7ab4acd-fe49-49da-
afc5-42b8c6b3fd45
SM_V9_PAR2      iris    exon    39035479        39035867        .
        +       .       Parent=Smp_162970.1;Name=2ea8ab8b-ce29-4ced-
a2d5-1643436e9d2b
SM_V9_PAR2      iris    exon    39036470        39036725        .
        +       .       Parent=Smp_162970.1;Name=c670af25-05d5-439b-
ab96-ae5b3865693d
SM_V9_PAR2      iris    exon    39037629        39037886        .
        +       .       Parent=Smp_162970.1;Name=e8bb31b6-9f6c-486e-
a82e-c2d5a7264adf
SM_V9_PAR2      iris    exon    39039778        39039975        .
        +       .       Parent=Smp_162970.1;Name=b4eb18b8-84aa-4888-
aef9-380f3275ebb4
SM_V9_PAR2      iris    exon    39041119        39041297        .
        +       .       Parent=Smp_162970.1;Name=24485195-f597-4e21-
b9c8-b85c8d976ee5
SM_V9_PAR2      iris    exon    39041960        39042113        .
        +       .       Parent=Smp_162970.1;Name=f8b1ec19-
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aff1-4395-850f-e6b157bde5bd
SM_V9_PAR2      iris    exon    39043724        39043876        .
        +       .       Parent=Smp_162970.1;Name=8698caa4-8c24-465d-
b6d3-d9b23f4dd2de
SM_V9_PAR2      iris    exon    39044794        39045228        .
        +       .       Parent=Smp_162970.1;Name=a1572b05-
daa6-4c67-8a2c-6a0973f1e866
SM_V9_PAR2      iris    exon    39045625        39045984        .
        +       .       Parent=Smp_162970.1;Name=0b4d1e54-
d1e3-4486-9739-80b750c6b5ee
SM_V9_PAR2      iris    exon    39046472        39046993        .
        +       .       Parent=Smp_162970.1;Name=b728daad-a6d2-491b-
aeab-648326f3b7f8
SM_V9_PAR2      iris    exon    39049043        39049403        .
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Parent=Smp_162970.1;Name=92ba2ea8-8807-42d0-814c-c133ebc80c49
SM_V9_PAR2      iris    exon    39050990        39053156        .
        +       .
Parent=Smp_162970.1;Name=774f438c-35a5-46dc-95e8-4eb467f3621e
SM_V9_PAR2      iris    CDS     38997361        38998092        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     38998131        38998310        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39000279        39000467        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39000653        39000859        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39003546        39003755        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39003936        39004073        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39006310        39006504        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39007916        39008080        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39009425        39009640        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39010662        39010754        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39014445        39014765        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39015120        39015483        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39016717        39016886        .
        +       2       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39023865        39024205        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39032753        39032938        .
        +       1       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39034217        39034403        .
        +       1       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39035479        39035867        .
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SM_V9_PAR2      iris    CDS     39036470        39036725        .
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        +       1       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39037629        39037886        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39039778        39039975        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39041119        39041297        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39041960        39042113        .
        +       1       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39043724        39043876        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39044794        39045228        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39045625        39045984        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39046472        39046993        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39049043        39049403        .
        +       0       Parent=Smp_162970.1
SM_V9_PAR2      iris    CDS     39050990        39051204        .
        +       2       Parent=Smp_162970.1
SM_V9_PAR2      Liftoff gene    39083544        39083857        .
        +       .       ID=Smp_204280;geneID=Smp_204280
SM_V9_PAR2      Liftoff mRNA    39083544        39083857        .
        +       .
ID=Smp_204280.1;Parent=Smp_204280;geneID=Smp_204280;product=Phylloqu
inone omega-hydroxylase CYP4F11
SM_V9_PAR2      Liftoff exon    39083544        39083857        .
        +       .       Parent=Smp_204280.1
SM_V9_PAR2      Liftoff CDS     39083664        39083849        .
        +       0       Parent=Smp_204280.1
SM_V9_PAR2      Liftoff gene    39097401        39099775        .
        -       .       ID=Smp_162980;geneID=Smp_162980
SM_V9_PAR2      Liftoff mRNA    39097401        39099775        .
        -       .
ID=Smp_162980.1;Parent=Smp_162980;geneID=Smp_162980;product=Galanin
receptor type
1;polypeptide_domain=InterPro:IPR000276;Ontology_term=GO:0004930,GO:
0007186,GO:0016021
SM_V9_PAR2      Liftoff exon    39097401        39099775        .
        -       .       Parent=Smp_162980.1
SM_V9_PAR2      Liftoff CDS     39097621        39099516        .
        -       0       Parent=Smp_162980.1
SM_V9_PAR2      iris    gene    39122596        39148736        .
        -       .
ID=Smp_244130;geneID=Smp_244130;gene_name=Smp_244130;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    39122596        39148736        .
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ID=Smp_244130.1;Parent=Smp_244130;geneID=Smp_244130;gene_name=Smp_24
4130;owner=irisadmin@local.host;orig_id=Smp_244130.1;date_last_modif
ied=2022-07-19;Name=Smp_244130.1;product=Elongation factor G,
mitochondrial;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    39122596        39122774        .
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        -       .       Parent=Smp_244130.1;Name=2123a28c-
d28c-4921-9be9-5fb4ec169b33
SM_V9_PAR2      iris    exon    39125509        39125750        .
        -       .
Parent=Smp_244130.1;Name=43b68f8d-5419-420a-8359-9061e0f2a43b
SM_V9_PAR2      iris    exon    39130936        39131096        .
        -       .
Parent=Smp_244130.1;Name=1b809620-7c36-43d2-8df5-f32d318b2b5c
SM_V9_PAR2      iris    exon    39132766        39133073        .
        -       .       Parent=Smp_244130.1;Name=45ce73e4-cb3d-49d5-
a45d-7fc31bc0698b
SM_V9_PAR2      iris    exon    39135026        39135303        .
        -       .       Parent=Smp_244130.1;Name=dbfcdb75-8f58-4f3e-
a339-37e90063e8c5
SM_V9_PAR2      iris    exon    39137102        39137344        .
        -       .       Parent=Smp_244130.1;Name=7a8962c4-2e8c-4a16-
a383-c177c434f7ae
SM_V9_PAR2      iris    exon    39139131        39139206        .
        -       .
Parent=Smp_244130.1;Name=c77bb30b-7a6b-40f4-912e-b71b87de9908
SM_V9_PAR2      iris    exon    39140269        39140503        .
        -       .
Parent=Smp_244130.1;Name=fc545e93-4927-48eb-961a-c7d9c88244e9
SM_V9_PAR2      iris    exon    39141341        39141414        .
        -       .       Parent=Smp_244130.1;Name=1c3f34b4-6540-4dcf-
ae42-5bb925ba3d51
SM_V9_PAR2      iris    exon    39143930        39144046        .
        -       .
Parent=Smp_244130.1;Name=a3dd5147-712e-4136-98d1-88d9be2e9f96
SM_V9_PAR2      iris    exon    39145435        39145772        .
        -       .       Parent=Smp_244130.1;Name=f7f26425-8aef-44a5-
b185-8c49b9094e43
SM_V9_PAR2      iris    exon    39148476        39148595        .
        -       .
Parent=Smp_244130.1;Name=d4eedd7b-7d55-40b7-9b07-aad90b5cd849
SM_V9_PAR2      iris    exon    39148629        39148736        .
        -       .       Parent=Smp_244130.1;Name=bc7d6dc9-9de5-4f8d-
a887-fec635304a5a
SM_V9_PAR2      iris    CDS     39125544        39125750        .
        -       0       Parent=Smp_244130.1
SM_V9_PAR2      iris    CDS     39130936        39131096        .
        -       2       Parent=Smp_244130.1
SM_V9_PAR2      iris    CDS     39132766        39133073        .
        -       1       Parent=Smp_244130.1
SM_V9_PAR2      iris    CDS     39135026        39135303        .
        -       0       Parent=Smp_244130.1
SM_V9_PAR2      iris    CDS     39137102        39137344        .
        -       0       Parent=Smp_244130.1
SM_V9_PAR2      iris    CDS     39139131        39139206        .
        -       1       Parent=Smp_244130.1
SM_V9_PAR2      iris    CDS     39140269        39140503        .
        -       2       Parent=Smp_244130.1
SM_V9_PAR2      iris    CDS     39141341        39141414        .
        -       1       Parent=Smp_244130.1
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SM_V9_PAR2	iris	CDS	39143930	39144046	.
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SM_V9_PAR2	iris	CDS	39145435	39145772	.
	-	0	Parent=Smp_244130.1
SM_V9_PAR2	iris	CDS	39148476	39148595	.
	-	0	Parent=Smp_244130.1
SM_V9_PAR2	iris	CDS	39148629	39148706	.
	-	0	Parent=Smp_244130.1
SM_V9_PAR2	iris	gene	39157309	39174936	.
	+	.
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	+	.
ID=Smp_316630.1;Parent=Smp_316630;geneID=Smp_316630;gene_name=Smp_31
6630;owner=irisadmin@local.host;orig_id=Smp_316630.2;date_last_modif
ied=2022-07-19;Name=Smp_316630.1;product=Probable tRNA pseudouridine
synthase 2;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	39157309	39157430	.
	+	.	Parent=Smp_316630.1;Name=c11f84ee-
b9de-4a6c-80d4-fceffd8edc93
SM_V9_PAR2	iris	exon	39160419	39160551	.
	+	.	Parent=Smp_316630.1;Name=c1094994-7be8-4f0d-
b3e1-fd48cf0614c6
SM_V9_PAR2	iris	exon	39160595	39160714	.
	+	.
Parent=Smp_316630.1;Name=4990e68d-3e31-4134-89b1-e40e7a426c24
SM_V9_PAR2	iris	exon	39160759	39160839	.
	+	.
Parent=Smp_316630.1;Name=2f5eacf4-30ff-4c51-8487-7fee0171764c
SM_V9_PAR2	iris	exon	39160880	39161029	.
	+	.
Parent=Smp_316630.1;Name=106a7912-6b80-4aed-90c5-6c88a3ea63f6
SM_V9_PAR2	iris	exon	39167923	39168276	.
	+	.
Parent=Smp_316630.1;Name=5a7d6477-4821-4e5c-8f84-20edaf057cf9
SM_V9_PAR2	iris	exon	39174344	39174936	.
	+	.
Parent=Smp_316630.1;Name=9568ae59-400e-4272-9fd3-bf53a299a900
SM_V9_PAR2	iris	CDS	39160431	39160551	.
	+	0	Parent=Smp_316630.1
SM_V9_PAR2	iris	CDS	39160595	39160714	.
	+	2	Parent=Smp_316630.1
SM_V9_PAR2	iris	CDS	39160759	39160839	.
	+	2	Parent=Smp_316630.1
SM_V9_PAR2	iris	CDS	39160880	39161029	.
	+	2	Parent=Smp_316630.1
SM_V9_PAR2	iris	CDS	39167923	39168276	.
	+	2	Parent=Smp_316630.1
SM_V9_PAR2	iris	CDS	39174344	39174768	.
	+	2	Parent=Smp_316630.1
SM_V9_PAR2	Liftoff	gene	39182479	39199508	.
	+	.	ID=Smp_163000;geneID=Smp_163000
SM_V9_PAR2	Liftoff	mRNA	39182479	39199508	.
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ID=Smp_163000.1;Parent=Smp_163000;geneID=Smp_163000;product=Putative
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SED4;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_term=G
O:0005515
SM_V9_PAR2      Liftoff exon    39182479        39182830        .
        +       .       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff exon    39186085        39186307        .
        +       .       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff exon    39188109        39188473        .
        +       .       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff exon    39189625        39190110        .
        +       .       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff exon    39193896        39194311        .
        +       .       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff exon    39198030        39199508        .
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SM_V9_PAR2      Liftoff CDS     39182651        39182830        .
        +       0       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff CDS     39186085        39186307        .
        +       0       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff CDS     39188109        39188473        .
        +       2       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff CDS     39189625        39190110        .
        +       0       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff CDS     39193896        39194311        .
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SM_V9_PAR2      Liftoff CDS     39198030        39198414        .
        +       1       Parent=Smp_163000.1
SM_V9_PAR2      Liftoff gene    39235804        39237996        .
        +       .       ID=Smp_324300;geneID=Smp_324300
SM_V9_PAR2      Liftoff mRNA    39235804        39237996        .
        +       .
ID=Smp_324300.1;Parent=Smp_324300;geneID=Smp_324300;product=U3 small
nucleolar RNA-associated protein 25
SM_V9_PAR2      Liftoff exon    39235804        39235920        .
        +       .       Parent=Smp_324300.1
SM_V9_PAR2      Liftoff exon    39236292        39237996        .
        +       .       Parent=Smp_324300.1
SM_V9_PAR2      Liftoff CDS     39235851        39235920        .
        +       0       Parent=Smp_324300.1
SM_V9_PAR2      Liftoff CDS     39236292        39236596        .
        +       2       Parent=Smp_324300.1
SM_V9_PAR2      iris    gene    39427991        39443108        .
        -       .
ID=Smp_320810;geneID=Smp_320810;gene_name=Smp_320810;owner=irisadmin
@local.host;date_last_modified=2022-10-17;date_creation=2022-10-17
SM_V9_PAR2      iris    mRNA    39427991        39443108        .
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ID=Smp_320810.1;Parent=Smp_320810;geneID=Smp_320810;gene_name=Smp_32
0810;owner=irisadmin@local.host;orig_id=Smp_320810.1;date_last_modif
ied=2022-10-17;Name=Smp_320810.1;date_creation=2022-10-17
SM_V9_PAR2      iris    exon    39427991        39428222        .
        -       .       Parent=Smp_320810.1;Name=d0412ee9-4095-4481-
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a525-206ec8713324
SM_V9_PAR2      iris    exon    39438806        39439062        .
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SM_V9_PAR2      iris    exon    39442894        39443108        .
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Parent=Smp_320810.1;Name=929047a8-45d2-4827-833c-8d638e9c195a
SM_V9_PAR2      iris    CDS     39428139        39428222        .
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SM_V9_PAR2      iris    CDS     39438806        39439062        .
        -       2       Parent=Smp_320810.1
SM_V9_PAR2      iris    CDS     39442894        39443065        .
        -       0       Parent=Smp_320810.1
SM_V9_PAR2      iris    gene    39526585        39528260        .
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ID=Smp_350190;geneID=Smp_350190;gene_name=Smp_350190;owner=irisadmin
@local.host;date_last_modified=2022-08-24;date_creation=2022-08-24
SM_V9_PAR2      iris    mRNA    39526585        39528260        .
        +       .
ID=Smp_350190.1;Parent=Smp_350190;geneID=Smp_350190;gene_name=Smp_35
0190;owner=irisadmin@local.host;date_last_modified=2022-08-24;Name=S
mp_350190.1;date_creation=2022-08-24
SM_V9_PAR2      iris    exon    39526585        39526692        .
        +       .       Parent=Smp_350190.1;Name=Smp_350190.1-CDS
SM_V9_PAR2      iris    exon    39527280        39527768        .
        +       .       Parent=Smp_350190.1;Name=ed3d19e9-
dd8f-4eef-9851-bacb54539340
SM_V9_PAR2      iris    exon    39528139        39528260        .
        +       .       Parent=Smp_350190.1;Name=cdf744d3-f31e-4adf-
b0a6-fc1553618731
SM_V9_PAR2      iris    CDS     39526691        39526692        .
        +       0       Parent=Smp_350190.1
SM_V9_PAR2      iris    CDS     39527280        39527763        .
        +       1       Parent=Smp_350190.1
SM_V9_PAR2      iris    gene    39546224        39546612        .
        -       .
ID=Smp_327820;geneID=Smp_327820;gene_name=Smp_327820;owner=irisadmin
@local.host;date_last_modified=2022-10-17;date_creation=2022-10-17
SM_V9_PAR2      iris    mRNA    39546224        39546612        .
        -       .
ID=Smp_327820.1;Parent=Smp_327820;geneID=Smp_327820;gene_name=Smp_32
7820;owner=irisadmin@local.host;orig_id=Smp_327820.1;date_last_modif
ied=2022-10-17;Name=Smp_327820.1;date_creation=2022-10-17
SM_V9_PAR2      iris    exon    39546224        39546328        .
        -       .
Parent=Smp_327820.1;Name=0d3c9898-7f79-43f5-8fb7-52c4824dcf46
SM_V9_PAR2      iris    exon    39546365        39546486        .
        -       .
Parent=Smp_327820.1;Name=4253800b-3bcc-48b7-8085-6ff1b9c902ee
SM_V9_PAR2      iris    exon    39546521        39546612        .
        -       .       Parent=Smp_327820.1;Name=7fef63c1-
f288-4706-82b6-c05ae2b5d815
SM_V9_PAR2      iris    CDS     39546246        39546328        .
        -       2       Parent=Smp_327820.1
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SM_V9_PAR2      iris    CDS     39546365        39546486        .
        -       1       Parent=Smp_327820.1
SM_V9_PAR2      iris    CDS     39546521        39546570        .
        -       0       Parent=Smp_327820.1
SM_V9_PAR2      iris    gene    39559455        39559804        .
        -       .
ID=Smp_348910;geneID=Smp_348910;gene_name=Smp_348910;owner=irisadmin
@local.host;date_last_modified=2022-10-17;date_creation=2022-10-17
SM_V9_PAR2      iris    mRNA    39559455        39559804        .
        -       .
ID=Smp_348910.1;Parent=Smp_348910;geneID=Smp_348910;gene_name=Smp_34
8910;owner=irisadmin@local.host;orig_id=Smp_348910.1;date_last_modif
ied=2022-10-17;Name=Smp_348910.1;date_creation=2022-10-17
SM_V9_PAR2      iris    exon    39559455        39559630        .
        -       .
Parent=Smp_348910.1;Name=fe55d45d-8155-4594-9e08-16d1889f5651
SM_V9_PAR2      iris    exon    39559665        39559804        .
        -       .       Parent=Smp_348910.1;Name=23c2370c-02eb-4280-
bc11-518a4c65d113
SM_V9_PAR2      iris    CDS     39559459        39559630        .
        -       1       Parent=Smp_348910.1
SM_V9_PAR2      iris    CDS     39559665        39559714        .
        -       0       Parent=Smp_348910.1
SM_V9_PAR2      iris    gene    39581299        39582641        .
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ID=Smp_349830;geneID=Smp_349830;gene_name=Smp_349830;owner=irisadmin
@local.host;date_last_modified=2022-08-04;date_creation=2022-08-04
SM_V9_PAR2      iris    mRNA    39581295        39582641        .
        +       .
ID=Smp_349830.1;Parent=Smp_349830;geneID=Smp_349830;gene_name=Smp_34
9830;owner=irisadmin@local.host;date_last_modified=2022-08-04;Name=S
mp_349830.1;date_creation=2022-08-04
SM_V9_PAR2      iris    exon    39581295        39582641        .
        +       .       Parent=Smp_349830.1;Name=Smp_349830.1-CDS
SM_V9_PAR2      iris    CDS     39581344        39582303        .
        +       0       Parent=Smp_349830.1
SM_V9_PAR2      Liftoff gene    39675732        39681597        .
        +       .       ID=Smp_324310;geneID=Smp_324310
SM_V9_PAR2      Liftoff mRNA    39675732        39681597        .
        +       .
ID=Smp_324310.1;Parent=Smp_324310;geneID=Smp_324310;product=Prolacti
n regulatory element-binding
protein;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_ter
m=GO:0005515
SM_V9_PAR2      Liftoff exon    39675732        39676194        .
        +       .       Parent=Smp_324310.1
SM_V9_PAR2      Liftoff exon    39679913        39681597        .
        +       .       Parent=Smp_324310.1
SM_V9_PAR2      Liftoff CDS     39675833        39676194        .
        +       0       Parent=Smp_324310.1
SM_V9_PAR2      Liftoff CDS     39679913        39680297        .
        +       1       Parent=Smp_324310.1
SM_V9_PAR2      Liftoff gene    39708593        39712798        .
        -       .       ID=Smp_324320;geneID=Smp_324320
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SM_V9_PAR2      Liftoff mRNA    39708593        39712798        .
        -       .
ID=Smp_324320.1;Parent=Smp_324320;geneID=Smp_324320;product=Zinc
finger protein SNAI3;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_PAR2      Liftoff exon    39708593        39708832        .
        -       .       Parent=Smp_324320.1
SM_V9_PAR2      Liftoff exon    39710162        39710765        .
        -       .       Parent=Smp_324320.1
SM_V9_PAR2      Liftoff exon    39712552        39712798        .
        -       .       Parent=Smp_324320.1
SM_V9_PAR2      Liftoff CDS     39708637        39708832        .
        -       1       Parent=Smp_324320.1
SM_V9_PAR2      Liftoff CDS     39710162        39710765        .
        -       2       Parent=Smp_324320.1
SM_V9_PAR2      Liftoff CDS     39712552        39712615        .
        -       0       Parent=Smp_324320.1
SM_V9_PAR2      Liftoff gene    39729383        39734365        .
        +       .       ID=Smp_336780;geneID=Smp_336780
SM_V9_PAR2      Liftoff mRNA    39729383        39734365        .
        +       .
ID=Smp_336780.1;Parent=Smp_336780;geneID=Smp_336780;product=Thrombos
pondin-4
SM_V9_PAR2      Liftoff exon    39729383        39729516        .
        +       .       Parent=Smp_336780.1
SM_V9_PAR2      Liftoff exon    39731777        39734365        .
        +       .       Parent=Smp_336780.1
SM_V9_PAR2      Liftoff CDS     39729435        39729516        .
        +       0       Parent=Smp_336780.1
SM_V9_PAR2      Liftoff CDS     39731777        39731952        .
        +       2       Parent=Smp_336780.1
SM_V9_PAR2      Liftoff gene    39787492        39788908        .
        -       .       ID=Smp_155110;geneID=Smp_155110
SM_V9_PAR2      Liftoff mRNA    39787492        39788908        .
        -       .
ID=Smp_155110.1;Parent=Smp_155110;geneID=Smp_155110;product=SLIT and
NTRK-like protein 5
SM_V9_PAR2      Liftoff exon    39787492        39788427        .
        -       .       Parent=Smp_155110.1
SM_V9_PAR2      Liftoff exon    39788800        39788908        .
        -       .       Parent=Smp_155110.1
SM_V9_PAR2      Liftoff CDS     39788144        39788427        .
        -       2       Parent=Smp_155110.1
SM_V9_PAR2      Liftoff CDS     39788800        39788830        .
        -       0       Parent=Smp_155110.1
SM_V9_PAR2      iris    gene    39810962        39818519        .
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ID=Smp_084180;geneID=Smp_084180;gene_name=Smp_084180;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    39810962        39818519        .
        -       .
ID=Smp_084180.1;Parent=Smp_084180;geneID=Smp_084180;gene_name=Smp_08
4180;owner=irisadmin@local.host;orig_id=Smp_084180.1;date_last_modif
ied=2022-07-19;Name=Smp_084180.1;product=Protein
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FAM98C;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    39810962        39811096        .
        -       .       Parent=Smp_084180.1;Name=20388b67-8805-412f-
acd8-ddd6850007bb
SM_V9_PAR2      iris    exon    39814284        39814540        .
        -       .       Parent=Smp_084180.1;Name=8b28c65b-
c2e0-42fa-9dfb-3e3c36401be9
SM_V9_PAR2      iris    exon    39818432        39818519        .
        -       .       Parent=Smp_084180.1;Name=82a7da85-50b3-43ef-
a60a-fd83c668ff86
SM_V9_PAR2      iris    CDS     39811013        39811096        .
        -       0       Parent=Smp_084180.1
SM_V9_PAR2      iris    CDS     39814284        39814540        .
        -       2       Parent=Smp_084180.1
SM_V9_PAR2      iris    CDS     39818432        39818468        .
        -       0       Parent=Smp_084180.1
SM_V9_PAR2      Liftoff gene    39834488        39834868        .
        +       .       ID=Smp_167840;geneID=Smp_167840
SM_V9_PAR2      Liftoff mRNA    39834488        39834868        .
        +       .
ID=Smp_167840.1;Parent=Smp_167840;geneID=Smp_167840;product=30S
ribosomal protein S15
SM_V9_PAR2      Liftoff exon    39834488        39834868        .
        +       .       Parent=Smp_167840.1
SM_V9_PAR2      Liftoff CDS     39834488        39834868        .
        +       0       Parent=Smp_167840.1
SM_V9_PAR2      Liftoff gene    39895123        39896647        .
        +       .       ID=Smp_324330;geneID=Smp_324330
SM_V9_PAR2      Liftoff mRNA    39895123        39896647        .
        +       .
ID=Smp_324330.1;Parent=Smp_324330;geneID=Smp_324330;product=Cytochro
me P450 130
SM_V9_PAR2      Liftoff exon    39895123        39896647        .
        +       .       Parent=Smp_324330.1
SM_V9_PAR2      Liftoff CDS     39895671        39895874        .
        +       0       Parent=Smp_324330.1
SM_V9_PAR2      Liftoff gene    39903714        39905269        .
        -       .       ID=Smp_324340;geneID=Smp_324340
SM_V9_PAR2      Liftoff mRNA    39903714        39905269        .
        -       .
ID=Smp_324340.1;Parent=Smp_324340;geneID=Smp_324340;product=Cytochro
me P450 130
SM_V9_PAR2      Liftoff exon    39903714        39905269        .
        -       .       Parent=Smp_324340.1
SM_V9_PAR2      Liftoff CDS     39904519        39904722        .
        -       0       Parent=Smp_324340.1
SM_V9_PAR2      Liftoff gene    39940615        39942149        .
        -       .       ID=Smp_324350;geneID=Smp_324350
SM_V9_PAR2      Liftoff mRNA    39940615        39942149        .
        -       .
ID=Smp_324350.1;Parent=Smp_324350;geneID=Smp_324350;product=Cytochro
me P450 130
SM_V9_PAR2      Liftoff exon    39940615        39942149        .
        -       .       Parent=Smp_324350.1
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SM_V9_PAR2	Liftoff	CDS	39941396	39941599	.
	-	0	Parent=Smp_324350.1
SM_V9_PAR2	Liftoff	gene	39951651	39953229	.
	-	.	ID=Smp_324360;geneID=Smp_324360
SM_V9_PAR2	Liftoff	mRNA	39951651	39953229	.
	-	.
ID=Smp_324360.1;Parent=Smp_324360;geneID=Smp_324360;product=Putative
dimethyl sulfoxide reductase catalytic subunit A
SM_V9_PAR2	Liftoff	exon	39951651	39952546	.
	-	.	Parent=Smp_324360.1
SM_V9_PAR2	Liftoff	exon	39952609	39952746	.
	-	.	Parent=Smp_324360.1
SM_V9_PAR2	Liftoff	exon	39953118	39953229	.
	-	.	Parent=Smp_324360.1
SM_V9_PAR2	Liftoff	CDS	39952428	39952546	.
	-	2	Parent=Smp_324360.1
SM_V9_PAR2	Liftoff	CDS	39952609	39952746	.
	-	2	Parent=Smp_324360.1
SM_V9_PAR2	Liftoff	CDS	39953118	39953187	.
	-	0	Parent=Smp_324360.1
SM_V9_PAR2	Liftoff	gene	39979062	40006669	.
	-	.
ID=Smp_340520;geneID=Smp_340520;previous_systematic_id=Smp_026460
SM_V9_PAR2	Liftoff	mRNA	39979062	40006669	.
	-	.
ID=Smp_340520.1;Parent=Smp_340520;geneID=Smp_340520;product=Protein
FAM98A;polypeptide_domain=InterPro:IPR018797 Pfam:PF10239
SM_V9_PAR2	Liftoff	exon	39979062	39979303	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	39982068	39982324	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	39986152	39986400	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	39990004	39990193	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	39995378	39995578	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	39998440	39998654	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	39999071	39999148	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	40006201	40006257	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	40006294	40006415	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	exon	40006450	40006669	.
	-	.	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	CDS	39979220	39979303	.
	-	0	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	CDS	39982068	39982324	.
	-	2	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	CDS	39986152	39986400	.
	-	2	Parent=Smp_340520.1
SM_V9_PAR2	Liftoff	CDS	39990004	39990193	.
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        -       0       Parent=Smp_340520.1
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        -       0       Parent=Smp_340520.1
SM_V9_PAR2      Liftoff CDS     39998440        39998654        .
        -       2       Parent=Smp_340520.1
SM_V9_PAR2      Liftoff CDS     39999071        39999148        .
        -       2       Parent=Smp_340520.1
SM_V9_PAR2      Liftoff CDS     40006201        40006257        .
        -       2       Parent=Smp_340520.1
SM_V9_PAR2      Liftoff CDS     40006294        40006415        .
        -       1       Parent=Smp_340520.1
SM_V9_PAR2      Liftoff CDS     40006450        40006499        .
        -       0       Parent=Smp_340520.1
SM_V9_PAR2      Liftoff mRNA    39979062        40006669        .
        -       .
ID=Smp_340520.2;Parent=Smp_340520;geneID=Smp_340520;product=Protein
FAM98A;polypeptide_domain=InterPro:IPR018797 Pfam:PF10239
SM_V9_PAR2      Liftoff exon    39979062        39979303        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    39986152        39986400        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    39990004        39990193        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    39995378        39995578        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    39998440        39998654        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    39999071        39999148        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    40006201        40006257        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    40006294        40006415        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff exon    40006450        40006669        .
        -       .       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     39979278        39979303        .
        -       2       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     39986152        39986400        .
        -       2       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     39990004        39990193        .
        -       0       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     39995378        39995578        .
        -       0       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     39998440        39998654        .
        -       2       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     39999071        39999148        .
        -       2       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     40006201        40006257        .
        -       2       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     40006294        40006415        .
        -       1       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff CDS     40006450        40006499        .
        -       0       Parent=Smp_340520.2
SM_V9_PAR2      Liftoff gene    40026493        40027757        .
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        +       .       ID=Smp_026400;geneID=Smp_026400
SM_V9_PAR2      Liftoff mRNA    40026493        40027757        .
        +       .
ID=Smp_026400.1;Parent=Smp_026400;geneID=Smp_026400;product=Hepatic
leukemia factor;polypeptide_domain=InterPro:IPR004827
Pfam:PF07716;Ontology_term=GO:0003700,GO:0006355
SM_V9_PAR2      Liftoff exon    40026493        40027757        .
        +       .       Parent=Smp_026400.1
SM_V9_PAR2      Liftoff CDS     40026519        40027472        .
        +       0       Parent=Smp_026400.1
SM_V9_PAR2      Liftoff gene    40032848        40033048        .
        -       .       ID=Smp_204040;geneID=Smp_204040
SM_V9_PAR2      Liftoff mRNA    40032848        40033048        .
        -       .
ID=Smp_204040.1;Parent=Smp_204040;geneID=Smp_204040;product=tRNA
uridine 5-carboxymethylaminomethyl modification enzyme MnmG 2
SM_V9_PAR2      Liftoff exon    40032848        40033048        .
        -       .       Parent=Smp_204040.1
SM_V9_PAR2      Liftoff CDS     40032848        40033048        .
        -       0       Parent=Smp_204040.1
SM_V9_PAR2      Liftoff gene    40061763        40102008        .
        +       .
ID=Smp_243800;geneID=Smp_243800;previous_systematic_id=Smp_136420,Sm
p_136430
SM_V9_PAR2      Liftoff mRNA    40061763        40102008        .
        +       .
ID=Smp_243800.1;Parent=Smp_243800;geneID=Smp_243800;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR012346;Ontology_term=GO:00036
77,GO:0003700,GO:0005634,GO:0006355
SM_V9_PAR2      Liftoff exon    40061763        40071138        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40074854        40074878        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40074881        40075298        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40084437        40084512        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40087255        40087490        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40090744        40091004        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40093384        40094021        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40096006        40096049        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff exon    40100211        40102008        .
        +       .       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff CDS     40070692        40071138        .
        +       0       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff CDS     40074854        40074878        .
        +       0       Parent=Smp_243800.1
SM_V9_PAR2      Liftoff CDS     40074881        40075298        .
        +       2       Parent=Smp_243800.1
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SM_V9_PAR2	Liftoff	CDS	40084437	40084512	.
	+	1	Parent=Smp_243800.1
SM_V9_PAR2	Liftoff	CDS	40087255	40087490	.
	+	0	Parent=Smp_243800.1
SM_V9_PAR2	Liftoff	CDS	40090744	40091004	.
	+	1	Parent=Smp_243800.1
SM_V9_PAR2	Liftoff	CDS	40093384	40094021	.
	+	1	Parent=Smp_243800.1
SM_V9_PAR2	Liftoff	CDS	40096006	40096049	.
	+	2	Parent=Smp_243800.1
SM_V9_PAR2	Liftoff	CDS	40100211	40100276	.
	+	0	Parent=Smp_243800.1
SM_V9_PAR2	Liftoff	gene	40112903	40121603	.
	+	.	ID=Smp_026420;geneID=Smp_026420
SM_V9_PAR2	Liftoff	mRNA	40112903	40121603	.
	+	.
ID=Smp_026420.1;Parent=Smp_026420;geneID=Smp_026420;product=Calcineu
rin B homologous protein
1;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_PAR2	Liftoff	exon	40112903	40112998	.
	+	.	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	exon	40113036	40113108	.
	+	.	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	exon	40114801	40114881	.
	+	.	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	exon	40117914	40118124	.
	+	.	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	exon	40119961	40120041	.
	+	.	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	exon	40120879	40121603	.
	+	.	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	CDS	40112932	40112998	.
	+	0	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	CDS	40113036	40113108	.
	+	2	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	CDS	40114801	40114881	.
	+	1	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	CDS	40117914	40118124	.
	+	1	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	CDS	40119961	40120041	.
	+	0	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	CDS	40120879	40120932	.
	+	0	Parent=Smp_026420.1
SM_V9_PAR2	Liftoff	gene	40124147	40236409	.
	-	.
ID=Smp_333390;geneID=Smp_333390;previous_systematic_id=Smp_136440,Sm
p_136450,Smp_178180
SM_V9_PAR2	Liftoff	mRNA	40124147	40164629	.
	-	.
ID=Smp_333390.2;Parent=Smp_333390;geneID=Smp_333390;product=Potassiu
m voltage-gated channel protein
eag;polypeptide_domain=InterPro:IPR000014,IPR000595,IPR000700,IPR001
610,IPR003938,IPR003949,IPR005821,IPR014710,IPR018490
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Pfam:PF00027,PF00520,PF13426;Ontology_term=GO:0000155,GO:0000160,GO:
0005216,GO:0005249,GO:0006811,GO:0006813,GO:0016020,GO:0055085
SM_V9_PAR2      Liftoff exon    40124147        40126551        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40126608        40127034        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40130251        40130450        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40133209        40133461        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40135303        40135502        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40138290        40138392        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40143506        40143540        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40144549        40144789        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40147670        40148068        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40155137        40155465        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40161488        40161619        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40164245        40164475        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff exon    40164590        40164629        .
        -       .       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40124723        40126551        .
        -       2       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40126608        40127034        .
        -       0       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40130251        40130450        .
        -       2       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40133209        40133461        .
        -       0       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40135303        40135502        .
        -       2       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40138290        40138392        .
        -       0       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40143506        40143540        .
        -       2       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40144549        40144789        .
        -       0       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40147670        40148068        .
        -       0       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40155137        40155465        .
        -       2       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40161488        40161619        .
        -       2       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40164245        40164475        .
        -       2       Parent=Smp_333390.2
SM_V9_PAR2      Liftoff CDS     40164590        40164602        .
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SM_V9_PAR2	Liftoff	mRNA	40124147	40236409	.
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ID=Smp_333390.1;Parent=Smp_333390;geneID=Smp_333390;product=Potassiu
m voltage-gated channel subfamily H member
5;polypeptide_domain=InterPro:IPR000014,IPR000595,IPR000700,IPR00161
0,IPR003938,IPR003949,IPR005821,IPR014710,IPR018490
Pfam:PF00027,PF00520,PF13426;Ontology_term=GO:0000155,GO:0000160,GO:
0005216,GO:0005249,GO:0006811,GO:0006813,GO:0016020,GO:0055085
SM_V9_PAR2	Liftoff	exon	40124147	40126551	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40126608	40127034	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40130251	40130450	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40133209	40133461	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40135303	40135502	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40138290	40138392	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40143506	40143540	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40144549	40144789	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40147670	40148068	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40155137	40155465	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40161488	40161619	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40164245	40164475	.
	-	.	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	exon	40235267	40236409	.
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SM_V9_PAR2	Liftoff	CDS	40124723	40126551	.
	-	2	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40126608	40127034	.
	-	0	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40130251	40130450	.
	-	2	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40133209	40133461	.
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SM_V9_PAR2	Liftoff	CDS	40135303	40135502	.
	-	2	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40138290	40138392	.
	-	0	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40143506	40143540	.
	-	2	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40144549	40144789	.
	-	0	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40147670	40148068	.
	-	0	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40155137	40155465	.
	-	2	Parent=Smp_333390.1
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SM_V9_PAR2	Liftoff	CDS	40161488	40161619	.
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SM_V9_PAR2	Liftoff	CDS	40164245	40164475	.
	-	2	Parent=Smp_333390.1
SM_V9_PAR2	Liftoff	CDS	40235267	40235345	.
	-	0	Parent=Smp_333390.1
SM_V9_PAR2	iris	gene	40262441	40290712	.
	+	.
ID=Smp_136460;geneID=Smp_136460;gene_name=Smp_136460;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	40262441	40290712	.
	+	.
ID=Smp_136460.1;Parent=Smp_136460;geneID=Smp_136460;gene_name=Smp_13
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ied=2022-07-19;Name=Smp_136460.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	40262441	40262473	.
	+	.	Parent=Smp_136460.1;Name=de493367-5797-4dae-
a00b-cd8dce5a2a8c
SM_V9_PAR2	iris	exon	40263304	40263684	.
	+	.	Parent=Smp_136460.1;Name=faf8bb46-51ba-41eb-
b9b3-f7f4aa420a58
SM_V9_PAR2	iris	exon	40268246	40268766	.
	+	.
Parent=Smp_136460.1;Name=e3bf9e66-76a8-447c-9440-cdd932ac14ec
SM_V9_PAR2	iris	exon	40271575	40271853	.
	+	.	Parent=Smp_136460.1;Name=c1a74ba5-d331-4412-
a1b5-0554c3344ef3
SM_V9_PAR2	iris	exon	40275784	40276384	.
	+	.	Parent=Smp_136460.1;Name=daccc649-
ac4f-4e0b-8d83-2ca9443ee984
SM_V9_PAR2	iris	exon	40277704	40278171	.
	+	.	Parent=Smp_136460.1;Name=32750063-5bc1-4afe-
b84f-5fb5835d6a4a
SM_V9_PAR2	iris	exon	40280216	40280646	.
	+	.	Parent=Smp_136460.1;Name=868f1d72-a51f-40cf-
a11c-2c23b7816a46
SM_V9_PAR2	iris	exon	40281964	40282368	.
	+	.	Parent=Smp_136460.1;Name=0c2846ad-
c596-4f3e-9858-7e056a6d3fdb
SM_V9_PAR2	iris	exon	40283726	40284218	.
	+	.	Parent=Smp_136460.1;Name=c58e3c89-efe0-4aab-
a929-ef071f03367b
SM_V9_PAR2	iris	exon	40285960	40286687	.
	+	.	Parent=Smp_136460.1;Name=8cebf5e1-5d5a-4ef3-
ae49-151baef8f03e
SM_V9_PAR2	iris	exon	40288315	40290712	.
	+	.	Parent=Smp_136460.1;Name=6e7381f6-2066-41a1-
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SM_V9_PAR2	iris	CDS	40263363	40263684	.
	+	0	Parent=Smp_136460.1
SM_V9_PAR2	iris	CDS	40268246	40268766	.
	+	2	Parent=Smp_136460.1
SM_V9_PAR2	iris	CDS	40271575	40271853	.
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        +       2       Parent=Smp_136460.1
SM_V9_PAR2      iris    CDS     40280216        40280646        .
        +       2       Parent=Smp_136460.1
SM_V9_PAR2      iris    CDS     40281964        40282368        .
        +       0       Parent=Smp_136460.1
SM_V9_PAR2      iris    CDS     40283726        40284218        .
        +       0       Parent=Smp_136460.1
SM_V9_PAR2      iris    CDS     40285960        40286687        .
        +       2       Parent=Smp_136460.1
SM_V9_PAR2      iris    CDS     40288315        40289358        .
        +       0       Parent=Smp_136460.1
SM_V9_PAR2      Liftoff gene    40303691        40322428        .
        +       .       ID=Smp_026510;geneID=Smp_026510
SM_V9_PAR2      Liftoff mRNA    40303691        40322428        .
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ID=Smp_026510.1;Parent=Smp_026510;geneID=Smp_026510;product=Dual
specificity mitogen-activated protein kinase kinase 1
(Fragment);polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009
,IPR017441
Pfam:PF00069;Ontology_term=GO:0004672,GO:0005524,GO:0006468
SM_V9_PAR2      Liftoff exon    40303691        40308860        .
        +       .       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff exon    40312038        40312287        .
        +       .       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff exon    40314163        40314380        .
        +       .       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff exon    40318153        40318481        .
        +       .       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff exon    40320525        40322428        .
        +       .       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff CDS     40308394        40308860        .
        +       0       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff CDS     40312038        40312287        .
        +       1       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff CDS     40314163        40314380        .
        +       0       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff CDS     40318153        40318481        .
        +       1       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff CDS     40320525        40320898        .
        +       2       Parent=Smp_026510.1
SM_V9_PAR2      Liftoff gene    40329551        40396168        .
        +       .       ID=Smp_136470;geneID=Smp_136470
SM_V9_PAR2      Liftoff mRNA    40329551        40396168        .
        +       .
ID=Smp_136470.1;Parent=Smp_136470;geneID=Smp_136470;product=Pleckstr
in homology domain-containing family G member
5;polypeptide_domain=InterPro:IPR000219,IPR011993
Pfam:PF00621;Ontology_term=GO:0005089,GO:0035023
SM_V9_PAR2      Liftoff exon    40329551        40330398        .
        +       .       Parent=Smp_136470.1
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SM_V9_PAR2	Liftoff	exon	40347478	40347581	.
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SM_V9_PAR2	Liftoff	exon	40349109	40349236	.
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SM_V9_PAR2	Liftoff	exon	40362517	40362593	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40368553	40368912	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40370896	40370991	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40373987	40374184	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40378604	40378714	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40381288	40381437	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40383873	40384033	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40387301	40387832	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40390043	40390184	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40392917	40393026	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	exon	40394570	40396168	.
	+	.	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40329604	40330398	.
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SM_V9_PAR2	Liftoff	CDS	40347478	40347581	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40349109	40349236	.
	+	1	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40362517	40362593	.
	+	2	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40368553	40368912	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40370896	40370991	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40373987	40374184	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40378604	40378714	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40381288	40381437	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40383873	40384033	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40387301	40387832	.
	+	1	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40390043	40390184	.
	+	0	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40392917	40393026	.
	+	2	Parent=Smp_136470.1
SM_V9_PAR2	Liftoff	CDS	40394570	40395622	.
	+	0	Parent=Smp_136470.1
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SM_V9_PAR2	iris	gene	40407789	40409810	.
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ID=Smp_136480;geneID=Smp_136480;gene_name=Smp_136480;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	40407789	40409810	.
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ID=Smp_136480.1;Parent=Smp_136480;geneID=Smp_136480;gene_name=Smp_13
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protein;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	40407789	40409810	.
	+	.	Parent=Smp_136480.1;Name=5db07bfa-
f265-43d7-8a82-b3f7a80f3849
SM_V9_PAR2	iris	CDS	40407877	40408911	.
	+	0	Parent=Smp_136480.1
SM_V9_PAR2	iris	gene	40446199	40464718	.
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ID=Smp_136490;geneID=Smp_136490;gene_name=Smp_136490;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	40446199	40464718	.
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ID=Smp_136490.1;Parent=Smp_136490;geneID=Smp_136490;gene_name=Smp_13
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ied=2022-07-19;Name=Smp_136490.1;product=Target of rapamycin complex
2 subunit MAPKAP1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	40446199	40446897	.
	-	.	Parent=Smp_136490.1;Name=72c91612-ace8-462d-
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SM_V9_PAR2	iris	exon	40448656	40449044	.
	-	.	Parent=Smp_136490.1;Name=4c287520-d489-46e8-
b3a8-781c4b919618
SM_V9_PAR2	iris	exon	40455342	40455512	.
	-	.	Parent=Smp_136490.1;Name=4c4efe8b-3699-49cf-
ac92-56fab5721461
SM_V9_PAR2	iris	exon	40457679	40457953	.
	-	.	Parent=Smp_136490.1;Name=8e080107-7a4e-4912-
a3ce-1080537508d1
SM_V9_PAR2	iris	exon	40459455	40459664	.
	-	.	Parent=Smp_136490.1;Name=5e528407-88d6-47e3-
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SM_V9_PAR2	iris	exon	40461677	40462103	.
	-	.	Parent=Smp_136490.1;Name=5840c78f-5f41-4d5a-
b2b9-0e903da66085
SM_V9_PAR2	iris	exon	40464159	40464260	.
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SM_V9_PAR2	iris	exon	40464298	40464374	.
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SM_V9_PAR2	iris	exon	40464421	40464718	.
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SM_V9_PAR2	iris	CDS	40457679	40457953	.
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	-	1	Parent=Smp_136490.1
SM_V9_PAR2	iris	CDS	40461677	40462103	.
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SM_V9_PAR2	iris	CDS	40464159	40464260	.
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	-	1	Parent=Smp_136490.1
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SM_V9_PAR2      iris    exon    40514874        40514938        .
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SM_V9_PAR2      iris    CDS     40499056        40499179        .
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SM_V9_PAR2      iris    CDS     40501715        40501874        .
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SM_V9_PAR2      iris    CDS     40503202        40503324        .
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SM_V9_PAR2      iris    CDS     40518085        40518664        .
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SM_V9_PAR2      Liftoff CDS     40610835        40610976        .
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SM_V9_PAR2      Liftoff CDS     40611013        40611187        .
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SM_V9_PAR2      Liftoff exon    40610835        40610976        .
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SM_V9_PAR2      Liftoff exon    40611013        40611187        .
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SM_V9_PAR2      Liftoff CDS     40610835        40610976        .
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SM_V9_PAR2      Liftoff CDS     40611013        40611187        .
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SM_V9_PAR2      iris    gene    40710014        40726274        .
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ID=Smp_307270;geneID=Smp_307270;gene_name=Smp_307270;owner=irisadmin
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SM_V9_PAR2      Liftoff exon    40749287        40749353        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40750434        40750502        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40751043        40751116        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40753026        40753112        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40755677        40755717        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40759339        40759473        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40761573        40761993        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40762963        40763121        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40764370        40764498        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40769251        40769381        .
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        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40771435        40771534        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40773851        40774101        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff exon    40775447        40776050        .
        +       .       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40741575        40741598        .
        +       0       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40744072        40744207        .
        +       0       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40744243        40744315        .
        +       2       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40745962        40746075        .
        +       1       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40747279        40747525        .
        +       1       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40748265        40748355        .
        +       0       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40749287        40749353        .
        +       2       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40750434        40750502        .
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SM_V9_PAR2      Liftoff CDS     40751043        40751116        .
        +       1       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40753026        40753112        .
        +       2       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40755677        40755717        .
        +       2       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40759339        40759473        .
        +       0       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40761573        40761993        .
        +       0       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40762963        40763121        .
        +       2       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40764370        40764498        .
        +       2       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40769251        40769381        .
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        +       0       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40773851        40774101        .
        +       2       Parent=Smp_136510.1
SM_V9_PAR2      Liftoff CDS     40775447        40775710        .
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SM_V9_PAR2      Liftoff mRNA    40737774        40776050        .
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ID=Smp_136510.2;Parent=Smp_136510;geneID=Smp_136510;product=Rab3
GTPase-activating protein catalytic subunit
SM_V9_PAR2      Liftoff exon    40737774        40739613        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40739695        40739747        .
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SM_V9_PAR2      Liftoff exon    40741538        40741598        .
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        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40744072        40744207        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40744243        40744315        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40745962        40746075        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40747279        40747525        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40748265        40748355        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40749287        40749353        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40750434        40750502        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40751043        40751116        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40753026        40753112        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40755677        40755717        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40759339        40759473        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40761573        40761993        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40762963        40763121        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40764370        40764498        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40769251        40769381        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40771435        40771534        .
        +       .       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff exon    40773851        40774101        .
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SM_V9_PAR2      Liftoff exon    40775447        40776050        .
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SM_V9_PAR2      Liftoff CDS     40739581        40739613        .
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SM_V9_PAR2      Liftoff CDS     40741538        40741598        .
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SM_V9_PAR2      Liftoff CDS     40744072        40744207        .
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SM_V9_PAR2      Liftoff CDS     40744243        40744315        .
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SM_V9_PAR2      Liftoff CDS     40745962        40746075        .
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SM_V9_PAR2      Liftoff CDS     40747279        40747525        .
        +       1       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40748265        40748355        .
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SM_V9_PAR2      Liftoff CDS     40749287        40749353        .
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        +       2       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40750434        40750502        .
        +       1       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40751043        40751116        .
        +       1       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40753026        40753112        .
        +       2       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40755677        40755717        .
        +       2       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40759339        40759473        .
        +       0       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40761573        40761993        .
        +       0       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40762963        40763121        .
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SM_V9_PAR2      Liftoff CDS     40764370        40764498        .
        +       2       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40769251        40769381        .
        +       2       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40771435        40771534        .
        +       0       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40773851        40774101        .
        +       2       Parent=Smp_136510.2
SM_V9_PAR2      Liftoff CDS     40775447        40775710        .
        +       0       Parent=Smp_136510.2
SM_V9_PAR2      iris    gene    40793719        40824569        .
        -       .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    40793719        40824569        .
        -       .
ID=Smp_136520.1;Parent=Smp_136520;geneID=Smp_136520;gene_name=Smp_13
6520;owner=irisadmin@local.host;orig_id=Smp_136520.2;date_last_modif
ied=2022-07-19;Name=Smp_136520.1;product=General transcription
factor IIH subunit 2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    40793719        40794013        .
        -       .       Parent=Smp_136520.1;Name=33fd9f87-a808-4f17-
b9a3-817c07fce25e
SM_V9_PAR2      iris    exon    40795254        40795584        .
        -       .       Parent=Smp_136520.1;Name=5ef92fe4-c1d5-4d0c-
bbbc-9aaf26a1d26c
SM_V9_PAR2      iris    exon    40796883        40796940        .
        -       .       Parent=Smp_136520.1;Name=3a3f21fe-9203-4d0d-
b08e-302c93e948f0
SM_V9_PAR2      iris    exon    40799689        40799719        .
        -       .
Parent=Smp_136520.1;Name=f34ab5d1-65e1-427a-8f83-914570595a5b
SM_V9_PAR2      iris    exon    40802540        40802616        .
        -       .       Parent=Smp_136520.1;Name=f06a634d-
d894-4477-8890-8844444e230a
SM_V9_PAR2      iris    exon    40804292        40804464        .
        -       .       Parent=Smp_136520.1;Name=8853051f-
b8fa-4289-9c2c-27e4e18bab33
SM_V9_PAR2      iris    exon    40809867        40809972        .
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Parent=Smp_136520.1;Name=92a0dbcf-03a7-4d21-9dc9-d16914e4d550
SM_V9_PAR2      iris    exon    40813484        40813589        .
        -       .       Parent=Smp_136520.1;Name=56194878-917b-4c2b-
ae1f-2b27d1614a11
SM_V9_PAR2      iris    exon    40816701        40816787        .
        -       .       Parent=Smp_136520.1;Name=71cee659-3958-42d2-
bfc0-2aaedbc29a14
SM_V9_PAR2      iris    exon    40818389        40818524        .
        -       .       Parent=Smp_136520.1;Name=056f5585-d70b-4681-
bd39-62f7021c5745
SM_V9_PAR2      iris    exon    40824437        40824569        .
        -       .       Parent=Smp_136520.1;Name=57f29336-c4ea-453b-
aee2-5a893203f496
SM_V9_PAR2      iris    CDS     40793912        40794013        .
        -       0       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40795254        40795584        .
        -       1       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40796883        40796940        .
        -       2       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40799689        40799719        .
        -       0       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40802540        40802616        .
        -       2       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40804292        40804464        .
        -       1       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40809867        40809972        .
        -       2       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40813484        40813589        .
        -       0       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40816701        40816787        .
        -       0       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40818389        40818524        .
        -       1       Parent=Smp_136520.1
SM_V9_PAR2      iris    CDS     40824437        40824510        .
        -       0       Parent=Smp_136520.1
SM_V9_PAR2      iris    gene    40828575        40845770        .
        -       .
ID=Smp_136530;geneID=Smp_136530;gene_name=Smp_136530;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_PAR2      iris    mRNA    40828575        40845770        .
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ID=Smp_136530.1;Parent=Smp_136530;geneID=Smp_136530;gene_name=Smp_13
6530;owner=irisadmin@local.host;orig_id=Smp_136530.1;date_last_modif
ied=2022-08-14;Name=Smp_136530.1;product=Palmitoyltransferase
ZDHHC17;date_creation=2022-08-14
SM_V9_PAR2      iris    exon    40828575        40830204        .
        -       .       Parent=Smp_136530.1;Name=09f1a21c-a53b-4099-
aca6-da6fc9793f52
SM_V9_PAR2      iris    exon    40834692        40835277        .
        -       .       Parent=Smp_136530.1;Name=68f80031-
e753-4667-8292-3afdb29716dc
SM_V9_PAR2      iris    exon    40836747        40837088        .
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Parent=Smp_136530.1;Name=cdb41b01-15b3-4496-89e6-3b993e80fa5c
SM_V9_PAR2      iris    exon    40838530        40838761        .
        -       .       Parent=Smp_136530.1;Name=b4641080-15ec-44cd-
b647-09c4d6062a41
SM_V9_PAR2      iris    exon    40840137        40840603        .
        -       .       Parent=Smp_136530.1;Name=523cf0ae-56a4-4299-
b07f-aee81fcea3bf
SM_V9_PAR2      iris    exon    40845695        40845770        .
        -       .       Parent=Smp_136530.1;Name=cede6990-1d33-42f0-
aa94-ce7b51ba06b1
SM_V9_PAR2      iris    CDS     40829741        40830204        .
        -       2       Parent=Smp_136530.1
SM_V9_PAR2      iris    CDS     40834692        40835277        .
        -       0       Parent=Smp_136530.1
SM_V9_PAR2      iris    CDS     40836747        40837088        .
        -       0       Parent=Smp_136530.1
SM_V9_PAR2      iris    CDS     40838530        40838761        .
        -       1       Parent=Smp_136530.1
SM_V9_PAR2      iris    CDS     40840137        40840603        .
        -       0       Parent=Smp_136530.1
SM_V9_PAR2      iris    CDS     40845695        40845700        .
        -       0       Parent=Smp_136530.1
SM_V9_PAR2      iris    gene    40858369        40877070        .
        -       .
ID=Smp_178230;geneID=Smp_178230;gene_name=Smp_178230;owner=irisadmin
@local.host;date_last_modified=2022-10-18;date_creation=2022-10-18
SM_V9_PAR2      iris    mRNA    40858369        40877070        .
        -       .
ID=Smp_178230.1;Parent=Smp_178230;geneID=Smp_178230;gene_name=Smp_17
8230;owner=irisadmin@local.host;orig_id=Smp_178230.1;date_last_modif
ied=2022-10-18;Name=Smp_178230.1;product=Protein
FAM184A;date_creation=2022-10-18
SM_V9_PAR2      iris    exon    40858369        40858630        .
        -       .       Parent=Smp_178230.1;Name=88b83eca-682b-441a-
bc4d-ff4db73ac65b
SM_V9_PAR2      iris    exon    40861162        40861301        .
        -       .       Parent=Smp_178230.1;Name=b8c7796d-
f01a-4aeb-891d-28461e750571
SM_V9_PAR2      iris    exon    40862624        40862990        .
        -       .       Parent=Smp_178230.1;Name=289f32f0-a69d-4c11-
a9cd-e913313ebd7a
SM_V9_PAR2      iris    exon    40866091        40866290        .
        -       .
Parent=Smp_178230.1;Name=8afc26e4-701d-4edc-8d9f-d77167a91bca
SM_V9_PAR2      iris    exon    40873050        40873233        .
        -       .       Parent=Smp_178230.1;Name=843a40e1-05b7-4e77-
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SM_V9_PAR2      iris    exon    40875763        40876075        .
        -       .       Parent=Smp_178230.1;Name=b1cdd712-092d-4a18-
b02e-ee28177fc99c
SM_V9_PAR2      iris    exon    40876955        40877070        .
        -       .       Parent=Smp_178230.1;Name=fa0dbd45-4c06-4981-
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SM_V9_PAR2      iris    CDS     40858450        40858630        .
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        -       0       Parent=Smp_178230.1
SM_V9_PAR2      iris    CDS     40862624        40862990        .
        -       1       Parent=Smp_178230.1
SM_V9_PAR2      iris    CDS     40866091        40866290        .
        -       0       Parent=Smp_178230.1
SM_V9_PAR2      iris    CDS     40873050        40873233        .
        -       1       Parent=Smp_178230.1
SM_V9_PAR2      iris    CDS     40875763        40876067        .
        -       0       Parent=Smp_178230.1
SM_V9_PAR2      Liftoff gene    40893863        40912256        .
        +       .       ID=Smp_173650;geneID=Smp_173650
SM_V9_PAR2      Liftoff mRNA    40893863        40912256        .
        +       .
ID=Smp_173650.1;Parent=Smp_173650;geneID=Smp_173650;product=High
mobility group protein 20A;polypeptide_domain=InterPro:IPR009071
Pfam:PF00505
SM_V9_PAR2      Liftoff exon    40893863        40904666        .
        +       .       Parent=Smp_173650.1
SM_V9_PAR2      Liftoff exon    40908537        40908704        .
        +       .       Parent=Smp_173650.1
SM_V9_PAR2      Liftoff exon    40911993        40912256        .
        +       .       Parent=Smp_173650.1
SM_V9_PAR2      Liftoff CDS     40904226        40904666        .
        +       0       Parent=Smp_173650.1
SM_V9_PAR2      Liftoff CDS     40908537        40908704        .
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SM_V9_PAR2      Liftoff CDS     40911993        40912196        .
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SM_V9_PAR2      Liftoff gene    40912265        40918380        .
        -       .
ID=Smp_346230;geneID=Smp_346230;previous_systematic_id=Smp_173660
SM_V9_PAR2      Liftoff mRNA    40912265        40918380        .
        -       .
ID=Smp_346230.1;Parent=Smp_346230;geneID=Smp_346230;product=Cytochro
me c oxidase assembly protein COX16, mitochondrial
SM_V9_PAR2      Liftoff exon    40912265        40918380        .
        -       .       Parent=Smp_346230.1
SM_V9_PAR2      Liftoff CDS     40912377        40912607        .
        -       0       Parent=Smp_346230.1
SM_V9_PAR2      iris    gene    40935964        40948986        .
        +       .
ID=Smp_094050;geneID=Smp_094050;gene_name=Smp_094050;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    40935964        40948986        .
        +       .
ID=Smp_094050.1;Parent=Smp_094050;geneID=Smp_094050;gene_name=Smp_09
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SM_V9_PAR2      iris    exon    40935964        40936234        .
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Parent=Smp_094050.1;Name=0e9cef24-5e76-483a-8fc8-d3b1e390533d
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SM_V9_PAR2	iris	exon	40936378	40936460	.
	+	.
Parent=Smp_094050.1;Name=ec6fca0f-5da3-42ba-82e2-ff032ac6128c
SM_V9_PAR2	iris	exon	40938295	40938597	.
	+	.	Parent=Smp_094050.1;Name=815c040c-8364-4317-
b49d-2a991ab8c5c6
SM_V9_PAR2	iris	exon	40940822	40940990	.
	+	.	Parent=Smp_094050.1;Name=923ce156-5ca5-4def-
a2ba-8f7f0f58d0c7
SM_V9_PAR2	iris	exon	40943207	40943409	.
	+	.
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SM_V9_PAR2	iris	exon	40946087	40946388	.
	+	.	Parent=Smp_094050.1;Name=496aaff2-c0b5-432d-
b9c7-d87a420255cd
SM_V9_PAR2	iris	exon	40948556	40948986	.
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Parent=Smp_094050.1;Name=77ddc1f0-0c93-472b-8cf3-f7e8eeb4c9d3
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SM_V9_PAR2	iris	CDS	40936268	40936347	.
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SM_V9_PAR2	iris	CDS	40936378	40936460	.
	+	0	Parent=Smp_094050.1
SM_V9_PAR2	iris	CDS	40938295	40938597	.
	+	1	Parent=Smp_094050.1
SM_V9_PAR2	iris	CDS	40940822	40940990	.
	+	1	Parent=Smp_094050.1
SM_V9_PAR2	iris	CDS	40943207	40943409	.
	+	0	Parent=Smp_094050.1
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	+	1	Parent=Smp_094050.1
SM_V9_PAR2	iris	CDS	40948556	40948752	.
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SM_V9_PAR2	iris	mRNA	40956412	40972440	.
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6640;owner=irisadmin@local.host;orig_id=Smp_316640.1;date_last_modif
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metalloproteinase domain-containing protein
B;date_creation=2022-11-13
SM_V9_PAR2	iris	exon	40956412	40956783	.
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Parent=Smp_316640.1;Name=e412a199-178c-48a0-9570-5119c5aaa304
SM_V9_PAR2	iris	exon	40962829	40962919	.
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SM_V9_PAR2      iris    exon    40972296        40972440        .
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SM_V9_PAR2      iris    CDS     40956654        40956783        .
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SM_V9_PAR2      iris    CDS     40962829        40962919        .
        -       2       Parent=Smp_316640.1
SM_V9_PAR2      iris    CDS     40972296        40972374        .
        -       0       Parent=Smp_316640.1
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ied=2022-07-19;Name=Smp_094060.1;product=Phenylalanine--tRNA ligase
beta subunit;date_creation=2022-07-19
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        +       .       Parent=Smp_094060.1;Name=8ceb71a7-c24d-4b07-
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SM_V9_PAR2      iris    exon    40998561        40998715        .
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SM_V9_PAR2      iris    exon    40998851        40998966        .
        +       .       Parent=Smp_094060.1;Name=d6d46a68-
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SM_V9_PAR2      iris    exon    41000071        41000221        .
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Parent=Smp_094060.1;Name=f2036036-0439-4254-9703-4938d7d5700a
SM_V9_PAR2      iris    exon    41001994        41002102        .
        +       .       Parent=Smp_094060.1;Name=682696bf-4651-468f-
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SM_V9_PAR2      iris    exon    41003172        41003304        .
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SM_V9_PAR2      iris    exon    41005594        41005645        .
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Parent=Smp_094060.1;Name=40cbe007-7290-4f65-8a90-545b7282f169
SM_V9_PAR2      iris    exon    41007012        41007180        .
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Parent=Smp_094060.1;Name=98543bc2-2d02-46d4-9acd-e2acae31cb9c
SM_V9_PAR2      iris    exon    41009149        41009381        .
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SM_V9_PAR2      iris    exon    41012293        41012385        .
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SM_V9_PAR2      iris    CDS     40998372        40998429        .
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SM_V9_PAR2      iris    CDS     40998471        40998526        .
        +       2       Parent=Smp_094060.1
SM_V9_PAR2      iris    CDS     40998561        40998715        .
        +       0       Parent=Smp_094060.1
SM_V9_PAR2      iris    CDS     40998750        40998816        .
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SM_V9_PAR2      iris    CDS     40998851        40998966        .
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        +       1       Parent=Smp_094060.1
SM_V9_PAR2      iris    CDS     41001994        41002102        .
        +       0       Parent=Smp_094060.1
SM_V9_PAR2      iris    CDS     41003172        41003304        .
        +       2       Parent=Smp_094060.1
SM_V9_PAR2      iris    CDS     41005594        41005645        .
        +       1       Parent=Smp_094060.1
SM_V9_PAR2      iris    CDS     41007012        41007180        .
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SM_V9_PAR2      iris    CDS     41009149        41009381        .
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SM_V9_PAR2      iris    CDS     41012293        41012385        .
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SM_V9_PAR2      iris    CDS     41013755        41013872        .
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SM_V9_PAR2      Liftoff gene    41017598        41045090        .
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p_173680,Smp_173690,Smp_206160
SM_V9_PAR2      Liftoff mRNA    41017598        41045090        .
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SM_V9_PAR2      Liftoff exon    41017598        41018172        .
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SM_V9_PAR2      Liftoff exon    41020048        41020134        .
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SM_V9_PAR2      Liftoff exon    41021177        41021442        .
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SM_V9_PAR2	Liftoff	exon	41024997	41025330	.
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SM_V9_PAR2	Liftoff	exon	41026760	41026879	.
	-	.	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	exon	41031839	41031993	.
	-	.	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	exon	41033740	41033771	.
	-	.	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	exon	41036285	41036493	.
	-	.	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	exon	41037739	41037852	.
	-	.	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	exon	41039485	41039581	.
	-	.	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	exon	41042770	41043293	.
	-	.	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	exon	41044078	41045090	.
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SM_V9_PAR2	Liftoff	CDS	41017843	41018172	.
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SM_V9_PAR2	Liftoff	CDS	41020048	41020134	.
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SM_V9_PAR2	Liftoff	CDS	41021177	41021442	.
	-	2	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	CDS	41024997	41025330	.
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SM_V9_PAR2	Liftoff	CDS	41026760	41026879	.
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SM_V9_PAR2	Liftoff	CDS	41031839	41031993	.
	-	2	Parent=Smp_333400.1
SM_V9_PAR2	Liftoff	CDS	41033740	41033771	.
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SM_V9_PAR2	Liftoff	CDS	41036285	41036493	.
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SM_V9_PAR2	Liftoff	CDS	41037739	41037852	.
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SM_V9_PAR2	Liftoff	exon	41024997	41025330	.
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SM_V9_PAR2	Liftoff	exon	41026760	41026879	.
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SM_V9_PAR2      Liftoff exon    41033740        41033771        .
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SM_V9_PAR2      Liftoff exon    41036285        41036493        .
        -       .       Parent=Smp_333400.2
SM_V9_PAR2      Liftoff exon    41037739        41037852        .
        -       .       Parent=Smp_333400.2
SM_V9_PAR2      Liftoff exon    41039485        41039581        .
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SM_V9_PAR2      Liftoff exon    41042770        41043293        .
        -       .       Parent=Smp_333400.2
SM_V9_PAR2      Liftoff exon    41044078        41045090        .
        -       .       Parent=Smp_333400.2
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SM_V9_PAR2      Liftoff CDS     41024997        41025330        .
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SM_V9_PAR2      Liftoff CDS     41033740        41033771        .
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SM_V9_PAR2      Liftoff CDS     41036285        41036493        .
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SM_V9_PAR2      Liftoff CDS     41037739        41037852        .
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SM_V9_PAR2      Liftoff CDS     41039485        41039581        .
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SM_V9_PAR2      Liftoff CDS     41044078        41044125        .
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SM_V9_PAR2      Liftoff mRNA    41017598        41045090        .
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SM_V9_PAR2      Liftoff exon    41020048        41020134        .
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SM_V9_PAR2      Liftoff exon    41024997        41025330        .
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SM_V9_PAR2      Liftoff exon    41026760        41026879        .
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SM_V9_PAR2      Liftoff exon    41031839        41031993        .
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SM_V9_PAR2      Liftoff CDS     41020048        41020134        .
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SM_V9_PAR2      Liftoff CDS     41021177        41021442        .
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SM_V9_PAR2      Liftoff CDS     41024997        41025330        .
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SM_V9_PAR2      Liftoff CDS     41026760        41026879        .
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SM_V9_PAR2      Liftoff CDS     41031839        41031993        .
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SM_V9_PAR2      Liftoff CDS     41033740        41033771        .
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SM_V9_PAR2      Liftoff CDS     41036285        41036493        .
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SM_V9_PAR2      Liftoff CDS     41037739        41037852        .
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SM_V9_PAR2      Liftoff CDS     41039485        41039581        .
        -       1       Parent=Smp_333400.3
SM_V9_PAR2      Liftoff CDS     41042770        41043269        .
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SM_V9_PAR2      Liftoff gene    41054154        41070903        .
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SM_V9_PAR2      Liftoff mRNA    41054154        41070903        .
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Pfam:PF00069,PF11629;Ontology_term=GO:0004672,GO:0004674,GO:0005524,
GO:0006468,GO:0007165
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SM_V9_PAR2      Liftoff exon    41057507        41057662        .
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SM_V9_PAR2      Liftoff exon    41063456        41063745        .
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SM_V9_PAR2      Liftoff CDS     41057507        41057662        .
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SM_V9_PAR2      Liftoff CDS     41063456        41063745        .
        +       0       Parent=Smp_333410.1
SM_V9_PAR2      Liftoff CDS     41066327        41066593        .
        +       1       Parent=Smp_333410.1
SM_V9_PAR2      Liftoff CDS     41067736        41068128        .
        +       1       Parent=Smp_333410.1
SM_V9_PAR2      Liftoff CDS     41070020        41070392        .
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SM_V9_PAR2      Liftoff gene    41075404        41081266        .
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Pfam:PF09825
SM_V9_PAR2      Liftoff exon    41075404        41075970        .
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SM_V9_PAR2      Liftoff exon    41080449        41081266        .
        +       .       Parent=Smp_081420.1
SM_V9_PAR2      Liftoff CDS     41075610        41075970        .
        +       0       Parent=Smp_081420.1
SM_V9_PAR2      Liftoff CDS     41078808        41078985        .
        +       2       Parent=Smp_081420.1
SM_V9_PAR2      Liftoff CDS     41080449        41080716        .
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SM_V9_PAR2      iris    gene    41083452        41093410        .
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ID=Smp_081430;geneID=Smp_081430;gene_name=Smp_081430;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    41083452        41093410        .
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ID=Smp_081430.1;Parent=Smp_081430;geneID=Smp_081430;gene_name=Smp_08
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ied=2022-07-19;Name=Smp_081430.1;product=Retinol dehydrogenase
14;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    41083452        41084801        .
        -       .       Parent=Smp_081430.1;Name=358b8449-b63a-4aa3-
aeaf-1c039852328f
SM_V9_PAR2      iris    exon    41091301        41091768        .
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SM_V9_PAR2      Liftoff exon    41153253        41153374        .
        +       .       Parent=Smp_081450.1
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        +       .       Parent=Smp_081450.1
SM_V9_PAR2      Liftoff exon    41160526        41160840        .
        +       .       Parent=Smp_081450.1
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        +       .       Parent=Smp_081450.1
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SM_V9_PAR2      Liftoff CDS     41181420        41181494        .
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        +       .       Parent=Smp_081460.1;Name=ca94f772-edcd-44c5-
b9a9-4d62a7968502
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Parent=Smp_081460.1;Name=1173fa7b-15f1-4d85-8b9e-56205c77f201
SM_V9_PAR2      iris    exon    41197243        41197446        .
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b027-a0c4d8945b3e
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Parent=Smp_081460.1;Name=655b46df-7ba2-4cb1-8e5a-47481f1383b0
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SM_V9_PAR2      iris    CDS     41197243        41197446        .
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SM_V9_PAR2      iris    CDS     41199000        41199140        .
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SM_V9_PAR2      iris    gene    41214899        41233012        .
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SM_V9_PAR2      iris    exon    41224263        41224464        .
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SM_V9_PAR2      iris    exon    41227161        41227310        .
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SM_V9_PAR2      iris    exon    41232488        41233012        .
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SM_V9_PAR2      iris    CDS     41232488        41232726        .
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SM_V9_PAR2      Liftoff gene    41237564        41256315        .
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ID=Smp_345630;geneID=Smp_345630;previous_systematic_id=Smp_166050
SM_V9_PAR2      Liftoff mRNA    41237564        41256280        .
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ID=Smp_345630.2;Parent=Smp_345630;geneID=Smp_345630;product=Protein
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SM_V9_PAR2      Liftoff exon    41239266        41239992        .
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SM_V9_PAR2      Liftoff exon    41240354        41242512        .
        -       .       Parent=Smp_345630.2
SM_V9_PAR2      Liftoff exon    41242965        41243243        .
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SM_V9_PAR2      Liftoff exon    41244121        41244679        .
        -       .       Parent=Smp_345630.2
SM_V9_PAR2      Liftoff exon    41245669        41246063        .
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SM_V9_PAR2      Liftoff exon    41247743        41247933        .
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SM_V9_PAR2      Liftoff exon    41248352        41248892        .
        -       .       Parent=Smp_345630.2
SM_V9_PAR2      Liftoff exon    41250016        41251371        .
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SM_V9_PAR2      Liftoff exon    41252242        41252806        .
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SM_V9_PAR2      Liftoff exon    41253188        41253345        .
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SM_V9_PAR2      Liftoff exon    41254904        41255248        .
        -       .       Parent=Smp_345630.2
SM_V9_PAR2      Liftoff exon    41255957        41256280        .
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SM_V9_PAR2      Liftoff CDS     41238232        41238245        .
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SM_V9_PAR2      Liftoff CDS     41239266        41239992        .
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SM_V9_PAR2      Liftoff CDS     41240354        41242512        .
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SM_V9_PAR2      Liftoff CDS     41242965        41243243        .
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SM_V9_PAR2      Liftoff CDS     41244121        41244679        .
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SM_V9_PAR2      Liftoff CDS     41250016        41251371        .
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SM_V9_PAR2      Liftoff CDS     41254904        41255248        .
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SM_V9_PAR2      Liftoff CDS     41255957        41256059        .
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SM_V9_PAR2      Liftoff exon    41244121        41244679        .
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SM_V9_PAR2      Liftoff exon    41250016        41251371        .
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SM_V9_PAR2      Liftoff exon    41252242        41252806        .
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SM_V9_PAR2      Liftoff exon    41253188        41253345        .
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SM_V9_PAR2      Liftoff exon    41254904        41255248        .
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SM_V9_PAR2      Liftoff exon    41255957        41256315        .
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SM_V9_PAR2      Liftoff CDS     41240354        41242512        .
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SM_V9_PAR2      Liftoff CDS     41244121        41244679        .
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SM_V9_PAR2      Liftoff CDS     41247743        41247933        .
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SM_V9_PAR2      Liftoff CDS     41248352        41248892        .
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SM_V9_PAR2      iris    CDS     41276125        41276347        .
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SM_V9_PAR2      Liftoff mRNA    41291192        41325870        .
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ical protein
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SM_V9_PAR2      Liftoff CDS     41326391        41326474        .
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SM_V9_PAR2      Liftoff CDS     41326505        41326594        .
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SM_V9_PAR2      Liftoff CDS     41329067        41329198        .
        +       2       Parent=Smp_166070.1
SM_V9_PAR2      Liftoff CDS     41330407        41331086        .
        +       2       Parent=Smp_166070.1
SM_V9_PAR2      Liftoff CDS     41338452        41338774        .
        +       0       Parent=Smp_166070.1
SM_V9_PAR2      Liftoff CDS     41342210        41342406        .
        +       1       Parent=Smp_166070.1
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        +       2       Parent=Smp_166070.1
SM_V9_PAR2      Liftoff CDS     41345990        41346757        .
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        +       .       ID=Smp_166080;geneID=Smp_166080
SM_V9_PAR2      Liftoff mRNA    41353594        41372578        .
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86,IPR019775 Pfam:PF00400,PF08232;Ontology_term=GO:0005515
SM_V9_PAR2      Liftoff exon    41353594        41353836        .
        +       .       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff exon    41354615        41354922        .
        +       .       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff exon    41356630        41356818        .
        +       .       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff exon    41358463        41358742        .
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SM_V9_PAR2      Liftoff exon    41359789        41359911        .
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SM_V9_PAR2      Liftoff exon    41363669        41363946        .
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SM_V9_PAR2      Liftoff exon    41364916        41365183        .
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SM_V9_PAR2      Liftoff exon    41366510        41366680        .
        +       .       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff exon    41368005        41368211        .
        +       .       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff exon    41369481        41369738        .
        +       .       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff exon    41371561        41372578        .
        +       .       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff CDS     41353627        41353836        .
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SM_V9_PAR2      Liftoff CDS     41354615        41354922        .
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SM_V9_PAR2      Liftoff CDS     41356630        41356818        .
        +       1       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff CDS     41358463        41358742        .
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SM_V9_PAR2      Liftoff CDS     41360986        41361319        .
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SM_V9_PAR2      Liftoff CDS     41363669        41363946        .
        +       2       Parent=Smp_166080.1
SM_V9_PAR2      Liftoff CDS     41364916        41365183        .
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SM_V9_PAR2      Liftoff CDS     41366510        41366680        .
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SM_V9_PAR2      Liftoff CDS     41368005        41368211        .
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SM_V9_PAR2      Liftoff CDS     41369481        41369738        .
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SM_V9_PAR2      Liftoff CDS     41371561        41371739        .
        +       2       Parent=Smp_166080.1
SM_V9_PAR2      iris    gene    41377985        41392740        .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    41377985        41392740        .
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ID=Smp_166090.1;Parent=Smp_166090;geneID=Smp_166090;gene_name=Smp_16
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ied=2022-07-19;Name=Smp_166090.1;product=Coiled-coil domain-
containing protein 112;date_creation=2022-07-19
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SM_V9_PAR2      iris    exon    41379171        41379266        .
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Parent=Smp_166090.1;Name=679e1c97-3fba-42fa-8a65-a2da0d0e79f1
SM_V9_PAR2      iris    exon    41379998        41380041        .
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bf4b-fa5b4bd07fba
SM_V9_PAR2      iris    exon    41380809        41380941        .
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SM_V9_PAR2      iris    exon    41382757        41382990        .
        -       .       Parent=Smp_166090.1;Name=ae4bb822-2663-4b75-
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SM_V9_PAR2      iris    exon    41387444        41387866        .
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SM_V9_PAR2      iris    exon    41391153        41391354        .
        -       .       Parent=Smp_166090.1;Name=af51af1a-
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SM_V9_PAR2      iris    exon    41392069        41392144        .
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Parent=Smp_166090.1;Name=6c5061d9-2391-48da-9b32-afd62d53de26
SM_V9_PAR2      iris    exon    41392183        41392284        .
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SM_V9_PAR2      iris    exon    41392349        41392467        .
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Parent=Smp_166090.1;Name=9b51b19d-1fff-41d0-9711-304bd7229114
SM_V9_PAR2      iris    exon    41392525        41392740        .
        -       .       Parent=Smp_166090.1;Name=51cf33e0-f12f-4595-
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SM_V9_PAR2      iris    CDS     41378064        41378225        .
        -       0       Parent=Smp_166090.1
SM_V9_PAR2      iris    CDS     41379171        41379266        .
        -       0       Parent=Smp_166090.1
SM_V9_PAR2      iris    CDS     41379998        41380041        .
        -       2       Parent=Smp_166090.1
SM_V9_PAR2      iris    CDS     41380809        41380941        .
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SM_V9_PAR2      iris    CDS     41392069        41392144        .
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SM_V9_PAR2      iris    CDS     41392183        41392284        .
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SM_V9_PAR2      iris    CDS     41392525        41392595        .
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SM_V9_PAR2      Liftoff mRNA    41403059        41422610        .
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ID=Smp_345640.1;Parent=Smp_345640;geneID=Smp_345640;product=Hypothet
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SM_V9_PAR2      Liftoff exon    41406174        41406374        .
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SM_V9_PAR2      Liftoff exon    41412055        41412217        .
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SM_V9_PAR2      Liftoff exon    41418534        41422610        .
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SM_V9_PAR2      Liftoff CDS     41412055        41412217        .
        -       1       Parent=Smp_345640.1
SM_V9_PAR2      Liftoff CDS     41418534        41418586        .
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SM_V9_PAR2      Liftoff mRNA    41403059        41426620        .
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SM_V9_PAR2      Liftoff exon    41412055        41412217        .
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SM_V9_PAR2      Liftoff exon    41422553        41426620        .
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SM_V9_PAR2      Liftoff CDS     41403645        41404244        .
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SM_V9_PAR2      Liftoff CDS     41406174        41406374        .
        -       0       Parent=Smp_345640.3
SM_V9_PAR2      Liftoff CDS     41412055        41412217        .
        -       1       Parent=Smp_345640.3
SM_V9_PAR2      Liftoff CDS     41422553        41422605        .
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SM_V9_PAR2      Liftoff exon    41406174        41406374        .
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SM_V9_PAR2      Liftoff exon    41412055        41412217        .
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SM_V9_PAR2      Liftoff exon    41426572        41430640        .
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SM_V9_PAR2      Liftoff CDS     41403645        41404244        .
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SM_V9_PAR2      Liftoff CDS     41412055        41412217        .
        -       1       Parent=Smp_345640.2
SM_V9_PAR2      Liftoff CDS     41426572        41426624        .
        -       0       Parent=Smp_345640.2
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        -       .       ID=Smp_176040;geneID=Smp_176040
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SM_V9_PAR2      Liftoff exon    41436284        41436586        .
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SM_V9_PAR2      Liftoff exon    41438947        41439177        .
        -       .       Parent=Smp_176040.1
SM_V9_PAR2      Liftoff exon    41440662        41440839        .
        -       .       Parent=Smp_176040.1
SM_V9_PAR2      Liftoff exon    41443710        41444113        .
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SM_V9_PAR2      Liftoff exon    41447282        41447608        .
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me c oxidase protein 20 homolog
SM_V9_PAR2      Liftoff exon    41465664        41467331        .
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SM_V9_PAR2      Liftoff exon    41467372        41467435        .
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SM_V9_PAR2      Liftoff exon    41467470        41467673        .
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SM_V9_PAR2      Liftoff CDS     41467247        41467331        .
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SM_V9_PAR2      Liftoff CDS     41467372        41467435        .
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SM_V9_PAR2      Liftoff CDS     41467470        41467593        .
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ID=Smp_312360;geneID=Smp_312360;gene_name=Smp_312360;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    41470727        41491175        .
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SM_V9_PAR2      iris    exon    41478225        41478452        .
        -       .       Parent=Smp_312360.1;Name=6cc4b74b-55ba-41bf-
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SM_V9_PAR2      iris    exon    41482828        41483113        .
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SM_V9_PAR2      iris    exon    41490919        41491175        .
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SM_V9_PAR2      iris    CDS     41479776        41479973        .
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SM_V9_PAR2      iris    CDS     41482828        41483113        .
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SM_V9_PAR2      iris    CDS     41490919        41490929        .
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SM_V9_PAR2      iris    mRNA    41504818        41518767        .
        -       .
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SM_V9_PAR2      iris    exon    41509210        41509270        .
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SM_V9_PAR2      iris    exon    41510718        41510811        .
        -       .       Parent=Smp_176050.1;Name=524bf134-2ebf-401a-
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SM_V9_PAR2      iris    exon    41516461        41516572        .
        -       .       Parent=Smp_176050.1;Name=456fd8c1-1527-456c-
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SM_V9_PAR2      iris    exon    41518298        41518365        .
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SM_V9_PAR2	iris	exon	41518574	41518632	.
	-	.	Parent=Smp_176050.1;Name=1e34594d-ee13-442e-
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SM_V9_PAR2	iris	exon	41518666	41518767	.
	-	.	Parent=Smp_176050.1;Name=fd3b995d-
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SM_V9_PAR2	iris	CDS	41505278	41505339	.
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SM_V9_PAR2	iris	CDS	41509210	41509270	.
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SM_V9_PAR2	iris	CDS	41510718	41510811	.
	-	1	Parent=Smp_176050.1
SM_V9_PAR2	iris	CDS	41516461	41516572	.
	-	2	Parent=Smp_176050.1
SM_V9_PAR2	iris	CDS	41518298	41518365	.
	-	1	Parent=Smp_176050.1
SM_V9_PAR2	iris	CDS	41518402	41518439	.
	-	0	Parent=Smp_176050.1
SM_V9_PAR2	iris	CDS	41518482	41518535	.
	-	0	Parent=Smp_176050.1
SM_V9_PAR2	iris	CDS	41518574	41518632	.
	-	2	Parent=Smp_176050.1
SM_V9_PAR2	iris	CDS	41518666	41518735	.
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UBR2;date_creation=2022-07-19
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Parent=Smp_337110.1;Name=820a58e9-199e-43a0-9d2f-72efa8ff6098
SM_V9_PAR2	iris	exon	41536205	41536563	.
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Parent=Smp_337110.1;Name=02d9129e-4cb6-450b-8bcf-7fb8af581576
SM_V9_PAR2	iris	exon	41539650	41539728	.
	+	.	Parent=Smp_337110.1;Name=3dbc94d8-58db-47d3-
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SM_V9_PAR2	iris	exon	41543677	41543964	.
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Parent=Smp_337110.1;Name=d7c9545a-5264-4f97-9ebe-f69a372dccd8
SM_V9_PAR2	iris	exon	41544978	41545406	.
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Parent=Smp_337110.1;Name=5ee7e6ff-6c06-462a-83fb-72664e3aac8c
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SM_V9_PAR2      iris    exon    41594888        41595256        .
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SM_V9_PAR2      iris    exon    41602319        41602737        .
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SM_V9_PAR2      iris    CDS     41539650        41539728        .
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SM_V9_PAR2      iris    CDS     41543677        41543964        .
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SM_V9_PAR2	iris	CDS	41573840	41573911	.
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SM_V9_PAR2	iris	CDS	41577902	41578129	.
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SM_V9_PAR2	iris	CDS	41578541	41578780	.
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SM_V9_PAR2	iris	CDS	41579973	41580129	.
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SM_V9_PAR2	iris	CDS	41580816	41581056	.
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SM_V9_PAR2	iris	CDS	41582174	41582546	.
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SM_V9_PAR2	iris	CDS	41583774	41584443	.
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SM_V9_PAR2	iris	CDS	41589423	41590051	.
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SM_V9_PAR2	iris	CDS	41592371	41592648	.
	+	2	Parent=Smp_337110.1
SM_V9_PAR2	iris	CDS	41594888	41595256	.
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SM_V9_PAR2	iris	CDS	41597299	41597527	.
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SM_V9_PAR2	iris	gene	41609308	41636512	.
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SM_V9_PAR2      iris    exon    41611984        41612118        .
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SM_V9_PAR2      iris    exon    41612982        41613171        .
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SM_V9_PAR2      iris    exon    41614903        41615457        .
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Parent=Smp_176070.1;Name=18479187-1e95-4e04-896a-2b6b565cccf2
SM_V9_PAR2      iris    exon    41622322        41622581        .
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SM_V9_PAR2      iris    exon    41624407        41624733        .
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SM_V9_PAR2      iris    exon    41627573        41628026        .
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SM_V9_PAR2      iris    exon    41633585        41634286        .
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Parent=Smp_176070.1;Name=5f7fdd77-7587-455d-8d73-2ce755dbbc9b
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SM_V9_PAR2      iris    CDS     41614903        41615457        .
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SM_V9_PAR2      iris    exon    41656686        41656717        .
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123;date_creation=2022-07-19
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        +       .       Parent=Smp_176080.1;Name=d4c485ea-
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af6d-20d1459874ec
SM_V9_PAR2      iris    exon    41746283        41746642        .
        -       .       Parent=Smp_176090.1;Name=1e69972f-00c8-45e3-
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SM_V9_PAR2      iris    CDS     41692870        41693263        .
        -       1       Parent=Smp_176090.1
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        -       1       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41703248        41703470        .
        -       2       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41706341        41706473        .
        -       0       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41710141        41710654        .
        -       1       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41718066        41718136        .
        -       0       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41722300        41722617        .
        -       0       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41724122        41724412        .
        -       0       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41725566        41726132        .
        -       0       Parent=Smp_176090.1
SM_V9_PAR2      iris    CDS     41746283        41746453        .
        -       0       Parent=Smp_176090.1
SM_V9_PAR2      Liftoff gene    41757694        41774794        .
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SM_V9_PAR2      Liftoff mRNA    41757694        41774794        .
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Pfam:PF00505
SM_V9_PAR2      Liftoff exon    41757694        41758902        .
        -       .       Parent=Smp_346620.1
SM_V9_PAR2      Liftoff exon    41773872        41774794        .
        -       .       Parent=Smp_346620.1
SM_V9_PAR2      Liftoff CDS     41758403        41758902        .
        -       2       Parent=Smp_346620.1
SM_V9_PAR2      Liftoff CDS     41773872        41774406        .
        -       0       Parent=Smp_346620.1
SM_V9_PAR2      iris    gene    41812530        41815747        .
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ID=Smp_341740;geneID=Smp_341740;gene_name=Smp_341740;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    41812530        41815747        .
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ID=Smp_341740.1;Parent=Smp_341740;geneID=Smp_341740;gene_name=Smp_34
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1740;owner=irisadmin@local.host;orig_id=Smp_341740.2;date_last_modif
ied=2022-07-19;Name=Smp_341740.1;product=Signal recognition particle
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SM_V9_PAR2      iris    exon    41812530        41812822        .
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Parent=Smp_341740.1;Name=b56a96db-10d9-4a2b-8efc-2583e5fec828
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SM_V9_PAR2      iris    CDS     41813075        41813143        .
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SM_V9_PAR2      iris    CDS     41813176        41813271        .
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SM_V9_PAR2      Liftoff gene    41821572        41831247        .
        -       .       ID=Smp_103320;geneID=Smp_103320
SM_V9_PAR2      Liftoff mRNA    41821572        41831247        .
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Pfam:PF04969,PF14050
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SM_V9_PAR2      Liftoff exon    41824069        41824185        .
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SM_V9_PAR2      Liftoff exon    41825566        41825807        .
        -       .       Parent=Smp_103320.1
SM_V9_PAR2      Liftoff exon    41826708        41826843        .
        -       .       Parent=Smp_103320.1
SM_V9_PAR2      Liftoff exon    41828307        41831247        .
        -       .       Parent=Smp_103320.1
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SM_V9_PAR2      Liftoff CDS     41825566        41825807        .
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SM_V9_PAR2      Liftoff CDS     41826708        41826843        .
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SM_V9_PAR2      Liftoff CDS     41828307        41828474        .
        -       0       Parent=Smp_103320.1
SM_V9_PAR2      Liftoff gene    41828549        41829164        .
        -       .       ID=Smp_103330;geneID=Smp_103330
SM_V9_PAR2      Liftoff mRNA    41828549        41829164        .
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SM_V9_PAR2      Liftoff exon    41828549        41829164        .
        -       .       Parent=Smp_103330.1
SM_V9_PAR2      Liftoff CDS     41828579        41828935        .
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SM_V9_PAR2      Liftoff gene    41844651        41852805        .
        +       .       ID=Smp_164650;geneID=Smp_164650
SM_V9_PAR2      Liftoff mRNA    41844651        41852805        .
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ID=Smp_164650.1;Parent=Smp_164650;geneID=Smp_164650;product=Lupus La
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homolog;polypeptide_domain=InterPro:IPR000504,IPR002344,IPR006630,IP
R011991,IPR014886
Pfam:PF05383,PF08777;Ontology_term=GO:0003676,GO:0003723,GO:0005634,
GO:0006396,GO:0030529
SM_V9_PAR2      Liftoff exon    41844651        41844737        .
        +       .       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff exon    41844776        41844845        .
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SM_V9_PAR2      Liftoff exon    41844886        41845202        .
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SM_V9_PAR2      Liftoff exon    41845239        41845342        .
        +       .       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff exon    41846678        41846838        .
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SM_V9_PAR2      Liftoff exon    41849312        41849433        .
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SM_V9_PAR2      Liftoff exon    41849625        41849799        .
        +       .       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff exon    41850361        41850440        .
        +       .       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff exon    41852593        41852805        .
        +       .       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff CDS     41844690        41844737        .
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SM_V9_PAR2      Liftoff CDS     41844886        41845202        .
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SM_V9_PAR2      Liftoff CDS     41845239        41845342        .
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SM_V9_PAR2      Liftoff CDS     41849625        41849799        .
        +       0       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff CDS     41850361        41850440        .
        +       2       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff CDS     41852593        41852634        .
        +       0       Parent=Smp_164650.1
SM_V9_PAR2      Liftoff gene    41853551        41876566        .
        +       .       ID=Smp_078900;geneID=Smp_078900
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Pfam:PF00856;Ontology_term=GO:0005515
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SM_V9_PAR2	Liftoff	exon	41854231	41854761	.
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SM_V9_PAR2	Liftoff	exon	41859326	41859415	.
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SM_V9_PAR2	Liftoff	exon	41865366	41865690	.
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SM_V9_PAR2	Liftoff	exon	41866048	41866252	.
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SM_V9_PAR2	Liftoff	exon	41873682	41876566	.
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SM_V9_PAR2	Liftoff	CDS	41853590	41854108	.
	+	0	Parent=Smp_078900.1
SM_V9_PAR2	Liftoff	CDS	41854231	41854761	.
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SM_V9_PAR2	Liftoff	CDS	41856893	41857150	.
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SM_V9_PAR2	Liftoff	CDS	41859326	41859415	.
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SM_V9_PAR2	Liftoff	CDS	41863156	41863391	.
	+	2	Parent=Smp_078900.1
SM_V9_PAR2	Liftoff	CDS	41865366	41865690	.
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SM_V9_PAR2	Liftoff	CDS	41866048	41866252	.
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SM_V9_PAR2	Liftoff	CDS	41868737	41868994	.
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SM_V9_PAR2	Liftoff	CDS	41869089	41869183	.
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SM_V9_PAR2	Liftoff	CDS	41871654	41871784	.
	+	2	Parent=Smp_078900.1
SM_V9_PAR2	Liftoff	CDS	41873682	41873927	.
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SM_V9_PAR2      Liftoff mRNA    41896006        41906925        .
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2;polypeptide_domain=InterPro:IPR005225,IPR006689,IPR024156,IPR02741
7 Pfam:PF00025;Ontology_term=GO:0005525,GO:0005622,GO:0007264
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SM_V9_PAR2      Liftoff exon    41903483        41903593        .
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SM_V9_PAR2      Liftoff exon    41906726        41906925        .
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SM_V9_PAR2      Liftoff CDS     41896027        41896091        .
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SM_V9_PAR2      Liftoff CDS     41903483        41903593        .
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SM_V9_PAR2      Liftoff CDS     41903639        41903843        .
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SM_V9_PAR2      Liftoff CDS     41906726        41906899        .
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        +       .       ID=Smp_078910;geneID=Smp_078910
SM_V9_PAR2      Liftoff mRNA    41911131        41912411        .
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ID=Smp_078910.1;Parent=Smp_078910;geneID=Smp_078910;product=Protein
FAM78A
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SM_V9_PAR2      Liftoff CDS     41911168        41912193        .
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SM_V9_PAR2      Liftoff gene    41923145        41957780        .
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SM_V9_PAR2      Liftoff mRNA    41923145        41957780        .
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n complex subunit
3;polypeptide_domain=InterPro:IPR001943,IPR011989,IPR016024,IPR02597
7 Pfam:PF02151,PF12719;Ontology_term=GO:0005488,GO:0005515
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SM_V9_PAR2      Liftoff exon    41924781        41925132        .
        -       .       Parent=Smp_078920.1
SM_V9_PAR2      Liftoff exon    41927590        41927760        .
        -       .       Parent=Smp_078920.1
SM_V9_PAR2      Liftoff exon    41930258        41930743        .
        -       .       Parent=Smp_078920.1
SM_V9_PAR2      Liftoff exon    41932417        41932571        .
        -       .       Parent=Smp_078920.1
SM_V9_PAR2      Liftoff exon    41934532        41934718        .
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SM_V9_PAR2	Liftoff	exon	41951330	41951479	.
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SM_V9_PAR2	Liftoff	exon	41953281	41953478	.
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SM_V9_PAR2	Liftoff	CDS	41934532	41934718	.
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SM_V9_PAR2	Liftoff	CDS	41937047	41937338	.
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SM_V9_PAR2	Liftoff	CDS	41942138	41942329	.
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SM_V9_PAR2	Liftoff	CDS	41946277	41946504	.
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SM_V9_PAR2	Liftoff	CDS	41947161	41947365	.
	-	2	Parent=Smp_078920.1
SM_V9_PAR2	Liftoff	CDS	41948361	41948670	.
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SM_V9_PAR2	Liftoff	CDS	41951330	41951479	.
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SM_V9_PAR2      Liftoff mRNA    41964164        41989630        .
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ID=Smp_078930.1;Parent=Smp_078930;geneID=Smp_078930;product=Sodium-
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2;polypeptide_domain=InterPro:IPR000175
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SM_V9_PAR2      Liftoff exon    41968193        41968378        .
        -       .       Parent=Smp_078930.1
SM_V9_PAR2      Liftoff exon    41970666        41970766        .
        -       .       Parent=Smp_078930.1
SM_V9_PAR2      Liftoff exon    41972000        41972099        .
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SM_V9_PAR2      Liftoff exon    41973140        41973277        .
        -       .       Parent=Smp_078930.1
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SM_V9_PAR2      Liftoff exon    41989437        41989630        .
        -       .       Parent=Smp_078930.1
SM_V9_PAR2      Liftoff CDS     41964489        41964541        .
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SM_V9_PAR2      Liftoff CDS     41968193        41968378        .
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        -       2       Parent=Smp_078930.1
SM_V9_PAR2      Liftoff CDS     41972000        41972099        .
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SM_V9_PAR2      Liftoff CDS     41974965        41975163        .
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SM_V9_PAR2      Liftoff CDS     41978025        41978128        .
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SM_V9_PAR2      Liftoff CDS     41986130        41986382        .
        -       2       Parent=Smp_078930.1
SM_V9_PAR2      Liftoff CDS     41987012        41987143        .
        -       2       Parent=Smp_078930.1
SM_V9_PAR2      Liftoff CDS     41989437        41989608        .
        -       0       Parent=Smp_078930.1
SM_V9_PAR2      Liftoff gene    41995684        42007957        .
        +       .
ID=Smp_345530;geneID=Smp_345530;previous_systematic_id=Smp_164670
SM_V9_PAR2      Liftoff mRNA    41995684        42007957        .
        +       .
ID=Smp_345530.1;Parent=Smp_345530;geneID=Smp_345530;product=Integrat
or complex subunit 6-B
SM_V9_PAR2      Liftoff exon    41995684        41996769        .
        +       .       Parent=Smp_345530.1
SM_V9_PAR2      Liftoff exon    42002095        42003107        .
        +       .       Parent=Smp_345530.1
SM_V9_PAR2      Liftoff exon    42006650        42007957        .
        +       .       Parent=Smp_345530.1
SM_V9_PAR2      Liftoff CDS     41996734        41996769        .
        +       0       Parent=Smp_345530.1
SM_V9_PAR2      Liftoff CDS     42002095        42003107        .
        +       0       Parent=Smp_345530.1
SM_V9_PAR2      Liftoff CDS     42006650        42007088        .
        +       1       Parent=Smp_345530.1
SM_V9_PAR2      iris    gene    42011274        42160911        .
        -       .
ID=Smp_160370;geneID=Smp_160370;gene_name=Smp_160370;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    42011274        42043940        .
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ID=Smp_160370.1;Parent=Smp_160370;geneID=Smp_160370;gene_name=Smp_16
0370;owner=irisadmin@local.host;orig_id=Smp_164680.1;date_last_modif
ied=2022-07-19;Name=Smp_160370.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    42011274        42012277        .
        -       .
Parent=Smp_160370.1;Name=29816e92-5214-4fc3-8aed-ef2495102e5c
SM_V9_PAR2      iris    exon    42013206        42013711        .
        -       .       Parent=Smp_160370.1;Name=ca5b439c-
b29c-4fcc-8d02-a82f6f301740
SM_V9_PAR2      iris    exon    42016295        42017533        .
        -       .       Parent=Smp_160370.1;Name=077e9087-20ba-45cb-
a63d-1adaffec5231
SM_V9_PAR2      iris    exon    42021753        42022256        .
        -       .
Parent=Smp_160370.1;Name=7a4254f7-812d-4c49-9846-c2c8ebda0b71
SM_V9_PAR2      iris    exon    42023090        42023293        .
        -       .       Parent=Smp_160370.1;Name=3391342a-76b9-4884-
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SM_V9_PAR2      iris    exon    42024283        42024768        .
        -       .
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Parent=Smp_160370.1;Name=3be5eeab-3f48-4d34-97ac-4d39f5b3508b
SM_V9_PAR2      iris    exon    42027873        42028140        .
        -       .       Parent=Smp_160370.1;Name=2412c656-e491-4609-
b958-d1e6af978935
SM_V9_PAR2      iris    exon    42030085        42030382        .
        -       .       Parent=Smp_160370.1;Name=cbeba175-
e5ad-42d5-8250-bcbd16e2ad5d
SM_V9_PAR2      iris    exon    42032948        42033484        .
        -       .       Parent=Smp_160370.1;Name=db7c8442-
ef90-4f6d-871c-94578a499bf9
SM_V9_PAR2      iris    exon    42035076        42035416        .
        -       .       Parent=Smp_160370.1;Name=b585ed07-f1c4-4144-
bb61-b73387dd569d
SM_V9_PAR2      iris    exon    42038000        42038098        .
        -       .
Parent=Smp_160370.1;Name=b6def069-6ec9-4be6-93f4-b5d758988740
SM_V9_PAR2      iris    exon    42039577        42039678        .
        -       .
Parent=Smp_160370.1;Name=25934c69-5396-4625-931e-f37640418320
SM_V9_PAR2      iris    exon    42043402        42043940        .
        -       .
Parent=Smp_160370.1;Name=e435da7a-96ad-4c90-8907-d57c2a59eb4b
SM_V9_PAR2      iris    CDS     42011875        42012277        .
        -       1       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42013206        42013711        .
        -       0       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42016295        42017533        .
        -       0       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42021753        42022256        .
        -       0       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42023090        42023293        .
        -       0       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42024283        42024768        .
        -       0       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42027873        42028140        .
        -       1       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42030085        42030382        .
        -       2       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42032948        42033484        .
        -       2       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42035076        42035416        .
        -       1       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42038000        42038098        .
        -       1       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42039577        42039678        .
        -       1       Parent=Smp_160370.1
SM_V9_PAR2      iris    CDS     42043402        42043706        .
        -       0       Parent=Smp_160370.1
SM_V9_PAR2      iris    mRNA    42011274        42093070        .
        -       .
ID=Smp_160370.2;Parent=Smp_160370;geneID=Smp_160370;gene_name=Smp_16
0370;owner=irisadmin@local.host;orig_id=Smp_164680.2;date_last_modif
ied=2022-07-19;Name=Smp_160370.2;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    42011274        42012277        .
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        -       .
Parent=Smp_160370.2;Name=4e2dc1b3-9a39-432b-870b-638e37fe5870
SM_V9_PAR2      iris    exon    42013206        42013711        .
        -       .       Parent=Smp_160370.2;Name=5af83d35-1398-4c97-
b797-a7bf9a234345
SM_V9_PAR2      iris    exon    42016295        42017533        .
        -       .
Parent=Smp_160370.2;Name=471a0fea-8861-45a5-8970-92b204e5038f
SM_V9_PAR2      iris    exon    42021753        42022256        .
        -       .       Parent=Smp_160370.2;Name=1ec30337-d0df-4550-
ac21-bc2b055ecf38
SM_V9_PAR2      iris    exon    42023090        42023293        .
        -       .       Parent=Smp_160370.2;Name=bb4e5293-2071-4d0d-
a582-30314d5ffb9e
SM_V9_PAR2      iris    exon    42024283        42024768        .
        -       .       Parent=Smp_160370.2;Name=64595966-3443-40bf-
ba3e-7aef3405c27e
SM_V9_PAR2      iris    exon    42027873        42028140        .
        -       .       Parent=Smp_160370.2;Name=5808571b-583d-4951-
a260-9162b266038e
SM_V9_PAR2      iris    exon    42030085        42030382        .
        -       .       Parent=Smp_160370.2;Name=22e8ff6c-
cead-4e5c-829a-e4a5c1921073
SM_V9_PAR2      iris    exon    42032948        42033484        .
        -       .       Parent=Smp_160370.2;Name=4ba644f3-
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SM_V9_PAR2      iris    exon    42035076        42035416        .
        -       .       Parent=Smp_160370.2;Name=06ec6048-
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SM_V9_PAR2      iris    exon    42038000        42038098        .
        -       .       Parent=Smp_160370.2;Name=6747675e-7807-4e7b-
aefe-58aef5eff6ed
SM_V9_PAR2      iris    exon    42039577        42039678        .
        -       .       Parent=Smp_160370.2;Name=49aa1866-fc50-4ca6-
ad1f-f01b6ca2236e
SM_V9_PAR2      iris    exon    42045343        42045590        .
        -       .       Parent=Smp_160370.2;Name=e83c7b2e-
f5ec-4676-8b3f-82fc05086a47
SM_V9_PAR2      iris    exon    42047708        42047957        .
        -       .       Parent=Smp_160370.2;Name=453c1c5e-ed33-4ccd-
adcb-7ab4fae4e5b3
SM_V9_PAR2      iris    exon    42058695        42058771        .
        -       .       Parent=Smp_160370.2;Name=f1e7373d-
a155-4b0e-8731-537f483439ba
SM_V9_PAR2      iris    exon    42068621        42069072        .
        -       .       Parent=Smp_160370.2;Name=d517c11d-a973-4279-
b3c9-7bf169fb4d5a
SM_V9_PAR2      iris    exon    42092485        42093070        .
        -       .
Parent=Smp_160370.2;Name=c5f4bf85-32af-4012-91c0-3686e063faf8
SM_V9_PAR2      iris    CDS     42011875        42012277        .
        -       1       Parent=Smp_160370.2
SM_V9_PAR2      iris    CDS     42013206        42013711        .
        -       0       Parent=Smp_160370.2
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SM_V9_PAR2	iris	CDS	42016295	42017533	.
	-	0	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42021753	42022256	.
	-	0	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42023090	42023293	.
	-	0	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42024283	42024768	.
	-	0	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42027873	42028140	.
	-	1	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42030085	42030382	.
	-	2	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42032948	42033484	.
	-	2	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42035076	42035416	.
	-	1	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42038000	42038098	.
	-	1	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42039577	42039678	.
	-	1	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42045343	42045590	.
	-	0	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42047708	42047957	.
	-	1	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42058695	42058771	.
	-	0	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42068621	42069072	.
	-	2	Parent=Smp_160370.2
SM_V9_PAR2	iris	CDS	42092485	42092515	.
	-	0	Parent=Smp_160370.2
SM_V9_PAR2	iris	mRNA	42011274	42160911	.
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ID=Smp_160370.3;Parent=Smp_160370;geneID=Smp_160370;gene_name=Smp_16
0370;owner=irisadmin@local.host;orig_id=Smp_160370.1;date_last_modif
ied=2022-07-19;Name=Smp_160370.3;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	42011274	42012277	.
	-	.
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SM_V9_PAR2	iris	exon	42013206	42013711	.
	-	.	Parent=Smp_160370.3;Name=ee0deb27-6713-4a9d-
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SM_V9_PAR2	iris	exon	42016295	42017533	.
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Parent=Smp_160370.3;Name=f78c570e-3a08-4c3d-92d9-96d783585a72
SM_V9_PAR2	iris	exon	42021753	42022256	.
	-	.
Parent=Smp_160370.3;Name=698127b2-5cb9-4d4c-9ca9-98d780801bdc
SM_V9_PAR2	iris	exon	42023090	42023293	.
	-	.	Parent=Smp_160370.3;Name=a4e97101-a019-486e-
a5a2-a54be7390695
SM_V9_PAR2	iris	exon	42024283	42024768	.
	-	.	Parent=Smp_160370.3;Name=d25ffc85-bf3a-4d23-
aafe-de9c0418b0d7
SM_V9_PAR2	iris	exon	42027873	42028140	.
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        -       .       Parent=Smp_160370.3;Name=4a656943-8ed5-46a0-
acb0-7a170f667897
SM_V9_PAR2      iris    exon    42030085        42030382        .
        -       .
Parent=Smp_160370.3;Name=ad0ba1e2-252b-4402-97c6-d9cd3e407bcb
SM_V9_PAR2      iris    exon    42032948        42033484        .
        -       .       Parent=Smp_160370.3;Name=9c1b8760-5670-48db-
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SM_V9_PAR2      iris    exon    42035076        42035416        .
        -       .       Parent=Smp_160370.3;Name=47bcecc4-eb59-4dff-
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SM_V9_PAR2      iris    exon    42038000        42038098        .
        -       .       Parent=Smp_160370.3;Name=2aeeeca0-d949-4bd6-
a0fa-c59aa66f717a
SM_V9_PAR2      iris    exon    42039577        42039678        .
        -       .       Parent=Smp_160370.3;Name=da11d844-469d-433d-
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SM_V9_PAR2      iris    exon    42045343        42045590        .
        -       .       Parent=Smp_160370.3;Name=ba895172-31ed-40aa-
a55c-a9c5d74fec4a
SM_V9_PAR2      iris    exon    42047708        42047957        .
        -       .
Parent=Smp_160370.3;Name=e0e2177d-06ce-4f0c-9bab-909a16b9872c
SM_V9_PAR2      iris    exon    42058695        42058771        .
        -       .       Parent=Smp_160370.3;Name=40f5da62-3b49-4755-
a827-225b7fccc71c
SM_V9_PAR2      iris    exon    42068621        42069072        .
        -       .       Parent=Smp_160370.3;Name=42d433ce-5513-425d-
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SM_V9_PAR2      iris    exon    42114344        42114406        .
        -       .
Parent=Smp_160370.3;Name=0e71bf3a-269f-48c5-965f-a843a5a47006
SM_V9_PAR2      iris    exon    42148563        42149900        .
        -       .       Parent=Smp_160370.3;Name=351ef990-118b-4c52-
bdca-e0046de31657
SM_V9_PAR2      iris    exon    42160684        42160911        .
        -       .       Parent=Smp_160370.3;Name=adfbcc27-f179-41ba-
a912-9e19559fec7a
SM_V9_PAR2      iris    CDS     42011875        42012277        .
        -       1       Parent=Smp_160370.3
SM_V9_PAR2      iris    CDS     42013206        42013711        .
        -       0       Parent=Smp_160370.3
SM_V9_PAR2      iris    CDS     42016295        42017533        .
        -       0       Parent=Smp_160370.3
SM_V9_PAR2      iris    CDS     42021753        42022256        .
        -       0       Parent=Smp_160370.3
SM_V9_PAR2      iris    CDS     42023090        42023293        .
        -       0       Parent=Smp_160370.3
SM_V9_PAR2      iris    CDS     42024283        42024768        .
        -       0       Parent=Smp_160370.3
SM_V9_PAR2      iris    CDS     42027873        42028140        .
        -       1       Parent=Smp_160370.3
SM_V9_PAR2      iris    CDS     42030085        42030382        .
        -       2       Parent=Smp_160370.3
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SM_V9_PAR2	iris	CDS	42032948	42033484	.
	-	2	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42035076	42035416	.
	-	1	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42038000	42038098	.
	-	1	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42039577	42039678	.
	-	1	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42045343	42045590	.
	-	0	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42047708	42047957	.
	-	1	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42058695	42058771	.
	-	0	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42068621	42069072	.
	-	2	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42114344	42114406	.
	-	2	Parent=Smp_160370.3
SM_V9_PAR2	iris	CDS	42148563	42149718	.
	-	0	Parent=Smp_160370.3
SM_V9_PAR2	iris	gene	42178374	42211343	.
	+	.
ID=Smp_160360;geneID=Smp_160360;gene_name=Smp_160360;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	42178374	42211343	.
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ID=Smp_160360.1;Parent=Smp_160360;geneID=Smp_160360;gene_name=Smp_16
0360;owner=irisadmin@local.host;orig_id=Smp_160360.1;date_last_modif
ied=2022-07-19;Name=Smp_160360.1;product=Sodium- and chloride-
dependent GABA transporter 2;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	42178374	42178799	.
	+	.	Parent=Smp_160360.1;Name=1f23cb0e-c5b4-4fe7-
ba2a-5323d5fc4242
SM_V9_PAR2	iris	exon	42180866	42180997	.
	+	.	Parent=Smp_160360.1;Name=3f10bac4-
be1e-4e9f-8b09-12456bf5e7f3
SM_V9_PAR2	iris	exon	42182661	42182913	.
	+	.	Parent=Smp_160360.1;Name=62c7a5e5-fca2-439b-
abea-bc15d1b2927a
SM_V9_PAR2	iris	exon	42184659	42184791	.
	+	.	Parent=Smp_160360.1;Name=28045923-a215-4049-
b265-040e4044fe15
SM_V9_PAR2	iris	exon	42187602	42187736	.
	+	.	Parent=Smp_160360.1;Name=325c0df1-e4b0-4d2b-
a490-b53561a1c1d2
SM_V9_PAR2	iris	exon	42190559	42190662	.
	+	.	Parent=Smp_160360.1;Name=f52d5c83-378e-4bd8-
b467-f0deeeb7e2f1
SM_V9_PAR2	iris	exon	42196853	42197090	.
	+	.	Parent=Smp_160360.1;Name=978d445f-
fe6c-405f-9af5-56b19e58f578
SM_V9_PAR2	iris	exon	42198690	42198827	.
	+	.	Parent=Smp_160360.1;Name=81975f52-
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SM_V9_PAR2	iris	exon	42199937	42200036	.
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SM_V9_PAR2	iris	exon	42203844	42203944	.
	+	.
Parent=Smp_160360.1;Name=23fd830e-64ab-4e26-8f3a-43b02538cb84
SM_V9_PAR2	iris	exon	42206206	42206391	.
	+	.
Parent=Smp_160360.1;Name=2af60309-127e-4cc9-9f56-f9609a5950f4
SM_V9_PAR2	iris	exon	42208117	42208186	.
	+	.
Parent=Smp_160360.1;Name=75fa77db-630e-4d50-917f-a6701c285b6c
SM_V9_PAR2	iris	exon	42211142	42211343	.
	+	.	Parent=Smp_160360.1;Name=24683fda-8189-43be-
b667-63982aace1c1
SM_V9_PAR2	iris	CDS	42178568	42178799	.
	+	0	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42180866	42180997	.
	+	2	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42182661	42182913	.
	+	2	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42184659	42184791	.
	+	1	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42187602	42187736	.
	+	0	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42190559	42190662	.
	+	0	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42196853	42197090	.
	+	1	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42198690	42198827	.
	+	0	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42199937	42200036	.
	+	0	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42203844	42203944	.
	+	2	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42206206	42206391	.
	+	0	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42208117	42208186	.
	+	0	Parent=Smp_160360.1
SM_V9_PAR2	iris	CDS	42211142	42211200	.
	+	2	Parent=Smp_160360.1
SM_V9_PAR2	Liftoff	gene	42224868	42237120	.
	-	.
ID=Smp_345200;geneID=Smp_345200;previous_systematic_id=Smp_160350
SM_V9_PAR2	Liftoff	mRNA	42224868	42237120	.
	-	.
ID=Smp_345200.1;Parent=Smp_345200;geneID=Smp_345200;product=Plexin
domain-containing protein 1
SM_V9_PAR2	Liftoff	exon	42224868	42225489	.
	-	.	Parent=Smp_345200.1
SM_V9_PAR2	Liftoff	exon	42227273	42227418	.
	-	.	Parent=Smp_345200.1
SM_V9_PAR2	Liftoff	exon	42229228	42229308	.
	-	.	Parent=Smp_345200.1
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SM_V9_PAR2      Liftoff exon    42230529        42230589        .
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SM_V9_PAR2      Liftoff exon    42231403        42231531        .
        -       .       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff exon    42233764        42233822        .
        -       .       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff exon    42235220        42235324        .
        -       .       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff exon    42236702        42236771        .
        -       .       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff exon    42236815        42236913        .
        -       .       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff exon    42236961        42237120        .
        -       .       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42225040        42225489        .
        -       0       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42227273        42227418        .
        -       2       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42229228        42229308        .
        -       2       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42230529        42230589        .
        -       0       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42231403        42231531        .
        -       0       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42233764        42233822        .
        -       2       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42235220        42235324        .
        -       2       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42236702        42236771        .
        -       0       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42236815        42236913        .
        -       0       Parent=Smp_345200.1
SM_V9_PAR2      Liftoff CDS     42236961        42237080        .
        -       0       Parent=Smp_345200.1
SM_V9_PAR2      iris    gene    42273394        42284585        .
        +       .
ID=Smp_344310;geneID=Smp_344310;gene_name=Smp_344310;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    42273394        42284585        .
        +       .
ID=Smp_344310.1;Parent=Smp_344310;geneID=Smp_344310;gene_name=Smp_34
4310;owner=irisadmin@local.host;orig_id=Smp_344310.1;date_last_modif
ied=2022-08-19;Name=Smp_344310.1;product=Nematocin receptor
2;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    42273394        42274738        .
        +       .       Parent=Smp_344310.1;Name=23ddff41-c237-414d-
a40d-7de9d8ac9c1d
SM_V9_PAR2      iris    exon    42283032        42284585        .
        +       .
Parent=Smp_344310.1;Name=738fc5a9-897a-4129-8702-07abaa1d63be
SM_V9_PAR2      iris    CDS     42273452        42274738        .
        +       0       Parent=Smp_344310.1
SM_V9_PAR2      iris    CDS     42283032        42283964        .
        +       0       Parent=Smp_344310.1
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SM_V9_PAR2	Liftoff	gene	42333857	42347840	.
	+	.	ID=Smp_267020;geneID=Smp_267020
SM_V9_PAR2	Liftoff	mRNA	42333857	42347840	.
	+	.
ID=Smp_267020.1;Parent=Smp_267020;geneID=Smp_267020;product=N(G),N(G
)-dimethylarginine dimethylaminohydrolase
1;polypeptide_domain=Pfam:PF02274
SM_V9_PAR2	Liftoff	exon	42333857	42334506	.
	+	.	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	exon	42334543	42334645	.
	+	.	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	exon	42338643	42338839	.
	+	.	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	exon	42343826	42343954	.
	+	.	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	exon	42347312	42347840	.
	+	.	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	CDS	42334213	42334506	.
	+	0	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	CDS	42334543	42334645	.
	+	0	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	CDS	42338643	42338839	.
	+	2	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	CDS	42343826	42343954	.
	+	0	Parent=Smp_267020.1
SM_V9_PAR2	Liftoff	CDS	42347312	42347452	.
	+	0	Parent=Smp_267020.1
SM_V9_PAR2	iris	gene	42351099	42379904	.
	-	.
ID=Smp_150320;geneID=Smp_150320;gene_name=Smp_150320;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	42351099	42379904	.
	-	.
ID=Smp_150320.1;Parent=Smp_150320;geneID=Smp_150320;gene_name=Smp_15
0320;owner=irisadmin@local.host;orig_id=Smp_150320.1;date_last_modif
ied=2022-07-19;Name=Smp_150320.1;product=Tetratricopeptide repeat
protein 14;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	42351099	42351744	.
	-	.
Parent=Smp_150320.1;Name=012f6d9e-2de2-4cd8-84d4-690d554b1b34
SM_V9_PAR2	iris	exon	42351878	42352117	.
	-	.	Parent=Smp_150320.1;Name=b16a7220-71ed-4bf9-
b59e-aad07e5f2258
SM_V9_PAR2	iris	exon	42354956	42355416	.
	-	.	Parent=Smp_150320.1;Name=90c469b4-2de9-4abc-
a644-2cc9ee28a963
SM_V9_PAR2	iris	exon	42356096	42356157	.
	-	.	Parent=Smp_150320.1;Name=30c79dfa-b959-4bee-
b0c6-4db8e2de5f3f
SM_V9_PAR2	iris	exon	42358224	42358267	.
	-	.	Parent=Smp_150320.1;Name=2d95ccd7-
ad66-4d68-9bff-db50a65aa2b4
SM_V9_PAR2	iris	exon	42359995	42360050	.
	-	.	Parent=Smp_150320.1;Name=42892fac-eee5-4cb0-
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aa61-9771b1bc87af
SM_V9_PAR2      iris    exon    42361441        42361539        .
        -       .       Parent=Smp_150320.1;Name=8ace5c19-5361-4903-
acfd-13a77bc42d0d
SM_V9_PAR2      iris    exon    42363235        42363278        .
        -       .       Parent=Smp_150320.1;Name=f1784f6f-
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SM_V9_PAR2      iris    exon    42363387        42363627        .
        -       .
Parent=Smp_150320.1;Name=8bd3f4d4-3ea9-4042-86f7-0e8e06792501
SM_V9_PAR2      iris    exon    42363721        42363862        .
        -       .
Parent=Smp_150320.1;Name=d3a5789e-0600-44ce-94be-ce1375133443
SM_V9_PAR2      iris    exon    42366081        42366203        .
        -       .       Parent=Smp_150320.1;Name=a47c91e8-
addf-459d-8804-aa328315a18f
SM_V9_PAR2      iris    exon    42367815        42367934        .
        -       .
Parent=Smp_150320.1;Name=25776248-58f3-4048-8037-09ec4968d6f5
SM_V9_PAR2      iris    exon    42368127        42368198        .
        -       .       Parent=Smp_150320.1;Name=d90282a2-4e2b-4704-
abcc-68e9ae96104f
SM_V9_PAR2      iris    exon    42368365        42368511        .
        -       .       Parent=Smp_150320.1;Name=f019d476-8f1d-4fb1-
b2eb-66e38fc1cf34
SM_V9_PAR2      iris    exon    42369267        42369304        .
        -       .       Parent=Smp_150320.1;Name=6546ee3b-040c-4b65-
a67a-71c6716aba4d
SM_V9_PAR2      iris    exon    42369401        42369492        .
        -       .       Parent=Smp_150320.1;Name=8bd18467-bc35-4c1b-
b198-719ce54a1061
SM_V9_PAR2      iris    exon    42370055        42370139        .
        -       .       Parent=Smp_150320.1;Name=86e75d63-d473-48c1-
af9f-3e073042646d
SM_V9_PAR2      iris    exon    42370178        42370300        .
        -       .       Parent=Smp_150320.1;Name=798edbee-c5d8-4a1b-
b3a0-26d13bcb682f
SM_V9_PAR2      iris    exon    42379468        42379732        .
        -       .       Parent=Smp_150320.1;Name=780bd964-f0b2-43a1-
afec-385783f93373
SM_V9_PAR2      iris    exon    42379857        42379904        .
        -       .       Parent=Smp_150320.1;Name=fc322c37-
ca66-4695-85be-4a84cc5f4829
SM_V9_PAR2      iris    CDS     42351294        42351744        .
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SM_V9_PAR2      iris    CDS     42351878        42352117        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42354956        42355416        .
        -       0       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42356096        42356157        .
        -       2       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42358224        42358267        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42359995        42360050        .
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        -       0       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42361441        42361539        .
        -       0       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42363235        42363278        .
        -       2       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42363387        42363627        .
        -       0       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42363721        42363862        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42366081        42366203        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42367815        42367934        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42368127        42368198        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42368365        42368511        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42369267        42369304        .
        -       0       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42369401        42369492        .
        -       2       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42370055        42370139        .
        -       0       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42370178        42370300        .
        -       0       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42379468        42379732        .
        -       1       Parent=Smp_150320.1
SM_V9_PAR2      iris    CDS     42379857        42379858        .
        -       0       Parent=Smp_150320.1
SM_V9_PAR2      Liftoff gene    42414956        42454851        .
        +       .
ID=Smp_198890;geneID=Smp_198890;previous_systematic_id=Smp_150330
SM_V9_PAR2      Liftoff mRNA    42414956        42454851        .
        +       .
ID=Smp_198890.1;Parent=Smp_198890;geneID=Smp_198890;product=30S
ribosomal protein S13
SM_V9_PAR2      Liftoff exon    42414956        42447811        .
        +       .       Parent=Smp_198890.1
SM_V9_PAR2      Liftoff exon    42449417        42449724        .
        +       .       Parent=Smp_198890.1
SM_V9_PAR2      Liftoff exon    42451399        42451638        .
        +       .       Parent=Smp_198890.1
SM_V9_PAR2      Liftoff exon    42454585        42454851        .
        +       .       Parent=Smp_198890.1
SM_V9_PAR2      Liftoff CDS     42447652        42447811        .
        +       0       Parent=Smp_198890.1
SM_V9_PAR2      Liftoff CDS     42449417        42449724        .
        +       2       Parent=Smp_198890.1
SM_V9_PAR2      Liftoff CDS     42451399        42451638        .
        +       0       Parent=Smp_198890.1
SM_V9_PAR2      Liftoff CDS     42454585        42454719        .
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SM_V9_PAR2      iris    gene    42464996        42498839        .
        +       .
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ID=Smp_150340;geneID=Smp_150340;gene_name=Smp_150340;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    42464996        42498839        .
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ID=Smp_150340.1;Parent=Smp_150340;geneID=Smp_150340;gene_name=Smp_15
0340;owner=irisadmin@local.host;orig_id=Smp_150340.1;date_last_modif
ied=2022-07-19;Name=Smp_150340.1;product=Monocarboxylate transporter
5;date_creation=2022-07-19
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        +       .       Parent=Smp_150340.1;Name=08e039b2-1a93-4560-
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SM_V9_PAR2      iris    exon    42466270        42466397        .
        +       .       Parent=Smp_150340.1;Name=93ecf143-85d0-4a3e-
a80f-b0902b850af9
SM_V9_PAR2      iris    exon    42469496        42469639        .
        +       .       Parent=Smp_150340.1;Name=32195a99-f4f9-482b-
aac9-61e962a01249
SM_V9_PAR2      iris    exon    42473700        42473843        .
        +       .       Parent=Smp_150340.1;Name=f87bf403-65fc-42ad-
b476-4e4c790ea13c
SM_V9_PAR2      iris    exon    42477550        42478000        .
        +       .       Parent=Smp_150340.1;Name=4f705e84-0282-4427-
b19c-1b22123c1fc5
SM_V9_PAR2      iris    exon    42478579        42478810        .
        +       .
Parent=Smp_150340.1;Name=ae46aa37-202f-4a91-9a44-6e097a7ac6b1
SM_V9_PAR2      iris    exon    42484686        42484868        .
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SM_V9_PAR2      iris    exon    42493350        42493575        .
        +       .       Parent=Smp_150340.1;Name=eb3699ce-0274-42e6-
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SM_V9_PAR2      iris    exon    42497529        42498839        .
        +       .
Parent=Smp_150340.1;Name=e6b461c8-4bec-4a6c-9adc-e5fa05b9ebea
SM_V9_PAR2      iris    CDS     42466349        42466397        .
        +       0       Parent=Smp_150340.1
SM_V9_PAR2      iris    CDS     42469496        42469639        .
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SM_V9_PAR2      iris    CDS     42473700        42473843        .
        +       2       Parent=Smp_150340.1
SM_V9_PAR2      iris    CDS     42477550        42478000        .
        +       2       Parent=Smp_150340.1
SM_V9_PAR2      iris    CDS     42478579        42478810        .
        +       1       Parent=Smp_150340.1
SM_V9_PAR2      iris    CDS     42484686        42484868        .
        +       0       Parent=Smp_150340.1
SM_V9_PAR2      iris    CDS     42493350        42493575        .
        +       0       Parent=Smp_150340.1
SM_V9_PAR2      iris    CDS     42497529        42497866        .
        +       2       Parent=Smp_150340.1
SM_V9_PAR2      Liftoff gene    42513184        42537739        .
        -       .       ID=Smp_150350;geneID=Smp_150350
SM_V9_PAR2      Liftoff mRNA    42513184        42537739        .
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ID=Smp_150350.1;Parent=Smp_150350;geneID=Smp_150350;product=Synaptot
agmin-1;polypeptide_domain=InterPro:IPR000008 Pfam:PF00168
SM_V9_PAR2      Liftoff exon    42513184        42513538        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff exon    42515400        42515612        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff exon    42520245        42520467        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff exon    42523980        42524161        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff exon    42526920        42527025        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff exon    42527671        42527790        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff exon    42529093        42529316        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff exon    42537414        42537739        .
        -       .       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42513399        42513538        .
        -       2       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42515400        42515612        .
        -       2       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42520245        42520467        .
        -       0       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42523980        42524161        .
        -       2       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42526920        42527025        .
        -       0       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42527671        42527790        .
        -       0       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42529093        42529316        .
        -       2       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff CDS     42537414        42537432        .
        -       0       Parent=Smp_150350.1
SM_V9_PAR2      Liftoff gene    42541328        42542388        .
        -       .       ID=Smp_324380;geneID=Smp_324380
SM_V9_PAR2      Liftoff mRNA    42541328        42542388        .
        -       .
ID=Smp_324380.1;Parent=Smp_324380;geneID=Smp_324380;product=1-deoxy-
D-xylulose 5-phosphate reductoisomerase
SM_V9_PAR2      Liftoff exon    42541328        42542388        .
        -       .       Parent=Smp_324380.1
SM_V9_PAR2      Liftoff CDS     42541425        42542357        .
        -       0       Parent=Smp_324380.1
SM_V9_PAR2      iris    gene    42564566        42609807        .
        +       .
ID=Smp_052630;geneID=Smp_052630;gene_name=Smp_052630;owner=irisadmin
@local.host;date_last_modified=2022-08-19;date_creation=2022-08-19
SM_V9_PAR2      iris    mRNA    42564566        42609807        .
        +       .
ID=Smp_052630.1;Parent=Smp_052630;geneID=Smp_052630;gene_name=Smp_05
2630;owner=irisadmin@local.host;orig_id=Smp_052630.1;date_last_modif
ied=2022-08-19;Name=Smp_052630.1;product=FMRFamide-activated
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amiloride-sensitive sodium channel;date_creation=2022-08-19
SM_V9_PAR2      iris    exon    42564566        42564820        .
        +       .       Parent=Smp_052630.1;Name=c75efb91-b727-4aec-
bc25-666cc3abdeec
SM_V9_PAR2      iris    exon    42568340        42568449        .
        +       .
Parent=Smp_052630.1;Name=c8c09e95-3284-4ee1-83a1-f748786de9f9
SM_V9_PAR2      iris    exon    42592452        42593336        .
        +       .
Parent=Smp_052630.1;Name=944f371c-5e43-404e-8e2f-cdb8fd6bfd63
SM_V9_PAR2      iris    exon    42604683        42605348        .
        +       .
Parent=Smp_052630.1;Name=c523d139-29df-4add-9751-aa10315c35e3
SM_V9_PAR2      iris    exon    42609092        42609807        .
        +       .
Parent=Smp_052630.1;Name=d2bd2578-0290-4c09-88d8-e48f39db20fd
SM_V9_PAR2      iris    CDS     42592498        42593336        .
        +       0       Parent=Smp_052630.1
SM_V9_PAR2      iris    CDS     42604683        42605348        .
        +       1       Parent=Smp_052630.1
SM_V9_PAR2      iris    CDS     42609092        42609101        .
        +       1       Parent=Smp_052630.1
SM_V9_PAR2      iris    gene    42620279        42623807        .
        -       .
ID=Smp_324400;geneID=Smp_324400;gene_name=Smp_324400;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_PAR2      iris    mRNA    42620279        42623807        .
        -       .
ID=Smp_324400.1;Parent=Smp_324400;geneID=Smp_324400;gene_name=Smp_32
4400;owner=irisadmin@local.host;orig_id=Smp_324400.2;date_last_modif
ied=2022-11-13;Name=Smp_324400.1;product=Conserved oligomeric Golgi
complex subunit 4;date_creation=2022-07-19
SM_V9_PAR2      iris    exon    42620279        42620429        .
        -       .
Parent=Smp_324400.1;Name=61218b58-0bb0-4f16-8c72-b6d62f532832
SM_V9_PAR2      iris    exon    42622216        42622295        .
        -       .       Parent=Smp_324400.1;Name=a6f5a426-7d32-4425-
b3d0-a436257eb1d6
SM_V9_PAR2      iris    exon    42623177        42623305        .
        -       .       Parent=Smp_324400.1;Name=f08e3ddf-
f409-4f0b-89db-f6c78453ce58
SM_V9_PAR2      iris    exon    42623424        42623525        .
        -       .       Parent=Smp_324400.1;Name=6758da39-2e2e-4b64-
b7b5-3f45316a6f79
SM_V9_PAR2      iris    exon    42623742        42623807        .
        -       .       Parent=Smp_324400.1;Name=fab7d41e-0cc7-4472-
bfaa-ca17813d9e14
SM_V9_PAR2      iris    CDS     42620384        42620429        .
        -       1       Parent=Smp_324400.1
SM_V9_PAR2      iris    CDS     42622216        42622295        .
        -       0       Parent=Smp_324400.1
SM_V9_PAR2      iris    CDS     42623177        42623305        .
        -       0       Parent=Smp_324400.1
SM_V9_PAR2      iris    CDS     42623424        42623525        .
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        -       0       Parent=Smp_324400.1
SM_V9_PAR2      iris    CDS     42623742        42623750        .
        -       0       Parent=Smp_324400.1
SM_V9_PAR2      iris    gene    42673884        42680754        .
        +       .
ID=Smp_329780;geneID=Smp_329780;gene_name=Smp_329780;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_PAR2      iris    mRNA    42673884        42680754        .
        +       .
ID=Smp_329780.1;Parent=Smp_329780;geneID=Smp_329780;gene_name=Smp_32
9780;owner=irisadmin@local.host;orig_id=Smp_329780.1;date_last_modif
ied=2022-11-13;Name=Smp_329780.1;product=Schistosoma mansoni egg
protein CP391B-like;date_creation=2022-11-13
SM_V9_PAR2      iris    exon    42673884        42673914        .
        +       .       Parent=Smp_329780.1;Name=3d886711-f70e-4709-
b556-c0eeb72362cd
SM_V9_PAR2      iris    exon    42673998        42674142        .
        +       .       Parent=Smp_329780.1;Name=11f4aec6-5526-4c59-
a747-346bc0b736cb
SM_V9_PAR2      iris    exon    42674182        42674271        .
        +       .       Parent=Smp_329780.1;Name=057db033-24b6-41d6-
a7d3-595388ddc01a
SM_V9_PAR2      iris    exon    42674329        42674398        .
        +       .       Parent=Smp_329780.1;Name=365967ec-6e66-4b7d-
b2b2-ee9cb0afd5fc
SM_V9_PAR2      iris    exon    42674693        42674791        .
        +       .
Parent=Smp_329780.1;Name=6294ae2d-3f5c-41ee-8d19-7a056077d5cf
SM_V9_PAR2      iris    exon    42675799        42675849        .
        +       .       Parent=Smp_329780.1;Name=687c0671-8ed5-431f-
b24c-3b386bdb544c
SM_V9_PAR2      iris    exon    42676737        42676801        .
        +       .
Parent=Smp_329780.1;Name=d8015b83-9eef-47da-945b-57ff1267d256
SM_V9_PAR2      iris    exon    42677502        42677568        .
        +       .
Parent=Smp_329780.1;Name=a7831a1e-9011-44aa-98fb-33abef295f0f
SM_V9_PAR2      iris    exon    42678488        42678565        .
        +       .       Parent=Smp_329780.1;Name=89fcdf4f-
c62e-4a96-8087-7e837284fcfd
SM_V9_PAR2      iris    exon    42679397        42679545        .
        +       .       Parent=Smp_329780.1;Name=def3b851-8b83-48a1-
ac61-4d111a2411a0
SM_V9_PAR2      iris    exon    42680483        42680754        .
        +       .       Parent=Smp_329780.1;Name=565439a5-ef63-413e-
ba99-ded6d4ee5c72
SM_V9_PAR2      iris    CDS     42673910        42673914        .
        +       0       Parent=Smp_329780.1
SM_V9_PAR2      iris    CDS     42673998        42674142        .
        +       1       Parent=Smp_329780.1
SM_V9_PAR2      iris    CDS     42674182        42674271        .
        +       0       Parent=Smp_329780.1
SM_V9_PAR2      iris    CDS     42674329        42674398        .
        +       0       Parent=Smp_329780.1
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SM_V9_PAR2	iris	CDS	42674693	42674791	.
	+	2	Parent=Smp_329780.1
SM_V9_PAR2	iris	CDS	42675799	42675849	.
	+	2	Parent=Smp_329780.1
SM_V9_PAR2	iris	CDS	42676737	42676801	.
	+	2	Parent=Smp_329780.1
SM_V9_PAR2	iris	CDS	42677502	42677568	.
	+	0	Parent=Smp_329780.1
SM_V9_PAR2	iris	CDS	42678488	42678565	.
	+	2	Parent=Smp_329780.1
SM_V9_PAR2	iris	CDS	42679397	42679545	.
	+	2	Parent=Smp_329780.1
SM_V9_PAR2	iris	CDS	42680483	42680506	.
	+	0	Parent=Smp_329780.1
SM_V9_PAR2	iris	gene	42731187	42734592	.
	-	.
ID=Smp_324410;geneID=Smp_324410;gene_name=Smp_324410;owner=irisadmin
@local.host;date_last_modified=2022-10-18;date_creation=2022-10-18
SM_V9_PAR2	iris	mRNA	42731187	42734592	.
	-	.
ID=Smp_324410.1;Parent=Smp_324410;geneID=Smp_324410;gene_name=Smp_32
4410;owner=irisadmin@local.host;orig_id=Smp_324410.1;date_last_modif
ied=2022-10-18;Name=Smp_324410.1;product=Conserved oligomeric Golgi
complex subunit 4;date_creation=2022-10-18
SM_V9_PAR2	iris	exon	42731187	42731333	.
	-	.	Parent=Smp_324410.1;Name=830f7be3-2ffa-4fc4-
ac67-3ab1b42df329
SM_V9_PAR2	iris	exon	42733141	42733197	.
	-	.	Parent=Smp_324410.1;Name=cbf2061e-df5c-4deb-
a407-129b90e7c991
SM_V9_PAR2	iris	exon	42734079	42734207	.
	-	.	Parent=Smp_324410.1;Name=340170ee-9a4f-4e8b-
b365-398856f66f27
SM_V9_PAR2	iris	exon	42734327	42734592	.
	-	.	Parent=Smp_324410.1;Name=c1d3fae5-
cb3e-4e50-8e6e-7fb1abc30377
SM_V9_PAR2	iris	CDS	42731328	42731333	.
	-	0	Parent=Smp_324410.1
SM_V9_PAR2	iris	CDS	42733141	42733197	.
	-	0	Parent=Smp_324410.1
SM_V9_PAR2	iris	CDS	42734079	42734207	.
	-	0	Parent=Smp_324410.1
SM_V9_PAR2	iris	CDS	42734327	42734467	.
	-	0	Parent=Smp_324410.1
SM_V9_PAR2	iris	gene	42795257	42803186	.
	-	.
ID=Smp_349520;geneID=Smp_349520;gene_name=Smp_349520;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-19
SM_V9_PAR2	iris	mRNA	42795251	42803186	.
	-	.
ID=Smp_349520.1;Parent=Smp_349520;geneID=Smp_349520;gene_name=Smp_34
9520;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349520.1;date_creation=2022-07-19
SM_V9_PAR2	iris	exon	42795251	42795604	.
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        -       .       Parent=Smp_349520.1;Name=Smp_349520.1-CDS
SM_V9_PAR2      iris    exon    42795655        42795783        .
        -       .       Parent=Smp_349520.1;Name=7fac06d0-a734-418e-
a0a8-c4d8e5b66839
SM_V9_PAR2      iris    exon    42796572        42796708        .
        -       .       Parent=Smp_349520.1;Name=1f1aa1ea-a6a2-4735-
aab3-11e1e87c16a1
SM_V9_PAR2      iris    exon    42797580        42797657        .
        -       .
Parent=Smp_349520.1;Name=a0985a77-1e13-4d44-819e-5631f2ec555a
SM_V9_PAR2      iris    exon    42799427        42799493        .
        -       .
Parent=Smp_349520.1;Name=ff072a7f-6ee8-4917-8abb-017427d407aa
SM_V9_PAR2      iris    exon    42800183        42800247        .
        -       .
Parent=Smp_349520.1;Name=0502639a-572c-4cec-858f-704cab0fe344
SM_V9_PAR2      iris    exon    42801209        42801259        .
        -       .       Parent=Smp_349520.1;Name=8321caef-
bab5-4d31-8106-2b45a2cfc2fc
SM_V9_PAR2      iris    exon    42802314        42802403        .
        -       .
Parent=Smp_349520.1;Name=8632f902-5147-4feb-87e2-3fb280f372ef
SM_V9_PAR2      iris    exon    42802677        42802746        .
        -       .       Parent=Smp_349520.1;Name=9ff50920-7f2d-429b-
b73d-e1239bf2b758
SM_V9_PAR2      iris    exon    42802804        42802896        .
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Parent=Smp_349520.1;Name=7cd4a510-7ba6-4d2b-9f1d-b7a7bb7695e4
SM_V9_PAR2      iris    exon    42802934        42803186        .
        -       .
Parent=Smp_349520.1;Name=2f53bb44-1809-480c-848d-1a3075bfad3d
SM_V9_PAR2      iris    CDS     42795458        42795604        .
        -       0       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42795655        42795783        .
        -       0       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42796572        42796708        .
        -       2       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42797580        42797657        .
        -       2       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42799427        42799493        .
        -       0       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42800183        42800247        .
        -       2       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42801209        42801259        .
        -       2       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42802314        42802403        .
        -       2       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42802677        42802746        .
        -       0       Parent=Smp_349520.1
SM_V9_PAR2      iris    CDS     42802804        42802875        .
        -       0       Parent=Smp_349520.1
SM_V9_PAR2      Liftoff gene    42864311        42865499        .
        +       .       ID=Smp_324420;geneID=Smp_324420
SM_V9_PAR2      Liftoff mRNA    42864311        42865499        .
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        +       .
ID=Smp_324420.1;Parent=Smp_324420;geneID=Smp_324420;product=Protein
disulfide isomerase-like 1-2
SM_V9_PAR2      Liftoff exon    42864311        42864937        .
        +       .       Parent=Smp_324420.1
SM_V9_PAR2      Liftoff exon    42864979        42865043        .
        +       .       Parent=Smp_324420.1
SM_V9_PAR2      Liftoff exon    42865084        42865499        .
        +       .       Parent=Smp_324420.1
SM_V9_PAR2      Liftoff CDS     42864830        42864937        .
        +       0       Parent=Smp_324420.1
SM_V9_PAR2      Liftoff CDS     42864979        42865043        .
        +       0       Parent=Smp_324420.1
SM_V9_PAR2      Liftoff CDS     42865084        42865183        .
        +       1       Parent=Smp_324420.1
SM_V9_PAR2      iris    gene    42880042        42880458        .
        -       .
ID=Smp_324450;geneID=Smp_324450;gene_name=Smp_324450;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_PAR2      iris    mRNA    42880042        42880458        .
        -       .
ID=Smp_324450.1;Parent=Smp_324450;geneID=Smp_324450;gene_name=Smp_32
4450;owner=irisadmin@local.host;orig_id=Smp_324450.1;date_last_modif
ied=2022-11-13;Name=Smp_324450.1;product=DNA-directed RNA
polymerase, mitochondrial;date_creation=2022-11-13
SM_V9_PAR2      iris    exon    42880042        42880458        .
        -       .       Parent=Smp_324450.1;Name=637affdf-8149-471f-
a0bc-97ad46b0fc17
SM_V9_PAR2      iris    CDS     42880246        42880458        .
        -       0       Parent=Smp_324450.1
SM_V9_PAR2      iris    gene    42902106        42910036        .
        -       .
ID=Smp_349530;geneID=Smp_349530;gene_name=Smp_349530;owner=irisadmin
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SM_V9_PAR2      iris    mRNA    42902103        42910036        .
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ID=Smp_349530.1;Parent=Smp_349530;geneID=Smp_349530;gene_name=Smp_34
9530;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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SM_V9_PAR2      iris    exon    42902103        42902451        .
        -       .       Parent=Smp_349530.1;Name=Smp_349530.1-CDS
SM_V9_PAR2      iris    exon    42902502        42902630        .
        -       .       Parent=Smp_349530.1;Name=78c8f9a9-1e25-479e-
b14b-afeaf43dcfa7
SM_V9_PAR2      iris    exon    42903418        42903554        .
        -       .       Parent=Smp_349530.1;Name=99aed414-cb83-40b4-
ba11-b5dcb8ed6377
SM_V9_PAR2      iris    exon    42904426        42904503        .
        -       .       Parent=Smp_349530.1;Name=eaa567a5-
fb43-4b5e-9617-b200ccca618c
SM_V9_PAR2      iris    exon    42906271        42906337        .
        -       .       Parent=Smp_349530.1;Name=360fb57c-
f1c1-4926-9931-4fbdb650ab59
SM_V9_PAR2      iris    exon    42907031        42907095        .
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        -       .       Parent=Smp_349530.1;Name=96c980cb-63db-4b79-
a4d4-b40a8b28188b
SM_V9_PAR2      iris    exon    42908057        42908107        .
        -       .       Parent=Smp_349530.1;Name=b277d7e9-e80a-4888-
b2af-c8f4056c04c3
SM_V9_PAR2      iris    exon    42909163        42909252        .
        -       .       Parent=Smp_349530.1;Name=cad33489-2d50-4922-
b3aa-616236567db3
SM_V9_PAR2      iris    exon    42909525        42909594        .
        -       .
Parent=Smp_349530.1;Name=e5e71e3e-518e-42c4-8696-2f72b992e255
SM_V9_PAR2      iris    exon    42909652        42909744        .
        -       .       Parent=Smp_349530.1;Name=33b5163b-0651-47eb-
ae4a-a38222610200
SM_V9_PAR2      iris    exon    42909782        42909926        .
        -       .       Parent=Smp_349530.1;Name=4062dae8-a1fa-4f1d-
a3a1-6a431b8daa90
SM_V9_PAR2      iris    exon    42910010        42910036        .
        -       .       Parent=Smp_349530.1;Name=56e568ed-
f510-416e-9d4a-86e5711a1bfe
SM_V9_PAR2      iris    CDS     42902305        42902451        .
        -       0       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42902502        42902630        .
        -       0       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42903418        42903554        .
        -       2       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42904426        42904503        .
        -       2       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42906271        42906337        .
        -       0       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42907031        42907095        .
        -       2       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42908057        42908107        .
        -       2       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42909163        42909252        .
        -       2       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42909525        42909594        .
        -       0       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42909652        42909744        .
        -       0       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42909782        42909926        .
        -       1       Parent=Smp_349530.1
SM_V9_PAR2      iris    CDS     42910010        42910014        .
        -       0       Parent=Smp_349530.1
SM_V9_WSR       Liftoff gene    11263   11740   .       +       .
        ID=sma.nc.W.L1;geneID=sma.nc.W.L1
SM_V9_WSR       Liftoff ncRNA   11263   11740   .       +       .
        ID=sma.nc.W.L1.1;Parent=sma.nc.W.L1;geneID=sma.nc.W.L1
SM_V9_WSR       Liftoff exon    11263   11740   .       +       .
        Parent=sma.nc.W.L1.1
SM_V9_WSR       iris    gene    26496   30317   .       -       .

ID=Smp_325490;geneID=Smp_325490;gene_name=Smp_325490;owner=mb4@sange
r.ac.uk,irisadmin@local.host;Note=MB added new product description:
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protein kinase based on
interpro;date_last_modified=2022-10-03;date_creation=2022-06-29
SM_V9_WSR       iris    mRNA    26496   30317   .       -       .

ID=Smp_325490.1;Parent=Smp_325490;geneID=Smp_325490;gene_name=Smp_32
5490;owner=irisadmin@local.host;description=Protein kinase%2C
putative;orig_id=Smp_325490.1;date_last_modified=2022-10-03;Name=Smp
_325490.1;date_creation=2022-06-29
SM_V9_WSR       iris    exon    26496   26769   .       -       .
        Parent=Smp_325490.1;Name=Smp_325490.1-CDS
SM_V9_WSR       iris    exon    28339   28578   .       -       .
        Parent=Smp_325490.1;Name=585096c9-fd7f-4f85-
b722-1de7ac8b3455
SM_V9_WSR       iris    exon    30236   30317   .       -       .
        Parent=Smp_325490.1;Name=472b0a91-267f-41f4-
aafc-4e2e665c7eba
SM_V9_WSR       iris    CDS     26592   26769   .       -       1
        Parent=Smp_325490.1
SM_V9_WSR       iris    CDS     28339   28578   .       -       1
        Parent=Smp_325490.1
SM_V9_WSR       iris    CDS     30236   30246   .       -       0
        Parent=Smp_325490.1
SM_V9_WSR       Liftoff gene    30590   30994   .       -       .
        ID=sma.nc.W.E2;geneID=sma.nc.W.E2
SM_V9_WSR       Liftoff ncRNA   30590   30994   .       -       .
        ID=sma.nc.W.E2.1;Parent=sma.nc.W.E2;geneID=sma.nc.W.E2
SM_V9_WSR       Liftoff exon    30590   30994   .       -       .
        Parent=sma.nc.W.E2.1
SM_V9_WSR       iris    gene    263389  264479  .       +       .

ID=Smp_317860;geneID=Smp_317860;gene_name=Smp_317860;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    263389  264479  .       +       .

ID=Smp_317860.1;Parent=Smp_317860;geneID=Smp_317860;gene_name=Smp_31
7860;owner=irisadmin@local.host;orig_id=Smp_317860.1;date_last_modif
ied=2022-10-04;Name=Smp_317860.1;product=DnaJ homolog subfamily B
member 3;date_creation=2022-10-04
SM_V9_WSR       iris    exon    263389  264479  .       +       .
        Parent=Smp_317860.1;Name=Smp_317860.1-CDS
SM_V9_WSR       iris    CDS     263457  264269  .       +       0
        Parent=Smp_317860.1
SM_V9_WSR       iris    gene    279097  280187  .       +       .

ID=Smp_317870;geneID=Smp_317870;gene_name=Smp_317870;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    279097  280187  .       +       .

ID=Smp_317870.1;Parent=Smp_317870;geneID=Smp_317870;gene_name=Smp_31
7870;owner=irisadmin@local.host;orig_id=Smp_317870.1;date_last_modif
ied=2022-10-04;Name=Smp_317870.1;product=DnaJ homolog subfamily B
member 3;date_creation=2022-10-04
SM_V9_WSR       iris    exon    279097  280187  .       +       .
        Parent=Smp_317870.1;Name=Smp_317870.1-CDS
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SM_V9_WSR       iris    CDS     279165  279977  .       +       0
        Parent=Smp_317870.1
SM_V9_WSR       iris    gene    297249  298339  .       +       .

ID=Smp_348710;geneID=Smp_348710;gene_name=Smp_348710;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    297249  298339  .       +       .

ID=Smp_348710.1;Parent=Smp_348710;geneID=Smp_348710;gene_name=Smp_34
8710;owner=irisadmin@local.host;orig_id=Smp_348710.1;date_last_modif
ied=2022-10-04;Name=Smp_348710.1;product=DnaJ homolog subfamily B
member 3;date_creation=2022-10-04
SM_V9_WSR       iris    exon    297249  298339  .       +       .
        Parent=Smp_348710.1;Name=Smp_348710.1-CDS
SM_V9_WSR       iris    CDS     297317  298129  .       +       0
        Parent=Smp_348710.1
SM_V9_WSR       iris    pseudogene      323319  323798  .       -
        .
ID=c1512432-49d5-4117-8bc2-82a9e7e91aec;geneID=c1512432-49d5-4117-8b
c2-82a9e7e91aec;gene_name=Smp_324690;owner=irisadmin@local.host;date
_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    transcript      323319  323798  .       -
        .       ID=3f41e371-e1ce-441d-
ad6e-22d58b6d60fd;Parent=c1512432-49d5-4117-8bc2-82a9e7e91aec;geneID
=c1512432-49d5-4117-8bc2-82a9e7e91aec;gene_name=Smp_324690;owner=iri
sadmin@local.host;orig_id=Smp_324690.1;date_last_modified=2022-10-04
;Name=Smp_324690.1;date_creation=2022-10-04
SM_V9_WSR       iris    exon    323319  323798  .       -       .
        Parent=3f41e371-e1ce-441d-
ad6e-22d58b6d60fd;Name=b3641ed0-3bf5-4219-bfda-6010a5fa9975
SM_V9_WSR       iris    gene    362620  399672  .       +       .

ID=Smp_324700;geneID=Smp_324700;gene_name=Smp_324700;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_WSR       iris    mRNA    362620  399672  .       +       .

ID=Smp_324700.1;Parent=Smp_324700;geneID=Smp_324700;gene_name=Smp_32
4700;owner=irisadmin@local.host;orig_id=Smp_324700.1;date_last_modif
ied=2022-07-20;Name=Smp_324700.1;product=SWI/SNF-related matrix-
associated actin-dependent regulator of chromatin subfamily A
containing DEAD/H box 1;date_creation=2022-07-20
SM_V9_WSR       iris    exon    362620  362686  .       +       .
        Parent=Smp_324700.1;Name=de46c784-9eb8-44b6-b4a7-
fa7b078afe0d
SM_V9_WSR       iris    exon    362731  362868  .       +       .

Parent=Smp_324700.1;Name=c6d98b19-9d6f-437a-8575-4e6797d2e4d4
SM_V9_WSR       iris    exon    367020  367058  .       +       .
        Parent=Smp_324700.1;Name=e85a4262-a277-4a8f-ac8f-
b3cd73d7b987
SM_V9_WSR       iris    exon    367095  367341  .       +       .
        Parent=Smp_324700.1;Name=ca32f919-81a0-4e28-8154-
efd10a8700a7
SM_V9_WSR       iris    exon    368859  369088  .       +       .
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        Parent=Smp_324700.1;Name=7c10d808-21fd-4d14-ba0b-
efc45e95e256
SM_V9_WSR       iris    exon    369926  370191  .       +       .
        Parent=Smp_324700.1;Name=8804d5e1-
f54d-496a-8c60-8e834f70ee25
SM_V9_WSR       iris    exon    378487  378588  .       +       .
        Parent=Smp_324700.1;Name=205eb6f5-9086-423f-
afdb-87537f99c2f3
SM_V9_WSR       iris    exon    379058  379328  .       +       .
        Parent=Smp_324700.1;Name=37d88f79-f574-43e6-a21d-
d5f2a4430ff2
SM_V9_WSR       iris    exon    383235  383359  .       +       .
        Parent=Smp_324700.1;Name=67d131eb-
b8d5-4cbb-994d-0f69763d1e65
SM_V9_WSR       iris    exon    385955  386403  .       +       .
        Parent=Smp_324700.1;Name=0b149e93-e153-409a-
b151-8aef5ea486f3
SM_V9_WSR       iris    exon    386502  386834  .       +       .
        Parent=Smp_324700.1;Name=d45672ed-13ff-4930-88da-
fd9c023f1d87
SM_V9_WSR       iris    exon    387254  387527  .       +       .
        Parent=Smp_324700.1;Name=9f8926b4-6af0-4ad5-
b6ee-107ab7de6888
SM_V9_WSR       iris    exon    389000  389131  .       +       .
        Parent=Smp_324700.1;Name=ecf3b4ab-8210-476a-b6c1-
f2961f21e266
SM_V9_WSR       iris    exon    391063  391276  .       +       .

Parent=Smp_324700.1;Name=f835657f-9fff-47b5-9203-46b94a0c5bfc
SM_V9_WSR       iris    exon    391884  392149  .       +       .
        Parent=Smp_324700.1;Name=820e1af9-aded-4e77-
bdb4-8e403a45fe9a
SM_V9_WSR       iris    exon    396243  396484  .       +       .

Parent=Smp_324700.1;Name=3e8fbca1-7a7a-4c30-9ecd-07f64bb0636c
SM_V9_WSR       iris    exon    397453  397605  .       +       .
        Parent=Smp_324700.1;Name=93738785-
c4b0-410f-9307-4d45d64da8c7
SM_V9_WSR       iris    exon    398651  399672  .       +       .
        Parent=Smp_324700.1;Name=c260aeb6-1dd9-4959-829e-
e3869db20c60
SM_V9_WSR       iris    CDS     362662  362686  .       +       0
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     362731  362868  .       +       2
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     367020  367058  .       +       2
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     367095  367341  .       +       2
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     368859  369088  .       +       1
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     369926  370191  .       +       2
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     378487  378588  .       +       0
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        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     379058  379328  .       +       0
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     383235  383359  .       +       2
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     385955  386403  .       +       0
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     386502  386834  .       +       1
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     387254  387527  .       +       1
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     389000  389131  .       +       0
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     391063  391276  .       +       0
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     391884  392149  .       +       2
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     396243  396484  .       +       0
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     397453  397605  .       +       1
        Parent=Smp_324700.1
SM_V9_WSR       iris    CDS     398651  399017  .       +       1
        Parent=Smp_324700.1
SM_V9_WSR       iris    mRNA    362620  399672  .       +       .

ID=Smp_324700.2;Parent=Smp_324700;geneID=Smp_324700;gene_name=Smp_32
4700;owner=irisadmin@local.host;date_last_modified=2022-07-20;Name=S
mp_324700.2;date_creation=2022-07-20
SM_V9_WSR       iris    exon    362620  362686  .       +       .
        Parent=Smp_324700.2;Name=7d474e72-8ff9-4ad1-b9a8-
a5f7b33565ca
SM_V9_WSR       iris    exon    362731  362868  .       +       .
        Parent=Smp_324700.2;Name=f4f74275-7d6e-4061-
a3f7-3c65ccb7da8e
SM_V9_WSR       iris    exon    367020  367058  .       +       .
        Parent=Smp_324700.2;Name=e8f860f2-d0c0-4e11-
b517-773405a6d5ea
SM_V9_WSR       iris    exon    367095  367341  .       +       .
        Parent=Smp_324700.2;Name=92d4e9bf-
a930-4f57-9ce1-2ec7504e959e
SM_V9_WSR       iris    exon    368859  369088  .       +       .
        Parent=Smp_324700.2;Name=b326c1e0-2bbe-4ffc-8160-
ded406cb274c
SM_V9_WSR       iris    exon    369926  370191  .       +       .
        Parent=Smp_324700.2;Name=fc11fa75-730a-4b41-
b4f7-5cb3fedca93e
SM_V9_WSR       iris    exon    379058  379328  .       +       .
        Parent=Smp_324700.2;Name=4e9b24dd-edae-4509-827f-
c9a0671e05fe
SM_V9_WSR       iris    exon    383235  383359  .       +       .

Parent=Smp_324700.2;Name=4dad3a29-70fe-4f1b-95d4-3bb33f47c705
SM_V9_WSR       iris    exon    385955  386403  .       +       .
        Parent=Smp_324700.2;Name=723dc31b-b1ef-492c-
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a0d1-45670669288d
SM_V9_WSR       iris    exon    386502  386834  .       +       .
        Parent=Smp_324700.2;Name=70bf7bf6-
e08f-46d7-8c68-52675136778e
SM_V9_WSR       iris    exon    387254  387527  .       +       .
        Parent=Smp_324700.2;Name=b1e32eee-0a20-4ef0-a75a-
c5edd19da891
SM_V9_WSR       iris    exon    389000  389131  .       +       .
        Parent=Smp_324700.2;Name=d7c3caf8-765f-4072-
a215-60b41f35e90d
SM_V9_WSR       iris    exon    391063  391276  .       +       .
        Parent=Smp_324700.2;Name=9b2d39a4-c6ed-465e-
bc1b-0c9e1a427b5c
SM_V9_WSR       iris    exon    391884  392149  .       +       .
        Parent=Smp_324700.2;Name=2236882a-55b1-462d-
befa-06478a010dbe
SM_V9_WSR       iris    exon    396243  396484  .       +       .

Parent=Smp_324700.2;Name=1157e539-4ecb-4d73-8221-9bd9febdf528
SM_V9_WSR       iris    exon    397453  397605  .       +       .
        Parent=Smp_324700.2;Name=7fa50068-34e6-4e90-bab1-
d66aacce861f
SM_V9_WSR       iris    exon    398651  399672  .       +       .
        Parent=Smp_324700.2;Name=071ad41d-a461-4077-b43d-
e1915947f160
SM_V9_WSR       iris    CDS     362662  362686  .       +       0
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     362731  362868  .       +       2
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     367020  367058  .       +       2
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     367095  367341  .       +       2
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     368859  369088  .       +       1
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     369926  370191  .       +       2
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     379058  379328  .       +       0
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     383235  383359  .       +       2
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     385955  386403  .       +       0
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     386502  386834  .       +       1
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     387254  387527  .       +       1
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     389000  389131  .       +       0
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     391063  391276  .       +       0
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     391884  392149  .       +       2
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     396243  396484  .       +       0
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        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     397453  397605  .       +       1
        Parent=Smp_324700.2
SM_V9_WSR       iris    CDS     398651  399017  .       +       1
        Parent=Smp_324700.2
SM_V9_WSR       Liftoff gene    409578  409732  .       +       .
        ID=sma.nc.W.S2;geneID=sma.nc.W.S2
SM_V9_WSR       Liftoff ncRNA   409578  409732  .       +       .
        ID=sma.nc.W.S2.1;Parent=sma.nc.W.S2;geneID=sma.nc.W.S2
SM_V9_WSR       Liftoff exon    409578  409732  .       +       .
        Parent=sma.nc.W.S2.1
SM_V9_WSR       iris    gene    420442  426802  .       -       .

ID=Smp_324710;geneID=Smp_324710;gene_name=Smp_324710;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_WSR       iris    mRNA    420442  426802  .       -       .

ID=Smp_324710.1;Parent=Smp_324710;geneID=Smp_324710;gene_name=Smp_32
4710;owner=irisadmin@local.host;orig_id=Smp_324710.1;date_last_modif
ied=2022-08-15;Name=Smp_324710.1;product=Single-stranded DNA-binding
protein 3;date_creation=2022-07-22
SM_V9_WSR       iris    exon    420442  421611  .       -       .
        Parent=Smp_324710.1;Name=d005e204-91fe-47e3-89a8-
d3912a8bb240
SM_V9_WSR       iris    exon    422418  423119  .       -       .
        Parent=Smp_324710.1;Name=50f4baad-d945-44a5-9b4e-
de1a91ca5129
SM_V9_WSR       iris    exon    424291  424902  .       -       .
        Parent=Smp_324710.1;Name=2253311f-6b1c-47c4-bbd8-
ed0166812d31
SM_V9_WSR       iris    exon    426231  426269  .       -       .
        Parent=Smp_324710.1;Name=c083996e-2b4a-467a-b0c8-
d35cbce16ca6
SM_V9_WSR       iris    exon    426304  426388  .       -       .
        Parent=Smp_324710.1;Name=cb15ea6e-3203-4bfb-a4e0-
c7c2042e5c33
SM_V9_WSR       iris    exon    426422  426483  .       -       .
        Parent=Smp_324710.1;Name=402cd7d8-5ccf-4c58-a031-
bff98d45ab28
SM_V9_WSR       iris    exon    426518  426590  .       -       .
        Parent=Smp_324710.1;Name=805866b4-7916-4af4-9108-
dcba48586693
SM_V9_WSR       iris    exon    426623  426802  .       -       .
        Parent=Smp_324710.1;Name=5fc846ab-
aad2-433a-9f6f-815381615601
SM_V9_WSR       iris    CDS     421582  421611  .       -       0
        Parent=Smp_324710.1
SM_V9_WSR       iris    CDS     422418  423119  .       -       0
        Parent=Smp_324710.1
SM_V9_WSR       iris    CDS     424291  424902  .       -       0
        Parent=Smp_324710.1
SM_V9_WSR       iris    CDS     426231  426269  .       -       0
        Parent=Smp_324710.1
SM_V9_WSR       iris    CDS     426304  426388  .       -       1
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        Parent=Smp_324710.1
SM_V9_WSR       iris    CDS     426422  426483  .       -       0
        Parent=Smp_324710.1
SM_V9_WSR       iris    CDS     426518  426590  .       -       1
        Parent=Smp_324710.1
SM_V9_WSR       iris    CDS     426623  426678  .       -       0
        Parent=Smp_324710.1
SM_V9_WSR       iris    gene    548212  549524  .       -       .

ID=Smp_348770;geneID=Smp_348770;gene_name=Smp_348770;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    548212  549524  .       -       .

ID=Smp_348770.1;Parent=Smp_348770;geneID=Smp_348770;gene_name=Smp_34
8770;owner=irisadmin@local.host;orig_id=Smp_348770.1;date_last_modif
ied=2022-10-04;Name=Smp_348770.1;product=Variant surface
glycoprotein ILTAT 1.3;date_creation=2022-10-04
SM_V9_WSR       iris    exon    548212  549524  .       -       .
        Parent=Smp_348770.1;Name=Smp_348770.1-CDS
SM_V9_WSR       iris    CDS     548557  549420  .       -       0
        Parent=Smp_348770.1
SM_V9_WSR       Liftoff gene    638998  639435  .       -       .
        ID=sma.nc.W.S6;geneID=sma.nc.W.S6
SM_V9_WSR       Liftoff ncRNA   638998  639435  .       -       .
        ID=sma.nc.W.S6.1;Parent=sma.nc.W.S6;geneID=sma.nc.W.S6
SM_V9_WSR       Liftoff exon    638998  639435  .       -       .
        Parent=sma.nc.W.S6.1
SM_V9_WSR       iris    gene    651479  683073  .       +       .

ID=Smp_318640;geneID=Smp_318640;gene_name=Smp_318640;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    651479  683073  .       +       .

ID=Smp_318640.1;Parent=Smp_318640;geneID=Smp_318640;gene_name=Smp_31
8640;owner=irisadmin@local.host;orig_id=Smp_318640.1;date_last_modif
ied=2022-11-12;Name=Smp_318640.1;product=Hypothetical
protein;date_creation=2022-10-04
SM_V9_WSR       iris    exon    651479  651638  .       +       .
        Parent=Smp_318640.1;Name=a2abfb56-d9e0-46c8-83e6-
b6ae8e82d567
SM_V9_WSR       iris    exon    662818  662976  .       +       .

Parent=Smp_318640.1;Name=c216e430-4c00-476d-8d5d-5e4d022427ad
SM_V9_WSR       iris    exon    664134  664869  .       +       .
        Parent=Smp_318640.1;Name=0d6401ee-803d-4630-
b433-9a4b5f0143a8
SM_V9_WSR       iris    exon    667687  667840  .       +       .
        Parent=Smp_318640.1;Name=eb09121d-f071-4154-
ae87-355a68bbfb93
SM_V9_WSR       iris    exon    674596  675012  .       +       .
        Parent=Smp_318640.1;Name=3025afc4-a011-4752-a2e5-
a41e937bc1e6
SM_V9_WSR       iris    exon    677748  678666  .       +       .
        Parent=Smp_318640.1;Name=967d95f4-
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d342-4b03-9d4d-2b83759ec113
SM_V9_WSR       iris    exon    680307  680576  .       +       .
        Parent=Smp_318640.1;Name=d34d128d-
adcd-4090-8a85-5c488fd77a8c
SM_V9_WSR       iris    exon    682529  683073  .       +       .

Parent=Smp_318640.1;Name=35e66a5a-8516-45b3-9e86-1392871bc2be
SM_V9_WSR       iris    CDS     662853  662976  .       +       0
        Parent=Smp_318640.1
SM_V9_WSR       iris    CDS     664134  664869  .       +       2
        Parent=Smp_318640.1
SM_V9_WSR       iris    CDS     667687  667840  .       +       1
        Parent=Smp_318640.1
SM_V9_WSR       iris    CDS     674596  675012  .       +       0
        Parent=Smp_318640.1
SM_V9_WSR       iris    CDS     677748  678666  .       +       0
        Parent=Smp_318640.1
SM_V9_WSR       iris    CDS     680307  680576  .       +       2
        Parent=Smp_318640.1
SM_V9_WSR       iris    CDS     682529  682809  .       +       2
        Parent=Smp_318640.1
SM_V9_WSR       Liftoff gene    651624  651931  .       -       .
        ID=sma.nc.W.S8;geneID=sma.nc.W.S8
SM_V9_WSR       Liftoff ncRNA   651624  651931  .       -       .
        ID=sma.nc.W.S8.1;Parent=sma.nc.W.S8;geneID=sma.nc.W.S8
SM_V9_WSR       Liftoff exon    651624  651931  .       -       .
        Parent=sma.nc.W.S8.1
SM_V9_WSR       iris    gene    686560  698386  .       -       .

ID=Smp_301330;geneID=Smp_301330;gene_name=Smp_301330;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_WSR       iris    mRNA    686560  698386  .       -       .

ID=Smp_301330.1;Parent=Smp_301330;geneID=Smp_301330;gene_name=Smp_30
1330;owner=irisadmin@local.host;orig_id=Smp_301330.1;date_last_modif
ied=2022-06-30;Name=Smp_301330.1;product=Transcription elongation
factor 1 homolog;date_creation=2022-06-30
SM_V9_WSR       iris    exon    686560  686909  .       -       .
        Parent=Smp_301330.1;Name=27b3ed6e-9ee0-497e-9378-
cd31e24fe79b
SM_V9_WSR       iris    exon    686954  687107  .       -       .
        Parent=Smp_301330.1;Name=efe3340d-5195-4e7a-b312-
a31c4d492aa9
SM_V9_WSR       iris    exon    698361  698386  .       -       .
        Parent=Smp_301330.1;Name=26696a03-4d5c-4b26-b01e-
e80f74563026
SM_V9_WSR       iris    CDS     686774  686909  .       -       1
        Parent=Smp_301330.1
SM_V9_WSR       iris    CDS     686954  687069  .       -       0
        Parent=Smp_301330.1
SM_V9_WSR       Liftoff gene    712254  712687  .       +       .
        ID=sma.nc.W.S10;geneID=sma.nc.W.S10
SM_V9_WSR       Liftoff ncRNA   712254  712687  .       +       .
        ID=sma.nc.W.S10.1;Parent=sma.nc.W.S10;geneID=sma.nc.W.S10
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SM_V9_WSR	Liftoff	exon	712254	712489	.	+	.
	Parent=sma.nc.W.S10.1
SM_V9_WSR	Liftoff	exon	712525	712687	.	+	.
	Parent=sma.nc.W.S10.1
SM_V9_WSR	iris	pseudogene	913324	914359	.	+
	.	ID=Smp_318650;geneID=Smp_318650
SM_V9_WSR	iris	transcript	913334	914359	.	+
	.	ID=Smp_318650.1;Parent=Smp_318650;geneID=Smp_318650
SM_V9_WSR	iris	exon	913334	914271	.	+	.
	Parent=Smp_318650.1
SM_V9_WSR	iris	exon	914275	914359	.	+	.
	Parent=Smp_318650.1
SM_V9_WSR	Liftoff	gene	923140	923507	.	+	.
	ID=sma.nc.W.S11;geneID=sma.nc.W.S11
SM_V9_WSR	Liftoff	ncRNA	923140	923507	.	+	.
	ID=sma.nc.W.S11.1;Parent=sma.nc.W.S11;geneID=sma.nc.W.S11
SM_V9_WSR	Liftoff	exon	923140	923328	.	+	.
	Parent=sma.nc.W.S11.1
SM_V9_WSR	Liftoff	exon	923364	923507	.	+	.
	Parent=sma.nc.W.S11.1
SM_V9_WSR	Liftoff	gene	924539	925642	.	-	.
	ID=sma.nc.W.S12;geneID=sma.nc.W.S12
SM_V9_WSR	Liftoff	ncRNA	924539	925642	.	-	.
	ID=sma.nc.W.S12.1;Parent=sma.nc.W.S12;geneID=sma.nc.W.S12
SM_V9_WSR	Liftoff	exon	924539	925642	.	-	.
	Parent=sma.nc.W.S12.1
SM_V9_WSR	iris	gene	1047723	1061399	.	+	.

ID=Smp_020920;geneID=Smp_020920;gene_name=Smp_020920;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-08-15;date_crea
tion=2022-07-22
SM_V9_WSR	iris	mRNA	1047723	1050549	.	+	.

ID=Smp_020920.1;Parent=Smp_020920;geneID=Smp_020920;gene_name=Smp_02
0920;owner=mb4@sanger.ac.uk;orig_id=Smp_020920.1;date_last_modified=
2022-07-25;Name=Smp_020920.1;product=DnaJ homolog subfamily B member
5;date_creation=2022-07-22
SM_V9_WSR	iris	exon	1047723	1047935	.	+	.
	Parent=Smp_020920.1;Name=b610da22-1e84-43e2-a173-
be386a536712
SM_V9_WSR	iris	exon	1047969	1048217	.	+	.
	Parent=Smp_020920.1;Name=0d1594c4-9882-4da2-
b81f-6eb3cd5fe829
SM_V9_WSR	iris	exon	1049673	1050549	.	+	.
	Parent=Smp_020920.1;Name=8a9f3856-b973-4364-
b42a-97bfdce13fdd
SM_V9_WSR	iris	CDS	1047777	1047935	.	+	0
	Parent=Smp_020920.1
SM_V9_WSR	iris	CDS	1047969	1048217	.	+	0
	Parent=Smp_020920.1
SM_V9_WSR	iris	CDS	1049673	1050272	.	+	0
	Parent=Smp_020920.1
SM_V9_WSR	Liftoff	gene	1058219	1060169	.	-	.
	ID=sma.nc.W.S13;geneID=sma.nc.W.S13
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SM_V9_WSR       Liftoff ncRNA   1058219 1060169 .       -       .
        ID=sma.nc.W.S13.1;Parent=sma.nc.W.S13;geneID=sma.nc.W.S13
SM_V9_WSR       Liftoff exon    1058219 1060169 .       -       .
        Parent=sma.nc.W.S13.1
SM_V9_WSR       iris    gene    1142341 1155997 .       +       .

ID=Smp_318660;geneID=Smp_318660;gene_name=Smp_318660;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-10-26;date_crea
tion=2022-07-21
SM_V9_WSR       iris    mRNA    1142341 1143091 .       +       .

ID=Smp_318660.2;Parent=Smp_318660;geneID=Smp_318660;gene_name=Smp_31
8660;owner=mb4@sanger.ac.uk;date_last_modified=2022-10-26;Name=Smp_3
18660.2;date_creation=2022-10-26
SM_V9_WSR       iris    exon    1142341 1142478 .       +       .

Parent=Smp_318660.2;Name=2eacb92b-7153-428e-8208-5a33a5fd5666
SM_V9_WSR       iris    exon    1142516 1143091 .       +       .
        Parent=Smp_318660.2;Name=ac8d68ca-9264-437b-9c57-
b94c99aa179e
SM_V9_WSR       iris    CDS     1142383 1142478 .       +       0
        Parent=Smp_318660.2
SM_V9_WSR       iris    CDS     1142516 1142791 .       +       0
        Parent=Smp_318660.2
SM_V9_WSR       iris    mRNA    1142341 1155997 .       +       .

ID=Smp_318660.1;Parent=Smp_318660;geneID=Smp_318660;gene_name=Smp_31
8660;owner=mb4@sanger.ac.uk,irisadmin@local.host;orig_id=Smp_318660.
1;date_last_modified=2022-07-22;Name=Smp_318660.1;product=Hypothetic
al protein;date_creation=2022-07-21
SM_V9_WSR       iris    exon    1142341 1142478 .       +       .
        Parent=Smp_318660.1;Name=13c2379c-6bf5-4e8d-ae76-
ca8d7123c18a
SM_V9_WSR       iris    exon    1142516 1142761 .       +       .
        Parent=Smp_318660.1;Name=53a120fb-2f1c-47f5-
a29c-79022437ffdd
SM_V9_WSR       iris    exon    1153304 1155997 .       +       .
        Parent=Smp_318660.1;Name=39734dbd-ba07-403a-
b3fd-3f4de0e69f34
SM_V9_WSR       iris    CDS     1142383 1142478 .       +       0
        Parent=Smp_318660.1
SM_V9_WSR       iris    CDS     1142516 1142761 .       +       0
        Parent=Smp_318660.1
SM_V9_WSR       iris    CDS     1153304 1155064 .       +       0
        Parent=Smp_318660.1
SM_V9_WSR       Liftoff gene    1265305 1265838 .       +       .
        ID=sma.nc.W.S15;geneID=sma.nc.W.S15
SM_V9_WSR       Liftoff ncRNA   1265305 1265838 .       +       .
        ID=sma.nc.W.S15.1;Parent=sma.nc.W.S15;geneID=sma.nc.W.S15
SM_V9_WSR       Liftoff exon    1265305 1265321 .       +       .
        Parent=sma.nc.W.S15.1
SM_V9_WSR       Liftoff exon    1265363 1265482 .       +       .
        Parent=sma.nc.W.S15.1
SM_V9_WSR       Liftoff exon    1265540 1265612 .       +       .
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        Parent=sma.nc.W.S15.1
SM_V9_WSR       Liftoff exon    1265646 1265838 .       +       .
        Parent=sma.nc.W.S15.1
SM_V9_WSR       Liftoff gene    1279129 1283082 .       +       .
        ID=sma.nc.W.S16;geneID=sma.nc.W.S16
SM_V9_WSR       Liftoff ncRNA   1279129 1283082 .       +       .
        ID=sma.nc.W.S16.1;Parent=sma.nc.W.S16;geneID=sma.nc.W.S16
SM_V9_WSR       Liftoff exon    1279129 1283082 .       +       .
        Parent=sma.nc.W.S16.1
SM_V9_WSR       Liftoff gene    1283775 1288843 .       +       .
        ID=sma.nc.W.S17;geneID=sma.nc.W.S17
SM_V9_WSR       Liftoff ncRNA   1283775 1288843 .       +       .
        ID=sma.nc.W.S17.1;Parent=sma.nc.W.S17;geneID=sma.nc.W.S17
SM_V9_WSR       Liftoff exon    1283775 1284076 .       +       .
        Parent=sma.nc.W.S17.1
SM_V9_WSR       Liftoff exon    1288238 1288843 .       +       .
        Parent=sma.nc.W.S17.1
SM_V9_WSR       Liftoff gene    1291569 1292804 .       +       .
        ID=sma.nc.W.S18;geneID=sma.nc.W.S18
SM_V9_WSR       Liftoff ncRNA   1291569 1292804 .       +       .
        ID=sma.nc.W.S18.1;Parent=sma.nc.W.S18;geneID=sma.nc.W.S18
SM_V9_WSR       Liftoff exon    1291569 1291964 .       +       .
        Parent=sma.nc.W.S18.1
SM_V9_WSR       Liftoff exon    1292528 1292804 .       +       .
        Parent=sma.nc.W.S18.1
SM_V9_WSR       iris    gene    1328707 1338031 .       -       .

ID=Smp_348730;geneID=Smp_348730;gene_name=Smp_348730;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_WSR       iris    mRNA    1328707 1338034 .       -       .

ID=Smp_348730.1;Parent=Smp_348730;geneID=Smp_348730;gene_name=Smp_34
8730;owner=irisadmin@local.host;orig_id=Smp_348730.1;date_last_modif
ied=2022-08-15;Name=Smp_348730.1;product=Myophilin;date_creation=202
2-06-30
SM_V9_WSR       iris    exon    1328707 1329697 .       -       .
        Parent=Smp_348730.1;Name=442f6694-24ee-4160-82cc-
a30b1ad33144
SM_V9_WSR       iris    exon    1333027 1333234 .       -       .
        Parent=Smp_348730.1;Name=72d4fb78-a6c0-4574-9911-
d0c22b9dc593
SM_V9_WSR       iris    exon    1334969 1335096 .       -       .
        Parent=Smp_348730.1;Name=77f103a2-db88-4bf7-955a-
d709c72b25ac
SM_V9_WSR       iris    exon    1337900 1338034 .       -       .

Parent=Smp_348730.1;Name=bcb0cca9-9b24-4bef-95cd-56ad9c98c43f
SM_V9_WSR       iris    CDS     1329512 1329697 .       -       0
        Parent=Smp_348730.1
SM_V9_WSR       iris    CDS     1333027 1333234 .       -       1
        Parent=Smp_348730.1
SM_V9_WSR       iris    CDS     1334969 1335096 .       -       0
        Parent=Smp_348730.1
SM_V9_WSR       iris    CDS     1337900 1337950 .       -       0
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        Parent=Smp_348730.1
SM_V9_WSR       Liftoff gene    1338429 1344241 .       +       .
        ID=sma.nc.W.S19;geneID=sma.nc.W.S19
SM_V9_WSR       Liftoff ncRNA   1338429 1344241 .       +       .
        ID=sma.nc.W.S19.1;Parent=sma.nc.W.S19;geneID=sma.nc.W.S19
SM_V9_WSR       Liftoff exon    1338429 1344241 .       +       .
        Parent=sma.nc.W.S19.1
SM_V9_WSR       iris    pseudogene      1845548 1850133 .       -
        .       ID=Smp_320660;geneID=Smp_320660
SM_V9_WSR       iris    transcript      1845548 1850133 .       -
        .
ID=Smp_320660.1;Parent=Smp_320660;geneID=Smp_320660;product=DNA
mismatch repair protein Msh2
SM_V9_WSR       iris    exon    1845548 1845678 .       -       .
        Parent=Smp_320660.1
SM_V9_WSR       iris    exon    1848413 1848584 .       -       .
        Parent=Smp_320660.1
SM_V9_WSR       iris    exon    1850024 1850133 .       -       .
        Parent=Smp_320660.1
SM_V9_WSR       iris    gene    1861620 1885637 .       +       .

ID=Smp_320670;geneID=Smp_320670;gene_name=Smp_320670;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    1861620 1885637 .       +       .

ID=Smp_320670.1;Parent=Smp_320670;geneID=Smp_320670;gene_name=Smp_32
0670;owner=irisadmin@local.host;orig_id=Smp_320670.1;date_last_modif
ied=2022-10-04;Name=Smp_320670.1;product=Chromatin assembly factor 1
subunit A-A;date_creation=2022-10-04
SM_V9_WSR       iris    exon    1861620 1861667 .       +       .
        Parent=Smp_320670.1;Name=4081f0b5-018b-4473-
aabd-95340f2e7228
SM_V9_WSR       iris    exon    1864047 1864172 .       +       .
        Parent=Smp_320670.1;Name=7e8cea86-4b63-40ea-ab68-
e5acbc4eeaba
SM_V9_WSR       iris    exon    1864211 1864341 .       +       .

Parent=Smp_320670.1;Name=2579fbcb-9c8c-4ade-92b3-33c09bf562bf
SM_V9_WSR       iris    exon    1864408 1864546 .       +       .
        Parent=Smp_320670.1;Name=5b06d865-2c38-4ebd-
ba08-591450c47e4e
SM_V9_WSR       iris    exon    1864585 1864856 .       +       .
        Parent=Smp_320670.1;Name=75564e18-129f-4334-b12d-
d96c57b2fd10
SM_V9_WSR       iris    exon    1872018 1872309 .       +       .

Parent=Smp_320670.1;Name=8d53ae5c-5f33-46b7-9892-9e37f995284d
SM_V9_WSR       iris    exon    1877171 1877590 .       +       .
        Parent=Smp_320670.1;Name=16c3b019-7a73-4c63-9bd5-
e43dbcd4bd19
SM_V9_WSR       iris    exon    1880541 1880640 .       +       .
        Parent=Smp_320670.1;Name=2d06f011-711f-4ca1-a087-
a3ab79a7663f
SM_V9_WSR       iris    exon    1882056 1882332 .       +       .
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Parent=Smp_320670.1;Name=40d84393-192a-4d6a-9a49-1305a6346d02
SM_V9_WSR       iris    exon    1884321 1885637 .       +       .
        Parent=Smp_320670.1;Name=a6bd005d-
e7d0-4de6-8039-32c2cb4ae28f
SM_V9_WSR       iris    CDS     1861650 1861667 .       +       0
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1864047 1864172 .       +       0
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1864211 1864341 .       +       0
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1864408 1864546 .       +       1
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1864585 1864856 .       +       0
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1872018 1872309 .       +       1
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1877171 1877590 .       +       0
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1880541 1880640 .       +       0
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1882056 1882332 .       +       2
        Parent=Smp_320670.1
SM_V9_WSR       iris    CDS     1884321 1885086 .       +       1
        Parent=Smp_320670.1
SM_V9_WSR       iris    pseudogene      1888196 1892479 .       -
        .       ID=Smp_320680;geneID=Smp_320680
SM_V9_WSR       iris    transcript      1888196 1892479 .       -
        .
ID=Smp_320680.1;Parent=Smp_320680;geneID=Smp_320680;product=Protein
VTS1;polypeptide_domain=InterPro:IPR013757;Ontology_term=GO:0003677,
GO:0003918,GO:0005524,GO:0006265
SM_V9_WSR       iris    exon    1888196 1888474 .       -       .
        Parent=Smp_320680.1
SM_V9_WSR       iris    exon    1890155 1890313 .       -       .
        Parent=Smp_320680.1
SM_V9_WSR       iris    exon    1892178 1892479 .       -       .
        Parent=Smp_320680.1
SM_V9_WSR       Liftoff gene    2023418 2025117 .       +       .
        ID=sma.nc.W.S21;geneID=sma.nc.W.S21
SM_V9_WSR       Liftoff ncRNA   2023418 2025117 .       +       .
        ID=sma.nc.W.S21.1;Parent=sma.nc.W.S21;geneID=sma.nc.W.S21
SM_V9_WSR       Liftoff exon    2023418 2023503 .       +       .
        Parent=sma.nc.W.S21.1
SM_V9_WSR       Liftoff exon    2024826 2025117 .       +       .
        Parent=sma.nc.W.S21.1
SM_V9_WSR       iris    gene    2426721 2459232 .       +       .

ID=Smp_335650;geneID=Smp_335650;gene_name=Smp_335650;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_WSR       iris    mRNA    2426721 2459232 .       +       .

ID=Smp_335650.1;Parent=Smp_335650;geneID=Smp_335650;gene_name=Smp_33
5650;owner=irisadmin@local.host;orig_id=Smp_335650.1;date_last_modif
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ied=2022-08-15;Name=Smp_335650.1;product=Transcription factor jun-
B;date_creation=2022-08-15
SM_V9_WSR       iris    exon    2426721 2427230 .       +       .
        Parent=Smp_335650.1;Name=9b56b31d-
da8d-4133-85cd-234af3d5b9e2
SM_V9_WSR       iris    exon    2443920 2444297 .       +       .
        Parent=Smp_335650.1;Name=fed4718c-6c3b-4111-
a647-4a632456dc95
SM_V9_WSR       iris    exon    2453352 2454210 .       +       .

Parent=Smp_335650.1;Name=d4c0c51f-2f22-459e-8558-4f54ecd2e880
SM_V9_WSR       iris    exon    2456016 2459232 .       +       .
        Parent=Smp_335650.1;Name=fa0e7a60-0d34-4e8a-
b352-94d177fc05a0
SM_V9_WSR       iris    CDS     2426863 2427230 .       +       0
        Parent=Smp_335650.1
SM_V9_WSR       iris    CDS     2443920 2444297 .       +       1
        Parent=Smp_335650.1
SM_V9_WSR       iris    CDS     2453352 2454210 .       +       1
        Parent=Smp_335650.1
SM_V9_WSR       iris    CDS     2456016 2457131 .       +       0
        Parent=Smp_335650.1
SM_V9_WSR       Liftoff gene    2445007 2445443 .       -       .
        ID=sma.nc.W.S23;geneID=sma.nc.W.S23
SM_V9_WSR       Liftoff ncRNA   2445007 2445443 .       -       .
        ID=sma.nc.W.S23.1;Parent=sma.nc.W.S23;geneID=sma.nc.W.S23
SM_V9_WSR       Liftoff exon    2445007 2445443 .       -       .
        Parent=sma.nc.W.S23.1
SM_V9_WSR       Liftoff gene    2460146 2462799 .       -       .
        ID=sma.nc.W.S25;geneID=sma.nc.W.S25
SM_V9_WSR       Liftoff ncRNA   2460146 2462799 .       -       .
        ID=sma.nc.W.S25.1;Parent=sma.nc.W.S25;geneID=sma.nc.W.S25
SM_V9_WSR       Liftoff exon    2460146 2462799 .       -       .
        Parent=sma.nc.W.S25.1
SM_V9_WSR       Liftoff gene    2518015 2520733 .       -       .
        ID=sma.nc.W.S26;geneID=sma.nc.W.S26
SM_V9_WSR       Liftoff ncRNA   2518015 2520733 .       -       .
        ID=sma.nc.W.S26.1;Parent=sma.nc.W.S26;geneID=sma.nc.W.S26
SM_V9_WSR       Liftoff exon    2518015 2520733 .       -       .
        Parent=sma.nc.W.S26.1
SM_V9_WSR       iris    gene    2543074 2544889 .       -       .

ID=Smp_320940;geneID=Smp_320940;gene_name=Smp_320940;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_WSR       iris    mRNA    2543074 2544889 .       -       .

ID=Smp_320940.1;Parent=Smp_320940;geneID=Smp_320940;gene_name=Smp_32
0940;owner=irisadmin@local.host;orig_id=Smp_320940.2;date_last_modif
ied=2022-07-31;Name=Smp_320940.1;product=tRNA
dimethylallyltransferase;date_creation=2022-07-30
SM_V9_WSR       iris    exon    2543074 2544483 .       -       .
        Parent=Smp_320940.1;Name=3125d547-
c3c0-446b-8c8a-315dfcf98bc2
SM_V9_WSR       iris    exon    2544519 2544889 .       -       .
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Parent=Smp_320940.1;Name=f6c2b65e-8dd6-46a4-9e6c-2e71a3eb13f4
SM_V9_WSR       iris    CDS     2543291 2544483 .       -       2
        Parent=Smp_320940.1
SM_V9_WSR       iris    CDS     2544519 2544741 .       -       0
        Parent=Smp_320940.1
SM_V9_WSR       iris    mRNA    2543074 2544889 .       -       .

ID=Smp_320940.2;Parent=Smp_320940;geneID=Smp_320940;gene_name=Smp_32
0940;owner=irisadmin@local.host;date_last_modified=2022-07-31;Name=S
mp_320940.2;product=tRNA
dimethylallyltransferase;date_creation=2022-07-31
SM_V9_WSR       iris    exon    2543074 2544483 .       -       .
        Parent=Smp_320940.2;Name=06829fec-1c4f-4f75-
bdb6-81da5c6a90c2
SM_V9_WSR       iris    exon    2544519 2544683 .       -       .

Parent=Smp_320940.2;Name=0dfb200f-1611-46b2-86f8-2114b7680d6d
SM_V9_WSR       iris    exon    2544717 2544889 .       -       .
        Parent=Smp_320940.2;Name=ee279a29-a304-4386-bece-
c1f60800377c
SM_V9_WSR       iris    CDS     2543291 2544483 .       -       2
        Parent=Smp_320940.2
SM_V9_WSR       iris    CDS     2544519 2544683 .       -       2
        Parent=Smp_320940.2
SM_V9_WSR       iris    CDS     2544717 2544741 .       -       0
        Parent=Smp_320940.2
SM_V9_WSR       iris    mRNA    2543074 2544889 .       -       .

ID=Smp_320940.3;Parent=Smp_320940;geneID=Smp_320940;gene_name=Smp_32
0940;owner=irisadmin@local.host;date_last_modified=2022-07-31;Name=S
mp_320940.3;date_creation=2022-07-31
SM_V9_WSR       iris    exon    2543074 2544483 .       -       .

Parent=Smp_320940.3;Name=96638652-6df9-4c66-9b8e-1f86ee187fc4
SM_V9_WSR       iris    exon    2544519 2544671 .       -       .
        Parent=Smp_320940.3;Name=7deccdae-8802-4a8b-8b12-
c73f7296ca16
SM_V9_WSR       iris    exon    2544717 2544889 .       -       .
        Parent=Smp_320940.3;Name=0e69ae9b-9e1a-43eb-9c48-
d6b28da8b5bf
SM_V9_WSR       iris    CDS     2543291 2544483 .       -       2
        Parent=Smp_320940.3
SM_V9_WSR       iris    CDS     2544519 2544671 .       -       2
        Parent=Smp_320940.3
SM_V9_WSR       iris    CDS     2544717 2544741 .       -       0
        Parent=Smp_320940.3
SM_V9_WSR       Liftoff gene    2653363 2659329 .       -       .
        ID=sma.nc.W.S29;geneID=sma.nc.W.S29
SM_V9_WSR       Liftoff ncRNA   2653363 2659329 .       -       .
        ID=sma.nc.W.S29.1;Parent=sma.nc.W.S29;geneID=sma.nc.W.S29
SM_V9_WSR       Liftoff exon    2653363 2659329 .       -       .
        Parent=sma.nc.W.S29.1
SM_V9_WSR       iris    gene    2704179 2706140 .       -       .
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ID=Smp_348790;geneID=Smp_348790;gene_name=Smp_348790;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_WSR       iris    mRNA    2704179 2706140 .       -       .

ID=Smp_348790.1;Parent=Smp_348790;geneID=Smp_348790;gene_name=Smp_34
8790;owner=irisadmin@local.host;orig_id=Smp_348790.1;date_last_modif
ied=2022-11-06;Name=Smp_348790.1;date_creation=2022-06-30
SM_V9_WSR       iris    exon    2704179 2705613 .       -       .
        Parent=Smp_348790.1;Name=Smp_348790.1-CDS
SM_V9_WSR       iris    exon    2705615 2705937 .       -       .
        Parent=Smp_348790.1;Name=e9d8611c-cff7-43a7-
a085-0121c15bcede
SM_V9_WSR       iris    exon    2706091 2706140 .       -       .
        Parent=Smp_348790.1;Name=cb2f75b3-ab40-4f92-
be0b-566315c78d51
SM_V9_WSR       iris    CDS     2704365 2705613 .       -       1
        Parent=Smp_348790.1
SM_V9_WSR       iris    CDS     2705615 2705916 .       -       0
        Parent=Smp_348790.1
SM_V9_WSR       iris    mRNA    2704179 2706140 .       -       .

ID=Smp_348790.2;Parent=Smp_348790;geneID=Smp_348790;gene_name=Smp_34
8790;owner=irisadmin@local.host;date_last_modified=2022-11-06;Name=S
mp_348790.2;date_creation=2022-06-30
SM_V9_WSR       iris    exon    2704179 2705613 .       -       .
        Parent=Smp_348790.2;Name=650ae9a4-
e3c4-4d2f-9480-19dd146ed586
SM_V9_WSR       iris    exon    2705615 2705958 .       -       .
        Parent=Smp_348790.2;Name=36518128-2af6-485c-b5c8-
c6061e7cc827
SM_V9_WSR       iris    exon    2706091 2706140 .       -       .
        Parent=Smp_348790.2;Name=b91a77ba-10c8-4082-
a7d4-90750c9c5079
SM_V9_WSR       iris    CDS     2704365 2705613 .       -       1
        Parent=Smp_348790.2
SM_V9_WSR       iris    CDS     2705615 2705916 .       -       0
        Parent=Smp_348790.2
SM_V9_WSR       iris    gene    3038598 3039065 .       +       .

ID=Smp_348800;geneID=Smp_348800;gene_name=Smp_348800;owner=mb4@sange
r.ac.uk;Note=checked;date_last_modified=2022-10-26;date_creation=202
2-06-30
SM_V9_WSR       iris    mRNA    3038598 3039065 .       +       .

ID=Smp_348800.1;Parent=Smp_348800;geneID=Smp_348800;gene_name=Smp_34
8800;owner=mb4@sanger.ac.uk;orig_id=Smp_348800.1;date_last_modified=
2022-07-01;Name=Smp_348800.1;product=Histone
H3.3;date_creation=2022-06-30
SM_V9_WSR       iris    exon    3038598 3039065 .       +       .
        Parent=Smp_348800.1;Name=1df22cf0-9c58-4892-ba5c-
fa4cacdead7c
SM_V9_WSR       iris    CDS     3038623 3039033 .       +       0
        Parent=Smp_348800.1
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SM_V9_WSR	iris	gene	3041645	3049704	.	-	.
ID=Smp_348810;geneID=Smp_348810;gene_name=Smp_348810;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR	iris	mRNA	3041646	3049704	.	-	.
ID=Smp_348810.1;Parent=Smp_348810;geneID=Smp_348810;gene_name=Smp_34
8810;owner=irisadmin@local.host;orig_id=Smp_348810.1;date_last_modif
ied=2022-10-04;Name=Smp_348810.1;product=Ubiquitin-conjugating
enzyme E2 variant 1;date_creation=2022-10-04
SM_V9_WSR	iris	exon	3041646	3042458	.	-	.
	Parent=Smp_348810.1;Name=e019e954-7a6b-40e7-
bf33-53d4549a118f
SM_V9_WSR	iris	exon	3047134	3047182	.	-	.
	Parent=Smp_348810.1;Name=6a5d1280-c3db-4487-a0df-
a0a2eb2d0e95
SM_V9_WSR	iris	exon	3047382	3047604	.	-	.
	Parent=Smp_348810.1;Name=5442b593-3198-44a7-
ab9d-19863c131cf9
SM_V9_WSR	iris	exon	3049645	3049704	.	-	.
	Parent=Smp_348810.1;Name=a512152a-
b40d-4a45-8925-229b2b93999b
SM_V9_WSR	iris	CDS	3042318	3042458	.	-	0
	Parent=Smp_348810.1
SM_V9_WSR	iris	CDS	3047134	3047182	.	-	1
	Parent=Smp_348810.1
SM_V9_WSR	iris	CDS	3047382	3047604	.	-	2
	Parent=Smp_348810.1
SM_V9_WSR	iris	CDS	3049645	3049681	.	-	0
	Parent=Smp_348810.1
SM_V9_WSR	iris	gene	3300517	3302902	.	-	.
ID=Smp_312650;geneID=Smp_312650;gene_name=Smp_312650;owner=mb4@sange
r.ac.uk;date_last_modified=2022-07-18;date_creation=2022-07-05
SM_V9_WSR	iris	mRNA	3300517	3302902	.	-	.
ID=Smp_312650.1;Parent=Smp_312650;geneID=Smp_312650;gene_name=Smp_31
2650;owner=mb4@sanger.ac.uk,irisadmin@local.host;orig_id=Smp_312650.
1;date_last_modified=2022-08-15;Name=Smp_312650.1;product=Dipeptide
and tripeptide permease B;date_creation=2022-07-05
SM_V9_WSR	iris	exon	3300517	3300738	.	-	.
	Parent=Smp_312650.1;Name=a2c52a4e-c286-40df-8bdb-
b5fb1e5fd770
SM_V9_WSR	iris	exon	3301776	3301931	.	-	.
	Parent=Smp_312650.1;Name=673f97ed-82bd-4a31-a7f0-
d2b7117e303f
SM_V9_WSR	iris	exon	3302605	3302902	.	-	.
	Parent=Smp_312650.1;Name=3e7ea8a0-c685-43fc-a244-
a907190f845d
SM_V9_WSR	iris	CDS	3300605	3300738	.	-	2
	Parent=Smp_312650.1
SM_V9_WSR	iris	CDS	3301776	3301931	.	-	2
	Parent=Smp_312650.1
SM_V9_WSR	iris	CDS	3302605	3302698	.	-	0
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        Parent=Smp_312650.1
SM_V9_WSR       iris    gene    3450673 3460436 .       -       .

ID=Smp_310950;geneID=Smp_310950;gene_name=Smp_310950;owner=irisadmin
@local.host;date_last_modified=2022-10-06;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    3455713 3460436 .       -       .

ID=Smp_310950.1;Parent=Smp_310950;geneID=Smp_310950;gene_name=Smp_31
0950;owner=irisadmin@local.host;orig_id=Smp_310950.1;date_last_modif
ied=2022-10-04;Name=Smp_310950.1;product=Splicing factor 3A subunit
1;date_creation=2022-10-04
SM_V9_WSR       iris    exon    3455713 3457959 .       -       .
        Parent=Smp_310950.1;Name=9f3f3409-b403-40ff-
be21-66a00617a67d
SM_V9_WSR       iris    exon    3460390 3460436 .       -       .
        Parent=Smp_310950.1;Name=8fabd41d-18f2-4a1e-
a2e9-3735778ad776
SM_V9_WSR       iris    CDS     3455971 3457959 .       -       0
        Parent=Smp_310950.1
SM_V9_WSR       iris    gene    3473296 3512558 .       +       .

ID=Smp_323380;geneID=Smp_323380;gene_name=Smp_323380;owner=mb4@sange
r.ac.uk,irisadmin@local.host;Note=checked;date_last_modified=2022-08
-15;date_creation=2022-06-28
SM_V9_WSR       iris    mRNA    3473296 3512558 .       +       .

ID=Smp_323380.1;Parent=Smp_323380;geneID=Smp_323380;gene_name=Smp_32
3380;owner=ta13@sanger.ac.uk,mb4@sanger.ac.uk,irisadmin@local.host;o
rig_id=Smp_323380.1;date_last_modified=2022-10-14;Name=Smp_323380.1;
product=Tumor susceptibility gene 101
protein;date_creation=2022-06-28
SM_V9_WSR       iris    exon    3473296 3473371 .       +       .
        Parent=Smp_323380.1;Name=7b9fc2ad-00af-4544-9ea6-
e939b55a3cc6
SM_V9_WSR       iris    exon    3473417 3473501 .       +       .

Parent=Smp_323380.1;Name=2e8e39d8-6518-436e-9ea7-06819030f1e8
SM_V9_WSR       iris    exon    3473535 3473764 .       +       .
        Parent=Smp_323380.1;Name=59888090-
ba29-409c-8e3c-3835ac06bcbc
SM_V9_WSR       iris    exon    3486327 3486477 .       +       .
        Parent=Smp_323380.1;Name=2adacbef-3a0d-4a81-80bc-
e409dd972fff
SM_V9_WSR       iris    exon    3486636 3486893 .       +       .
        Parent=Smp_323380.1;Name=c73532d3-ddf5-498f-
b39a-3289e20c379a
SM_V9_WSR       iris    exon    3501865 3502052 .       +       .

Parent=Smp_323380.1;Name=64ce5cdd-49de-449f-94a7-0639067c8bd6
SM_V9_WSR       iris    exon    3506014 3506253 .       +       .
        Parent=Smp_323380.1;Name=f7f1f83d-a3f0-4a9f-a408-
d23889f27dc6
SM_V9_WSR       iris    exon    3511323 3512558 .       +       .
        Parent=Smp_323380.1;Name=256bc5eb-
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fc8d-4e02-998a-9fc0579ea7f3
SM_V9_WSR       iris    CDS     3473330 3473371 .       +       0
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SM_V9_WSR       iris    CDS     3473417 3473501 .       +       0
        Parent=Smp_323380.1
SM_V9_WSR       iris    CDS     3473535 3473764 .       +       2
        Parent=Smp_323380.1
SM_V9_WSR       iris    CDS     3486327 3486477 .       +       0
        Parent=Smp_323380.1
SM_V9_WSR       iris    CDS     3486636 3486893 .       +       2
        Parent=Smp_323380.1
SM_V9_WSR       iris    CDS     3501865 3502052 .       +       2
        Parent=Smp_323380.1
SM_V9_WSR       iris    CDS     3506014 3506253 .       +       0
        Parent=Smp_323380.1
SM_V9_WSR       iris    CDS     3511323 3511409 .       +       0
        Parent=Smp_323380.1
SM_V9_WSR       iris    gene    4032089 4032760 .       +       .

ID=Smp_348820;geneID=Smp_348820;gene_name=Smp_348820;owner=mb4@sange
r.ac.uk,irisadmin@local.host;Note=Z-gametologue (Smp_031310) has
good evidence of alternative splicing from multiple libraries. W
copy has no evidence of alternative splicing in 20 RNAseq
libraries,Checked;date_last_modified=2022-10-26;date_creation=2022-0
6-29
SM_V9_WSR       iris    mRNA    4032089 4032760 .       +       .

ID=Smp_348820.1;Parent=Smp_348820;geneID=Smp_348820;gene_name=Smp_34
8820;owner=mb4@sanger.ac.uk,irisadmin@local.host;orig_id=Smp_348820.
1;date_last_modified=2022-06-30;Name=Smp_348820.1;product=40S
ribosomal protein S26;date_creation=2022-06-29
SM_V9_WSR       iris    exon    4032089 4032134 .       +       .
        Parent=Smp_348820.1;Name=b685000d-7fb4-4b36-b308-
a14ae56cc673
SM_V9_WSR       iris    exon    4032177 4032354 .       +       .
        Parent=Smp_348820.1;Name=5f5b5a2e-5a69-41c5-
ba7c-95f73087451b
SM_V9_WSR       iris    exon    4032569 4032760 .       +       .

Parent=Smp_348820.1;Name=bfd1c3ea-8d1f-4b35-93e7-187deea57b6b
SM_V9_WSR       iris    CDS     4032132 4032134 .       +       0
        Parent=Smp_348820.1
SM_V9_WSR       iris    CDS     4032177 4032354 .       +       0
        Parent=Smp_348820.1
SM_V9_WSR       iris    CDS     4032569 4032732 .       +       2
        Parent=Smp_348820.1
SM_V9_WSR       iris    mRNA    4032089 4032760 .       +       .

ID=Smp_348820.2;Parent=Smp_348820;geneID=Smp_348820;gene_name=Smp_34
8820;owner=mb4@sanger.ac.uk;date_last_modified=2022-10-26;Name=Smp_3
48820.2;date_creation=2022-10-26
SM_V9_WSR       iris    exon    4032089 4032138 .       +       .
        Parent=Smp_348820.2;Name=c4046191-a6b6-4a8f-a248-
bb1daf48e3cb
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SM_V9_WSR	iris	exon	4032569	4032760	.	+	.
	Parent=Smp_348820.2;Name=7db7b43a-4449-48c8-
bfce-344c38c3ec60
SM_V9_WSR	iris	CDS	4032132	4032138	.	+	0
	Parent=Smp_348820.2
SM_V9_WSR	iris	CDS	4032569	4032732	.	+	2
	Parent=Smp_348820.2
SM_V9_WSR	iris	gene	4164640	4195623	.	+	.

ID=Smp_303540;geneID=Smp_303540;gene_name=Smp_303540;owner=irisadmin
@local.host;date_last_modified=2022-10-06;date_creation=2022-06-30
SM_V9_WSR	iris	mRNA	4164640	4195623	.	+	.

ID=Smp_303540.1;Parent=Smp_303540;geneID=Smp_303540;gene_name=Smp_30
3540;owner=irisadmin@local.host;orig_id=Smp_303540.1;date_last_modif
ied=2022-10-06;Name=Smp_303540.1;product=Epsin-2;date_creation=2022-
06-30
SM_V9_WSR	iris	exon	4164640	4165086	.	+	.
	Parent=Smp_303540.1;Name=2304773a-4a8b-4dd3-9a72-
ed7442306606
SM_V9_WSR	iris	exon	4169999	4170272	.	+	.
	Parent=Smp_303540.1;Name=38c8dc62-3136-4b4c-9629-
cfcf900c7ab0
SM_V9_WSR	iris	exon	4173196	4173392	.	+	.
	Parent=Smp_303540.1;Name=b474cc62-a0ea-473c-b4f7-
a0e48ee73176
SM_V9_WSR	iris	exon	4176350	4176644	.	+	.
	Parent=Smp_303540.1;Name=3c8c1a08-8b5a-4448-9747-
a44224c9ab9a
SM_V9_WSR	iris	exon	4182809	4183195	.	+	.

Parent=Smp_303540.1;Name=4d445734-354d-461f-804c-9cf3daf0d81f
SM_V9_WSR	iris	exon	4194723	4195623	.	+	.
	Parent=Smp_303540.1;Name=9828172f-a270-4958-bd31-
b557eb33da92
SM_V9_WSR	iris	CDS	4164775	4165086	.	+	0
	Parent=Smp_303540.1
SM_V9_WSR	iris	CDS	4169999	4170272	.	+	0
	Parent=Smp_303540.1
SM_V9_WSR	iris	CDS	4173196	4173392	.	+	2
	Parent=Smp_303540.1
SM_V9_WSR	iris	CDS	4176350	4176644	.	+	0
	Parent=Smp_303540.1
SM_V9_WSR	iris	CDS	4182809	4183195	.	+	2
	Parent=Smp_303540.1
SM_V9_WSR	iris	CDS	4194723	4195048	.	+	2
	Parent=Smp_303540.1
SM_V9_WSR	Liftoff	gene	4165964	4169845	.	-	.
	ID=sma.nc.W.A1;geneID=sma.nc.W.A1
SM_V9_WSR	Liftoff	ncRNA	4165964	4169845	.	-	.
	ID=sma.nc.W.A1.1;Parent=sma.nc.W.A1;geneID=sma.nc.W.A1
SM_V9_WSR	Liftoff	exon	4165964	4169845	.	-	.
	Parent=sma.nc.W.A1.1
SM_V9_WSR	Liftoff	gene	4185296	4188025	.	-	.
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        ID=sma.nc.W.A2;geneID=sma.nc.W.A2
SM_V9_WSR       Liftoff ncRNA   4185296 4188025 .       -       .
        ID=sma.nc.W.A2.1;Parent=sma.nc.W.A2;geneID=sma.nc.W.A2
SM_V9_WSR       Liftoff exon    4185296 4188025 .       -       .
        Parent=sma.nc.W.A2.1
SM_V9_WSR       iris    gene    4379265 4386067 .       -       .

ID=Smp_348830;geneID=Smp_348830;gene_name=Smp_348830;owner=irisadmin
@local.host;date_last_modified=2022-07-22;date_creation=2022-07-22
SM_V9_WSR       iris    mRNA    4379265 4386067 .       -       .

ID=Smp_348830.1;Parent=Smp_348830;geneID=Smp_348830;gene_name=Smp_34
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subunit;date_creation=2022-07-22
SM_V9_WSR       iris    exon    4379265 4379592 .       -       .
        Parent=Smp_348830.1;Name=fd869dd8-7ac8-443d-
a4a4-1b7e6e27b62d
SM_V9_WSR       iris    exon    4380414 4380547 .       -       .
        Parent=Smp_348830.1;Name=d828dd8d-ed4f-46b4-
b68c-3fdb892b2e36
SM_V9_WSR       iris    exon    4380583 4380654 .       -       .
        Parent=Smp_348830.1;Name=c671aa2d-27e9-4516-
b112-79171de976dd
SM_V9_WSR       iris    exon    4380690 4380766 .       -       .

Parent=Smp_348830.1;Name=e3b1c1f7-5715-41c3-8187-6c0696ef7392
SM_V9_WSR       iris    exon    4385775 4385841 .       -       .
        Parent=Smp_348830.1;Name=f36d12fc-17e1-4ba6-a021-
ceefab7f13b1
SM_V9_WSR       iris    exon    4385874 4385961 .       -       .
        Parent=Smp_348830.1;Name=045f3184-0b4f-46a1-
a8f2-1e02426426e1
SM_V9_WSR       iris    exon    4385997 4386067 .       -       .
        Parent=Smp_348830.1;Name=179959e3-1ce7-45f5-
aa2b-458a4359c898
SM_V9_WSR       iris    CDS     4379409 4379592 .       -       1
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SM_V9_WSR       iris    CDS     4380414 4380547 .       -       0
        Parent=Smp_348830.1
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SM_V9_WSR       iris    CDS     4380690 4380766 .       -       2
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SM_V9_WSR       iris    CDS     4385775 4385841 .       -       0
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SM_V9_WSR       iris    CDS     4385874 4385961 .       -       1
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SM_V9_WSR       iris    CDS     4385997 4386040 .       -       0
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SM_V9_WSR       iris    gene    4957624 4961514 .       -       .

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@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
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SM_V9_WSR	iris	exon	4957624 4957873 .	-	.
	Parent=Smp_348840.1;Name=f47e66d4-949a-4d80-8f06-a685c1f92c28
SM_V9_WSR	iris	exon	4957954 4958288 .	-	.
	Parent=Smp_348840.1;Name=ec4097b5-086e-40a8-bec0-9af1a2e1b814
SM_V9_WSR	iris	exon	4958322 4958419 .	-	.
	Parent=Smp_348840.1;Name=2d01edaf-c64d-4f0b-9315-0cdd4006d9d2
SM_V9_WSR	iris	exon	4961244 4961340 .	-	.
	Parent=Smp_348840.1;Name=22f2f83f-7c4c-4c7c-aead-816ce7c0052a
SM_V9_WSR	iris	exon	4961375 4961514 .	-	.
	Parent=Smp_348840.1;Name=ba088039-1ca1-4e31-93c1-f5bd448e0df1
SM_V9_WSR	iris	CDS	4957840 4957873 .	-	1
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SM_V9_WSR	iris	CDS	4957954 4958288 .	-	0
	Parent=Smp_348840.1
SM_V9_WSR	iris	CDS	4958322 4958419 .	-	2
	Parent=Smp_348840.1
SM_V9_WSR	iris	CDS	4961244 4961340 .	-	0
	Parent=Smp_348840.1
SM_V9_WSR	iris	CDS	4961375 4961482 .	-	0
	Parent=Smp_348840.1
SM_V9_WSR	iris	mRNA	4957624 4961514 .	-	.
ID=Smp_348840.2;Parent=Smp_348840;geneID=Smp_348840;gene_name=Smp_348840;owner=irisadmin@local.host;orig_id=Smp_348840.2;date_last_modified=2022-10-04;Name=Smp_348840.2;product=Polyadenylate-binding protein 2;date_creation=2022-10-04
SM_V9_WSR	iris	exon	4957624 4957873 .	-	.
	Parent=Smp_348840.2;Name=ccb45735-615b-4750-a57d-165fad83d927
SM_V9_WSR	iris	exon	4957954 4958288 .	-	.
	Parent=Smp_348840.2;Name=d84cdb9d-2728-4951-b50f-81813c2c1ed7
SM_V9_WSR	iris	exon	4958322 4958392 .	-	.
	Parent=Smp_348840.2;Name=405b3194-a586-4e04-b869-6aadc7c6075d
SM_V9_WSR	iris	exon	4961244 4961340 .	-	.
	Parent=Smp_348840.2;Name=f736ef88-c736-46f4-85e0-713f83644d0e
SM_V9_WSR	iris	exon	4961375 4961514 .	-	.
	Parent=Smp_348840.2;Name=79249ae2-ebf5-4934-a9f9-f5351bfe7ff7
SM_V9_WSR	iris	CDS	4957840 4957873 .	-	1
	Parent=Smp_348840.2
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SM_V9_WSR       iris    CDS     4957954 4958288 .       -       0
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SM_V9_WSR       iris    CDS     4958322 4958392 .       -       2
        Parent=Smp_348840.2
SM_V9_WSR       iris    CDS     4961244 4961340 .       -       0
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SM_V9_WSR       iris    CDS     4961375 4961482 .       -       0
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@local.host;date_last_modified=2022-07-30;date_creation=2022-07-09
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ID=Smp_327030.1;Parent=Smp_327030;geneID=Smp_327030;gene_name=Smp_32
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ied=2022-07-30;Name=Smp_327030.1;product=Band 4.1-like protein
3;date_creation=2022-07-09
SM_V9_WSR       iris    exon    5095611 5095679 .       +       .

Parent=Smp_327030.1;Name=70067442-132d-4ead-901a-68e908bb2c02
SM_V9_WSR       iris    exon    5098901 5099350 .       +       .
        Parent=Smp_327030.1;Name=96bbebb7-2695-40e7-
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SM_V9_WSR       iris    exon    5102656 5102760 .       +       .
        Parent=Smp_327030.1;Name=828fb6b5-eabd-4f34-b202-
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SM_V9_WSR       iris    exon    5104884 5104926 .       +       .
        Parent=Smp_327030.1;Name=05fcaa0f-c30d-49f8-a428-
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SM_V9_WSR       iris    exon    5107031 5107151 .       +       .
        Parent=Smp_327030.1;Name=46a71d44-a182-4442-acb1-
f4d6be7ddf91
SM_V9_WSR       iris    exon    5109855 5110037 .       +       .
        Parent=Smp_327030.1;Name=b92e2035-12c1-4e15-8791-
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SM_V9_WSR       iris    exon    5112454 5112541 .       +       .
        Parent=Smp_327030.1;Name=538fac2a-c831-46c8-bd8f-
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SM_V9_WSR       iris    exon    5122165 5122412 .       +       .
        Parent=Smp_327030.1;Name=6a48448a-49ab-4e6f-
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SM_V9_WSR       iris    exon    5124769 5124956 .       +       .

Parent=Smp_327030.1;Name=eabeceda-6a13-4e49-9efb-489dd5d2dee0
SM_V9_WSR       iris    exon    5130185 5130214 .       +       .
        Parent=Smp_327030.1;Name=f601209d-bd67-4144-ab4a-
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SM_V9_WSR       iris    exon    5135537 5135895 .       +       .
        Parent=Smp_327030.1;Name=06fbe6a9-120a-4f82-832e-
a64aac697fb0
SM_V9_WSR       iris    exon    5138268 5138628 .       +       .
        Parent=Smp_327030.1;Name=b3c02580-0872-4051-b548-
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SM_V9_WSR       iris    exon    5140322 5140563 .       +       .
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SM_V9_WSR       iris    exon    5145909 5146118 .       +       .
        Parent=Smp_327030.1;Name=434db885-4e07-4a09-
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SM_V9_WSR       iris    exon    5148319 5148534 .       +       .
        Parent=Smp_327030.1;Name=d59f9de2-aae6-4783-
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SM_V9_WSR       iris    exon    5150435 5150503 .       +       .
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c2e9-4fe0-94ed-73c38bf64447
SM_V9_WSR       iris    exon    5152138 5152206 .       +       .
        Parent=Smp_327030.1;Name=2f72e9ff-78f3-44f9-
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SM_V9_WSR       iris    exon    5153468 5153620 .       +       .
        Parent=Smp_327030.1;Name=8aae44d6-3dae-4137-
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SM_V9_WSR       iris    exon    5156048 5156086 .       +       .
Parent=Smp_327030.1;Name=60532903-0e72-4a21-8c7c-2ea806f5e9ed
SM_V9_WSR       iris    exon    5163914 5164095 .       +       .
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        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5107031 5107151 .       +       2
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5109855 5110037 .       +       1
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        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5122165 5122412 .       +       0
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SM_V9_WSR       iris    CDS     5124769 5124956 .       +       1
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5130185 5130214 .       +       2
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5135537 5135895 .       +       2
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5138268 5138628 .       +       0
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5140322 5140563 .       +       2
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5145909 5146118 .       +       0
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5148319 5148534 .       +       0
        Parent=Smp_327030.1
SM_V9_WSR       iris    CDS     5150435 5150503 .       +       0
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SM_V9_WSR       iris    CDS     5152138 5152206 .       +       0
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SM_V9_WSR       iris    CDS     5156048 5156086 .       +       0
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SM_V9_WSR       iris    CDS     5163914 5164024 .       +       0
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SM_V9_WSR       Liftoff ncRNA   5158643 5161977 .       -       .
        ID=sma.nc.W.xx1.1;Parent=sma.nc.W.xx1;geneID=sma.nc.W.xx1
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SM_V9_WSR       iris    gene    5198608 5199809 .       -       .

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@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
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protein;date_creation=2022-10-04
SM_V9_WSR       iris    exon    5198608 5198898 .       -       .

Parent=Smp_348850.1;Name=97fb8b80-8917-4a95-9678-3994c5f283dd
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SM_V9_WSR       iris    exon    5199208 5199496 .       -       .

Parent=Smp_348850.1;Name=8f894b94-3d07-4f3a-8e2f-53f496ef387f
SM_V9_WSR       iris    exon    5199530 5199809 .       -       .
        Parent=Smp_348850.1;Name=6f801d90-6947-4e40-9897-
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SM_V9_WSR       iris    CDS     5198708 5198898 .       -       2
        Parent=Smp_348850.1
SM_V9_WSR       iris    CDS     5198934 5199172 .       -       1
        Parent=Smp_348850.1
SM_V9_WSR       iris    CDS     5199208 5199496 .       -       2
        Parent=Smp_348850.1
SM_V9_WSR       iris    CDS     5199530 5199743 .       -       0
        Parent=Smp_348850.1
SM_V9_WSR       iris    pseudogene      5572529 5596031 .       -
        .       ID=Smp_318710;geneID=Smp_318710
SM_V9_WSR       iris    transcript      5572529 5596031 .       -
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ID=Smp_318710.1;Parent=Smp_318710;geneID=Smp_318710;product=Ankyrin
repeat and KH domain-containing protein
mask;polypeptide_domain=InterPro:IPR002110,IPR020683
Pfam:PF12796;Ontology_term=GO:0005515
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        Parent=Smp_318710.1
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SM_V9_WSR       iris    exon    5573912 5574137 .       -       .
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SM_V9_WSR       iris    exon    5575567 5578838 .       -       .
        Parent=Smp_318710.1
SM_V9_WSR       iris    exon    5593120 5593449 .       -       .
        Parent=Smp_318710.1
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        Parent=Smp_318710.1
SM_V9_WSR       iris    exon    5595892 5596031 .       -       .
        Parent=Smp_318710.1
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SM_V9_WSR       Liftoff ncRNA   5590347 5591056 .       -       .
        ID=sma.nc.W.R2.1;Parent=sma.nc.W.R2;geneID=sma.nc.W.R2
SM_V9_WSR       Liftoff exon    5590347 5591056 .       -       .
        Parent=sma.nc.W.R2.1
SM_V9_WSR       iris    gene    5606542 5628027 .       -       .

ID=Smp_318690;geneID=Smp_318690;gene_name=Smp_318690;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
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ID=Smp_318690.1;Parent=Smp_318690;geneID=Smp_318690;gene_name=Smp_31
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-10-04
SM_V9_WSR       iris    exon    5606542 5608021 .       -       .
        Parent=Smp_318690.1;Name=93f76b98-accf-43b5-9c74-
f4111dd7c492
SM_V9_WSR       iris    exon    5611803 5612042 .       -       .
        Parent=Smp_318690.1;Name=3a8f0b79-
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SM_V9_WSR       iris    exon    5620320 5620638 .       -       .
        Parent=Smp_318690.1;Name=b23f3fe4-4527-448d-
a19c-024a8f62675a
SM_V9_WSR       iris    exon    5621906 5623521 .       -       .
        Parent=Smp_318690.1;Name=c02670db-f189-430c-a419-
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SM_V9_WSR       iris    exon    5627817 5627881 .       -       .

Parent=Smp_318690.1;Name=bf411eaa-967b-41ce-8fc5-6e976ba0175c
SM_V9_WSR       iris    exon    5627922 5628027 .       -       .
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        Parent=Smp_318690.1
SM_V9_WSR       iris    CDS     5611803 5612042 .       -       0
        Parent=Smp_318690.1
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        Parent=Smp_318690.1
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        Parent=Smp_318690.1
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        ID=sma.nc.W.R3;geneID=sma.nc.W.R3
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        Parent=sma.nc.W.R3.1
SM_V9_WSR       iris    gene    5647559 5667878 .       -       .

ID=Smp_318680;geneID=Smp_318680;gene_name=Smp_318680;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    5647559 5667878 .       -       .

ID=Smp_318680.1;Parent=Smp_318680;geneID=Smp_318680;gene_name=Smp_31
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protein;date_creation=2022-10-04
SM_V9_WSR       iris    exon    5647559 5648508 .       -       .
        Parent=Smp_318680.1;Name=08f696de-a8d1-48ed-
a6f1-73a830373bc5
SM_V9_WSR       iris    exon    5649715 5650746 .       -       .
        Parent=Smp_318680.1;Name=df520d40-
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SM_V9_WSR       iris    exon    5654064 5654610 .       -       .
        Parent=Smp_318680.1;Name=2b1ab360-
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SM_V9_WSR       iris    exon    5660126 5660485 .       -       .
        Parent=Smp_318680.1;Name=e0814fc0-29cd-471e-a60f-
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SM_V9_WSR       iris    exon    5662957 5667049 .       -       .
        Parent=Smp_318680.1;Name=1fa9b880-
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SM_V9_WSR       iris    exon    5667470 5667500 .       -       .
        Parent=Smp_318680.1;Name=1853f9a1-ddc4-49c7-
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SM_V9_WSR       iris    exon    5667769 5667878 .       -       .
        Parent=Smp_318680.1;Name=fd8582c4-3d37-417c-
bc98-39992c43a448
SM_V9_WSR       iris    CDS     5649728 5650746 .       -       2
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SM_V9_WSR       iris    CDS     5654064 5654610 .       -       0
        Parent=Smp_318680.1
SM_V9_WSR       iris    CDS     5660126 5660485 .       -       0
        Parent=Smp_318680.1
SM_V9_WSR       iris    CDS     5662957 5667049 .       -       1
        Parent=Smp_318680.1
SM_V9_WSR       iris    CDS     5667470 5667480 .       -       0
        Parent=Smp_318680.1
SM_V9_WSR       iris    gene    5689198 5694868 .       -       .

ID=Smp_348860;geneID=Smp_348860;gene_name=Smp_348860;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_WSR       iris    mRNA    5689198 5694868 .       -       .

ID=Smp_348860.1;Parent=Smp_348860;geneID=Smp_348860;gene_name=Smp_34
8860;owner=irisadmin@local.host;orig_id=Smp_348860.1;date_last_modif
ied=2022-10-04;Name=Smp_348860.1;product=Fibroblast growth factor
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receptor homolog 2;date_creation=2022-10-04
SM_V9_WSR       iris    exon    5689198 5694059 .       -       .
        Parent=Smp_348860.1;Name=c877afac-cf42-4834-ae70-
f3eb709a0bf8
SM_V9_WSR       iris    exon    5694480 5694510 .       -       .
        Parent=Smp_348860.1;Name=8c984aef-158a-4293-ac65-
b9a4fdd423e8
SM_V9_WSR       iris    exon    5694779 5694868 .       -       .
        Parent=Smp_348860.1;Name=8416377c-8718-4102-
af38-36490f9c93ba
SM_V9_WSR       iris    CDS     5689892 5694059 .       -       1
        Parent=Smp_348860.1
SM_V9_WSR       iris    CDS     5694480 5694490 .       -       0
        Parent=Smp_348860.1
SM_V9_WSR       iris    gene    5716277 5741398 .       +       .

ID=Smp_348670;geneID=Smp_348670;gene_name=Smp_348670;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-10-06;date_crea
tion=2022-10-04
SM_V9_WSR       iris    mRNA    5716277 5741398 .       +       .

ID=Smp_348670.1;Parent=Smp_348670;geneID=Smp_348670;gene_name=Smp_34
8670;owner=irisadmin@local.host;orig_id=Smp_348670.1;date_last_modif
ied=2022-10-04;Name=Smp_348670.1;product=Tyrosine-protein kinase
Src-2;date_creation=2022-10-04
SM_V9_WSR       iris    exon    5716277 5717012 .       +       .

Parent=Smp_348670.1;Name=8c6de144-339c-4a6e-9214-0106c3befd1e
SM_V9_WSR       iris    exon    5723088 5723249 .       +       .
        Parent=Smp_348670.1;Name=86287472-2607-4f27-aa61-
aa40c991e7d4
SM_V9_WSR       iris    exon    5724420 5724832 .       +       .
        Parent=Smp_348670.1;Name=5aab1782-df99-4d5d-96b9-
f241ab1e34fc
SM_V9_WSR       iris    exon    5731979 5732129 .       +       .
        Parent=Smp_348670.1;Name=55759f5f-579e-4d00-8cf9-
f3c77d084003
SM_V9_WSR       iris    exon    5732929 5733060 .       +       .

Parent=Smp_348670.1;Name=e3c680fa-2fb0-4cb9-8b4a-721a58ec150b
SM_V9_WSR       iris    exon    5739728 5741398 .       +       .

Parent=Smp_348670.1;Name=b008a7b6-622d-42e0-8245-058545acd964
SM_V9_WSR       iris    CDS     5716385 5717012 .       +       0
        Parent=Smp_348670.1
SM_V9_WSR       iris    CDS     5723088 5723249 .       +       2
        Parent=Smp_348670.1
SM_V9_WSR       iris    CDS     5724420 5724832 .       +       2
        Parent=Smp_348670.1
SM_V9_WSR       iris    CDS     5731979 5732129 .       +       0
        Parent=Smp_348670.1
SM_V9_WSR       iris    CDS     5732929 5733060 .       +       2
        Parent=Smp_348670.1
SM_V9_WSR       iris    CDS     5739728 5739939 .       +       2
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        Parent=Smp_348670.1
SM_V9_WSR       iris    gene    5784802 5827539 .       -       .

ID=Smp_331650;geneID=Smp_331650;gene_name=Smp_331650;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-10-07;date_crea
tion=2022-07-20
SM_V9_WSR       iris    mRNA    5784802 5827539 .       -       .

ID=Smp_331650.1;Parent=Smp_331650;geneID=Smp_331650;gene_name=Smp_33
1650;owner=irisadmin@local.host;date_last_modified=2022-10-07;Name=S
mp_331650.1;product=Rho GTPase-activating protein
1;date_creation=2022-10-07
SM_V9_WSR       iris    exon    5784802 5785683 .       -       .

Parent=Smp_331650.1;Name=b1b80063-18ab-4187-9956-6e6aa6b8fbb2
SM_V9_WSR       iris    exon    5787516 5787622 .       -       .

Parent=Smp_331650.1;Name=4d48edab-837b-4b2f-86f1-96a82b29ebc6
SM_V9_WSR       iris    exon    5788326 5788454 .       -       .
        Parent=Smp_331650.1;Name=08257c1e-7eb4-4424-a2a0-
bfcba44096a7
SM_V9_WSR       iris    exon    5792229 5792306 .       -       .
        Parent=Smp_331650.1;Name=4d079ff8-8c1d-425e-a40d-
bd9cad903963
SM_V9_WSR       iris    exon    5794482 5794555 .       -       .
        Parent=Smp_331650.1;Name=25700b54-e236-4864-a0ca-
ac1c3bdc2e5f
SM_V9_WSR       iris    exon    5795086 5795220 .       -       .
        Parent=Smp_331650.1;Name=0b72bfb1-b46e-4287-b002-
a0da4a3ddaaf
SM_V9_WSR       iris    exon    5799613 5799669 .       -       .
        Parent=Smp_331650.1;Name=0e3b66d4-3e10-40d2-
a98e-4e391218fcb3
SM_V9_WSR       iris    exon    5803981 5804079 .       -       .
        Parent=Smp_331650.1;Name=13f78dd9-fd1f-43e7-839f-
e47200a80818
SM_V9_WSR       iris    exon    5810307 5810393 .       -       .
        Parent=Smp_331650.1;Name=0f3ceac1-
bc97-4a3d-89ef-8f36c0b8ffcb
SM_V9_WSR       iris    exon    5811761 5811892 .       -       .
        Parent=Smp_331650.1;Name=6077b9c0-9376-4a0e-b614-
e70190e3afb1
SM_V9_WSR       iris    exon    5815316 5815476 .       -       .

Parent=Smp_331650.1;Name=58f37a72-342f-4037-84b5-95900c0a6ebb
SM_V9_WSR       iris    exon    5827442 5827539 .       -       .
        Parent=Smp_331650.1;Name=bfb0ab93-
b35d-4e74-8e5e-6588eed260ce
SM_V9_WSR       iris    CDS     5785516 5785683 .       -       0
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5787516 5787622 .       -       2
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5788326 5788454 .       -       2
        Parent=Smp_331650.1
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SM_V9_WSR       iris    CDS     5792229 5792306 .       -       2
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SM_V9_WSR       iris    CDS     5794482 5794555 .       -       1
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5795086 5795220 .       -       1
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5799613 5799669 .       -       1
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5803981 5804079 .       -       1
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5810307 5810393 .       -       1
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5811761 5811892 .       -       1
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5815316 5815476 .       -       0
        Parent=Smp_331650.1
SM_V9_WSR       iris    CDS     5827442 5827501 .       -       0
        Parent=Smp_331650.1
SM_V9_WSR       iris    mRNA    5784802 5827539 .       -       .

ID=Smp_331650.3;Parent=Smp_331650;geneID=Smp_331650;gene_name=Smp_33
1650;owner=irisadmin@local.host;date_last_modified=2022-10-07;Name=S
mp_331650.3;date_creation=2022-10-07
SM_V9_WSR       iris    exon    5784802 5785683 .       -       .
        Parent=Smp_331650.3;Name=0f050a8d-632b-49c9-8a6e-
f7e8520ff4f0
SM_V9_WSR       iris    exon    5787516 5787622 .       -       .
        Parent=Smp_331650.3;Name=2fc8bb94-ee83-4317-b8e4-
a1335bb3d30b
SM_V9_WSR       iris    exon    5788326 5788454 .       -       .
        Parent=Smp_331650.3;Name=c0f7b61a-b253-4d55-
a243-9b8e94dfdb61
SM_V9_WSR       iris    exon    5792229 5792306 .       -       .
        Parent=Smp_331650.3;Name=7e275d80-75a7-46b4-
b68c-0feb96cd39a3
SM_V9_WSR       iris    exon    5794482 5794555 .       -       .
        Parent=Smp_331650.3;Name=971f1844-2adc-463b-
b9bc-2444790c321d
SM_V9_WSR       iris    exon    5795086 5795220 .       -       .
        Parent=Smp_331650.3;Name=d80e1192-43fa-493a-
a310-1b7049973f7a
SM_V9_WSR       iris    exon    5815316 5815476 .       -       .
        Parent=Smp_331650.3;Name=0adc098a-e328-4e2d-b4de-
effdd902d4d2
SM_V9_WSR       iris    exon    5827442 5827539 .       -       .
        Parent=Smp_331650.3;Name=80c3ad92-70a1-462b-
a538-888bb47dc7da
SM_V9_WSR       iris    CDS     5785516 5785683 .       -       0
        Parent=Smp_331650.3
SM_V9_WSR       iris    CDS     5787516 5787622 .       -       2
        Parent=Smp_331650.3
SM_V9_WSR       iris    CDS     5788326 5788454 .       -       2
        Parent=Smp_331650.3
SM_V9_WSR       iris    CDS     5792229 5792306 .       -       2
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        Parent=Smp_331650.3
SM_V9_WSR       iris    CDS     5794482 5794555 .       -       1
        Parent=Smp_331650.3
SM_V9_WSR       iris    CDS     5795086 5795220 .       -       1
        Parent=Smp_331650.3
SM_V9_WSR       iris    CDS     5815316 5815476 .       -       0
        Parent=Smp_331650.3
SM_V9_WSR       iris    CDS     5827442 5827501 .       -       0
        Parent=Smp_331650.3
SM_V9_WSR       iris    mRNA    5791721 5827539 .       -       .

ID=Smp_331650.4;Parent=Smp_331650;geneID=Smp_331650;gene_name=Smp_33
1650;owner=irisadmin@local.host;date_last_modified=2022-10-07;Name=S
mp_331650.4;date_creation=2022-10-07
SM_V9_WSR       iris    exon    5791721 5792306 .       -       .
        Parent=Smp_331650.4;Name=11971960-7794-449a-
a76d-285c69bf742d
SM_V9_WSR       iris    exon    5793001 5793279 .       -       .
        Parent=Smp_331650.4;Name=b06c441a-2ecb-4c84-
b226-8eefa944d37a
SM_V9_WSR       iris    exon    5794482 5794555 .       -       .
        Parent=Smp_331650.4;Name=0e68e977-
b551-4500-9607-674cf590fe9f
SM_V9_WSR       iris    exon    5795086 5795220 .       -       .
        Parent=Smp_331650.4;Name=5204ee19-5e6d-4478-93a8-
d4122ea5bfd9
SM_V9_WSR       iris    exon    5799613 5799669 .       -       .
        Parent=Smp_331650.4;Name=d5175bef-
d491-41dd-8e1a-71f9fb63a29b
SM_V9_WSR       iris    exon    5803981 5804079 .       -       .
        Parent=Smp_331650.4;Name=7e41ac86-1b09-4105-
a781-8491aa4a5b1b
SM_V9_WSR       iris    exon    5810307 5810393 .       -       .
        Parent=Smp_331650.4;Name=d7a10f99-8f10-4484-a841-
a2f8b8426474
SM_V9_WSR       iris    exon    5815316 5815476 .       -       .
        Parent=Smp_331650.4;Name=6e79cb83-
f8d8-470a-9817-30bfcb8400ed
SM_V9_WSR       iris    exon    5827442 5827539 .       -       .
        Parent=Smp_331650.4;Name=e33ef20a-1133-4754-86f6-
c7ec55727d3e
SM_V9_WSR       iris    CDS     5793260 5793279 .       -       2
        Parent=Smp_331650.4
SM_V9_WSR       iris    CDS     5794482 5794555 .       -       1
        Parent=Smp_331650.4
SM_V9_WSR       iris    CDS     5795086 5795220 .       -       1
        Parent=Smp_331650.4
SM_V9_WSR       iris    CDS     5799613 5799669 .       -       1
        Parent=Smp_331650.4
SM_V9_WSR       iris    CDS     5803981 5804079 .       -       1
        Parent=Smp_331650.4
SM_V9_WSR       iris    CDS     5810307 5810393 .       -       1
        Parent=Smp_331650.4
SM_V9_WSR       iris    CDS     5815316 5815476 .       -       0
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        Parent=Smp_331650.4
SM_V9_WSR       iris    CDS     5827442 5827501 .       -       0
        Parent=Smp_331650.4
SM_V9_WSR       iris    mRNA    5799695 5827539 .       -       .

ID=Smp_331650.2;Parent=Smp_331650;geneID=Smp_331650;gene_name=Smp_33
1650;owner=irisadmin@local.host;orig_id=Smp_331650.1;date_last_modif
ied=2022-10-07;Name=Smp_331650.2;product=Rho GTPase-activating
protein 1;date_creation=2022-10-07
SM_V9_WSR       iris    exon    5799695 5800282 .       -       .
        Parent=Smp_331650.2;Name=Smp_331650.2-CDS
SM_V9_WSR       iris    exon    5803981 5804079 .       -       .
        Parent=Smp_331650.2;Name=01cc4de3-3cff-4c7b-
a136-156f2cde8720
SM_V9_WSR       iris    exon    5810307 5810393 .       -       .
        Parent=Smp_331650.2;Name=9536f274-7a19-41fd-
a2ce-2466977ff9a1
SM_V9_WSR       iris    exon    5815316 5815476 .       -       .
        Parent=Smp_331650.2;Name=a38efa2b-e716-4564-
b6ef-64526d673aa9
SM_V9_WSR       iris    exon    5827442 5827539 .       -       .
        Parent=Smp_331650.2;Name=30c22715-3e3d-4e30-
b5a7-6b376bf5b45c
SM_V9_WSR       iris    CDS     5800246 5800282 .       -       1
        Parent=Smp_331650.2
SM_V9_WSR       iris    CDS     5803981 5804079 .       -       1
        Parent=Smp_331650.2
SM_V9_WSR       iris    CDS     5810307 5810393 .       -       1
        Parent=Smp_331650.2
SM_V9_WSR       iris    CDS     5815316 5815476 .       -       0
        Parent=Smp_331650.2
SM_V9_WSR       iris    CDS     5827442 5827501 .       -       0
        Parent=Smp_331650.2
SM_V9_WSR       iris    gene    5829049 5829418 .       -       .

ID=Smp_349550;geneID=Smp_349550;gene_name=Smp_349550;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-20
SM_V9_WSR       iris    mRNA    5829049 5829418 .       -       .

ID=Smp_349550.1;Parent=Smp_349550;geneID=Smp_349550;gene_name=Smp_34
9550;owner=irisadmin@local.host;orig_id=Smp_331650.1;date_last_modif
ied=2022-08-02;Name=Smp_349550.1;date_creation=2022-07-20
SM_V9_WSR       iris    exon    5829049 5829418 .       -       .
        Parent=Smp_349550.1;Name=Smp_349550.1-CDS
SM_V9_WSR       iris    CDS     5829056 5829358 .       -       0
        Parent=Smp_349550.1
SM_V9_ZSR       Liftoff gene    1875    7150    .       -       .
        ID=Smp_153160;geneID=Smp_153160
SM_V9_ZSR       Liftoff mRNA    1875    7150    .       -       .

ID=Smp_153160.1;Parent=Smp_153160;geneID=Smp_153160;product=Adenylat
e kinase 4,
mitochondrial;polypeptide_domain=InterPro:IPR000850,IPR006259,IPR007
862,IPR027417,IPR033690
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Pfam:PF00406,PF05191;Ontology_term=GO:0004017,GO:0005524,GO:0006139,
GO:0016776,GO:0019205
SM_V9_ZSR       Liftoff exon    1875    2156    .       -       .
        Parent=Smp_153160.1
SM_V9_ZSR       Liftoff exon    4041    4159    .       -       .
        Parent=Smp_153160.1
SM_V9_ZSR       Liftoff exon    6632    6924    .       -       .
        Parent=Smp_153160.1
SM_V9_ZSR       Liftoff exon    6961    7150    .       -       .
        Parent=Smp_153160.1
SM_V9_ZSR       Liftoff CDS     2036    2156    .       -       1
        Parent=Smp_153160.1
SM_V9_ZSR       Liftoff CDS     4041    4159    .       -       0
        Parent=Smp_153160.1
SM_V9_ZSR       Liftoff CDS     6632    6924    .       -       2
        Parent=Smp_153160.1
SM_V9_ZSR       Liftoff CDS     6961    7120    .       -       0
        Parent=Smp_153160.1
SM_V9_ZSR       iris    gene    24349   26146   .       -       .

ID=Smp_349450;geneID=Smp_349450;gene_name=Smp_349450;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    24349   26146   .       -       .

ID=Smp_349450.1;Parent=Smp_349450;geneID=Smp_349450;gene_name=Smp_34
9450;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349450.1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    24349   24723   .       -       .
        Parent=Smp_349450.1;Name=Smp_349450.1-CDS
SM_V9_ZSR       iris    exon    25951   26146   .       -       .

Parent=Smp_349450.1;Name=49df7286-4ec8-458e-96a6-81a4bd2cc801
SM_V9_ZSR       iris    CDS     24659   24723   .       -       2
        Parent=Smp_349450.1
SM_V9_ZSR       iris    CDS     25951   26050   .       -       0
        Parent=Smp_349450.1
SM_V9_ZSR       iris    gene    33745   53622   .       +       .

ID=Smp_153150;geneID=Smp_153150;gene_name=Smp_153150;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    33745   53622   .       +       .

ID=Smp_153150.1;Parent=Smp_153150;geneID=Smp_153150;gene_name=Smp_15
3150;owner=irisadmin@local.host;orig_id=Smp_153150.1;date_last_modif
ied=2022-07-17;Name=Smp_153150.1;product=Biotin--protein
ligase;date_creation=2022-07-17
SM_V9_ZSR       iris    exon    33745   33794   .       +       .

Parent=Smp_153150.1;Name=be418143-909c-44b3-9a5e-0be594d295d0
SM_V9_ZSR       iris    exon    36433   36786   .       +       .

Parent=Smp_153150.1;Name=6fb0a723-738a-4259-9cca-7eaae378604c
SM_V9_ZSR       iris    exon    39306   39563   .       +       .
        Parent=Smp_153150.1;Name=320f4cae-1241-4266-
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a85a-092f1794e44d
SM_V9_ZSR       iris    exon    42599   42784   .       +       .

Parent=Smp_153150.1;Name=4359cc50-1745-4610-8033-29fedffcb0d2
SM_V9_ZSR       iris    exon    43289   43482   .       +       .
        Parent=Smp_153150.1;Name=b1628b55-c0a3-46b3-816d-
d207987c6463
SM_V9_ZSR       iris    exon    44441   44508   .       +       .
        Parent=Smp_153150.1;Name=600cdb6d-653e-4649-8848-
e98dbf946202
SM_V9_ZSR       iris    exon    46505   46728   .       +       .
        Parent=Smp_153150.1;Name=7b45661c-9581-4902-
b07f-714820e3e468
SM_V9_ZSR       iris    exon    47813   48002   .       +       .
        Parent=Smp_153150.1;Name=3c022966-8ecf-4f4e-9f02-
ec23a1a18446
SM_V9_ZSR       iris    exon    48985   49204   .       +       .
        Parent=Smp_153150.1;Name=d2c17f2b-2ccf-4e41-
b536-9319419eab9a
SM_V9_ZSR       iris    exon    52778   53622   .       +       .
        Parent=Smp_153150.1;Name=e94d7af5-458f-4814-
bee4-0d7703b2ed58
SM_V9_ZSR       iris    CDS     36439   36786   .       +       0
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     39306   39563   .       +       0
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     42599   42784   .       +       0
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     43289   43482   .       +       0
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     44441   44508   .       +       1
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     46505   46728   .       +       2
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     47813   48002   .       +       0
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     48985   49204   .       +       2
        Parent=Smp_153150.1
SM_V9_ZSR       iris    CDS     52778   52997   .       +       1
        Parent=Smp_153150.1
SM_V9_ZSR       iris    gene    57286   190600  .       +       .

ID=Smp_153140;geneID=Smp_153140;gene_name=Smp_153140;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    57286   190600  .       +       .

ID=Smp_153140.1;Parent=Smp_153140;geneID=Smp_153140;gene_name=Smp_15
3140;owner=irisadmin@local.host;orig_id=Smp_153140.1;date_last_modif
ied=2022-08-20;Name=Smp_153140.1;product=Dynein heavy chain 5,
axonemal;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    57286   57372   .       +       .
        Parent=Smp_153140.1;Name=8570a1a7-690f-44b7-9745-
e83928106100
SM_V9_ZSR       iris    exon    57428   57576   .       +       .
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        Parent=Smp_153140.1;Name=7c2f703f-545c-4930-
bc7d-70ca429c0771
SM_V9_ZSR       iris    exon    57611   57723   .       +       .

Parent=Smp_153140.1;Name=c158a037-4205-49a3-8185-8d0c7193130a
SM_V9_ZSR       iris    exon    61927   61999   .       +       .

Parent=Smp_153140.1;Name=48625167-1ddf-4a0d-94fb-82ad2fddeec1
SM_V9_ZSR       iris    exon    63982   64010   .       +       .
        Parent=Smp_153140.1;Name=d04cf69c-ae90-4da6-a077-
da27e2bc1560
SM_V9_ZSR       iris    exon    66163   66261   .       +       .
        Parent=Smp_153140.1;Name=b001f471-392b-41b3-8bf5-
c22159491491
SM_V9_ZSR       iris    exon    68520   68552   .       +       .
        Parent=Smp_153140.1;Name=537613f0-4bd0-4842-
be5f-7836b0a806c7
SM_V9_ZSR       iris    exon    70768   70830   .       +       .

Parent=Smp_153140.1;Name=2d7ac09b-2833-4dfb-8213-8b40a3d00d0f
SM_V9_ZSR       iris    exon    72693   72758   .       +       .
        Parent=Smp_153140.1;Name=8df4f528-2d5c-4d87-
aad2-9dab9cb4577e
SM_V9_ZSR       iris    exon    74255   74305   .       +       .
        Parent=Smp_153140.1;Name=2e21c7f1-0cdd-48d5-989c-
c29cf4fda5f1
SM_V9_ZSR       iris    exon    75024   75197   .       +       .
        Parent=Smp_153140.1;Name=3e2b32f0-
e13b-4de7-850d-20bd4ad9736c
SM_V9_ZSR       iris    exon    76600   76789   .       +       .

Parent=Smp_153140.1;Name=044156af-1bd0-4550-8e4b-725b9acbbf41
SM_V9_ZSR       iris    exon    77628   77793   .       +       .
        Parent=Smp_153140.1;Name=ed254f64-92f1-4e95-8022-
bb07624842fd
SM_V9_ZSR       iris    exon    79686   79779   .       +       .
        Parent=Smp_153140.1;Name=5161c33a-1cd4-4546-bd97-
d8406b26a063
SM_V9_ZSR       iris    exon    80466   80564   .       +       .
        Parent=Smp_153140.1;Name=d435573e-0a7f-4600-
ac70-985d0f1fec22
SM_V9_ZSR       iris    exon    82481   82662   .       +       .
        Parent=Smp_153140.1;Name=703ef723-b758-48ad-
a5a9-12a2db186654
SM_V9_ZSR       iris    exon    83717   83836   .       +       .
        Parent=Smp_153140.1;Name=ef2e0aed-02cf-4661-8bca-
a2b8b26b3131
SM_V9_ZSR       iris    exon    86048   86249   .       +       .
        Parent=Smp_153140.1;Name=231bd071-0760-4d91-
acc8-39b49b0c69ee
SM_V9_ZSR       iris    exon    87274   87369   .       +       .

Parent=Smp_153140.1;Name=974a5e1c-22bc-4562-8747-46f2c200c2fc
SM_V9_ZSR       iris    exon    89683   89949   .       +       .
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        Parent=Smp_153140.1;Name=1a73635a-d9ae-4de5-
a8f6-556dc966f142
SM_V9_ZSR       iris    exon    92043   92338   .       +       .
        Parent=Smp_153140.1;Name=d2dc2426-e9c9-440b-
adea-8d03249d575d
SM_V9_ZSR       iris    exon    93875   94026   .       +       .
        Parent=Smp_153140.1;Name=d8cb59b0-fb0f-4588-
bf95-8c92b429f52b
SM_V9_ZSR       iris    exon    95407   95614   .       +       .
        Parent=Smp_153140.1;Name=7c53582f-374d-4afc-8615-
f77d7c8589d9
SM_V9_ZSR       iris    exon    97963   98177   .       +       .
        Parent=Smp_153140.1;Name=41f268bc-cd6d-40da-
bbbd-53c92e96caa1
SM_V9_ZSR       iris    exon    100175  100440  .       +       .

Parent=Smp_153140.1;Name=08155bbb-28d3-4cb8-911f-81f76463e04b
SM_V9_ZSR       iris    exon    102416  102616  .       +       .
        Parent=Smp_153140.1;Name=b4db77a2-a118-4e01-
a979-94ff544396e2
SM_V9_ZSR       iris    exon    104779  104859  .       +       .
        Parent=Smp_153140.1;Name=236a2c74-27df-4c11-ac2a-
bc718d30371b
SM_V9_ZSR       iris    exon    106817  107340  .       +       .
        Parent=Smp_153140.1;Name=412e4983-8ab0-4eb9-9ea4-
b1e8459fbd6a
SM_V9_ZSR       iris    exon    108496  108795  .       +       .
        Parent=Smp_153140.1;Name=87aa0098-3d62-4bd1-bb08-
f76d1b354346
SM_V9_ZSR       iris    exon    109585  109825  .       +       .
        Parent=Smp_153140.1;Name=53e86603-4cf8-4be7-
a947-7bf2e2bff074
SM_V9_ZSR       iris    exon    110548  110877  .       +       .
        Parent=Smp_153140.1;Name=3fe3e37d-ed5d-43e8-
b117-8b6257b0c4e1
SM_V9_ZSR       iris    exon    111526  111921  .       +       .
        Parent=Smp_153140.1;Name=c6b9c574-ad68-407b-
b7fa-22c263458178
SM_V9_ZSR       iris    exon    115226  115588  .       +       .
        Parent=Smp_153140.1;Name=a96ffee5-ff77-4cd8-b186-
c1a55ae7a138
SM_V9_ZSR       iris    exon    116529  116701  .       +       .
        Parent=Smp_153140.1;Name=7b9cf59f-
f855-4ba3-9e23-3ab7567e0641
SM_V9_ZSR       iris    exon    118414  118780  .       +       .
        Parent=Smp_153140.1;Name=9735ffbd-
a4b0-4248-945f-7d2a29b6d3af
SM_V9_ZSR       iris    exon    121389  121583  .       +       .
        Parent=Smp_153140.1;Name=dcdda797-8dee-4a3b-9eb6-
a3d6269a3214
SM_V9_ZSR       iris    exon    129231  129473  .       +       .
        Parent=Smp_153140.1;Name=5d64e7e0-
bd00-429a-8eb6-3274be088cc2
SM_V9_ZSR       iris    exon    131449  131992  .       +       .
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        Parent=Smp_153140.1;Name=b45ff017-
e4c6-4c7e-8b5a-62074c006b75
SM_V9_ZSR       iris    exon    134045  134157  .       +       .
        Parent=Smp_153140.1;Name=3d386b4a-1395-406f-a9cc-
d4098eb04857
SM_V9_ZSR       iris    exon    136484  136903  .       +       .

Parent=Smp_153140.1;Name=f72eb679-9c8e-49c5-9163-7fe55b919ff5
SM_V9_ZSR       iris    exon    139238  139564  .       +       .
        Parent=Smp_153140.1;Name=668558d5-5287-42c8-
aa35-60843091ef25
SM_V9_ZSR       iris    exon    140756  141203  .       +       .
        Parent=Smp_153140.1;Name=e907ffcf-7cdb-4a27-
a584-94b057d30881
SM_V9_ZSR       iris    exon    143180  143573  .       +       .
        Parent=Smp_153140.1;Name=aa275b75-
da63-4391-836c-313f0c14069d
SM_V9_ZSR       iris    exon    147897  148404  .       +       .

Parent=Smp_153140.1;Name=43ea0616-9acc-4084-8b6d-4c9af7cf7d30
SM_V9_ZSR       iris    exon    151484  151949  .       +       .
        Parent=Smp_153140.1;Name=880c386a-ad33-4b86-89fb-
d221204b7ffe
SM_V9_ZSR       iris    exon    155246  155433  .       +       .

Parent=Smp_153140.1;Name=2adce7b7-8326-440d-84ba-5323b504e9d9
SM_V9_ZSR       iris    exon    156607  156774  .       +       .
        Parent=Smp_153140.1;Name=312a58b2-2d29-46cb-
adc5-3dcfb1f13f91
SM_V9_ZSR       iris    exon    158337  158547  .       +       .

Parent=Smp_153140.1;Name=4614e853-39d2-42d8-8f42-9786f45b7608
SM_V9_ZSR       iris    exon    159663  159847  .       +       .
        Parent=Smp_153140.1;Name=aa60a7f5-fc21-4d56-
a2c0-6e3472b7a1e2
SM_V9_ZSR       iris    exon    162497  162691  .       +       .
        Parent=Smp_153140.1;Name=5964f5c5-8cbd-4086-9d55-
e4567faf9de8
SM_V9_ZSR       iris    exon    163699  164037  .       +       .

Parent=Smp_153140.1;Name=c7e2abd9-403d-41db-95e7-2a0f1bf7d34c
SM_V9_ZSR       iris    exon    164734  165283  .       +       .
        Parent=Smp_153140.1;Name=74a09e16-de21-4f20-
b083-016fd877e845
SM_V9_ZSR       iris    exon    171050  171189  .       +       .
        Parent=Smp_153140.1;Name=4ea90eaf-5023-462e-
ba90-1e38affdd2e3
SM_V9_ZSR       iris    exon    172776  173076  .       +       .

Parent=Smp_153140.1;Name=ab9d33f6-1650-4b3b-9093-925001b88198
SM_V9_ZSR       iris    exon    175076  175215  .       +       .
        Parent=Smp_153140.1;Name=d0fd51d6-4797-473c-967e-
e89450108829
SM_V9_ZSR       iris    exon    180823  181182  .       +       .
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        Parent=Smp_153140.1;Name=73fc4cb3-ab3e-423c-8d4e-
cc47e02623e2
SM_V9_ZSR       iris    exon    184755  185017  .       +       .
        Parent=Smp_153140.1;Name=e1a35b96-bca0-4e6c-b038-
e4c6ed1aefa8
SM_V9_ZSR       iris    exon    186553  186709  .       +       .
        Parent=Smp_153140.1;Name=c00a1585-ea25-4bf2-
baf5-641b3ff9bcd3
SM_V9_ZSR       iris    exon    188157  188369  .       +       .
        Parent=Smp_153140.1;Name=a9a36f7d-a9f1-48c4-a5ec-
db7b322e65ec
SM_V9_ZSR       iris    exon    189200  189328  .       +       .
        Parent=Smp_153140.1;Name=e5ea690a-ab12-4a35-91f1-
ac0c44f9d79b
SM_V9_ZSR       iris    exon    190136  190600  .       +       .
        Parent=Smp_153140.1;Name=fd8ff342-5c1b-4707-a48c-
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SM_V9_ZSR       iris    CDS     61951   61999   .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     63982   64010   .       +       2
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     66163   66261   .       +       0
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SM_V9_ZSR       iris    CDS     68520   68552   .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     70768   70830   .       +       0
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SM_V9_ZSR       iris    CDS     72693   72758   .       +       0
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SM_V9_ZSR       iris    CDS     74255   74305   .       +       0
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SM_V9_ZSR       iris    CDS     75024   75197   .       +       0
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SM_V9_ZSR       iris    CDS     76600   76789   .       +       0
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SM_V9_ZSR       iris    CDS     77628   77793   .       +       2
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     79686   79779   .       +       1
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SM_V9_ZSR       iris    CDS     80466   80564   .       +       0
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SM_V9_ZSR       iris    CDS     82481   82662   .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     83717   83836   .       +       1
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     86048   86249   .       +       1
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     87274   87369   .       +       0
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SM_V9_ZSR       iris    CDS     89683   89949   .       +       0
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SM_V9_ZSR       iris    CDS     92043   92338   .       +       0
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SM_V9_ZSR       iris    CDS     93875   94026   .       +       1
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        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     95407   95614   .       +       2
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SM_V9_ZSR       iris    CDS     97963   98177   .       +       1
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SM_V9_ZSR       iris    CDS     100175  100440  .       +       2
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SM_V9_ZSR       iris    CDS     102416  102616  .       +       0
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SM_V9_ZSR       iris    CDS     104779  104859  .       +       0
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SM_V9_ZSR       iris    CDS     106817  107340  .       +       0
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SM_V9_ZSR       iris    CDS     108496  108795  .       +       1
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SM_V9_ZSR       iris    CDS     109585  109825  .       +       1
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SM_V9_ZSR       iris    CDS     110548  110877  .       +       0
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SM_V9_ZSR       iris    CDS     111526  111921  .       +       0
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SM_V9_ZSR       iris    CDS     115226  115588  .       +       0
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SM_V9_ZSR       iris    CDS     116529  116701  .       +       0
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SM_V9_ZSR       iris    CDS     118414  118780  .       +       1
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SM_V9_ZSR       iris    CDS     121389  121583  .       +       0
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SM_V9_ZSR       iris    CDS     129231  129473  .       +       0
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SM_V9_ZSR       iris    CDS     131449  131992  .       +       0
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SM_V9_ZSR       iris    CDS     134045  134157  .       +       2
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SM_V9_ZSR       iris    CDS     136484  136903  .       +       0
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SM_V9_ZSR       iris    CDS     139238  139564  .       +       0
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SM_V9_ZSR       iris    CDS     140756  141203  .       +       0
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SM_V9_ZSR       iris    CDS     143180  143573  .       +       2
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SM_V9_ZSR       iris    CDS     147897  148404  .       +       1
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SM_V9_ZSR       iris    CDS     151484  151949  .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     155246  155433  .       +       2
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     156607  156774  .       +       0
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SM_V9_ZSR       iris    CDS     158337  158547  .       +       0
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SM_V9_ZSR       iris    CDS     159663  159847  .       +       2
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SM_V9_ZSR       iris    CDS     162497  162691  .       +       0
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SM_V9_ZSR       iris    CDS     163699  164037  .       +       0
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SM_V9_ZSR       iris    CDS     164734  165283  .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     171050  171189  .       +       2
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     172776  173076  .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     175076  175215  .       +       2
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     180823  181182  .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     184755  185017  .       +       0
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SM_V9_ZSR       iris    CDS     186553  186709  .       +       1
        Parent=Smp_153140.1
SM_V9_ZSR       iris    CDS     188157  188369  .       +       0
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SM_V9_ZSR       iris    CDS     189200  189328  .       +       0
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SM_V9_ZSR       iris    CDS     190136  190552  .       +       0
        Parent=Smp_153140.1
SM_V9_ZSR       iris    gene    193607  198420  .       -       .

ID=Smp_344560;geneID=Smp_344560;gene_name=Smp_344560;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    193607  198420  .       -       .

ID=Smp_344560.1;Parent=Smp_344560;geneID=Smp_344560;gene_name=Smp_34
4560;owner=irisadmin@local.host;orig_id=Smp_344560.1;date_last_modif
ied=2022-08-20;Name=Smp_344560.1;product=Zinc finger CCCH domain-
containing protein 6;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    193607  194250  .       -       .
        Parent=Smp_344560.1;Name=6526e137-e9c3-4687-8508-
a6cead173793
SM_V9_ZSR       iris    exon    195252  195328  .       -       .
        Parent=Smp_344560.1;Name=39e4540e-7ac5-4cf7-890a-
a78d2caf39d4
SM_V9_ZSR       iris    exon    197185  197288  .       -       .
        Parent=Smp_344560.1;Name=14ded212-2e62-4872-
a21c-0b81ba018e00
SM_V9_ZSR       iris    exon    198061  198420  .       -       .
        Parent=Smp_344560.1;Name=bd2ae144-fb15-43f5-
b364-6caab706594f
SM_V9_ZSR       iris    CDS     193892  194250  .       -       2
        Parent=Smp_344560.1
SM_V9_ZSR       iris    CDS     195252  195328  .       -       1
        Parent=Smp_344560.1
SM_V9_ZSR       iris    CDS     197185  197288  .       -       0
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SM_V9_ZSR       iris    CDS     198061  198096  .       -       0
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SM_V9_ZSR       iris    gene    207842  213588  .       +       .

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@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    207842  213588  .       +       .

ID=Smp_057650.1;Parent=Smp_057650;geneID=Smp_057650;gene_name=Smp_05
7650;owner=irisadmin@local.host;orig_id=Smp_057650.1;date_last_modif
ied=2022-07-18;Name=Smp_057650.1;product=IST1
homolog;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    207842  208171  .       +       .
        Parent=Smp_057650.1;Name=1536cf7c-55ce-4518-a0c8-
d81bd7a95e8e
SM_V9_ZSR       iris    exon    208205  208430  .       +       .
        Parent=Smp_057650.1;Name=a712b150-b5d7-4cc5-b836-
bed513fd46f1
SM_V9_ZSR       iris    exon    210160  210430  .       +       .
        Parent=Smp_057650.1;Name=1b28c253-01b8-4177-84db-
d29f323244cb
SM_V9_ZSR       iris    exon    212996  213588  .       +       .
        Parent=Smp_057650.1;Name=cde675de-
c968-4218-909c-2f26fda8d1ec
SM_V9_ZSR       iris    CDS     207903  208171  .       +       0
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SM_V9_ZSR       iris    CDS     208205  208430  .       +       1
        Parent=Smp_057650.1
SM_V9_ZSR       iris    CDS     210160  210430  .       +       0
        Parent=Smp_057650.1
SM_V9_ZSR       iris    CDS     212996  213243  .       +       2
        Parent=Smp_057650.1
SM_V9_ZSR       Liftoff gene    232403  276448  .       -       .

ID=Smp_344550;geneID=Smp_344550;previous_systematic_id=Smp_153120
SM_V9_ZSR       Liftoff mRNA    232403  276448  .       -       .

ID=Smp_344550.1;Parent=Smp_344550;geneID=Smp_344550;product=Polyaden
ylation factor subunit
2;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;Ontology
_term=GO:0005515
SM_V9_ZSR       Liftoff exon    232403  233480  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    239911  240330  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    245029  246966  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    258318  259327  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    260849  261137  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    266495  266785  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    267875  268357  .       -       .
        Parent=Smp_344550.1
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SM_V9_ZSR       Liftoff exon    270051  270638  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    272926  273041  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    275230  275350  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    276124  276271  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff exon    276322  276448  .       -       .
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     232842  233480  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     239911  240330  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     245029  246966  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     258318  259327  .       -       2
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     260849  261137  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     266495  266785  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     267875  268357  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     270051  270638  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     272926  273041  .       -       2
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     275230  275350  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     276124  276271  .       -       1
        Parent=Smp_344550.1
SM_V9_ZSR       Liftoff CDS     276322  276392  .       -       0
        Parent=Smp_344550.1
SM_V9_ZSR       iris    gene    293679  301088  .       -       .

ID=Smp_057630;geneID=Smp_057630;gene_name=Smp_057630;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    293679  301088  .       -       .

ID=Smp_057630.1;Parent=Smp_057630;geneID=Smp_057630;gene_name=Smp_05
7630;owner=irisadmin@local.host;orig_id=Smp_057630.1;date_last_modif
ied=2022-07-17;Name=Smp_057630.1;product=Activating signal
cointegrator 1 complex subunit 1;date_creation=2022-07-17
SM_V9_ZSR       iris    exon    293679  294657  .       -       .
        Parent=Smp_057630.1;Name=d0e96ba4-58c1-465d-b6f2-
ba9bb458e2d0
SM_V9_ZSR       iris    exon    295676  296458  .       -       .
        Parent=Smp_057630.1;Name=35673587-10a4-493c-
a175-95aa05c68268
SM_V9_ZSR       iris    exon    300977  301088  .       -       .
        Parent=Smp_057630.1;Name=def1fba4-a394-42cb-a02a-
c75e9ac1b46a
SM_V9_ZSR       iris    CDS     294265  294657  .       -       0
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        Parent=Smp_057630.1
SM_V9_ZSR       iris    CDS     295676  296443  .       -       0
        Parent=Smp_057630.1
SM_V9_ZSR       Liftoff gene    314182  316515  .       +       .
        ID=Smp_322040;geneID=Smp_322040
SM_V9_ZSR       Liftoff mRNA    314182  316515  .       +       .

ID=Smp_322040.1;Parent=Smp_322040;geneID=Smp_322040;product=Heat
shock factor-binding protein 1;polypeptide_domain=InterPro:IPR009643
Pfam:PF06825;Ontology_term=GO:0003714
SM_V9_ZSR       Liftoff exon    314182  314311  .       +       .
        Parent=Smp_322040.1
SM_V9_ZSR       Liftoff exon    314347  314413  .       +       .
        Parent=Smp_322040.1
SM_V9_ZSR       Liftoff exon    316260  316515  .       +       .
        Parent=Smp_322040.1
SM_V9_ZSR       Liftoff CDS     314231  314311  .       +       0
        Parent=Smp_322040.1
SM_V9_ZSR       Liftoff CDS     314347  314413  .       +       0
        Parent=Smp_322040.1
SM_V9_ZSR       Liftoff CDS     316260  316342  .       +       2
        Parent=Smp_322040.1
SM_V9_ZSR       Liftoff gene    317922  355798  .       -       .

ID=Smp_304030;geneID=Smp_304030;previous_systematic_id=Smp_057600,Sm
p_179540,Smp_191980
SM_V9_ZSR       Liftoff mRNA    317922  355798  .       -       .

ID=Smp_304030.1;Parent=Smp_304030;geneID=Smp_304030;product=Afadin-
and alpha-actinin-binding protein
B;polypeptide_domain=InterPro:IPR021622 Pfam:PF11559
SM_V9_ZSR       Liftoff exon    317922  328896  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff exon    331477  331635  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff exon    334128  334252  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff exon    335066  335573  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff exon    337414  337791  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff exon    342358  342526  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff exon    348202  348347  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff exon    353106  355798  .       -       .
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     328843  328896  .       -       0
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     331477  331635  .       -       0
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     334128  334252  .       -       2
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     335066  335573  .       -       0
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        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     337414  337791  .       -       0
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     342358  342526  .       -       1
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     348202  348347  .       -       0
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff CDS     353106  353264  .       -       0
        Parent=Smp_304030.1
SM_V9_ZSR       Liftoff gene    373817  376198  .       -       .
        ID=Smp_304040;geneID=Smp_304040
SM_V9_ZSR       Liftoff mRNA    373817  376198  .       -       .

ID=Smp_304040.1;Parent=Smp_304040;geneID=Smp_304040;product=Afadin-
and alpha-actinin-binding protein
SM_V9_ZSR       Liftoff exon    373817  374357  .       -       .
        Parent=Smp_304040.1
SM_V9_ZSR       Liftoff exon    375768  376198  .       -       .
        Parent=Smp_304040.1
SM_V9_ZSR       Liftoff CDS     373908  374357  .       -       0
        Parent=Smp_304040.1
SM_V9_ZSR       Liftoff CDS     375768  375962  .       -       0
        Parent=Smp_304040.1
SM_V9_ZSR       Liftoff gene    387942  388859  .       +       .
        ID=Smp_057590;geneID=Smp_057590
SM_V9_ZSR       Liftoff mRNA    387942  388859  .       +       .

ID=Smp_057590.1;Parent=Smp_057590;geneID=Smp_057590;product=UPF0051
protein ML0593
SM_V9_ZSR       Liftoff exon    387942  388859  .       +       .
        Parent=Smp_057590.1
SM_V9_ZSR       Liftoff CDS     388059  388802  .       +       0
        Parent=Smp_057590.1
SM_V9_ZSR       iris    gene    390068  400298  .       -       .

ID=Smp_335020;geneID=Smp_335020;gene_name=Smp_335020;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    390068  400298  .       -       .

ID=Smp_335020.1;Parent=Smp_335020;geneID=Smp_335020;gene_name=Smp_33
5020;owner=irisadmin@local.host;orig_id=Smp_335020.1;date_last_modif
ied=2022-07-18;Name=Smp_335020.1;product=O(6)-methylguanine-induced
apoptosis 2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    390068  390503  .       -       .
        Parent=Smp_335020.1;Name=a8044c0e-061b-4271-9732-
f85e61c5163c
SM_V9_ZSR       iris    exon    391569  391645  .       -       .
        Parent=Smp_335020.1;Name=8dfd8206-1e8c-4184-93fe-
caced5bbe150
SM_V9_ZSR       iris    exon    391719  391816  .       -       .

Parent=Smp_335020.1;Name=63e02a4b-1bf4-41aa-9263-8e5d6a1c486f
SM_V9_ZSR       iris    exon    394028  394133  .       -       .
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Parent=Smp_335020.1;Name=70213feb-76e1-4a32-9254-40f7ba372e92
SM_V9_ZSR       iris    exon    396813  396995  .       -       .
        Parent=Smp_335020.1;Name=8e7d2e1d-cdee-470e-
ba88-304e0f3c85f6
SM_V9_ZSR       iris    exon    400214  400298  .       -       .

Parent=Smp_335020.1;Name=814a5fca-47b0-418a-829b-86ff0ea4baad
SM_V9_ZSR       iris    CDS     390182  390503  .       -       1
        Parent=Smp_335020.1
SM_V9_ZSR       iris    CDS     391569  391645  .       -       0
        Parent=Smp_335020.1
SM_V9_ZSR       iris    CDS     391719  391816  .       -       2
        Parent=Smp_335020.1
SM_V9_ZSR       iris    CDS     394028  394133  .       -       0
        Parent=Smp_335020.1
SM_V9_ZSR       iris    CDS     396813  396995  .       -       0
        Parent=Smp_335020.1
SM_V9_ZSR       iris    CDS     400214  400264  .       -       0
        Parent=Smp_335020.1
SM_V9_ZSR       iris    gene    443112  497004  .       -       .

ID=Smp_332850;geneID=Smp_332850;gene_name=Smp_332850;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    443112  497004  .       -       .

ID=Smp_332850.1;Parent=Smp_332850;geneID=Smp_332850;gene_name=Smp_33
2850;owner=irisadmin@local.host;orig_id=Smp_332850.1;date_last_modif
ied=2022-07-18;Name=Smp_332850.1;product=SH3 domain-containing
kinase-binding protein 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    443112  444390  .       -       .
        Parent=Smp_332850.1;Name=d980dbfc-a8f4-40da-bd85-
e4de0d639541
SM_V9_ZSR       iris    exon    446567  446769  .       -       .
        Parent=Smp_332850.1;Name=ae9324cd-6d9d-4c06-bc70-
f6ca220a6577
SM_V9_ZSR       iris    exon    455044  455275  .       -       .
        Parent=Smp_332850.1;Name=9c15d351-81fb-4d3a-84ce-
b9b59e007e0e
SM_V9_ZSR       iris    exon    460429  460556  .       -       .
        Parent=Smp_332850.1;Name=4134b988-5772-4cfa-
bffd-1b8067d8b951
SM_V9_ZSR       iris    exon    461144  461600  .       -       .
        Parent=Smp_332850.1;Name=90447271-a612-4664-
a50d-1a35afd91310
SM_V9_ZSR       iris    exon    471832  472079  .       -       .
        Parent=Smp_332850.1;Name=9a27eb86-a436-469a-986f-
d142002a1520
SM_V9_ZSR       iris    exon    474315  474354  .       -       .
        Parent=Smp_332850.1;Name=78356415-9d02-45a6-8c08-
c36e9bb717ad
SM_V9_ZSR       iris    exon    481928  482158  .       -       .
        Parent=Smp_332850.1;Name=fc44e70a-b51b-43f5-b23a-
a7e1dee72622
SM_V9_ZSR       iris    exon    496552  496581  .       -       .
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        Parent=Smp_332850.1;Name=fbb391e0-7225-40bc-
af5d-26f92f2a2ceb
SM_V9_ZSR       iris    exon    496617  497004  .       -       .
        Parent=Smp_332850.1;Name=de933d72-7c8c-462b-bd51-
a496fa38f239
SM_V9_ZSR       iris    CDS     443932  444390  .       -       0
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     446567  446769  .       -       2
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     455044  455275  .       -       0
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     460429  460556  .       -       2
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     461144  461600  .       -       0
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     471832  472079  .       -       2
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     474315  474354  .       -       0
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     481928  482158  .       -       0
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     496552  496581  .       -       0
        Parent=Smp_332850.1
SM_V9_ZSR       iris    CDS     496617  496775  .       -       0
        Parent=Smp_332850.1
SM_V9_ZSR       iris    gene    506782  520986  .       +       .

ID=Smp_057620;geneID=Smp_057620;gene_name=Smp_057620;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    506782  520986  .       +       .

ID=Smp_057620.1;Parent=Smp_057620;geneID=Smp_057620;gene_name=Smp_05
7620;owner=irisadmin@local.host;orig_id=Smp_057620.2;date_last_modif
ied=2022-06-30;Name=Smp_057620.1;product=Putative polypeptide N-
acetylgalactosaminyltransferase 10;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    506782  507952  .       +       .
        Parent=Smp_057620.1;Name=966140b5-bd6c-4ead-84db-
c8f5c030f5b4
SM_V9_ZSR       iris    exon    512130  512501  .       +       .
        Parent=Smp_057620.1;Name=63706486-3ec6-4700-b91f-
f1f57c5a7d32
SM_V9_ZSR       iris    exon    520381  520986  .       +       .
        Parent=Smp_057620.1;Name=19f64030-11b5-45a0-96cc-
c7034d2b186a
SM_V9_ZSR       iris    CDS     507045  507952  .       +       0
        Parent=Smp_057620.1
SM_V9_ZSR       iris    CDS     512130  512501  .       +       1
        Parent=Smp_057620.1
SM_V9_ZSR       iris    CDS     520381  520645  .       +       1
        Parent=Smp_057620.1
SM_V9_ZSR       iris    mRNA    511502  520986  .       +       .

ID=Smp_057620.2;Parent=Smp_057620;geneID=Smp_057620;gene_name=Smp_05
7620;owner=irisadmin@local.host;orig_id=Smp_057620.3;date_last_modif
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ied=2022-06-30;Name=Smp_057620.2;product=Putative polypeptide N-
acetylgalactosaminyltransferase 10;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    511502  512501  .       +       .

Parent=Smp_057620.2;Name=1fb287cf-6a00-44be-92f0-3153922ca74a
SM_V9_ZSR       iris    exon    520381  520986  .       +       .

Parent=Smp_057620.2;Name=b3b81158-404a-4f58-939e-0ba88501ee54
SM_V9_ZSR       iris    CDS     512272  512501  .       +       0
        Parent=Smp_057620.2
SM_V9_ZSR       iris    CDS     520381  520645  .       +       1
        Parent=Smp_057620.2
SM_V9_ZSR       iris    gene    531968  563724  .       +       .

ID=Smp_125930;geneID=Smp_125930;gene_name=Smp_125930;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR       iris    mRNA    531968  563724  .       +       .

ID=Smp_125930.1;Parent=Smp_125930;geneID=Smp_125930;gene_name=Smp_12
5930;owner=irisadmin@local.host;orig_id=Smp_125930.1;date_last_modif
ied=2022-10-01;Name=Smp_125930.1;product=Centrosomal protein of 72
kDa;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    531968  532113  .       +       .
        Parent=Smp_125930.1;Name=9fc77c9c-8b6b-4fef-a01e-
b0da04b4c3af
SM_V9_ZSR       iris    exon    532146  532273  .       +       .

Parent=Smp_125930.1;Name=a0b908c1-33f7-40ba-9ca7-7346fbda762b
SM_V9_ZSR       iris    exon    532308  532500  .       +       .
        Parent=Smp_125930.1;Name=9cae29c6-c832-4aeb-b0ae-
d5c7cbcd49dc
SM_V9_ZSR       iris    exon    534115  534531  .       +       .
        Parent=Smp_125930.1;Name=7712fdad-7b63-4094-a803-
f1ad34e10822
SM_V9_ZSR       iris    exon    538735  538784  .       +       .
        Parent=Smp_125930.1;Name=1593140c-21f2-42c5-
bc74-8f5768ae2e78
SM_V9_ZSR       iris    exon    539761  539815  .       +       .
        Parent=Smp_125930.1;Name=2b29d6fe-6414-4798-
afe1-342c92f82526
SM_V9_ZSR       iris    exon    540220  540425  .       +       .
        Parent=Smp_125930.1;Name=ad5819d8-
d860-4bc7-8016-9a3b750450a3
SM_V9_ZSR       iris    exon    549556  550015  .       +       .
        Parent=Smp_125930.1;Name=65c25b47-8ff8-4d39-a1f3-
ec221bd0605d
SM_V9_ZSR       iris    exon    554522  554595  .       +       .
        Parent=Smp_125930.1;Name=d4324b93-40f3-4ceb-a982-
bdd1eb0b949f
SM_V9_ZSR       iris    exon    561593  561933  .       +       .
        Parent=Smp_125930.1;Name=bd261a31-4189-4f88-8be9-
eaffa2100876
SM_V9_ZSR       iris    exon    562975  563724  .       +       .
        Parent=Smp_125930.1;Name=a802bfe2-4e4a-4bda-
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b465-973bb9ca3f46
SM_V9_ZSR       iris    CDS     532044  532113  .       +       0
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SM_V9_ZSR       iris    CDS     532146  532273  .       +       2
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     532308  532500  .       +       0
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     534115  534531  .       +       2
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     538735  538784  .       +       2
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     539761  539815  .       +       0
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     540220  540425  .       +       2
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     549556  550015  .       +       0
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     554522  554595  .       +       2
        Parent=Smp_125930.1
SM_V9_ZSR       iris    CDS     561593  561784  .       +       0
        Parent=Smp_125930.1
SM_V9_ZSR       iris    gene    565946  577022  .       -       .

ID=Smp_125940;geneID=Smp_125940;gene_name=Smp_125940;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    565946  577022  .       -       .

ID=Smp_125940.1;Parent=Smp_125940;geneID=Smp_125940;gene_name=Smp_12
5940;owner=irisadmin@local.host;orig_id=Smp_125940.1;date_last_modif
ied=2022-06-30;Name=Smp_125940.1;product=Synaptotagmin-15;date_creat
ion=2022-06-30
SM_V9_ZSR       iris    exon    565946  566928  .       -       .
        Parent=Smp_125940.1;Name=3eb58e2e-9584-4366-b97a-
ddaf44152be7
SM_V9_ZSR       iris    exon    570748  570889  .       -       .
        Parent=Smp_125940.1;Name=d43df564-ef8a-4abc-
b61a-884d6f35e83a
SM_V9_ZSR       iris    exon    572691  574443  .       -       .
        Parent=Smp_125940.1;Name=10811087-f2ca-407c-92f6-
af802b289c11
SM_V9_ZSR       iris    exon    575150  575319  .       -       .
        Parent=Smp_125940.1;Name=1c9a7d7f-
d6fc-469e-81cd-095b034fd531
SM_V9_ZSR       iris    exon    576731  577022  .       -       .
        Parent=Smp_125940.1;Name=d1250ed4-3a7e-46cf-
bf0b-4f2f6008c305
SM_V9_ZSR       iris    CDS     566498  566928  .       -       2
        Parent=Smp_125940.1
SM_V9_ZSR       iris    CDS     570748  570889  .       -       0
        Parent=Smp_125940.1
SM_V9_ZSR       iris    CDS     572691  574310  .       -       0
        Parent=Smp_125940.1
SM_V9_ZSR       iris    gene    612255  625448  .       -       .
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ID=Smp_304060;geneID=Smp_304060;gene_name=Smp_304060;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    612255  625448  .       -       .

ID=Smp_304060.1;Parent=Smp_304060;geneID=Smp_304060;gene_name=Smp_30
4060;owner=irisadmin@local.host;orig_id=Smp_304060.1;date_last_modif
ied=2022-07-18;Name=Smp_304060.1;product=Synaptotagmin
2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    612255  615380  .       -       .
        Parent=Smp_304060.1;Name=cbc3fdf4-afb5-405c-bc70-
e5948344bbaa
SM_V9_ZSR       iris    exon    616662  616800  .       -       .
        Parent=Smp_304060.1;Name=0de75663-bc00-445e-a9a8-
e16c8c3a1ed6
SM_V9_ZSR       iris    exon    620334  621503  .       -       .
        Parent=Smp_304060.1;Name=0814f729-738b-4d93-95d7-
c70d8b933a66
SM_V9_ZSR       iris    exon    625341  625448  .       -       .
        Parent=Smp_304060.1;Name=371f2188-4b1e-4353-
bae2-616e2196258c
SM_V9_ZSR       iris    CDS     616748  616800  .       -       2
        Parent=Smp_304060.1
SM_V9_ZSR       iris    CDS     620334  621147  .       -       0
        Parent=Smp_304060.1
SM_V9_ZSR       iris    gene    646995  661423  .       -       .

ID=Smp_125960;geneID=Smp_125960;gene_name=Smp_125960;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    646995  661423  .       -       .

ID=Smp_125960.1;Parent=Smp_125960;geneID=Smp_125960;gene_name=Smp_12
5960;owner=irisadmin@local.host;orig_id=Smp_125960.1;date_last_modif
ied=2022-10-04;Name=Smp_125960.1;product=Hypothetical
protein;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    646995  647686  .       -       .
        Parent=Smp_125960.1;Name=1e342216-97ae-4450-8a2a-
b68f3e6536c0
SM_V9_ZSR       iris    exon    648804  649835  .       -       .
        Parent=Smp_125960.1;Name=1701b777-9b23-48ba-b81e-
cd1fc1e64afc
SM_V9_ZSR       iris    exon    652149  652695  .       -       .
        Parent=Smp_125960.1;Name=9aecf1ec-
f68e-45e2-8104-9c599d6cf558
SM_V9_ZSR       iris    exon    655322  655681  .       -       .
        Parent=Smp_125960.1;Name=b57a1ea0-6d37-4aef-
a758-56aca899e61f
SM_V9_ZSR       iris    exon    656477  660599  .       -       .
        Parent=Smp_125960.1;Name=e68375f4-6b9b-4d1a-
a82a-0943107e984c
SM_V9_ZSR       iris    exon    661022  661052  .       -       .
        Parent=Smp_125960.1;Name=81eca128-13c7-4e60-8dfd-
b2a65730d977
SM_V9_ZSR       iris    exon    661306  661423  .       -       .
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Parent=Smp_125960.1;Name=eb78fa32-171e-4726-91fe-547ee73f5a36
SM_V9_ZSR       iris    CDS     648817  649835  .       -       2
        Parent=Smp_125960.1
SM_V9_ZSR       iris    CDS     652149  652695  .       -       0
        Parent=Smp_125960.1
SM_V9_ZSR       iris    CDS     655322  655681  .       -       0
        Parent=Smp_125960.1
SM_V9_ZSR       iris    CDS     656477  660599  .       -       1
        Parent=Smp_125960.1
SM_V9_ZSR       iris    CDS     661022  661032  .       -       0
        Parent=Smp_125960.1
SM_V9_ZSR       Liftoff gene    673495  676275  .       +       .
        ID=Smp_322070;geneID=Smp_322070
SM_V9_ZSR       Liftoff mRNA    673495  676275  .       +       .

ID=Smp_322070.1;Parent=Smp_322070;geneID=Smp_322070;product=Leucyl/
phenylalanyl-tRNA--protein transferase
SM_V9_ZSR       Liftoff exon    673495  673955  .       +       .
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff exon    673994  674054  .       +       .
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff exon    674996  675047  .       +       .
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff exon    675106  675152  .       +       .
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff exon    675202  675267  .       +       .
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff exon    676210  676275  .       +       .
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff CDS     673870  673955  .       +       0
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff CDS     673994  674054  .       +       1
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff CDS     674996  675047  .       +       0
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff CDS     675106  675152  .       +       2
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff CDS     675202  675267  .       +       0
        Parent=Smp_322070.1
SM_V9_ZSR       Liftoff CDS     676210  676251  .       +       0
        Parent=Smp_322070.1
SM_V9_ZSR       iris    gene    678485  698801  .       +       .

ID=Smp_006920;geneID=Smp_006920;gene_name=Smp_006920;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    678485  698801  .       +       .

ID=Smp_006920.1;Parent=Smp_006920;geneID=Smp_006920;gene_name=Smp_00
6920;owner=irisadmin@local.host;orig_id=Smp_006920.1;date_last_modif
ied=2022-10-04;Name=Smp_006920.1;product=Proto oncogene tyrosine
protein kinase FYN;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    678485  679230  .       +       .
        Parent=Smp_006920.1;Name=dfa969cc-b7b1-4aab-92c1-
e95e37020e59
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SM_V9_ZSR	iris	exon	687626	687787	.	+	.
	Parent=Smp_006920.1;Name=5d58a90c-1a31-4b0b-
b969-5700e9f4214f
SM_V9_ZSR	iris	exon	692360	692772	.	+	.
	Parent=Smp_006920.1;Name=5803a180-902f-46db-acbb-
b0dd5dad8ce3
SM_V9_ZSR	iris	exon	694115	694265	.	+	.
	Parent=Smp_006920.1;Name=8015a5c3-6619-4f6f-b1e1-
bbfebaaabdb9
SM_V9_ZSR	iris	exon	695095	695226	.	+	.
	Parent=Smp_006920.1;Name=58393d11-25fc-4491-9e23-
e5180fb7d723
SM_V9_ZSR	iris	exon	697178	698801	.	+	.
	Parent=Smp_006920.1;Name=4ed4e4d1-8b37-4a79-acfe-
d7952ead7589
SM_V9_ZSR	iris	CDS	678603	679230	.	+	0
	Parent=Smp_006920.1
SM_V9_ZSR	iris	CDS	687626	687787	.	+	2
	Parent=Smp_006920.1
SM_V9_ZSR	iris	CDS	692360	692772	.	+	2
	Parent=Smp_006920.1
SM_V9_ZSR	iris	CDS	694115	694265	.	+	0
	Parent=Smp_006920.1
SM_V9_ZSR	iris	CDS	695095	695226	.	+	2
	Parent=Smp_006920.1
SM_V9_ZSR	iris	CDS	697178	697389	.	+	2
	Parent=Smp_006920.1
SM_V9_ZSR	Liftoff	gene	787736	793695	.	-	.
	ID=Smp_006930;geneID=Smp_006930
SM_V9_ZSR	Liftoff	mRNA	787736	793695	.	-	.

ID=Smp_006930.1;Parent=Smp_006930;geneID=Smp_006930;product=Beta-1,3
-galactosyltransferase brn;polypeptide_domain=InterPro:IPR002659
Pfam:PF01762;Ontology_term=GO:0006486,GO:0008378,GO:0016020
SM_V9_ZSR	Liftoff	exon	787736	789954	.	-	.
	Parent=Smp_006930.1
SM_V9_ZSR	Liftoff	exon	793502	793695	.	-	.
	Parent=Smp_006930.1
SM_V9_ZSR	Liftoff	CDS	788712	789947	.	-	0
	Parent=Smp_006930.1
SM_V9_ZSR	Liftoff	gene	832100	840191	.	-	.

ID=Smp_342210;geneID=Smp_342210;previous_systematic_id=Smp_125970
SM_V9_ZSR	Liftoff	mRNA	832100	840191	.	-	.

ID=Smp_342210.1;Parent=Smp_342210;geneID=Smp_342210;product=Zinc-
responsive transcriptional regulator
ZAP1;polypeptide_domain=InterPro:IPR013083,IPR013087;Ontology_term=G
O:0003676
SM_V9_ZSR	Liftoff	exon	832100	833510	.	-	.
	Parent=Smp_342210.1
SM_V9_ZSR	Liftoff	exon	835074	840191	.	-	.
	Parent=Smp_342210.1
SM_V9_ZSR	Liftoff	CDS	833004	833510	.	-	0
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        Parent=Smp_342210.1
SM_V9_ZSR       Liftoff CDS     835074  836213  .       -       0
        Parent=Smp_342210.1
SM_V9_ZSR       iris    gene    859085  907217  .       -       .

ID=Smp_332860;geneID=Smp_332860;gene_name=Smp_332860;owner=irisadmin
@local.host;date_last_modified=2022-10-05;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    859085  907217  .       -       .

ID=Smp_332860.1;Parent=Smp_332860;geneID=Smp_332860;gene_name=Smp_33
2860;owner=irisadmin@local.host;orig_id=Smp_332860.1;date_last_modif
ied=2022-10-04;Name=Smp_332860.1;product=Rho GTPase-activating
protein 8;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    859085  860124  .       -       .

Parent=Smp_332860.1;Name=a79a19a1-3dfe-4656-94f9-8fa20285b5dc
SM_V9_ZSR       iris    exon    861967  862073  .       -       .
        Parent=Smp_332860.1;Name=5efb7567-9d49-41fe-9d60-
a06fe5c531ee
SM_V9_ZSR       iris    exon    862768  862896  .       -       .

Parent=Smp_332860.1;Name=45381567-73cc-4281-914f-990a061ad335
SM_V9_ZSR       iris    exon    870300  870377  .       -       .
        Parent=Smp_332860.1;Name=c6cea2bc-f8b3-46f5-a975-
fc982fdd8c6d
SM_V9_ZSR       iris    exon    871343  871416  .       -       .
        Parent=Smp_332860.1;Name=cbc811a2-96ad-48fe-
b319-07f9e931c3c1
SM_V9_ZSR       iris    exon    871962  872096  .       -       .
        Parent=Smp_332860.1;Name=371b92d6-3e55-44bc-8c1d-
d961f686da00
SM_V9_ZSR       iris    exon    874550  874609  .       -       .
        Parent=Smp_332860.1;Name=d8ce5940-d391-4c46-ae8b-
f48934dd3e19
SM_V9_ZSR       iris    exon    880034  880132  .       -       .

Parent=Smp_332860.1;Name=29990e56-069a-4fe9-99c7-89a1a7636de5
SM_V9_ZSR       iris    exon    885532  885618  .       -       .
        Parent=Smp_332860.1;Name=44e30110-b3d2-4653-
b7bb-40e3693ea86e
SM_V9_ZSR       iris    exon    886857  886988  .       -       .
        Parent=Smp_332860.1;Name=ca1b304d-38e7-4f1d-801b-
b504835fc7ee
SM_V9_ZSR       iris    exon    890428  890588  .       -       .
        Parent=Smp_332860.1;Name=825d8e63-1761-488d-8bde-
e5cc02b3e433
SM_V9_ZSR       iris    exon    904383  904480  .       -       .
        Parent=Smp_332860.1;Name=95c83e0f-f939-46eb-aad3-
f566ab7fdf8e
SM_V9_ZSR       iris    exon    906883  907217  .       -       .
        Parent=Smp_332860.1;Name=d867e4b3-af39-4dc5-a3bd-
c6ae420577e7
SM_V9_ZSR       iris    CDS     859957  860124  .       -       0
        Parent=Smp_332860.1
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SM_V9_ZSR       iris    CDS     861967  862073  .       -       2
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     862768  862896  .       -       2
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     870300  870377  .       -       2
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     871343  871416  .       -       1
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     871962  872096  .       -       1
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     874550  874609  .       -       1
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     880034  880132  .       -       1
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     885532  885618  .       -       1
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     886857  886988  .       -       1
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     890428  890588  .       -       0
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     904383  904480  .       -       2
        Parent=Smp_332860.1
SM_V9_ZSR       iris    CDS     906883  907192  .       -       0
        Parent=Smp_332860.1
SM_V9_ZSR       iris    mRNA    885180  907217  .       -       .

ID=Smp_332860.2;Parent=Smp_332860;geneID=Smp_332860;gene_name=Smp_33
2860;owner=irisadmin@local.host;date_last_modified=2022-10-06;Name=S
mp_332860.2;product=Rho GTPase-activating protein
1;date_creation=2022-10-05
SM_V9_ZSR       iris    exon    885180  885618  .       -       .
        Parent=Smp_332860.2;Name=Smp_332860.2-CDS
SM_V9_ZSR       iris    exon    886857  886988  .       -       .

Parent=Smp_332860.2;Name=373a0723-6dc8-4b22-92c9-91fbdf8ffd6c
SM_V9_ZSR       iris    exon    890428  890588  .       -       .

Parent=Smp_332860.2;Name=1ad11a1c-3665-4fb4-997d-8195e86c8489
SM_V9_ZSR       iris    exon    904383  904480  .       -       .
        Parent=Smp_332860.2;Name=23ba4205-d4d7-4ab5-
a9f3-08186838470b
SM_V9_ZSR       iris    exon    906883  907217  .       -       .
        Parent=Smp_332860.2;Name=70f7d1aa-
e549-4963-94db-4fff5593f32c
SM_V9_ZSR       iris    CDS     885528  885618  .       -       1
        Parent=Smp_332860.2
SM_V9_ZSR       iris    CDS     886857  886988  .       -       1
        Parent=Smp_332860.2
SM_V9_ZSR       iris    CDS     890428  890588  .       -       0
        Parent=Smp_332860.2
SM_V9_ZSR       iris    CDS     904383  904480  .       -       2
        Parent=Smp_332860.2
SM_V9_ZSR       iris    CDS     906883  907192  .       -       0
        Parent=Smp_332860.2
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SM_V9_ZSR       iris    gene    907261  907690  .       -       .

ID=Smp_350410;geneID=Smp_350410;gene_name=Smp_350410;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    907261  907690  .       -       .

ID=Smp_350410.1;Parent=Smp_350410;geneID=Smp_350410;gene_name=Smp_35
0410;owner=irisadmin@local.host;date_last_modified=2022-10-04;Name=S
mp_350410.1;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    907261  907690  .       -       .
        Parent=Smp_350410.1;Name=Smp_350410.1-CDS
SM_V9_ZSR       iris    CDS     907298  907645  .       -       0
        Parent=Smp_350410.1
SM_V9_ZSR       iris    gene    925815  934161  .       -       .

ID=Smp_093780;geneID=Smp_093780;gene_name=Smp_093780;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    925815  934161  .       -       .

ID=Smp_093780.1;Parent=Smp_093780;geneID=Smp_093780;gene_name=Smp_09
3780;owner=irisadmin@local.host;orig_id=Smp_093780.1;date_last_modif
ied=2022-07-18;Name=Smp_093780.1;product=Peroxiredoxin
1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    925815  926340  .       -       .
        Parent=Smp_093780.1;Name=ce62d758-f5cd-4457-8497-
ae2c213ee529
SM_V9_ZSR       iris    exon    930570  930812  .       -       .
        Parent=Smp_093780.1;Name=72bc772c-2280-4eaa-a1b5-
b5ddada71e48
SM_V9_ZSR       iris    exon    933884  934029  .       -       .

Parent=Smp_093780.1;Name=a409f00c-1d7b-417f-8330-74127d2e2f34
SM_V9_ZSR       iris    exon    934072  934161  .       -       .
        Parent=Smp_093780.1;Name=167ac792-4bc4-4f02-a80c-
b7adf99405c3
SM_V9_ZSR       iris    CDS     926157  926340  .       -       1
        Parent=Smp_093780.1
SM_V9_ZSR       iris    CDS     930570  930812  .       -       1
        Parent=Smp_093780.1
SM_V9_ZSR       iris    CDS     933884  934029  .       -       0
        Parent=Smp_093780.1
SM_V9_ZSR       iris    CDS     934072  934089  .       -       0
        Parent=Smp_093780.1
SM_V9_ZSR       iris    gene    936975  945276  .       +       .

ID=Smp_322080;geneID=Smp_322080;gene_name=Smp_322080;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR       iris    mRNA    936975  945276  .       +       .

ID=Smp_322080.1;Parent=Smp_322080;geneID=Smp_322080;gene_name=Smp_32
2080;owner=irisadmin@local.host;orig_id=Smp_322080.1;date_last_modif
ied=2022-10-01;Name=Smp_322080.1;product=Peroxiredoxin
1;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    936975  937016  .       +       .
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        Parent=Smp_322080.1;Name=9d99a8ee-e589-4488-b9a0-
eef82646cc3f
SM_V9_ZSR       iris    exon    937059  937204  .       +       .
        Parent=Smp_322080.1;Name=457a097a-57a8-4e5d-
ae77-146b89cb0676
SM_V9_ZSR       iris    exon    940276  940518  .       +       .
        Parent=Smp_322080.1;Name=d49c144f-7a6c-43a0-b457-
dc79ceda09fc
SM_V9_ZSR       iris    exon    944748  945276  .       +       .
        Parent=Smp_322080.1;Name=a2e8ad0b-14c0-4934-
b028-5ca7cca9c250
SM_V9_ZSR       iris    CDS     936999  937016  .       +       0
        Parent=Smp_322080.1
SM_V9_ZSR       iris    CDS     937059  937204  .       +       0
        Parent=Smp_322080.1
SM_V9_ZSR       iris    CDS     940276  940518  .       +       1
        Parent=Smp_322080.1
SM_V9_ZSR       iris    CDS     944748  944931  .       +       1
        Parent=Smp_322080.1
SM_V9_ZSR       iris    gene    957065  959971  .       -       .

ID=Smp_093790;geneID=Smp_093790;gene_name=Smp_093790;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    957065  959971  .       -       .

ID=Smp_093790.1;Parent=Smp_093790;geneID=Smp_093790;gene_name=Smp_09
3790;owner=irisadmin@local.host;orig_id=Smp_093790.1;date_last_modif
ied=2022-10-04;Name=Smp_093790.1;product=Dipeptide and tripeptide
permease B;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    957065  957710  .       -       .
        Parent=Smp_093790.1;Name=685448d4-d73b-45d8-9e49-
b6d0ebc01ea6
SM_V9_ZSR       iris    exon    958843  958998  .       -       .
        Parent=Smp_093790.1;Name=5c3c72cb-
c801-4979-9cc9-359b6dc4f966
SM_V9_ZSR       iris    exon    959663  959971  .       -       .
        Parent=Smp_093790.1;Name=b1edcf9c-ddf5-48eb-97ea-
ed217e146209
SM_V9_ZSR       iris    CDS     957577  957710  .       -       2
        Parent=Smp_093790.1
SM_V9_ZSR       iris    CDS     958843  958998  .       -       2
        Parent=Smp_093790.1
SM_V9_ZSR       iris    CDS     959663  959756  .       -       0
        Parent=Smp_093790.1
SM_V9_ZSR       Liftoff gene    1010611 1016639 .       -       .
        ID=Smp_322100;geneID=Smp_322100
SM_V9_ZSR       Liftoff mRNA    1010611 1016639 .       -       .

ID=Smp_322100.1;Parent=Smp_322100;geneID=Smp_322100;product=ATP-
binding cassette sub-family A member 1
SM_V9_ZSR       Liftoff exon    1010611 1011127 .       -       .
        Parent=Smp_322100.1
SM_V9_ZSR       Liftoff exon    1013052 1013213 .       -       .
        Parent=Smp_322100.1
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SM_V9_ZSR       Liftoff exon    1016509 1016639 .       -       .
        Parent=Smp_322100.1
SM_V9_ZSR       Liftoff CDS     1010952 1011127 .       -       2
        Parent=Smp_322100.1
SM_V9_ZSR       Liftoff CDS     1013052 1013213 .       -       2
        Parent=Smp_322100.1
SM_V9_ZSR       Liftoff CDS     1016509 1016608 .       -       0
        Parent=Smp_322100.1
SM_V9_ZSR       iris    gene    1023005 1028399 .       -       .

ID=Smp_105730;geneID=Smp_105730;gene_name=Smp_105730;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    1023005 1028399 .       -       .

ID=Smp_105730.1;Parent=Smp_105730;geneID=Smp_105730;gene_name=Smp_10
5730;owner=irisadmin@local.host;date_last_modified=2022-07-20;Name=S
mp_105730.1;product=Divalent metal cation transporter
MntH;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    1023005 1023224 .       -       .
        Parent=Smp_105730.1;Name=eecd7d67-8291-47c0-
aff0-100186a3ff47
SM_V9_ZSR       iris    exon    1025141 1025299 .       -       .
        Parent=Smp_105730.1;Name=a97d142e-0ed9-4196-
a69e-65c234425a25
SM_V9_ZSR       iris    exon    1028116 1028399 .       -       .
        Parent=Smp_105730.1;Name=c4d3c2ec-8096-4a5a-8a8f-
ebc20c379db9
SM_V9_ZSR       iris    CDS     1023091 1023224 .       -       2
        Parent=Smp_105730.1
SM_V9_ZSR       iris    CDS     1025141 1025299 .       -       2
        Parent=Smp_105730.1
SM_V9_ZSR       iris    CDS     1028116 1028209 .       -       0
        Parent=Smp_105730.1
SM_V9_ZSR       iris    gene    1074615 1090436 .       -       .

ID=Smp_120350;geneID=Smp_120350;gene_name=Smp_120350;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    1074615 1090436 .       -       .

ID=Smp_120350.1;Parent=Smp_120350;geneID=Smp_120350;gene_name=Smp_12
0350;owner=irisadmin@local.host;orig_id=Smp_120350.1;date_last_modif
ied=2022-06-30;Name=Smp_120350.1;product=WD repeat-containing
protein 46;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    1074615 1075028 .       -       .
        Parent=Smp_120350.1;Name=159ecc14-9bc8-40af-
b58a-665255a18c97
SM_V9_ZSR       iris    exon    1081098 1081190 .       -       .

Parent=Smp_120350.1;Name=809cdc20-959f-494f-8188-454787fec347
SM_V9_ZSR       iris    exon    1082968 1083267 .       -       .
        Parent=Smp_120350.1;Name=911da4e5-cd79-44da-9985-
f8519b9b5e7f
SM_V9_ZSR       iris    exon    1088068 1088224 .       -       .
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Parent=Smp_120350.1;Name=f3ac96e4-5dd8-430b-862a-573c63f262d1
SM_V9_ZSR       iris    exon    1089394 1089629 .       -       .
        Parent=Smp_120350.1;Name=e4485645-4446-4ca3-a2ba-
da13e20d365d
SM_V9_ZSR       iris    exon    1089661 1089808 .       -       .
        Parent=Smp_120350.1;Name=d1c4e59e-c3df-4367-8d97-
a5894d71d1c9
SM_V9_ZSR       iris    exon    1089835 1089939 .       -       .
        Parent=Smp_120350.1;Name=8b4e3c81-
b070-4f32-82c7-76f2b8277c92
SM_V9_ZSR       iris    exon    1089976 1090034 .       -       .

Parent=Smp_120350.1;Name=f1f29c71-8c56-4cb2-9212-646449e3d4a7
SM_V9_ZSR       iris    exon    1090073 1090154 .       -       .

Parent=Smp_120350.1;Name=268adab3-5f94-482c-820e-9986cc430431
SM_V9_ZSR       iris    exon    1090188 1090300 .       -       .
        Parent=Smp_120350.1;Name=6132d8a0-1d60-4472-
af15-1302acb60a99
SM_V9_ZSR       iris    exon    1090340 1090436 .       -       .
        Parent=Smp_120350.1;Name=94044497-
e54b-4919-8bed-06d7ca134923
SM_V9_ZSR       iris    CDS     1074723 1075028 .       -       0
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1081098 1081190 .       -       0
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1082968 1083267 .       -       0
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1088068 1088224 .       -       1
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1089394 1089629 .       -       0
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1089661 1089808 .       -       1
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1089835 1089939 .       -       1
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1089976 1090034 .       -       0
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1090073 1090154 .       -       1
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1090188 1090300 .       -       0
        Parent=Smp_120350.1
SM_V9_ZSR       iris    CDS     1090340 1090348 .       -       0
        Parent=Smp_120350.1
SM_V9_ZSR       Liftoff gene    1127310 1162834 .       +       .
        ID=Smp_193800;geneID=Smp_193800
SM_V9_ZSR       Liftoff mRNA    1127310 1162834 .       +       .

ID=Smp_193800.1;Parent=Smp_193800;geneID=Smp_193800;product=Sodium-
dependent dopamine transporter;polypeptide_domain=InterPro:IPR000175
Pfam:PF00209;Ontology_term=GO:0005328,GO:0006836,GO:0016021
SM_V9_ZSR       Liftoff exon    1127310 1127459 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1128279 1128512 .       +       .
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        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1131183 1131314 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1135388 1135643 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1140949 1141087 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1141891 1142025 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1144267 1144370 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1145014 1145138 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1146336 1146448 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1149545 1149685 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1151582 1151681 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1156285 1156385 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1158888 1159127 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff exon    1160883 1162834 .       +       .
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1127318 1127459 .       +       0
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1128279 1128512 .       +       2
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1131183 1131314 .       +       2
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1135388 1135643 .       +       2
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1140949 1141087 .       +       1
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1141891 1142025 .       +       0
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1144267 1144370 .       +       0
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1145014 1145138 .       +       1
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1146336 1146448 .       +       2
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1149545 1149685 .       +       0
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1151582 1151681 .       +       0
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1156285 1156385 .       +       2
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1158888 1159127 .       +       0
        Parent=Smp_193800.1
SM_V9_ZSR       Liftoff CDS     1160883 1161053 .       +       0
        Parent=Smp_193800.1
SM_V9_ZSR       iris    gene    1166716 1171892 .       -       .
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ID=Smp_120320;geneID=Smp_120320;gene_name=Smp_120320;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-11-06;date_crea
tion=2022-06-30
SM_V9_ZSR       iris    mRNA    1166716 1171892 .       -       .

ID=Smp_120320.1;Parent=Smp_120320;geneID=Smp_120320;gene_name=Smp_12
0320;owner=mb4@sanger.ac.uk,irisadmin@local.host;orig_id=Smp_120320.
1;date_last_modified=2022-11-06;Name=Smp_120320.1;product=Splicing
factor 3A subunit 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    1166716 1166918 .       -       .
        Parent=Smp_120320.1;Name=e73a355a-7f31-44d8-ad6d-
c1cc6f6d265c
SM_V9_ZSR       iris    exon    1166921 1168788 .       -       .
        Parent=Smp_120320.1;Name=25a687b0-7b20-43b8-9b10-
b6a917c5b4ac
SM_V9_ZSR       iris    exon    1171835 1171892 .       -       .

Parent=Smp_120320.1;Name=c202886f-529c-4241-83cd-3ed2498aa7c5
SM_V9_ZSR       iris    CDS     1166801 1166918 .       -       1
        Parent=Smp_120320.1
SM_V9_ZSR       iris    CDS     1166921 1168788 .       -       0
        Parent=Smp_120320.1
SM_V9_ZSR       iris    gene    1193190 1220380 .       +       .

ID=Smp_337410;geneID=Smp_337410;gene_name=Smp_337410;owner=mb4@sange
r.ac.uk,irisadmin@local.host,ta13@sanger.ac.uk;Note=DELETE
SPLICEFORM?%0Ain the context of a locus with lots of mapping noise
there is no convincing evidence for this second spliceform.  Only
found two reads supporting it.,Model is truncated due to gap. 3' end
trimmed to splice donor because gene model is missing last exon due
to gap in assembly.  NB W gametologue (Smp_323380) has correct 3'
end.;date_last_modified=2022-10-25;date_creation=2022-06-28
SM_V9_ZSR       iris    mRNA    1193190 1220380 .       +       .

ID=Smp_337410.1;Parent=Smp_337410;geneID=Smp_337410;gene_name=Smp_33
7410;owner=mb4@sanger.ac.uk,irisadmin@local.host;orig_id=Smp_337410.
2;date_last_modified=2022-10-05;Name=Smp_337410.1;product=Tumor
susceptibility gene 101 protein;date_creation=2022-06-28
SM_V9_ZSR       iris    exon    1193190 1193277 .       +       .
        Parent=Smp_337410.1;Name=c31f9786-
e3eb-4b57-99ef-0d4c3437b148
SM_V9_ZSR       iris    exon    1193323 1193407 .       +       .
        Parent=Smp_337410.1;Name=8cd2d6b4-dd7c-4502-bcf4-
f6f331a87da1
SM_V9_ZSR       iris    exon    1193441 1193670 .       +       .
        Parent=Smp_337410.1;Name=4685fa7a-551c-4e76-
ab44-9f76b8ab5550
SM_V9_ZSR       iris    exon    1204300 1204447 .       +       .
        Parent=Smp_337410.1;Name=15bf870e-
fee5-48e0-851e-38a355ee431a
SM_V9_ZSR       iris    exon    1204607 1204864 .       +       .

Parent=Smp_337410.1;Name=176ff2ce-5703-41af-856e-685cea33badf
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SM_V9_ZSR       iris    exon    1217160 1217347 .       +       .
        Parent=Smp_337410.1;Name=5a49a417-
fa51-4c77-9770-35c18534c5d4
SM_V9_ZSR       iris    exon    1220083 1220380 .       +       .

Parent=Smp_337410.1;Name=d0e65018-1c5f-4746-9df1-6163dc57b9ec
SM_V9_ZSR       iris    CDS     1193236 1193277 .       +       0
        Parent=Smp_337410.1
SM_V9_ZSR       iris    CDS     1193323 1193407 .       +       0
        Parent=Smp_337410.1
SM_V9_ZSR       iris    CDS     1193441 1193670 .       +       2
        Parent=Smp_337410.1
SM_V9_ZSR       iris    CDS     1204300 1204447 .       +       0
        Parent=Smp_337410.1
SM_V9_ZSR       iris    CDS     1204607 1204864 .       +       2
        Parent=Smp_337410.1
SM_V9_ZSR       iris    CDS     1217160 1217347 .       +       2
        Parent=Smp_337410.1
SM_V9_ZSR       iris    CDS     1220083 1220346 .       +       0
        Parent=Smp_337410.1
SM_V9_ZSR       iris    gene    1361370 1367421 .       -       .

ID=Smp_174300;geneID=Smp_174300;gene_name=Smp_174300;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-10-31;date_crea
tion=2022-10-04
SM_V9_ZSR       iris    mRNA    1361370 1367421 .       -       .

ID=Smp_174300.1;Parent=Smp_174300;geneID=Smp_174300;gene_name=Smp_17
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1;date_last_modified=2022-10-31;Name=Smp_174300.1;product=Myoneurin;
date_creation=2022-10-04
SM_V9_ZSR       iris    exon    1361370 1364312 .       -       .

Parent=Smp_174300.1;Name=092e5d45-0947-4831-9cf6-940e0b68e6b3
SM_V9_ZSR       iris    exon    1366974 1367222 .       -       .
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d7503e735ff9
SM_V9_ZSR       iris    exon    1367260 1367421 .       -       .

Parent=Smp_174300.1;Name=e5b70448-9687-42ba-853c-475b765f2700
SM_V9_ZSR       iris    CDS     1362543 1364312 .       -       0
        Parent=Smp_174300.1
SM_V9_ZSR       iris    CDS     1366974 1367222 .       -       0
        Parent=Smp_174300.1
SM_V9_ZSR       iris    CDS     1367260 1367346 .       -       0
        Parent=Smp_174300.1
SM_V9_ZSR       iris    gene    1378242 1484397 .       -       .

ID=Smp_304090;geneID=Smp_304090;gene_name=Smp_304090;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    1378242 1484397 .       -       .

ID=Smp_304090.1;Parent=Smp_304090;geneID=Smp_304090;gene_name=Smp_30
4090;owner=irisadmin@local.host;orig_id=Smp_304090.1;date_last_modif
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ied=2022-07-17;Name=Smp_304090.1;product=Afadin;date_creation=2022-0
7-17
SM_V9_ZSR       iris    exon    1378242 1378824 .       -       .
        Parent=Smp_304090.1;Name=939d7f28-63ab-4136-a22a-
da61dcabf036
SM_V9_ZSR       iris    exon    1381165 1381422 .       -       .
        Parent=Smp_304090.1;Name=91e8956f-7a60-466c-922e-
f60088fed2c5
SM_V9_ZSR       iris    exon    1387043 1387278 .       -       .

Parent=Smp_304090.1;Name=ba274a26-6ae6-475f-9743-2ce16259ab6e
SM_V9_ZSR       iris    exon    1389200 1389458 .       -       .

Parent=Smp_304090.1;Name=5a0f1e3e-8957-420e-9aaa-45dc4fd68022
SM_V9_ZSR       iris    exon    1393448 1393521 .       -       .

Parent=Smp_304090.1;Name=70d70d6c-5ef4-4b7c-8283-2fc010c95b45
SM_V9_ZSR       iris    exon    1394316 1394605 .       -       .
        Parent=Smp_304090.1;Name=ba3286b5-1728-4a92-
b5e0-07f9b3b00014
SM_V9_ZSR       iris    exon    1400222 1400564 .       -       .
        Parent=Smp_304090.1;Name=7be42e8a-05cf-4846-
beb6-9cbc63bbb3d9
SM_V9_ZSR       iris    exon    1403214 1403717 .       -       .

Parent=Smp_304090.1;Name=bac8608e-4095-4173-9851-449beb0067a9
SM_V9_ZSR       iris    exon    1405884 1406075 .       -       .
        Parent=Smp_304090.1;Name=73e97743-0e57-46c7-
b7cf-95f55fae4678
SM_V9_ZSR       iris    exon    1408210 1408827 .       -       .
        Parent=Smp_304090.1;Name=6fd9fcc9-aea5-418d-9ba7-
d6da6795af70
SM_V9_ZSR       iris    exon    1413782 1414039 .       -       .
        Parent=Smp_304090.1;Name=70df7dce-9de0-45fd-9e59-
a7e2b1febdaf
SM_V9_ZSR       iris    exon    1417684 1417980 .       -       .
        Parent=Smp_304090.1;Name=d838b771-787d-4050-afb1-
ed0917e14b1b
SM_V9_ZSR       iris    exon    1422563 1422991 .       -       .
        Parent=Smp_304090.1;Name=238fec9f-715a-4f09-8d55-
c60eabc59ab0
SM_V9_ZSR       iris    exon    1428362 1428679 .       -       .
        Parent=Smp_304090.1;Name=b2d56292-debf-4970-9a09-
ef78cbb1115d
SM_V9_ZSR       iris    exon    1429736 1430142 .       -       .
        Parent=Smp_304090.1;Name=6be8e2a0-699c-42d6-
a83c-1f548e4e04de
SM_V9_ZSR       iris    exon    1431665 1431995 .       -       .
        Parent=Smp_304090.1;Name=9a4f80ce-25e2-4a46-
aaeb-9a1ef34c773b
SM_V9_ZSR       iris    exon    1451248 1451547 .       -       .

Parent=Smp_304090.1;Name=58de734a-287b-4e57-98e5-5ac357bb3e77
SM_V9_ZSR       iris    exon    1466617 1466951 .       -       .
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SM_V9_ZSR       iris    exon    1476549 1476661 .       -       .
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SM_V9_ZSR       iris    exon    1484219 1484397 .       -       .
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SM_V9_ZSR       iris    CDS     1393448 1393521 .       -       0
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SM_V9_ZSR       iris    CDS     1394316 1394605 .       -       2
        Parent=Smp_304090.1
SM_V9_ZSR       iris    CDS     1400222 1400564 .       -       0
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SM_V9_ZSR       iris    CDS     1405884 1406075 .       -       0
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SM_V9_ZSR       iris    CDS     1408210 1408827 .       -       0
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SM_V9_ZSR       iris    CDS     1413782 1414039 .       -       0
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SM_V9_ZSR       iris    CDS     1417684 1417980 .       -       0
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SM_V9_ZSR       iris    CDS     1422563 1422991 .       -       0
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SM_V9_ZSR       iris    CDS     1428362 1428679 .       -       0
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SM_V9_ZSR       iris    CDS     1429736 1430142 .       -       2
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SM_V9_ZSR       iris    CDS     1431665 1431995 .       -       0
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SM_V9_ZSR       iris    CDS     1451248 1451547 .       -       0
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SM_V9_ZSR       iris    CDS     1466617 1466951 .       -       2
        Parent=Smp_304090.1
SM_V9_ZSR       iris    CDS     1475352 1475820 .       -       0
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SM_V9_ZSR       iris    CDS     1476549 1476661 .       -       2
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SM_V9_ZSR       iris    CDS     1484219 1484317 .       -       0
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SM_V9_ZSR       iris    mRNA    1378242 1484397 .       -       .

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SM_V9_ZSR       iris    exon    1429736 1430142 .       -       .
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SM_V9_ZSR       iris    exon    1431665 1431995 .       -       .
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SM_V9_ZSR       iris    CDS     1393448 1393521 .       -       0
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SM_V9_ZSR       iris    CDS     1394316 1394605 .       -       2
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SM_V9_ZSR       iris    CDS     1400222 1400564 .       -       0
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SM_V9_ZSR       iris    CDS     1403214 1403717 .       -       0
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SM_V9_ZSR       iris    CDS     1408210 1408827 .       -       0
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1;date_last_modified=2022-10-31;Name=Smp_316910.1;date_creation=2022
-10-17
SM_V9_ZSR       iris    exon    1579230 1579381 .       +       .
        Parent=Smp_316910.1;Name=6158f5ed-
cecd-4a40-8121-725a16fe1621
SM_V9_ZSR       iris    exon    1583667 1583941 .       +       .
        Parent=Smp_316910.1;Name=792e9362-caf0-4751-
bb3a-14c3c64eb4b6
SM_V9_ZSR       iris    CDS     1579264 1579381 .       +       0
        Parent=Smp_316910.1
SM_V9_ZSR       iris    CDS     1583667 1583890 .       +       2
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        Parent=Smp_316910.1
SM_V9_ZSR       iris    gene    1622061 1643705 .       +       .

ID=Smp_169140;geneID=Smp_169140;gene_name=Smp_169140;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    1622061 1643705 .       +       .

ID=Smp_169140.1;Parent=Smp_169140;geneID=Smp_169140;gene_name=Smp_16
9140;owner=irisadmin@local.host;orig_id=Smp_169140.1;date_last_modif
ied=2022-10-04;Name=Smp_169140.1;product=Chromatin assembly factor 1
subunit A-A;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    1622061 1622137 .       +       .

Parent=Smp_169140.1;Name=e29ac9f0-2000-4be5-88c1-341b4285c35a
SM_V9_ZSR       iris    exon    1624925 1625050 .       +       .
        Parent=Smp_169140.1;Name=550dee63-7dbd-4d89-
b527-1f7ad7e43ae8
SM_V9_ZSR       iris    exon    1625087 1625217 .       +       .
        Parent=Smp_169140.1;Name=e66b6528-b168-49c6-bdd1-
a815fddd9e56
SM_V9_ZSR       iris    exon    1625290 1625428 .       +       .
        Parent=Smp_169140.1;Name=e5218c0a-d511-4278-
b186-7f494cce4067
SM_V9_ZSR       iris    exon    1625468 1625739 .       +       .
        Parent=Smp_169140.1;Name=4a11f60d-edbc-400b-899a-
b51c58b783e4
SM_V9_ZSR       iris    exon    1630679 1630970 .       +       .
        Parent=Smp_169140.1;Name=66e07788-adc7-45c1-ba4c-
e6a143dbc190
SM_V9_ZSR       iris    exon    1635626 1636060 .       +       .
        Parent=Smp_169140.1;Name=fac89a19-c3ef-47e5-95f5-
e7cfe21716e8
SM_V9_ZSR       iris    exon    1637790 1637892 .       +       .
        Parent=Smp_169140.1;Name=607a1f9e-0e58-4b5c-86ee-
ddab9904f6c2
SM_V9_ZSR       iris    exon    1639704 1639980 .       +       .
        Parent=Smp_169140.1;Name=ba538703-cb42-4933-
baba-70e690011647
SM_V9_ZSR       iris    exon    1642403 1643705 .       +       .
        Parent=Smp_169140.1;Name=a8501396-06b8-4050-ac3e-
cac8dcad4f95
SM_V9_ZSR       iris    CDS     1622120 1622137 .       +       0
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1624925 1625050 .       +       0
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1625087 1625217 .       +       0
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1625290 1625428 .       +       1
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1625468 1625739 .       +       0
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1630679 1630970 .       +       1
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1635626 1636060 .       +       0
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        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1637790 1637892 .       +       0
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1639704 1639980 .       +       2
        Parent=Smp_169140.1
SM_V9_ZSR       iris    CDS     1642403 1643171 .       +       1
        Parent=Smp_169140.1
SM_V9_ZSR       iris    gene    1646762 1829795 .       -       .

ID=Smp_169150;geneID=Smp_169150;gene_name=Smp_169150;owner=irisadmin
@local.host;date_last_modified=2022-10-03;date_creation=2022-10-03
SM_V9_ZSR       iris    mRNA    1646762 1786387 .       -       .

ID=Smp_169150.1;Parent=Smp_169150;geneID=Smp_169150;gene_name=Smp_16
9150;owner=irisadmin@local.host;orig_id=Smp_169150.1;date_last_modif
ied=2022-10-03;Name=Smp_169150.1;product=Short transient receptor
potential channel 3;date_creation=2022-10-03
SM_V9_ZSR       iris    exon    1646762 1647283 .       -       .
        Parent=Smp_169150.1;Name=b249c090-2d5d-454c-
b6af-72fafc857ed4
SM_V9_ZSR       iris    exon    1648964 1649101 .       -       .
        Parent=Smp_169150.1;Name=c46263d5-f65b-4c59-810e-
e9341318cdad
SM_V9_ZSR       iris    exon    1650935 1651236 .       -       .
        Parent=Smp_169150.1;Name=ce30fc5e-845d-48de-
bbe1-3e92867cfa3d
SM_V9_ZSR       iris    exon    1660709 1660813 .       -       .
        Parent=Smp_169150.1;Name=0deef595-a839-4909-
b0e5-534748c35609
SM_V9_ZSR       iris    exon    1673874 1673997 .       -       .

Parent=Smp_169150.1;Name=471a6dc5-4402-4770-836f-1961ad688372
SM_V9_ZSR       iris    exon    1684144 1684344 .       -       .
        Parent=Smp_169150.1;Name=1f653464-615d-4198-
b099-75f352dc81bb
SM_V9_ZSR       iris    exon    1697725 1697891 .       -       .

Parent=Smp_169150.1;Name=9ed030c2-50f4-455e-94f7-1098e6c4a4bf
SM_V9_ZSR       iris    exon    1698897 1698976 .       -       .
        Parent=Smp_169150.1;Name=5474d4c1-0fa6-4d81-ab89-
e7f41e67f957
SM_V9_ZSR       iris    exon    1706470 1706594 .       -       .
        Parent=Smp_169150.1;Name=c71930fe-cf24-4ee8-8291-
cb3494028736
SM_V9_ZSR       iris    exon    1712122 1712306 .       -       .
        Parent=Smp_169150.1;Name=50a1fcbd-cc65-483f-
a372-1525dece83bf
SM_V9_ZSR       iris    exon    1712857 1713138 .       -       .
        Parent=Smp_169150.1;Name=49c4aee6-9d69-4308-
b283-831065d86362
SM_V9_ZSR       iris    exon    1715475 1715718 .       -       .
        Parent=Smp_169150.1;Name=95546c94-a958-4cc1-
b481-40c512e74a2d
SM_V9_ZSR       iris    exon    1716442 1716609 .       -       .
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        Parent=Smp_169150.1;Name=8aa31238-
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SM_V9_ZSR       iris    exon    1725719 1725892 .       -       .
        Parent=Smp_169150.1;Name=c4bf2fcc-0d95-4da2-8c37-
e9a18a944e6a
SM_V9_ZSR       iris    exon    1744978 1745634 .       -       .
        Parent=Smp_169150.1;Name=775d6569-f699-43a9-
b57e-789ed41ca044
SM_V9_ZSR       iris    exon    1758593 1758695 .       -       .
        Parent=Smp_169150.1;Name=d35b5921-327c-44de-
a9b2-0dabbbcb5a9b
SM_V9_ZSR       iris    exon    1785723 1786387 .       -       .
        Parent=Smp_169150.1;Name=fb99687d-78c0-409f-
a8ff-41f9cb66529a
SM_V9_ZSR       iris    CDS     1647110 1647283 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1648964 1649101 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1650935 1651236 .       -       2
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1660709 1660813 .       -       2
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1673874 1673997 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1684144 1684344 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1697725 1697891 .       -       2
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1698897 1698976 .       -       1
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1706470 1706594 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1712122 1712306 .       -       2
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1712857 1713138 .       -       2
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1715475 1715718 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1716442 1716609 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1725719 1725892 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1744978 1745634 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1758593 1758695 .       -       1
        Parent=Smp_169150.1
SM_V9_ZSR       iris    CDS     1785723 1785937 .       -       0
        Parent=Smp_169150.1
SM_V9_ZSR       iris    mRNA    1646762 1829795 .       -       .

ID=Smp_169150.2;Parent=Smp_169150;geneID=Smp_169150;gene_name=Smp_16
9150;owner=irisadmin@local.host;date_last_modified=2022-10-03;Name=S
mp_169150.2;product=Short transient receptor potential channel
7;date_creation=2022-10-03
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SM_V9_ZSR       iris    exon    1646762 1647283 .       -       .
        Parent=Smp_169150.2;Name=92feb072-760a-4cbe-b9c0-
bef6306a2fe5
SM_V9_ZSR       iris    exon    1648964 1649101 .       -       .

Parent=Smp_169150.2;Name=3e1ed9d4-67f6-4093-82aa-7c5035a0d3d6
SM_V9_ZSR       iris    exon    1650935 1651236 .       -       .
        Parent=Smp_169150.2;Name=bd686d21-9f8d-4fa3-
acb0-9cd428dd1a48
SM_V9_ZSR       iris    exon    1660709 1660813 .       -       .
        Parent=Smp_169150.2;Name=4aaaabaf-87c3-4473-ad09-
d92185d236bf
SM_V9_ZSR       iris    exon    1673874 1673997 .       -       .
        Parent=Smp_169150.2;Name=109c1398-f9bf-4664-b325-
b1bd9bbd31bc
SM_V9_ZSR       iris    exon    1684144 1684344 .       -       .
        Parent=Smp_169150.2;Name=a75a7580-4cb2-4392-
a8ba-56511cfbac2c
SM_V9_ZSR       iris    exon    1697725 1697891 .       -       .
        Parent=Smp_169150.2;Name=09eb6813-9cbc-4f67-
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SM_V9_ZSR       iris    exon    1698897 1698976 .       -       .
        Parent=Smp_169150.2;Name=c504d021-58de-4a57-b646-
cfb16425ab70
SM_V9_ZSR       iris    exon    1706470 1706594 .       -       .
        Parent=Smp_169150.2;Name=a44bb657-58ef-427c-
af57-0d2655de8865
SM_V9_ZSR       iris    exon    1712122 1712306 .       -       .
        Parent=Smp_169150.2;Name=2ed8ceb9-
b9a2-4bd5-9f28-5e884fde2063
SM_V9_ZSR       iris    exon    1712857 1713138 .       -       .
        Parent=Smp_169150.2;Name=54dd0481-b4d0-4d97-803e-
f6ba5bd062e5
SM_V9_ZSR       iris    exon    1715475 1715718 .       -       .
        Parent=Smp_169150.2;Name=998b237a-dcb2-4f2a-b876-
d9da59bfb77a
SM_V9_ZSR       iris    exon    1716442 1716609 .       -       .

Parent=Smp_169150.2;Name=3489bf2c-390d-4655-91a4-246392fea024
SM_V9_ZSR       iris    exon    1725719 1725892 .       -       .
        Parent=Smp_169150.2;Name=bc243a03-45d0-4176-
b0c2-19745803080d
SM_V9_ZSR       iris    exon    1744978 1745634 .       -       .

Parent=Smp_169150.2;Name=b5b36237-183f-4995-9a95-3ca22d8eae4f
SM_V9_ZSR       iris    exon    1758593 1758695 .       -       .
        Parent=Smp_169150.2;Name=31fc0d15-6709-4ba1-
bdf3-0580b8f570a8
SM_V9_ZSR       iris    exon    1829305 1829795 .       -       .
        Parent=Smp_169150.2;Name=f37325ad-0c5d-4373-
a2e3-429eb5366b4d
SM_V9_ZSR       iris    CDS     1647110 1647283 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1648964 1649101 .       -       0
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        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1650935 1651236 .       -       2
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1660709 1660813 .       -       2
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1673874 1673997 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1684144 1684344 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1697725 1697891 .       -       2
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1698897 1698976 .       -       1
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1706470 1706594 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1712122 1712306 .       -       2
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1712857 1713138 .       -       2
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1715475 1715718 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1716442 1716609 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1725719 1725892 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1744978 1745634 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1758593 1758695 .       -       1
        Parent=Smp_169150.2
SM_V9_ZSR       iris    CDS     1829305 1829420 .       -       0
        Parent=Smp_169150.2
SM_V9_ZSR       Liftoff gene    1886921 1920935 .       +       .

ID=Smp_345900;geneID=Smp_345900;previous_systematic_id=Smp_169540
SM_V9_ZSR       Liftoff mRNA    1886921 1920935 .       +       .

ID=Smp_345900.1;Parent=Smp_345900;geneID=Smp_345900;product=Epitheli
al splicing regulatory protein
1;polypeptide_domain=InterPro:IPR000504,IPR012337
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    1886921 1887736 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1890691 1891002 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1892323 1892686 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1894603 1894932 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1903151 1903205 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1905243 1905529 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1907309 1907412 .       +       .
        Parent=Smp_345900.1
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SM_V9_ZSR       Liftoff exon    1911893 1912102 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1913233 1914372 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1916256 1916778 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1918399 1918829 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff exon    1920502 1920935 .       +       .
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1887293 1887736 .       +       0
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1890691 1891002 .       +       0
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1892323 1892686 .       +       0
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1894603 1894932 .       +       2
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1903151 1903205 .       +       2
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1905243 1905529 .       +       1
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1907309 1907412 .       +       2
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1911893 1912102 .       +       0
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1913233 1914372 .       +       0
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1916256 1916778 .       +       0
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1918399 1918829 .       +       2
        Parent=Smp_345900.1
SM_V9_ZSR       Liftoff CDS     1920502 1920660 .       +       0
        Parent=Smp_345900.1
SM_V9_ZSR       iris    gene    1923765 1956377 .       -       .

ID=Smp_169550;geneID=Smp_169550;gene_name=Smp_169550;owner=irisadmin
@local.host;date_last_modified=2022-10-25;date_creation=2022-10-25
SM_V9_ZSR       iris    mRNA    1923765 1956377 .       -       .

ID=Smp_169550.1;Parent=Smp_169550;geneID=Smp_169550;gene_name=Smp_16
9550;owner=irisadmin@local.host;orig_id=Smp_169550.1;date_last_modif
ied=2022-10-25;Name=Smp_169550.1;product=Lysine-specific histone
demethylase 1B;date_creation=2022-10-25
SM_V9_ZSR       iris    exon    1923765 1924950 .       -       .
        Parent=Smp_169550.1;Name=b3a09827-ee4d-48bf-9680-
a807c950f8d1
SM_V9_ZSR       iris    exon    1926385 1926831 .       -       .
        Parent=Smp_169550.1;Name=5b5588f1-83c1-41c0-97dd-
d0f99fa066d7
SM_V9_ZSR       iris    exon    1929301 1929732 .       -       .
        Parent=Smp_169550.1;Name=2337a5d0-
c9de-4725-94d0-6bdbd0aea370
SM_V9_ZSR       iris    exon    1932585 1933223 .       -       .
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        Parent=Smp_169550.1;Name=61ee7ed4-25f0-48ce-
bb8e-4ac0b9401c6b
SM_V9_ZSR       iris    exon    1934349 1934410 .       -       .
        Parent=Smp_169550.1;Name=426e6bf9-
f9fb-4d17-967b-32098e3562f8
SM_V9_ZSR       iris    exon    1936172 1936529 .       -       .

Parent=Smp_169550.1;Name=112e182d-80fd-46ca-9481-18bed4485955
SM_V9_ZSR       iris    exon    1938205 1938321 .       -       .
        Parent=Smp_169550.1;Name=794fd272-2696-4c98-b51a-
ca09b60811a4
SM_V9_ZSR       iris    exon    1941294 1941770 .       -       .
        Parent=Smp_169550.1;Name=c9207a2d-
da4d-4236-837e-5c561a1ebc72
SM_V9_ZSR       iris    exon    1943306 1943479 .       -       .

Parent=Smp_169550.1;Name=0e83c394-3569-4261-8ca8-9831e9b5d000
SM_V9_ZSR       iris    exon    1945800 1945863 .       -       .
        Parent=Smp_169550.1;Name=561b638e-8dd4-459e-
bc9f-59c01c851e04
SM_V9_ZSR       iris    exon    1946801 1946900 .       -       .
        Parent=Smp_169550.1;Name=41773d85-df98-431d-
b174-7f98d6aa8837
SM_V9_ZSR       iris    exon    1948702 1948870 .       -       .
        Parent=Smp_169550.1;Name=9f72d6e9-6fbd-457a-
b350-3f74e887f374
SM_V9_ZSR       iris    exon    1954411 1954446 .       -       .
        Parent=Smp_169550.1;Name=21bca20a-70d8-4a15-
a9ac-3c3f002d8af9
SM_V9_ZSR       iris    exon    1955120 1955381 .       -       .
        Parent=Smp_169550.1;Name=46f6105c-93a2-4db6-ab33-
d266e9f9650d
SM_V9_ZSR       iris    exon    1956109 1956201 .       -       .
        Parent=Smp_169550.1;Name=943baa59-4502-45d5-
a1c7-4c5b5d3e3a56
SM_V9_ZSR       iris    exon    1956237 1956377 .       -       .
        Parent=Smp_169550.1;Name=195f03a6-
e645-4071-876b-4b80d10fd777
SM_V9_ZSR       iris    CDS     1924558 1924950 .       -       0
        Parent=Smp_169550.1
SM_V9_ZSR       iris    CDS     1926385 1926831 .       -       0
        Parent=Smp_169550.1
SM_V9_ZSR       iris    CDS     1929301 1929732 .       -       0
        Parent=Smp_169550.1
SM_V9_ZSR       iris    CDS     1932585 1933223 .       -       0
        Parent=Smp_169550.1
SM_V9_ZSR       iris    CDS     1934349 1934410 .       -       2
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SM_V9_ZSR       iris    CDS     1936172 1936529 .       -       0
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SM_V9_ZSR       iris    CDS     1938205 1938321 .       -       0
        Parent=Smp_169550.1
SM_V9_ZSR       iris    CDS     1941294 1941770 .       -       0
        Parent=Smp_169550.1
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SM_V9_ZSR       iris    CDS     1943306 1943479 .       -       0
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SM_V9_ZSR       iris    CDS     1955120 1955381 .       -       1
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SM_V9_ZSR       iris    CDS     1956109 1956201 .       -       1
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SM_V9_ZSR       iris    CDS     1956237 1956343 .       -       0
        Parent=Smp_169550.1
SM_V9_ZSR       iris    gene    1964734 2049707 .       +       .

ID=Smp_242530;geneID=Smp_242530;gene_name=Smp_242530;owner=irisadmin
@local.host;date_last_modified=2022-10-25;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    1964734 2049707 .       +       .

ID=Smp_242530.2;Parent=Smp_242530;geneID=Smp_242530;gene_name=Smp_24
2530;owner=irisadmin@local.host;date_last_modified=2022-10-25;Name=S
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1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    1964734 1964858 .       +       .

Parent=Smp_242530.2;Name=4e14e895-4361-4974-9863-01397571764e
SM_V9_ZSR       iris    exon    1983977 1984137 .       +       .
        Parent=Smp_242530.2;Name=72259954-0f5a-448e-a959-
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SM_V9_ZSR       iris    exon    1989395 1989539 .       +       .
        Parent=Smp_242530.2;Name=a680602c-9e17-4373-956a-
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SM_V9_ZSR       iris    exon    1990118 1990278 .       +       .
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SM_V9_ZSR       iris    exon    1992912 1993020 .       +       .
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SM_V9_ZSR       iris    exon    1993331 1993473 .       +       .
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SM_V9_ZSR       iris    exon    1995584 1995686 .       +       .
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SM_V9_ZSR       iris    exon    1998350 1998630 .       +       .

Parent=Smp_242530.2;Name=8367f9b1-5db1-4cde-92a6-108888085983
SM_V9_ZSR       iris    exon    2000107 2000302 .       +       .
        Parent=Smp_242530.2;Name=3b95f201-
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SM_V9_ZSR       iris    exon    2004608 2004877 .       +       .
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SM_V9_ZSR       iris    exon    2007738 2007913 .       +       .
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SM_V9_ZSR       iris    exon    2009404 2009557 .       +       .
        Parent=Smp_242530.2;Name=0ed51dc0-0ed2-4dd5-
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SM_V9_ZSR       iris    exon    2010806 2010981 .       +       .
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SM_V9_ZSR       iris    exon    2012191 2012299 .       +       .
        Parent=Smp_242530.2;Name=d4dd12b8-
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SM_V9_ZSR       iris    exon    2013460 2013602 .       +       .

Parent=Smp_242530.2;Name=9accbe4a-7597-4c5e-8e3d-12e90458f9c9
SM_V9_ZSR       iris    exon    2014541 2014637 .       +       .
        Parent=Smp_242530.2;Name=755689d7-8795-45f8-af39-
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SM_V9_ZSR       iris    exon    2018096 2018454 .       +       .

Parent=Smp_242530.2;Name=670d886c-5b99-408f-8113-1346e5b140f9
SM_V9_ZSR       iris    exon    2018587 2018806 .       +       .
        Parent=Smp_242530.2;Name=482d81f5-07dc-47c7-
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SM_V9_ZSR       iris    exon    2024821 2025105 .       +       .
        Parent=Smp_242530.2;Name=13a939fb-c22a-492e-9306-
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SM_V9_ZSR       iris    exon    2026744 2027016 .       +       .
        Parent=Smp_242530.2;Name=9c4fb37c-7c60-4d79-
be05-291a304da268
SM_V9_ZSR       iris    exon    2028373 2028581 .       +       .
        Parent=Smp_242530.2;Name=25e2e0bf-5c9c-4a5e-a9b5-
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SM_V9_ZSR       iris    exon    2029454 2029628 .       +       .
        Parent=Smp_242530.2;Name=70a0246e-4baf-4fc5-a27a-
cac315a9d1d8
SM_V9_ZSR       iris    exon    2031150 2031322 .       +       .
        Parent=Smp_242530.2;Name=0c0f4bdb-7c76-458d-8012-
fbce5e6aa297
SM_V9_ZSR       iris    exon    2033668 2033782 .       +       .

Parent=Smp_242530.2;Name=7c69b817-4389-45c7-8851-01570366c32d
SM_V9_ZSR       iris    exon    2036197 2036417 .       +       .
        Parent=Smp_242530.2;Name=c4fee9e6-
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SM_V9_ZSR       iris    exon    2038875 2039168 .       +       .
        Parent=Smp_242530.2;Name=483e10e6-dab2-4512-
bd30-75d6fb23067f
SM_V9_ZSR       iris    exon    2040393 2040590 .       +       .
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        Parent=Smp_242530.2;Name=ce8f7dab-
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SM_V9_ZSR       iris    exon    2042014 2042414 .       +       .
        Parent=Smp_242530.2;Name=60f85122-57e1-4f2e-
ae01-39693cd3ed6f
SM_V9_ZSR       iris    exon    2044580 2044781 .       +       .
        Parent=Smp_242530.2;Name=dec49c5e-2550-4a21-b558-
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SM_V9_ZSR       iris    exon    2048397 2049707 .       +       .
        Parent=Smp_242530.2;Name=de111fa9-
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SM_V9_ZSR       iris    CDS     1964783 1964858 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     1983977 1984137 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     1989395 1989539 .       +       0
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SM_V9_ZSR       iris    CDS     1990118 1990278 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     1992912 1993020 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     1993331 1993473 .       +       2
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SM_V9_ZSR       iris    CDS     1995584 1995686 .       +       0
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SM_V9_ZSR       iris    CDS     1998350 1998630 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2000107 2000302 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2004608 2004877 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2006245 2006499 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2007738 2007913 .       +       2
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SM_V9_ZSR       iris    CDS     2009404 2009557 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2010806 2010981 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2012191 2012299 .       +       0
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SM_V9_ZSR       iris    CDS     2013460 2013602 .       +       2
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SM_V9_ZSR       iris    CDS     2014541 2014637 .       +       0
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SM_V9_ZSR       iris    CDS     2018096 2018454 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2018587 2018806 .       +       0
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SM_V9_ZSR       iris    CDS     2024821 2025105 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2026744 2027016 .       +       2
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SM_V9_ZSR       iris    CDS     2028373 2028581 .       +       2
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SM_V9_ZSR       iris    CDS     2029454 2029628 .       +       0
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SM_V9_ZSR       iris    CDS     2031150 2031322 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2033668 2033782 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2036197 2036417 .       +       2
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2038875 2039168 .       +       0
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SM_V9_ZSR       iris    CDS     2040393 2040590 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2042014 2042414 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2044580 2044781 .       +       1
        Parent=Smp_242530.2
SM_V9_ZSR       iris    CDS     2048397 2048978 .       +       0
        Parent=Smp_242530.2
SM_V9_ZSR       iris    mRNA    1964734 2049707 .       +       .

ID=Smp_242530.3;Parent=Smp_242530;geneID=Smp_242530;gene_name=Smp_24
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mp_242530.3;product=Macrophage mannose receptor
1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    1964734 1964858 .       +       .
        Parent=Smp_242530.3;Name=94ac3378-8759-48d3-
a3a5-1da88607cf32
SM_V9_ZSR       iris    exon    1964893 1965053 .       +       .
        Parent=Smp_242530.3;Name=ba0477be-f943-44ce-a0e0-
e400d7d885a9
SM_V9_ZSR       iris    exon    1989395 1989539 .       +       .
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b3b8-0691152b6d56
SM_V9_ZSR       iris    exon    1990118 1990278 .       +       .
        Parent=Smp_242530.3;Name=18911a0e-
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SM_V9_ZSR       iris    exon    1992912 1993020 .       +       .
        Parent=Smp_242530.3;Name=9c93ac6a-52b7-44db-
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SM_V9_ZSR       iris    exon    1993331 1993473 .       +       .
        Parent=Smp_242530.3;Name=3f6c812d-6fbc-4411-ab40-
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SM_V9_ZSR       iris    exon    1995584 1995686 .       +       .
        Parent=Smp_242530.3;Name=1f0cfcd5-c5b6-4746-a3fd-
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SM_V9_ZSR       iris    exon    1998350 1998630 .       +       .
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SM_V9_ZSR       iris    exon    2000107 2000302 .       +       .
        Parent=Smp_242530.3;Name=ec1eb306-622b-4c9c-
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SM_V9_ZSR       iris    exon    2004608 2004877 .       +       .
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        Parent=Smp_242530.3;Name=1aff8305-149e-40ed-
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SM_V9_ZSR       iris    exon    2009404 2009557 .       +       .
        Parent=Smp_242530.3;Name=a46a1b8e-
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SM_V9_ZSR       iris    exon    2010806 2010981 .       +       .
        Parent=Smp_242530.3;Name=89d851f0-dcd3-41c6-
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SM_V9_ZSR       iris    exon    2012191 2012299 .       +       .

Parent=Smp_242530.3;Name=5d488704-79ae-4837-8298-65be81428aec
SM_V9_ZSR       iris    exon    2013460 2013602 .       +       .
        Parent=Smp_242530.3;Name=c4350af1-0808-4dc0-
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SM_V9_ZSR       iris    exon    2014541 2014637 .       +       .
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SM_V9_ZSR       iris    exon    2018587 2018806 .       +       .
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SM_V9_ZSR       iris    exon    2024821 2025105 .       +       .
        Parent=Smp_242530.3;Name=7d8aa5cc-31a5-41e7-b85d-
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SM_V9_ZSR       iris    exon    2026744 2027016 .       +       .
        Parent=Smp_242530.3;Name=806660bd-2d3b-4237-
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SM_V9_ZSR       iris    exon    2028373 2028581 .       +       .

Parent=Smp_242530.3;Name=45361f62-6414-4cbb-8b8d-822d3604047e
SM_V9_ZSR       iris    exon    2029454 2029628 .       +       .
        Parent=Smp_242530.3;Name=bbee2836-49c4-465b-
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SM_V9_ZSR       iris    exon    2031150 2031322 .       +       .
        Parent=Smp_242530.3;Name=331fe325-
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SM_V9_ZSR       iris    exon    2033668 2033782 .       +       .

Parent=Smp_242530.3;Name=ce894601-7e4a-4e86-92d4-51aba3d5ee82
SM_V9_ZSR       iris    exon    2036197 2036417 .       +       .
        Parent=Smp_242530.3;Name=70b35f78-2de6-4576-b2cd-
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SM_V9_ZSR       iris    exon    2038875 2039168 .       +       .
        Parent=Smp_242530.3;Name=e938505c-
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SM_V9_ZSR       iris    exon    2040393 2040590 .       +       .
        Parent=Smp_242530.3;Name=f7184a44-
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cf58-4cbf-9375-41ce85ef21c4
SM_V9_ZSR       iris    exon    2042014 2042414 .       +       .
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SM_V9_ZSR       iris    exon    2044580 2044781 .       +       .
        Parent=Smp_242530.3;Name=fe8d9fac-b581-4714-b6df-
e536fec563b2
SM_V9_ZSR       iris    exon    2048397 2049707 .       +       .
        Parent=Smp_242530.3;Name=9e1d4bce-
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SM_V9_ZSR       iris    CDS     1964783 1964858 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     1964893 1965053 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     1989395 1989539 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     1990118 1990278 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     1992912 1993020 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     1993331 1993473 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     1995584 1995686 .       +       0
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SM_V9_ZSR       iris    CDS     1998350 1998630 .       +       2
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SM_V9_ZSR       iris    CDS     2000107 2000302 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2004608 2004877 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2006245 2006499 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2007738 2007913 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2009404 2009557 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2010806 2010981 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2012191 2012299 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2013460 2013602 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2014541 2014637 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2018096 2018454 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2018587 2018806 .       +       0
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SM_V9_ZSR       iris    CDS     2024821 2025105 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2026744 2027016 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2028373 2028581 .       +       2
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SM_V9_ZSR       iris    CDS     2029454 2029628 .       +       0
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SM_V9_ZSR       iris    CDS     2031150 2031322 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2033668 2033782 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2036197 2036417 .       +       2
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2038875 2039168 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2040393 2040590 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2042014 2042414 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2044580 2044781 .       +       1
        Parent=Smp_242530.3
SM_V9_ZSR       iris    CDS     2048397 2048978 .       +       0
        Parent=Smp_242530.3
SM_V9_ZSR       Liftoff gene    1974052 1975477 .       -       .
        ID=Smp_322150;geneID=Smp_322150
SM_V9_ZSR       Liftoff mRNA    1974052 1975477 .       -       .

ID=Smp_322150.1;Parent=Smp_322150;geneID=Smp_322150;product=Lysine-
specific histone demethylase 1B
SM_V9_ZSR       Liftoff exon    1974052 1974467 .       -       .
        Parent=Smp_322150.1
SM_V9_ZSR       Liftoff exon    1975195 1975287 .       -       .
        Parent=Smp_322150.1
SM_V9_ZSR       Liftoff exon    1975323 1975477 .       -       .
        Parent=Smp_322150.1
SM_V9_ZSR       Liftoff CDS     1974095 1974467 .       -       1
        Parent=Smp_322150.1
SM_V9_ZSR       Liftoff CDS     1975195 1975287 .       -       1
        Parent=Smp_322150.1
SM_V9_ZSR       Liftoff CDS     1975323 1975429 .       -       0
        Parent=Smp_322150.1
SM_V9_ZSR       iris    mRNA    1983823 2049707 .       +       .

ID=Smp_242530.1;Parent=Smp_242530;geneID=Smp_242530;gene_name=Smp_24
2530;owner=irisadmin@local.host;orig_id=Smp_242530.2;date_last_modif
ied=2022-11-11;Name=Smp_242530.1;product=30 kDa spicule matrix
protein alpha;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    1983823 1983879 .       +       .
        Parent=Smp_242530.1;Name=Smp_242530.1-CDS
SM_V9_ZSR       iris    exon    1983882 1983942 .       +       .
        Parent=Smp_242530.1;Name=b20116ac-a427-4f3c-
a1a8-6804d069f0d4
SM_V9_ZSR       iris    exon    1983977 1984137 .       +       .
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cd3f91c3e5dc
SM_V9_ZSR       iris    exon    1989395 1989539 .       +       .

Parent=Smp_242530.1;Name=26ba4449-75b7-498c-94a8-674429f2d848
SM_V9_ZSR       iris    exon    1990118 1990278 .       +       .
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a319-4f6c-8350-3c7d095585fd
SM_V9_ZSR       iris    exon    1992912 1993020 .       +       .
        Parent=Smp_242530.1;Name=9122e89e-
fa55-4da2-8636-1a8a30eeb713
SM_V9_ZSR       iris    exon    1993331 1993473 .       +       .

Parent=Smp_242530.1;Name=d93280de-035a-4506-9e2f-13e17fdcac08
SM_V9_ZSR       iris    exon    1995584 1995686 .       +       .
        Parent=Smp_242530.1;Name=3b4dd06c-b31b-46a0-8038-
e88c8756edfb
SM_V9_ZSR       iris    exon    1998350 1998630 .       +       .
        Parent=Smp_242530.1;Name=ba1e9b77-ddd1-4c60-909a-
cad72db0e02e
SM_V9_ZSR       iris    exon    2000107 2000302 .       +       .
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df54a04c26de
SM_V9_ZSR       iris    exon    2004608 2004877 .       +       .
        Parent=Smp_242530.1;Name=fe4adc5b-2be7-49fb-b8a5-
bc6a61e2b471
SM_V9_ZSR       iris    exon    2006245 2006499 .       +       .
        Parent=Smp_242530.1;Name=f386b8ef-eb78-45d6-8716-
b9228bafc8b7
SM_V9_ZSR       iris    exon    2007738 2007913 .       +       .
        Parent=Smp_242530.1;Name=c1aad41c-254c-4a72-b35c-
f2fe29e20a58
SM_V9_ZSR       iris    exon    2009404 2009557 .       +       .
        Parent=Smp_242530.1;Name=fcf51372-70fa-4334-adf0-
e97fb275cd41
SM_V9_ZSR       iris    exon    2010806 2010981 .       +       .
        Parent=Smp_242530.1;Name=c3db602d-58e4-42e1-
b952-30c648f7a3e9
SM_V9_ZSR       iris    exon    2012191 2012299 .       +       .
        Parent=Smp_242530.1;Name=851f6283-4cf4-4134-ba16-
df66b8bca523
SM_V9_ZSR       iris    exon    2013460 2013602 .       +       .
        Parent=Smp_242530.1;Name=422328ff-807a-400f-b688-
d8e79ca6fa25
SM_V9_ZSR       iris    exon    2014541 2014637 .       +       .
        Parent=Smp_242530.1;Name=d8af8235-3344-4b06-
bec7-885641cc3de9
SM_V9_ZSR       iris    exon    2018096 2018454 .       +       .
        Parent=Smp_242530.1;Name=8a32e41b-5dd3-4724-b368-
a9033a84824a
SM_V9_ZSR       iris    exon    2018587 2018806 .       +       .
        Parent=Smp_242530.1;Name=d5e580f5-ccb6-4085-a4b0-
c81fe8af36ea
SM_V9_ZSR       iris    exon    2024821 2025105 .       +       .
        Parent=Smp_242530.1;Name=091ace3f-8bb8-40cd-9e9f-
cd896e8939ff
SM_V9_ZSR       iris    exon    2026744 2027016 .       +       .
        Parent=Smp_242530.1;Name=1480a6d3-8f50-4af4-8a67-
d109e55c654e
SM_V9_ZSR       iris    exon    2028373 2028581 .       +       .
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        Parent=Smp_242530.1;Name=33066b7e-fce2-4a2b-b626-
e5eb8b0a6f6d
SM_V9_ZSR       iris    exon    2029454 2029628 .       +       .
        Parent=Smp_242530.1;Name=43f15f08-9909-4e89-89e9-699c55b95da2
SM_V9_ZSR       iris    exon    2031150 2031322 .       +       .
        Parent=Smp_242530.1;Name=a2aa35b0-e829-43a1-9ad4-
b0596ccf1593
SM_V9_ZSR       iris    exon    2033668 2033782 .       +       .
        Parent=Smp_242530.1;Name=76b180bc-119e-479e-
a852-4a07a1b2a975
SM_V9_ZSR       iris    exon    2036197 2036417 .       +       .
        Parent=Smp_242530.1;Name=162f33e5-a5e3-41f8-
aea6-398521f1afdc
SM_V9_ZSR       iris    exon    2038875 2039168 .       +       .
        Parent=Smp_242530.1;Name=1508b381-2240-471f-a672-
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SM_V9_ZSR       iris    exon    2040393 2040590 .       +       .
        Parent=Smp_242530.1;Name=8c0a9ba3-
d073-4e41-94ff-627c6970a359
SM_V9_ZSR       iris    exon    2042014 2042414 .       +       .
        Parent=Smp_242530.1;Name=968dcf68-5b56-4978-af5a-
a798dea44b87
SM_V9_ZSR       iris    exon    2044580 2044781 .       +       .
        Parent=Smp_242530.1;Name=d35d99e1-7423-4312-87bd-
d5e998ef49ad
SM_V9_ZSR       iris    exon    2048397 2049707 .       +       .
        Parent=Smp_242530.1;Name=3a406776-63ed-47de-9f89-
ff981cb956e2
SM_V9_ZSR       iris    CDS     1983868 1983879 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1983882 1983942 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1983977 1984137 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1989395 1989539 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1990118 1990278 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1992912 1993020 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1993331 1993473 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1995584 1995686 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     1998350 1998630 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2000107 2000302 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2004608 2004877 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2006245 2006499 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2007738 2007913 .       +       2
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SM_V9_ZSR       iris    CDS     2009404 2009557 .       +       0
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SM_V9_ZSR       iris    CDS     2010806 2010981 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2012191 2012299 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2013460 2013602 .       +       2
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2014541 2014637 .       +       0
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SM_V9_ZSR       iris    CDS     2018096 2018454 .       +       2
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SM_V9_ZSR       iris    CDS     2018587 2018806 .       +       0
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SM_V9_ZSR       iris    CDS     2024821 2025105 .       +       2
        Parent=Smp_242530.1
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SM_V9_ZSR       iris    CDS     2042014 2042414 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2044580 2044781 .       +       1
        Parent=Smp_242530.1
SM_V9_ZSR       iris    CDS     2048397 2048978 .       +       0
        Parent=Smp_242530.1
SM_V9_ZSR       Liftoff gene    2065491 2081920 .       +       .

ID=Smp_242540;geneID=Smp_242540;previous_systematic_id=Smp_169570
SM_V9_ZSR       Liftoff mRNA    2065491 2081920 .       +       .

ID=Smp_242540.1;Parent=Smp_242540;geneID=Smp_242540;product=Glycerol
-3-phosphate dehydrogenase 1-like
protein;polypeptide_domain=InterPro:IPR006109,IPR006168,IPR008927,IP
R011128,IPR013328,IPR016040
Pfam:PF01210,PF07479;Ontology_term=GO:0004367,GO:0005975,GO:0006072,
GO:0009331,GO:0016491,GO:0016616,GO:0046168,GO:0051287,GO:0055114
SM_V9_ZSR       Liftoff exon    2065491 2065616 .       +       .
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff exon    2065659 2065913 .       +       .
        Parent=Smp_242540.1
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SM_V9_ZSR       Liftoff exon    2071051 2071242 .       +       .
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff exon    2073270 2073462 .       +       .
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff exon    2076433 2076486 .       +       .
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff exon    2078975 2079144 .       +       .
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff exon    2081542 2081920 .       +       .
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff CDS     2065515 2065616 .       +       0
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff CDS     2065659 2065913 .       +       0
        Parent=Smp_242540.1
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SM_V9_ZSR       Liftoff CDS     2073270 2073462 .       +       0
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SM_V9_ZSR       Liftoff CDS     2076433 2076486 .       +       2
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff CDS     2078975 2079144 .       +       2
        Parent=Smp_242540.1
SM_V9_ZSR       Liftoff CDS     2081542 2081676 .       +       0
        Parent=Smp_242540.1
SM_V9_ZSR       iris    gene    2082967 2094560 .       -       .

ID=Smp_169580;geneID=Smp_169580;gene_name=Smp_169580;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    2082967 2094560 .       -       .

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ied=2022-07-18;Name=Smp_169580.1;product=PCNA-interacting
partner;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2082967 2083627 .       -       .
        Parent=Smp_169580.1;Name=f9f901ba-442d-40e3-8195-
c9043902caf8
SM_V9_ZSR       iris    exon    2087287 2087384 .       -       .
        Parent=Smp_169580.1;Name=8e33deb9-a255-47bd-
ade7-17e9310538ad
SM_V9_ZSR       iris    exon    2089200 2089360 .       -       .
        Parent=Smp_169580.1;Name=fcc1b573-4d90-4d3b-
bb87-1a2891806991
SM_V9_ZSR       iris    exon    2090913 2091248 .       -       .

Parent=Smp_169580.1;Name=0063da30-4e25-4c4b-898d-6695c1544ef9
SM_V9_ZSR       iris    exon    2092890 2093297 .       -       .
        Parent=Smp_169580.1;Name=8fffdf40-e7a6-439d-
abc2-51aabd509a7f
SM_V9_ZSR       iris    exon    2093619 2093786 .       -       .
        Parent=Smp_169580.1;Name=76aa5aad-5a45-4224-b4ff-
f052e69df93d
SM_V9_ZSR       iris    exon    2093823 2093948 .       -       .
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Parent=Smp_169580.1;Name=2cf3a423-5dd5-4080-8f0a-51718e22f49f
SM_V9_ZSR       iris    exon    2093992 2094252 .       -       .

Parent=Smp_169580.1;Name=b9be4607-6a90-4876-9374-888499348bfa
SM_V9_ZSR       iris    exon    2094289 2094560 .       -       .
        Parent=Smp_169580.1;Name=e99b12df-3be1-4618-
b290-7bee0e4baaa5
SM_V9_ZSR       iris    CDS     2083434 2083627 .       -       2
        Parent=Smp_169580.1
SM_V9_ZSR       iris    CDS     2087287 2087384 .       -       1
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SM_V9_ZSR       iris    CDS     2089200 2089360 .       -       0
        Parent=Smp_169580.1
SM_V9_ZSR       iris    CDS     2090913 2091248 .       -       0
        Parent=Smp_169580.1
SM_V9_ZSR       iris    CDS     2092890 2093297 .       -       0
        Parent=Smp_169580.1
SM_V9_ZSR       iris    CDS     2093619 2093786 .       -       0
        Parent=Smp_169580.1
SM_V9_ZSR       iris    CDS     2093823 2093948 .       -       0
        Parent=Smp_169580.1
SM_V9_ZSR       iris    CDS     2093992 2094252 .       -       0
        Parent=Smp_169580.1
SM_V9_ZSR       iris    CDS     2094289 2094492 .       -       0
        Parent=Smp_169580.1
SM_V9_ZSR       iris    gene    2111550 2114180 .       +       .

ID=Smp_349440;geneID=Smp_349440;gene_name=Smp_349440;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    2111550 2114180 .       +       .

ID=Smp_349440.1;Parent=Smp_349440;geneID=Smp_349440;gene_name=Smp_34
9440;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349440.1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2111550 2111609 .       +       .
        Parent=Smp_349440.1;Name=Smp_349440.1-CDS
SM_V9_ZSR       iris    exon    2111858 2111943 .       +       .
        Parent=Smp_349440.1;Name=ba500d9a-228d-48ed-
a3e3-770ea20979e2
SM_V9_ZSR       iris    exon    2114152 2114180 .       +       .
        Parent=Smp_349440.1;Name=23b72840-d5ba-4be5-
a4a0-42b0dc4281e8
SM_V9_ZSR       iris    CDS     2111564 2111609 .       +       0
        Parent=Smp_349440.1
SM_V9_ZSR       iris    CDS     2111858 2111931 .       +       2
        Parent=Smp_349440.1
SM_V9_ZSR       iris    gene    2114606 2115209 .       -       .

ID=Smp_349770;geneID=Smp_349770;gene_name=Smp_349770;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    2114606 2115209 .       -       .

ID=Smp_349770.1;Parent=Smp_349770;geneID=Smp_349770;gene_name=Smp_34
9770;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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mp_349770.1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2114606 2114838 .       -       .
        Parent=Smp_349770.1;Name=0d65f915-6fc0-42bb-979c-
a93b72c36060
SM_V9_ZSR       iris    exon    2114866 2115083 .       -       .

Parent=Smp_349770.1;Name=87b44087-6eec-4d75-91ba-6d8fe0936390
SM_V9_ZSR       iris    exon    2115122 2115209 .       -       .
        Parent=Smp_349770.1;Name=0064c3e9-88d2-42bb-8106-
ccf271f45d81
SM_V9_ZSR       iris    CDS     2114866 2115083 .       -       2
        Parent=Smp_349770.1
SM_V9_ZSR       iris    CDS     2115122 2115185 .       -       0
        Parent=Smp_349770.1
SM_V9_ZSR       iris    gene    2137652 2138325 .       +       .

ID=Smp_322160;geneID=Smp_322160;gene_name=Smp_322160;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    2137652 2138325 .       +       .

ID=Smp_322160.1;Parent=Smp_322160;geneID=Smp_322160;gene_name=Smp_32
2160;owner=irisadmin@local.host;orig_id=Smp_322160.1;date_last_modif
ied=2022-07-18;Name=Smp_322160.1;product=Glutamate--tRNA ligase
2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2137652 2137682 .       +       .
        Parent=Smp_322160.1;Name=7ef9c211-6977-4b5c-
ac51-041c569883f6
SM_V9_ZSR       iris    exon    2138272 2138325 .       +       .

Parent=Smp_322160.1;Name=acede2d8-0404-43bf-9717-1e93064ced8b
SM_V9_ZSR       iris    CDS     2138274 2138325 .       +       0
        Parent=Smp_322160.1
SM_V9_ZSR       iris    gene    2141483 2169527 .       -       .

ID=Smp_168310;geneID=Smp_168310;gene_name=Smp_168310;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    2141483 2169527 .       -       .

ID=Smp_168310.1;Parent=Smp_168310;geneID=Smp_168310;gene_name=Smp_16
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ied=2022-07-18;Name=Smp_168310.1;product=Glycerol-3-phosphate
dehydrogenase 1-like protein;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2141483 2143719 .       -       .
        Parent=Smp_168310.1;Name=08ade8e9-856f-46c4-ae90-
c4400b044cdc
SM_V9_ZSR       iris    exon    2145267 2145433 .       -       .
        Parent=Smp_168310.1;Name=4195ca93-c385-4939-
abb9-1ab065555ab2
SM_V9_ZSR       iris    exon    2156329 2156382 .       -       .
        Parent=Smp_168310.1;Name=ddc08d96-809a-4a48-
a3ce-932f52cf070b
SM_V9_ZSR       iris    exon    2160278 2160470 .       -       .
        Parent=Smp_168310.1;Name=2b356385-6d5f-4eef-aa4e-
ab90a43df0e2
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SM_V9_ZSR       iris    exon    2165685 2165876 .       -       .
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b94274bcb3f0
SM_V9_ZSR       iris    exon    2168720 2168974 .       -       .
        Parent=Smp_168310.1;Name=996b69b1-73d6-4cc7-9fad-
b77069045e0a
SM_V9_ZSR       iris    exon    2169016 2169527 .       -       .
        Parent=Smp_168310.1;Name=70761762-f8d7-4c0a-
b8a8-0fb95ae7ae79
SM_V9_ZSR       iris    CDS     2143585 2143719 .       -       0
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SM_V9_ZSR       iris    CDS     2145267 2145433 .       -       2
        Parent=Smp_168310.1
SM_V9_ZSR       iris    CDS     2156329 2156382 .       -       2
        Parent=Smp_168310.1
SM_V9_ZSR       iris    CDS     2160278 2160470 .       -       0
        Parent=Smp_168310.1
SM_V9_ZSR       iris    CDS     2165685 2165876 .       -       0
        Parent=Smp_168310.1
SM_V9_ZSR       iris    CDS     2168720 2168974 .       -       0
        Parent=Smp_168310.1
SM_V9_ZSR       iris    CDS     2169016 2169114 .       -       0
        Parent=Smp_168310.1
SM_V9_ZSR       iris    mRNA    2141483 2169527 .       -       .

ID=Smp_168310.2;Parent=Smp_168310;geneID=Smp_168310;gene_name=Smp_16
8310;owner=irisadmin@local.host;orig_id=Smp_168310.2;date_last_modif
ied=2022-07-18;Name=Smp_168310.2;product=Glycerol-3-phosphate
dehydrogenase 1-like protein;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2141483 2143719 .       -       .
        Parent=Smp_168310.2;Name=71c601a5-1a05-4799-a962-
a460edbf75af
SM_V9_ZSR       iris    exon    2145267 2145433 .       -       .

Parent=Smp_168310.2;Name=1805c9b3-57af-4f65-90a2-351c6de749f4
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b948-4690-8967-00b44798027c
SM_V9_ZSR       iris    exon    2160278 2160470 .       -       .
        Parent=Smp_168310.2;Name=7a2cf618-38d6-4cdd-
a956-416e43c6c7b0
SM_V9_ZSR       iris    exon    2168720 2168974 .       -       .
        Parent=Smp_168310.2;Name=dc06c736-505d-495a-b20b-
bf999641290e
SM_V9_ZSR       iris    exon    2169016 2169527 .       -       .
        Parent=Smp_168310.2;Name=4b5cb872-489f-42c9-
a7d5-1522406f6d0e
SM_V9_ZSR       iris    CDS     2143585 2143719 .       -       0
        Parent=Smp_168310.2
SM_V9_ZSR       iris    CDS     2145267 2145433 .       -       2
        Parent=Smp_168310.2
SM_V9_ZSR       iris    CDS     2156329 2156382 .       -       2
        Parent=Smp_168310.2
SM_V9_ZSR       iris    CDS     2160278 2160470 .       -       0
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        Parent=Smp_168310.2
SM_V9_ZSR       iris    CDS     2168720 2168974 .       -       0
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SM_V9_ZSR       iris    CDS     2169016 2169114 .       -       0
        Parent=Smp_168310.2
SM_V9_ZSR       iris    gene    2182564 2217107 .       +       .

ID=Smp_164820;geneID=Smp_164820;gene_name=Smp_164820;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    2182564 2217107 .       +       .

ID=Smp_164820.1;Parent=Smp_164820;geneID=Smp_164820;gene_name=Smp_16
4820;owner=irisadmin@local.host;orig_id=Smp_164820.1;date_last_modif
ied=2022-06-30;Name=Smp_164820.1;product=Ribulose bisphosphate
carboxylase small chain, chloroplastic;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2182564 2182732 .       +       .

Parent=Smp_164820.1;Name=2a0ee6c9-81a6-4728-8416-6bb7c505ea8a
SM_V9_ZSR       iris    exon    2198232 2198289 .       +       .
        Parent=Smp_164820.1;Name=d81ecac5-6dbe-455c-97bb-
fec41d821070
SM_V9_ZSR       iris    exon    2198322 2198437 .       +       .
        Parent=Smp_164820.1;Name=7e35b91f-d96c-45ff-
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SM_V9_ZSR       iris    exon    2198476 2198536 .       +       .
        Parent=Smp_164820.1;Name=ac1f25a4-63c4-4d5c-ba9f-
e55dc033e5a0
SM_V9_ZSR       iris    exon    2199475 2199526 .       +       .
        Parent=Smp_164820.1;Name=8070032a-2912-4d40-845d-
ce8f9304865b
SM_V9_ZSR       iris    exon    2199585 2199631 .       +       .
        Parent=Smp_164820.1;Name=62925fff-54b7-4f23-a6e4-
f7d10d3c192d
SM_V9_ZSR       iris    exon    2199678 2199743 .       +       .
        Parent=Smp_164820.1;Name=625949b1-96f8-45e7-
b41d-880000f53e4e
SM_V9_ZSR       iris    exon    2200626 2200807 .       +       .

Parent=Smp_164820.1;Name=433729a7-93ea-467c-9cb7-330378446016
SM_V9_ZSR       iris    exon    2204977 2205296 .       +       .
        Parent=Smp_164820.1;Name=9fa5069a-3f57-4985-91f1-
e4847be5d62b
SM_V9_ZSR       iris    exon    2209415 2209799 .       +       .
        Parent=Smp_164820.1;Name=af7cf7b2-
bfec-4be3-8264-83e38f63d5c0
SM_V9_ZSR       iris    exon    2214084 2214186 .       +       .
        Parent=Smp_164820.1;Name=5776e82e-de35-4c71-be37-
a47abaef7444
SM_V9_ZSR       iris    exon    2215735 2215827 .       +       .
        Parent=Smp_164820.1;Name=de498237-
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SM_V9_ZSR       iris    exon    2216957 2217107 .       +       .
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a90f-48d5-8789-8aa62f5ff851
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SM_V9_ZSR       iris    CDS     2198352 2198437 .       +       0
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SM_V9_ZSR       iris    CDS     2198476 2198536 .       +       1
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SM_V9_ZSR       iris    CDS     2199475 2199526 .       +       0
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SM_V9_ZSR       iris    CDS     2199585 2199631 .       +       2
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SM_V9_ZSR       iris    CDS     2199678 2199743 .       +       0
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SM_V9_ZSR       iris    CDS     2200626 2200807 .       +       0
        Parent=Smp_164820.1
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        Parent=Smp_164820.1
SM_V9_ZSR       iris    CDS     2209415 2209799 .       +       2
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SM_V9_ZSR       iris    CDS     2216957 2217010 .       +       0
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SM_V9_ZSR       Liftoff gene    2216753 2278415 .       -       .

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SM_V9_ZSR       Liftoff mRNA    2216753 2278415 .       -       .

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MARCH6;polypeptide_domain=InterPro:IPR011016,IPR013083
Pfam:PF12906;Ontology_term=GO:0008270
SM_V9_ZSR       Liftoff exon    2216753 2217443 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2218426 2218552 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2221956 2222184 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2223285 2223675 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2227755 2228302 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2231430 2231607 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2233823 2233923 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2234679 2234729 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2236620 2236823 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2237791 2237905 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2250069 2250178 .       -       .
        Parent=Smp_304130.1
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SM_V9_ZSR       Liftoff exon    2250270 2250328 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2252989 2253537 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2255365 2255473 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2257756 2258074 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2264122 2264218 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff exon    2278270 2278415 .       -       .
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2217368 2217443 .       -       1
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2218426 2218552 .       -       2
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2221956 2222184 .       -       0
        Parent=Smp_304130.1
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SM_V9_ZSR       Liftoff CDS     2231430 2231607 .       -       1
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2233823 2233923 .       -       0
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2234679 2234729 .       -       0
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2236620 2236823 .       -       0
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2237791 2237905 .       -       1
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2250069 2250178 .       -       0
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2250270 2250328 .       -       2
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2252989 2253537 .       -       2
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2255365 2255473 .       -       0
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2257756 2258074 .       -       1
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2264122 2264218 .       -       2
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff CDS     2278270 2278303 .       -       0
        Parent=Smp_304130.1
SM_V9_ZSR       Liftoff mRNA    2216753 2278415 .       -       .

ID=Smp_304130.2;Parent=Smp_304130;geneID=Smp_304130;product=E3
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MARCH6;polypeptide_domain=InterPro:IPR011016,IPR013083
Pfam:PF12906;Ontology_term=GO:0008270
SM_V9_ZSR       Liftoff exon    2216753 2217443 .       -       .
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SM_V9_ZSR	Liftoff	exon	2218426	2218552	.	-	.
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SM_V9_ZSR	Liftoff	exon	2221956	2222184	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2223285	2223675	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2227755	2228302	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2231430	2231607	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2233823	2233923	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2234679	2234729	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2236620	2236823	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2237791	2237905	.	-	.
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SM_V9_ZSR	Liftoff	exon	2250069	2250178	.	-	.
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SM_V9_ZSR	Liftoff	exon	2250270	2250328	.	-	.
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	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2255365	2255473	.	-	.
	Parent=Smp_304130.2
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SM_V9_ZSR	Liftoff	exon	2264122	2264218	.	-	.
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SM_V9_ZSR	Liftoff	exon	2277565	2277609	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	exon	2278270	2278415	.	-	.
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	CDS	2217368	2217443	.	-	1
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SM_V9_ZSR	Liftoff	CDS	2218426	2218552	.	-	2
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	CDS	2221956	2222184	.	-	0
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	CDS	2223285	2223675	.	-	1
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	CDS	2227755	2228302	.	-	0
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	CDS	2231430	2231607	.	-	1
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SM_V9_ZSR	Liftoff	CDS	2233823	2233923	.	-	0
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SM_V9_ZSR	Liftoff	CDS	2234679	2234729	.	-	0
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	CDS	2236620	2236823	.	-	0
	Parent=Smp_304130.2
SM_V9_ZSR	Liftoff	CDS	2237791	2237905	.	-	1
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        Parent=Smp_304130.2
SM_V9_ZSR       Liftoff CDS     2252989 2253537 .       -       2
        Parent=Smp_304130.2
SM_V9_ZSR       Liftoff CDS     2255365 2255473 .       -       0
        Parent=Smp_304130.2
SM_V9_ZSR       Liftoff CDS     2257756 2258074 .       -       1
        Parent=Smp_304130.2
SM_V9_ZSR       Liftoff CDS     2264122 2264218 .       -       2
        Parent=Smp_304130.2
SM_V9_ZSR       Liftoff CDS     2277565 2277609 .       -       2
        Parent=Smp_304130.2
SM_V9_ZSR       Liftoff CDS     2278270 2278303 .       -       0
        Parent=Smp_304130.2
SM_V9_ZSR       Liftoff gene    2305401 2306437 .       +       .

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SM_V9_ZSR       Liftoff mRNA    2305401 2306437 .       +       .

ID=Smp_212880.1;Parent=Smp_212880;geneID=Smp_212880;product=Proteaso
me subunit beta
type-5;polypeptide_domain=InterPro:IPR000243,IPR001353,IPR016050,IPR
023333,IPR029055
Pfam:PF00227;Ontology_term=GO:0004175,GO:0004298,GO:0005839,GO:00516
03
SM_V9_ZSR       Liftoff exon    2305401 2305590 .       +       .
        Parent=Smp_212880.1
SM_V9_ZSR       Liftoff exon    2305623 2305767 .       +       .
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SM_V9_ZSR       Liftoff exon    2305800 2305911 .       +       .
        Parent=Smp_212880.1
SM_V9_ZSR       Liftoff exon    2305945 2306279 .       +       .
        Parent=Smp_212880.1
SM_V9_ZSR       Liftoff exon    2306319 2306437 .       +       .
        Parent=Smp_212880.1
SM_V9_ZSR       Liftoff CDS     2305471 2305590 .       +       0
        Parent=Smp_212880.1
SM_V9_ZSR       Liftoff CDS     2305623 2305767 .       +       0
        Parent=Smp_212880.1
SM_V9_ZSR       Liftoff CDS     2305800 2305911 .       +       2
        Parent=Smp_212880.1
SM_V9_ZSR       Liftoff CDS     2305945 2306279 .       +       1
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SM_V9_ZSR       Liftoff CDS     2306319 2306401 .       +       2
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SM_V9_ZSR       iris    gene    2306465 2325113 .       +       .

ID=Smp_212890;geneID=Smp_212890;gene_name=Smp_212890;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    2306465 2325113 .       +       .

ID=Smp_212890.1;Parent=Smp_212890;geneID=Smp_212890;gene_name=Smp_21
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2890;owner=irisadmin@local.host;orig_id=Smp_212890.1;date_last_modif
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1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    2306465 2306757 .       +       .
        Parent=Smp_212890.1;Name=c15cea38-65ee-4999-
b6b4-555a57cbc4c1
SM_V9_ZSR       iris    exon    2309664 2309879 .       +       .

Parent=Smp_212890.1;Name=510f65b1-1b0b-404f-979c-94b0c97cb51b
SM_V9_ZSR       iris    exon    2314402 2314694 .       +       .
        Parent=Smp_212890.1;Name=a0566fb4-
c5d9-40de-88a7-52af1158e8a2
SM_V9_ZSR       iris    exon    2319128 2319297 .       +       .
        Parent=Smp_212890.1;Name=aba3a452-3352-450e-
b4d3-5c03c640cf84
SM_V9_ZSR       iris    exon    2320746 2320901 .       +       .
        Parent=Smp_212890.1;Name=c304704f-5844-4394-b5ce-
a38e154def10
SM_V9_ZSR       iris    exon    2324744 2325113 .       +       .
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b9b6-6eff72b6affb
SM_V9_ZSR       iris    CDS     2306693 2306757 .       +       0
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SM_V9_ZSR       iris    CDS     2309664 2309879 .       +       1
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SM_V9_ZSR       iris    CDS     2314402 2314694 .       +       1
        Parent=Smp_212890.1
SM_V9_ZSR       iris    CDS     2319128 2319297 .       +       2
        Parent=Smp_212890.1
SM_V9_ZSR       iris    CDS     2320746 2320901 .       +       0
        Parent=Smp_212890.1
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SM_V9_ZSR       iris    mRNA    2306465 2325113 .       +       .

ID=Smp_212890.2;Parent=Smp_212890;geneID=Smp_212890;gene_name=Smp_21
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SM_V9_ZSR       iris    exon    2306465 2306757 .       +       .
        Parent=Smp_212890.2;Name=f34e4e58-457f-4055-
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SM_V9_ZSR       iris    exon    2309664 2309879 .       +       .
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SM_V9_ZSR       iris    exon    2314402 2314694 .       +       .
        Parent=Smp_212890.2;Name=e19c39d2-
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SM_V9_ZSR       iris    exon    2319128 2319297 .       +       .
        Parent=Smp_212890.2;Name=bb2ef41c-f699-4498-
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SM_V9_ZSR       iris    exon    2320746 2321669 .       +       .
        Parent=Smp_212890.2;Name=dc6ec5d7-ffee-42ab-
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SM_V9_ZSR       iris    exon    2324744 2325113 .       +       .
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SM_V9_ZSR       iris    CDS     2309664 2309879 .       +       1
        Parent=Smp_212890.2
SM_V9_ZSR       iris    CDS     2314402 2314694 .       +       1
        Parent=Smp_212890.2
SM_V9_ZSR       iris    CDS     2319128 2319297 .       +       2
        Parent=Smp_212890.2
SM_V9_ZSR       iris    CDS     2320746 2320910 .       +       0
        Parent=Smp_212890.2
SM_V9_ZSR       Liftoff gene    2325566 2330808 .       +       .
        ID=Smp_164860;geneID=Smp_164860
SM_V9_ZSR       Liftoff mRNA    2325566 2330808 .       +       .

ID=Smp_164860.1;Parent=Smp_164860;geneID=Smp_164860;product=GPALPP
motifs-containing protein 1;polypeptide_domain=InterPro:IPR022226
Pfam:PF12572
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SM_V9_ZSR       Liftoff exon    2328761 2328964 .       +       .
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff exon    2329938 2330024 .       +       .
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff exon    2330099 2330206 .       +       .
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff exon    2330262 2330808 .       +       .
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff CDS     2325800 2326051 .       +       0
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff CDS     2328761 2328964 .       +       0
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff CDS     2329938 2330024 .       +       0
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff CDS     2330099 2330206 .       +       0
        Parent=Smp_164860.1
SM_V9_ZSR       Liftoff CDS     2330262 2330453 .       +       0
        Parent=Smp_164860.1
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ID=Smp_164880;geneID=Smp_164880;gene_name=Smp_164880;owner=irisadmin
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3;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    2352677 2352813 .       +       .

Parent=Smp_164880.1;Name=e94bf443-6fc5-4a61-9806-52e9768f12fb
SM_V9_ZSR       iris    exon    2356380 2356829 .       +       .
        Parent=Smp_164880.1;Name=0bdcbeb9-55e3-4ebd-952e-
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d49ec6659535
SM_V9_ZSR       iris    exon    2360032 2360136 .       +       .
        Parent=Smp_164880.1;Name=346a3b3f-7543-449d-9a75-
fd313acbb59c
SM_V9_ZSR       iris    exon    2363114 2363156 .       +       .
        Parent=Smp_164880.1;Name=0ff3ba44-2f23-4ae0-acae-
def754afe49a
SM_V9_ZSR       iris    exon    2370231 2370351 .       +       .
        Parent=Smp_164880.1;Name=2e8b581d-79cd-4bf4-af64-
e36e005fafde
SM_V9_ZSR       iris    exon    2377600 2377782 .       +       .

Parent=Smp_164880.1;Name=9ab0b7e6-15db-4129-960c-9ad0ab3b8700
SM_V9_ZSR       iris    exon    2381168 2381255 .       +       .
        Parent=Smp_164880.1;Name=1535e5c2-c0c0-417e-8afa-
feb29d7383c1
SM_V9_ZSR       iris    exon    2391840 2392087 .       +       .
        Parent=Smp_164880.1;Name=73e8a389-034f-4548-
ac87-50248bf67660
SM_V9_ZSR       iris    exon    2394767 2394954 .       +       .

Parent=Smp_164880.1;Name=d49e15b0-8780-42f1-8072-6ebf5cc8ec06
SM_V9_ZSR       iris    exon    2397441 2397470 .       +       .
        Parent=Smp_164880.1;Name=0f7e7c4b-298e-435d-a864-
aec17f083dba
SM_V9_ZSR       iris    exon    2403150 2403511 .       +       .
        Parent=Smp_164880.1;Name=4d5ea9f3-e2f8-4237-98c9-
bfafa24e5012
SM_V9_ZSR       iris    exon    2403880 2404240 .       +       .
        Parent=Smp_164880.1;Name=28759679-b09a-4944-94e4-
b05066016c94
SM_V9_ZSR       iris    exon    2407548 2407789 .       +       .
        Parent=Smp_164880.1;Name=969b7042-2018-45f6-
a617-2ee952324cac
SM_V9_ZSR       iris    exon    2415201 2415410 .       +       .
        Parent=Smp_164880.1;Name=ae483bf9-79ee-4272-b915-
e754e84e183d
SM_V9_ZSR       iris    exon    2418044 2418259 .       +       .
        Parent=Smp_164880.1;Name=b45b55cd-7c3c-4d31-
af22-254cb241f145
SM_V9_ZSR       iris    exon    2420943 2421011 .       +       .
        Parent=Smp_164880.1;Name=64081728-ae86-48b1-
aeb6-6fe7a1eb9712
SM_V9_ZSR       iris    exon    2423034 2423102 .       +       .
        Parent=Smp_164880.1;Name=b7c316dc-7f51-4223-8862-
d3d3c40b5569
SM_V9_ZSR       iris    exon    2432760 2432912 .       +       .
        Parent=Smp_164880.1;Name=a59eef6f-4e39-4408-8e43-
d2f8074d06fd
SM_V9_ZSR       iris    exon    2436058 2436096 .       +       .
        Parent=Smp_164880.1;Name=8e9ee5a2-b1ad-4e32-aa67-
e1bbbdec3028
SM_V9_ZSR       iris    exon    2441252 2442215 .       +       .
        Parent=Smp_164880.1;Name=92e8543c-73e2-46cc-8c04-
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a4e132e5f6d6
SM_V9_ZSR       iris    exon    2444742 2445896 .       +       .
        Parent=Smp_164880.1;Name=b012532a-78b0-4783-
b4dc-63e876eb56dd
SM_V9_ZSR       iris    CDS     2356407 2356829 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2360032 2360136 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2363114 2363156 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2370231 2370351 .       +       2
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2377600 2377782 .       +       1
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2381168 2381255 .       +       1
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2391840 2392087 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2394767 2394954 .       +       1
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2397441 2397470 .       +       2
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2403150 2403511 .       +       2
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2403880 2404240 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2407548 2407789 .       +       2
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2415201 2415410 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2418044 2418259 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2420943 2421011 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2423034 2423102 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2432760 2432912 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2436058 2436096 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    CDS     2441252 2441362 .       +       0
        Parent=Smp_164880.1
SM_V9_ZSR       iris    gene    2479219 2480437 .       -       .

ID=Smp_079220;geneID=Smp_079220;gene_name=Smp_079220;owner=irisadmin
@local.host;date_last_modified=2022-10-24;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    2479219 2480437 .       -       .

ID=Smp_079220.1;Parent=Smp_079220;geneID=Smp_079220;gene_name=Smp_07
9220;owner=irisadmin@local.host;orig_id=Smp_079220.1;date_last_modif
ied=2022-07-18;Name=Smp_079220.1;product=ADP,ATP carrier
protein;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2479219 2479511 .       -       .
        Parent=Smp_079220.1;Name=25ceea71-5baa-4e4c-a9e5-
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c59e4dd86b99
SM_V9_ZSR       iris    exon    2479547 2479785 .       -       .
        Parent=Smp_079220.1;Name=786ff921-
bd6f-4bd0-9660-48e640255852
SM_V9_ZSR       iris    exon    2479821 2480109 .       -       .

Parent=Smp_079220.1;Name=e9f41151-71bb-494e-86db-288163ab9b06
SM_V9_ZSR       iris    exon    2480143 2480437 .       -       .
        Parent=Smp_079220.1;Name=0f21f010-d404-4e5b-ad60-
d392038bd48c
SM_V9_ZSR       iris    CDS     2479318 2479511 .       -       2
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SM_V9_ZSR       iris    CDS     2479547 2479785 .       -       1
        Parent=Smp_079220.1
SM_V9_ZSR       iris    CDS     2479821 2480109 .       -       2
        Parent=Smp_079220.1
SM_V9_ZSR       iris    CDS     2480143 2480356 .       -       0
        Parent=Smp_079220.1
SM_V9_ZSR       iris    gene    2593093 2630279 .       -       .

ID=Smp_336830;geneID=Smp_336830;gene_name=Smp_336830;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    2593093 2630279 .       -       .

ID=Smp_336830.1;Parent=Smp_336830;geneID=Smp_336830;gene_name=Smp_33
6830;owner=irisadmin@local.host;orig_id=Smp_336830.1;date_last_modif
ied=2022-07-18;Name=Smp_336830.1;product=Serine/threonine-protein
kinase Sgk1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    2593093 2593532 .       -       .
        Parent=Smp_336830.1;Name=ae692fe4-3075-43e6-
b89e-3f92d615b99c
SM_V9_ZSR       iris    exon    2595009 2595204 .       -       .

Parent=Smp_336830.1;Name=eaf93d0e-5fa4-4474-87a6-7339c73fb0ab
SM_V9_ZSR       iris    exon    2604148 2604351 .       -       .
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c982a4993892
SM_V9_ZSR       iris    exon    2607866 2607952 .       -       .
        Parent=Smp_336830.1;Name=c6696362-237b-4b72-80f4-
e682124c5a27
SM_V9_ZSR       iris    exon    2609999 2610035 .       -       .
        Parent=Smp_336830.1;Name=2369e9ee-6508-4079-a2ef-
b4f03967b21c
SM_V9_ZSR       iris    exon    2619491 2619603 .       -       .

Parent=Smp_336830.1;Name=e4e5b765-9a86-4e54-98ae-6b647ff67a6d
SM_V9_ZSR       iris    exon    2622268 2622483 .       -       .

Parent=Smp_336830.1;Name=809edea6-040d-4b90-873f-4e94a5162bb0
SM_V9_ZSR       iris    exon    2626196 2626253 .       -       .
        Parent=Smp_336830.1;Name=638feb49-a08f-48ef-8413-
d4e498d4c124
SM_V9_ZSR       iris    exon    2626307 2626341 .       -       .
        Parent=Smp_336830.1;Name=4310bb24-21c8-429d-aa32-
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bf6fdd520d1e
SM_V9_ZSR       iris    exon    2626408 2626480 .       -       .

Parent=Smp_336830.1;Name=8fe88014-4702-460c-954c-19e21047f55b
SM_V9_ZSR       iris    exon    2626539 2626669 .       -       .
        Parent=Smp_336830.1;Name=3573ff9c-af6a-45f6-ad4d-
dd68088f72d6
SM_V9_ZSR       iris    exon    2626712 2626795 .       -       .

Parent=Smp_336830.1;Name=205e110f-19c1-427b-9fcc-58753fc6e92c
SM_V9_ZSR       iris    exon    2630184 2630279 .       -       .
        Parent=Smp_336830.1;Name=17f0a2bf-4313-4f3d-
af63-852713869dd5
SM_V9_ZSR       iris    CDS     2593432 2593532 .       -       2
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2595009 2595204 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2604148 2604351 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2607866 2607952 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2609999 2610035 .       -       1
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2619491 2619603 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2622268 2622483 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2626196 2626253 .       -       1
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2626307 2626341 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2626408 2626480 .       -       1
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2626539 2626669 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2626712 2626795 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    CDS     2630184 2630246 .       -       0
        Parent=Smp_336830.1
SM_V9_ZSR       iris    gene    2634132 2645205 .       -       .

ID=Smp_245400;geneID=Smp_245400;gene_name=Smp_245400;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    2634132 2645205 .       -       .

ID=Smp_245400.1;Parent=Smp_245400;geneID=Smp_245400;gene_name=Smp_24
5400;owner=irisadmin@local.host;orig_id=Smp_245400.1;date_last_modif
ied=2022-07-09;Name=Smp_245400.1;product=Intraflagellar transport
protein 52 homolog;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    2634132 2634530 .       -       .
        Parent=Smp_245400.1;Name=9b05fb1a-3017-4e11-
b66a-312acf5ec9cc
SM_V9_ZSR       iris    exon    2637240 2637385 .       -       .
        Parent=Smp_245400.1;Name=e0903e4f-dae8-49b1-
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a634-5a10f0d0c93f
SM_V9_ZSR       iris    exon    2640697 2640805 .       -       .
        Parent=Smp_245400.1;Name=b352750c-0173-46f4-90cc-
a95c35f18b01
SM_V9_ZSR       iris    exon    2643546 2643633 .       -       .

Parent=Smp_245400.1;Name=52ab13b3-5bc4-4c26-917d-1535deb80d63
SM_V9_ZSR       iris    exon    2644064 2644377 .       -       .
        Parent=Smp_245400.1;Name=21a1ec35-58e1-4457-
baa3-7ca2fb8d22a0
SM_V9_ZSR       iris    exon    2644409 2644601 .       -       .
        Parent=Smp_245400.1;Name=f54bdf70-
db86-4e28-87d7-2ba8d1f3b20d
SM_V9_ZSR       iris    exon    2644635 2644710 .       -       .
        Parent=Smp_245400.1;Name=fd2c5a68-1317-4491-
baf4-133576d56259
SM_V9_ZSR       iris    exon    2644742 2644959 .       -       .

Parent=Smp_245400.1;Name=ce6a9f07-7113-4a32-94e6-6ec53f6eeff8
SM_V9_ZSR       iris    exon    2645003 2645205 .       -       .
        Parent=Smp_245400.1;Name=a9943b08-5f80-4436-
b7cb-2d94cf1fa65d
SM_V9_ZSR       iris    CDS     2634507 2634530 .       -       0
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2637240 2637385 .       -       2
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2640697 2640805 .       -       0
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2643546 2643633 .       -       1
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2644064 2644377 .       -       0
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2644409 2644601 .       -       1
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2644635 2644710 .       -       2
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2644742 2644959 .       -       1
        Parent=Smp_245400.1
SM_V9_ZSR       iris    CDS     2645003 2645136 .       -       0
        Parent=Smp_245400.1
SM_V9_ZSR       iris    gene    2658219 2661391 .       +       .

ID=Smp_322170;geneID=Smp_322170;gene_name=Smp_322170;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    2658219 2661391 .       +       .

ID=Smp_322170.1;Parent=Smp_322170;geneID=Smp_322170;gene_name=Smp_32
2170;owner=irisadmin@local.host;orig_id=Smp_322170.1;date_last_modif
ied=2022-07-18;Name=Smp_322170.1;product=Serine/threonine-protein
kinase Sgk1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2658219 2658442 .       +       .
        Parent=Smp_322170.1;Name=35850668-c78a-450b-b164-
b2f1ece2cdce
SM_V9_ZSR       iris    exon    2659283 2659478 .       +       .
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        Parent=Smp_322170.1;Name=961fe339-
dad2-47af-98a0-6bac8f71e2e5
SM_V9_ZSR       iris    exon    2660955 2661391 .       +       .
        Parent=Smp_322170.1;Name=58940e19-c94a-44b6-
adf8-4f0c48e81e47
SM_V9_ZSR       iris    CDS     2658425 2658442 .       +       0
        Parent=Smp_322170.1
SM_V9_ZSR       iris    CDS     2659283 2659478 .       +       0
        Parent=Smp_322170.1
SM_V9_ZSR       iris    CDS     2660955 2661055 .       +       2
        Parent=Smp_322170.1
SM_V9_ZSR       iris    gene    2664893 2666493 .       +       .

ID=Smp_204350;geneID=Smp_204350;gene_name=Smp_204350;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    2664893 2666493 .       +       .

ID=Smp_204350.1;Parent=Smp_204350;geneID=Smp_204350;gene_name=Smp_20
4350;owner=irisadmin@local.host;orig_id=Smp_204350.1;date_last_modif
ied=2022-08-02;Name=Smp_204350.1;product=G protein-coupled receptor
161;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    2664893 2666493 .       +       .
        Parent=Smp_204350.1;Name=6e12bdbc-b350-4794-a187-
ab8d32c68c6c
SM_V9_ZSR       iris    CDS     2666079 2666303 .       +       0
        Parent=Smp_204350.1
SM_V9_ZSR       iris    gene    2673235 2781506 .       +       .

ID=Smp_017730;geneID=Smp_017730;gene_name=Smp_017730;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    2673235 2781506 .       +       .

ID=Smp_017730.1;Parent=Smp_017730;geneID=Smp_017730;gene_name=Smp_01
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ied=2022-07-18;Name=Smp_017730.1;product=200-kDa GPI-anchored
surface glycoprotein;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    2673235 2673534 .       +       .
        Parent=Smp_017730.1;Name=df06253a-5b8f-433c-
ac94-1a21a85942a6
SM_V9_ZSR       iris    exon    2676222 2676500 .       +       .
        Parent=Smp_017730.1;Name=b07b26ff-780e-498d-
a7c2-55a7a678fe6b
SM_V9_ZSR       iris    exon    2694786 2695013 .       +       .
        Parent=Smp_017730.1;Name=65fecbab-5506-438b-
b356-5bef0a8ccc81
SM_V9_ZSR       iris    exon    2701920 2702120 .       +       .
        Parent=Smp_017730.1;Name=0597f372-d638-471e-aac0-
d7a7e6e44365
SM_V9_ZSR       iris    exon    2713083 2713448 .       +       .
        Parent=Smp_017730.1;Name=b9c23a2a-6d13-46b7-a242-
f9ee0f6d0fa8
SM_V9_ZSR       iris    exon    2729766 2729873 .       +       .
        Parent=Smp_017730.1;Name=a9ede408-
cea2-4c47-8320-36a3a337dbb4
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SM_V9_ZSR       iris    exon    2732993 2733189 .       +       .
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SM_V9_ZSR       iris    exon    2734513 2734717 .       +       .
        Parent=Smp_017730.1;Name=4c49a929-bc8c-4dac-9c45-
dcd369989e71
SM_V9_ZSR       iris    exon    2735983 2736177 .       +       .
        Parent=Smp_017730.1;Name=cdc7b7e1-8beb-433a-b289-
b988ba0285ec
SM_V9_ZSR       iris    exon    2738666 2738881 .       +       .
        Parent=Smp_017730.1;Name=21986ef5-2f92-4aff-
a16b-9a663dace027
SM_V9_ZSR       iris    exon    2744062 2744153 .       +       .
        Parent=Smp_017730.1;Name=f6db93ce-c3cb-49e1-ac2a-
adfc3454f0c2
SM_V9_ZSR       iris    exon    2747482 2747710 .       +       .
        Parent=Smp_017730.1;Name=573ffe61-aee0-429f-
ba2a-13c260119720
SM_V9_ZSR       iris    exon    2753424 2753597 .       +       .
        Parent=Smp_017730.1;Name=3af535a6-22d0-4bb8-a246-
e61c8b242637
SM_V9_ZSR       iris    exon    2758630 2758803 .       +       .

Parent=Smp_017730.1;Name=0a8fe052-050d-40c0-950f-5de04c6f40e8
SM_V9_ZSR       iris    exon    2761079 2761356 .       +       .
        Parent=Smp_017730.1;Name=87585a38-
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SM_V9_ZSR       iris    exon    2766242 2766311 .       +       .
        Parent=Smp_017730.1;Name=9b022eb7-137e-4b04-ade5-
e75bc676d630
SM_V9_ZSR       iris    exon    2767733 2768056 .       +       .

Parent=Smp_017730.1;Name=4837b172-738d-4724-9390-32739ae90ef9
SM_V9_ZSR       iris    exon    2772413 2772721 .       +       .
        Parent=Smp_017730.1;Name=135be02e-ebd2-4f6e-bf11-
fd54b2ccb86b
SM_V9_ZSR       iris    exon    2775190 2775585 .       +       .
        Parent=Smp_017730.1;Name=2145bf2b-59e5-4d90-88ed-
b8eaad7dc959
SM_V9_ZSR       iris    exon    2777770 2777987 .       +       .
        Parent=Smp_017730.1;Name=eecfb66c-432c-4bbc-
bf1f-61ff7c1f63c0
SM_V9_ZSR       iris    exon    2778848 2779196 .       +       .
        Parent=Smp_017730.1;Name=7f2309c7-e574-491b-
a884-89937ee9ba0e
SM_V9_ZSR       iris    exon    2779753 2781506 .       +       .
        Parent=Smp_017730.1;Name=5c3f68aa-7d56-46e8-8284-
c389a8e8f6b2
SM_V9_ZSR       iris    CDS     2673276 2673534 .       +       0
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SM_V9_ZSR       iris    CDS     2676222 2676500 .       +       2
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        Parent=Smp_017730.1
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SM_V9_ZSR       iris    CDS     2701920 2702120 .       +       2
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SM_V9_ZSR       iris    CDS     2713083 2713448 .       +       2
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SM_V9_ZSR       iris    CDS     2729766 2729873 .       +       2
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        Parent=Smp_017730.1
SM_V9_ZSR       iris    CDS     2734513 2734717 .       +       0
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SM_V9_ZSR       iris    CDS     2747482 2747710 .       +       0
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        Parent=Smp_017730.1
SM_V9_ZSR       iris    CDS     2758630 2758803 .       +       2
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SM_V9_ZSR       iris    CDS     2761079 2761356 .       +       2
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SM_V9_ZSR       iris    CDS     2766242 2766311 .       +       0
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SM_V9_ZSR       iris    CDS     2775190 2775585 .       +       2
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SM_V9_ZSR       iris    CDS     2777770 2777987 .       +       2
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SM_V9_ZSR       iris    CDS     2778848 2779196 .       +       0
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SM_V9_ZSR       iris    CDS     2779753 2779925 .       +       2
        Parent=Smp_017730.1
SM_V9_ZSR       iris    gene    2784168 2804325 .       -       .

ID=Smp_340280;geneID=Smp_340280;gene_name=Smp_340280;owner=irisadmin
@local.host;date_last_modified=2022-10-25;date_creation=2022-10-25
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ID=Smp_340280.1;Parent=Smp_340280;geneID=Smp_340280;gene_name=Smp_34
0280;owner=irisadmin@local.host;orig_id=Smp_340280.1;date_last_modif
ied=2022-10-25;Name=Smp_340280.1;product=Zinc finger protein
GLIS1;date_creation=2022-10-25
SM_V9_ZSR       iris    exon    2784168 2784474 .       -       .
        Parent=Smp_340280.1;Name=98694875-a245-4c58-b0e9-
e8850acd2432
SM_V9_ZSR       iris    exon    2789572 2789994 .       -       .

Parent=Smp_340280.1;Name=341e2f34-44db-4ca0-852b-54a69e8f14bb
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SM_V9_ZSR       iris    exon    2800214 2800375 .       -       .
        Parent=Smp_340280.1;Name=1f9494b0-
d3ec-40f3-9623-5930991e9014
SM_V9_ZSR       iris    exon    2801346 2801531 .       -       .
        Parent=Smp_340280.1;Name=945c1295-23d5-4a62-
b0a4-32328c1729ed
SM_V9_ZSR       iris    exon    2801931 2802665 .       -       .

Parent=Smp_340280.1;Name=37758e09-979e-4bfa-8e07-7148edbf3422
SM_V9_ZSR       iris    exon    2804100 2804325 .       -       .
        Parent=Smp_340280.1;Name=b952fa9a-b581-4b38-b121-
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SM_V9_ZSR       iris    CDS     2784334 2784474 .       -       0
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SM_V9_ZSR       iris    CDS     2789572 2789994 .       -       0
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        Parent=Smp_340280.1
SM_V9_ZSR       Liftoff gene    2825694 2864945 .       -       .

ID=Smp_017710;geneID=Smp_017710;previous_systematic_id=Smp_131900
SM_V9_ZSR       Liftoff mRNA    2825694 2864945 .       -       .

ID=Smp_017710.1;Parent=Smp_017710;geneID=Smp_017710;product=Rab11
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3;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR019018
Pfam:PF09457,PF13499;Ontology_term=GO:0005509
SM_V9_ZSR       Liftoff exon    2825694 2827854 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2831698 2831991 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2837698 2837835 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2843894 2844025 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2848041 2848244 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2849031 2849136 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2858125 2858142 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2861197 2861250 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2862865 2862950 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2864459 2864565 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2864601 2864694 .       -       .
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff exon    2864732 2864945 .       -       .
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SM_V9_ZSR       Liftoff CDS     2827723 2827854 .       -       0
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SM_V9_ZSR       Liftoff CDS     2831698 2831991 .       -       0
        Parent=Smp_017710.1
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SM_V9_ZSR       Liftoff CDS     2843894 2844025 .       -       0
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff CDS     2848041 2848244 .       -       0
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SM_V9_ZSR       Liftoff CDS     2849031 2849136 .       -       1
        Parent=Smp_017710.1
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SM_V9_ZSR       Liftoff CDS     2862865 2862950 .       -       0
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff CDS     2864459 2864565 .       -       2
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff CDS     2864601 2864694 .       -       0
        Parent=Smp_017710.1
SM_V9_ZSR       Liftoff CDS     2864732 2864887 .       -       0
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SM_V9_ZSR       Liftoff mRNA    2825694 2864945 .       -       .

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3;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR019018
Pfam:PF09457,PF13499;Ontology_term=GO:0005509
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SM_V9_ZSR       Liftoff exon    2831698 2831991 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2837698 2837835 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2843894 2844025 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2848041 2848244 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2849031 2849136 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2861197 2861250 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2862865 2862950 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2864459 2864565 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2864601 2864694 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff exon    2864732 2864945 .       -       .
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff CDS     2827723 2827854 .       -       0
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SM_V9_ZSR       Liftoff CDS     2831698 2831991 .       -       0
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SM_V9_ZSR       Liftoff CDS     2837698 2837835 .       -       0
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff CDS     2843894 2844025 .       -       0
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff CDS     2848041 2848244 .       -       0
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff CDS     2849031 2849136 .       -       1
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SM_V9_ZSR       Liftoff CDS     2861197 2861250 .       -       1
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SM_V9_ZSR       Liftoff CDS     2862865 2862950 .       -       0
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SM_V9_ZSR       Liftoff CDS     2864459 2864565 .       -       2
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff CDS     2864601 2864694 .       -       0
        Parent=Smp_017710.2
SM_V9_ZSR       Liftoff CDS     2864732 2864887 .       -       0
        Parent=Smp_017710.2
SM_V9_ZSR       iris    gene    2915105 2946913 .       -       .

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SM_V9_ZSR       iris    mRNA    2915105 2946913 .       -       .

ID=Smp_131890.1;Parent=Smp_131890;geneID=Smp_131890;gene_name=Smp_13
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ied=2022-07-18;Name=Smp_131890.1;product=Sodium- and chloride-
dependent glycine transporter 2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    2915105 2915700 .       -       .

Parent=Smp_131890.1;Name=97312492-3bd5-4ecd-9054-610d5b434e54
SM_V9_ZSR       iris    exon    2916914 2917297 .       -       .
        Parent=Smp_131890.1;Name=79d473e5-9b4b-41b2-a337-
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SM_V9_ZSR       iris    exon    2918339 2918601 .       -       .
        Parent=Smp_131890.1;Name=ef0c7ffe-db9d-41bc-
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SM_V9_ZSR       iris    exon    2920573 2920724 .       -       .
        Parent=Smp_131890.1;Name=72756317-eb06-47c6-9a34-
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SM_V9_ZSR       iris    exon    2923279 2923483 .       -       .
        Parent=Smp_131890.1;Name=d4edae96-b74e-460d-
aa49-5f982dd1d3f9
SM_V9_ZSR       iris    exon    2925717 2925841 .       -       .
        Parent=Smp_131890.1;Name=87051c48-b670-407c-8f8f-
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SM_V9_ZSR       iris    exon    2937688 2937926 .       -       .
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SM_V9_ZSR       iris    exon    2939252 2939384 .       -       .
        Parent=Smp_131890.1;Name=ec2e329c-b840-4c67-b39f-
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b8f9fb230e92
SM_V9_ZSR       iris    exon    2940506 2940557 .       -       .
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SM_V9_ZSR       iris    exon    2941129 2941293 .       -       .
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SM_V9_ZSR       iris    exon    2942938 2943069 .       -       .
        Parent=Smp_131890.1;Name=8e533008-4520-4288-9f3c-
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SM_V9_ZSR       iris    exon    2945645 2945825 .       -       .
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SM_V9_ZSR       iris    exon    2946629 2946913 .       -       .

Parent=Smp_131890.1;Name=2b58a5ae-2e78-419f-8d34-25188f794f45
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        Parent=Smp_131890.1
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        Parent=Smp_131890.1
SM_V9_ZSR       iris    CDS     2937688 2937926 .       -       0
        Parent=Smp_131890.1
SM_V9_ZSR       iris    CDS     2939252 2939384 .       -       1
        Parent=Smp_131890.1
SM_V9_ZSR       iris    CDS     2940506 2940557 .       -       2
        Parent=Smp_131890.1
SM_V9_ZSR       iris    CDS     2941129 2941293 .       -       2
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        Parent=Smp_131890.1
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ied=2022-07-09;Name=Smp_028690.2;product=Sodium- and chloride-
dependent glycine transporter 2;date_creation=2022-07-09
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        Parent=Smp_028690.2;Name=62e4d7ea-
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e004-494a-8879-3ec27c5b6ae4
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SM_V9_ZSR       iris    exon    2992035 2992166 .       +       .
        Parent=Smp_028690.2;Name=ac64ef2a-d91b-41d0-
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SM_V9_ZSR       iris    exon    2993962 2994126 .       +       .
        Parent=Smp_028690.2;Name=e6a9d205-
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SM_V9_ZSR       iris    exon    2997134 2997185 .       +       .

Parent=Smp_028690.2;Name=01d78b0f-8af0-4300-8887-1f474d14b253
SM_V9_ZSR       iris    exon    2999132 2999264 .       +       .
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SM_V9_ZSR       iris    exon    3000809 3001047 .       +       .
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SM_V9_ZSR       iris    exon    3002716 3002840 .       +       .
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SM_V9_ZSR       iris    exon    3005222 3005426 .       +       .
        Parent=Smp_028690.2;Name=09e9c4fc-8742-4aca-
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SM_V9_ZSR       iris    exon    3007385 3007723 .       +       .
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SM_V9_ZSR       iris    CDS     2983607 2983787 .       +       0
        Parent=Smp_028690.2
SM_V9_ZSR       iris    CDS     2992035 2992166 .       +       2
        Parent=Smp_028690.2
SM_V9_ZSR       iris    CDS     2993962 2994126 .       +       2
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SM_V9_ZSR       iris    CDS     2997134 2997185 .       +       2
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        Parent=Smp_028690.2
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SM_V9_ZSR       iris    CDS     3005222 3005426 .       +       2
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SM_V9_ZSR       iris    CDS     3007385 3007442 .       +       1
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SM_V9_ZSR       iris    mRNA    2982953 3018571 .       +       .

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ied=2022-07-09;Name=Smp_028690.1;product=sodium/chloride dependent
transporter, putative;date_creation=2022-07-09
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SM_V9_ZSR	iris	exon	2983607 2983787 .	+	.
	Parent=Smp_028690.1;Name=3e51e1fa-47c9-47d9-8deb-
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SM_V9_ZSR	iris	exon	2992035 2992166 .	+	.
	Parent=Smp_028690.1;Name=911d52a4-eb97-4190-
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SM_V9_ZSR	iris	exon	2993962 2994126 .	+	.
	Parent=Smp_028690.1;Name=d483e27f-8362-419d-980b-
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SM_V9_ZSR	iris	exon	2997134 2997185 .	+	.
	Parent=Smp_028690.1;Name=28316607-5979-42e6-
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SM_V9_ZSR	iris	exon	2999132 2999264 .	+	.
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SM_V9_ZSR	iris	exon	3000809 3001047 .	+	.

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SM_V9_ZSR	iris	exon	3002716 3002840 .	+	.
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SM_V9_ZSR	iris	exon	3005222 3005426 .	+	.
	Parent=Smp_028690.1;Name=e537cc6d-0d62-4472-bbda-
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SM_V9_ZSR	iris	exon	3008842 3008993 .	+	.
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a7df-53a3e7356359
SM_V9_ZSR	iris	exon	3011105 3011367 .	+	.
	Parent=Smp_028690.1;Name=da8db4f2-ce39-4c94-8347-
eb3f28365d31
SM_V9_ZSR	iris	exon	3015463 3015837 .	+	.

Parent=Smp_028690.1;Name=cea6fa7b-3188-4777-89cf-8b2268dbb2b6
SM_V9_ZSR	iris	exon	3017539 3018571 .	+	.
	Parent=Smp_028690.1;Name=2b3e5e8a-b3a5-4212-9004-
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SM_V9_ZSR	iris	CDS	2983047 2983142 .	+	0
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SM_V9_ZSR	iris	CDS	2983607 2983787 .	+	0
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SM_V9_ZSR	iris	CDS	2992035 2992166 .	+	2
	Parent=Smp_028690.1
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SM_V9_ZSR	iris	CDS	2997134 2997185 .	+	2
	Parent=Smp_028690.1
SM_V9_ZSR	iris	CDS	2999132 2999264 .	+	1
	Parent=Smp_028690.1
SM_V9_ZSR	iris	CDS	3000809 3001047 .	+	0
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SM_V9_ZSR	iris	CDS	3002716 3002840 .	+	1
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SM_V9_ZSR       iris    CDS     3005222 3005426 .       +       2
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SM_V9_ZSR       iris    CDS     3008842 3008993 .       +       1
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SM_V9_ZSR       iris    CDS     3011105 3011367 .       +       2
        Parent=Smp_028690.1
SM_V9_ZSR       iris    CDS     3015463 3015837 .       +       0
        Parent=Smp_028690.1
SM_V9_ZSR       iris    CDS     3017539 3017706 .       +       0
        Parent=Smp_028690.1
SM_V9_ZSR       Liftoff gene    3120817 3152223 .       -       .
        ID=Smp_028670;geneID=Smp_028670
SM_V9_ZSR       Liftoff mRNA    3120817 3152223 .       -       .

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SM_V9_ZSR       Liftoff exon    3120817 3121573 .       -       .
        Parent=Smp_028670.1
SM_V9_ZSR       Liftoff exon    3123143 3123252 .       -       .
        Parent=Smp_028670.1
SM_V9_ZSR       Liftoff exon    3133363 3133483 .       -       .
        Parent=Smp_028670.1
SM_V9_ZSR       Liftoff exon    3137332 3137543 .       -       .
        Parent=Smp_028670.1
SM_V9_ZSR       Liftoff exon    3151890 3152078 .       -       .
        Parent=Smp_028670.1
SM_V9_ZSR       Liftoff exon    3152114 3152223 .       -       .
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SM_V9_ZSR       Liftoff CDS     3152114 3152141 .       -       0
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SM_V9_ZSR       Liftoff gene    3157966 3212032 .       +       .
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SM_V9_ZSR       Liftoff mRNA    3157966 3212032 .       +       .

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coil domain-containing protein 78
SM_V9_ZSR       Liftoff exon    3157966 3158096 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3158133 3158313 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3160668 3160882 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3162168 3162353 .       +       .
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SM_V9_ZSR       Liftoff exon    3166797 3166943 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3174928 3175125 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3181733 3181794 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3185256 3185322 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3198613 3198738 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3201005 3201210 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff exon    3211641 3212032 .       +       .
        Parent=Smp_322190.1
SM_V9_ZSR       Liftoff CDS     3157989 3158096 .       +       0
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SM_V9_ZSR       Liftoff CDS     3158133 3158313 .       +       0
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        Parent=Smp_322190.1
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SM_V9_ZSR       Liftoff CDS     3211641 3211806 .       +       1
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SM_V9_ZSR       iris    gene    3222641 3243874 .       -       .

ID=Smp_028650;geneID=Smp_028650;gene_name=Smp_028650;owner=irisadmin
@local.host;date_last_modified=2022-10-25;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    3222641 3243874 .       -       .

ID=Smp_028650.1;Parent=Smp_028650;geneID=Smp_028650;gene_name=Smp_02
8650;owner=irisadmin@local.host;orig_id=Smp_028650.1;date_last_modif
ied=2022-07-18;Name=Smp_028650.1;product=Rho GTPase-activating
protein 20;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    3222641 3224602 .       -       .
        Parent=Smp_028650.1;Name=65f3e262-acf2-4854-984e-
ee4d206f4850
SM_V9_ZSR       iris    exon    3226143 3226669 .       -       .
        Parent=Smp_028650.1;Name=90f5fab4-4752-4761-
a441-8940c435ddfc
SM_V9_ZSR       iris    exon    3228295 3228457 .       -       .
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        Parent=Smp_028650.1;Name=c543b4d6-b8d1-4c88-
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SM_V9_ZSR       iris    exon    3231960 3232219 .       -       .
        Parent=Smp_028650.1;Name=79fced48-cdef-472d-80f6-
a60d102728a0
SM_V9_ZSR       iris    exon    3233857 3234126 .       -       .
        Parent=Smp_028650.1;Name=68aa3450-f8b5-48e2-
b679-4a12c2535058
SM_V9_ZSR       iris    exon    3239178 3239255 .       -       .
        Parent=Smp_028650.1;Name=9d0838dc-41a1-40cc-
bcff-93139fede788
SM_V9_ZSR       iris    exon    3240293 3240455 .       -       .
        Parent=Smp_028650.1;Name=2ca54411-5480-4886-
a5b4-60bb5cd42318
SM_V9_ZSR       iris    exon    3241443 3241608 .       -       .

Parent=Smp_028650.1;Name=f934e2c6-1c3b-401a-9d94-675a6122189b
SM_V9_ZSR       iris    exon    3243194 3243465 .       -       .
        Parent=Smp_028650.1;Name=15066292-2f3c-4ccc-9ddc-
d6c699f38a2e
SM_V9_ZSR       iris    exon    3243498 3243874 .       -       .
        Parent=Smp_028650.1;Name=27c576f1-b461-4f0e-8c6a-
fb5953dfceb2
SM_V9_ZSR       iris    CDS     3224492 3224602 .       -       0
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SM_V9_ZSR       iris    CDS     3226143 3226669 .       -       2
        Parent=Smp_028650.1
SM_V9_ZSR       iris    CDS     3228295 3228457 .       -       0
        Parent=Smp_028650.1
SM_V9_ZSR       iris    CDS     3231960 3232219 .       -       2
        Parent=Smp_028650.1
SM_V9_ZSR       iris    CDS     3233857 3234126 .       -       2
        Parent=Smp_028650.1
SM_V9_ZSR       iris    CDS     3239178 3239255 .       -       2
        Parent=Smp_028650.1
SM_V9_ZSR       iris    CDS     3240293 3240455 .       -       0
        Parent=Smp_028650.1
SM_V9_ZSR       iris    CDS     3241443 3241608 .       -       1
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SM_V9_ZSR       iris    CDS     3243194 3243465 .       -       0
        Parent=Smp_028650.1
SM_V9_ZSR       iris    CDS     3243498 3243638 .       -       0
        Parent=Smp_028650.1
SM_V9_ZSR       iris    gene    3252157 3276242 .       -       .

ID=Smp_336640;geneID=Smp_336640;gene_name=Smp_336640;owner=irisadmin
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ID=Smp_336640.1;Parent=Smp_336640;geneID=Smp_336640;gene_name=Smp_33
6640;owner=irisadmin@local.host;orig_id=Smp_336640.1;date_last_modif
ied=2022-07-18;Name=Smp_336640.1;product=Exocyst complex component
3;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    3252157 3252480 .       -       .
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        Parent=Smp_336640.1;Name=c139d44a-170b-40f0-
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SM_V9_ZSR       iris    exon    3253248 3253340 .       -       .
        Parent=Smp_336640.1;Name=95eaf33d-97e0-4efe-
bbca-8bf0c5688122
SM_V9_ZSR       iris    exon    3255051 3255134 .       -       .
        Parent=Smp_336640.1;Name=d5a9a094-438d-476a-
b74a-3e426d12e990
SM_V9_ZSR       iris    exon    3256342 3256453 .       -       .

Parent=Smp_336640.1;Name=fa41383b-0628-4f3f-816d-52e5dd5d18bc
SM_V9_ZSR       iris    exon    3257501 3257656 .       -       .
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SM_V9_ZSR       iris    exon    3259296 3259367 .       -       .
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SM_V9_ZSR       iris    exon    3260032 3260180 .       -       .
        Parent=Smp_336640.1;Name=e3cf43f5-
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SM_V9_ZSR       iris    exon    3262077 3262147 .       -       .
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SM_V9_ZSR       iris    exon    3263765 3263867 .       -       .
        Parent=Smp_336640.1;Name=467fc886-960d-47ef-bd67-
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SM_V9_ZSR       iris    exon    3266190 3266282 .       -       .
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SM_V9_ZSR       iris    exon    3267122 3267188 .       -       .

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SM_V9_ZSR       iris    exon    3268155 3268265 .       -       .
        Parent=Smp_336640.1;Name=166fb7b9-1a71-4313-8023-
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SM_V9_ZSR       iris    exon    3268311 3268384 .       -       .
        Parent=Smp_336640.1;Name=180b5b2b-1448-4db9-bbdb-
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SM_V9_ZSR       iris    exon    3268435 3268518 .       -       .
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SM_V9_ZSR       iris    exon    3270657 3270759 .       -       .
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        Parent=Smp_336640.1;Name=9997cf70-cbe2-4cea-
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SM_V9_ZSR       iris    exon    3274276 3274424 .       -       .
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SM_V9_ZSR       iris    exon    3274479 3274554 .       -       .
        Parent=Smp_336640.1;Name=6fecd0a3-ab80-47f0-
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SM_V9_ZSR       iris    exon    3274594 3274700 .       -       .
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SM_V9_ZSR       iris    exon    3275111 3275196 .       -       .
        Parent=Smp_336640.1;Name=37badf9a-d386-4426-
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SM_V9_ZSR       iris    exon    3276152 3276242 .       -       .
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SM_V9_ZSR       iris    CDS     3252385 3252480 .       -       0
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SM_V9_ZSR       iris    CDS     3253248 3253340 .       -       0
        Parent=Smp_336640.1
SM_V9_ZSR       iris    CDS     3255051 3255134 .       -       0
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SM_V9_ZSR       iris    CDS     3257501 3257656 .       -       1
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SM_V9_ZSR       iris    CDS     3259296 3259367 .       -       1
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SM_V9_ZSR       iris    CDS     3260032 3260180 .       -       0
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SM_V9_ZSR       iris    CDS     3262077 3262147 .       -       2
        Parent=Smp_336640.1
SM_V9_ZSR       iris    CDS     3263765 3263867 .       -       0
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SM_V9_ZSR       iris    CDS     3267122 3267188 .       -       1
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SM_V9_ZSR       iris    CDS     3274594 3274700 .       -       0
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SM_V9_ZSR       iris    CDS     3274859 3274971 .       -       0
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SM_V9_ZSR       iris    CDS     3275015 3275071 .       -       0
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SM_V9_ZSR       iris    CDS     3275111 3275194 .       -       0
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SM_V9_ZSR       iris    non_canonical_five_prime_splice_site
3276150 3276150 .       -       .       ID=Smp_336640.1-
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SM_V9_ZSR       iris    gene    3284067 3348222 .       -       .

ID=Smp_137610;geneID=Smp_137610;gene_name=Smp_137610;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    3284067 3348222 .       -       .

ID=Smp_137610.1;Parent=Smp_137610;geneID=Smp_137610;gene_name=Smp_13
7610;owner=irisadmin@local.host;orig_id=Smp_137610.1;date_last_modif
ied=2022-08-02;Name=Smp_137610.1;product=Focal adhesion kinase
1;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    3284067 3284718 .       -       .

Parent=Smp_137610.1;Name=078080d7-94ec-4c70-8be6-378bb463eb6b
SM_V9_ZSR       iris    exon    3286611 3286682 .       -       .
        Parent=Smp_137610.1;Name=6e807c69-4ce2-45ed-
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SM_V9_ZSR       iris    exon    3288113 3288570 .       -       .

Parent=Smp_137610.1;Name=f5f7fb57-8ee1-4bc2-8275-3818deb7ab37
SM_V9_ZSR       iris    exon    3289816 3289843 .       -       .

Parent=Smp_137610.1;Name=c33dc431-3a61-4b8a-8474-614ca94e09a6
SM_V9_ZSR       iris    exon    3291879 3292073 .       -       .

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SM_V9_ZSR       iris    exon    3293709 3294056 .       -       .

Parent=Smp_137610.1;Name=2fe19cb4-952e-4681-9099-91fb38eb0579
SM_V9_ZSR       iris    exon    3296140 3296171 .       -       .
        Parent=Smp_137610.1;Name=db6de566-4f35-4ee1-
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SM_V9_ZSR       iris    exon    3299460 3299521 .       -       .

Parent=Smp_137610.1;Name=e43c2d97-0e85-48cb-9c72-8cbc42c104b8
SM_V9_ZSR       iris    exon    3301580 3301784 .       -       .
        Parent=Smp_137610.1;Name=8ff43f9a-0979-4093-
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SM_V9_ZSR       iris    exon    3303199 3303291 .       -       .
        Parent=Smp_137610.1;Name=de9bc5eb-5bb0-4401-9291-
e66e6478799d
SM_V9_ZSR       iris    exon    3310164 3310264 .       -       .
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SM_V9_ZSR       iris    exon    3313377 3313492 .       -       .
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        Parent=Smp_137610.1;Name=3bfc88f7-942e-490c-9e3f-
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SM_V9_ZSR       iris    exon    3339220 3339557 .       -       .
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SM_V9_ZSR       iris    exon    3340449 3340526 .       -       .
        Parent=Smp_137610.1;Name=8ca61467-abca-4564-
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SM_V9_ZSR       iris    exon    3347471 3347579 .       -       .
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SM_V9_ZSR       iris    exon    3348025 3348222 .       -       .

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SM_V9_ZSR       iris    CDS     3286611 3286682 .       -       0
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SM_V9_ZSR       iris    CDS     3288113 3288570 .       -       2
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SM_V9_ZSR       iris    CDS     3289816 3289843 .       -       0
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        Parent=Smp_137610.1
SM_V9_ZSR       iris    CDS     3293709 3294056 .       -       0
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SM_V9_ZSR       iris    CDS     3296140 3296171 .       -       2
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        Parent=Smp_137610.1
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SM_V9_ZSR       iris    CDS     3301580 3301784 .       -       2
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SM_V9_ZSR       iris    CDS     3310164 3310264 .       -       1
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SM_V9_ZSR       iris    CDS     3319375 3319475 .       -       2
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SM_V9_ZSR       Liftoff exon    3366862 3366982 .       +       .
        Parent=Smp_137600.1
SM_V9_ZSR       Liftoff exon    3370374 3370700 .       +       .
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SM_V9_ZSR       Liftoff CDS     3366754 3366828 .       +       0
        Parent=Smp_137600.1
SM_V9_ZSR       Liftoff CDS     3366862 3366982 .       +       0
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SM_V9_ZSR       Liftoff CDS     3370374 3370594 .       +       2
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SM_V9_ZSR       iris    gene    3370704 3386970 .       -       .

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ID=Smp_196020.1;Parent=Smp_196020;geneID=Smp_196020;gene_name=Smp_19
6020;owner=irisadmin@local.host;orig_id=Smp_196020.1;date_last_modif
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SM_V9_ZSR       iris    exon    3372092 3372412 .       -       .
        Parent=Smp_196020.1;Name=ca3e8fc8-9aad-4461-830c-
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SM_V9_ZSR       iris    exon    3373131 3373611 .       -       .
        Parent=Smp_196020.1;Name=b712475e-b3c6-4c0d-a7fb-
bc75be08318d
SM_V9_ZSR       iris    exon    3377111 3377430 .       -       .
        Parent=Smp_196020.1;Name=c211d59f-5692-4d04-
bbe4-2e0a90d84820
SM_V9_ZSR       iris    exon    3379120 3379411 .       -       .
        Parent=Smp_196020.1;Name=ec11ca63-8493-4e01-9855-
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SM_V9_ZSR       iris    exon    3382074 3382363 .       -       .
        Parent=Smp_196020.1;Name=9810821c-84dd-404c-
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SM_V9_ZSR       iris    exon    3384277 3384539 .       -       .

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SM_V9_ZSR       iris    gene    3387016 3392481 .       -       .

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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    3387016 3392481 .       -       .

ID=Smp_137590.1;Parent=Smp_137590;geneID=Smp_137590;gene_name=Smp_13
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(cytidine(32)/guanosine(34)-2'-O)-
methyltransferase;date_creation=2022-07-17
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SM_V9_ZSR       iris    exon    3388770 3388926 .       -       .
        Parent=Smp_137590.1;Name=c26c9e9b-cba8-4d58-
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        Parent=Smp_137590.1;Name=e70414bc-2a36-4bcd-adf6-
a02248a6af7c
SM_V9_ZSR       iris    exon    3390899 3391036 .       -       .
        Parent=Smp_137590.1;Name=47b09a70-8fda-4a04-
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SM_V9_ZSR       iris    exon    3392351 3392481 .       -       .
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SM_V9_ZSR       iris    CDS     3387077 3387370 .       -       0
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SM_V9_ZSR       iris    CDS     3388207 3388553 .       -       2
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        Parent=Smp_137590.1
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SM_V9_ZSR       iris    CDS     3390899 3391022 .       -       0
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SM_V9_ZSR       iris    gene    3413540 3447682 .       -       .

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SM_V9_ZSR       iris    exon    3417364 3417680 .       -       .
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SM_V9_ZSR       iris    exon    3419186 3419474 .       -       .
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SM_V9_ZSR       iris    exon    3420354 3420755 .       -       .
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aaa4ab4dcc1f
SM_V9_ZSR       iris    exon    3424095 3424478 .       -       .
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SM_V9_ZSR       iris    exon    3427160 3427450 .       -       .
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SM_V9_ZSR       iris    exon    3431067 3431214 .       -       .
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SM_V9_ZSR       iris    exon    3433043 3433197 .       -       .
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SM_V9_ZSR       iris    exon    3438764 3438919 .       -       .

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SM_V9_ZSR       iris    exon    3444427 3444689 .       -       .
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SM_V9_ZSR       iris    exon    3446971 3447303 .       -       .
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SM_V9_ZSR       iris    exon    3447336 3447682 .       -       .
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SM_V9_ZSR       iris    CDS     3420354 3420755 .       -       0
        Parent=Smp_332880.1
SM_V9_ZSR       iris    CDS     3424095 3424478 .       -       0
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SM_V9_ZSR       iris    CDS     3424985 3425218 .       -       0
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SM_V9_ZSR       iris    CDS     3427160 3427450 .       -       0
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SM_V9_ZSR       iris    CDS     3427729 3427964 .       -       2
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SM_V9_ZSR       iris    CDS     3431067 3431214 .       -       0
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SM_V9_ZSR       iris    CDS     3433043 3433197 .       -       2
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SM_V9_ZSR       iris    CDS     3438764 3438919 .       -       2
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SM_V9_ZSR       iris    CDS     3439674 3439953 .       -       0
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SM_V9_ZSR       iris    CDS     3444427 3444689 .       -       0
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SM_V9_ZSR       iris    CDS     3446971 3447303 .       -       0
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SM_V9_ZSR       iris    CDS     3447336 3447566 .       -       0
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MnmG;date_creation=2022-10-25
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SM_V9_ZSR       iris    exon    3457539 3457650 .       -       .
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SM_V9_ZSR       iris    CDS     3456588 3456821 .       -       0
        Parent=Smp_322210.1
SM_V9_ZSR       Liftoff gene    3470866 3519232 .       +       .
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Pfam:PF00270,PF00271,PF08148,PF13234;Ontology_term=GO:0003676,GO:000
5524
SM_V9_ZSR       Liftoff exon    3470866 3471931 .       +       .
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SM_V9_ZSR       Liftoff exon    3471967 3472293 .       +       .
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SM_V9_ZSR       Liftoff exon    3480336 3480612 .       +       .
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        Parent=Smp_137580.1
SM_V9_ZSR       Liftoff CDS     3484099 3484266 .       +       2
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SM_V9_ZSR       Liftoff CDS     3501324 3501593 .       +       0
        Parent=Smp_137580.1
SM_V9_ZSR       Liftoff CDS     3502422 3502823 .       +       0
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SM_V9_ZSR       Liftoff CDS     3509600 3509894 .       +       0
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SM_V9_ZSR       Liftoff CDS     3518706 3519035 .       +       0
        Parent=Smp_137580.1
SM_V9_ZSR       Liftoff gene    3520168 3533212 .       -       .
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SM_V9_ZSR       Liftoff mRNA    3520168 3533212 .       -       .

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3;evidence=Traceable Author
Statement;literature=PMID:19538992;polypeptide_domain=InterPro:IPR00
1309,IPR002138,IPR015917,IPR016129,IPR029030,IPR033139
Pfam:PF00656;Ontology_term=GO:0004197,GO:0006508,GO:0008234
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SM_V9_ZSR       Liftoff CDS     3528715 3529016 .       -       1
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SM_V9_ZSR       Liftoff CDS     3533149 3533189 .       -       0
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SM_V9_ZSR       iris    gene    3547329 3587543 .       -       .

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ID=Smp_028490.1;Parent=Smp_028490;geneID=Smp_028490;gene_name=Smp_02
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phosphate acyltransferase epsilon;date_creation=2022-08-24
SM_V9_ZSR       iris    exon    3547329 3547856 .       -       .

Parent=Smp_028490.1;Name=eb391c0f-74a3-4831-872d-08fcc6cdf759
SM_V9_ZSR       iris    exon    3549479 3549599 .       -       .

Parent=Smp_028490.1;Name=d74c552e-4b92-48cc-9df6-26ff7b377483
SM_V9_ZSR       iris    exon    3553788 3553955 .       -       .

Parent=Smp_028490.1;Name=f7f5a2ce-0b7b-44f2-8ba7-44ea1d0f628c
SM_V9_ZSR       iris    exon    3563828 3563918 .       -       .
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        Parent=Smp_028490.1;Name=d9d1aea8-
f6d9-40b6-9afa-1631a4b2b840
SM_V9_ZSR       iris    exon    3581585 3581671 .       -       .
        Parent=Smp_028490.1;Name=f107bf46-f4ce-48bb-85a6-
adddda2ef28c
SM_V9_ZSR       iris    exon    3587027 3587142 .       -       .
        Parent=Smp_028490.1;Name=30c09753-4bc6-459f-
aeae-4d727fe41451
SM_V9_ZSR       iris    exon    3587181 3587259 .       -       .
        Parent=Smp_028490.1;Name=c48bb2f3-
dbb2-418a-80e5-210df7958aa4
SM_V9_ZSR       iris    exon    3587290 3587543 .       -       .
        Parent=Smp_028490.1;Name=cd619d4a-
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SM_V9_ZSR       iris    CDS     3547439 3547856 .       -       1
        Parent=Smp_028490.1
SM_V9_ZSR       iris    CDS     3549479 3549599 .       -       2
        Parent=Smp_028490.1
SM_V9_ZSR       iris    CDS     3553788 3553955 .       -       2
        Parent=Smp_028490.1
SM_V9_ZSR       iris    CDS     3563828 3563918 .       -       0
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SM_V9_ZSR       iris    CDS     3581585 3581671 .       -       0
        Parent=Smp_028490.1
SM_V9_ZSR       iris    CDS     3587027 3587142 .       -       2
        Parent=Smp_028490.1
SM_V9_ZSR       iris    CDS     3587181 3587259 .       -       0
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SM_V9_ZSR       Liftoff gene    3588687 3663077 .       +       .

ID=Smp_332890;geneID=Smp_332890;previous_systematic_id=Smp_137550,Sm
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ID=Smp_332890.1;Parent=Smp_332890;geneID=Smp_332890;product=Dynein
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PR024317,IPR024743,IPR027417,IPR035699,IPR035706
Pfam:PF03028,PF07728,PF08393,PF12774,PF12775,PF12777,PF12780,PF12781
;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:0016887,GO:003028
6
SM_V9_ZSR       Liftoff exon    3588687 3591658 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3591693 3591765 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3591802 3591878 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3591913 3592001 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3592042 3592310 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3593838 3594255 .       +       .
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SM_V9_ZSR       Liftoff exon    3594308 3594465 .       +       .
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SM_V9_ZSR       Liftoff exon    3596708 3596937 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3601802 3602082 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3604357 3604507 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3605387 3605580 .       +       .
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SM_V9_ZSR       Liftoff exon    3606667 3606892 .       +       .
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SM_V9_ZSR       Liftoff exon    3608821 3609023 .       +       .
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        Parent=Smp_332890.1
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        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3616593 3617261 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3618313 3619560 .       +       .
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SM_V9_ZSR       Liftoff exon    3632887 3633960 .       +       .
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        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3640285 3642823 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3644052 3644203 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3646330 3646743 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3648072 3648296 .       +       .
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff exon    3648988 3649149 .       +       .
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SM_V9_ZSR       Liftoff exon    3653802 3654109 .       +       .
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SM_V9_ZSR       Liftoff CDS     3593838 3594255 .       +       2
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SM_V9_ZSR       Liftoff CDS     3596708 3596937 .       +       2
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SM_V9_ZSR       Liftoff CDS     3622743 3622834 .       +       2
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SM_V9_ZSR       Liftoff CDS     3625837 3625956 .       +       0
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SM_V9_ZSR       Liftoff CDS     3627900 3628055 .       +       0
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SM_V9_ZSR       Liftoff CDS     3630219 3630335 .       +       0
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SM_V9_ZSR       Liftoff CDS     3632887 3633960 .       +       0
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SM_V9_ZSR       Liftoff CDS     3635740 3635936 .       +       0
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SM_V9_ZSR       Liftoff CDS     3640285 3642823 .       +       0
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        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff CDS     3646330 3646743 .       +       0
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff CDS     3648072 3648296 .       +       0
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff CDS     3648988 3649149 .       +       0
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SM_V9_ZSR       Liftoff CDS     3650305 3650484 .       +       0
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff CDS     3651991 3652167 .       +       0
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SM_V9_ZSR       Liftoff CDS     3653802 3654109 .       +       0
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff CDS     3656119 3656470 .       +       1
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SM_V9_ZSR       Liftoff CDS     3659133 3659367 .       +       0
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SM_V9_ZSR       Liftoff CDS     3662640 3662761 .       +       2
        Parent=Smp_332890.1
SM_V9_ZSR       Liftoff gene    3663480 3670676 .       -       .

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SM_V9_ZSR       Liftoff mRNA    3663480 3670676 .       -       .

ID=Smp_335660.1;Parent=Smp_335660;geneID=Smp_335660;product=Uncharac
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Pfam:PF14969
SM_V9_ZSR       Liftoff exon    3663480 3670676 .       -       .
        Parent=Smp_335660.1
SM_V9_ZSR       Liftoff CDS     3664037 3664465 .       -       0
        Parent=Smp_335660.1
SM_V9_ZSR       Liftoff mRNA    3663481 3670661 .       -       .

ID=Smp_335660.2;Parent=Smp_335660;geneID=Smp_335660;product=Uncharac
terized protein C14orf119;polypeptide_domain=InterPro:IPR028019
Pfam:PF14969
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        Parent=Smp_335660.2
SM_V9_ZSR       Liftoff CDS     3664037 3664465 .       -       0
        Parent=Smp_335660.2
SM_V9_ZSR       Liftoff gene    3680687 3685989 .       +       .
        ID=Smp_028440;geneID=Smp_028440
SM_V9_ZSR       Liftoff mRNA    3680687 3685989 .       +       .

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A;polypeptide_domain=InterPro:IPR000043,IPR015878,IPR016040,IPR02008
2,IPR034373
Pfam:PF00670,PF05221;Ontology_term=GO:0004013,GO:0006730,GO:0019510,
GO:0051287
SM_V9_ZSR       Liftoff exon    3680687 3682109 .       +       .
        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff exon    3682152 3682471 .       +       .
        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff exon    3682504 3682716 .       +       .
        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff exon    3682753 3682947 .       +       .
        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff exon    3684051 3684464 .       +       .
        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff exon    3685763 3685989 .       +       .
        Parent=Smp_028440.1
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        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff CDS     3682152 3682471 .       +       2
        Parent=Smp_028440.1
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        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff CDS     3682753 3682947 .       +       0
        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff CDS     3684051 3684464 .       +       0
        Parent=Smp_028440.1
SM_V9_ZSR       Liftoff CDS     3685763 3685894 .       +       0
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SM_V9_ZSR       iris    gene    3687762 3693281 .       -       .

ID=Smp_028430;geneID=Smp_028430;gene_name=Smp_028430;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    3687762 3693281 .       -       .

ID=Smp_028430.1;Parent=Smp_028430;geneID=Smp_028430;gene_name=Smp_02
8430;owner=irisadmin@local.host;orig_id=Smp_028430.1;date_last_modif
ied=2022-07-18;Name=Smp_028430.1;product=Anaphase-promoting complex
subunit 11;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    3687762 3688203 .       -       .
        Parent=Smp_028430.1;Name=2fab40dc-33a4-4ffb-
a957-469dc09be5c3
SM_V9_ZSR       iris    exon    3691880 3691950 .       -       .

Parent=Smp_028430.1;Name=88a774d1-723c-4efe-8659-6b664f16db73
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SM_V9_ZSR       iris    CDS     3687961 3688203 .       -       0
        Parent=Smp_028430.1
SM_V9_ZSR       iris    CDS     3691880 3691945 .       -       0
        Parent=Smp_028430.1
SM_V9_ZSR       Liftoff gene    3695458 3712144 .       -       .
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SM_V9_ZSR       Liftoff mRNA    3695458 3712144 .       -       .

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apoptosis-inducing factor 1,
mitochondrial;polypeptide_domain=InterPro:IPR016156,IPR023753,IPR029
324
Pfam:PF07992,PF14721;Ontology_term=GO:0016491,GO:0046983,GO:0050660,
GO:0055114
SM_V9_ZSR       Liftoff exon    3695458 3696514 .       -       .
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff exon    3697714 3698215 .       -       .
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff exon    3698910 3699149 .       -       .
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff exon    3699357 3699714 .       -       .
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff exon    3707818 3708053 .       -       .
        Parent=Smp_137540.1
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        Parent=Smp_137540.1
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        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff CDS     3698910 3699149 .       -       1
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff CDS     3699357 3699714 .       -       2
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff CDS     3707818 3708053 .       -       1
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff CDS     3711755 3712137 .       -       0
        Parent=Smp_137540.1
SM_V9_ZSR       Liftoff gene    3712239 3720023 .       -       .
        ID=Smp_028410;geneID=Smp_028410
SM_V9_ZSR       Liftoff mRNA    3712239 3720023 .       -       .

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        Parent=Smp_028410.1
SM_V9_ZSR       Liftoff exon    3712709 3712743 .       -       .
        Parent=Smp_028410.1
SM_V9_ZSR       Liftoff exon    3712788 3712897 .       -       .
        Parent=Smp_028410.1
SM_V9_ZSR       Liftoff exon    3712945 3720023 .       -       .
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        Parent=Smp_028410.1
SM_V9_ZSR       Liftoff CDS     3712709 3712743 .       -       1
        Parent=Smp_028410.1
SM_V9_ZSR       Liftoff CDS     3712788 3712897 .       -       0
        Parent=Smp_028410.1
SM_V9_ZSR       Liftoff CDS     3712945 3712947 .       -       0
        Parent=Smp_028410.1
SM_V9_ZSR       iris    gene    3727440 3770523 .       +       .

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7530;owner=irisadmin@local.host;orig_id=Smp_137530.1;date_last_modif
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factor;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    3727440 3727736 .       +       .
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a88e-5690086a216c
SM_V9_ZSR       iris    exon    3733449 3733636 .       +       .
        Parent=Smp_137530.1;Name=00536428-7e00-443c-
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SM_V9_ZSR       iris    exon    3735354 3735850 .       +       .
        Parent=Smp_137530.1;Name=38b364b8-afd3-4db3-9677-
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SM_V9_ZSR       iris    exon    3736328 3736383 .       +       .
        Parent=Smp_137530.1;Name=6fb9aef2-5a99-43ac-81ef-
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SM_V9_ZSR       iris    exon    3739623 3739678 .       +       .

Parent=Smp_137530.1;Name=b5acc7e4-1695-4676-91bc-01ad443348f0
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SM_V9_ZSR       iris    exon    3748640 3748807 .       +       .
        Parent=Smp_137530.1;Name=36af61d0-36c0-459a-97f5-
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SM_V9_ZSR       iris    exon    3749590 3749675 .       +       .
        Parent=Smp_137530.1;Name=d13edabc-ec27-44c0-9cfa-
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SM_V9_ZSR       iris    exon    3750727 3750788 .       +       .
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SM_V9_ZSR       iris    exon    3754203 3754267 .       +       .
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SM_V9_ZSR       iris    exon    3755601 3755808 .       +       .
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        Parent=Smp_137530.1;Name=22c18974-
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SM_V9_ZSR       iris    exon    3762124 3762316 .       +       .

Parent=Smp_137530.1;Name=3cac75da-36bb-4f14-94fc-6f0df370c91c
SM_V9_ZSR       iris    exon    3763925 3764144 .       +       .

Parent=Smp_137530.1;Name=832ad9cf-68bc-4b1f-8a3f-48f834bb552b
SM_V9_ZSR       iris    exon    3766111 3766206 .       +       .

Parent=Smp_137530.1;Name=b02f7ab7-714c-499e-93c1-06a9f05efeda
SM_V9_ZSR       iris    exon    3768496 3768864 .       +       .
        Parent=Smp_137530.1;Name=ae6ff2d6-a77c-43f7-
b5da-9b91c13101fe
SM_V9_ZSR       iris    exon    3769891 3770523 .       +       .
        Parent=Smp_137530.1;Name=5ebd56c9-3a9c-41d8-
b9ec-23099049d855
SM_V9_ZSR       iris    CDS     3727445 3727736 .       +       0
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3733449 3733636 .       +       2
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3735354 3735850 .       +       0
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3736328 3736383 .       +       1
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3739623 3739678 .       +       2
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3740711 3740814 .       +       0
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3746509 3746727 .       +       1
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3748640 3748807 .       +       1
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3749590 3749675 .       +       1
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3750727 3750788 .       +       2
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3754203 3754267 .       +       0
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3755601 3755808 .       +       1
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3759299 3759458 .       +       0
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3762124 3762316 .       +       2
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3763925 3764144 .       +       1
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3766111 3766206 .       +       0
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3768496 3768864 .       +       0
        Parent=Smp_137530.1
SM_V9_ZSR       iris    CDS     3769891 3769917 .       +       0
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        Parent=Smp_137530.1
SM_V9_ZSR       Liftoff gene    3781647 3809367 .       +       .

ID=Smp_346920;geneID=Smp_346920;previous_systematic_id=Smp_196010
SM_V9_ZSR       Liftoff mRNA    3781647 3809367 .       +       .

ID=Smp_346920.1;Parent=Smp_346920;geneID=Smp_346920;product=Stomatin
-like protein 1;polypeptide_domain=InterPro:IPR001107,IPR003033
Pfam:PF01145
SM_V9_ZSR       Liftoff exon    3781647 3781712 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3788452 3788812 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3790862 3791007 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3792702 3792768 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3798776 3798858 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3803429 3803641 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3805215 3805270 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3806391 3806956 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff exon    3808618 3809367 .       +       .
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3781710 3781712 .       +       0
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3788452 3788812 .       +       0
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3790862 3791007 .       +       2
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3792702 3792768 .       +       0
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3798776 3798858 .       +       2
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3803429 3803641 .       +       0
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3805215 3805270 .       +       0
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3806391 3806956 .       +       1
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff CDS     3808618 3808817 .       +       2
        Parent=Smp_346920.1
SM_V9_ZSR       Liftoff gene    3822181 3827943 .       -       .
        ID=Smp_204380;geneID=Smp_204380
SM_V9_ZSR       Liftoff mRNA    3822181 3827943 .       -       .

ID=Smp_204380.1;Parent=Smp_204380;geneID=Smp_204380;product=Transcri
ption factor
MafG;polypeptide_domain=InterPro:IPR004826,IPR004827,IPR008917
Pfam:PF03131;Ontology_term=GO:0003677,GO:0003700,GO:0005634,GO:00063
55
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SM_V9_ZSR       Liftoff exon    3822181 3823101 .       -       .
        Parent=Smp_204380.1
SM_V9_ZSR       Liftoff exon    3825988 3827943 .       -       .
        Parent=Smp_204380.1
SM_V9_ZSR       Liftoff CDS     3822577 3823101 .       -       0
        Parent=Smp_204380.1
SM_V9_ZSR       Liftoff CDS     3825988 3826209 .       -       0
        Parent=Smp_204380.1
SM_V9_ZSR       iris    gene    3834076 3855409 .       +       .

ID=Smp_343170;geneID=Smp_343170;gene_name=Smp_343170;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    3834076 3855409 .       +       .

ID=Smp_343170.2;Parent=Smp_343170;geneID=Smp_343170;gene_name=Smp_34
3170;owner=irisadmin@local.host;date_last_modified=2022-07-18;Name=S
mp_343170.2;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    3834076 3834402 .       +       .
        Parent=Smp_343170.2;Name=cbb92c74-0e4d-4692-a0a7-
bce00f3e06ef
SM_V9_ZSR       iris    exon    3837055 3837246 .       +       .
        Parent=Smp_343170.2;Name=25829116-
e9e0-45d6-887b-95f79cbe4c93
SM_V9_ZSR       iris    exon    3837297 3837367 .       +       .
        Parent=Smp_343170.2;Name=02e83841-edd4-4944-ae35-
efbbe282198a
SM_V9_ZSR       iris    exon    3837423 3837468 .       +       .
        Parent=Smp_343170.2;Name=d25380cc-
a821-4ca6-811a-38ef356996cf
SM_V9_ZSR       iris    exon    3839708 3839893 .       +       .

Parent=Smp_343170.2;Name=09bce810-912e-4808-87be-281629354508
SM_V9_ZSR       iris    exon    3847786 3847841 .       +       .
        Parent=Smp_343170.2;Name=7f344b4e-cb28-433c-
b3a9-41f577b7ddde
SM_V9_ZSR       iris    exon    3850187 3850349 .       +       .
        Parent=Smp_343170.2;Name=308b600a-
f63d-490d-9cb5-7c8e336cdd7a
SM_V9_ZSR       iris    exon    3851445 3851535 .       +       .

Parent=Smp_343170.2;Name=f0b6ae51-5d90-46cb-840d-7bb09d5cf749
SM_V9_ZSR       iris    exon    3853017 3853218 .       +       .
        Parent=Smp_343170.2;Name=a1cb79df-f775-48e7-
b1ea-8b6945850aa2
SM_V9_ZSR       iris    exon    3853981 3854148 .       +       .
        Parent=Smp_343170.2;Name=619ef145-
a988-423d-9eb9-692bcd804be8
SM_V9_ZSR       iris    exon    3854966 3855409 .       +       .
        Parent=Smp_343170.2;Name=8870ffbc-4f85-43d4-
baa5-4efbe24c204b
SM_V9_ZSR       iris    CDS     3837082 3837246 .       +       0
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3837297 3837367 .       +       0
        Parent=Smp_343170.2
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SM_V9_ZSR       iris    CDS     3837423 3837468 .       +       1
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3839708 3839893 .       +       0
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3847786 3847841 .       +       0
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3850187 3850349 .       +       1
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3851445 3851535 .       +       0
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3853017 3853218 .       +       2
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3853981 3854148 .       +       1
        Parent=Smp_343170.2
SM_V9_ZSR       iris    CDS     3854966 3855140 .       +       1
        Parent=Smp_343170.2
SM_V9_ZSR       iris    mRNA    3834937 3855409 .       +       .

ID=Smp_343170.1;Parent=Smp_343170;geneID=Smp_343170;gene_name=Smp_34
3170;owner=irisadmin@local.host;orig_id=Smp_343170.1;date_last_modif
ied=2022-07-18;Name=Smp_343170.1;product=L-threonine ammonia-
lyase;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    3834937 3835027 .       +       .
        Parent=Smp_343170.1;Name=f1016e88-ebb1-47f0-
b97a-249378d93d94
SM_V9_ZSR       iris    exon    3837055 3837246 .       +       .
        Parent=Smp_343170.1;Name=88f423d1-d086-42ef-
a16e-132400376cc4
SM_V9_ZSR       iris    exon    3837297 3837367 .       +       .
        Parent=Smp_343170.1;Name=76bc88df-3656-4f03-
bce2-9a0b16355ee8
SM_V9_ZSR       iris    exon    3837423 3837468 .       +       .
        Parent=Smp_343170.1;Name=66769a4b-455c-4ee3-8f77-
eec7e98ced7d
SM_V9_ZSR       iris    exon    3839708 3839893 .       +       .
        Parent=Smp_343170.1;Name=d19b7de6-47e0-4a6c-bc30-
abd1826c8ea0
SM_V9_ZSR       iris    exon    3847786 3847841 .       +       .
        Parent=Smp_343170.1;Name=210b4532-9d90-4f52-b492-
dee33109c910
SM_V9_ZSR       iris    exon    3850187 3850349 .       +       .

Parent=Smp_343170.1;Name=4ccdeb28-23cb-4576-89ad-2821988023f1
SM_V9_ZSR       iris    exon    3851445 3851535 .       +       .
        Parent=Smp_343170.1;Name=31cfd6e5-420b-4062-
aeaf-9ac9e1946b48
SM_V9_ZSR       iris    exon    3853017 3853218 .       +       .

Parent=Smp_343170.1;Name=a2a90c78-2cb0-406a-83c8-69a3d31fd396
SM_V9_ZSR       iris    exon    3853981 3854148 .       +       .
        Parent=Smp_343170.1;Name=1308daaf-8908-4b90-ba62-
c055a4a14254
SM_V9_ZSR       iris    exon    3854966 3855409 .       +       .
        Parent=Smp_343170.1;Name=71de29f8-1b9c-44fa-
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a29e-94f557348dbc
SM_V9_ZSR       iris    CDS     3837082 3837246 .       +       0
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3837297 3837367 .       +       0
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3837423 3837468 .       +       1
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3839708 3839893 .       +       0
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3847786 3847841 .       +       0
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3850187 3850349 .       +       1
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3851445 3851535 .       +       0
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3853017 3853218 .       +       2
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3853981 3854148 .       +       1
        Parent=Smp_343170.1
SM_V9_ZSR       iris    CDS     3854966 3855140 .       +       1
        Parent=Smp_343170.1
SM_V9_ZSR       Liftoff gene    3880297 3898631 .       +       .

ID=Smp_341820;geneID=Smp_341820;previous_systematic_id=Smp_115510
SM_V9_ZSR       Liftoff mRNA    3880297 3898631 .       +       .

ID=Smp_341820.1;Parent=Smp_341820;geneID=Smp_341820;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    3880297 3880992 .       +       .
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff exon    3893628 3893739 .       +       .
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff exon    3895672 3895708 .       +       .
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff exon    3895757 3895853 .       +       .
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff exon    3895907 3895966 .       +       .
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SM_V9_ZSR       Liftoff exon    3898470 3898631 .       +       .
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff CDS     3880323 3880992 .       +       0
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff CDS     3893628 3893739 .       +       2
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff CDS     3895672 3895708 .       +       1
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff CDS     3895757 3895853 .       +       0
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff CDS     3895907 3895966 .       +       2
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff CDS     3898470 3898474 .       +       2
        Parent=Smp_341820.1
SM_V9_ZSR       Liftoff gene    3900263 3906283 .       -       .
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ID=Smp_340560;geneID=Smp_340560;previous_systematic_id=Smp_028370
SM_V9_ZSR       Liftoff mRNA    3900263 3906283 .       -       .

ID=Smp_340560.1;Parent=Smp_340560;geneID=Smp_340560;product=Tctex1
domain-containing protein 1;polypeptide_domain=InterPro:IPR005334
Pfam:PF03645
SM_V9_ZSR       Liftoff exon    3900263 3900639 .       -       .
        Parent=Smp_340560.1
SM_V9_ZSR       Liftoff exon    3902138 3906283 .       -       .
        Parent=Smp_340560.1
SM_V9_ZSR       Liftoff CDS     3900334 3900639 .       -       0
        Parent=Smp_340560.1
SM_V9_ZSR       Liftoff CDS     3902138 3902413 .       -       0
        Parent=Smp_340560.1
SM_V9_ZSR       iris    gene    3920433 3930960 .       +       .

ID=Smp_028360;geneID=Smp_028360;gene_name=Smp_028360;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    3920433 3930960 .       +       .

ID=Smp_028360.1;Parent=Smp_028360;geneID=Smp_028360;gene_name=Smp_02
8360;owner=irisadmin@local.host;orig_id=Smp_028360.1;date_last_modif
ied=2022-08-02;Name=Smp_028360.1;product=Tubulin epsilon
chain;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    3920433 3920597 .       +       .
        Parent=Smp_028360.1;Name=3d166236-3940-4d19-
bffd-48a031cec177
SM_V9_ZSR       iris    exon    3920639 3920712 .       +       .
        Parent=Smp_028360.1;Name=6ce14fd2-4040-4c2b-
b48f-24e3a878d165
SM_V9_ZSR       iris    exon    3920750 3920845 .       +       .
        Parent=Smp_028360.1;Name=b34d9196-145f-4b6b-
b859-84cee790023f
SM_V9_ZSR       iris    exon    3920877 3920992 .       +       .
        Parent=Smp_028360.1;Name=95e71b58-4955-4819-
a688-43d6d975b403
SM_V9_ZSR       iris    exon    3921034 3921155 .       +       .

Parent=Smp_028360.1;Name=8ec9942b-8d1b-4f18-9e23-1c81e0eb0b20
SM_V9_ZSR       iris    exon    3921190 3921256 .       +       .

Parent=Smp_028360.1;Name=6d0362db-2272-4186-8f8a-20ff275dbf5e
SM_V9_ZSR       iris    exon    3921286 3921570 .       +       .
        Parent=Smp_028360.1;Name=040770c8-9221-4552-
a4f3-5248f20fee7e
SM_V9_ZSR       iris    exon    3923244 3923381 .       +       .
        Parent=Smp_028360.1;Name=1cd73c9c-08fa-419a-
b8b7-26369c2690bf
SM_V9_ZSR       iris    exon    3924928 3925068 .       +       .
        Parent=Smp_028360.1;Name=b3d0b7be-d584-4e60-89e8-
b66819be9085
SM_V9_ZSR       iris    exon    3925847 3926021 .       +       .
        Parent=Smp_028360.1;Name=47122a3a-0149-404a-88d3-
fd243122cf6e
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SM_V9_ZSR       iris    exon    3930519 3930960 .       +       .
        Parent=Smp_028360.1;Name=1e32301a-
f456-48df-8072-25723fc697cf
SM_V9_ZSR       iris    CDS     3920573 3920597 .       +       0
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3920639 3920712 .       +       2
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3920750 3920845 .       +       0
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3920877 3920992 .       +       0
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3921034 3921155 .       +       1
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3921190 3921256 .       +       2
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3921286 3921570 .       +       1
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3923244 3923381 .       +       1
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3924928 3925068 .       +       1
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3925847 3926021 .       +       1
        Parent=Smp_028360.1
SM_V9_ZSR       iris    CDS     3930519 3930680 .       +       0
        Parent=Smp_028360.1
SM_V9_ZSR       iris    gene    3933768 3959380 .       -       .

ID=Smp_198680;geneID=Smp_198680;gene_name=Smp_198680;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    3933768 3959379 .       -       .

ID=Smp_198680.2;Parent=Smp_198680;geneID=Smp_198680;gene_name=Smp_19
8680;owner=irisadmin@local.host;orig_id=Smp_198680.2;date_last_modif
ied=2022-08-02;Name=Smp_198680.2;product=Protein unc-45 homolog
A;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    3933768 3934476 .       -       .
        Parent=Smp_198680.2;Name=b0ddb7ba-2b06-4357-b0b1-
fd58af05417b
SM_V9_ZSR       iris    exon    3936717 3937038 .       -       .
        Parent=Smp_198680.2;Name=11842828-63ee-4f19-b899-
f7df31a0b9c8
SM_V9_ZSR       iris    exon    3938328 3938443 .       -       .
        Parent=Smp_198680.2;Name=cfd2cc65-ed5b-4c08-
bfb0-873a3d66d904
SM_V9_ZSR       iris    exon    3939847 3940033 .       -       .

Parent=Smp_198680.2;Name=fc74e2c5-97d5-4668-9a99-9fa29902969f
SM_V9_ZSR       iris    exon    3943075 3943352 .       -       .
        Parent=Smp_198680.2;Name=653708a8-
f44a-42dc-81a0-19949522d483
SM_V9_ZSR       iris    exon    3943954 3944124 .       -       .
        Parent=Smp_198680.2;Name=bf08f7ba-af5b-48b6-
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SM_V9_ZSR       iris    exon    3945316 3945744 .       -       .
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        Parent=Smp_198680.2;Name=b550a713-f624-4a6f-8478-
d5aa726deacd
SM_V9_ZSR       iris    exon    3948748 3948882 .       -       .
        Parent=Smp_198680.2;Name=802d781d-fe2a-4f6f-
a9cd-2b9b3f01a68c
SM_V9_ZSR       iris    exon    3950430 3950592 .       -       .

Parent=Smp_198680.2;Name=1f0618f9-6ec2-4bde-9a40-93bd831b2d05
SM_V9_ZSR       iris    exon    3952654 3952924 .       -       .

Parent=Smp_198680.2;Name=abbe03ae-4b56-41df-8599-049d83b1740e
SM_V9_ZSR       iris    exon    3954307 3954474 .       -       .

Parent=Smp_198680.2;Name=eea0f997-17b7-48f4-96dd-677db8cfc180
SM_V9_ZSR       iris    exon    3955749 3955968 .       -       .

Parent=Smp_198680.2;Name=69792e63-2d80-4141-8bff-3b3654462fc0
SM_V9_ZSR       iris    exon    3957512 3957685 .       -       .

Parent=Smp_198680.2;Name=ac3e2cf8-97ea-4932-86c7-5a076f24f2d1
SM_V9_ZSR       iris    exon    3957728 3957993 .       -       .
        Parent=Smp_198680.2;Name=b88518c7-ed59-4bfa-a476-
b701f170aa3e
SM_V9_ZSR       iris    exon    3958032 3959379 .       -       .
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SM_V9_ZSR       iris    CDS     3934126 3934476 .       -       0
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SM_V9_ZSR       iris    CDS     3936717 3937038 .       -       1
        Parent=Smp_198680.2
SM_V9_ZSR       iris    CDS     3938328 3938443 .       -       0
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SM_V9_ZSR       iris    CDS     3939847 3940033 .       -       1
        Parent=Smp_198680.2
SM_V9_ZSR       iris    CDS     3943075 3943352 .       -       0
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SM_V9_ZSR       iris    CDS     3943954 3944124 .       -       0
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SM_V9_ZSR       iris    CDS     3945316 3945744 .       -       0
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SM_V9_ZSR       iris    CDS     3948748 3948882 .       -       0
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SM_V9_ZSR       iris    CDS     3950430 3950592 .       -       1
        Parent=Smp_198680.2
SM_V9_ZSR       iris    CDS     3952654 3952924 .       -       2
        Parent=Smp_198680.2
SM_V9_ZSR       iris    CDS     3954307 3954474 .       -       2
        Parent=Smp_198680.2
SM_V9_ZSR       iris    CDS     3955749 3955968 .       -       0
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SM_V9_ZSR       iris    CDS     3957512 3957685 .       -       0
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SM_V9_ZSR       iris    CDS     3957728 3957993 .       -       2
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ied=2022-07-17;Name=Smp_198680.1;product=Protein unc-45 homolog
B;date_creation=2022-07-17
SM_V9_ZSR       iris    exon    3933768 3934476 .       -       .

Parent=Smp_198680.1;Name=c07664d1-4594-4858-8af8-9fc6a4a57b57
SM_V9_ZSR       iris    exon    3936717 3937038 .       -       .
        Parent=Smp_198680.1;Name=a4447aaa-4826-403a-
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SM_V9_ZSR       iris    exon    3939847 3940033 .       -       .
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cf10af139db7
SM_V9_ZSR       iris    exon    3943075 3943352 .       -       .
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SM_V9_ZSR       iris    exon    3945316 3945744 .       -       .
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SM_V9_ZSR       iris    exon    3948748 3948882 .       -       .
        Parent=Smp_198680.1;Name=fa6b346b-167c-454c-b68f-
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SM_V9_ZSR       iris    exon    3950430 3950592 .       -       .
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SM_V9_ZSR       iris    exon    3952654 3952924 .       -       .
        Parent=Smp_198680.1;Name=29c03747-c510-472f-bcac-
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SM_V9_ZSR       iris    exon    3954307 3954474 .       -       .
        Parent=Smp_198680.1;Name=7c10e509-7ded-47d0-86c4-
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SM_V9_ZSR       iris    exon    3955749 3955968 .       -       .
        Parent=Smp_198680.1;Name=b5901449-4ee5-4c4b-9fb5-
ae05a7d2c5f4
SM_V9_ZSR       iris    exon    3957512 3957685 .       -       .
        Parent=Smp_198680.1;Name=68951580-d17f-4a02-
b99e-37a4a2b0b0fe
SM_V9_ZSR       iris    exon    3957728 3957993 .       -       .

Parent=Smp_198680.1;Name=a12e2a6c-1441-42fa-8d6e-125d55932fb7
SM_V9_ZSR       iris    exon    3958032 3959380 .       -       .
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SM_V9_ZSR       iris    CDS     3934126 3934476 .       -       0
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3936717 3937038 .       -       1
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SM_V9_ZSR       iris    CDS     3938328 3938443 .       -       0
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SM_V9_ZSR       iris    CDS     3939847 3940033 .       -       1
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3943075 3943352 .       -       0
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SM_V9_ZSR       iris    CDS     3945316 3945744 .       -       0
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SM_V9_ZSR       iris    CDS     3948748 3948882 .       -       0
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3950430 3950592 .       -       1
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3952654 3952924 .       -       2
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3954307 3954474 .       -       2
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3955749 3955968 .       -       0
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3957512 3957685 .       -       0
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3957728 3957993 .       -       2
        Parent=Smp_198680.1
SM_V9_ZSR       iris    CDS     3958032 3958233 .       -       0
        Parent=Smp_198680.1
SM_V9_ZSR       Liftoff gene    3975895 3977610 .       +       .
        ID=Smp_322220;geneID=Smp_322220
SM_V9_ZSR       Liftoff mRNA    3975895 3977610 .       +       .

ID=Smp_322220.1;Parent=Smp_322220;geneID=Smp_322220;product=60S
ribosomal protein
L18a;polypeptide_domain=InterPro:IPR021138,IPR023573,IPR028877
Pfam:PF01775;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_ZSR       Liftoff exon    3975895 3976018 .       +       .
        Parent=Smp_322220.1
SM_V9_ZSR       Liftoff exon    3976055 3976234 .       +       .
        Parent=Smp_322220.1
SM_V9_ZSR       Liftoff exon    3977137 3977610 .       +       .
        Parent=Smp_322220.1
SM_V9_ZSR       Liftoff CDS     3976001 3976018 .       +       0
        Parent=Smp_322220.1
SM_V9_ZSR       Liftoff CDS     3976055 3976234 .       +       0
        Parent=Smp_322220.1
SM_V9_ZSR       Liftoff CDS     3977137 3977469 .       +       0
        Parent=Smp_322220.1
SM_V9_ZSR       Liftoff gene    3984032 3984208 .       -       .
        ID=Smp_204370;geneID=Smp_204370
SM_V9_ZSR       Liftoff mRNA    3984032 3984208 .       -       .

ID=Smp_204370.1;Parent=Smp_204370;geneID=Smp_204370;product=Polycyst
ic kidney disease protein 1-like 3
SM_V9_ZSR       Liftoff exon    3984032 3984208 .       -       .
        Parent=Smp_204370.1
SM_V9_ZSR       Liftoff CDS     3984032 3984208 .       -       0
        Parent=Smp_204370.1
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SM_V9_ZSR       Liftoff gene    4017335 4032389 .       +       .
        ID=Smp_028340;geneID=Smp_028340
SM_V9_ZSR       Liftoff mRNA    4017335 4032389 .       +       .

ID=Smp_028340.1;Parent=Smp_028340;geneID=Smp_028340;product=Ribosome
production factor 2 homolog;polypeptide_domain=InterPro:IPR007109
Pfam:PF04427
SM_V9_ZSR       Liftoff exon    4017335 4021606 .       +       .
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff exon    4021639 4021771 .       +       .
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff exon    4021805 4021882 .       +       .
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff exon    4021917 4022075 .       +       .
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff exon    4022112 4022211 .       +       .
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff exon    4022246 4022502 .       +       .
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff exon    4032060 4032389 .       +       .
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff CDS     4021584 4021606 .       +       0
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff CDS     4021639 4021771 .       +       1
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff CDS     4021805 4021882 .       +       0
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff CDS     4021917 4022075 .       +       0
        Parent=Smp_028340.1
SM_V9_ZSR       Liftoff CDS     4022112 4022211 .       +       0
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SM_V9_ZSR       Liftoff CDS     4022246 4022502 .       +       2
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SM_V9_ZSR       Liftoff CDS     4032060 4032347 .       +       0
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SM_V9_ZSR       iris    gene    4036079 4039587 .       -       .

ID=Smp_028330;geneID=Smp_028330;gene_name=Smp_028330;owner=irisadmin
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ID=Smp_028330.1;Parent=Smp_028330;geneID=Smp_028330;gene_name=Smp_02
8330;owner=irisadmin@local.host;orig_id=Smp_028330.1;date_last_modif
ied=2022-07-18;Name=Smp_028330.1;product=Coiled-coil domain-
containing protein 25;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    4036079 4036685 .       -       .

Parent=Smp_028330.1;Name=4bf694f4-3392-460d-9e56-3c5fd2108c6c
SM_V9_ZSR       iris    exon    4039270 4039587 .       -       .
        Parent=Smp_028330.1;Name=085ea11e-409b-4586-b51d-
f5ad77b0e814
SM_V9_ZSR       iris    CDS     4036299 4036685 .       -       0
        Parent=Smp_028330.1
SM_V9_ZSR       iris    CDS     4039270 4039509 .       -       0
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        Parent=Smp_028330.1
SM_V9_ZSR       iris    gene    4055395 4084163 .       +       .

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@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    4055395 4084163 .       +       .

ID=Smp_346990.1;Parent=Smp_346990;geneID=Smp_346990;gene_name=Smp_34
6990;owner=irisadmin@local.host;orig_id=Smp_346990.3;date_last_modif
ied=2022-07-17;Name=Smp_346990.1;product=Hydroxymethylglutaryl-CoA
synthase, mitochondrial;date_creation=2022-07-17
SM_V9_ZSR       iris    exon    4055395 4055429 .       +       .
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SM_V9_ZSR       iris    exon    4062539 4062800 .       +       .
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ada4-438ba48eb362
SM_V9_ZSR       iris    exon    4063574 4063748 .       +       .

Parent=Smp_346990.1;Name=f0f11261-4bef-4b77-8e11-9a69f234d779
SM_V9_ZSR       iris    exon    4064281 4064406 .       +       .

Parent=Smp_346990.1;Name=eec4aee2-4cac-4203-8168-90cae74737d0
SM_V9_ZSR       iris    exon    4067530 4067685 .       +       .
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SM_V9_ZSR       iris    exon    4068808 4069123 .       +       .
        Parent=Smp_346990.1;Name=dfdac6b6-b270-4f02-9c1c-
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SM_V9_ZSR       iris    exon    4069757 4069906 .       +       .
        Parent=Smp_346990.1;Name=6e3e23dc-583b-4b91-83d5-
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SM_V9_ZSR       iris    exon    4078630 4078874 .       +       .
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SM_V9_ZSR       iris    exon    4081101 4081213 .       +       .
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SM_V9_ZSR       iris    exon    4083630 4084163 .       +       .
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SM_V9_ZSR       iris    CDS     4062539 4062800 .       +       1
        Parent=Smp_346990.1
SM_V9_ZSR       iris    CDS     4063574 4063748 .       +       0
        Parent=Smp_346990.1
SM_V9_ZSR       iris    CDS     4064281 4064406 .       +       2
        Parent=Smp_346990.1
SM_V9_ZSR       iris    CDS     4067530 4067685 .       +       2
        Parent=Smp_346990.1
SM_V9_ZSR       iris    CDS     4068808 4069123 .       +       2
        Parent=Smp_346990.1
SM_V9_ZSR       iris    CDS     4069757 4069906 .       +       1
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SM_V9_ZSR       iris    CDS     4081101 4081207 .       +       2
        Parent=Smp_346990.1
SM_V9_ZSR       Liftoff gene    4118790 4159541 .       -       .

ID=Smp_343160;geneID=Smp_343160;previous_systematic_id=Smp_137490
SM_V9_ZSR       Liftoff mRNA    4118790 4159541 .       -       .

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scribble homolog;polypeptide_domain=InterPro:IPR001478
Pfam:PF00595;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    4118790 4119495 .       -       .
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff exon    4127417 4127498 .       -       .
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff exon    4129932 4130101 .       -       .
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff exon    4139725 4140249 .       -       .
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff exon    4143196 4159541 .       -       .
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff CDS     4118860 4119495 .       -       0
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff CDS     4127417 4127498 .       -       1
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff CDS     4129932 4130101 .       -       0
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff CDS     4139725 4140249 .       -       0
        Parent=Smp_343160.1
SM_V9_ZSR       Liftoff CDS     4143196 4144005 .       -       0
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ID=Smp_332900;geneID=Smp_332900;previous_systematic_id=Smp_137440,Sm
p_137480
SM_V9_ZSR       Liftoff mRNA    4227745 4280898 .       +       .

ID=Smp_332900.1;Parent=Smp_332900;geneID=Smp_332900;product=Protein
FAM135B;polypeptide_domain=InterPro:IPR007751,IPR022122,IPR029058
Pfam:PF05057,PF12394
SM_V9_ZSR       Liftoff exon    4227745 4228846 .       +       .
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SM_V9_ZSR       Liftoff exon    4228888 4229259 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4234964 4235137 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4236799 4236901 .       +       .
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        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4247843 4247892 .       +       .
        Parent=Smp_332900.1
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SM_V9_ZSR       Liftoff exon    4249202 4249357 .       +       .
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SM_V9_ZSR       Liftoff exon    4250356 4250429 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4252561 4253024 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4259634 4260150 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4261328 4261885 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4266765 4266803 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4269009 4269990 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4271865 4272225 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4273564 4273753 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4275959 4276338 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff exon    4277876 4280898 .       +       .
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4228770 4228846 .       +       0
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4228888 4229259 .       +       1
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4234964 4235137 .       +       1
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4236799 4236901 .       +       1
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4244156 4244288 .       +       0
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4247843 4247892 .       +       2
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4249202 4249357 .       +       0
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        Parent=Smp_332900.1
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        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4259634 4260150 .       +       2
        Parent=Smp_332900.1
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        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4266765 4266803 .       +       1
        Parent=Smp_332900.1
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        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4271865 4272225 .       +       0
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4273564 4273753 .       +       2
        Parent=Smp_332900.1
SM_V9_ZSR       Liftoff CDS     4275959 4276338 .       +       1
        Parent=Smp_332900.1
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SM_V9_ZSR       Liftoff CDS     4277876 4278081 .       +       2
        Parent=Smp_332900.1
SM_V9_ZSR       iris    gene    4295323 4304481 .       -       .

ID=Smp_028210;geneID=Smp_028210;gene_name=Smp_028210;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    4295323 4304481 .       -       .

ID=Smp_028210.1;Parent=Smp_028210;geneID=Smp_028210;gene_name=Smp_02
8210;owner=irisadmin@local.host;orig_id=Smp_028210.2;date_last_modif
ied=2022-07-09;Name=Smp_028210.1;product=Calcyphosin-like
protein;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    4295323 4296047 .       -       .
        Parent=Smp_028210.1;Name=9e7744e8-2fc1-42c7-
ae45-0be6d2df7aa1
SM_V9_ZSR       iris    exon    4301939 4302067 .       -       .
        Parent=Smp_028210.1;Name=c503a9a0-b029-425a-
aaf4-0a0c154a29aa
SM_V9_ZSR       iris    exon    4303930 4304218 .       -       .
        Parent=Smp_028210.1;Name=a8017b6f-5e07-4626-
ab45-7058465284f8
SM_V9_ZSR       iris    exon    4304265 4304481 .       -       .
        Parent=Smp_028210.1;Name=c975b6df-805a-445d-854b-
e0eb6741a110
SM_V9_ZSR       iris    CDS     4295946 4296047 .       -       0
        Parent=Smp_028210.1
SM_V9_ZSR       iris    CDS     4301939 4302067 .       -       0
        Parent=Smp_028210.1
SM_V9_ZSR       iris    CDS     4303930 4304218 .       -       1
        Parent=Smp_028210.1
SM_V9_ZSR       iris    CDS     4304265 4304398 .       -       0
        Parent=Smp_028210.1
SM_V9_ZSR       iris    mRNA    4295323 4304481 .       -       .

ID=Smp_028210.2;Parent=Smp_028210;geneID=Smp_028210;gene_name=Smp_02
8210;owner=irisadmin@local.host;orig_id=Smp_028210.1;date_last_modif
ied=2022-07-09;Name=Smp_028210.2;product=Calcyphosin-like
protein;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    4295323 4296047 .       -       .
        Parent=Smp_028210.2;Name=f6ddd278-553c-4398-b39a-
a224c6b573cb
SM_V9_ZSR       iris    exon    4300899 4301010 .       -       .
        Parent=Smp_028210.2;Name=9f442496-e573-40a0-
b88e-8b68811ba4f6
SM_V9_ZSR       iris    exon    4301939 4302067 .       -       .
        Parent=Smp_028210.2;Name=d9758f72-3d51-45ec-8e41-
cc7880c85cb4
SM_V9_ZSR       iris    exon    4303930 4304218 .       -       .

Parent=Smp_028210.2;Name=dcbb082c-5c96-4f28-986e-2daa76e61994
SM_V9_ZSR       iris    exon    4304265 4304481 .       -       .
        Parent=Smp_028210.2;Name=b1380d59-2824-4b71-b99f-
d4d81911558a
SM_V9_ZSR       iris    CDS     4300909 4301010 .       -       0
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        Parent=Smp_028210.2
SM_V9_ZSR       iris    CDS     4301939 4302067 .       -       0
        Parent=Smp_028210.2
SM_V9_ZSR       iris    CDS     4303930 4304218 .       -       1
        Parent=Smp_028210.2
SM_V9_ZSR       iris    CDS     4304265 4304398 .       -       0
        Parent=Smp_028210.2
SM_V9_ZSR       iris    gene    4308738 4334358 .       +       .

ID=Smp_028200;geneID=Smp_028200;gene_name=Smp_028200;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    4308738 4334358 .       +       .

ID=Smp_028200.1;Parent=Smp_028200;geneID=Smp_028200;gene_name=Smp_02
8200;owner=irisadmin@local.host;orig_id=Smp_028200.1;date_last_modif
ied=2022-07-17;Name=Smp_028200.1;product=Ensconsin;date_creation=202
2-07-17
SM_V9_ZSR       iris    exon    4308738 4308766 .       +       .
        Parent=Smp_028200.1;Name=b89b1806-bd19-4886-865d-
ab39edd35a65
SM_V9_ZSR       iris    exon    4308871 4308970 .       +       .
        Parent=Smp_028200.1;Name=315c2c35-f49e-4ff1-adf4-
d4aa9085f196
SM_V9_ZSR       iris    exon    4310612 4310904 .       +       .
        Parent=Smp_028200.1;Name=a53f031c-af1e-4808-b67d-
f4d34efb0b97
SM_V9_ZSR       iris    exon    4313536 4314148 .       +       .

Parent=Smp_028200.1;Name=747c92b4-4686-49e1-9e9e-5ddb5f143b95
SM_V9_ZSR       iris    exon    4316134 4316256 .       +       .

Parent=Smp_028200.1;Name=21b75b98-7446-4e75-81f4-896fe24269bd
SM_V9_ZSR       iris    exon    4318269 4318475 .       +       .

Parent=Smp_028200.1;Name=0045233d-30da-42fc-8571-00c34918b1b8
SM_V9_ZSR       iris    exon    4320523 4320677 .       +       .
        Parent=Smp_028200.1;Name=54f93d75-9ff9-4c37-
b377-48af9b4758f3
SM_V9_ZSR       iris    exon    4321618 4321931 .       +       .
        Parent=Smp_028200.1;Name=15f1443b-111f-4af0-ae1f-
a73086d387c2
SM_V9_ZSR       iris    exon    4323497 4323647 .       +       .
        Parent=Smp_028200.1;Name=6281ed3a-6ddb-406a-
a3df-20c86fbc3df7
SM_V9_ZSR       iris    exon    4324271 4324585 .       +       .
        Parent=Smp_028200.1;Name=b9b5beab-f286-4ec6-a7c8-
c75d7ec505cb
SM_V9_ZSR       iris    exon    4326717 4327069 .       +       .
        Parent=Smp_028200.1;Name=431d0f01-5dca-46b9-8b26-
fbff3829706c
SM_V9_ZSR       iris    exon    4331333 4331434 .       +       .
        Parent=Smp_028200.1;Name=85b6d523-
f33d-4ffe-9e49-40e9ffafafd0
SM_V9_ZSR       iris    exon    4333951 4334358 .       +       .
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        Parent=Smp_028200.1;Name=854f3143-1de3-4841-
b99d-955006acacb2
SM_V9_ZSR       iris    CDS     4308877 4308970 .       +       0
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4310612 4310904 .       +       2
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4313536 4314148 .       +       0
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4316134 4316256 .       +       2
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4318269 4318475 .       +       2
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4320523 4320677 .       +       2
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4321618 4321931 .       +       0
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4323497 4323647 .       +       1
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4324271 4324585 .       +       0
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4326717 4327069 .       +       0
        Parent=Smp_028200.1
SM_V9_ZSR       iris    CDS     4331333 4331432 .       +       1
        Parent=Smp_028200.1
SM_V9_ZSR       iris    mRNA    4308738 4334358 .       +       .

ID=Smp_028200.2;Parent=Smp_028200;geneID=Smp_028200;gene_name=Smp_02
8200;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_028200.2;product=Ensconsin;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    4308738 4308766 .       +       .
        Parent=Smp_028200.2;Name=486122ea-
f6d6-4979-8cee-9152755db2fd
SM_V9_ZSR       iris    exon    4308871 4308970 .       +       .
        Parent=Smp_028200.2;Name=75d29582-4339-47ae-
a54e-38ac0974e33d
SM_V9_ZSR       iris    exon    4310612 4310904 .       +       .

Parent=Smp_028200.2;Name=8d2c6e59-6b87-4e8d-8d4d-3ec5077e411a
SM_V9_ZSR       iris    exon    4313536 4313731 .       +       .
        Parent=Smp_028200.2;Name=cd9c3026-75bb-434a-
a781-36b0057cd961
SM_V9_ZSR       iris    exon    4316134 4316256 .       +       .
        Parent=Smp_028200.2;Name=ee885b06-af73-4845-
a792-276285faf9c1
SM_V9_ZSR       iris    exon    4318269 4318475 .       +       .
        Parent=Smp_028200.2;Name=586ed14f-b3f8-4f8e-
bd81-2c286e06ba2f
SM_V9_ZSR       iris    exon    4320523 4320677 .       +       .
        Parent=Smp_028200.2;Name=29d36d78-
de7f-4ea6-9de8-082746ef30ac
SM_V9_ZSR       iris    exon    4321618 4321931 .       +       .
        Parent=Smp_028200.2;Name=b388311b-
c041-4036-9f5a-3235e6eab882
SM_V9_ZSR       iris    exon    4323497 4323647 .       +       .
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Parent=Smp_028200.2;Name=579fa4e2-680d-47c2-9716-4c200b0cdfb1
SM_V9_ZSR       iris    exon    4324271 4324585 .       +       .

Parent=Smp_028200.2;Name=dcf08682-445f-4c06-92cc-4980eb81ba3b
SM_V9_ZSR       iris    exon    4326717 4327069 .       +       .
        Parent=Smp_028200.2;Name=3f0d07e4-b52f-49f0-b781-
a01260e94766
SM_V9_ZSR       iris    exon    4331333 4331434 .       +       .
        Parent=Smp_028200.2;Name=614ac33a-9458-4ba6-
aef4-05291c8fce71
SM_V9_ZSR       iris    exon    4333951 4334358 .       +       .
        Parent=Smp_028200.2;Name=03e5e502-9d3f-4de2-
b071-027856e0f35b
SM_V9_ZSR       iris    CDS     4308877 4308970 .       +       0
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4310612 4310904 .       +       2
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4313536 4313731 .       +       0
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4316134 4316256 .       +       2
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4318269 4318475 .       +       2
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4320523 4320677 .       +       2
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4321618 4321931 .       +       0
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4323497 4323647 .       +       1
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4324271 4324585 .       +       0
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4326717 4327069 .       +       0
        Parent=Smp_028200.2
SM_V9_ZSR       iris    CDS     4331333 4331432 .       +       1
        Parent=Smp_028200.2
SM_V9_ZSR       Liftoff gene    4377901 4394221 .       -       .
        ID=Smp_322230;geneID=Smp_322230
SM_V9_ZSR       Liftoff mRNA    4377901 4380861 .       -       .

ID=Smp_322230.1;Parent=Smp_322230;geneID=Smp_322230;product=Peptide
methionine sulfoxide reductase MsrA
SM_V9_ZSR       Liftoff exon    4377901 4378108 .       -       .
        Parent=Smp_322230.1
SM_V9_ZSR       Liftoff exon    4379362 4379631 .       -       .
        Parent=Smp_322230.1
SM_V9_ZSR       Liftoff exon    4379771 4380043 .       -       .
        Parent=Smp_322230.1
SM_V9_ZSR       Liftoff exon    4380542 4380861 .       -       .
        Parent=Smp_322230.1
SM_V9_ZSR       Liftoff CDS     4378104 4378108 .       -       2
        Parent=Smp_322230.1
SM_V9_ZSR       Liftoff CDS     4379362 4379631 .       -       2
        Parent=Smp_322230.1
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SM_V9_ZSR       Liftoff CDS     4379771 4380043 .       -       2
        Parent=Smp_322230.1
SM_V9_ZSR       Liftoff CDS     4380542 4380596 .       -       0
        Parent=Smp_322230.1
SM_V9_ZSR       Liftoff mRNA    4377901 4394221 .       -       .

ID=Smp_322230.2;Parent=Smp_322230;geneID=Smp_322230;product=Intermed
iate capsid protein VP6
SM_V9_ZSR       Liftoff exon    4377901 4378108 .       -       .
        Parent=Smp_322230.2
SM_V9_ZSR       Liftoff exon    4389688 4389954 .       -       .
        Parent=Smp_322230.2
SM_V9_ZSR       Liftoff exon    4390103 4390372 .       -       .
        Parent=Smp_322230.2
SM_V9_ZSR       Liftoff exon    4390907 4394221 .       -       .
        Parent=Smp_322230.2
SM_V9_ZSR       Liftoff CDS     4378104 4378108 .       -       2
        Parent=Smp_322230.2
SM_V9_ZSR       Liftoff CDS     4389688 4389954 .       -       2
        Parent=Smp_322230.2
SM_V9_ZSR       Liftoff CDS     4390103 4390372 .       -       2
        Parent=Smp_322230.2
SM_V9_ZSR       Liftoff CDS     4390907 4390961 .       -       0
        Parent=Smp_322230.2
SM_V9_ZSR       iris    gene    4407300 4416661 .       +       .

ID=Smp_028190;geneID=Smp_028190;gene_name=Smp_028190;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    4407300 4416661 .       +       .

ID=Smp_028190.1;Parent=Smp_028190;geneID=Smp_028190;gene_name=Smp_02
8190;owner=irisadmin@local.host;orig_id=Smp_028190.1;date_last_modif
ied=2022-07-09;Name=Smp_028190.1;product=S-methyl-5'-thioadenosine
phosphorylase;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    4407300 4407432 .       +       .
        Parent=Smp_028190.1;Name=ff588887-078b-4545-
a12c-2878ecc914ef
SM_V9_ZSR       iris    exon    4408835 4408980 .       +       .

Parent=Smp_028190.1;Name=794246e1-7485-438b-9346-43ca7a4745b6
SM_V9_ZSR       iris    exon    4411101 4411371 .       +       .

Parent=Smp_028190.1;Name=3f357314-8514-4a95-8c50-9d762416b32d
SM_V9_ZSR       iris    exon    4413272 4413559 .       +       .
        Parent=Smp_028190.1;Name=f0758f69-
a935-4741-902b-93726de4f967
SM_V9_ZSR       iris    exon    4414709 4414831 .       +       .
        Parent=Smp_028190.1;Name=d7b56245-b859-454b-
b061-9fb83d0a6192
SM_V9_ZSR       iris    exon    4416374 4416661 .       +       .

Parent=Smp_028190.1;Name=2e6ab6b1-5677-4d5c-8975-896e23bd0848
SM_V9_ZSR       iris    CDS     4407418 4407432 .       +       0
        Parent=Smp_028190.1
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SM_V9_ZSR       iris    CDS     4408835 4408980 .       +       0
        Parent=Smp_028190.1
SM_V9_ZSR       iris    CDS     4411101 4411371 .       +       1
        Parent=Smp_028190.1
SM_V9_ZSR       iris    CDS     4413272 4413559 .       +       0
        Parent=Smp_028190.1
SM_V9_ZSR       iris    CDS     4414709 4414831 .       +       0
        Parent=Smp_028190.1
SM_V9_ZSR       iris    CDS     4416374 4416430 .       +       0
        Parent=Smp_028190.1
SM_V9_ZSR       iris    gene    4449580 4466930 .       +       .

ID=Smp_343150;geneID=Smp_343150;gene_name=Smp_343150;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    4449580 4466930 .       +       .

ID=Smp_343150.1;Parent=Smp_343150;geneID=Smp_343150;gene_name=Smp_34
3150;owner=irisadmin@local.host;orig_id=Smp_343150.1;date_last_modif
ied=2022-07-18;Name=Smp_343150.1;product=Splicing factor 3B subunit
3;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    4449580 4449908 .       +       .
        Parent=Smp_343150.1;Name=dc494db0-1bc7-41d7-
b6b1-53c142e876f1
SM_V9_ZSR       iris    exon    4449944 4450605 .       +       .
        Parent=Smp_343150.1;Name=6782dada-f22a-4749-902f-
a1e22b2bb5c6
SM_V9_ZSR       iris    exon    4450639 4450817 .       +       .
        Parent=Smp_343150.1;Name=c90d9491-2064-43e4-b370-
b6729c1893d9
SM_V9_ZSR       iris    exon    4450851 4451016 .       +       .
        Parent=Smp_343150.1;Name=6cd60184-
c437-407f-9326-17263f71166d
SM_V9_ZSR       iris    exon    4451050 4451218 .       +       .
        Parent=Smp_343150.1;Name=b0d11ed3-8f05-4104-
ad1e-4fe5ebf22ec4
SM_V9_ZSR       iris    exon    4455524 4455987 .       +       .
        Parent=Smp_343150.1;Name=6bea6a91-8552-488c-
ba67-8b8737b5d2b8
SM_V9_ZSR       iris    exon    4459670 4460106 .       +       .
        Parent=Smp_343150.1;Name=b8b343f4-1404-4a1a-
b417-16ea2b904581
SM_V9_ZSR       iris    exon    4462069 4462243 .       +       .
        Parent=Smp_343150.1;Name=c23c3499-2515-4baf-
b355-86b78aca1b2d
SM_V9_ZSR       iris    exon    4463086 4463327 .       +       .
        Parent=Smp_343150.1;Name=3f936c9b-9172-4eb9-
a80e-35cfd32d097d
SM_V9_ZSR       iris    exon    4463535 4463790 .       +       .

Parent=Smp_343150.1;Name=61d6ef61-418d-4f78-8572-8e8d156ea751
SM_V9_ZSR       iris    exon    4465557 4465877 .       +       .
        Parent=Smp_343150.1;Name=e7072f11-95f1-474e-a9ef-
cc4a1128e9d7
SM_V9_ZSR       iris    exon    4465920 4466162 .       +       .
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        Parent=Smp_343150.1;Name=3e222e65-bf8d-4486-
bcab-812e9d1a6cf1
SM_V9_ZSR       iris    exon    4466708 4466930 .       +       .
        Parent=Smp_343150.1;Name=a470131b-963c-49fd-a382-
a87fab29834d
SM_V9_ZSR       iris    CDS     4449683 4449908 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4449944 4450605 .       +       2
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4450639 4450817 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4450851 4451016 .       +       1
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4451050 4451218 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4455524 4455987 .       +       2
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4459670 4460106 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4462069 4462243 .       +       1
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4463086 4463327 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4463535 4463790 .       +       1
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4465557 4465877 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4465920 4466162 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    CDS     4466708 4466848 .       +       0
        Parent=Smp_343150.1
SM_V9_ZSR       iris    gene    4476256 4488393 .       -       .

ID=Smp_322240;geneID=Smp_322240;gene_name=Smp_322240;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    4476256 4488393 .       -       .

ID=Smp_322240.1;Parent=Smp_322240;geneID=Smp_322240;gene_name=Smp_32
2240;owner=irisadmin@local.host;orig_id=Smp_322240.1;date_last_modif
ied=2022-07-09;Name=Smp_322240.1;product=UvrABC system protein
A;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    4476256 4476391 .       -       .
        Parent=Smp_322240.1;Name=87db20ca-
c923-4ceb-8ac0-20067791527c
SM_V9_ZSR       iris    exon    4483378 4483521 .       -       .
        Parent=Smp_322240.1;Name=f93314ee-a15b-42ff-9908-
d0add27e5401
SM_V9_ZSR       iris    exon    4488187 4488393 .       -       .

Parent=Smp_322240.1;Name=51506789-5caa-40bc-82f6-0e3daf81082e
SM_V9_ZSR       iris    CDS     4476342 4476391 .       -       2
        Parent=Smp_322240.1
SM_V9_ZSR       iris    CDS     4483378 4483521 .       -       2
        Parent=Smp_322240.1
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SM_V9_ZSR       iris    CDS     4488187 4488268 .       -       0
        Parent=Smp_322240.1
SM_V9_ZSR       Liftoff gene    4503437 4539991 .       +       .
        ID=Smp_171710;geneID=Smp_171710
SM_V9_ZSR       Liftoff mRNA    4503437 4539991 .       +       .

ID=Smp_171710.1;Parent=Smp_171710;geneID=Smp_171710;product=Structur
al maintenance of chromosomes protein
2;polypeptide_domain=InterPro:IPR003395,IPR010935,IPR024704,IPR02712
0,IPR027417
Pfam:PF02463,PF06470;Ontology_term=GO:0005515,GO:0005524,GO:0005694,
GO:0051276
SM_V9_ZSR       Liftoff exon    4503437 4503979 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4504016 4504327 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4504372 4504482 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4504521 4504658 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4504704 4504781 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4504826 4504888 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4504929 4505204 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4514459 4514777 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4516510 4516715 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4518346 4518681 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4520049 4520328 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4522226 4522479 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4529600 4529878 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4533350 4533676 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4535544 4535695 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4537645 4537792 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff exon    4539677 4539991 .       +       .
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4503812 4503979 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4504016 4504327 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4504372 4504482 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4504521 4504658 .       +       0
        Parent=Smp_171710.1
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SM_V9_ZSR       Liftoff CDS     4504704 4504781 .       +       0
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SM_V9_ZSR       Liftoff CDS     4504826 4504888 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4504929 4505204 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4514459 4514777 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4516510 4516715 .       +       2
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4518346 4518681 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4520049 4520328 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4522226 4522479 .       +       2
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4529600 4529878 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4533350 4533676 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4535544 4535695 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4537645 4537792 .       +       1
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff CDS     4539677 4539841 .       +       0
        Parent=Smp_171710.1
SM_V9_ZSR       Liftoff gene    4542687 4565658 .       +       .

ID=Smp_198670;geneID=Smp_198670;previous_systematic_id=Smp_171700
SM_V9_ZSR       Liftoff mRNA    4542687 4565658 .       +       .

ID=Smp_198670.1;Parent=Smp_198670;geneID=Smp_198670;product=Histone
acetyltransferase
KAT7;polypeptide_domain=InterPro:IPR002515,IPR002717,IPR016181
Pfam:PF01530,PF01853;Ontology_term=GO:0003700,GO:0005634,GO:0006355,
GO:0008270,GO:0016747
SM_V9_ZSR       Liftoff exon    4542687 4544334 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4544370 4544737 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4545610 4545682 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4545717 4545901 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4546766 4546855 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4548838 4548984 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4550334 4550451 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4551327 4551473 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff exon    4557573 4557679 .       +       .
        Parent=Smp_198670.1
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SM_V9_ZSR       Liftoff exon    4561028 4565658 .       +       .
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4544247 4544334 .       +       0
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4544370 4544737 .       +       2
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4545610 4545682 .       +       0
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4545717 4545901 .       +       2
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4546766 4546855 .       +       0
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4548838 4548984 .       +       0
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4550334 4550451 .       +       0
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4551327 4551473 .       +       2
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4557573 4557679 .       +       2
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff CDS     4561028 4561243 .       +       0
        Parent=Smp_198670.1
SM_V9_ZSR       Liftoff gene    4567339 4569433 .       -       .

ID=Smp_304210;geneID=Smp_304210;previous_systematic_id=Smp_171690
SM_V9_ZSR       Liftoff mRNA    4567339 4569433 .       -       .

ID=Smp_304210.1;Parent=Smp_304210;geneID=Smp_304210;product=SCO-
spondin;polypeptide_domain=InterPro:IPR013783
SM_V9_ZSR       Liftoff exon    4567339 4567829 .       -       .
        Parent=Smp_304210.1
SM_V9_ZSR       Liftoff exon    4568728 4569433 .       -       .
        Parent=Smp_304210.1
SM_V9_ZSR       Liftoff CDS     4567383 4567829 .       -       0
        Parent=Smp_304210.1
SM_V9_ZSR       Liftoff CDS     4568728 4569342 .       -       0
        Parent=Smp_304210.1
SM_V9_ZSR       Liftoff gene    4570856 4575873 .       -       .

ID=Smp_304220;geneID=Smp_304220;previous_systematic_id=Smp_171690
SM_V9_ZSR       Liftoff mRNA    4570856 4575873 .       -       .

ID=Smp_304220.1;Parent=Smp_304220;geneID=Smp_304220;product=Thrombos
pondin-2;polypeptide_domain=InterPro:IPR000884 Pfam:PF00090
SM_V9_ZSR       Liftoff exon    4570856 4571415 .       -       .
        Parent=Smp_304220.1
SM_V9_ZSR       Liftoff exon    4572594 4575873 .       -       .
        Parent=Smp_304220.1
SM_V9_ZSR       Liftoff CDS     4570969 4571415 .       -       0
        Parent=Smp_304220.1
SM_V9_ZSR       Liftoff CDS     4572594 4572821 .       -       0
        Parent=Smp_304220.1
SM_V9_ZSR       iris    gene    4664270 4770765 .       -       .
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ID=Smp_171680;geneID=Smp_171680;gene_name=Smp_171680;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    4664270 4770765 .       -       .

ID=Smp_171680.1;Parent=Smp_171680;geneID=Smp_171680;gene_name=Smp_17
1680;owner=irisadmin@local.host;orig_id=Smp_171680.1;date_last_modif
ied=2022-07-18;Name=Smp_171680.1;product=Protein
sidekick;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    4664270 4665361 .       -       .
        Parent=Smp_171680.1;Name=e9f10966-ded8-437d-ac2c-
f259ab501744
SM_V9_ZSR       iris    exon    4667089 4667804 .       -       .
        Parent=Smp_171680.1;Name=984a84ae-b4ca-4d64-8858-
f8a45690c425
SM_V9_ZSR       iris    exon    4671221 4671835 .       -       .

Parent=Smp_171680.1;Name=1f02053d-8875-4628-9137-2f9fa823f108
SM_V9_ZSR       iris    exon    4674839 4675168 .       -       .
        Parent=Smp_171680.1;Name=47e37a25-6783-453e-
aebc-53b24140f967
SM_V9_ZSR       iris    exon    4676668 4676917 .       -       .

Parent=Smp_171680.1;Name=9223d0e4-0031-4357-8662-862655a218b4
SM_V9_ZSR       iris    exon    4678873 4679132 .       -       .
        Parent=Smp_171680.1;Name=b2030df6-213c-4f98-9e28-
ee89d96e5dad
SM_V9_ZSR       iris    exon    4682763 4683261 .       -       .

Parent=Smp_171680.1;Name=54089dec-8d80-4b93-98f7-8bbcafadbb7d
SM_V9_ZSR       iris    exon    4684848 4685339 .       -       .
        Parent=Smp_171680.1;Name=0a88d929-f2e5-4a25-b1b6-
f44472f2f065
SM_V9_ZSR       iris    exon    4687232 4687481 .       -       .

Parent=Smp_171680.1;Name=6e9e969c-141a-47f0-9fae-056abdd13131
SM_V9_ZSR       iris    exon    4694247 4694617 .       -       .
        Parent=Smp_171680.1;Name=bc4c2416-980a-4aa1-93e5-
e5467efbcd68
SM_V9_ZSR       iris    exon    4697103 4697521 .       -       .
        Parent=Smp_171680.1;Name=3ebcb17a-537c-44e8-8bc2-
be82adb01729
SM_V9_ZSR       iris    exon    4699378 4699690 .       -       .
        Parent=Smp_171680.1;Name=7c660498-d109-4a41-ac34-
d475adc1f78d
SM_V9_ZSR       iris    exon    4702762 4703265 .       -       .
        Parent=Smp_171680.1;Name=92d38adb-8c3d-4ebb-8387-
ebafdebd3d47
SM_V9_ZSR       iris    exon    4706456 4706779 .       -       .
        Parent=Smp_171680.1;Name=b7acf617-f0cc-4b4d-8f6b-
c15da2fa297d
SM_V9_ZSR       iris    exon    4711640 4711855 .       -       .

Parent=Smp_171680.1;Name=3dcf2bd7-0d07-4292-930d-27c85149fb08
SM_V9_ZSR       iris    exon    4715382 4715912 .       -       .
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        Parent=Smp_171680.1;Name=ab97a74b-9981-4c7d-905b-
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SM_V9_ZSR       iris    exon    4720301 4720422 .       -       .

Parent=Smp_171680.1;Name=1db3e510-8418-4542-8be5-36656a58abbc
SM_V9_ZSR       iris    exon    4728133 4728466 .       -       .
        Parent=Smp_171680.1;Name=5704f67b-
a43c-4a8b-8abd-934cd26120e7
SM_V9_ZSR       iris    exon    4729898 4730092 .       -       .
        Parent=Smp_171680.1;Name=425bed4e-6237-419c-9d49-
eee6be81067f
SM_V9_ZSR       iris    exon    4730534 4730653 .       -       .
        Parent=Smp_171680.1;Name=c856ea82-6328-44c0-9e9a-
a039c1f2fc25
SM_V9_ZSR       iris    exon    4734859 4734983 .       -       .
        Parent=Smp_171680.1;Name=c970ec51-
ac80-4167-92e1-790df376992c
SM_V9_ZSR       iris    exon    4736342 4736563 .       -       .
        Parent=Smp_171680.1;Name=1c5bcd3b-00a9-4c25-b5d9-
a1cc09984178
SM_V9_ZSR       iris    exon    4739573 4739780 .       -       .

Parent=Smp_171680.1;Name=510ded98-0692-4067-9805-8883225e69fe
SM_V9_ZSR       iris    exon    4740732 4741159 .       -       .
        Parent=Smp_171680.1;Name=de4b5e6b-6961-4c5f-
a9d8-891b22a61a8a
SM_V9_ZSR       iris    exon    4742760 4743053 .       -       .
        Parent=Smp_171680.1;Name=fac16a8e-3892-4d9a-
bdb2-6dc5b27ce91e
SM_V9_ZSR       iris    exon    4744122 4744247 .       -       .
        Parent=Smp_171680.1;Name=8df0cded-3419-4a25-b196-
fb501d6190ce
SM_V9_ZSR       iris    exon    4747924 4748051 .       -       .
        Parent=Smp_171680.1;Name=a67fc192-
ccd3-4218-9083-124318b9e2b8
SM_V9_ZSR       iris    exon    4754536 4755189 .       -       .

Parent=Smp_171680.1;Name=1fde6d4f-1793-4ac4-9f50-8d2f2e45d025
SM_V9_ZSR       iris    exon    4765787 4765907 .       -       .
        Parent=Smp_171680.1;Name=e9d2a192-42ea-425d-
ac9f-5bae5dd1a934
SM_V9_ZSR       iris    exon    4766979 4767392 .       -       .
        Parent=Smp_171680.1;Name=36b2a2ce-7f81-4c14-81f3-
db2e9eb3f53e
SM_V9_ZSR       iris    exon    4770265 4770765 .       -       .

Parent=Smp_171680.1;Name=b2cd7aa9-5c45-4f4c-829c-4233aefbc612
SM_V9_ZSR       iris    CDS     4664927 4665361 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4667089 4667804 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4671221 4671835 .       -       2
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SM_V9_ZSR       iris    CDS     4674839 4675168 .       -       2
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        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4676668 4676917 .       -       0
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SM_V9_ZSR       iris    CDS     4678873 4679132 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4682763 4683261 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4684848 4685339 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4687232 4687481 .       -       1
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4694247 4694617 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4697103 4697521 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4699378 4699690 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4702762 4703265 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4706456 4706779 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4711640 4711855 .       -       0
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SM_V9_ZSR       iris    CDS     4715382 4715912 .       -       0
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SM_V9_ZSR       iris    CDS     4720301 4720422 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4728133 4728466 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4729898 4730092 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4730534 4730653 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4734859 4734983 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4736342 4736563 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4739573 4739780 .       -       0
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4740732 4741159 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4742760 4743053 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4744122 4744247 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4747924 4748051 .       -       1
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4754536 4755189 .       -       1
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4765787 4765907 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4766979 4767392 .       -       2
        Parent=Smp_171680.1
SM_V9_ZSR       iris    CDS     4770265 4770622 .       -       0
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        Parent=Smp_171680.1
SM_V9_ZSR       Liftoff gene    4778427 4780311 .       +       .
        ID=Smp_322250;geneID=Smp_322250
SM_V9_ZSR       Liftoff mRNA    4778427 4780311 .       +       .

ID=Smp_322250.1;Parent=Smp_322250;geneID=Smp_322250;product=SOSS
complex subunit C homolog;polypeptide_domain=InterPro:IPR031821
Pfam:PF15925;Ontology_term=GO:0005634,GO:0006281,GO:0006974,GO:00708
76
SM_V9_ZSR       Liftoff exon    4778427 4778496 .       +       .
        Parent=Smp_322250.1
SM_V9_ZSR       Liftoff exon    4779893 4779953 .       +       .
        Parent=Smp_322250.1
SM_V9_ZSR       Liftoff exon    4779991 4780021 .       +       .
        Parent=Smp_322250.1
SM_V9_ZSR       Liftoff exon    4780055 4780311 .       +       .
        Parent=Smp_322250.1
SM_V9_ZSR       Liftoff CDS     4778481 4778496 .       +       0
        Parent=Smp_322250.1
SM_V9_ZSR       Liftoff CDS     4779893 4779953 .       +       2
        Parent=Smp_322250.1
SM_V9_ZSR       Liftoff CDS     4779991 4780021 .       +       1
        Parent=Smp_322250.1
SM_V9_ZSR       Liftoff CDS     4780055 4780153 .       +       0
        Parent=Smp_322250.1
SM_V9_ZSR       iris    gene    4802830 4831581 .       +       .

ID=Smp_171670;geneID=Smp_171670;gene_name=Smp_171670;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    4802830 4831581 .       +       .

ID=Smp_171670.1;Parent=Smp_171670;geneID=Smp_171670;gene_name=Smp_17
1670;owner=irisadmin@local.host;orig_id=Smp_171670.1;date_last_modif
ied=2022-08-20;Name=Smp_171670.1;product=DDB1- and CUL4-associated
factor 11;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    4802830 4803096 .       +       .
        Parent=Smp_171670.1;Name=8db2324b-5e17-4cc4-
aaf5-2a34ede7953d
SM_V9_ZSR       iris    exon    4803140 4803233 .       +       .

Parent=Smp_171670.1;Name=c9208a79-0e17-4e15-9bc4-51bfe46b993e
SM_V9_ZSR       iris    exon    4809413 4809588 .       +       .
        Parent=Smp_171670.1;Name=1b1e5d9c-26aa-4da2-
a4ea-24b243b956fc
SM_V9_ZSR       iris    exon    4809622 4809778 .       +       .
        Parent=Smp_171670.1;Name=a0ebe3f0-
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SM_V9_ZSR       iris    exon    4809815 4809917 .       +       .

Parent=Smp_171670.1;Name=d6271b72-4cba-491f-8795-82475db64124
SM_V9_ZSR       iris    exon    4809953 4809996 .       +       .
        Parent=Smp_171670.1;Name=8e418066-a546-44f9-
ae4c-10260556e581
SM_V9_ZSR       iris    exon    4810992 4811130 .       +       .
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SM_V9_ZSR       iris    exon    4814551 4814608 .       +       .
        Parent=Smp_171670.1;Name=85bdfa8b-ad32-45a1-
a3fb-3e7323f0674c
SM_V9_ZSR       iris    exon    4818992 4819090 .       +       .

Parent=Smp_171670.1;Name=76d031b1-7845-493d-898f-0ad20a280ef2
SM_V9_ZSR       iris    exon    4821638 4821721 .       +       .

Parent=Smp_171670.1;Name=6d10f0e5-711e-4671-92ae-09e3e384958a
SM_V9_ZSR       iris    exon    4823125 4823214 .       +       .
        Parent=Smp_171670.1;Name=7d380258-d954-4f2d-84ea-
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SM_V9_ZSR       iris    exon    4825892 4825946 .       +       .
        Parent=Smp_171670.1;Name=e586011c-
d019-4684-9885-238b54b86a23
SM_V9_ZSR       iris    exon    4828061 4828257 .       +       .

Parent=Smp_171670.1;Name=65b883cd-6ffb-4a8d-9344-08c58a3f3d88
SM_V9_ZSR       iris    exon    4829059 4829319 .       +       .
        Parent=Smp_171670.1;Name=4ee88118-
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SM_V9_ZSR       iris    exon    4831013 4831581 .       +       .
        Parent=Smp_171670.1;Name=d8fac084-
fd73-48fa-921f-81c70ed31407
SM_V9_ZSR       iris    CDS     4809514 4809588 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4809622 4809778 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4809815 4809917 .       +       2
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4809953 4809996 .       +       1
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4810992 4811130 .       +       2
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4814551 4814608 .       +       1
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4818992 4819090 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4821638 4821721 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4823125 4823214 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4825892 4825946 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4828061 4828257 .       +       2
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4829059 4829319 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    CDS     4831013 4831477 .       +       0
        Parent=Smp_171670.1
SM_V9_ZSR       iris    gene    4832510 4842263 .       -       .
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ID=Smp_171660;geneID=Smp_171660;gene_name=Smp_171660;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    4832510 4842263 .       -       .

ID=Smp_171660.1;Parent=Smp_171660;geneID=Smp_171660;gene_name=Smp_17
1660;owner=irisadmin@local.host;orig_id=Smp_171660.1;date_last_modif
ied=2022-07-17;Name=Smp_171660.1;product=E3 ubiquitin-protein ligase
RNF170;date_creation=2022-07-17
SM_V9_ZSR       iris    exon    4832510 4832955 .       -       .

Parent=Smp_171660.1;Name=c6525f82-00ad-49c4-9682-384addcec6cf
SM_V9_ZSR       iris    exon    4836141 4836260 .       -       .
        Parent=Smp_171660.1;Name=273340d1-8626-4c6d-
a14d-62f6e817c39d
SM_V9_ZSR       iris    exon    4839945 4840018 .       -       .

Parent=Smp_171660.1;Name=e505dbd5-1343-4837-949a-41e05dd8ac60
SM_V9_ZSR       iris    exon    4841819 4841967 .       -       .
        Parent=Smp_171660.1;Name=9c6c65ff-8a71-4343-a472-
f380f65cfe30
SM_V9_ZSR       iris    exon    4842012 4842263 .       -       .
        Parent=Smp_171660.1;Name=ea403955-413e-4e01-
bc2a-2d74dcc3642e
SM_V9_ZSR       iris    CDS     4832680 4832955 .       -       0
        Parent=Smp_171660.1
SM_V9_ZSR       iris    CDS     4836141 4836260 .       -       0
        Parent=Smp_171660.1
SM_V9_ZSR       iris    CDS     4839945 4840018 .       -       2
        Parent=Smp_171660.1
SM_V9_ZSR       iris    CDS     4841819 4841967 .       -       1
        Parent=Smp_171660.1
SM_V9_ZSR       iris    CDS     4842012 4842106 .       -       0
        Parent=Smp_171660.1
SM_V9_ZSR       iris    gene    4852100 4882773 .       +       .

ID=Smp_171640;geneID=Smp_171640;gene_name=Smp_171640;owner=irisadmin
@local.host;date_last_modified=2022-07-17;date_creation=2022-07-17
SM_V9_ZSR       iris    mRNA    4852100 4882773 .       +       .

ID=Smp_171640.1;Parent=Smp_171640;geneID=Smp_171640;gene_name=Smp_17
1640;owner=irisadmin@local.host;orig_id=Smp_171640.1;date_last_modif
ied=2022-07-17;Name=Smp_171640.1;product=Epidermal growth factor
receptor substrate 15-like 1;date_creation=2022-07-17
SM_V9_ZSR       iris    exon    4852100 4853660 .       +       .
        Parent=Smp_171640.1;Name=e956b105-7990-46c2-beca-
ba507ae2a5c1
SM_V9_ZSR       iris    exon    4855162 4855263 .       +       .
        Parent=Smp_171640.1;Name=7f06ed5b-253e-4e0d-b18d-
da3f53b7d2a9
SM_V9_ZSR       iris    exon    4858145 4858384 .       +       .
        Parent=Smp_171640.1;Name=e2d66cd6-
dcf7-4cbc-8a9b-361047b1d2d8
SM_V9_ZSR       iris    exon    4860566 4860858 .       +       .
        Parent=Smp_171640.1;Name=ccda8442-94a9-4b8b-bb74-
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fbd2b4df0550
SM_V9_ZSR	iris	exon	4861570	4861752	.	+	.
	Parent=Smp_171640.1;Name=acdae02f-e9c6-4a3b-
b6df-38f2c8dc54ba
SM_V9_ZSR	iris	exon	4863619	4863901	.	+	.
	Parent=Smp_171640.1;Name=bc62d76f-e2bd-4a67-
b717-300c76987aa4
SM_V9_ZSR	iris	exon	4864918	4865067	.	+	.
	Parent=Smp_171640.1;Name=d37f78a7-d454-41af-8221-
b5c9ed99bf6c
SM_V9_ZSR	iris	exon	4865453	4865581	.	+	.
	Parent=Smp_171640.1;Name=3ef53241-
b2a4-4d4f-9c8d-4ae4d0a807db
SM_V9_ZSR	iris	exon	4866614	4866929	.	+	.
	Parent=Smp_171640.1;Name=5dd1c144-eec9-4d71-a77d-
a68aa6d327c1
SM_V9_ZSR	iris	exon	4869332	4869426	.	+	.
	Parent=Smp_171640.1;Name=aa43a7c8-4dc2-4895-
b4f1-4e879c965852
SM_V9_ZSR	iris	exon	4877207	4877240	.	+	.
	Parent=Smp_171640.1;Name=507f950e-dfc4-4f94-
bff2-30c3f5bda52d
SM_V9_ZSR	iris	exon	4878549	4878634	.	+	.
	Parent=Smp_171640.1;Name=2bced5b5-2b7a-45a2-bd6b-
ddd07e1ab4fc
SM_V9_ZSR	iris	exon	4879236	4879442	.	+	.
	Parent=Smp_171640.1;Name=c14a4af6-5a72-44a3-
aa2e-24d619f8c24e
SM_V9_ZSR	iris	exon	4881752	4882773	.	+	.
	Parent=Smp_171640.1;Name=3f076dc0-7d5c-47fb-
aad6-1aac7a1a6e33
SM_V9_ZSR	iris	CDS	4853559	4853660	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4855162	4855263	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4858145	4858384	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4860566	4860858	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4861570	4861752	.	+	1
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4863619	4863901	.	+	1
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4864918	4865067	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4865453	4865581	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4866614	4866929	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4869332	4869426	.	+	2
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4877207	4877240	.	+	0
	Parent=Smp_171640.1
SM_V9_ZSR	iris	CDS	4878549	4878634	.	+	2
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        Parent=Smp_171640.1
SM_V9_ZSR       iris    CDS     4879236 4879442 .       +       0
        Parent=Smp_171640.1
SM_V9_ZSR       iris    CDS     4881752 4882216 .       +       0
        Parent=Smp_171640.1
SM_V9_ZSR       Liftoff gene    4894180 4922772 .       +       .
        ID=Smp_171630;geneID=Smp_171630
SM_V9_ZSR       Liftoff mRNA    4894180 4911123 .       +       .

ID=Smp_171630.2;Parent=Smp_171630;geneID=Smp_171630;product=Solute
carrier family 17 member
9;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR       Liftoff exon    4894180 4897952 .       +       .
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff exon    4899028 4899247 .       +       .
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff exon    4903701 4903800 .       +       .
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff exon    4905864 4906131 .       +       .
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff exon    4907456 4907571 .       +       .
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff exon    4911063 4911123 .       +       .
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff CDS     4897896 4897952 .       +       0
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff CDS     4899028 4899247 .       +       0
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff CDS     4903701 4903800 .       +       2
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff CDS     4905864 4906131 .       +       1
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff CDS     4907456 4907571 .       +       0
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff CDS     4911063 4911102 .       +       1
        Parent=Smp_171630.2
SM_V9_ZSR       Liftoff mRNA    4894180 4922772 .       +       .

ID=Smp_171630.1;Parent=Smp_171630;geneID=Smp_171630;product=Solute
carrier family 17 member
9;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR       Liftoff exon    4894180 4897952 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4899028 4899247 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4903701 4903800 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4905864 4906131 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4907456 4907571 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4917136 4917232 .       +       .
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        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4918295 4918382 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4919381 4919415 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4920827 4920998 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff exon    4921742 4922772 .       +       .
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4897896 4897952 .       +       0
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4899028 4899247 .       +       0
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4903701 4903800 .       +       2
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4905864 4906131 .       +       1
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4907456 4907571 .       +       0
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4917136 4917232 .       +       1
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4918295 4918382 .       +       0
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4919381 4919415 .       +       2
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4920827 4920998 .       +       0
        Parent=Smp_171630.1
SM_V9_ZSR       Liftoff CDS     4921742 4921911 .       +       2
        Parent=Smp_171630.1
SM_V9_ZSR       iris    gene    4944230 4946186 .       +       .

ID=Smp_304250;geneID=Smp_304250;gene_name=Smp_304250;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    4944230 4946186 .       +       .

ID=Smp_304250.1;Parent=Smp_304250;geneID=Smp_304250;gene_name=Smp_30
4250;owner=irisadmin@local.host;orig_id=Smp_304250.1;date_last_modif
ied=2022-08-02;Name=Smp_304250.1;product=Purine nucleoside
phosphorylase;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    4944230 4944414 .       +       .
        Parent=Smp_304250.1;Name=6b8a6bdd-5127-4201-8e6a-
f4d3279ec859
SM_V9_ZSR       iris    exon    4944450 4944553 .       +       .
        Parent=Smp_304250.1;Name=fbf8da30-90e6-47ca-
a47c-0db95d54ef1a
SM_V9_ZSR       iris    exon    4944592 4944767 .       +       .
        Parent=Smp_304250.1;Name=fb1d1081-cfe9-4ce4-
a1b8-7a8b0e34654b
SM_V9_ZSR       iris    exon    4944802 4944992 .       +       .
        Parent=Smp_304250.1;Name=f8cf2a39-fae6-4772-97d6-
c3ffd2c9e95b
SM_V9_ZSR       iris    exon    4945885 4946186 .       +       .
        Parent=Smp_304250.1;Name=092411dc-393f-4469-
a331-4ab03d70147a
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SM_V9_ZSR       iris    CDS     4944252 4944414 .       +       0
        Parent=Smp_304250.1
SM_V9_ZSR       iris    CDS     4944450 4944553 .       +       2
        Parent=Smp_304250.1
SM_V9_ZSR       iris    CDS     4944592 4944767 .       +       0
        Parent=Smp_304250.1
SM_V9_ZSR       iris    CDS     4944802 4944992 .       +       1
        Parent=Smp_304250.1
SM_V9_ZSR       iris    CDS     4945885 4946090 .       +       2
        Parent=Smp_304250.1
SM_V9_ZSR       Liftoff gene    4967430 4970800 .       +       .

ID=Smp_304260;geneID=Smp_304260;previous_systematic_id=Smp_090520
SM_V9_ZSR       Liftoff mRNA    4967430 4970800 .       +       .

ID=Smp_304260.1;Parent=Smp_304260;geneID=Smp_304260;product=Purine
nucleoside
phosphorylase;polypeptide_domain=InterPro:IPR000845,IPR011268,IPR011
270
Pfam:PF01048;Ontology_term=GO:0003824,GO:0004731,GO:0006139,GO:00091
16
SM_V9_ZSR       Liftoff exon    4967430 4968788 .       +       .
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff exon    4968828 4969012 .       +       .
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff exon    4969048 4969151 .       +       .
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff exon    4969190 4969365 .       +       .
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff exon    4969400 4969590 .       +       .
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff exon    4970483 4970800 .       +       .
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff CDS     4968787 4968788 .       +       0
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff CDS     4968828 4969012 .       +       1
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff CDS     4969048 4969151 .       +       2
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff CDS     4969190 4969365 .       +       0
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff CDS     4969400 4969590 .       +       1
        Parent=Smp_304260.1
SM_V9_ZSR       Liftoff CDS     4970483 4970688 .       +       2
        Parent=Smp_304260.1
SM_V9_ZSR       iris    gene    5019250 5029371 .       +       .

ID=Smp_179110;geneID=Smp_179110;gene_name=Smp_179110;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    5019250 5027690 .       +       .

ID=Smp_179110.2;Parent=Smp_179110;geneID=Smp_179110;gene_name=Smp_17
9110;owner=irisadmin@local.host;orig_id=Smp_179110.1;date_last_modif
ied=2022-07-09;Name=Smp_179110.2;product=Purine nucleoside
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phosphorylase;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    5019250 5019295 .       +       .

Parent=Smp_179110.2;Name=07b15fa5-441c-4d61-8204-9d472ab3ff40
SM_V9_ZSR       iris    exon    5026141 5026152 .       +       .
        Parent=Smp_179110.2;Name=fd1f5714-
ebb5-4c87-93fe-18498c2f3a97
SM_V9_ZSR       iris    exon    5026193 5026377 .       +       .
        Parent=Smp_179110.2;Name=5b2c8446-
e493-4b4e-8e7b-64ce1d85e5e9
SM_V9_ZSR       iris    exon    5026414 5026517 .       +       .
        Parent=Smp_179110.2;Name=e909f347-
c60a-4c09-9a4f-32942b31a0c8
SM_V9_ZSR       iris    exon    5026551 5026726 .       +       .

Parent=Smp_179110.2;Name=beaa2ff4-66f3-4af8-9c68-8287bf8163f2
SM_V9_ZSR       iris    exon    5026759 5027690 .       +       .
        Parent=Smp_179110.2;Name=bf03c31a-c8c4-4919-8f02-
c97efa9c96ff
SM_V9_ZSR       iris    CDS     5026230 5026377 .       +       0
        Parent=Smp_179110.2
SM_V9_ZSR       iris    CDS     5026414 5026517 .       +       2
        Parent=Smp_179110.2
SM_V9_ZSR       iris    CDS     5026551 5026726 .       +       0
        Parent=Smp_179110.2
SM_V9_ZSR       iris    CDS     5026759 5026975 .       +       1
        Parent=Smp_179110.2
SM_V9_ZSR       iris    mRNA    5019250 5029371 .       +       .

ID=Smp_179110.1;Parent=Smp_179110;geneID=Smp_179110;gene_name=Smp_17
9110;owner=irisadmin@local.host;date_last_modified=2022-07-09;Name=S
mp_179110.1;product=Purine nucleoside phosphorylase
1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    5019250 5019295 .       +       .

Parent=Smp_179110.1;Name=1c945410-4dc1-4673-9e02-5f5d3de75dd8
SM_V9_ZSR       iris    exon    5026141 5026152 .       +       .
        Parent=Smp_179110.1;Name=Smp_179110.1-CDS
SM_V9_ZSR       iris    exon    5026193 5026377 .       +       .
        Parent=Smp_179110.1;Name=13402366-a146-441b-8215-
baed3e87e98b
SM_V9_ZSR       iris    exon    5026414 5026517 .       +       .
        Parent=Smp_179110.1;Name=29ee4922-04f8-4c13-
bca1-4eb3e710d856
SM_V9_ZSR       iris    exon    5026551 5026726 .       +       .
        Parent=Smp_179110.1;Name=1baed538-4043-45a9-
a821-0cfb2579b3fa
SM_V9_ZSR       iris    exon    5026759 5026949 .       +       .

Parent=Smp_179110.1;Name=02b77ec7-23ea-49d6-82f9-5842ce6403f0
SM_V9_ZSR       iris    exon    5028360 5029371 .       +       .
        Parent=Smp_179110.1;Name=cd7094bd-de27-4350-a9ca-
a565a4b9dda4
SM_V9_ZSR       iris    CDS     5026151 5026152 .       +       0
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        Parent=Smp_179110.1
SM_V9_ZSR       iris    CDS     5026193 5026377 .       +       1
        Parent=Smp_179110.1
SM_V9_ZSR       iris    CDS     5026414 5026517 .       +       2
        Parent=Smp_179110.1
SM_V9_ZSR       iris    CDS     5026551 5026726 .       +       0
        Parent=Smp_179110.1
SM_V9_ZSR       iris    CDS     5026759 5026949 .       +       1
        Parent=Smp_179110.1
SM_V9_ZSR       iris    CDS     5028360 5028565 .       +       2
        Parent=Smp_179110.1
SM_V9_ZSR       iris    gene    5031636 5044697 .       -       .

ID=Smp_102450;geneID=Smp_102450;gene_name=Smp_102450;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_ZSR       iris    mRNA    5031636 5044697 .       -       .

ID=Smp_102450.1;Parent=Smp_102450;geneID=Smp_102450;gene_name=Smp_10
2450;owner=irisadmin@local.host;orig_id=Smp_102450.1;date_last_modif
ied=2022-11-13;Name=Smp_102450.1;product=Probable RNA 3'-terminal
phosphate cyclase-like protein;date_creation=2022-11-13
SM_V9_ZSR       iris    exon    5031636 5031882 .       -       .
        Parent=Smp_102450.1;Name=a8255165-
c127-4fee-8193-73373dc3d1c8
SM_V9_ZSR       iris    exon    5033919 5034071 .       -       .
        Parent=Smp_102450.1;Name=88e197b4-
af49-4cbd-94f8-6e33e79b18d7
SM_V9_ZSR       iris    exon    5036798 5036965 .       -       .
        Parent=Smp_102450.1;Name=e1804043-
c6bc-48ee-9508-8faef3608e38
SM_V9_ZSR       iris    exon    5042769 5042892 .       -       .
        Parent=Smp_102450.1;Name=38b0a7ba-4e05-4866-8f56-
e2a27a3d0494
SM_V9_ZSR       iris    exon    5044068 5044434 .       -       .
        Parent=Smp_102450.1;Name=73301f0b-52c3-4c1a-af35-
a984c62f15b6
SM_V9_ZSR       iris    exon    5044470 5044697 .       -       .
        Parent=Smp_102450.1;Name=8f9e641c-70b8-43d6-
a5cf-9e31e906ec36
SM_V9_ZSR       iris    CDS     5031718 5031882 .       -       0
        Parent=Smp_102450.1
SM_V9_ZSR       iris    CDS     5033919 5034071 .       -       0
        Parent=Smp_102450.1
SM_V9_ZSR       iris    CDS     5036798 5036965 .       -       0
        Parent=Smp_102450.1
SM_V9_ZSR       iris    CDS     5042769 5042892 .       -       1
        Parent=Smp_102450.1
SM_V9_ZSR       iris    CDS     5044068 5044434 .       -       2
        Parent=Smp_102450.1
SM_V9_ZSR       iris    CDS     5044470 5044668 .       -       0
        Parent=Smp_102450.1
SM_V9_ZSR       Liftoff gene    5050156 5072844 .       -       .
        ID=Smp_171620;geneID=Smp_171620
SM_V9_ZSR       Liftoff mRNA    5050156 5072844 .       -       .
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ID=Smp_171620.1;Parent=Smp_171620;geneID=Smp_171620;product=S-
methyl-5'-thioadenosine
phosphorylase;polypeptide_domain=InterPro:IPR000845,IPR010044,IPR018
099
Pfam:PF01048;Ontology_term=GO:0003824,GO:0009116,GO:0016763,GO:00170
61
SM_V9_ZSR       Liftoff exon    5050156 5050422 .       -       .
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff exon    5055174 5055296 .       -       .
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff exon    5056419 5056706 .       -       .
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff exon    5065506 5065776 .       -       .
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff exon    5069559 5069704 .       -       .
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff exon    5072746 5072844 .       -       .
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff CDS     5050366 5050422 .       -       0
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff CDS     5055174 5055296 .       -       0
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff CDS     5056419 5056706 .       -       0
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff CDS     5065506 5065776 .       -       1
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff CDS     5069559 5069704 .       -       0
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff CDS     5072746 5072760 .       -       0
        Parent=Smp_171620.1
SM_V9_ZSR       Liftoff mRNA    5050156 5072844 .       -       .

ID=Smp_171620.2;Parent=Smp_171620;geneID=Smp_171620;product=S-
methyl-5'-thioadenosine
phosphorylase;polypeptide_domain=InterPro:IPR000845,IPR010044,IPR018
099
Pfam:PF01048;Ontology_term=GO:0003824,GO:0009116,GO:0016763,GO:00170
61
SM_V9_ZSR       Liftoff exon    5050156 5050422 .       -       .
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff exon    5055174 5055296 .       -       .
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff exon    5056419 5056706 .       -       .
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff exon    5065506 5065776 .       -       .
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff exon    5069559 5069704 .       -       .
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff exon    5069990 5072844 .       -       .
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff CDS     5050366 5050422 .       -       0
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff CDS     5055174 5055296 .       -       0
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        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff CDS     5056419 5056706 .       -       0
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff CDS     5065506 5065776 .       -       1
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff CDS     5069559 5069704 .       -       0
        Parent=Smp_171620.2
SM_V9_ZSR       Liftoff CDS     5069990 5069992 .       -       0
        Parent=Smp_171620.2
SM_V9_ZSR       iris    gene    5086690 5105163 .       +       .

ID=Smp_171610;geneID=Smp_171610;gene_name=Smp_171610;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    5086690 5105163 .       +       .

ID=Smp_171610.1;Parent=Smp_171610;geneID=Smp_171610;gene_name=Smp_17
1610;owner=irisadmin@local.host;orig_id=Smp_171610.1;date_last_modif
ied=2022-08-20;Name=Smp_171610.1;product=Dual specificity protein
kinase TTK;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    5086690 5086738 .       +       .
        Parent=Smp_171610.1;Name=dc84c5a8-365d-4b49-
ab20-0040d8bfd9ed
SM_V9_ZSR       iris    exon    5089294 5089407 .       +       .
        Parent=Smp_171610.1;Name=3c0a3ac3-
a4b2-4227-8c42-708d83b616f9
SM_V9_ZSR       iris    exon    5089442 5089572 .       +       .
        Parent=Smp_171610.1;Name=f9eb44a0-
f3a8-4538-9af2-404a91e9a0d3
SM_V9_ZSR       iris    exon    5089615 5089688 .       +       .
        Parent=Smp_171610.1;Name=ed1d7612-0633-4023-94df-
a3577f3853ff
SM_V9_ZSR       iris    exon    5089724 5089824 .       +       .
        Parent=Smp_171610.1;Name=a82fc9d0-08be-4266-8622-
efdd7360b86b
SM_V9_ZSR       iris    exon    5089864 5090025 .       +       .
        Parent=Smp_171610.1;Name=ebce3e65-aa9f-4689-
a9b7-1225fb2c8ebe
SM_V9_ZSR       iris    exon    5090065 5090131 .       +       .
        Parent=Smp_171610.1;Name=fcc6bad7-515f-4cc3-
b095-6627afffb486
SM_V9_ZSR       iris    exon    5091262 5091382 .       +       .
        Parent=Smp_171610.1;Name=b5610aa1-1220-4139-9cd1-
cf4e6b24de57
SM_V9_ZSR       iris    exon    5092217 5092283 .       +       .
        Parent=Smp_171610.1;Name=853fcbb6-bc9b-4c7e-87d8-
cc3b191fb507
SM_V9_ZSR       iris    exon    5094483 5094589 .       +       .
        Parent=Smp_171610.1;Name=9503f8b2-7396-4158-
b57e-7dd131cd4816
SM_V9_ZSR       iris    exon    5097186 5097308 .       +       .

Parent=Smp_171610.1;Name=ea555b9e-0793-4b96-86d4-8d682ad55ba9
SM_V9_ZSR       iris    exon    5098458 5098612 .       +       .
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Parent=Smp_171610.1;Name=00bd8bfd-4a6d-483b-929b-92cd97884235
SM_V9_ZSR       iris    exon    5099776 5099963 .       +       .
        Parent=Smp_171610.1;Name=886abdb6-f2fb-49ff-8db1-
cf2695e03918
SM_V9_ZSR       iris    exon    5100574 5100827 .       +       .

Parent=Smp_171610.1;Name=0e7bc8d8-044c-4030-9196-2a5e613e2fec
SM_V9_ZSR       iris    exon    5103051 5103215 .       +       .

Parent=Smp_171610.1;Name=ed33a664-58b5-4890-8dd5-3fb1ea003848
SM_V9_ZSR       iris    exon    5104458 5105163 .       +       .
        Parent=Smp_171610.1;Name=2c438796-af18-4d8b-9043-
eb9ddaa9e5f5
SM_V9_ZSR       iris    CDS     5089353 5089407 .       +       0
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5089442 5089572 .       +       2
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5089615 5089688 .       +       0
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5089724 5089824 .       +       1
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5089864 5090025 .       +       2
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5090065 5090131 .       +       2
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5091262 5091382 .       +       1
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5092217 5092283 .       +       0
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5094483 5094589 .       +       2
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5097186 5097308 .       +       0
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5098458 5098612 .       +       0
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5099776 5099963 .       +       1
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5100574 5100827 .       +       2
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5103051 5103215 .       +       0
        Parent=Smp_171610.1
SM_V9_ZSR       iris    CDS     5104458 5104562 .       +       0
        Parent=Smp_171610.1
SM_V9_ZSR       iris    gene    5107160 5173465 .       -       .

ID=Smp_171600;geneID=Smp_171600;gene_name=Smp_171600;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    5107160 5173465 .       -       .

ID=Smp_171600.1;Parent=Smp_171600;geneID=Smp_171600;gene_name=Smp_17
1600;owner=irisadmin@local.host;orig_id=Smp_171600.1;date_last_modif
ied=2022-07-18;Name=Smp_171600.1;product=Dual specificity protein
phosphatase CDC14A;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5107160 5108132 .       -       .
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        Parent=Smp_171600.1;Name=64f74ea5-5449-4261-bb96-
e79149d8c76b
SM_V9_ZSR       iris    exon    5114901 5115345 .       -       .
        Parent=Smp_171600.1;Name=33faf998-8bac-4c37-
bb4a-501d5fdf9654
SM_V9_ZSR       iris    exon    5115823 5116533 .       -       .

Parent=Smp_171600.1;Name=abb9060f-06f4-4c1d-963f-7f369d7bf470
SM_V9_ZSR       iris    exon    5121492 5121999 .       -       .
        Parent=Smp_171600.1;Name=5f898fee-ee54-4530-8d27-
d0162ef103b7
SM_V9_ZSR       iris    exon    5125042 5125697 .       -       .
        Parent=Smp_171600.1;Name=fad9fcf5-6517-44e9-
ba49-850dcf912136
SM_V9_ZSR       iris    exon    5130976 5131354 .       -       .
        Parent=Smp_171600.1;Name=ae702606-d75b-4f79-b4ef-
b2a897ef58cb
SM_V9_ZSR       iris    exon    5133361 5133591 .       -       .

Parent=Smp_171600.1;Name=001148f8-49d8-419a-93ca-88e9fc2a048b
SM_V9_ZSR       iris    exon    5135634 5135721 .       -       .

Parent=Smp_171600.1;Name=2934b5f3-6828-4f30-92f7-4a0c079c930e
SM_V9_ZSR       iris    exon    5135776 5135838 .       -       .
        Parent=Smp_171600.1;Name=9b8c4851-1ac2-4352-
ae14-944e2ee1ca53
SM_V9_ZSR       iris    exon    5156732 5156798 .       -       .
        Parent=Smp_171600.1;Name=6cd0fb2a-
e83e-4146-8211-4c7a0ece6c9c
SM_V9_ZSR       iris    exon    5166928 5167007 .       -       .
        Parent=Smp_171600.1;Name=55a12cda-7bdf-488b-8b03-
a2918dbc5409
SM_V9_ZSR       iris    exon    5167068 5167160 .       -       .
        Parent=Smp_171600.1;Name=91c1c766-77b2-40d4-
bbff-187759928a87
SM_V9_ZSR       iris    exon    5167213 5167288 .       -       .
        Parent=Smp_171600.1;Name=a3ddfb07-058e-41b5-a812-
e5372ee9d46b
SM_V9_ZSR       iris    exon    5167383 5167473 .       -       .
        Parent=Smp_171600.1;Name=ea40fbdd-0d0e-426c-
b446-2e06af80285a
SM_V9_ZSR       iris    exon    5173232 5173465 .       -       .
        Parent=Smp_171600.1;Name=74a137f6-fd80-451d-ab14-
cb0eb66a68a2
SM_V9_ZSR       iris    CDS     5108103 5108132 .       -       0
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5114901 5115345 .       -       1
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5115823 5116533 .       -       1
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5121492 5121999 .       -       2
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5125042 5125697 .       -       1
        Parent=Smp_171600.1
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SM_V9_ZSR       iris    CDS     5130976 5131354 .       -       2
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5133361 5133591 .       -       2
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5135634 5135721 .       -       0
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5135776 5135838 .       -       0
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5156732 5156798 .       -       1
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5166928 5167007 .       -       0
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5167068 5167160 .       -       0
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5167213 5167288 .       -       1
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5167383 5167473 .       -       2
        Parent=Smp_171600.1
SM_V9_ZSR       iris    CDS     5173232 5173307 .       -       0
        Parent=Smp_171600.1
SM_V9_ZSR       Liftoff gene    5196651 5210006 .       -       .
        ID=Smp_322270;geneID=Smp_322270
SM_V9_ZSR       Liftoff mRNA    5196651 5210006 .       -       .

ID=Smp_322270.1;Parent=Smp_322270;geneID=Smp_322270;product=Type 2
phosphatidylinositol 4,5-bisphosphate 4-
phosphatase;polypeptide_domain=InterPro:IPR019178
Pfam:PF09788;Ontology_term=GO:0034597,GO:0046856
SM_V9_ZSR       Liftoff exon    5196651 5197099 .       -       .
        Parent=Smp_322270.1
SM_V9_ZSR       Liftoff exon    5209772 5209903 .       -       .
        Parent=Smp_322270.1
SM_V9_ZSR       Liftoff exon    5209936 5210006 .       -       .
        Parent=Smp_322270.1
SM_V9_ZSR       Liftoff CDS     5196704 5197099 .       -       0
        Parent=Smp_322270.1
SM_V9_ZSR       Liftoff CDS     5209772 5209903 .       -       0
        Parent=Smp_322270.1
SM_V9_ZSR       Liftoff CDS     5209936 5209971 .       -       0
        Parent=Smp_322270.1
SM_V9_ZSR       Liftoff gene    5212985 5215657 .       +       .
        ID=Smp_322280;geneID=Smp_322280
SM_V9_ZSR       Liftoff mRNA    5212985 5215657 .       +       .

ID=Smp_322280.1;Parent=Smp_322280;geneID=Smp_322280;product=Pogo
transposable element with ZNF domain
SM_V9_ZSR       Liftoff exon    5212985 5215657 .       +       .
        Parent=Smp_322280.1
SM_V9_ZSR       Liftoff CDS     5212994 5213365 .       +       0
        Parent=Smp_322280.1
SM_V9_ZSR       iris    gene    5224980 5234040 .       +       .

ID=Smp_022500;geneID=Smp_022500;gene_name=Smp_022500;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-17
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SM_V9_ZSR       iris    mRNA    5224980 5234040 .       +       .

ID=Smp_022500.1;Parent=Smp_022500;geneID=Smp_022500;gene_name=Smp_02
2500;owner=irisadmin@local.host;orig_id=Smp_022500.1;date_last_modif
ied=2022-07-18;Name=Smp_022500.1;product=Protein downstream neighbor
of son homolog;date_creation=2022-07-17
SM_V9_ZSR       iris    exon    5224980 5225012 .       +       .
        Parent=Smp_022500.1;Name=06a78080-
dad3-42a0-9dc4-55d181431ebd
SM_V9_ZSR       iris    exon    5226268 5226499 .       +       .

Parent=Smp_022500.1;Name=03c91e5b-2103-435b-993b-8bda34cb9aff
SM_V9_ZSR       iris    exon    5231368 5231828 .       +       .
        Parent=Smp_022500.1;Name=56cf4cce-8420-4f09-a379-
f64a124335f9
SM_V9_ZSR       iris    exon    5233859 5234040 .       +       .
        Parent=Smp_022500.1;Name=fc824621-9e5b-4aab-
b88b-3337efaa866a
SM_V9_ZSR       iris    CDS     5226302 5226499 .       +       0
        Parent=Smp_022500.1
SM_V9_ZSR       iris    CDS     5231368 5231748 .       +       0
        Parent=Smp_022500.1
SM_V9_ZSR       iris    gene    5237426 5250028 .       -       .

ID=Smp_022540;geneID=Smp_022540;gene_name=Smp_022540;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    5237426 5250028 .       -       .

ID=Smp_022540.1;Parent=Smp_022540;geneID=Smp_022540;gene_name=Smp_02
2540;owner=irisadmin@local.host;orig_id=Smp_022540.1;date_last_modif
ied=2022-07-18;Name=Smp_022540.1;product=Type 2 phosphatidylinositol
4,5-bisphosphate 4-phosphatase;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5237426 5238315 .       -       .

Parent=Smp_022540.1;Name=36e3d47d-0bcf-41a5-8c59-4ec24f5f00d8
SM_V9_ZSR       iris    exon    5243614 5244004 .       -       .

Parent=Smp_022540.1;Name=38c8eac5-5669-406c-9b87-0b0ef9041f46
SM_V9_ZSR       iris    exon    5249410 5249541 .       -       .
        Parent=Smp_022540.1;Name=ebb2f4b7-
ee41-4e52-8ef7-08c7d861dbaf
SM_V9_ZSR       iris    exon    5249574 5249740 .       -       .
        Parent=Smp_022540.1;Name=223d5b44-9a19-453a-b571-
f26f0ba301a0
SM_V9_ZSR       iris    exon    5249777 5249808 .       -       .
        Parent=Smp_022540.1;Name=ebf57276-b674-48a5-8be8-
fadcc4ff1843
SM_V9_ZSR       iris    exon    5249848 5249887 .       -       .
        Parent=Smp_022540.1;Name=aac2f693-a941-4c53-9c42-
d857bab8fabc
SM_V9_ZSR       iris    exon    5249953 5250028 .       -       .
        Parent=Smp_022540.1;Name=d4ec0ff4-65c0-4331-8be9-
b390b510cfd5
SM_V9_ZSR       iris    CDS     5238221 5238315 .       -       2
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        Parent=Smp_022540.1
SM_V9_ZSR       iris    CDS     5243614 5244004 .       -       0
        Parent=Smp_022540.1
SM_V9_ZSR       iris    CDS     5249410 5249541 .       -       0
        Parent=Smp_022540.1
SM_V9_ZSR       iris    CDS     5249574 5249740 .       -       2
        Parent=Smp_022540.1
SM_V9_ZSR       iris    CDS     5249777 5249807 .       -       0
        Parent=Smp_022540.1
SM_V9_ZSR       Liftoff gene    5273293 5292806 .       +       .
        ID=Smp_134230;geneID=Smp_134230
SM_V9_ZSR       Liftoff mRNA    5273293 5292806 .       +       .

ID=Smp_134230.1;Parent=Smp_134230;geneID=Smp_134230;product=Geranylg
eranyl pyrophosphate
synthase;polypeptide_domain=InterPro:IPR000092,IPR008949,IPR033749
Pfam:PF00348;Ontology_term=GO:0008299
SM_V9_ZSR       Liftoff exon    5273293 5273465 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff exon    5273498 5273652 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff exon    5276784 5276947 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff exon    5283275 5283376 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff exon    5286080 5286140 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff exon    5287727 5287805 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff exon    5289430 5289647 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff exon    5291922 5292806 .       +       .
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5273418 5273465 .       +       0
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5273498 5273652 .       +       0
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5276784 5276947 .       +       1
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5283275 5283376 .       +       2
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5286080 5286140 .       +       2
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5287727 5287805 .       +       1
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5289430 5289647 .       +       0
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff CDS     5291922 5292111 .       +       1
        Parent=Smp_134230.1
SM_V9_ZSR       Liftoff mRNA    5273343 5292806 .       +       .

ID=Smp_134230.2;Parent=Smp_134230;geneID=Smp_134230;product=Geranylg
eranyl pyrophosphate
synthase;polypeptide_domain=InterPro:IPR000092,IPR008949,IPR033749
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Pfam:PF00348;Ontology_term=GO:0008299
SM_V9_ZSR       Liftoff exon    5273343 5283376 .       +       .
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff exon    5286080 5286140 .       +       .
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff exon    5287727 5287805 .       +       .
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff exon    5289430 5289647 .       +       .
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff exon    5291922 5292806 .       +       .
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff CDS     5283280 5283376 .       +       0
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff CDS     5286080 5286140 .       +       2
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff CDS     5287727 5287805 .       +       1
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff CDS     5289430 5289647 .       +       0
        Parent=Smp_134230.2
SM_V9_ZSR       Liftoff CDS     5291922 5292111 .       +       1
        Parent=Smp_134230.2
SM_V9_ZSR       iris    gene    5293343 5314490 .       +       .

ID=Smp_022470;geneID=Smp_022470;gene_name=Smp_022470;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    5293343 5314490 .       +       .

ID=Smp_022470.1;Parent=Smp_022470;geneID=Smp_022470;gene_name=Smp_02
2470;owner=irisadmin@local.host;orig_id=Smp_022470.1;date_last_modif
ied=2022-07-18;Name=Smp_022470.1;product=DNA excision repair protein
ERCC-1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5293343 5293506 .       +       .

Parent=Smp_022470.1;Name=ba79ef41-3719-44c2-8415-7a703f04b328
SM_V9_ZSR       iris    exon    5295605 5295963 .       +       .
        Parent=Smp_022470.1;Name=fde87637-0f88-4f81-8ed2-
a389359a2a61
SM_V9_ZSR       iris    exon    5298290 5298347 .       +       .
        Parent=Smp_022470.1;Name=e5befb6e-a21c-423e-9474-
cf93e42bb07a
SM_V9_ZSR       iris    exon    5299414 5299517 .       +       .
        Parent=Smp_022470.1;Name=aef7dea2-3c02-47e2-99d4-
fe72f7ad98f0
SM_V9_ZSR       iris    exon    5307703 5307802 .       +       .
        Parent=Smp_022470.1;Name=f849122a-1c92-4002-9545-
f32f5b6c0a79
SM_V9_ZSR       iris    exon    5309650 5309726 .       +       .

Parent=Smp_022470.1;Name=70547a3f-8aab-4c54-852e-7d43d29327c0
SM_V9_ZSR       iris    exon    5312253 5312430 .       +       .
        Parent=Smp_022470.1;Name=b82150bd-1b4b-414f-ac64-
b588d9fc53d7
SM_V9_ZSR       iris    exon    5313528 5313596 .       +       .
        Parent=Smp_022470.1;Name=f9922b86-58a8-4398-
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bc16-03a6f82e8298
SM_V9_ZSR       iris    exon    5314296 5314490 .       +       .
        Parent=Smp_022470.1;Name=93e71961-8e8d-4c58-bd9a-
fc2137c6f81c
SM_V9_ZSR       iris    CDS     5293432 5293506 .       +       0
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5295605 5295963 .       +       0
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5298290 5298347 .       +       1
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5299414 5299517 .       +       0
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5307703 5307802 .       +       1
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5309650 5309726 .       +       0
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5312253 5312430 .       +       1
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5313528 5313596 .       +       0
        Parent=Smp_022470.1
SM_V9_ZSR       iris    CDS     5314296 5314349 .       +       0
        Parent=Smp_022470.1
SM_V9_ZSR       iris    gene    5319056 5321480 .       -       .

ID=Smp_340390;geneID=Smp_340390;gene_name=Smp_340390;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    5319056 5321480 .       -       .

ID=Smp_340390.1;Parent=Smp_340390;geneID=Smp_340390;gene_name=Smp_34
0390;owner=irisadmin@local.host;orig_id=Smp_340390.1;date_last_modif
ied=2022-07-09;Name=Smp_340390.1;product=Endoplasmic reticulum
vesicle protein 25;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    5319056 5319178 .       -       .
        Parent=Smp_340390.1;Name=9b72ea1c-2ee7-4ecd-8cc3-
da40bb545f26
SM_V9_ZSR       iris    exon    5319213 5319333 .       -       .
        Parent=Smp_340390.1;Name=a6846238-d406-4c4d-9988-
a0f6db065085
SM_V9_ZSR       iris    exon    5319780 5319977 .       -       .
        Parent=Smp_340390.1;Name=5f9a6dc4-f41d-433a-
bced-9f09037dc304
SM_V9_ZSR       iris    exon    5321452 5321480 .       -       .
        Parent=Smp_340390.1;Name=11c22325-f976-42f5-
a249-2c6b6cd2eb43
SM_V9_ZSR       iris    CDS     5319119 5319178 .       -       0
        Parent=Smp_340390.1
SM_V9_ZSR       iris    CDS     5319213 5319333 .       -       1
        Parent=Smp_340390.1
SM_V9_ZSR       iris    CDS     5319780 5319889 .       -       0
        Parent=Smp_340390.1
SM_V9_ZSR       iris    gene    5333504 5341874 .       +       .

ID=Smp_186780;geneID=Smp_186780;gene_name=Smp_186780;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
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SM_V9_ZSR       iris    mRNA    5333504 5341874 .       +       .

ID=Smp_186780.1;Parent=Smp_186780;geneID=Smp_186780;gene_name=Smp_18
6780;owner=irisadmin@local.host;orig_id=Smp_186780.1;date_last_modif
ied=2022-07-09;Name=Smp_186780.1;product=Farnesyl pyrophosphate
synthase 2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5333504 5333937 .       +       .
        Parent=Smp_186780.1;Name=6ad9a950-0e1e-4576-93a1-
c8f29b69d1f8
SM_V9_ZSR       iris    exon    5338803 5338964 .       +       .
        Parent=Smp_186780.1;Name=bf300bb9-3728-41fc-
a8d2-9c0c31d6c957
SM_V9_ZSR       iris    exon    5341606 5341874 .       +       .
        Parent=Smp_186780.1;Name=9cb803f9-
ff67-45ce-9a81-689c48ebcd40
SM_V9_ZSR       iris    CDS     5333688 5333937 .       +       0
        Parent=Smp_186780.1
SM_V9_ZSR       iris    CDS     5338803 5338964 .       +       2
        Parent=Smp_186780.1
SM_V9_ZSR       iris    CDS     5341606 5341769 .       +       2
        Parent=Smp_186780.1
SM_V9_ZSR       iris    mRNA    5333504 5341874 .       +       .

ID=Smp_186780.2;Parent=Smp_186780;geneID=Smp_186780;gene_name=Smp_18
6780;owner=irisadmin@local.host;date_last_modified=2022-07-09;Name=S
mp_186780.2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5333504 5333937 .       +       .
        Parent=Smp_186780.2;Name=5bb1e28a-c36d-40d7-9d21-
dd6cb5d0093f
SM_V9_ZSR       iris    exon    5337549 5337633 .       +       .
        Parent=Smp_186780.2;Name=da28ce81-85dd-4215-9575-
b5b999b7d4b0
SM_V9_ZSR       iris    exon    5338803 5338964 .       +       .
        Parent=Smp_186780.2;Name=0e10cc02-caf5-4883-
aba2-2d8a0923353a
SM_V9_ZSR       iris    exon    5341606 5341874 .       +       .
        Parent=Smp_186780.2;Name=4d7cf4b5-4c01-436f-
aeaf-94df07fc48fc
SM_V9_ZSR       iris    CDS     5333688 5333937 .       +       0
        Parent=Smp_186780.2
SM_V9_ZSR       iris    CDS     5337549 5337574 .       +       2
        Parent=Smp_186780.2
SM_V9_ZSR       Liftoff gene    5353828 5362369 .       +       .

ID=Smp_022450;geneID=Smp_022450;previous_systematic_id=Smp_134220
SM_V9_ZSR       Liftoff mRNA    5353828 5362369 .       +       .

ID=Smp_022450.1;Parent=Smp_022450;geneID=Smp_022450;product=Mast/
stem cell growth factor receptor Kit
SM_V9_ZSR       Liftoff exon    5353828 5354098 .       +       .
        Parent=Smp_022450.1
SM_V9_ZSR       Liftoff exon    5360459 5360614 .       +       .
        Parent=Smp_022450.1
SM_V9_ZSR       Liftoff exon    5362001 5362369 .       +       .
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        Parent=Smp_022450.1
SM_V9_ZSR       Liftoff CDS     5353999 5354098 .       +       0
        Parent=Smp_022450.1
SM_V9_ZSR       Liftoff CDS     5360459 5360614 .       +       2
        Parent=Smp_022450.1
SM_V9_ZSR       Liftoff CDS     5362001 5362155 .       +       2
        Parent=Smp_022450.1
SM_V9_ZSR       Liftoff gene    5365464 5372969 .       -       .
        ID=Smp_177790;geneID=Smp_177790
SM_V9_ZSR       Liftoff mRNA    5365464 5372969 .       -       .

ID=Smp_177790.1;Parent=Smp_177790;geneID=Smp_177790;product=NFU1
iron-sulfur cluster scaffold homolog,
mitochondrial;polypeptide_domain=InterPro:IPR001075,IPR014824,IPR034
904,IPR035433
Pfam:PF01106,PF08712;Ontology_term=GO:0005506,GO:0016226,GO:0051536
SM_V9_ZSR       Liftoff exon    5365464 5365828 .       -       .
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff exon    5367057 5367160 .       -       .
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff exon    5369241 5369349 .       -       .
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff exon    5369386 5369452 .       -       .
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff exon    5369486 5369624 .       -       .
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff exon    5369662 5372969 .       -       .
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff CDS     5365610 5365828 .       -       0
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff CDS     5367057 5367160 .       -       2
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff CDS     5369241 5369349 .       -       0
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff CDS     5369386 5369452 .       -       1
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff CDS     5369486 5369624 .       -       2
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff CDS     5369662 5369722 .       -       0
        Parent=Smp_177790.1
SM_V9_ZSR       Liftoff mRNA    5367556 5372969 .       -       .

ID=Smp_177790.2;Parent=Smp_177790;geneID=Smp_177790;product=NFU1
iron-sulfur cluster scaffold homolog,
mitochondrial;polypeptide_domain=InterPro:IPR014824 Pfam:PF08712
SM_V9_ZSR       Liftoff exon    5367556 5367885 .       -       .
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff exon    5369241 5369349 .       -       .
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff exon    5369386 5369452 .       -       .
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff exon    5369486 5369624 .       -       .
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff exon    5369662 5372969 .       -       .
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        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff CDS     5367671 5367885 .       -       2
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff CDS     5369241 5369349 .       -       0
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff CDS     5369386 5369452 .       -       1
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff CDS     5369486 5369624 .       -       2
        Parent=Smp_177790.2
SM_V9_ZSR       Liftoff CDS     5369662 5369722 .       -       0
        Parent=Smp_177790.2
SM_V9_ZSR       iris    gene    5387339 5406066 .       -       .

ID=Smp_342890;geneID=Smp_342890;gene_name=Smp_342890;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    5387339 5406066 .       -       .

ID=Smp_342890.1;Parent=Smp_342890;geneID=Smp_342890;gene_name=Smp_34
2890;owner=irisadmin@local.host;orig_id=Smp_342890.1;date_last_modif
ied=2022-07-09;Name=Smp_342890.1;product=Arrestin domain-containing
protein 2;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    5387339 5388127 .       -       .
        Parent=Smp_342890.1;Name=05ce855b-
d057-4dc3-831c-846449abc640
SM_V9_ZSR       iris    exon    5391262 5391787 .       -       .
        Parent=Smp_342890.1;Name=4b7593ad-9510-4c61-
acb1-45c91dc411cc
SM_V9_ZSR       iris    exon    5393583 5393652 .       -       .
        Parent=Smp_342890.1;Name=d67d1eab-4799-446d-
b4e2-0b7c148dce44
SM_V9_ZSR       iris    exon    5393655 5394547 .       -       .
        Parent=Smp_342890.1;Name=1b6cbdb2-c7fd-4905-890e-
aaab445bc552
SM_V9_ZSR       iris    exon    5396726 5396937 .       -       .
        Parent=Smp_342890.1;Name=46afda62-fe77-49d1-
b90c-2352f9ea2e5f
SM_V9_ZSR       iris    exon    5403411 5403707 .       -       .
        Parent=Smp_342890.1;Name=669e988d-92a4-41d3-ae09-
f97d25bf4596
SM_V9_ZSR       iris    exon    5405538 5406066 .       -       .
        Parent=Smp_342890.1;Name=a2e50e38-2eda-472b-
ab57-6d525b48a985
SM_V9_ZSR       iris    CDS     5387757 5388127 .       -       2
        Parent=Smp_342890.1
SM_V9_ZSR       iris    CDS     5391262 5391787 .       -       0
        Parent=Smp_342890.1
SM_V9_ZSR       iris    CDS     5393583 5393652 .       -       1
        Parent=Smp_342890.1
SM_V9_ZSR       iris    CDS     5393655 5394547 .       -       0
        Parent=Smp_342890.1
SM_V9_ZSR       iris    CDS     5396726 5396937 .       -       2
        Parent=Smp_342890.1
SM_V9_ZSR       iris    CDS     5403411 5403707 .       -       2
        Parent=Smp_342890.1
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SM_V9_ZSR       iris    CDS     5405538 5405703 .       -       0
        Parent=Smp_342890.1
SM_V9_ZSR       iris    gene    5435554 5436275 .       -       .

ID=Smp_022430;geneID=Smp_022430;gene_name=Smp_022430;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    5435554 5436275 .       -       .

ID=Smp_022430.1;Parent=Smp_022430;geneID=Smp_022430;gene_name=Smp_02
2430;owner=irisadmin@local.host;orig_id=Smp_022430.1;date_last_modif
ied=2022-08-02;Name=Smp_022430.1;product=Mitochondrial pyruvate
carrier-like protein;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    5435554 5435797 .       -       .
        Parent=Smp_022430.1;Name=e5afc251-a1d8-416f-bf8f-
cd6d465d4cb7
SM_V9_ZSR       iris    exon    5435832 5435964 .       -       .
        Parent=Smp_022430.1;Name=715d94a9-ac9e-450d-915c-
a7441d22e871
SM_V9_ZSR       iris    exon    5435996 5436092 .       -       .
        Parent=Smp_022430.1;Name=66198b44-
b636-4942-9bf0-8baba543c7d1
SM_V9_ZSR       iris    exon    5436162 5436165 .       -       .
        Parent=Smp_022430.1;Name=719efbbd-
ba2b-41e8-84d9-1402cd873447
SM_V9_ZSR       iris    exon    5436205 5436275 .       -       .
        Parent=Smp_022430.1;Name=4f8a2b49-
f7bb-4947-8a82-6df1064521ea
SM_V9_ZSR       iris    CDS     5435743 5435797 .       -       1
        Parent=Smp_022430.1
SM_V9_ZSR       iris    CDS     5435832 5435964 .       -       2
        Parent=Smp_022430.1
SM_V9_ZSR       iris    CDS     5435996 5436092 .       -       0
        Parent=Smp_022430.1
SM_V9_ZSR       iris    CDS     5436162 5436165 .       -       1
        Parent=Smp_022430.1
SM_V9_ZSR       iris    CDS     5436205 5436257 .       -       0
        Parent=Smp_022430.1
SM_V9_ZSR       iris    gene    5440173 5453607 .       +       .

ID=Smp_245380;geneID=Smp_245380;gene_name=Smp_245380;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    5440173 5453607 .       +       .

ID=Smp_245380.1;Parent=Smp_245380;geneID=Smp_245380;gene_name=Smp_24
5380;owner=irisadmin@local.host;orig_id=Smp_245380.2;date_last_modif
ied=2022-08-02;Name=Smp_245380.1;product=Cilia- and flagella-
associated protein 52;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    5440173 5440268 .       +       .
        Parent=Smp_245380.1;Name=4f7c454d-46f7-4869-8b47-
d81b7f3210bd
SM_V9_ZSR       iris    exon    5440306 5440459 .       +       .
        Parent=Smp_245380.1;Name=f7bed5d2-d0bc-4e62-8ee2-
c1fdd7588b24
SM_V9_ZSR       iris    exon    5440498 5440697 .       +       .
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        Parent=Smp_245380.1;Name=d2cf0b79-3cfe-4ec7-aba6-
c8bddbcd7442
SM_V9_ZSR       iris    exon    5440734 5440870 .       +       .
        Parent=Smp_245380.1;Name=14f810f4-98f0-4f9e-8698-57a1b5dcc811
SM_V9_ZSR       iris    exon    5440902 5441030 .       +       .
        Parent=Smp_245380.1;Name=0d11f964-866b-4685-
ada0-57804fa4c170
SM_V9_ZSR       iris    exon    5441065 5441164 .       +       .
        Parent=Smp_245380.1;Name=9f13e07e-a301-4741-ad13-
faaef7681305
SM_V9_ZSR       iris    exon    5441200 5441447 .       +       .
        Parent=Smp_245380.1;Name=a54e21fa-9321-4d30-
a233-8273f5d253aa
SM_V9_ZSR       iris    exon    5444455 5444628 .       +       .
        Parent=Smp_245380.1;Name=db21351e-1a93-4c34-
b259-242400bd7eaf
SM_V9_ZSR       iris    exon    5447171 5447319 .       +       .
        Parent=Smp_245380.1;Name=5b489067-617c-4b57-8220-114c2bd86754
SM_V9_ZSR       iris    exon    5450491 5450866 .       +       .
        Parent=Smp_245380.1;Name=a5f5b092-
f140-48c6-8704-1f00635fe71c
SM_V9_ZSR       iris    exon    5451595 5451832 .       +       .
        Parent=Smp_245380.1;Name=6ea6be02-757f-448b-9a4c-7b95fa557bf6
SM_V9_ZSR       iris    exon    5453193 5453607 .       +       .
        Parent=Smp_245380.1;Name=a900c544-15a3-440f-9d64-5ec4310eb092
SM_V9_ZSR       iris    CDS     5440402 5440459 .       +       0
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5440498 5440697 .       +       2
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5440734 5440870 .       +       0
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5440902 5441030 .       +       1
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5441065 5441164 .       +       1
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5441200 5441447 .       +       0
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5444455 5444628 .       +       1
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5447171 5447319 .       +       1
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5450491 5450866 .       +       2
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5451595 5451832 .       +       1
        Parent=Smp_245380.1
SM_V9_ZSR       iris    CDS     5453193 5453354 .       +       0
        Parent=Smp_245380.1
SM_V9_ZSR       Liftoff gene    5457304 5474749 .       -       .
        ID=Smp_022400;geneID=Smp_022400
SM_V9_ZSR       Liftoff mRNA    5457304 5474749 .       -       .
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ID=Smp_022400.1;Parent=Smp_022400;geneID=Smp_022400;product=Glucose-
6-phosphate
isomerase;polypeptide_domain=InterPro:IPR001672,IPR018189,IPR023096,
IPR035476,IPR035482
Pfam:PF00342;Ontology_term=GO:0004347,GO:0006094,GO:0006096
SM_V9_ZSR       Liftoff exon    5457304 5457874 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5459411 5459682 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5462488 5462811 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5465545 5465624 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5466125 5466185 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5466863 5466961 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5467165 5467236 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5468001 5468144 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5474121 5474255 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5474288 5474425 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5474460 5474550 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff exon    5474588 5474749 .       -       .
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5457751 5457874 .       -       1
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5459411 5459682 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5462488 5462811 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5465545 5465624 .       -       2
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5466125 5466185 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5466863 5466961 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5467165 5467236 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5468001 5468144 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5474121 5474255 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5474288 5474425 .       -       0
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5474460 5474550 .       -       1
        Parent=Smp_022400.1
SM_V9_ZSR       Liftoff CDS     5474588 5474685 .       -       0
        Parent=Smp_022400.1
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SM_V9_ZSR	iris	gene	5563239	5833817	.	+	.
ID=Smp_342880;geneID=Smp_342880;gene_name=Smp_342880;owner=irisadmin
@local.host;date_last_modified=2022-10-03;date_creation=2022-08-20
SM_V9_ZSR	iris	mRNA	5563239	5832711	.	+	.
ID=Smp_342880.1;Parent=Smp_342880;geneID=Smp_342880;gene_name=Smp_34
2880;owner=irisadmin@local.host;orig_id=Smp_342880.1;date_last_modif
ied=2022-08-20;Name=Smp_342880.1;product=Receptor-type tyrosine-
protein phosphatase delta;date_creation=2022-08-20
SM_V9_ZSR	iris	exon	5563239	5563603	.	+	.
	Parent=Smp_342880.1;Name=042aaf2e-6b55-4b6d-81e0-
f938d883695a
SM_V9_ZSR	iris	exon	5620706	5620981	.	+	.
	Parent=Smp_342880.1;Name=1b214985-dc15-4987-885e-
ed5e1bef49b8
SM_V9_ZSR	iris	exon	5676341	5676637	.	+	.
	Parent=Smp_342880.1;Name=3d7a3734-eb34-4128-
b989-8f23bd337d6a
SM_V9_ZSR	iris	exon	5701228	5701401	.	+	.
	Parent=Smp_342880.1;Name=b8a5a9db-3fc1-40d3-b19f-
dbd949e44b3b
SM_V9_ZSR	iris	exon	5704350	5704466	.	+	.
	Parent=Smp_342880.1;Name=aabfdefc-
ea25-42e1-8423-688d7eddb986
SM_V9_ZSR	iris	exon	5709295	5709600	.	+	.
Parent=Smp_342880.1;Name=f2b9e18f-17c2-4f5f-95b5-168ac1441f6a
SM_V9_ZSR	iris	exon	5712024	5712386	.	+	.
Parent=Smp_342880.1;Name=73959483-33d9-43f4-827b-7f0c3f082ce6
SM_V9_ZSR	iris	exon	5728364	5728464	.	+	.
	Parent=Smp_342880.1;Name=08b589ec-da10-49cd-
abbd-020b9cd7b6bf
SM_V9_ZSR	iris	exon	5729919	5730111	.	+	.
	Parent=Smp_342880.1;Name=7e9dcbf0-3ba7-4329-8b7d-
ca06781ffe15
SM_V9_ZSR	iris	exon	5736473	5736856	.	+	.
	Parent=Smp_342880.1;Name=99f9f7c2-b847-41de-
b05d-5e25a1b0949d
SM_V9_ZSR	iris	exon	5739098	5739514	.	+	.
Parent=Smp_342880.1;Name=8192a02b-3016-400a-97c6-9e832780f716
SM_V9_ZSR	iris	exon	5776545	5776907	.	+	.
	Parent=Smp_342880.1;Name=8e579079-f538-4aca-
b188-8a9c7c13452c
SM_V9_ZSR	iris	exon	5781799	5781891	.	+	.
	Parent=Smp_342880.1;Name=54c1d303-47a1-4dd0-
b875-34a0a3495eca
SM_V9_ZSR	iris	exon	5786644	5786949	.	+	.
	Parent=Smp_342880.1;Name=f79f3fa3-46fe-4aba-
bf18-5f4499e35a5d
SM_V9_ZSR	iris	exon	5787821	5788254	.	+	.
	Parent=Smp_342880.1;Name=0f17f7ed-
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e1d3-488c-9a40-9fe96ff7710d
SM_V9_ZSR       iris    exon    5799674 5799908 .       +       .
        Parent=Smp_342880.1;Name=b9208fb6-4b12-4b78-8161-
ccc8f05993b3
SM_V9_ZSR       iris    exon    5802952 5803124 .       +       .
        Parent=Smp_342880.1;Name=a69f7747-1460-479c-894d-
da187eae20df
SM_V9_ZSR       iris    exon    5812001 5812267 .       +       .
        Parent=Smp_342880.1;Name=7bb244f3-d1bf-4f46-
be8b-851c605c5e87
SM_V9_ZSR       iris    exon    5812987 5813318 .       +       .
        Parent=Smp_342880.1;Name=ce9de9d1-7ed9-467f-
a322-61f23184e131
SM_V9_ZSR       iris    exon    5814157 5814854 .       +       .
        Parent=Smp_342880.1;Name=c7c420e5-888d-4c2d-
b7dd-340dfec025da
SM_V9_ZSR       iris    exon    5817021 5817319 .       +       .
        Parent=Smp_342880.1;Name=ef679346-cfe9-4050-b0ef-
fc1d3380a5cf
SM_V9_ZSR       iris    exon    5818328 5818766 .       +       .

Parent=Smp_342880.1;Name=59e63c2b-687e-401e-8332-567a73065e4a
SM_V9_ZSR       iris    exon    5821392 5821654 .       +       .
        Parent=Smp_342880.1;Name=458c8a9f-0edd-4b22-
adc4-91f1489481fd
SM_V9_ZSR       iris    exon    5826804 5827109 .       +       .

Parent=Smp_342880.1;Name=27b6d4aa-1684-44a6-8eab-4d08f82c1b24
SM_V9_ZSR       iris    exon    5828135 5828415 .       +       .
        Parent=Smp_342880.1;Name=93c2ba88-0cae-457f-903b-
e60d72786b36
SM_V9_ZSR       iris    exon    5830934 5832711 .       +       .
        Parent=Smp_342880.1;Name=75811edc-f57a-4f5f-b038-
d40d500186cd
SM_V9_ZSR       iris    CDS     5620876 5620981 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5676341 5676637 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5701228 5701401 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5704350 5704466 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5709295 5709600 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5712024 5712386 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5728364 5728464 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5729919 5730111 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5736473 5736856 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5739098 5739514 .       +       2
        Parent=Smp_342880.1
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SM_V9_ZSR       iris    CDS     5776545 5776907 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5781799 5781891 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5786644 5786949 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5787821 5788254 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5799674 5799908 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5802952 5803124 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5812001 5812267 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5812987 5813318 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5814157 5814854 .       +       1
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5817021 5817319 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5818328 5818766 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5821392 5821654 .       +       2
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5826804 5827109 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5828135 5828415 .       +       0
        Parent=Smp_342880.1
SM_V9_ZSR       iris    CDS     5830934 5831138 .       +       1
        Parent=Smp_342880.1
SM_V9_ZSR       iris    mRNA    5752848 5833817 .       +       .

ID=Smp_342880.2;Parent=Smp_342880;geneID=Smp_342880;gene_name=Smp_34
2880;owner=irisadmin@local.host;orig_id=Smp_342880.2;date_last_modif
ied=2022-10-03;Name=Smp_342880.2;product=Receptor-type tyrosine-
protein phosphatase delta;date_creation=2022-10-03
SM_V9_ZSR       iris    exon    5752848 5753409 .       +       .

Parent=Smp_342880.2;Name=319b3ab3-3c30-42f4-815a-9dfe4c2e5ce0
SM_V9_ZSR       iris    exon    5776545 5776907 .       +       .
        Parent=Smp_342880.2;Name=fde17f7f-cb35-4c48-856a-
b404e73d443a
SM_V9_ZSR       iris    exon    5781799 5781891 .       +       .
        Parent=Smp_342880.2;Name=d7bf9fd4-b24e-485f-b525-
fc9693c5925e
SM_V9_ZSR       iris    exon    5786644 5786949 .       +       .
        Parent=Smp_342880.2;Name=ecc0f136-f832-45f1-8899-
c8e35ce93909
SM_V9_ZSR       iris    exon    5787821 5788254 .       +       .
        Parent=Smp_342880.2;Name=4e0c8ec6-8524-41a8-
a446-55263987709e
SM_V9_ZSR       iris    exon    5799674 5799908 .       +       .
        Parent=Smp_342880.2;Name=afb304b2-b1cd-4367-
b48e-9c89b61fbc02
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SM_V9_ZSR	iris	exon	5802952 5803124 .	+	.
	Parent=Smp_342880.2;Name=3e956b07-d743-4a0c-
a456-027315af99c4
SM_V9_ZSR	iris	exon	5812001 5812267 .	+	.
	Parent=Smp_342880.2;Name=06a53589-2d38-412c-
ab6a-3636d9941b20
SM_V9_ZSR	iris	exon	5812987 5813318 .	+	.
	Parent=Smp_342880.2;Name=79da2a30-cd31-4e41-a298-
bce175d4073e
SM_V9_ZSR	iris	exon	5814157 5814854 .	+	.
	Parent=Smp_342880.2;Name=9fc33511-02da-4b4c-932b-
a722ed2cd5bc
SM_V9_ZSR	iris	exon	5817021 5817319 .	+	.
	Parent=Smp_342880.2;Name=d8549110-
b4fd-4a0d-933c-3842a1befba2
SM_V9_ZSR	iris	exon	5818328 5818766 .	+	.
	Parent=Smp_342880.2;Name=40df1600-ff06-4853-8904-
dda5e942da7d
SM_V9_ZSR	iris	exon	5821392 5821654 .	+	.

Parent=Smp_342880.2;Name=0e0b6fe1-55dc-4f8d-8cf7-154cd4ffc5f9
SM_V9_ZSR	iris	exon	5826804 5827109 .	+	.
	Parent=Smp_342880.2;Name=efd83c47-f2b6-412e-aaf7-
a8057f601e1a
SM_V9_ZSR	iris	exon	5828135 5828415 .	+	.
	Parent=Smp_342880.2;Name=11caddea-d26e-4eb6-bbc3-
afa02b71a28f
SM_V9_ZSR	iris	exon	5830934 5833817 .	+	.

Parent=Smp_342880.2;Name=9f67d256-22f6-4d8b-9233-19561f006ffc
SM_V9_ZSR	iris	CDS	5753226 5753409 .	+	0
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5776545 5776907 .	+	2
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5781799 5781891 .	+	2
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5786644 5786949 .	+	2
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5787821 5788254 .	+	2
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5799674 5799908 .	+	0
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5802952 5803124 .	+	2
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5812001 5812267 .	+	0
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5812987 5813318 .	+	0
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5814157 5814854 .	+	1
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5817021 5817319 .	+	2
	Parent=Smp_342880.2
SM_V9_ZSR	iris	CDS	5818328 5818766 .	+	0
	Parent=Smp_342880.2
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SM_V9_ZSR       iris    CDS     5821392 5821654 .       +       2
        Parent=Smp_342880.2
SM_V9_ZSR       iris    CDS     5826804 5827109 .       +       0
        Parent=Smp_342880.2
SM_V9_ZSR       iris    CDS     5828135 5828415 .       +       0
        Parent=Smp_342880.2
SM_V9_ZSR       iris    CDS     5830934 5831138 .       +       1
        Parent=Smp_342880.2
SM_V9_ZSR       Liftoff gene    5867718 5869587 .       +       .
        ID=Smp_022340;geneID=Smp_022340
SM_V9_ZSR       Liftoff mRNA    5867718 5869587 .       +       .

ID=Smp_022340.1;Parent=Smp_022340;geneID=Smp_022340;product=PDZ and
LIM domain protein 3;polypeptide_domain=InterPro:IPR001478,IPR001781
Pfam:PF00412,PF00595;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    5867718 5869587 .       +       .
        Parent=Smp_022340.1
SM_V9_ZSR       Liftoff CDS     5867836 5868801 .       +       0
        Parent=Smp_022340.1
SM_V9_ZSR       iris    gene    5887781 5888916 .       +       .

ID=Smp_022330;geneID=Smp_022330;gene_name=Smp_022330;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    5887781 5888916 .       +       .

ID=Smp_022330.1;Parent=Smp_022330;geneID=Smp_022330;gene_name=Smp_02
2330;owner=irisadmin@local.host;orig_id=Smp_022330.1;date_last_modif
ied=2022-10-04;Name=Smp_022330.1;product=DnaJ homolog subfamily B
member 6-A;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    5887781 5888916 .       +       .
        Parent=Smp_022330.1;Name=Smp_022330.1-CDS
SM_V9_ZSR       iris    CDS     5887867 5888679 .       +       0
        Parent=Smp_022330.1
SM_V9_ZSR       iris    gene    5898762 5913495 .       -       .

ID=Smp_022320;geneID=Smp_022320;gene_name=Smp_022320;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    5898762 5913495 .       -       .

ID=Smp_022320.2;Parent=Smp_022320;geneID=Smp_022320;gene_name=Smp_02
2320;owner=irisadmin@local.host;orig_id=Smp_022320.2;date_last_modif
ied=2022-06-30;Name=Smp_022320.2;product=Cytochrome c-type heme
lyase;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5898762 5899794 .       -       .
        Parent=Smp_022320.2;Name=2bc82d4b-4cab-4bd9-a617-
fb9a0c9c2090
SM_V9_ZSR       iris    exon    5903002 5903085 .       -       .

Parent=Smp_022320.2;Name=b6be0407-343a-4855-8608-65778b3ea80c
SM_V9_ZSR       iris    exon    5906810 5907084 .       -       .
        Parent=Smp_022320.2;Name=ad7472bd-d85a-4978-
bf11-28dadc8b2238
SM_V9_ZSR       iris    exon    5912984 5913495 .       -       .
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Parent=Smp_022320.2;Name=a3100e11-58e3-49a5-81fa-214acad87416
SM_V9_ZSR       iris    CDS     5899752 5899794 .       -       1
        Parent=Smp_022320.2
SM_V9_ZSR       iris    CDS     5903002 5903085 .       -       1
        Parent=Smp_022320.2
SM_V9_ZSR       iris    CDS     5906810 5907084 .       -       0
        Parent=Smp_022320.2
SM_V9_ZSR       iris    CDS     5912984 5913112 .       -       0
        Parent=Smp_022320.2
SM_V9_ZSR       iris    mRNA    5898762 5913495 .       -       .

ID=Smp_022320.3;Parent=Smp_022320;geneID=Smp_022320;gene_name=Smp_02
2320;owner=irisadmin@local.host;date_last_modified=2022-06-30;Name=S
mp_022320.3;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5898762 5899794 .       -       .
        Parent=Smp_022320.3;Name=e94174e8-ab2e-440d-
ae44-035cac113693
SM_V9_ZSR       iris    exon    5901453 5901597 .       -       .
        Parent=Smp_022320.3;Name=912b931e-b9d4-4437-
b297-68064c11e5ed
SM_V9_ZSR       iris    exon    5903002 5903085 .       -       .

Parent=Smp_022320.3;Name=45a5cde2-382f-4ccd-865e-8bbc6e4309cb
SM_V9_ZSR       iris    exon    5906810 5907084 .       -       .
        Parent=Smp_022320.3;Name=ab7b7ca0-2d2b-446e-
b78f-5b8371b7e54b
SM_V9_ZSR       iris    exon    5912984 5913495 .       -       .
        Parent=Smp_022320.3;Name=4c41acf1-
d3a2-4d7a-95e2-718815c1e8bd
SM_V9_ZSR       iris    CDS     5901558 5901597 .       -       1
        Parent=Smp_022320.3
SM_V9_ZSR       iris    CDS     5903002 5903085 .       -       1
        Parent=Smp_022320.3
SM_V9_ZSR       iris    CDS     5906810 5907084 .       -       0
        Parent=Smp_022320.3
SM_V9_ZSR       iris    CDS     5912984 5913112 .       -       0
        Parent=Smp_022320.3
SM_V9_ZSR       iris    mRNA    5900362 5913492 .       -       .

ID=Smp_022320.1;Parent=Smp_022320;geneID=Smp_022320;gene_name=Smp_02
2320;owner=irisadmin@local.host;orig_id=Smp_022320.1;date_last_modif
ied=2022-06-30;Name=Smp_022320.1;product=Cytochrome c-type heme
lyase;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    5900362 5900873 .       -       .
        Parent=Smp_022320.1;Name=244b5944-
d6d6-4172-990e-28b859b53430
SM_V9_ZSR       iris    exon    5903002 5903085 .       -       .
        Parent=Smp_022320.1;Name=619203e4-
de7f-43ab-85e0-5407a7155a1a
SM_V9_ZSR       iris    exon    5906810 5907084 .       -       .
        Parent=Smp_022320.1;Name=a398719b-4b3f-4f73-bad3-
cb4e843caee5
SM_V9_ZSR       iris    exon    5912984 5913492 .       -       .
        Parent=Smp_022320.1;Name=504ac03f-3b04-413b-bc70-
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a34401a338e1
SM_V9_ZSR       iris    CDS     5900612 5900873 .       -       1
        Parent=Smp_022320.1
SM_V9_ZSR       iris    CDS     5903002 5903085 .       -       1
        Parent=Smp_022320.1
SM_V9_ZSR       iris    CDS     5906810 5907084 .       -       0
        Parent=Smp_022320.1
SM_V9_ZSR       iris    CDS     5912984 5913112 .       -       0
        Parent=Smp_022320.1
SM_V9_ZSR       iris    gene    5925068 5952421 .       +       .

ID=Smp_340380;geneID=Smp_340380;gene_name=Smp_340380;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    5925068 5952421 .       +       .

ID=Smp_340380.1;Parent=Smp_340380;geneID=Smp_340380;gene_name=Smp_34
0380;owner=irisadmin@local.host;orig_id=Smp_340380.1;date_last_modif
ied=2022-08-02;Name=Smp_340380.1;product=SWI/SNF-related matrix-
associated actin-dependent regulator of chromatin subfamily A
containing DEAD/H box 1 homolog;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    5925068 5925138 .       +       .
        Parent=Smp_340380.1;Name=978b64ec-3a15-43ce-
b97a-1997a5d5f22e
SM_V9_ZSR       iris    exon    5925183 5925323 .       +       .
        Parent=Smp_340380.1;Name=b4038fbf-f4e3-4ae5-
a0d5-273c5522a984
SM_V9_ZSR       iris    exon    5930044 5930082 .       +       .

Parent=Smp_340380.1;Name=a294a167-9563-40d1-9b3e-886fde17ff66
SM_V9_ZSR       iris    exon    5930119 5930365 .       +       .
        Parent=Smp_340380.1;Name=61870359-fe66-4c55-99e5-
e42189c1e6f0
SM_V9_ZSR       iris    exon    5935034 5935263 .       +       .
        Parent=Smp_340380.1;Name=3d912300-e11c-4470-
b39f-61261d97eb3f
SM_V9_ZSR       iris    exon    5936114 5936379 .       +       .
        Parent=Smp_340380.1;Name=317931fd-3389-41de-88a5-
cb84112c88ff
SM_V9_ZSR       iris    exon    5936963 5937064 .       +       .
        Parent=Smp_340380.1;Name=2b05936b-07b9-4f7b-
b609-9df23f8cf18c
SM_V9_ZSR       iris    exon    5938646 5938916 .       +       .
        Parent=Smp_340380.1;Name=ae728931-2bdd-43bd-
acd9-9b490d4fe580
SM_V9_ZSR       iris    exon    5940398 5940519 .       +       .

Parent=Smp_340380.1;Name=1121f651-040c-4f1c-948a-00503d1784de
SM_V9_ZSR       iris    exon    5941792 5942240 .       +       .
        Parent=Smp_340380.1;Name=1f0705ff-
e1bc-4567-973d-8b2686e442ed
SM_V9_ZSR       iris    exon    5942339 5942671 .       +       .
        Parent=Smp_340380.1;Name=7c151d80-56c6-4f09-91b1-
cf74a6cb32c5
SM_V9_ZSR       iris    exon    5943082 5943355 .       +       .
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        Parent=Smp_340380.1;Name=ce90aede-ec1c-45a2-
a2df-104ad756887e
SM_V9_ZSR       iris    exon    5944647 5944778 .       +       .
        Parent=Smp_340380.1;Name=d5ccefbf-6b58-4676-
b4d3-0f08f870c9c8
SM_V9_ZSR       iris    exon    5945104 5945365 .       +       .
        Parent=Smp_340380.1;Name=7fdce456-ed7f-4839-8f6b-
add3762564b3
SM_V9_ZSR       iris    exon    5945928 5946193 .       +       .
        Parent=Smp_340380.1;Name=28f3d9c1-0908-4cb9-978e-
eb632dd4d026
SM_V9_ZSR       iris    exon    5949266 5949507 .       +       .
        Parent=Smp_340380.1;Name=f5580608-83ed-41ec-8e12-
b83f83523474
SM_V9_ZSR       iris    exon    5950479 5950631 .       +       .

Parent=Smp_340380.1;Name=9ea0b88a-493b-40b4-8f2a-4107a1be8680
SM_V9_ZSR       iris    exon    5951685 5952421 .       +       .
        Parent=Smp_340380.1;Name=3f3e17ea-08b1-477f-a281-
d68f60102590
SM_V9_ZSR       iris    CDS     5925114 5925138 .       +       0
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5925183 5925323 .       +       2
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5930044 5930082 .       +       2
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5930119 5930365 .       +       2
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5935034 5935263 .       +       1
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5936114 5936379 .       +       2
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5936963 5937064 .       +       0
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5938646 5938916 .       +       0
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5940398 5940519 .       +       2
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5941792 5942240 .       +       0
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5942339 5942671 .       +       1
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5943082 5943355 .       +       1
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5944647 5944778 .       +       0
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5945104 5945365 .       +       0
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5945928 5946193 .       +       2
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5949266 5949507 .       +       0
        Parent=Smp_340380.1
SM_V9_ZSR       iris    CDS     5950479 5950631 .       +       1
        Parent=Smp_340380.1
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SM_V9_ZSR       iris    CDS     5951685 5952051 .       +       1
        Parent=Smp_340380.1
SM_V9_ZSR       iris    gene    5952696 6002056 .       +       .

ID=Smp_134160;geneID=Smp_134160;gene_name=Smp_134160;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    5952696 6002056 .       +       .

ID=Smp_134160.1;Parent=Smp_134160;geneID=Smp_134160;gene_name=Smp_13
4160;owner=irisadmin@local.host;orig_id=Smp_134160.2;date_last_modif
ied=2022-08-02;Name=Smp_134160.1;product=Prestin;date_creation=2022-
08-02
SM_V9_ZSR       iris    exon    5952696 5953117 .       +       .
        Parent=Smp_134160.1;Name=3cfc549f-555f-445e-8839-
e20bf5331d4c
SM_V9_ZSR       iris    exon    5956254 5956364 .       +       .
        Parent=Smp_134160.1;Name=303dee37-650c-4e76-b95c-
d48cf8aed4a8
SM_V9_ZSR       iris    exon    5963286 5963488 .       +       .
        Parent=Smp_134160.1;Name=b76f039f-18e4-4d54-b990-
e75dfdc1e5c1
SM_V9_ZSR       iris    exon    5968496 5968663 .       +       .
        Parent=Smp_134160.1;Name=7685fd92-8d6a-4622-
b3c9-86f008e9ae76
SM_V9_ZSR       iris    exon    5977430 5977591 .       +       .
        Parent=Smp_134160.1;Name=fad4fb05-49b3-410d-afd7-
f620166301d2
SM_V9_ZSR       iris    exon    5979454 5979536 .       +       .
        Parent=Smp_134160.1;Name=d062ff1a-d380-4a34-922a-
f1d1529d7c98
SM_V9_ZSR       iris    exon    5981143 5981290 .       +       .

Parent=Smp_134160.1;Name=146db1b0-9690-48c7-8226-5240db4abfbb
SM_V9_ZSR       iris    exon    5983334 5983447 .       +       .
        Parent=Smp_134160.1;Name=a9ee5552-7842-43d7-
bbca-10640e9175ff
SM_V9_ZSR       iris    exon    5984308 5984385 .       +       .
        Parent=Smp_134160.1;Name=42e16d7c-0769-473d-a202-
d9fcbff9433c
SM_V9_ZSR       iris    exon    5986962 5987057 .       +       .
        Parent=Smp_134160.1;Name=34917a02-bd19-4ed9-9aab-
c1d03f071665
SM_V9_ZSR       iris    exon    5988282 5988452 .       +       .

Parent=Smp_134160.1;Name=91f4394b-7e10-4deb-9d52-7e8746b9dd85
SM_V9_ZSR       iris    exon    5993682 5993978 .       +       .
        Parent=Smp_134160.1;Name=f46a73d8-1899-4b02-
ab52-35d20cd48415
SM_V9_ZSR       iris    exon    5993980 5994063 .       +       .

Parent=Smp_134160.1;Name=bf0957d6-0deb-4092-96e7-4c9337941df5
SM_V9_ZSR       iris    exon    5996621 5996852 .       +       .
        Parent=Smp_134160.1;Name=4276ff95-
d2cc-42a0-8b33-2ad20b5bee89
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SM_V9_ZSR       iris    exon    5998729 5998913 .       +       .

Parent=Smp_134160.1;Name=39903e25-9f89-4df0-9d17-46c7c3679813
SM_V9_ZSR       iris    exon    6001895 6002056 .       +       .
        Parent=Smp_134160.1;Name=9fa13222-e491-48ad-
bb28-3d2f12e3a8c8
SM_V9_ZSR       iris    CDS     5952760 5953117 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5956254 5956364 .       +       2
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5963286 5963488 .       +       2
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5968496 5968663 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5977430 5977591 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5979454 5979536 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5981143 5981290 .       +       1
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5983334 5983447 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5984308 5984385 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5986962 5987057 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5988282 5988452 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5993682 5993978 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5993980 5994063 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5996621 5996852 .       +       0
        Parent=Smp_134160.1
SM_V9_ZSR       iris    CDS     5998729 5998904 .       +       2
        Parent=Smp_134160.1
SM_V9_ZSR       Liftoff gene    6005757 6027514 .       -       .

ID=Smp_212180;geneID=Smp_212180;previous_systematic_id=Smp_022290,Sm
p_134150
SM_V9_ZSR       Liftoff mRNA    6005757 6027514 .       -       .

ID=Smp_212180.1;Parent=Smp_212180;geneID=Smp_212180;product=Alcohol
dehydrogenase
[acceptor];polypeptide_domain=InterPro:IPR000172,IPR007867,IPR012132
,IPR023753
Pfam:PF00732,PF05199;Ontology_term=GO:0016491,GO:0016614,GO:0050660,
GO:0055114
SM_V9_ZSR       Liftoff exon    6005757 6006177 .       -       .
        Parent=Smp_212180.1
SM_V9_ZSR       Liftoff exon    6007904 6008427 .       -       .
        Parent=Smp_212180.1
SM_V9_ZSR       Liftoff exon    6010216 6010355 .       -       .
        Parent=Smp_212180.1
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SM_V9_ZSR	Liftoff	exon	6012362	6012509	.	-	.
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	exon	6017277	6017498	.	-	.
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	exon	6018996	6019105	.	-	.
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	exon	6021461	6021607	.	-	.
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	exon	6025264	6025414	.	-	.
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	exon	6025935	6026275	.	-	.
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	exon	6027240	6027514	.	-	.
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6006021	6006177	.	-	1
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6007904	6008427	.	-	0
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6010216	6010355	.	-	2
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6012362	6012509	.	-	0
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6017277	6017498	.	-	0
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6018996	6019105	.	-	2
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6021461	6021607	.	-	2
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6025264	6025414	.	-	0
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6025935	6026275	.	-	2
	Parent=Smp_212180.1
SM_V9_ZSR	Liftoff	CDS	6027240	6027366	.	-	0
	Parent=Smp_212180.1
SM_V9_ZSR	iris	gene	6043686	6147241	.	-	.

ID=Smp_134140;geneID=Smp_134140;gene_name=Smp_134140;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	6043686	6114658	.	-	.

ID=Smp_134140.2;Parent=Smp_134140;geneID=Smp_134140;gene_name=Smp_13
4140;owner=irisadmin@local.host;orig_id=Smp_134140.1;date_last_modif
ied=2022-08-02;Name=Smp_134140.2;product=cAMP-specific 3',5'-cyclic
phosphodiesterase, isoform F;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	6043686	6045952	.	-	.
	Parent=Smp_134140.2;Name=67b3bad1-6dc1-405c-9966-
b7b13ee241ad
SM_V9_ZSR	iris	exon	6049254	6049436	.	-	.
	Parent=Smp_134140.2;Name=3c6fb40f-2e5c-420d-
a830-8ee2e62e1e7c
SM_V9_ZSR	iris	exon	6051394	6051516	.	-	.
	Parent=Smp_134140.2;Name=e923e290-c889-4af2-b27c-
fd543871c0a8
SM_V9_ZSR	iris	exon	6053001	6053155	.	-	.
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Parent=Smp_134140.2;Name=005d5c1d-572a-4f57-9238-7d16269fc4b9
SM_V9_ZSR       iris    exon    6059272 6059371 .       -       .
        Parent=Smp_134140.2;Name=17a12f64-
ac8c-4e12-87ba-6451ef969e0d
SM_V9_ZSR       iris    exon    6061542 6061706 .       -       .
        Parent=Smp_134140.2;Name=d296c55b-
f378-4034-857a-71b08ece3fa7
SM_V9_ZSR       iris    exon    6065369 6065470 .       -       .
        Parent=Smp_134140.2;Name=34840eeb-dc36-4ce1-b9e9-
ebbde4e5a14e
SM_V9_ZSR       iris    exon    6070801 6071201 .       -       .
        Parent=Smp_134140.2;Name=1986bd9c-f425-4baf-857d-
db94bf973c40
SM_V9_ZSR       iris    exon    6074145 6074238 .       -       .
        Parent=Smp_134140.2;Name=b229d06c-
fa30-44e6-99a2-49b9d8f51be5
SM_V9_ZSR       iris    exon    6075165 6075277 .       -       .
        Parent=Smp_134140.2;Name=91e5abb1-d495-4ec3-
a85b-0c188ad0e422
SM_V9_ZSR       iris    exon    6086285 6086340 .       -       .
        Parent=Smp_134140.2;Name=f5bc2aaa-0476-4a16-
ae06-18ee12f02283
SM_V9_ZSR       iris    exon    6113152 6114658 .       -       .
        Parent=Smp_134140.2;Name=f2a9432b-
ce13-4494-8422-52ee2e4177f0
SM_V9_ZSR       iris    CDS     6045731 6045952 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6049254 6049436 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6051394 6051516 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6053001 6053155 .       -       2
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6059272 6059371 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6061542 6061706 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6065369 6065470 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6070801 6071201 .       -       2
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6074145 6074238 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6075165 6075277 .       -       2
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6086285 6086340 .       -       1
        Parent=Smp_134140.2
SM_V9_ZSR       iris    CDS     6113152 6113357 .       -       0
        Parent=Smp_134140.2
SM_V9_ZSR       iris    mRNA    6043686 6147241 .       -       .

ID=Smp_134140.1;Parent=Smp_134140;geneID=Smp_134140;gene_name=Smp_13
4140;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
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mp_134140.1;product=cAMP-specific 3',5'-cyclic
phosphodiesterase;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    6043686 6045952 .       -       .

Parent=Smp_134140.1;Name=6d9d2435-3aa7-423d-8c94-46a8bc790c77
SM_V9_ZSR       iris    exon    6049254 6049436 .       -       .
        Parent=Smp_134140.1;Name=f08ca47d-6cf6-430b-9857-
dceffbe345a3
SM_V9_ZSR       iris    exon    6051394 6051516 .       -       .
        Parent=Smp_134140.1;Name=6feb51a1-7756-4891-bca5-
e65e3838d401
SM_V9_ZSR       iris    exon    6053001 6053155 .       -       .
        Parent=Smp_134140.1;Name=b0fc0fba-dea4-4918-bd40-
a6b311be316c
SM_V9_ZSR       iris    exon    6059272 6059371 .       -       .
        Parent=Smp_134140.1;Name=1ae7ee56-1b3f-4b77-8f8b-
e0053b98f78f
SM_V9_ZSR       iris    exon    6061542 6061706 .       -       .
        Parent=Smp_134140.1;Name=08b376e8-b5ba-4b90-
b97c-6a8538687f34
SM_V9_ZSR       iris    exon    6065369 6065470 .       -       .
        Parent=Smp_134140.1;Name=3213c646-286a-4c90-8f03-
d9b0322b09d6
SM_V9_ZSR       iris    exon    6070801 6071201 .       -       .
        Parent=Smp_134140.1;Name=9b78aaf7-dc3c-4631-b822-
dd8e5345177a
SM_V9_ZSR       iris    exon    6074145 6074238 .       -       .

Parent=Smp_134140.1;Name=1bd4ca9f-01b4-4de4-9519-5e92048ae44e
SM_V9_ZSR       iris    exon    6075165 6075277 .       -       .
        Parent=Smp_134140.1;Name=10e112cb-d49b-4aa8-
a047-56372c192fcb
SM_V9_ZSR       iris    exon    6086285 6086340 .       -       .
        Parent=Smp_134140.1;Name=b60db645-f808-46b1-
b5f4-580a0d888d8c
SM_V9_ZSR       iris    exon    6113152 6113364 .       -       .
        Parent=Smp_134140.1;Name=ae4dcf57-c432-4c3a-
a25a-37a36f35baf4
SM_V9_ZSR       iris    exon    6119160 6119315 .       -       .
        Parent=Smp_134140.1;Name=35795675-5076-4cc5-aa10-
e1f790007d57
SM_V9_ZSR       iris    exon    6146712 6147241 .       -       .

Parent=Smp_134140.1;Name=1e6a6650-650f-45b9-8432-73248dc9f54c
SM_V9_ZSR       iris    CDS     6045731 6045952 .       -       0
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6049254 6049436 .       -       0
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6051394 6051516 .       -       0
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6053001 6053155 .       -       2
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6059272 6059371 .       -       0
        Parent=Smp_134140.1
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SM_V9_ZSR       iris    CDS     6061542 6061706 .       -       0
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6065369 6065470 .       -       0
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6070801 6071201 .       -       2
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6074145 6074238 .       -       0
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6075165 6075277 .       -       2
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6086285 6086340 .       -       1
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6113152 6113364 .       -       1
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6119160 6119315 .       -       1
        Parent=Smp_134140.1
SM_V9_ZSR       iris    CDS     6146712 6146728 .       -       0
        Parent=Smp_134140.1
SM_V9_ZSR       Liftoff gene    6159025 6178948 .       -       .

ID=Smp_241500;geneID=Smp_241500;previous_systematic_id=Smp_134130
SM_V9_ZSR       Liftoff mRNA    6159025 6178948 .       -       .

ID=Smp_241500.1;Parent=Smp_241500;geneID=Smp_241500;product=Ring
canal kelch
homolog;polypeptide_domain=InterPro:IPR006652,IPR011333,IPR011705,IP
R015915,IPR015916,IPR017096
Pfam:PF01344,PF07707,PF13418,PF13964;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    6159025 6159347 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6160517 6160671 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6164185 6164389 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6164880 6165321 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6166880 6166969 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6168499 6168820 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6171816 6172029 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6175400 6175719 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff exon    6178659 6178948 .       -       .
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6159178 6159347 .       -       2
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6160517 6160671 .       -       1
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6164185 6164389 .       -       2
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6164880 6165321 .       -       0
        Parent=Smp_241500.1
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SM_V9_ZSR       Liftoff CDS     6166880 6166969 .       -       0
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6168499 6168820 .       -       1
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6171816 6172029 .       -       2
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6175400 6175719 .       -       1
        Parent=Smp_241500.1
SM_V9_ZSR       Liftoff CDS     6178659 6178735 .       -       0
        Parent=Smp_241500.1
SM_V9_ZSR       iris    gene    6194142 6209769 .       +       .

ID=Smp_031000;geneID=Smp_031000;gene_name=Smp_031000;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    6194142 6209769 .       +       .

ID=Smp_031000.1;Parent=Smp_031000;geneID=Smp_031000;gene_name=Smp_03
1000;owner=irisadmin@local.host;orig_id=Smp_031000.1;date_last_modif
ied=2022-06-30;Name=Smp_031000.1;product=Cullin-3;date_creation=2022
-06-30
SM_V9_ZSR       iris    exon    6194142 6194180 .       +       .
        Parent=Smp_031000.1;Name=d2a926bb-
d422-4870-953e-01c031c44127
SM_V9_ZSR       iris    exon    6197022 6198637 .       +       .
        Parent=Smp_031000.1;Name=76d15c9b-2aaa-463f-899c-
ce4e3bc60059
SM_V9_ZSR       iris    exon    6199925 6200237 .       +       .
        Parent=Smp_031000.1;Name=95000dfd-a899-476a-8951-
c8c1aafb46ff
SM_V9_ZSR       iris    exon    6206990 6207229 .       +       .
        Parent=Smp_031000.1;Name=23a58e16-e274-4668-a4ad-
df8fdea35c4e
SM_V9_ZSR       iris    exon    6208429 6209769 .       +       .

Parent=Smp_031000.1;Name=1748641c-3bf3-4aaa-90c4-852e2b8c81a5
SM_V9_ZSR       iris    CDS     6197031 6198637 .       +       0
        Parent=Smp_031000.1
SM_V9_ZSR       iris    CDS     6199925 6200237 .       +       1
        Parent=Smp_031000.1
SM_V9_ZSR       iris    CDS     6206990 6207229 .       +       0
        Parent=Smp_031000.1
SM_V9_ZSR       iris    CDS     6208429 6208710 .       +       0
        Parent=Smp_031000.1
SM_V9_ZSR       iris    mRNA    6194142 6209769 .       +       .

ID=Smp_031000.2;Parent=Smp_031000;geneID=Smp_031000;gene_name=Smp_03
1000;owner=irisadmin@local.host;date_last_modified=2022-06-30;Name=S
mp_031000.2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    6194142 6194180 .       +       .
        Parent=Smp_031000.2;Name=1c6dbfea-2a66-4356-a3f3-
c35aa10b1500
SM_V9_ZSR       iris    exon    6195243 6195355 .       +       .

Parent=Smp_031000.2;Name=a613622e-912f-4213-85db-507b5bcf5bbc
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SM_V9_ZSR       iris    exon    6197022 6198637 .       +       .
        Parent=Smp_031000.2;Name=afba9aae-7224-42f0-
ae0c-2eb9b29b95af
SM_V9_ZSR       iris    exon    6199925 6200237 .       +       .
        Parent=Smp_031000.2;Name=8f70656f-aac8-4843-93d0-
d12585f79e56
SM_V9_ZSR       iris    exon    6206990 6207229 .       +       .
        Parent=Smp_031000.2;Name=de49c97b-
d297-4474-8f4a-8d598663af40
SM_V9_ZSR       iris    exon    6208429 6209769 .       +       .
        Parent=Smp_031000.2;Name=95223edb-80cd-45c0-
a37c-53d79f45ff36
SM_V9_ZSR       iris    CDS     6197031 6198637 .       +       0
        Parent=Smp_031000.2
SM_V9_ZSR       iris    CDS     6199925 6200237 .       +       1
        Parent=Smp_031000.2
SM_V9_ZSR       iris    CDS     6206990 6207229 .       +       0
        Parent=Smp_031000.2
SM_V9_ZSR       iris    CDS     6208429 6208710 .       +       0
        Parent=Smp_031000.2
SM_V9_ZSR       iris    gene    6218362 6232900 .       +       .

ID=Smp_031010;geneID=Smp_031010;gene_name=Smp_031010;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    6218362 6232900 .       +       .

ID=Smp_031010.1;Parent=Smp_031010;geneID=Smp_031010;gene_name=Smp_03
1010;owner=irisadmin@local.host;orig_id=Smp_031010.1;date_last_modif
ied=2022-08-02;Name=Smp_031010.1;product=Eukaryotic initiation
factor 4A-III;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    6218362 6218516 .       +       .
        Parent=Smp_031010.1;Name=e3fac7f2-03b6-482d-
aef9-7c309030cc31
SM_V9_ZSR       iris    exon    6225949 6226116 .       +       .
        Parent=Smp_031010.1;Name=88454fe1-4498-4063-ac32-
a42993280cd4
SM_V9_ZSR       iris    exon    6226151 6226223 .       +       .
        Parent=Smp_031010.1;Name=68241ab1-c060-4cbd-
bf91-697b7c5325d7
SM_V9_ZSR       iris    exon    6226279 6226408 .       +       .
        Parent=Smp_031010.1;Name=15e08620-631c-40d2-bddb-
f0dce1547bf4
SM_V9_ZSR       iris    exon    6227304 6227439 .       +       .
        Parent=Smp_031010.1;Name=7a72bbbc-7b07-4782-
a5a5-152d8833b4fe
SM_V9_ZSR       iris    exon    6228407 6228659 .       +       .
        Parent=Smp_031010.1;Name=6c2dc2ad-b193-40c1-
bc7e-4f92db8d23af
SM_V9_ZSR       iris    exon    6230441 6230695 .       +       .
        Parent=Smp_031010.1;Name=029bbbc1-0334-41d0-8c61-
a8550dead503
SM_V9_ZSR       iris    exon    6232135 6232900 .       +       .
        Parent=Smp_031010.1;Name=185b73ad-
feda-423f-9890-9e8cadee3993
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SM_V9_ZSR       iris    CDS     6225987 6226116 .       +       0
        Parent=Smp_031010.1
SM_V9_ZSR       iris    CDS     6226151 6226223 .       +       2
        Parent=Smp_031010.1
SM_V9_ZSR       iris    CDS     6226279 6226408 .       +       1
        Parent=Smp_031010.1
SM_V9_ZSR       iris    CDS     6227304 6227439 .       +       0
        Parent=Smp_031010.1
SM_V9_ZSR       iris    CDS     6228407 6228659 .       +       2
        Parent=Smp_031010.1
SM_V9_ZSR       iris    CDS     6230441 6230695 .       +       1
        Parent=Smp_031010.1
SM_V9_ZSR       iris    CDS     6232135 6232549 .       +       1
        Parent=Smp_031010.1
SM_V9_ZSR       iris    gene    6240271 6242188 .       -       .

ID=Smp_031020;geneID=Smp_031020;gene_name=Smp_031020;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    6240271 6242188 .       -       .

ID=Smp_031020.1;Parent=Smp_031020;geneID=Smp_031020;gene_name=Smp_03
1020;owner=irisadmin@local.host;orig_id=Smp_031020.1;date_last_modif
ied=2022-10-04;Name=Smp_031020.1;product=Inositol hexakisphosphate
and diphosphoinositol-pentakisphosphate kinase
1;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    6240271 6242188 .       -       .
        Parent=Smp_031020.1;Name=Smp_031020.1-CDS
SM_V9_ZSR       iris    CDS     6240889 6241752 .       -       0
        Parent=Smp_031020.1
SM_V9_ZSR       Liftoff gene    6272013 6322708 .       -       .

ID=Smp_343250;geneID=Smp_343250;previous_systematic_id=Smp_138980
SM_V9_ZSR       Liftoff mRNA    6272013 6322708 .       -       .

ID=Smp_343250.1;Parent=Smp_343250;geneID=Smp_343250;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    6272013 6273098 .       -       .
        Parent=Smp_343250.1
SM_V9_ZSR       Liftoff exon    6276373 6322708 .       -       .
        Parent=Smp_343250.1
SM_V9_ZSR       Liftoff CDS     6272530 6273098 .       -       2
        Parent=Smp_343250.1
SM_V9_ZSR       Liftoff CDS     6276373 6277561 .       -       0
        Parent=Smp_343250.1
SM_V9_ZSR       Liftoff gene    6329445 6361678 .       -       .
        ID=Smp_031040;geneID=Smp_031040
SM_V9_ZSR       Liftoff mRNA    6329445 6361678 .       -       .

ID=Smp_031040.1;Parent=Smp_031040;geneID=Smp_031040;product=Zinc
phosphodiesterase ELAC protein
2;polypeptide_domain=InterPro:IPR001279,IPR027794
Pfam:PF00753,PF13691;Ontology_term=GO:0008033
SM_V9_ZSR       Liftoff exon    6329445 6329880 .       -       .
        Parent=Smp_031040.1
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SM_V9_ZSR	Liftoff	exon	6330769	6330910	.	-	.
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SM_V9_ZSR	Liftoff	exon	6332608	6332867	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6337852	6338127	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6340276	6340417	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6342153	6342258	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6344202	6344332	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6346190	6346293	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6350843	6351035	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6351712	6351938	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6353654	6353726	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6355562	6355620	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6356983	6357050	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6358939	6359034	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6359178	6359232	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6361029	6361093	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6361127	6361197	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	exon	6361230	6361678	.	-	.
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6329656	6329880	.	-	0
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6330769	6330910	.	-	1
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6332608	6332867	.	-	0
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6337852	6338127	.	-	0
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6340276	6340417	.	-	1
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6342153	6342258	.	-	2
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6344202	6344332	.	-	1
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6346190	6346293	.	-	0
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6350843	6351035	.	-	1
	Parent=Smp_031040.1
SM_V9_ZSR	Liftoff	CDS	6351712	6351938	.	-	0
	Parent=Smp_031040.1
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SM_V9_ZSR       Liftoff CDS     6353654 6353726 .       -       1
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SM_V9_ZSR       Liftoff CDS     6355562 6355620 .       -       0
        Parent=Smp_031040.1
SM_V9_ZSR       Liftoff CDS     6356983 6357050 .       -       2
        Parent=Smp_031040.1
SM_V9_ZSR       Liftoff CDS     6358939 6359034 .       -       2
        Parent=Smp_031040.1
SM_V9_ZSR       Liftoff CDS     6359178 6359232 .       -       0
        Parent=Smp_031040.1
SM_V9_ZSR       Liftoff CDS     6361029 6361093 .       -       2
        Parent=Smp_031040.1
SM_V9_ZSR       Liftoff CDS     6361127 6361197 .       -       1
        Parent=Smp_031040.1
SM_V9_ZSR       Liftoff CDS     6361230 6361456 .       -       0
        Parent=Smp_031040.1
SM_V9_ZSR       Liftoff gene    6377352 6412244 .       +       .

ID=Smp_031050;geneID=Smp_031050;previous_systematic_id=Smp_138990
SM_V9_ZSR       Liftoff mRNA    6377352 6412244 .       +       .

ID=Smp_031050.1;Parent=Smp_031050;geneID=Smp_031050;product=BSD
domain-containing protein 1;polypeptide_domain=InterPro:IPR005607
SM_V9_ZSR       Liftoff exon    6377352 6377484 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6377528 6377611 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6377645 6377768 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6384937 6384980 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6385020 6385106 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6385156 6385249 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6388592 6388805 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6392252 6392409 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6397182 6397692 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6405745 6406109 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6410029 6410218 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6410752 6410888 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff exon    6411617 6412244 .       +       .
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6377444 6377484 .       +       0
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6377528 6377611 .       +       1
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6377645 6377768 .       +       1
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        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6384937 6384980 .       +       0
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6385020 6385106 .       +       1
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6385156 6385249 .       +       1
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6388592 6388805 .       +       0
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6392252 6392409 .       +       2
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6397182 6397692 .       +       0
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6405745 6406109 .       +       2
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6410029 6410218 .       +       0
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6410752 6410888 .       +       2
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff CDS     6411617 6411643 .       +       0
        Parent=Smp_031050.1
SM_V9_ZSR       Liftoff gene    6412847 6423668 .       -       .

ID=Smp_031070;geneID=Smp_031070;previous_systematic_id=Smp_139000
SM_V9_ZSR       Liftoff mRNA    6412847 6423668 .       -       .

ID=Smp_031070.1;Parent=Smp_031070;geneID=Smp_031070;product=Gamma-
tubulin complex component 4;polypeptide_domain=InterPro:IPR007259
Pfam:PF04130;Ontology_term=GO:0000226,GO:0000922,GO:0005815,GO:00070
20,GO:0043015
SM_V9_ZSR       Liftoff exon    6412847 6413635 .       -       .
        Parent=Smp_031070.1
SM_V9_ZSR       Liftoff exon    6414992 6415361 .       -       .
        Parent=Smp_031070.1
SM_V9_ZSR       Liftoff exon    6419197 6423668 .       -       .
        Parent=Smp_031070.1
SM_V9_ZSR       Liftoff CDS     6413105 6413635 .       -       0
        Parent=Smp_031070.1
SM_V9_ZSR       Liftoff CDS     6414992 6415361 .       -       1
        Parent=Smp_031070.1
SM_V9_ZSR       Liftoff CDS     6419197 6420533 .       -       0
        Parent=Smp_031070.1
SM_V9_ZSR       Liftoff mRNA    6412847 6423668 .       -       .

ID=Smp_031070.2;Parent=Smp_031070;geneID=Smp_031070;product=Gamma-
tubulin complex component 4;polypeptide_domain=InterPro:IPR007259
Pfam:PF04130;Ontology_term=GO:0000226,GO:0000922,GO:0005815,GO:00070
20,GO:0043015
SM_V9_ZSR       Liftoff exon    6412847 6413635 .       -       .
        Parent=Smp_031070.2
SM_V9_ZSR       Liftoff exon    6414992 6415066 .       -       .
        Parent=Smp_031070.2
SM_V9_ZSR       Liftoff exon    6415112 6415361 .       -       .
        Parent=Smp_031070.2
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SM_V9_ZSR       Liftoff exon    6419197 6423668 .       -       .
        Parent=Smp_031070.2
SM_V9_ZSR       Liftoff CDS     6413105 6413635 .       -       0
        Parent=Smp_031070.2
SM_V9_ZSR       Liftoff CDS     6414992 6415066 .       -       0
        Parent=Smp_031070.2
SM_V9_ZSR       Liftoff CDS     6415112 6415361 .       -       1
        Parent=Smp_031070.2
SM_V9_ZSR       Liftoff CDS     6419197 6420533 .       -       0
        Parent=Smp_031070.2
SM_V9_ZSR       iris    gene    6434689 6463259 .       +       .

ID=Smp_139010;geneID=Smp_139010;gene_name=Smp_139010;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
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ID=Smp_139010.1;Parent=Smp_139010;geneID=Smp_139010;gene_name=Smp_13
9010;owner=irisadmin@local.host;orig_id=Smp_139010.1;date_last_modif
ied=2022-10-04;Name=Smp_139010.1;product=Hypothetical
protein;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    6434689 6434785 .       +       .
        Parent=Smp_139010.1;Name=33202acd-ad76-4431-
ab8c-13015b75a62f
SM_V9_ZSR       iris    exon    6438748 6438986 .       +       .

Parent=Smp_139010.1;Name=515f1050-2bb4-4373-93ed-1cc61dfa9b5c
SM_V9_ZSR       iris    exon    6440679 6441414 .       +       .
        Parent=Smp_139010.1;Name=65aeedc0-5fc1-4326-
a7b2-7e58c8908e98
SM_V9_ZSR       iris    exon    6444524 6444677 .       +       .
        Parent=Smp_139010.1;Name=2cc8dab7-42f4-4029-
bba2-5dc445d96964
SM_V9_ZSR       iris    exon    6448154 6448573 .       +       .
        Parent=Smp_139010.1;Name=b6099e59-d085-4e7e-
bb1c-921cbed1160f
SM_V9_ZSR       iris    exon    6452032 6452950 .       +       .
        Parent=Smp_139010.1;Name=a6eee8e9-6a57-4397-9cd6-
f426fb23ade2
SM_V9_ZSR       iris    exon    6456385 6456654 .       +       .

Parent=Smp_139010.1;Name=860fa6c4-4599-45fc-96b3-2f7741643684
SM_V9_ZSR       iris    exon    6462555 6463259 .       +       .

Parent=Smp_139010.1;Name=5cb791c8-0f6f-4c89-96f7-0b6b250b1db3
SM_V9_ZSR       iris    CDS     6438863 6438986 .       +       0
        Parent=Smp_139010.1
SM_V9_ZSR       iris    CDS     6440679 6441414 .       +       2
        Parent=Smp_139010.1
SM_V9_ZSR       iris    CDS     6444524 6444677 .       +       1
        Parent=Smp_139010.1
SM_V9_ZSR       iris    CDS     6448154 6448573 .       +       0
        Parent=Smp_139010.1
SM_V9_ZSR       iris    CDS     6452032 6452950 .       +       0
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SM_V9_ZSR       iris    CDS     6456385 6456654 .       +       2
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SM_V9_ZSR       iris    CDS     6462555 6462835 .       +       2
        Parent=Smp_139010.1
SM_V9_ZSR       iris    gene    6464537 6477786 .       -       .

ID=Smp_118750;geneID=Smp_118750;gene_name=Smp_118750;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    6464537 6477786 .       -       .

ID=Smp_118750.1;Parent=Smp_118750;geneID=Smp_118750;gene_name=Smp_11
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1;date_last_modified=2022-10-25;Name=Smp_118750.1;product=Transcript
ion elongation factor 1 homolog;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    6464537 6464869 .       -       .
        Parent=Smp_118750.1;Name=06a94387-abab-4e2e-
ba67-32213e7abbfc
SM_V9_ZSR       iris    exon    6464914 6465067 .       -       .

Parent=Smp_118750.1;Name=49541d06-0b64-4654-933f-774efb5a730b
SM_V9_ZSR       iris    exon    6477499 6477786 .       -       .
        Parent=Smp_118750.1;Name=bf4638ed-62ef-4568-a7dc-
c0aae6df20c8
SM_V9_ZSR       iris    CDS     6464734 6464869 .       -       1
        Parent=Smp_118750.1
SM_V9_ZSR       iris    CDS     6464914 6465029 .       -       0
        Parent=Smp_118750.1
SM_V9_ZSR       iris    gene    6533353 6562776 .       -       .

ID=Smp_031100;geneID=Smp_031100;gene_name=Smp_031100;owner=irisadmin
@local.host;date_last_modified=2022-10-03;date_creation=2022-10-03
SM_V9_ZSR       iris    mRNA    6533353 6562776 .       -       .

ID=Smp_031100.1;Parent=Smp_031100;geneID=Smp_031100;gene_name=Smp_03
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1;date_last_modified=2022-10-25;Name=Smp_031100.1;product=Epsin-2;da
te_creation=2022-10-03
SM_V9_ZSR       iris    exon    6533353 6534367 .       -       .
        Parent=Smp_031100.1;Name=4e9e11fd-f975-4939-
bf52-4e115af3fe9d
SM_V9_ZSR       iris    exon    6543770 6544156 .       -       .
        Parent=Smp_031100.1;Name=f21b4c7b-
eacd-42c8-8a51-54778864655b
SM_V9_ZSR       iris    exon    6546564 6546852 .       -       .

Parent=Smp_031100.1;Name=035312d3-434a-4b06-83aa-53d93fe2dfe6
SM_V9_ZSR       iris    exon    6549312 6549508 .       -       .
        Parent=Smp_031100.1;Name=84f54966-546a-40bd-
a410-9b8177ec56ef
SM_V9_ZSR       iris    exon    6557111 6557384 .       -       .
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abd4-9c7f3c20bc18
SM_V9_ZSR       iris    exon    6562372 6562776 .       -       .
        Parent=Smp_031100.1;Name=aa6cb4c9-4bc5-4872-811d-
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d81d06ae15be
SM_V9_ZSR       iris    CDS     6534042 6534367 .       -       2
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SM_V9_ZSR       iris    CDS     6543770 6544156 .       -       2
        Parent=Smp_031100.1
SM_V9_ZSR       iris    CDS     6546564 6546852 .       -       0
        Parent=Smp_031100.1
SM_V9_ZSR       iris    CDS     6549312 6549508 .       -       2
        Parent=Smp_031100.1
SM_V9_ZSR       iris    CDS     6557111 6557384 .       -       0
        Parent=Smp_031100.1
SM_V9_ZSR       iris    CDS     6562372 6562683 .       -       0
        Parent=Smp_031100.1
SM_V9_ZSR       iris    gene    6569667 6597746 .       +       .

ID=Smp_245360;geneID=Smp_245360;gene_name=Smp_245360;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
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ID=Smp_245360.1;Parent=Smp_245360;geneID=Smp_245360;gene_name=Smp_24
5360;owner=irisadmin@local.host;orig_id=Smp_245360.1;date_last_modif
ied=2022-08-14;Name=Smp_245360.1;product=TBC domain containing
protein kinase;date_creation=2022-08-14
SM_V9_ZSR       iris    exon    6569667 6569803 .       +       .
        Parent=Smp_245360.1;Name=ad9e5de4-
c64d-4a17-9200-73cdcb2568c0
SM_V9_ZSR       iris    exon    6573179 6574129 .       +       .
        Parent=Smp_245360.1;Name=6f9bcd15-f3ab-4126-9437-
a855015f484a
SM_V9_ZSR       iris    exon    6576436 6576818 .       +       .
        Parent=Smp_245360.1;Name=b9539abb-bfff-4849-
bf1f-653b08b00cbd
SM_V9_ZSR       iris    exon    6581069 6581579 .       +       .
        Parent=Smp_245360.1;Name=15efaa94-
f6b9-4f6e-8109-9778ac3198be
SM_V9_ZSR       iris    exon    6583740 6584075 .       +       .
        Parent=Smp_245360.1;Name=28522857-2ff9-4328-
ad4b-167a5cceeb59
SM_V9_ZSR       iris    exon    6585177 6585560 .       +       .
        Parent=Smp_245360.1;Name=e2fd1b5e-b197-4d99-
b1c4-8c51d15fcb87
SM_V9_ZSR       iris    exon    6587291 6587521 .       +       .
        Parent=Smp_245360.1;Name=9e6baf43-
a4db-46b8-945b-58ab407e6bbc
SM_V9_ZSR       iris    exon    6588544 6588767 .       +       .
        Parent=Smp_245360.1;Name=3b01e8fc-53c6-4feb-
b741-2c36d4855d5b
SM_V9_ZSR       iris    exon    6596930 6597746 .       +       .
        Parent=Smp_245360.1;Name=30d787b9-d6ba-457e-
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SM_V9_ZSR       iris    CDS     6573188 6574129 .       +       0
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SM_V9_ZSR       iris    CDS     6576436 6576818 .       +       0
        Parent=Smp_245360.1
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SM_V9_ZSR       iris    CDS     6581069 6581579 .       +       1
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        Parent=Smp_245360.1
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        Parent=Smp_245360.1
SM_V9_ZSR       iris    CDS     6587291 6587521 .       +       0
        Parent=Smp_245360.1
SM_V9_ZSR       iris    CDS     6588544 6588767 .       +       0
        Parent=Smp_245360.1
SM_V9_ZSR       iris    CDS     6596930 6597392 .       +       1
        Parent=Smp_245360.1
SM_V9_ZSR       Liftoff gene    6604759 6612053 .       +       .
        ID=Smp_322300;geneID=Smp_322300
SM_V9_ZSR       Liftoff mRNA    6604759 6612053 .       +       .

ID=Smp_322300.1;Parent=Smp_322300;geneID=Smp_322300;product=Ubiquiti
n carboxyl-terminal hydrolase
22;polypeptide_domain=InterPro:IPR001607,IPR013083
Pfam:PF02148;Ontology_term=GO:0008270
SM_V9_ZSR       Liftoff exon    6604759 6605360 .       +       .
        Parent=Smp_322300.1
SM_V9_ZSR       Liftoff exon    6612011 6612053 .       +       .
        Parent=Smp_322300.1
SM_V9_ZSR       Liftoff CDS     6604844 6605360 .       +       0
        Parent=Smp_322300.1
SM_V9_ZSR       Liftoff CDS     6612011 6612015 .       +       2
        Parent=Smp_322300.1
SM_V9_ZSR       Liftoff gene    6612394 6630477 .       +       .
        ID=Smp_245370;geneID=Smp_245370
SM_V9_ZSR       Liftoff mRNA    6612394 6630477 .       +       .

ID=Smp_245370.1;Parent=Smp_245370;geneID=Smp_245370;product=equilibr
ative nucleoside transporter;polypeptide_domain=InterPro:IPR002259
Pfam:PF01733;Ontology_term=GO:0005337,GO:0006810,GO:0016021
SM_V9_ZSR       Liftoff exon    6612394 6612498 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6612528 6612609 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6612640 6612803 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6612840 6612928 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6612960 6613010 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6613047 6613132 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6614225 6614371 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6617668 6617698 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6621791 6622030 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6624892 6624977 .       +       .
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        Parent=Smp_245370.1
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        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff exon    6630038 6630477 .       +       .
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6612452 6612498 .       +       0
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6612528 6612609 .       +       1
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6612640 6612803 .       +       0
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SM_V9_ZSR       Liftoff CDS     6612840 6612928 .       +       1
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6612960 6613010 .       +       2
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6613047 6613132 .       +       2
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6614225 6614371 .       +       0
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SM_V9_ZSR       Liftoff CDS     6617668 6617698 .       +       0
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SM_V9_ZSR       Liftoff CDS     6621791 6622030 .       +       2
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6624892 6624977 .       +       2
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6628414 6628616 .       +       0
        Parent=Smp_245370.1
SM_V9_ZSR       Liftoff CDS     6630038 6630149 .       +       1
        Parent=Smp_245370.1
SM_V9_ZSR       iris    gene    6630236 6667072 .       -       .

ID=Smp_139030;geneID=Smp_139030;gene_name=Smp_139030;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    6630236 6667072 .       -       .

ID=Smp_139030.1;Parent=Smp_139030;geneID=Smp_139030;gene_name=Smp_13
9030;owner=irisadmin@local.host;orig_id=Smp_139030.1;date_last_modif
ied=2022-07-09;Name=Smp_139030.1;product=Protein
FAM172A;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    6630236 6630485 .       -       .
        Parent=Smp_139030.1;Name=430c2cc9-6441-4014-
bd9f-3fdca7b68af4
SM_V9_ZSR       iris    exon    6630729 6630825 .       -       .
        Parent=Smp_139030.1;Name=54b18810-7037-438a-
bfdf-28cb8abd7b5e
SM_V9_ZSR       iris    exon    6631756 6632327 .       -       .
        Parent=Smp_139030.1;Name=4688297c-b014-474c-97c3-
a7bb083308f7
SM_V9_ZSR       iris    exon    6634977 6635350 .       -       .
        Parent=Smp_139030.1;Name=c1fb072f-aa94-45c8-
b215-9b02a42c6fcf
SM_V9_ZSR       iris    exon    6644242 6644642 .       -       .
        Parent=Smp_139030.1;Name=fbbcaa80-a548-4cf6-aef4-
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SM_V9_ZSR       iris    exon    6647444 6647716 .       -       .
        Parent=Smp_139030.1;Name=a6b19557-
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SM_V9_ZSR       iris    exon    6653301 6653715 .       -       .

Parent=Smp_139030.1;Name=e801cbc3-07c7-4de7-9d55-5649b10ad56b
SM_V9_ZSR       iris    exon    6654921 6655378 .       -       .
        Parent=Smp_139030.1;Name=5839a98b-6743-46c3-b84d-
a14650724b77
SM_V9_ZSR       iris    exon    6657169 6657231 .       -       .
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SM_V9_ZSR       iris    exon    6659140 6659234 .       -       .
        Parent=Smp_139030.1;Name=8ffc811e-d838-4a5e-870b-
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SM_V9_ZSR       iris    exon    6666812 6667072 .       -       .
        Parent=Smp_139030.1;Name=c48c232b-
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SM_V9_ZSR       iris    CDS     6630307 6630485 .       -       2
        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6630729 6630825 .       -       0
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        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6634977 6635350 .       -       1
        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6644242 6644642 .       -       0
        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6647444 6647716 .       -       0
        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6653301 6653715 .       -       1
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SM_V9_ZSR       iris    CDS     6654921 6655378 .       -       0
        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6657169 6657231 .       -       0
        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6659140 6659234 .       -       2
        Parent=Smp_139030.1
SM_V9_ZSR       iris    CDS     6666812 6666998 .       -       0
        Parent=Smp_139030.1
SM_V9_ZSR       iris    gene    6682778 6697743 .       -       .

ID=Smp_085240;geneID=Smp_085240;gene_name=Smp_085240;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    6682778 6697743 .       -       .

ID=Smp_085240.1;Parent=Smp_085240;geneID=Smp_085240;gene_name=Smp_08
5240;owner=irisadmin@local.host;orig_id=Smp_085240.1;date_last_modif
ied=2022-08-02;Name=Smp_085240.1;product=Phospholipid phosphatase
3;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    6682778 6683424 .       -       .
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b89bdd1eec91
SM_V9_ZSR       iris    exon    6688415 6688591 .       -       .
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SM_V9_ZSR       iris    exon    6691733 6691941 .       -       .

Parent=Smp_085240.1;Name=55869439-618f-414a-8680-4663ce32764b
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SM_V9_ZSR       iris    exon    6692287 6692417 .       -       .
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b6d7-2a31186a9e39
SM_V9_ZSR       iris    exon    6697675 6697743 .       -       .
        Parent=Smp_085240.1;Name=22090191-d36e-436b-811c-
c6e3a7a72e1c
SM_V9_ZSR       iris    CDS     6683365 6683424 .       -       0
        Parent=Smp_085240.1
SM_V9_ZSR       iris    CDS     6688415 6688591 .       -       0
        Parent=Smp_085240.1
SM_V9_ZSR       iris    CDS     6690151 6690208 .       -       1
        Parent=Smp_085240.1
SM_V9_ZSR       iris    CDS     6691733 6691941 .       -       0
        Parent=Smp_085240.1
SM_V9_ZSR       iris    CDS     6691990 6692061 .       -       0
        Parent=Smp_085240.1
SM_V9_ZSR       iris    CDS     6692100 6692248 .       -       2
        Parent=Smp_085240.1
SM_V9_ZSR       iris    CDS     6692287 6692341 .       -       0
        Parent=Smp_085240.1
SM_V9_ZSR       iris    gene    6707346 6762500 .       -       .

ID=Smp_245350;geneID=Smp_245350;gene_name=Smp_245350;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    6707346 6762500 .       -       .

ID=Smp_245350.1;Parent=Smp_245350;geneID=Smp_245350;gene_name=Smp_24
5350;owner=irisadmin@local.host;orig_id=Smp_245350.1;date_last_modif
ied=2022-08-02;Name=Smp_245350.1;product=GTP-binding protein
GEM;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    6707346 6707692 .       -       .

Parent=Smp_245350.1;Name=5ce193ca-5fc1-4c00-9d71-5fcd60b7ae4c
SM_V9_ZSR       iris    exon    6718013 6718253 .       -       .
        Parent=Smp_245350.1;Name=e426c086-1e45-4426-
aa92-4351be83010a
SM_V9_ZSR       iris    exon    6729290 6729408 .       -       .
        Parent=Smp_245350.1;Name=ecef86f6-350a-45f5-
b3b9-0799938a59d8
SM_V9_ZSR       iris    exon    6734598 6736418 .       -       .
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        Parent=Smp_245350.1;Name=b009f895-0591-461c-
b44c-2a67b8b8ff46
SM_V9_ZSR       iris    exon    6762306 6762500 .       -       .
        Parent=Smp_245350.1;Name=70d9a8fe-
d692-400d-9165-6ad5c936d6bd
SM_V9_ZSR       iris    CDS     6707373 6707692 .       -       2
        Parent=Smp_245350.1
SM_V9_ZSR       iris    CDS     6718013 6718253 .       -       0
        Parent=Smp_245350.1
SM_V9_ZSR       iris    CDS     6729290 6729408 .       -       2
        Parent=Smp_245350.1
SM_V9_ZSR       iris    CDS     6734598 6736418 .       -       2
        Parent=Smp_245350.1
SM_V9_ZSR       iris    CDS     6762306 6762354 .       -       0
        Parent=Smp_245350.1
SM_V9_ZSR       Liftoff gene    6804569 6814319 .       +       .
        ID=Smp_031180;geneID=Smp_031180
SM_V9_ZSR       Liftoff mRNA    6804569 6814319 .       +       .

ID=Smp_031180.1;Parent=Smp_031180;geneID=Smp_031180;product=phosphol
ipase A;evidence=Traceable Author
Statement;literature=PMID:26642053;polypeptide_domain=InterPro:IPR00
3386,IPR029058 Pfam:PF02450;Ontology_term=GO:0006629,GO:0008374
SM_V9_ZSR       Liftoff exon    6804569 6804672 .       +       .
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff exon    6805237 6805448 .       +       .
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff exon    6805492 6805712 .       +       .
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff exon    6808008 6808235 .       +       .
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff exon    6812103 6812294 .       +       .
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff exon    6813926 6814319 .       +       .
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff CDS     6804622 6804672 .       +       0
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff CDS     6805237 6805448 .       +       0
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff CDS     6805492 6805712 .       +       1
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff CDS     6808008 6808235 .       +       2
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff CDS     6812103 6812294 .       +       2
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff CDS     6813926 6814272 .       +       2
        Parent=Smp_031180.1
SM_V9_ZSR       Liftoff mRNA    6804609 6814319 .       +       .

ID=Smp_031180.2;Parent=Smp_031180;geneID=Smp_031180;product=Group XV
phospholipase A2;polypeptide_domain=InterPro:IPR003386,IPR029058
Pfam:PF02450;Ontology_term=GO:0006629,GO:0008374
SM_V9_ZSR       Liftoff exon    6804609 6805448 .       +       .
        Parent=Smp_031180.2
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SM_V9_ZSR       Liftoff exon    6805492 6805712 .       +       .
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff exon    6808008 6808235 .       +       .
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff exon    6812103 6812294 .       +       .
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff exon    6813926 6814319 .       +       .
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff CDS     6805414 6805448 .       +       0
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff CDS     6805492 6805712 .       +       1
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff CDS     6808008 6808235 .       +       2
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff CDS     6812103 6812294 .       +       2
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff CDS     6813926 6814272 .       +       2
        Parent=Smp_031180.2
SM_V9_ZSR       Liftoff gene    6805934 6807245 .       -       .
        ID=Smp_316920;geneID=Smp_316920
SM_V9_ZSR       Liftoff mRNA    6805934 6807245 .       -       .

ID=Smp_316920.1;Parent=Smp_316920;geneID=Smp_316920;product=Zinc
finger protein
dpff-1;polypeptide_domain=InterPro:IPR001965,IPR011011,IPR013083,IPR
019786,IPR019787 Pfam:PF00628
SM_V9_ZSR       Liftoff exon    6805934 6806098 .       -       .
        Parent=Smp_316920.1
SM_V9_ZSR       Liftoff exon    6806540 6807245 .       -       .
        Parent=Smp_316920.1
SM_V9_ZSR       Liftoff CDS     6806049 6806098 .       -       2
        Parent=Smp_316920.1
SM_V9_ZSR       Liftoff CDS     6806540 6806975 .       -       0
        Parent=Smp_316920.1
SM_V9_ZSR       iris    gene    6820589 6826021 .       +       .

ID=Smp_031190;geneID=Smp_031190;gene_name=Smp_031190;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    6820589 6826021 .       +       .

ID=Smp_031190.1;Parent=Smp_031190;geneID=Smp_031190;gene_name=Smp_03
1190;owner=irisadmin@local.host;orig_id=Smp_031190.1;date_last_modif
ied=2022-08-02;Name=Smp_031190.1;product=phospholipase
A;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    6820589 6820934 .       +       .
        Parent=Smp_031190.1;Name=8b26e830-2e2a-493a-
b11c-773c34aa1e15
SM_V9_ZSR       iris    exon    6820972 6821186 .       +       .
        Parent=Smp_031190.1;Name=ca1702ab-56f4-4a69-9fbb-
bd277919b76b
SM_V9_ZSR       iris    exon    6823093 6823317 .       +       .
        Parent=Smp_031190.1;Name=92105daf-e274-4c7d-
b80a-98dd27fd74f6
SM_V9_ZSR       iris    exon    6823562 6823753 .       +       .
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        Parent=Smp_031190.1;Name=da6a44dd-
f2d7-4d59-9d41-349b544dca86
SM_V9_ZSR       iris    exon    6825604 6826021 .       +       .

Parent=Smp_031190.1;Name=24ba98a0-318e-41dc-90b7-3dd3b850068b
SM_V9_ZSR       iris    CDS     6820663 6820934 .       +       0
        Parent=Smp_031190.1
SM_V9_ZSR       iris    CDS     6820972 6821186 .       +       1
        Parent=Smp_031190.1
SM_V9_ZSR       iris    CDS     6823093 6823317 .       +       2
        Parent=Smp_031190.1
SM_V9_ZSR       iris    CDS     6823562 6823753 .       +       2
        Parent=Smp_031190.1
SM_V9_ZSR       iris    CDS     6825604 6825932 .       +       2
        Parent=Smp_031190.1
SM_V9_ZSR       iris    gene    6827837 6858472 .       -       .

ID=Smp_139060;geneID=Smp_139060;gene_name=Smp_139060;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    6827837 6858472 .       -       .

ID=Smp_139060.1;Parent=Smp_139060;geneID=Smp_139060;gene_name=Smp_13
9060;owner=irisadmin@local.host;orig_id=Smp_139060.2;date_last_modif
ied=2022-08-02;Name=Smp_139060.1;product=Zinc finger protein
181;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    6827837 6829058 .       -       .
        Parent=Smp_139060.1;Name=3e9a0a4d-
acdb-48b3-9743-44bd4146d8c8
SM_V9_ZSR       iris    exon    6830841 6831146 .       -       .
        Parent=Smp_139060.1;Name=6e0e438b-c494-4553-
a8ff-23cb0d0a1ea0
SM_V9_ZSR       iris    exon    6835456 6835836 .       -       .
        Parent=Smp_139060.1;Name=c05ab85b-a4d5-4aa6-aac4-
b74374ebac65
SM_V9_ZSR       iris    exon    6837098 6837262 .       -       .
        Parent=Smp_139060.1;Name=29b5a572-102a-4a85-
a557-205ff10e6ee5
SM_V9_ZSR       iris    exon    6839683 6840415 .       -       .
        Parent=Smp_139060.1;Name=8a093c3a-a763-4a83-af41-
ee0013ce6a33
SM_V9_ZSR       iris    exon    6847315 6847800 .       -       .
        Parent=Smp_139060.1;Name=4444ae71-b127-4393-
ba71-006db70b561a
SM_V9_ZSR       iris    exon    6850755 6851280 .       -       .
        Parent=Smp_139060.1;Name=08112154-b854-4517-
a062-85b270eb09bc
SM_V9_ZSR       iris    exon    6853655 6854036 .       -       .
        Parent=Smp_139060.1;Name=dff05151-360d-469b-8696-
ad1b09ab9740
SM_V9_ZSR       iris    exon    6856448 6856544 .       -       .
        Parent=Smp_139060.1;Name=f169f30f-1946-4808-9b68-
de8303289c22
SM_V9_ZSR       iris    exon    6858427 6858472 .       -       .
        Parent=Smp_139060.1;Name=dedabae1-
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cfdf-4682-86a2-4732efe6118a
SM_V9_ZSR       iris    CDS     6828324 6829058 .       -       0
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SM_V9_ZSR       iris    CDS     6830841 6831146 .       -       0
        Parent=Smp_139060.1
SM_V9_ZSR       iris    CDS     6835456 6835836 .       -       0
        Parent=Smp_139060.1
SM_V9_ZSR       iris    CDS     6837098 6837262 .       -       0
        Parent=Smp_139060.1
SM_V9_ZSR       iris    CDS     6839683 6840415 .       -       1
        Parent=Smp_139060.1
SM_V9_ZSR       iris    CDS     6847315 6847800 .       -       1
        Parent=Smp_139060.1
SM_V9_ZSR       iris    CDS     6850755 6851280 .       -       2
        Parent=Smp_139060.1
SM_V9_ZSR       iris    CDS     6853655 6854036 .       -       0
        Parent=Smp_139060.1
SM_V9_ZSR       iris    CDS     6856448 6856543 .       -       0
        Parent=Smp_139060.1
SM_V9_ZSR       iris    gene    6878028 6920587 .       +       .

ID=Smp_139070;geneID=Smp_139070;gene_name=Smp_139070;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    6878028 6920587 .       +       .

ID=Smp_139070.1;Parent=Smp_139070;geneID=Smp_139070;gene_name=Smp_13
9070;owner=irisadmin@local.host;orig_id=Smp_139070.1;date_last_modif
ied=2022-08-02;Name=Smp_139070.1;product=Rho GTPase-activating
protein 44;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    6878028 6878076 .       +       .
        Parent=Smp_139070.1;Name=663cda6b-dda9-4595-
ac63-787a45b46188
SM_V9_ZSR       iris    exon    6884105 6884240 .       +       .
        Parent=Smp_139070.1;Name=20c4bfc2-0cbb-4bc0-9948-
e5d73f7981f1
SM_V9_ZSR       iris    exon    6887127 6887206 .       +       .
        Parent=Smp_139070.1;Name=6dfa428f-4733-422f-
b5f9-080d8637df6d
SM_V9_ZSR       iris    exon    6894290 6894629 .       +       .
        Parent=Smp_139070.1;Name=711fa9e5-e908-4120-b9b4-
a11d3150d08c
SM_V9_ZSR       iris    exon    6896817 6896967 .       +       .

Parent=Smp_139070.1;Name=838e8149-4ea3-4f64-8096-175a6c6b32b0
SM_V9_ZSR       iris    exon    6900012 6900142 .       +       .
        Parent=Smp_139070.1;Name=ab03904f-aed9-4edc-a69a-
e440e796cf1c
SM_V9_ZSR       iris    exon    6905721 6905768 .       +       .

Parent=Smp_139070.1;Name=2ff00c9c-122a-4448-95f8-78885a1759af
SM_V9_ZSR       iris    exon    6908728 6908879 .       +       .
        Parent=Smp_139070.1;Name=b386d9ce-2ea9-4f14-aa92-
b83364827f55
SM_V9_ZSR       iris    exon    6910507 6910758 .       +       .
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        Parent=Smp_139070.1;Name=d421a65e-bc29-4531-
ac21-70c0f5ffa170
SM_V9_ZSR       iris    exon    6913020 6913117 .       +       .
        Parent=Smp_139070.1;Name=971502ff-7779-4d09-
a35e-9a8456787c9d
SM_V9_ZSR       iris    exon    6913897 6914161 .       +       .
        Parent=Smp_139070.1;Name=cf0adf8b-2d69-4d61-
a104-331aad0cfea4
SM_V9_ZSR       iris    exon    6918646 6920587 .       +       .
        Parent=Smp_139070.1;Name=a5a32b3d-43cf-450e-
b591-6675d0e3f061
SM_V9_ZSR       iris    CDS     6878060 6878076 .       +       0
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6884105 6884240 .       +       1
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6887127 6887206 .       +       0
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6894290 6894629 .       +       1
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6896817 6896967 .       +       0
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6900012 6900142 .       +       2
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6905721 6905768 .       +       0
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6908728 6908879 .       +       0
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6910507 6910758 .       +       1
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6913020 6913117 .       +       1
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6913897 6914161 .       +       2
        Parent=Smp_139070.1
SM_V9_ZSR       iris    CDS     6918646 6919078 .       +       1
        Parent=Smp_139070.1
SM_V9_ZSR       Liftoff gene    6934793 6943378 .       -       .
        ID=Smp_031220;geneID=Smp_031220
SM_V9_ZSR       Liftoff mRNA    6934793 6943378 .       -       .

ID=Smp_031220.1;Parent=Smp_031220;geneID=Smp_031220;product=Solute
carrier family 35 member F1;polypeptide_domain=InterPro:IPR009262
Pfam:PF06027;Ontology_term=GO:0006810,GO:0016021
SM_V9_ZSR       Liftoff exon    6934793 6943378 .       -       .
        Parent=Smp_031220.1
SM_V9_ZSR       Liftoff CDS     6935170 6936420 .       -       0
        Parent=Smp_031220.1
SM_V9_ZSR       iris    gene    6969628 6982080 .       -       .

ID=Smp_139080;geneID=Smp_139080;gene_name=Smp_139080;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    6969628 6982078 .       -       .

ID=Smp_139080.1;Parent=Smp_139080;geneID=Smp_139080;gene_name=Smp_13
9080;owner=irisadmin@local.host;orig_id=Smp_139080.2;date_last_modif
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ied=2022-08-02;Name=Smp_139080.1;product=Bestrophin-1;date_creation=
2022-08-02
SM_V9_ZSR       iris    exon    6969628 6971136 .       -       .
        Parent=Smp_139080.1;Name=e171e067-5e61-4a89-
aafd-58ce474445bb
SM_V9_ZSR       iris    exon    6981241 6982078 .       -       .
        Parent=Smp_139080.1;Name=085310d2-
ce67-4525-9e66-982c2256067a
SM_V9_ZSR       iris    CDS     6970147 6971136 .       -       0
        Parent=Smp_139080.1
SM_V9_ZSR       iris    CDS     6981241 6982002 .       -       0
        Parent=Smp_139080.1
SM_V9_ZSR       iris    mRNA    6969628 6982080 .       -       .

ID=Smp_139080.2;Parent=Smp_139080;geneID=Smp_139080;gene_name=Smp_13
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ied=2022-08-02;Name=Smp_139080.2;product=Bestrophin-2;date_creation=
2022-08-02
SM_V9_ZSR       iris    exon    6969628 6971136 .       -       .
        Parent=Smp_139080.2;Name=2640034e-266d-49d0-a296-
e8a7b5cf639a
SM_V9_ZSR       iris    exon    6980390 6980501 .       -       .
        Parent=Smp_139080.2;Name=905c0b57-5a64-47f5-
a232-5e7cf126d065
SM_V9_ZSR       iris    exon    6981241 6982080 .       -       .

Parent=Smp_139080.2;Name=9d042f2f-7614-4b9f-9fc1-84c2169012d0
SM_V9_ZSR       iris    CDS     6970147 6971136 .       -       0
        Parent=Smp_139080.2
SM_V9_ZSR       iris    CDS     6980390 6980461 .       -       0
        Parent=Smp_139080.2
SM_V9_ZSR       iris    gene    6982151 6983200 .       +       .

ID=Smp_350380;geneID=Smp_350380;gene_name=Smp_350380;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR       iris    mRNA    6982151 6983200 .       +       .

ID=Smp_350380.1;Parent=Smp_350380;geneID=Smp_350380;gene_name=Smp_35
0380;owner=irisadmin@local.host;date_last_modified=2022-10-01;Name=S
mp_350380.1;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    6982151 6983200 .       +       .
        Parent=Smp_350380.1;Name=Smp_350380.1-CDS
SM_V9_ZSR       iris    CDS     6982215 6982670 .       +       0
        Parent=Smp_350380.1
SM_V9_ZSR       iris    gene    6994849 7038056 .       +       .

ID=Smp_139090;geneID=Smp_139090;gene_name=Smp_139090;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    6994849 7038056 .       +       .

ID=Smp_139090.1;Parent=Smp_139090;geneID=Smp_139090;gene_name=Smp_13
9090;owner=irisadmin@local.host;orig_id=Smp_139090.1;date_last_modif
ied=2022-07-18;Name=Smp_139090.1;product=DENN domain-containing
protein 5B;date_creation=2022-06-30
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SM_V9_ZSR       iris    exon    6994849 6994988 .       +       .
        Parent=Smp_139090.1;Name=fd8d4b4f-158e-4787-8944-
cc558fabfe08
SM_V9_ZSR       iris    exon    6996228 6996321 .       +       .
        Parent=Smp_139090.1;Name=ca61eae1-74a2-4cff-
b271-1d2bed582abc
SM_V9_ZSR       iris    exon    6996359 6996480 .       +       .

Parent=Smp_139090.1;Name=f7d0bc4f-223d-4cce-97b3-448cb2563f15
SM_V9_ZSR       iris    exon    6996520 6996825 .       +       .
        Parent=Smp_139090.1;Name=b13b9684-f9de-439d-a2e5-
d962b89f3d49
SM_V9_ZSR       iris    exon    6998468 6998684 .       +       .
        Parent=Smp_139090.1;Name=768fcbee-3fe1-4d7c-950d-
cb19170f20da
SM_V9_ZSR       iris    exon    7000016 7000192 .       +       .
        Parent=Smp_139090.1;Name=7ead57bd-
e868-4871-9ebe-0f350f6b9f7a
SM_V9_ZSR       iris    exon    7002704 7002969 .       +       .
        Parent=Smp_139090.1;Name=9cb75c1e-b811-4c54-8725-
a106feac24d4
SM_V9_ZSR       iris    exon    7003706 7003838 .       +       .

Parent=Smp_139090.1;Name=07a1e29f-1d04-433e-91a7-38c0e914a60f
SM_V9_ZSR       iris    exon    7006311 7006471 .       +       .
        Parent=Smp_139090.1;Name=4a4915fa-1a19-4f8d-ac67-
a00c2494df03
SM_V9_ZSR       iris    exon    7008608 7008811 .       +       .
        Parent=Smp_139090.1;Name=e06c6f15-3ac9-4ec8-
b6de-8ef6f55f6aab
SM_V9_ZSR       iris    exon    7010396 7010954 .       +       .
        Parent=Smp_139090.1;Name=de50f03e-8b10-4918-a2a2-
e9c4c30622be
SM_V9_ZSR       iris    exon    7012162 7012748 .       +       .

Parent=Smp_139090.1;Name=e3df9a78-9608-4d02-8433-64793fceb6c6
SM_V9_ZSR       iris    exon    7015476 7015625 .       +       .
        Parent=Smp_139090.1;Name=e2dfb2f1-3913-40cf-a6a5-
ab35bb656c77
SM_V9_ZSR       iris    exon    7016680 7016832 .       +       .
        Parent=Smp_139090.1;Name=f819b0d8-19b7-4356-94fc-
dcd9e163d8b4
SM_V9_ZSR       iris    exon    7019099 7019369 .       +       .
        Parent=Smp_139090.1;Name=d46581db-edf2-4b84-8dea-
d930a67dfb56
SM_V9_ZSR       iris    exon    7021417 7022011 .       +       .
        Parent=Smp_139090.1;Name=ca1bf5d1-06c2-4cd3-
acca-62c831a984de
SM_V9_ZSR       iris    exon    7022914 7023184 .       +       .

Parent=Smp_139090.1;Name=20f76564-1f41-4b6a-9e98-4267b4ac66e5
SM_V9_ZSR       iris    exon    7025136 7025254 .       +       .
        Parent=Smp_139090.1;Name=19a84b6c-d56c-4d3b-a71d-
bd0bc36b7048
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SM_V9_ZSR       iris    exon    7026295 7026392 .       +       .
        Parent=Smp_139090.1;Name=15373d5c-463f-4d07-
a7a7-3bdd1274604a
SM_V9_ZSR       iris    exon    7031258 7031368 .       +       .
        Parent=Smp_139090.1;Name=886a32ab-bb67-4952-9df6-
a4436ff7c067
SM_V9_ZSR       iris    exon    7032490 7032711 .       +       .

Parent=Smp_139090.1;Name=e68394f1-000c-42d6-939a-4f94db5002f4
SM_V9_ZSR       iris    exon    7034041 7034603 .       +       .
        Parent=Smp_139090.1;Name=6dd528bd-17d9-471b-8a24-
d07f25197775
SM_V9_ZSR       iris    exon    7036416 7038056 .       +       .
        Parent=Smp_139090.1;Name=c87cfb2a-2c86-465a-
a8c3-7ae8541a182a
SM_V9_ZSR       iris    CDS     6996240 6996321 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     6996359 6996480 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     6996520 6996825 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     6998468 6998684 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7000016 7000192 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7002704 7002969 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7003706 7003838 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7006311 7006471 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7008608 7008811 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7010396 7010954 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7012162 7012748 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7015476 7015625 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7016680 7016832 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7019099 7019369 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7021417 7022011 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7022914 7023184 .       +       1
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7025136 7025254 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7026295 7026392 .       +       1
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7031258 7031368 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7032490 7032711 .       +       2
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        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7034041 7034603 .       +       2
        Parent=Smp_139090.1
SM_V9_ZSR       iris    CDS     7036416 7036619 .       +       0
        Parent=Smp_139090.1
SM_V9_ZSR       iris    gene    7043988 7050482 .       -       .

ID=Smp_031270;geneID=Smp_031270;gene_name=Smp_031270;owner=irisadmin
@local.host;date_last_modified=2022-10-24;date_creation=2022-10-24
SM_V9_ZSR       iris    mRNA    7043988 7050482 .       -       .

ID=Smp_031270.1;Parent=Smp_031270;geneID=Smp_031270;gene_name=Smp_03
1270;owner=irisadmin@local.host;orig_id=Smp_031270.1;date_last_modif
ied=2022-10-24;Name=Smp_031270.1;product=Transmembrane protein
35A;date_creation=2022-10-24
SM_V9_ZSR       iris    exon    7043988 7044517 .       -       .
        Parent=Smp_031270.1;Name=69eb48a3-c3e0-40cf-
a287-3d40ec939d8d
SM_V9_ZSR       iris    exon    7046051 7046338 .       -       .
        Parent=Smp_031270.1;Name=a3673049-e871-421a-b79c-
a7c19aa195c3
SM_V9_ZSR       iris    exon    7046379 7046533 .       -       .
        Parent=Smp_031270.1;Name=260749b2-0b63-4f76-
aa45-368a661ac598
SM_V9_ZSR       iris    exon    7050333 7050482 .       -       .
        Parent=Smp_031270.1;Name=f61f00a7-cf3c-4992-bacb-
d5cf33436c56
SM_V9_ZSR       iris    CDS     7044335 7044517 .       -       0
        Parent=Smp_031270.1
SM_V9_ZSR       iris    CDS     7046051 7046338 .       -       0
        Parent=Smp_031270.1
SM_V9_ZSR       iris    CDS     7046379 7046489 .       -       0
        Parent=Smp_031270.1
SM_V9_ZSR       iris    gene    7078444 7169061 .       +       .

ID=Smp_139100;geneID=Smp_139100;gene_name=Smp_139100;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    7078444 7169061 .       +       .

ID=Smp_139100.1;Parent=Smp_139100;geneID=Smp_139100;gene_name=Smp_13
9100;owner=irisadmin@local.host;orig_id=Smp_139100.1;date_last_modif
ied=2022-08-02;Name=Smp_139100.1;product=Protein
F37C4.5;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    7078444 7080391 .       +       .
        Parent=Smp_139100.1;Name=40f463d3-ff0f-4d18-
b17f-8e28ce857874
SM_V9_ZSR       iris    exon    7087703 7088281 .       +       .
        Parent=Smp_139100.1;Name=9c15cc03-2e37-401a-
a76f-1b1e510fa31c
SM_V9_ZSR       iris    exon    7123137 7123536 .       +       .
        Parent=Smp_139100.1;Name=f50053ee-ac95-459f-a892-
d31b0461f745
SM_V9_ZSR       iris    exon    7132057 7132250 .       +       .
        Parent=Smp_139100.1;Name=d25dbcdd-94d1-4742-8e54-
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ccde3afb4de0
SM_V9_ZSR       iris    exon    7140913 7141042 .       +       .
        Parent=Smp_139100.1;Name=4e6a3ee8-
d249-4f2e-8ec9-7c4f17bd4e1b
SM_V9_ZSR       iris    exon    7146963 7147099 .       +       .
        Parent=Smp_139100.1;Name=09ce8ddd-d0a1-4b90-
a54f-00377a4a4aa1
SM_V9_ZSR       iris    exon    7148119 7148391 .       +       .
        Parent=Smp_139100.1;Name=9279caa1-2889-4d85-
a6a7-473ff39ad71b
SM_V9_ZSR       iris    exon    7149048 7149411 .       +       .
        Parent=Smp_139100.1;Name=66808f75-db16-44ff-
b829-9f6774f849fd
SM_V9_ZSR       iris    exon    7154121 7154591 .       +       .
        Parent=Smp_139100.1;Name=5d323472-90c0-4607-a5e8-
f9ba6fbfe491
SM_V9_ZSR       iris    exon    7163467 7163700 .       +       .
        Parent=Smp_139100.1;Name=6179d3e2-23f7-43e9-a60c-
e41726acfdda
SM_V9_ZSR       iris    exon    7165574 7165682 .       +       .
        Parent=Smp_139100.1;Name=8a468ae3-1c0e-4786-a6a7-
fab48c84883c
SM_V9_ZSR       iris    exon    7167635 7169061 .       +       .

Parent=Smp_139100.1;Name=ab76108b-78b8-4045-8d36-9e18b3c0afb9
SM_V9_ZSR       iris    CDS     7079919 7080391 .       +       0
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7087703 7088281 .       +       1
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7123137 7123536 .       +       1
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7132057 7132250 .       +       0
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7140913 7141042 .       +       1
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7146963 7147099 .       +       0
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7148119 7148391 .       +       1
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7149048 7149411 .       +       1
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7154121 7154591 .       +       0
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7163467 7163700 .       +       0
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7165574 7165682 .       +       0
        Parent=Smp_139100.1
SM_V9_ZSR       iris    CDS     7167635 7167717 .       +       2
        Parent=Smp_139100.1
SM_V9_ZSR       iris    mRNA    7078444 7169061 .       +       .

ID=Smp_139100.2;Parent=Smp_139100;geneID=Smp_139100;gene_name=Smp_13
9100;owner=irisadmin@local.host;orig_id=Smp_139100.2;date_last_modif
ied=2022-08-02;Name=Smp_139100.2;product=Protein
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F37C4.5;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    7078444 7080391 .       +       .
        Parent=Smp_139100.2;Name=ab947e90-0c15-4271-b2f4-
ed212dbc385e
SM_V9_ZSR       iris    exon    7087703 7088281 .       +       .
        Parent=Smp_139100.2;Name=1e09d981-
debd-43f1-8a71-6482e938c367
SM_V9_ZSR       iris    exon    7123137 7123536 .       +       .
        Parent=Smp_139100.2;Name=0a8b7162-6249-498e-
a541-798d9cba9199
SM_V9_ZSR       iris    exon    7132057 7132250 .       +       .
        Parent=Smp_139100.2;Name=f3bc87ca-c092-4f65-b296-
d96fc6b2a1d1
SM_V9_ZSR       iris    exon    7140913 7141042 .       +       .
        Parent=Smp_139100.2;Name=60cbe6d9-e160-4f5a-96e6-
b4c4686765cd
SM_V9_ZSR       iris    exon    7146963 7147099 .       +       .

Parent=Smp_139100.2;Name=3a3080f4-6b82-438d-9178-8a5c3b135dea
SM_V9_ZSR       iris    exon    7148119 7148365 .       +       .
        Parent=Smp_139100.2;Name=92f45833-
d7a3-4de8-925e-28f686d98538
SM_V9_ZSR       iris    exon    7154121 7154591 .       +       .
        Parent=Smp_139100.2;Name=29c08eec-da97-4c11-afac-
f3a71eeaf783
SM_V9_ZSR       iris    exon    7163467 7163700 .       +       .
        Parent=Smp_139100.2;Name=d522042d-192d-4532-9b6c-
c047eaa5264d
SM_V9_ZSR       iris    exon    7165574 7165682 .       +       .
        Parent=Smp_139100.2;Name=8b7d4eba-8311-406b-
a4f1-61ba8b71ff6b
SM_V9_ZSR       iris    exon    7167635 7169061 .       +       .
        Parent=Smp_139100.2;Name=e17e475f-558b-4b64-8b31-
c410fb20289b
SM_V9_ZSR       iris    CDS     7079919 7080391 .       +       0
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7087703 7088281 .       +       1
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7123137 7123536 .       +       1
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7132057 7132250 .       +       0
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7140913 7141042 .       +       1
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7146963 7147099 .       +       0
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7148119 7148365 .       +       1
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7154121 7154591 .       +       0
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7163467 7163700 .       +       0
        Parent=Smp_139100.2
SM_V9_ZSR       iris    CDS     7165574 7165682 .       +       0
        Parent=Smp_139100.2
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SM_V9_ZSR       iris    CDS     7167635 7167717 .       +       2
        Parent=Smp_139100.2
SM_V9_ZSR       iris    mRNA    7078444 7169061 .       +       .

ID=Smp_139100.3;Parent=Smp_139100;geneID=Smp_139100;gene_name=Smp_13
9100;owner=irisadmin@local.host;orig_id=Smp_139100.3;date_last_modif
ied=2022-08-02;Name=Smp_139100.3;product=Protein
F37C4.5;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    7078444 7080391 .       +       .
        Parent=Smp_139100.3;Name=b1085ad8-feda-40c6-
bc57-7489e1039617
SM_V9_ZSR       iris    exon    7087703 7088281 .       +       .
        Parent=Smp_139100.3;Name=1db46bce-c310-4022-9c4b-
dbb4a3ee69ee
SM_V9_ZSR       iris    exon    7123137 7123536 .       +       .

Parent=Smp_139100.3;Name=83b6c573-6847-4a43-898b-56c5f0e52c1c
SM_V9_ZSR       iris    exon    7132057 7132250 .       +       .

Parent=Smp_139100.3;Name=3a282cb5-59c4-40aa-96ce-0e07116ba624
SM_V9_ZSR       iris    exon    7140913 7141042 .       +       .
        Parent=Smp_139100.3;Name=71241453-bae7-4fd2-
b282-7ba17e25aa8f
SM_V9_ZSR       iris    exon    7146963 7147099 .       +       .

Parent=Smp_139100.3;Name=0caf5402-6087-4595-86ae-448ede285558
SM_V9_ZSR       iris    exon    7149048 7149411 .       +       .

Parent=Smp_139100.3;Name=88dde40e-5478-439f-9836-6918f9aa35fd
SM_V9_ZSR       iris    exon    7154121 7154591 .       +       .
        Parent=Smp_139100.3;Name=be843dba-5db3-4297-
ad36-84006a1a2471
SM_V9_ZSR       iris    exon    7163467 7163700 .       +       .
        Parent=Smp_139100.3;Name=2071e6e9-a1fe-4dce-990f-
e4291ea398ae
SM_V9_ZSR       iris    exon    7165574 7165682 .       +       .

Parent=Smp_139100.3;Name=c8b6f8bb-08f6-4b2a-9139-08a0729b975a
SM_V9_ZSR       iris    exon    7167635 7169061 .       +       .

Parent=Smp_139100.3;Name=a7f13693-34e8-4562-9561-92a83b351a76
SM_V9_ZSR       iris    CDS     7079919 7080391 .       +       0
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7087703 7088281 .       +       1
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7123137 7123536 .       +       1
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7132057 7132250 .       +       0
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7140913 7141042 .       +       1
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7146963 7147099 .       +       0
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7149048 7149411 .       +       1
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        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7154121 7154591 .       +       0
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7163467 7163700 .       +       0
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7165574 7165682 .       +       0
        Parent=Smp_139100.3
SM_V9_ZSR       iris    CDS     7167635 7167717 .       +       2
        Parent=Smp_139100.3
SM_V9_ZSR       iris    gene    7180462 7194230 .       -       .

ID=Smp_031300;geneID=Smp_031300;gene_name=Smp_031300;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    7180462 7194230 .       -       .

ID=Smp_031300.2;Parent=Smp_031300;geneID=Smp_031300;gene_name=Smp_03
1300;owner=irisadmin@local.host;orig_id=Smp_031300.1;date_last_modif
ied=2022-08-02;Name=Smp_031300.2;product=Universal stress protein
Sll1388;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    7180462 7181394 .       -       .
        Parent=Smp_031300.2;Name=1039c60d-
d081-4f2d-90d0-69e6ef51648c
SM_V9_ZSR       iris    exon    7193879 7194230 .       -       .
        Parent=Smp_031300.2;Name=913214a0-9e3c-4c1d-
bd30-465e27782218
SM_V9_ZSR       iris    CDS     7181381 7181394 .       -       2
        Parent=Smp_031300.2
SM_V9_ZSR       iris    CDS     7193879 7194194 .       -       0
        Parent=Smp_031300.2
SM_V9_ZSR       iris    mRNA    7193230 7194230 .       -       .

ID=Smp_031300.1;Parent=Smp_031300;geneID=Smp_031300;gene_name=Smp_03
1300;owner=irisadmin@local.host;orig_id=Smp_031300.2;date_last_modif
ied=2022-08-02;Name=Smp_031300.1;product=Aspartyl/glutamyl-tRNA(Asn/
Gln) amidotransferase subunit B;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    7193230 7194230 .       -       .
        Parent=Smp_031300.1;Name=Smp_031300.1-CDS
SM_V9_ZSR       iris    CDS     7193712 7194194 .       -       0
        Parent=Smp_031300.1
SM_V9_ZSR       Liftoff gene    7212362 7224129 .       +       .
        ID=Smp_322330;geneID=Smp_322330
SM_V9_ZSR       Liftoff mRNA    7212362 7224129 .       +       .

ID=Smp_322330.1;Parent=Smp_322330;geneID=Smp_322330;product=Probable
guanosine-3',5'-bis(diphosphate) 3'-pyrophosphohydrolase
SM_V9_ZSR       Liftoff exon    7212362 7224129 .       +       .
        Parent=Smp_322330.1
SM_V9_ZSR       Liftoff CDS     7214899 7215108 .       +       0
        Parent=Smp_322330.1
SM_V9_ZSR       iris    gene    7224939 7230188 .       -       .

ID=Smp_031310;geneID=Smp_031310;gene_name=Smp_031310;owner=mb4@sange
r.ac.uk,irisadmin@local.host;Note=checked;date_last_modified=2022-10
-03;date_creation=2022-06-29
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SM_V9_ZSR       iris    mRNA    7224939 7230188 .       -       .

ID=Smp_031310.2;Parent=Smp_031310;geneID=Smp_031310;gene_name=Smp_03
1310;owner=mb4@sanger.ac.uk,irisadmin@local.host;Note=evidence for
alternative splicing based on >2 RNAseq
libraries,checked;orig_id=Smp_031310.2;date_last_modified=2022-07-19
;Name=Smp_031310.2;product=40S ribosomal protein
S26;date_creation=2022-06-29
SM_V9_ZSR       iris    exon    7224939 7225186 .       -       .
        Parent=Smp_031310.2;Name=38526690-0ceb-4c56-80c4-
ad0d0fe41672
SM_V9_ZSR       iris    exon    7229932 7230109 .       -       .
        Parent=Smp_031310.2;Name=7e6d204a-0c2d-4e53-
a68c-39d4ffb7d74c
SM_V9_ZSR       iris    exon    7230155 7230188 .       -       .

Parent=Smp_031310.2;Name=9da3feb2-6aa1-4925-8554-07d254761435
SM_V9_ZSR       iris    CDS     7225176 7225186 .       -       2
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ast_modified=2022-06-30;Name=Smp_031310.1;product=40S ribosomal
protein S26;date_creation=2022-06-29
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SM_V9_ZSR       iris    exon    7230155 7230188 .       -       .

Parent=Smp_031310.1;Name=ffeebeaa-27ba-4ea3-9a6a-39965c7feffb
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SM_V9_ZSR       iris    CDS     7229932 7230109 .       -       0
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SM_V9_ZSR       iris    CDS     7230155 7230157 .       -       0
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SM_V9_ZSR       Liftoff gene    7240265 7334769 .       +       .

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SM_V9_ZSR       Liftoff exon    7264283 7264381 .       +       .
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SM_V9_ZSR       Liftoff exon    7267000 7267098 .       +       .
        Parent=Smp_332910.1
SM_V9_ZSR       Liftoff exon    7268259 7268357 .       +       .
        Parent=Smp_332910.1
SM_V9_ZSR       Liftoff exon    7270651 7270848 .       +       .
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SM_V9_ZSR       Liftoff exon    7276130 7276327 .       +       .
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SM_V9_ZSR       Liftoff exon    7278476 7278670 .       +       .
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SM_V9_ZSR       Liftoff exon    7283198 7283413 .       +       .
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SM_V9_ZSR       Liftoff exon    7283881 7284183 .       +       .
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SM_V9_ZSR       Liftoff exon    7287645 7287834 .       +       .
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SM_V9_ZSR       Liftoff exon    7293072 7293173 .       +       .
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SM_V9_ZSR       Liftoff exon    7296893 7296994 .       +       .
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SM_V9_ZSR       Liftoff exon    7301906 7301947 .       +       .
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SM_V9_ZSR       Liftoff exon    7305800 7305879 .       +       .
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SM_V9_ZSR       Liftoff exon    7309498 7309595 .       +       .
        Parent=Smp_332910.1
SM_V9_ZSR       Liftoff exon    7310611 7310796 .       +       .
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SM_V9_ZSR       Liftoff exon    7312002 7312192 .       +       .
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SM_V9_ZSR       Liftoff exon    7314764 7314992 .       +       .
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SM_V9_ZSR       Liftoff exon    7315100 7315302 .       +       .
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SM_V9_ZSR       Liftoff exon    7317570 7317757 .       +       .
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        Parent=Smp_332910.1
SM_V9_ZSR       Liftoff exon    7322427 7322846 .       +       .
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SM_V9_ZSR       Liftoff exon    7333761 7334769 .       +       .
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SM_V9_ZSR       Liftoff CDS     7268259 7268357 .       +       0
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SM_V9_ZSR       Liftoff CDS     7270651 7270848 .       +       0
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SM_V9_ZSR       Liftoff CDS     7276130 7276327 .       +       0
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SM_V9_ZSR       Liftoff CDS     7278476 7278670 .       +       0
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SM_V9_ZSR       Liftoff CDS     7283198 7283413 .       +       0
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SM_V9_ZSR       Liftoff CDS     7283881 7284183 .       +       0
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SM_V9_ZSR       Liftoff CDS     7287645 7287834 .       +       0
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SM_V9_ZSR       Liftoff CDS     7293072 7293173 .       +       2
        Parent=Smp_332910.1
SM_V9_ZSR       Liftoff CDS     7296893 7296994 .       +       2
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SM_V9_ZSR       Liftoff CDS     7305800 7305879 .       +       2
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SM_V9_ZSR       Liftoff CDS     7310611 7310796 .       +       1
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SM_V9_ZSR       Liftoff CDS     7313234 7313768 .       +       2
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SM_V9_ZSR       Liftoff CDS     7315100 7315302 .       +       0
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SM_V9_ZSR       Liftoff CDS     7317570 7317757 .       +       1
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SM_V9_ZSR       Liftoff CDS     7319415 7319630 .       +       2
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SM_V9_ZSR       Liftoff CDS     7321086 7321208 .       +       2
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SM_V9_ZSR       Liftoff CDS     7322427 7322846 .       +       2
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SM_V9_ZSR       Liftoff CDS     7325147 7325290 .       +       2
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SM_V9_ZSR       Liftoff CDS     7333761 7334476 .       +       2
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SM_V9_ZSR       Liftoff mRNA    7240265 7334769 .       +       .

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Pfam:PF00023,PF00531,PF00791,PF12796,PF13637;Ontology_term=GO:000551
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SM_V9_ZSR       Liftoff exon    7246827 7246928 .       +       .
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SM_V9_ZSR       Liftoff exon    7249938 7250135 .       +       .
        Parent=Smp_332910.2
SM_V9_ZSR       Liftoff exon    7251837 7251935 .       +       .
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SM_V9_ZSR       Liftoff exon    7253893 7254081 .       +       .
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SM_V9_ZSR       Liftoff exon    7258022 7258120 .       +       .
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SM_V9_ZSR       Liftoff exon    7261666 7261863 .       +       .
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SM_V9_ZSR       Liftoff exon    7264283 7264381 .       +       .
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SM_V9_ZSR       Liftoff exon    7267000 7267098 .       +       .
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SM_V9_ZSR       Liftoff exon    7268259 7268357 .       +       .
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SM_V9_ZSR       Liftoff exon    7293072 7293173 .       +       .
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SM_V9_ZSR       Liftoff CDS     7325147 7325290 .       +       2
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        Parent=Smp_332910.2
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ID=Smp_198660.1;Parent=Smp_198660;geneID=Smp_198660;product=Hypothet
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        Parent=Smp_198660.1
SM_V9_ZSR       Liftoff exon    7337779 7340609 .       +       .
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2,4-cyclodiphosphate synthase;date_creation=2022-08-02
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        Parent=Smp_335040.1;Name=aff3d1ff-87b2-4ac8-
bbe3-69d1b0b6d4eb
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Pfam:PF02854,PF09088,PF09090;Ontology_term=GO:0003723,GO:0005488,GO:
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        Parent=Smp_031360.1
SM_V9_ZSR       Liftoff CDS     7374531 7375086 .       +       2
        Parent=Smp_031360.1
SM_V9_ZSR       Liftoff CDS     7375692 7375934 .       +       1
        Parent=Smp_031360.1
SM_V9_ZSR       Liftoff CDS     7377218 7377332 .       +       1
        Parent=Smp_031360.1
SM_V9_ZSR       Liftoff CDS     7378679 7379158 .       +       0
        Parent=Smp_031360.1
SM_V9_ZSR       Liftoff CDS     7380443 7380550 .       +       0
        Parent=Smp_031360.1
SM_V9_ZSR       iris    gene    7398115 7406501 .       +       .

ID=Smp_203390;geneID=Smp_203390;gene_name=Smp_203390;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    7398115 7406501 .       +       .
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ID=Smp_203390.1;Parent=Smp_203390;geneID=Smp_203390;gene_name=Smp_20
3390;owner=irisadmin@local.host;orig_id=Smp_203390.1;date_last_modif
ied=2022-07-19;Name=Smp_203390.1;product=Elongation factor
4;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    7398115 7398320 .       +       .

Parent=Smp_203390.1;Name=da151df3-76ff-47e0-9ff4-93b091076fbb
SM_V9_ZSR       iris    exon    7399809 7399982 .       +       .
        Parent=Smp_203390.1;Name=d6d109d8-9175-4fd1-b1ba-
d5838215bf4f
SM_V9_ZSR       iris    exon    7400016 7400183 .       +       .

Parent=Smp_203390.1;Name=4af94aae-703e-43a2-9ebd-0a4ed60ab427
SM_V9_ZSR       iris    exon    7404169 7404734 .       +       .
        Parent=Smp_203390.1;Name=e4c8a9f8-2580-4f64-
b9b6-832626174a18
SM_V9_ZSR       iris    exon    7405470 7406501 .       +       .
        Parent=Smp_203390.1;Name=35d47895-c06d-47bb-
ada3-9f5b3707cc21
SM_V9_ZSR       iris    CDS     7399878 7399982 .       +       0
        Parent=Smp_203390.1
SM_V9_ZSR       iris    CDS     7400016 7400183 .       +       0
        Parent=Smp_203390.1
SM_V9_ZSR       iris    CDS     7404169 7404720 .       +       0
        Parent=Smp_203390.1
SM_V9_ZSR       iris    mRNA    7398115 7406501 .       +       .

ID=Smp_203390.2;Parent=Smp_203390;geneID=Smp_203390;gene_name=Smp_20
3390;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_203390.2;product=DNA polymerase alpha catalytic
subunit;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    7398115 7398320 .       +       .
        Parent=Smp_203390.2;Name=fe313b0c-eea5-4c41-af2b-
ac4ad60b8026
SM_V9_ZSR       iris    exon    7399809 7399982 .       +       .

Parent=Smp_203390.2;Name=e267215b-16a0-4eeb-91dd-23c4dc7446c1
SM_V9_ZSR       iris    exon    7400016 7400183 .       +       .
        Parent=Smp_203390.2;Name=4a334e52-b7b3-4b3f-9473-
a0c493325c7b
SM_V9_ZSR       iris    exon    7405470 7406501 .       +       .

Parent=Smp_203390.2;Name=ec5a3db0-29ab-4625-9635-99cee1103ca5
SM_V9_ZSR       iris    CDS     7399878 7399982 .       +       0
        Parent=Smp_203390.2
SM_V9_ZSR       iris    CDS     7400016 7400183 .       +       0
        Parent=Smp_203390.2
SM_V9_ZSR       iris    CDS     7405470 7406060 .       +       0
        Parent=Smp_203390.2
SM_V9_ZSR       Liftoff gene    7421595 7434033 .       +       .
        ID=Smp_139140;geneID=Smp_139140
SM_V9_ZSR       Liftoff mRNA    7421595 7434033 .       +       .

ID=Smp_139140.1;Parent=Smp_139140;geneID=Smp_139140;product=Elongati
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on factor 2
SM_V9_ZSR       Liftoff exon    7421595 7421770 .       +       .
        Parent=Smp_139140.1
SM_V9_ZSR       Liftoff exon    7432167 7432408 .       +       .
        Parent=Smp_139140.1
SM_V9_ZSR       Liftoff exon    7433517 7434033 .       +       .
        Parent=Smp_139140.1
SM_V9_ZSR       Liftoff CDS     7421746 7421770 .       +       0
        Parent=Smp_139140.1
SM_V9_ZSR       Liftoff CDS     7432167 7432408 .       +       2
        Parent=Smp_139140.1
SM_V9_ZSR       Liftoff CDS     7433517 7433708 .       +       0
        Parent=Smp_139140.1
SM_V9_ZSR       Liftoff gene    7443546 7464141 .       -       .
        ID=Smp_031390;geneID=Smp_031390
SM_V9_ZSR       Liftoff mRNA    7443546 7464141 .       -       .

ID=Smp_031390.1;Parent=Smp_031390;geneID=Smp_031390;product=Transcri
ption-associated protein 1
SM_V9_ZSR       Liftoff exon    7443546 7444142 .       -       .
        Parent=Smp_031390.1
SM_V9_ZSR       Liftoff exon    7445810 7446051 .       -       .
        Parent=Smp_031390.1
SM_V9_ZSR       Liftoff exon    7463928 7464141 .       -       .
        Parent=Smp_031390.1
SM_V9_ZSR       Liftoff CDS     7443987 7444142 .       -       0
        Parent=Smp_031390.1
SM_V9_ZSR       Liftoff CDS     7445810 7446051 .       -       2
        Parent=Smp_031390.1
SM_V9_ZSR       Liftoff CDS     7463928 7463952 .       -       0
        Parent=Smp_031390.1
SM_V9_ZSR       iris    gene    7491007 7536711 .       -       .

ID=Smp_332920;geneID=Smp_332920;gene_name=Smp_332920;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    7491007 7536711 .       -       .

ID=Smp_332920.1;Parent=Smp_332920;geneID=Smp_332920;gene_name=Smp_33
2920;owner=irisadmin@local.host;orig_id=Smp_332920.1;date_last_modif
ied=2022-11-09;Name=Smp_332920.1;product=Hypothetical
protein;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    7491007 7491796 .       -       .
        Parent=Smp_332920.1;Name=0ffb2408-d75e-49af-a006-
ac890a658662
SM_V9_ZSR       iris    exon    7494859 7495519 .       -       .
        Parent=Smp_332920.1;Name=c7a75e7c-667f-4b50-becc-
bc637a6ccefb
SM_V9_ZSR       iris    exon    7495705 7495778 .       -       .
        Parent=Smp_332920.1;Name=bf53487c-fdbd-44a4-
ac8a-5d7fb9d5339f
SM_V9_ZSR       iris    exon    7498349 7498510 .       -       .

Parent=Smp_332920.1;Name=fd5216e1-10d6-4b08-840a-37edbffe6ae3
SM_V9_ZSR       iris    exon    7501827 7501907 .       -       .
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        Parent=Smp_332920.1;Name=7187c7bc-e13a-404e-
ba28-0684abbde5b5
SM_V9_ZSR       iris    exon    7502538 7502745 .       -       .
        Parent=Smp_332920.1;Name=0f6d310a-1cbe-4fb4-a21f-
a507e9598d8a
SM_V9_ZSR       iris    exon    7503674 7503744 .       -       .
        Parent=Smp_332920.1;Name=847f19da-
adbb-43fa-9fcd-56147d04afda
SM_V9_ZSR       iris    exon    7507380 7507472 .       -       .
        Parent=Smp_332920.1;Name=dd19aec3-ebd9-406e-b908-
da87457f874d
SM_V9_ZSR       iris    exon    7528855 7529292 .       -       .
        Parent=Smp_332920.1;Name=6332298e-493e-4e6b-8434-
aa51b8468f11
SM_V9_ZSR       iris    exon    7530622 7531012 .       -       .
        Parent=Smp_332920.1;Name=3e327b0e-a1b4-4dad-
bc74-93ba130cfff7
SM_V9_ZSR       iris    exon    7532854 7533014 .       -       .
        Parent=Smp_332920.1;Name=8c449e70-167f-4d65-
b836-5dba9b627ab6
SM_V9_ZSR       iris    exon    7535676 7536230 .       -       .
        Parent=Smp_332920.1;Name=287a54fc-84d6-4a1a-ad0d-
a951686fd8c6
SM_V9_ZSR       iris    exon    7536266 7536438 .       -       .

Parent=Smp_332920.1;Name=04a9c109-5968-421e-9711-57eb803d0c4d
SM_V9_ZSR       iris    exon    7536471 7536516 .       -       .
        Parent=Smp_332920.1;Name=967b2427-8466-4142-a84a-
e2a31bb2d45b
SM_V9_ZSR       iris    exon    7536553 7536711 .       -       .
        Parent=Smp_332920.1;Name=300475e1-dce6-4b56-9153-
fd65ac6013e5
SM_V9_ZSR       iris    CDS     7494961 7495519 .       -       1
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7495705 7495778 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7498349 7498510 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7501827 7501907 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7502538 7502745 .       -       1
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7503674 7503744 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7507380 7507472 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7528855 7529292 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7530622 7531012 .       -       1
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7532854 7533014 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7535676 7536230 .       -       0
        Parent=Smp_332920.1
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SM_V9_ZSR       iris    CDS     7536266 7536438 .       -       2
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7536471 7536516 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    CDS     7536553 7536570 .       -       0
        Parent=Smp_332920.1
SM_V9_ZSR       iris    gene    7549425 7583571 .       +       .

ID=Smp_126170;geneID=Smp_126170;gene_name=Smp_126170;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    7549425 7583571 .       +       .

ID=Smp_126170.1;Parent=Smp_126170;geneID=Smp_126170;gene_name=Smp_12
6170;owner=irisadmin@local.host;orig_id=Smp_126170.1;date_last_modif
ied=2022-07-18;Name=Smp_126170.1;product=Rab GTPase-binding effector
protein 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    7549425 7549524 .       +       .
        Parent=Smp_126170.1;Name=ba24a3b3-e2e0-4677-a6a6-
bc67d5bb5d32
SM_V9_ZSR       iris    exon    7563973 7564465 .       +       .
        Parent=Smp_126170.1;Name=b36d9c53-ef10-4f46-a28d-
a8c8897adc76
SM_V9_ZSR       iris    exon    7567818 7568196 .       +       .
        Parent=Smp_126170.1;Name=3d0ec5bc-749d-4214-81bd-
acfeb3611e94
SM_V9_ZSR       iris    exon    7573989 7574350 .       +       .

Parent=Smp_126170.1;Name=fdf3714e-2026-483c-999f-14cd91ebdb1c
SM_V9_ZSR       iris    exon    7575631 7575834 .       +       .
        Parent=Smp_126170.1;Name=71b890ff-1bfe-4fb9-
abf7-2713c3ea044a
SM_V9_ZSR       iris    exon    7576810 7577030 .       +       .

Parent=Smp_126170.1;Name=49c28d68-89db-4c4b-940a-3b2082c98dd6
SM_V9_ZSR       iris    exon    7579456 7579699 .       +       .
        Parent=Smp_126170.1;Name=7c5841d3-7569-436a-b4b9-
a9f2448a8216
SM_V9_ZSR       iris    exon    7580946 7581092 .       +       .
        Parent=Smp_126170.1;Name=5912ea20-
d33e-4890-8687-8fbac20d88d8
SM_V9_ZSR       iris    exon    7582369 7583571 .       +       .
        Parent=Smp_126170.1;Name=9f4addc0-d2bd-4bed-ae1c-
a4c6b9f0fb3f
SM_V9_ZSR       iris    CDS     7564085 7564465 .       +       0
        Parent=Smp_126170.1
SM_V9_ZSR       iris    CDS     7567818 7568196 .       +       0
        Parent=Smp_126170.1
SM_V9_ZSR       iris    CDS     7573989 7574350 .       +       2
        Parent=Smp_126170.1
SM_V9_ZSR       iris    CDS     7575631 7575834 .       +       0
        Parent=Smp_126170.1
SM_V9_ZSR       iris    CDS     7576810 7577030 .       +       0
        Parent=Smp_126170.1
SM_V9_ZSR       iris    CDS     7579456 7579699 .       +       1
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        Parent=Smp_126170.1
SM_V9_ZSR       iris    CDS     7580946 7581092 .       +       0
        Parent=Smp_126170.1
SM_V9_ZSR       iris    CDS     7582369 7582776 .       +       0
        Parent=Smp_126170.1
SM_V9_ZSR       Liftoff gene    7603993 7605191 .       -       .
        ID=Smp_007450;geneID=Smp_007450
SM_V9_ZSR       Liftoff mRNA    7603993 7605191 .       -       .

ID=Smp_007450.1;Parent=Smp_007450;geneID=Smp_007450;product=Thiosulf
ate sulfurtransferase/rhodanese-like domain-containing protein
3;polypeptide_domain=InterPro:IPR001763 Pfam:PF00581
SM_V9_ZSR       Liftoff exon    7603993 7604439 .       -       .
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff exon    7604482 7604644 .       -       .
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff exon    7604674 7604826 .       -       .
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff exon    7604872 7605191 .       -       .
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff CDS     7604382 7604439 .       -       1
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff CDS     7604482 7604644 .       -       2
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff CDS     7604674 7604826 .       -       2
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff CDS     7604872 7604980 .       -       0
        Parent=Smp_007450.1
SM_V9_ZSR       Liftoff mRNA    7603993 7605191 .       -       .

ID=Smp_007450.2;Parent=Smp_007450;geneID=Smp_007450;product=Thiosulf
ate sulfurtransferase/rhodanese-like domain-containing protein
3;polypeptide_domain=InterPro:IPR001763 Pfam:PF00581
SM_V9_ZSR       Liftoff exon    7603993 7604439 .       -       .
        Parent=Smp_007450.2
SM_V9_ZSR       Liftoff exon    7604482 7604644 .       -       .
        Parent=Smp_007450.2
SM_V9_ZSR       Liftoff exon    7604674 7604826 .       -       .
        Parent=Smp_007450.2
SM_V9_ZSR       Liftoff exon    7605001 7605191 .       -       .
        Parent=Smp_007450.2
SM_V9_ZSR       Liftoff CDS     7604382 7604439 .       -       1
        Parent=Smp_007450.2
SM_V9_ZSR       Liftoff CDS     7604482 7604644 .       -       2
        Parent=Smp_007450.2
SM_V9_ZSR       Liftoff CDS     7604674 7604826 .       -       2
        Parent=Smp_007450.2
SM_V9_ZSR       Liftoff CDS     7605001 7605088 .       -       0
        Parent=Smp_007450.2
SM_V9_ZSR       iris    gene    7619356 7645461 .       -       .

ID=Smp_242630;geneID=Smp_242630;gene_name=Smp_242630;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    7619356 7645461 .       -       .
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ID=Smp_242630.1;Parent=Smp_242630;geneID=Smp_242630;gene_name=Smp_24
2630;owner=irisadmin@local.host;orig_id=Smp_242630.1;date_last_modif
ied=2022-07-09;Name=Smp_242630.1;product=NAD kinase 2,
mitochondrial;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    7619356 7619856 .       -       .
        Parent=Smp_242630.1;Name=32404fc8-37ec-453b-8833-
be658f534a05
SM_V9_ZSR       iris    exon    7620700 7620739 .       -       .
        Parent=Smp_242630.1;Name=ce88143b-
fdca-4201-8197-2d9619f3cc4e
SM_V9_ZSR       iris    exon    7625269 7625618 .       -       .
        Parent=Smp_242630.1;Name=383bfee7-b5d9-4f6b-
bb80-3d7111a651e5
SM_V9_ZSR       iris    exon    7630340 7630588 .       -       .
        Parent=Smp_242630.1;Name=213106c8-2fc9-4deb-a420-
b48c0e9f8583
SM_V9_ZSR       iris    exon    7634774 7634857 .       -       .
        Parent=Smp_242630.1;Name=0ed8481e-8258-487f-b999-
ed5d0be04fff
SM_V9_ZSR       iris    exon    7637052 7637222 .       -       .
        Parent=Smp_242630.1;Name=17d3237b-5f0a-4581-
b4e8-39ef4ee1a08c
SM_V9_ZSR       iris    exon    7641416 7641504 .       -       .
        Parent=Smp_242630.1;Name=715e06be-5d35-4980-bf41-
b8881a156dd0
SM_V9_ZSR       iris    exon    7641549 7641748 .       -       .
        Parent=Smp_242630.1;Name=bc794553-5917-4849-
b1fa-72d87e42f3a2
SM_V9_ZSR       iris    exon    7645212 7645461 .       -       .
        Parent=Smp_242630.1;Name=7c284f30-a28c-4b81-
bbb2-1b475eab7571
SM_V9_ZSR       iris    CDS     7619703 7619856 .       -       1
        Parent=Smp_242630.1
SM_V9_ZSR       iris    CDS     7620700 7620739 .       -       2
        Parent=Smp_242630.1
SM_V9_ZSR       iris    CDS     7625269 7625618 .       -       1
        Parent=Smp_242630.1
SM_V9_ZSR       iris    CDS     7630340 7630588 .       -       1
        Parent=Smp_242630.1
SM_V9_ZSR       iris    CDS     7634774 7634857 .       -       1
        Parent=Smp_242630.1
SM_V9_ZSR       iris    CDS     7637052 7637222 .       -       1
        Parent=Smp_242630.1
SM_V9_ZSR       iris    CDS     7641416 7641504 .       -       0
        Parent=Smp_242630.1
SM_V9_ZSR       iris    CDS     7641549 7641743 .       -       0
        Parent=Smp_242630.1
SM_V9_ZSR       iris    gene    7653743 7728539 .       +       .

ID=Smp_347700;geneID=Smp_347700;gene_name=Smp_347700;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    7653743 7728539 .       +       .
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ID=Smp_347700.2;Parent=Smp_347700;geneID=Smp_347700;gene_name=Smp_34
7700;owner=irisadmin@local.host;orig_id=Smp_347700.3;date_last_modif
ied=2022-07-19;Name=Smp_347700.2;product=Engulfment and cell
motility protein 2;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    7653743 7653913 .       +       .
        Parent=Smp_347700.2;Name=325ef9e1-1f91-43ac-b349-
c09e819c0fe3
SM_V9_ZSR       iris    exon    7653952 7653992 .       +       .
        Parent=Smp_347700.2;Name=6d0498ce-0024-4822-
baa1-62cac010c859
SM_V9_ZSR       iris    exon    7654028 7654115 .       +       .
        Parent=Smp_347700.2;Name=004ec7b2-f817-4fc1-86e4-
f75fe9a8f80d
SM_V9_ZSR       iris    exon    7654151 7654198 .       +       .
        Parent=Smp_347700.2;Name=9913b010-4bed-4a66-
bd70-7e87706d010c
SM_V9_ZSR       iris    exon    7687092 7687331 .       +       .
        Parent=Smp_347700.2;Name=785d611d-3f6c-4d6f-9a59-
b311c7e6f560
SM_V9_ZSR       iris    exon    7689362 7689722 .       +       .
        Parent=Smp_347700.2;Name=587a5210-eac4-494d-92d7-
f27647269a9d
SM_V9_ZSR       iris    exon    7693431 7693513 .       +       .
        Parent=Smp_347700.2;Name=944f6104-
accf-436f-9144-467bddca7a2e
SM_V9_ZSR       iris    exon    7694564 7694629 .       +       .
        Parent=Smp_347700.2;Name=06ba7fa4-cd21-4b18-b397-
ef4ed4334044
SM_V9_ZSR       iris    exon    7695897 7696083 .       +       .
        Parent=Smp_347700.2;Name=5cab8c92-e23a-4414-9a35-
f932cf4b8122
SM_V9_ZSR       iris    exon    7699830 7700285 .       +       .
        Parent=Smp_347700.2;Name=a7e855da-20ce-448f-83ae-
b085d6f3a705
SM_V9_ZSR       iris    exon    7702455 7702571 .       +       .
        Parent=Smp_347700.2;Name=b027c1bd-fc7d-42e6-ba88-
f1b7bb57ea8d
SM_V9_ZSR       iris    exon    7704974 7705580 .       +       .

Parent=Smp_347700.2;Name=d910beb4-4f5a-42cf-8790-09efe0f57660
SM_V9_ZSR       iris    exon    7706649 7706863 .       +       .
        Parent=Smp_347700.2;Name=259c7f42-06a0-4847-a340-
ca5de36c32cc
SM_V9_ZSR       iris    exon    7715323 7715495 .       +       .
        Parent=Smp_347700.2;Name=6552699a-acb4-4df3-97bd-
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SM_V9_ZSR       iris    exon    7717300 7717424 .       +       .
        Parent=Smp_347700.2;Name=d9cae511-b792-4240-a9c1-
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SM_V9_ZSR       iris    exon    7721043 7721126 .       +       .
        Parent=Smp_347700.2;Name=680e3845-b226-4b63-a9b8-
b908eb9d1396
SM_V9_ZSR       iris    exon    7723490 7723557 .       +       .
        Parent=Smp_347700.2;Name=4b8022ef-4298-4178-88f1-
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bb3fb03cc0f6
SM_V9_ZSR       iris    exon    7725712 7725873 .       +       .

Parent=Smp_347700.2;Name=27cdd96c-93ab-4df9-8318-11f5de679acd
SM_V9_ZSR       iris    exon    7727614 7728539 .       +       .
        Parent=Smp_347700.2;Name=02577feb-0d48-417d-
a592-75025ce3d1fc
SM_V9_ZSR       iris    CDS     7687234 7687331 .       +       0
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7689362 7689722 .       +       1
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7693431 7693513 .       +       0
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7694564 7694629 .       +       1
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7695897 7696083 .       +       1
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7699830 7700285 .       +       0
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SM_V9_ZSR       iris    CDS     7702455 7702571 .       +       0
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SM_V9_ZSR       iris    CDS     7704974 7705580 .       +       0
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SM_V9_ZSR       iris    CDS     7706649 7706863 .       +       2
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7715323 7715495 .       +       0
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7717300 7717424 .       +       1
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7721043 7721126 .       +       2
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7723490 7723557 .       +       2
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7725712 7725873 .       +       0
        Parent=Smp_347700.2
SM_V9_ZSR       iris    CDS     7727614 7727760 .       +       0
        Parent=Smp_347700.2
SM_V9_ZSR       iris    mRNA    7677443 7728539 .       +       .

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7700;owner=irisadmin@local.host;orig_id=Smp_347700.5;date_last_modif
ied=2022-07-19;Name=Smp_347700.1;product=Engulfment and cell
motility protein 2;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    7677443 7678782 .       +       .
        Parent=Smp_347700.1;Name=63fcda43-cfe2-4b5e-aa13-
f21262a090b6
SM_V9_ZSR       iris    exon    7687092 7687331 .       +       .
        Parent=Smp_347700.1;Name=47007802-dcdf-4322-a6ab-
b008d7707445
SM_V9_ZSR       iris    exon    7689362 7689722 .       +       .
        Parent=Smp_347700.1;Name=432e4a41-e37b-45ed-
ae6d-1e51f4e5def7
SM_V9_ZSR       iris    exon    7693431 7693513 .       +       .
        Parent=Smp_347700.1;Name=05fe665d-e8d9-413b-880d-
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d9e09126591b
SM_V9_ZSR       iris    exon    7694564 7694629 .       +       .
        Parent=Smp_347700.1;Name=7b05c62a-81ae-4315-83fd-
fd2b840b840a
SM_V9_ZSR       iris    exon    7695897 7696083 .       +       .
        Parent=Smp_347700.1;Name=6af452d8-cfa1-442b-80cd-
b55d4fa30c6b
SM_V9_ZSR       iris    exon    7699830 7700285 .       +       .
        Parent=Smp_347700.1;Name=2756a3bb-d618-4fcd-8800-
ffd42d53efe5
SM_V9_ZSR       iris    exon    7702455 7702571 .       +       .
        Parent=Smp_347700.1;Name=5510e3e2-aa4a-4eb6-
bdf8-935b37adae7a
SM_V9_ZSR       iris    exon    7704974 7705580 .       +       .
        Parent=Smp_347700.1;Name=bf0560c0-a89a-48ea-
b912-24c5a3294427
SM_V9_ZSR       iris    exon    7706649 7706863 .       +       .
        Parent=Smp_347700.1;Name=9358c6e3-53e4-4e1a-
a544-869270cfad6b
SM_V9_ZSR       iris    exon    7715323 7715495 .       +       .

Parent=Smp_347700.1;Name=80e6cc46-8324-4372-81aa-1467b6c1c04d
SM_V9_ZSR       iris    exon    7717300 7717424 .       +       .
        Parent=Smp_347700.1;Name=65ad4ed3-96d1-415b-
a1a6-6212c28a4f85
SM_V9_ZSR       iris    exon    7721043 7721126 .       +       .

Parent=Smp_347700.1;Name=083336a0-8957-4875-8d6d-6d9f22f2dc6b
SM_V9_ZSR       iris    exon    7723490 7723557 .       +       .
        Parent=Smp_347700.1;Name=58281c05-
a120-4e1d-8e25-5f5090559fa7
SM_V9_ZSR       iris    exon    7725712 7725873 .       +       .

Parent=Smp_347700.1;Name=36b7ba73-9322-4538-9960-4fc3ff2da714
SM_V9_ZSR       iris    exon    7727614 7728539 .       +       .
        Parent=Smp_347700.1;Name=f86cc696-
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SM_V9_ZSR       iris    CDS     7677851 7678782 .       +       0
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7687092 7687331 .       +       1
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7689362 7689722 .       +       1
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7693431 7693513 .       +       0
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7694564 7694629 .       +       1
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7695897 7696083 .       +       1
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7699830 7700285 .       +       0
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7702455 7702571 .       +       0
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7704974 7705580 .       +       0
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        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7706649 7706863 .       +       2
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7715323 7715495 .       +       0
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7717300 7717424 .       +       1
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7721043 7721126 .       +       2
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7723490 7723557 .       +       2
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7725712 7725873 .       +       0
        Parent=Smp_347700.1
SM_V9_ZSR       iris    CDS     7727614 7727760 .       +       0
        Parent=Smp_347700.1
SM_V9_ZSR       iris    gene    7735255 7739421 .       +       .

ID=Smp_093100;geneID=Smp_093100;gene_name=Smp_093100;owner=irisadmin
@local.host;date_last_modified=2022-10-24;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    7735255 7739421 .       +       .

ID=Smp_093100.1;Parent=Smp_093100;geneID=Smp_093100;gene_name=Smp_09
3100;owner=irisadmin@local.host;orig_id=Smp_093100.2;date_last_modif
ied=2022-06-30;Name=Smp_093100.1;product=Splicing factor U2AF 35 kDa
subunit;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    7735255 7735371 .       +       .
        Parent=Smp_093100.1;Name=8dc29533-a5bc-4721-aa5b-
e0beb6729577
SM_V9_ZSR       iris    exon    7735407 7735494 .       +       .
        Parent=Smp_093100.1;Name=4173490b-2ebd-4c7f-
bce2-124544ed350f
SM_V9_ZSR       iris    exon    7735527 7735593 .       +       .

Parent=Smp_093100.1;Name=a80e747c-3b7e-4486-9344-61d9890b3bfe
SM_V9_ZSR       iris    exon    7737391 7737467 .       +       .
        Parent=Smp_093100.1;Name=5b8dfd40-ede6-4737-
bd5a-994010a7ffe6
SM_V9_ZSR       iris    exon    7737503 7737574 .       +       .
        Parent=Smp_093100.1;Name=8b061790-2d82-4e17-
a918-649ae9c9bedf
SM_V9_ZSR       iris    exon    7737610 7737743 .       +       .
        Parent=Smp_093100.1;Name=cc88de80-9b9f-49ac-b03a-
e7d9a5133ca9
SM_V9_ZSR       iris    exon    7738955 7739421 .       +       .
        Parent=Smp_093100.1;Name=475ff7b2-
a2b2-4c67-9931-31556b71ab4e
SM_V9_ZSR       iris    CDS     7735328 7735371 .       +       0
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SM_V9_ZSR       iris    CDS     7735407 7735494 .       +       1
        Parent=Smp_093100.1
SM_V9_ZSR       iris    CDS     7735527 7735593 .       +       0
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SM_V9_ZSR       iris    CDS     7737503 7737574 .       +       0
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SM_V9_ZSR       iris    CDS     7737610 7737743 .       +       0
        Parent=Smp_093100.1
SM_V9_ZSR       iris    CDS     7738955 7739138 .       +       1
        Parent=Smp_093100.1
SM_V9_ZSR       Liftoff gene    7747034 7780039 .       -       .

ID=Smp_245330;geneID=Smp_245330;previous_systematic_id=Smp_126380,Sm
p_173090
SM_V9_ZSR       Liftoff mRNA    7747034 7780039 .       -       .

ID=Smp_245330.1;Parent=Smp_245330;geneID=Smp_245330;product=Eyes
absent homolog
4;polypeptide_domain=InterPro:IPR006545;Ontology_term=GO:0007275
SM_V9_ZSR       Liftoff exon    7747034 7747338 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7749771 7749871 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7750951 7751201 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7757082 7757417 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7762199 7762257 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7765510 7765599 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7767016 7767692 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7770807 7771119 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7773184 7773545 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff exon    7778395 7780039 .       -       .
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7747258 7747338 .       -       0
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7749771 7749871 .       -       2
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7750951 7751201 .       -       1
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7757082 7757417 .       -       1
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7762199 7762257 .       -       0
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7765510 7765599 .       -       0
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7767016 7767692 .       -       2
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7770807 7771119 .       -       0
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7773184 7773545 .       -       2
        Parent=Smp_245330.1
SM_V9_ZSR       Liftoff CDS     7778395 7778644 .       -       0
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SM_V9_ZSR       Liftoff gene    7792024 7795319 .       -       .
        ID=Smp_126370;geneID=Smp_126370
SM_V9_ZSR       Liftoff mRNA    7792024 7795279 .       -       .

ID=Smp_126370.1;Parent=Smp_126370;geneID=Smp_126370;product=DNA-
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RPABC1;polypeptide_domain=InterPro:IPR000783,IPR005571,IPR014381,IPR
020609
Pfam:PF01191,PF03871;Ontology_term=GO:0003677,GO:0003899,GO:0005634,
GO:0006351
SM_V9_ZSR       Liftoff exon    7792024 7792258 .       -       .
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff exon    7792296 7792435 .       -       .
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff exon    7792477 7792755 .       -       .
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff exon    7792797 7795279 .       -       .
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff CDS     7792114 7792258 .       -       1
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff CDS     7792296 7792435 .       -       0
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff CDS     7792477 7792755 .       -       0
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff CDS     7792797 7792850 .       -       0
        Parent=Smp_126370.1
SM_V9_ZSR       Liftoff mRNA    7792024 7795319 .       -       .

ID=Smp_126370.2;Parent=Smp_126370;geneID=Smp_126370;product=DNA-
directed RNA polymerases I, II, and III subunit
RPABC1;polypeptide_domain=InterPro:IPR000783,IPR005571,IPR014381,IPR
020609
Pfam:PF01191,PF03871;Ontology_term=GO:0003677,GO:0003899,GO:0005634,
GO:0006351
SM_V9_ZSR       Liftoff exon    7792024 7792258 .       -       .
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff exon    7792296 7792435 .       -       .
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff exon    7792477 7792755 .       -       .
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff exon    7792797 7792859 .       -       .
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff exon    7795206 7795319 .       -       .
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff CDS     7792114 7792258 .       -       1
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff CDS     7792296 7792435 .       -       0
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff CDS     7792477 7792755 .       -       0
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff CDS     7792797 7792859 .       -       0
        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff CDS     7795206 7795292 .       -       0
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        Parent=Smp_126370.2
SM_V9_ZSR       Liftoff gene    7805308 7855259 .       -       .

ID=Smp_126360;geneID=Smp_126360;previous_systematic_id=Smp_190530
SM_V9_ZSR       Liftoff mRNA    7805308 7855259 .       -       .

ID=Smp_126360.1;Parent=Smp_126360;geneID=Smp_126360;product=Helicase
domino
SM_V9_ZSR       Liftoff exon    7805308 7806290 .       -       .
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff exon    7808222 7808965 .       -       .
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff exon    7813852 7814085 .       -       .
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff exon    7814608 7814922 .       -       .
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff exon    7817590 7817868 .       -       .
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff exon    7823097 7823333 .       -       .
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff exon    7854763 7855259 .       -       .
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff CDS     7805857 7806290 .       -       2
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff CDS     7808222 7808965 .       -       2
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff CDS     7813852 7814085 .       -       2
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff CDS     7814608 7814922 .       -       2
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff CDS     7817590 7817868 .       -       2
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff CDS     7823097 7823333 .       -       2
        Parent=Smp_126360.1
SM_V9_ZSR       Liftoff CDS     7854763 7854835 .       -       0
        Parent=Smp_126360.1
SM_V9_ZSR       iris    gene    7870423 7903081 .       +       .

ID=Smp_245320;geneID=Smp_245320;gene_name=Smp_245320;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    7870423 7903081 .       +       .

ID=Smp_245320.1;Parent=Smp_245320;geneID=Smp_245320;gene_name=Smp_24
5320;owner=irisadmin@local.host;orig_id=Smp_245320.2;date_last_modif
ied=2022-08-24;Name=Smp_245320.1;product=Glutamate [NMDA] receptor
subunit 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    7870423 7870695 .       +       .
        Parent=Smp_245320.1;Name=b296fb60-9ea7-47f4-
af5b-2e6b82d82357
SM_V9_ZSR       iris    exon    7870725 7871105 .       +       .
        Parent=Smp_245320.1;Name=8a052dd5-
fccd-441f-82e6-9230c472d528
SM_V9_ZSR       iris    exon    7878239 7878470 .       +       .
        Parent=Smp_245320.1;Name=8571a545-0675-42c1-988a-
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SM_V9_ZSR       iris    exon    7879306 7879534 .       +       .
Parent=Smp_245320.1;Name=f5563866-2f5a-467b-9024-031ff1794664
SM_V9_ZSR       iris    exon    7881293 7881491 .       +       .
        Parent=Smp_245320.1;Name=80f51250-3222-4272-a996-
efbb2918133f
SM_V9_ZSR       iris    exon    7883786 7883992 .       +       .
        Parent=Smp_245320.1;Name=9f7b586f-3d76-4def-
ad56-9f15a6022948
SM_V9_ZSR       iris    exon    7887383 7887509 .       +       .
        Parent=Smp_245320.1;Name=cf45f6c9-3688-4d24-
bc22-84fed0e9c1c1
SM_V9_ZSR       iris    exon    7890349 7890650 .       +       .
        Parent=Smp_245320.1;Name=e1b2e4df-f9ec-45e9-
a776-95b699033186
SM_V9_ZSR       iris    exon    7891748 7892242 .       +       .
        Parent=Smp_245320.1;Name=827c89bf-4e86-41a2-
a799-6c1a002fcd95
SM_V9_ZSR       iris    exon    7895542 7895685 .       +       .
        Parent=Smp_245320.1;Name=7d13ec6e-a036-4460-
b591-6e162881f7b6
SM_V9_ZSR       iris    exon    7896461 7896647 .       +       .
        Parent=Smp_245320.1;Name=5fbef59f-92de-4b19-b892-
d0ee5d512e50
SM_V9_ZSR       iris    exon    7900481 7900731 .       +       .
        Parent=Smp_245320.1;Name=54205ad3-
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SM_V9_ZSR       iris    exon    7901707 7903081 .       +       .
Parent=Smp_245320.1;Name=d59d6a3b-06be-471f-90c0-1a14bb02c719
SM_V9_ZSR       iris    CDS     7870519 7870695 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7870725 7871105 .       +       0
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SM_V9_ZSR       iris    CDS     7878239 7878470 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7879306 7879534 .       +       2
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7881293 7881491 .       +       1
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7883786 7883992 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7887383 7887509 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7890349 7890650 .       +       2
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7891748 7892242 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7895542 7895685 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7896461 7896647 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7900481 7900731 .       +       2
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        Parent=Smp_245320.1
SM_V9_ZSR       iris    CDS     7901707 7902333 .       +       0
        Parent=Smp_245320.1
SM_V9_ZSR       iris    gene    7909381 7910336 .       +       .

ID=Smp_245310;geneID=Smp_245310;gene_name=Smp_245310;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    7909381 7910336 .       +       .

ID=Smp_245310.1;Parent=Smp_245310;geneID=Smp_245310;gene_name=Smp_24
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ied=2022-07-09;Name=Smp_245310.1;product=2-isopropylmalate
synthase;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    7909381 7910336 .       +       .
        Parent=Smp_245310.1;Name=Smp_245310.1-CDS
SM_V9_ZSR       iris    CDS     7909536 7909892 .       +       0
        Parent=Smp_245310.1
SM_V9_ZSR       iris    gene    7918024 7927762 .       -       .

ID=Smp_322340;geneID=Smp_322340;gene_name=Smp_322340;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    7918024 7927762 .       -       .

ID=Smp_322340.1;Parent=Smp_322340;geneID=Smp_322340;gene_name=Smp_32
2340;owner=irisadmin@local.host;orig_id=Smp_322340.1;date_last_modif
ied=2022-08-20;Name=Smp_322340.1;product=Synaptobrevin;date_creation
=2022-08-20
SM_V9_ZSR       iris    exon    7918024 7918353 .       -       .
        Parent=Smp_322340.1;Name=78072122-ccdb-4063-
b374-0a941143b60a
SM_V9_ZSR       iris    exon    7927322 7927762 .       -       .
        Parent=Smp_322340.1;Name=3f410ede-10a2-4d69-b2ad-
e3b33a19a3ae
SM_V9_ZSR       iris    CDS     7918219 7918353 .       -       0
        Parent=Smp_322340.1
SM_V9_ZSR       iris    CDS     7927322 7927582 .       -       0
        Parent=Smp_322340.1
SM_V9_ZSR       iris    gene    7934329 7962284 .       -       .

ID=Smp_322350;geneID=Smp_322350;gene_name=Smp_322350;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    7934329 7954386 .       -       .

ID=Smp_322350.1;Parent=Smp_322350;geneID=Smp_322350;gene_name=Smp_32
2350;owner=irisadmin@local.host;orig_id=Smp_342220.1;date_last_modif
ied=2022-07-09;Name=Smp_322350.1;product=D-glucuronyl C5-
epimerase;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    7934329 7935043 .       -       .

Parent=Smp_322350.1;Name=a352d80e-9ea4-4e7d-9f6b-1773dbc369db
SM_V9_ZSR       iris    exon    7936167 7936402 .       -       .
        Parent=Smp_322350.1;Name=6a960c77-3f67-4b3d-
bea6-03ac02a2eef0
SM_V9_ZSR       iris    exon    7940097 7940386 .       -       .
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        Parent=Smp_322350.1;Name=0450a32a-c530-4851-8dad-
dbf6bb944b40
SM_V9_ZSR       iris    exon    7942941 7943161 .       -       .
        Parent=Smp_322350.1;Name=9ba08373-6bc8-4013-
a272-5c986eee863d
SM_V9_ZSR       iris    exon    7944119 7944324 .       -       .
        Parent=Smp_322350.1;Name=2382854f-ca5d-47d4-
bf0f-0964053de9dd
SM_V9_ZSR       iris    exon    7946193 7946444 .       -       .

Parent=Smp_322350.1;Name=8f972899-73e8-4bfb-984e-954cade6c06b
SM_V9_ZSR       iris    exon    7947902 7948070 .       -       .
        Parent=Smp_322350.1;Name=ccd99197-a4de-4931-
b919-21240cd6acb2
SM_V9_ZSR       iris    exon    7953113 7953257 .       -       .
        Parent=Smp_322350.1;Name=8ea06317-526c-49fb-ba3f-
d14a6de78a38
SM_V9_ZSR       iris    exon    7953292 7953354 .       -       .
        Parent=Smp_322350.1;Name=1b61d249-50c9-4098-96f6-
cda44b3ad3fd
SM_V9_ZSR       iris    exon    7953397 7953589 .       -       .
        Parent=Smp_322350.1;Name=ef1bd648-7960-43c2-
bf88-4bf964cc4368
SM_V9_ZSR       iris    exon    7954073 7954386 .       -       .
        Parent=Smp_322350.1;Name=028e2cbc-75f2-4983-aeed-
c4d862caef86
SM_V9_ZSR       iris    CDS     7934672 7935043 .       -       0
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7936167 7936402 .       -       2
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7940097 7940386 .       -       1
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7942941 7943161 .       -       0
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7944119 7944324 .       -       2
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7946193 7946444 .       -       2
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7947902 7948070 .       -       0
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7953113 7953257 .       -       1
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7953292 7953354 .       -       1
        Parent=Smp_322350.1
SM_V9_ZSR       iris    CDS     7953397 7953545 .       -       0
        Parent=Smp_322350.1
SM_V9_ZSR       iris    mRNA    7934329 7962284 .       -       .

ID=Smp_322350.2;Parent=Smp_322350;geneID=Smp_322350;gene_name=Smp_32
2350;owner=irisadmin@local.host;orig_id=Smp_322350.1;date_last_modif
ied=2022-07-09;Name=Smp_322350.2;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    7934329 7935043 .       -       .
        Parent=Smp_322350.2;Name=Smp_322350.2-CDS
SM_V9_ZSR       iris    exon    7936167 7936402 .       -       .
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        Parent=Smp_322350.2;Name=50b81199-fafd-40ef-953f-
b2d1e33a5b35
SM_V9_ZSR       iris    exon    7940097 7940386 .       -       .
        Parent=Smp_322350.2;Name=ffb375ee-4e23-4133-
b3db-296cc02412e2
SM_V9_ZSR       iris    exon    7942941 7943161 .       -       .
        Parent=Smp_322350.2;Name=fc6053ad-b8ab-4f86-9b5f-
ba07396771d0
SM_V9_ZSR       iris    exon    7944119 7944324 .       -       .
        Parent=Smp_322350.2;Name=9d259869-3795-4c39-8eb4-
c08c3fd2a217
SM_V9_ZSR       iris    exon    7946193 7946444 .       -       .

Parent=Smp_322350.2;Name=9e8f25f5-3c01-46a9-8935-4fb654cc4bd9
SM_V9_ZSR       iris    exon    7947902 7948070 .       -       .
        Parent=Smp_322350.2;Name=da12fba1-043e-47e6-
b1e3-8224bed29f60
SM_V9_ZSR       iris    exon    7953113 7953257 .       -       .

Parent=Smp_322350.2;Name=5b4b7163-042f-4efb-8069-42b0f9b37a21
SM_V9_ZSR       iris    exon    7953292 7953354 .       -       .
        Parent=Smp_322350.2;Name=bd1c755f-ea75-4a68-8be2-
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SM_V9_ZSR       iris    exon    7953397 7953589 .       -       .

Parent=Smp_322350.2;Name=61744b7a-7017-4438-8751-7b9cf7911d39
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        Parent=Smp_322350.2;Name=cdf904e7-5d1b-4a86-
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SM_V9_ZSR       iris    CDS     7934672 7935043 .       -       0
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7936167 7936402 .       -       2
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7940097 7940386 .       -       1
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SM_V9_ZSR       iris    CDS     7942941 7943161 .       -       0
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7944119 7944324 .       -       2
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7946193 7946444 .       -       2
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7947902 7948070 .       -       0
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7953113 7953257 .       -       1
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7953292 7953354 .       -       1
        Parent=Smp_322350.2
SM_V9_ZSR       iris    CDS     7953397 7953545 .       -       0
        Parent=Smp_322350.2
SM_V9_ZSR       iris    gene    7967393 8011439 .       +       .

ID=Smp_304320;geneID=Smp_304320;gene_name=Smp_304320;owner=irisadmin
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ied=2022-07-19;Name=Smp_304320.1;product=(E3-independent) E2
ubiquitin-conjugating enzyme UBE2O;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    7967393 7967590 .       +       .
        Parent=Smp_304320.1;Name=3441a1ae-
d0d1-4103-82d3-71344ee33466
SM_V9_ZSR       iris    exon    7968451 7968690 .       +       .
        Parent=Smp_304320.1;Name=1115103a-42e1-46e1-
a49d-547dd216fe0e
SM_V9_ZSR       iris    exon    7970562 7970668 .       +       .
        Parent=Smp_304320.1;Name=05f5c527-b6b9-4cd9-9c9e-
a9dce4c47b98
SM_V9_ZSR       iris    exon    7973638 7974150 .       +       .
        Parent=Smp_304320.1;Name=620f533b-1291-49ad-b2e4-
ca204c8a2357
SM_V9_ZSR       iris    exon    7979283 7979432 .       +       .
        Parent=Smp_304320.1;Name=f2e5c7a6-653a-48c6-
b264-32598c0a6901
SM_V9_ZSR       iris    exon    7980487 7980754 .       +       .
        Parent=Smp_304320.1;Name=9348b26a-be01-4d59-b792-
ba78fdee8536
SM_V9_ZSR       iris    exon    7981922 7982858 .       +       .
        Parent=Smp_304320.1;Name=fa7feee9-
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SM_V9_ZSR       iris    exon    7987865 7988090 .       +       .
        Parent=Smp_304320.1;Name=1f6be95e-f221-414d-
a744-25910c35cc85
SM_V9_ZSR       iris    exon    7989713 7989956 .       +       .
        Parent=Smp_304320.1;Name=668271ee-bcb9-47ac-
b620-7a40e5682b6f
SM_V9_ZSR       iris    exon    7991120 7991358 .       +       .
        Parent=Smp_304320.1;Name=e7f67c64-c956-44d5-8324-
ba7b039f4a87
SM_V9_ZSR       iris    exon    7992866 7993256 .       +       .
        Parent=Smp_304320.1;Name=6a2af511-2397-4e4d-85b0-
cd6ffda92e47
SM_V9_ZSR       iris    exon    7994935 7995169 .       +       .
        Parent=Smp_304320.1;Name=bd7bb7a3-a7c1-4db8-b50f-
eb7987431a0e
SM_V9_ZSR       iris    exon    7995776 7995899 .       +       .

Parent=Smp_304320.1;Name=5f4e03de-48cf-47cd-9335-27380ca74200
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SM_V9_ZSR       iris    exon    7998933 7999092 .       +       .
        Parent=Smp_304320.1;Name=671cac06-0c01-401e-85a5-
c1bb370239a2
SM_V9_ZSR       iris    exon    8001666 8001766 .       +       .
        Parent=Smp_304320.1;Name=f39b9982-a679-4e5a-93c2-
acdae2e5fa8b
SM_V9_ZSR       iris    exon    8004460 8004630 .       +       .
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e891b241baae
SM_V9_ZSR       iris    exon    8007422 8007578 .       +       .
        Parent=Smp_304320.1;Name=10b18e50-366e-4327-
afcd-51641deccd56
SM_V9_ZSR       iris    exon    8008107 8008308 .       +       .
        Parent=Smp_304320.1;Name=1075bc77-1247-46e9-
bd2a-95dd91619a24
SM_V9_ZSR       iris    exon    8010113 8011439 .       +       .

Parent=Smp_304320.1;Name=7ae71b39-8ae6-4fe1-9589-6523fc62d098
SM_V9_ZSR       iris    CDS     7967435 7967590 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7968451 7968690 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7970562 7970668 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7973638 7974150 .       +       1
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7979283 7979432 .       +       1
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7980487 7980754 .       +       1
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7981922 7982858 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7987865 7988090 .       +       2
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7989713 7989956 .       +       1
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7991120 7991358 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7992866 7993256 .       +       1
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7994935 7995169 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7995776 7995899 .       +       2
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7997090 7997429 .       +       1
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     7998933 7999092 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     8001666 8001766 .       +       2
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     8004460 8004630 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     8007422 8007578 .       +       0
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     8008107 8008308 .       +       2
        Parent=Smp_304320.1
SM_V9_ZSR       iris    CDS     8010113 8010347 .       +       1
        Parent=Smp_304320.1
SM_V9_ZSR       iris    gene    8015970 8018139 .       +       .

ID=Smp_203400;geneID=Smp_203400;gene_name=Smp_203400;owner=irisadmin
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@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    8015970 8018139 .       +       .

ID=Smp_203400.1;Parent=Smp_203400;geneID=Smp_203400;gene_name=Smp_20
3400;owner=irisadmin@local.host;orig_id=Smp_203400.1;date_last_modif
ied=2022-08-02;Name=Smp_203400.1;product=Uracil nucleotide/cysteinyl
leukotriene receptor;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    8015970 8018139 .       +       .
        Parent=Smp_203400.1;Name=83674668-1a60-43e0-94da-
de33df556379
SM_V9_ZSR       iris    CDS     8016021 8017133 .       +       0
        Parent=Smp_203400.1
SM_V9_ZSR       Liftoff gene    8052139 8064779 .       -       .
        ID=Smp_007760;geneID=Smp_007760
SM_V9_ZSR       Liftoff mRNA    8052139 8064779 .       -       .

ID=Smp_007760.1;Parent=Smp_007760;geneID=Smp_007760;product=Alanine
aminotransferase
2;polypeptide_domain=InterPro:IPR004839,IPR015421,IPR015422,IPR01542
4 Pfam:PF00155;Ontology_term=GO:0003824,GO:0009058,GO:0030170
SM_V9_ZSR       Liftoff exon    8052139 8052553 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8056158 8056270 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8057428 8057649 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8059791 8059899 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8061067 8061416 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8062126 8062242 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8063345 8063475 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8064359 8064557 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff exon    8064594 8064779 .       -       .
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8052463 8052553 .       -       1
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8056158 8056270 .       -       0
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8057428 8057649 .       -       0
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8059791 8059899 .       -       1
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8061067 8061416 .       -       0
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8062126 8062242 .       -       0
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8063345 8063475 .       -       2
        Parent=Smp_007760.1
SM_V9_ZSR       Liftoff CDS     8064359 8064557 .       -       0
        Parent=Smp_007760.1
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SM_V9_ZSR       Liftoff CDS     8064594 8064707 .       -       0
        Parent=Smp_007760.1
SM_V9_ZSR       iris    gene    8071934 8109759 .       -       .

ID=Smp_126310;geneID=Smp_126310;gene_name=Smp_126310;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    8071934 8109759 .       -       .

ID=Smp_126310.1;Parent=Smp_126310;geneID=Smp_126310;gene_name=Smp_12
6310;owner=irisadmin@local.host;orig_id=Smp_126310.1;date_last_modif
ied=2022-07-18;Name=Smp_126310.1;product=Beta-1-
syntrophin;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8071934 8073036 .       -       .

Parent=Smp_126310.1;Name=b6b07a3c-4f92-4174-9d6c-2ded753953b2
SM_V9_ZSR       iris    exon    8076389 8076744 .       -       .

Parent=Smp_126310.1;Name=82290673-2c2d-4a2a-97c4-0e912f6fe281
SM_V9_ZSR       iris    exon    8076898 8077291 .       -       .
        Parent=Smp_126310.1;Name=30d927ac-6e09-4798-
a048-94ec854950ed
SM_V9_ZSR       iris    exon    8082824 8083202 .       -       .
        Parent=Smp_126310.1;Name=279286f9-202b-4621-
b8e2-49691c6dae20
SM_V9_ZSR       iris    exon    8095743 8095918 .       -       .

Parent=Smp_126310.1;Name=a23b9a1f-3660-4352-9242-6510137c23e9
SM_V9_ZSR       iris    exon    8097276 8097397 .       -       .
        Parent=Smp_126310.1;Name=efb79b47-
cf84-41a2-8a45-7dfc403941ea
SM_V9_ZSR       iris    exon    8101748 8101965 .       -       .
        Parent=Smp_126310.1;Name=c17cac4f-476d-4ab5-b21b-
e325c1f09123
SM_V9_ZSR       iris    exon    8104592 8104716 .       -       .
        Parent=Smp_126310.1;Name=85850427-657f-4641-83f0-
a832386bb32e
SM_V9_ZSR       iris    exon    8109694 8109759 .       -       .
        Parent=Smp_126310.1;Name=542463e7-a144-4f4d-
a162-0d4fa64a33b3
SM_V9_ZSR       iris    CDS     8072944 8073036 .       -       0
        Parent=Smp_126310.1
SM_V9_ZSR       iris    CDS     8076389 8076744 .       -       2
        Parent=Smp_126310.1
SM_V9_ZSR       iris    CDS     8076898 8077291 .       -       0
        Parent=Smp_126310.1
SM_V9_ZSR       iris    CDS     8082824 8083202 .       -       1
        Parent=Smp_126310.1
SM_V9_ZSR       iris    CDS     8095743 8095918 .       -       0
        Parent=Smp_126310.1
SM_V9_ZSR       iris    CDS     8097276 8097397 .       -       2
        Parent=Smp_126310.1
SM_V9_ZSR       iris    CDS     8101748 8101892 .       -       0
        Parent=Smp_126310.1
SM_V9_ZSR       iris    gene    8115473 8147265 .       +       .
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ID=Smp_126300;geneID=Smp_126300;gene_name=Smp_126300;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    8115473 8147265 .       +       .

ID=Smp_126300.1;Parent=Smp_126300;geneID=Smp_126300;gene_name=Smp_12
6300;owner=irisadmin@local.host;orig_id=Smp_126300.1;date_last_modif
ied=2022-08-20;Name=Smp_126300.1;product=Calcium-transporting ATPase
type 2C member 2;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    8115473 8115530 .       +       .
        Parent=Smp_126300.1;Name=4600c7c0-c32a-42b1-bcc0-
dbdf7b923e86
SM_V9_ZSR       iris    exon    8116437 8116525 .       +       .

Parent=Smp_126300.1;Name=9687a378-9eb7-4e5f-9ca5-517e64f44216
SM_V9_ZSR       iris    exon    8116567 8116664 .       +       .
        Parent=Smp_126300.1;Name=1177d8e0-2c4d-4674-
ba14-4ce0d567b13d
SM_V9_ZSR       iris    exon    8116707 8116913 .       +       .
        Parent=Smp_126300.1;Name=26da087a-87b5-4b9d-
ab52-354b9b9c519e
SM_V9_ZSR       iris    exon    8116961 8117058 .       +       .
        Parent=Smp_126300.1;Name=9b83a342-cb42-400c-90a8-
ab7b1da64688
SM_V9_ZSR       iris    exon    8124145 8124386 .       +       .
        Parent=Smp_126300.1;Name=5eeb35d2-7f0e-441a-
a145-2d4f3f5b5888
SM_V9_ZSR       iris    exon    8125145 8125314 .       +       .
        Parent=Smp_126300.1;Name=2c71ec93-0e70-442c-b569-
bdd8d7350e30
SM_V9_ZSR       iris    exon    8129778 8129920 .       +       .
        Parent=Smp_126300.1;Name=a3ff9761-
bd68-4a10-98be-7a650abe28da
SM_V9_ZSR       iris    exon    8130863 8130987 .       +       .
        Parent=Smp_126300.1;Name=c468d11d-e5ee-4ca8-
b7c3-674453407434
SM_V9_ZSR       iris    exon    8132786 8133147 .       +       .
        Parent=Smp_126300.1;Name=17ca0d2a-51e0-4476-9d38-
f7cc4154d7ae
SM_V9_ZSR       iris    exon    8134438 8134527 .       +       .
        Parent=Smp_126300.1;Name=346c4ca2-7efd-40eb-9c51-
da863613c504
SM_V9_ZSR       iris    exon    8135638 8135745 .       +       .
        Parent=Smp_126300.1;Name=1a676d14-5967-4260-
add1-431f09015d33
SM_V9_ZSR       iris    exon    8137128 8137533 .       +       .

Parent=Smp_126300.1;Name=a121f013-8b16-43c8-9740-7b680148f53c
SM_V9_ZSR       iris    exon    8139166 8139314 .       +       .
        Parent=Smp_126300.1;Name=0f4d047b-daa9-4161-
a997-528b63c4371b
SM_V9_ZSR       iris    exon    8141118 8141353 .       +       .

Parent=Smp_126300.1;Name=82bff671-6d79-4602-8bf1-0ad31fa15e40
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SM_V9_ZSR       iris    exon    8142603 8142747 .       +       .
        Parent=Smp_126300.1;Name=3744558f-ba7b-4711-
ba44-0feb8a7df403
SM_V9_ZSR       iris    exon    8143361 8143576 .       +       .
        Parent=Smp_126300.1;Name=6755bc5c-95dc-4872-
a9b4-11dc0154c2c1
SM_V9_ZSR       iris    exon    8145505 8145646 .       +       .
        Parent=Smp_126300.1;Name=98acae45-8a3e-48a3-
b438-42ce2be2daa1
SM_V9_ZSR       iris    exon    8146243 8147265 .       +       .
        Parent=Smp_126300.1;Name=6a88e09f-b065-4ae8-811b-
d09a1553fb3a
SM_V9_ZSR       iris    CDS     8116584 8116664 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8116707 8116913 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8116961 8117058 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8124145 8124386 .       +       1
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8125145 8125314 .       +       2
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8129778 8129920 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8130863 8130987 .       +       1
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8132786 8133147 .       +       2
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8134438 8134527 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8135638 8135745 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8137128 8137533 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8139166 8139314 .       +       2
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8141118 8141353 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8142603 8142747 .       +       1
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8143361 8143576 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8145505 8145646 .       +       0
        Parent=Smp_126300.1
SM_V9_ZSR       iris    CDS     8146243 8146400 .       +       2
        Parent=Smp_126300.1
SM_V9_ZSR       Liftoff gene    8154497 8180330 .       -       .
        ID=Smp_126290;geneID=Smp_126290
SM_V9_ZSR       Liftoff mRNA    8154497 8180330 .       -       .

ID=Smp_126290.1;Parent=Smp_126290;geneID=Smp_126290;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    8154497 8155725 .       -       .
        Parent=Smp_126290.1
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SM_V9_ZSR       Liftoff exon    8179036 8180330 .       -       .
        Parent=Smp_126290.1
SM_V9_ZSR       Liftoff CDS     8155273 8155725 .       -       0
        Parent=Smp_126290.1
SM_V9_ZSR       Liftoff CDS     8179036 8180265 .       -       0
        Parent=Smp_126290.1
SM_V9_ZSR       Liftoff gene    8203334 8204900 .       -       .
        ID=Smp_204060;geneID=Smp_204060
SM_V9_ZSR       Liftoff mRNA    8203334 8204900 .       -       .

ID=Smp_204060.1;Parent=Smp_204060;geneID=Smp_204060;product=Neuropep
tide FF receptor 1;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
SM_V9_ZSR       Liftoff exon    8203334 8204900 .       -       .
        Parent=Smp_204060.1
SM_V9_ZSR       Liftoff CDS     8203578 8204714 .       -       0
        Parent=Smp_204060.1
SM_V9_ZSR       Liftoff gene    8223894 8225135 .       +       .
        ID=Smp_007730;geneID=Smp_007730
SM_V9_ZSR       Liftoff mRNA    8223894 8225135 .       +       .

ID=Smp_007730.1;Parent=Smp_007730;geneID=Smp_007730;product=ER lumen
protein-retaining receptor;polypeptide_domain=InterPro:IPR000133
Pfam:PF00810;Ontology_term=GO:0006621,GO:0016021,GO:0046923
SM_V9_ZSR       Liftoff exon    8223894 8224042 .       +       .
        Parent=Smp_007730.1
SM_V9_ZSR       Liftoff exon    8224080 8224339 .       +       .
        Parent=Smp_007730.1
SM_V9_ZSR       Liftoff exon    8224376 8224628 .       +       .
        Parent=Smp_007730.1
SM_V9_ZSR       Liftoff exon    8224663 8225135 .       +       .
        Parent=Smp_007730.1
SM_V9_ZSR       Liftoff CDS     8223952 8224042 .       +       0
        Parent=Smp_007730.1
SM_V9_ZSR       Liftoff CDS     8224080 8224339 .       +       2
        Parent=Smp_007730.1
SM_V9_ZSR       Liftoff CDS     8224376 8224628 .       +       0
        Parent=Smp_007730.1
SM_V9_ZSR       Liftoff CDS     8224663 8224697 .       +       2
        Parent=Smp_007730.1
SM_V9_ZSR       iris    gene    8230430 8242170 .       -       .

ID=Smp_191870;geneID=Smp_191870;gene_name=Smp_191870;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    8230430 8242170 .       -       .

ID=Smp_191870.1;Parent=Smp_191870;geneID=Smp_191870;gene_name=Smp_19
1870;owner=irisadmin@local.host;orig_id=Smp_191870.1;date_last_modif
ied=2022-07-18;Name=Smp_191870.1;product=serine:threonine protein
kinase haspin;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8230430 8230969 .       -       .
        Parent=Smp_191870.1;Name=1f85994d-adc8-47bc-
b4d0-596801ffb8c4
SM_V9_ZSR       iris    exon    8233299 8233401 .       -       .
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        Parent=Smp_191870.1;Name=68cc246e-8833-4027-
adff-80e8004c981c
SM_V9_ZSR       iris    exon    8236228 8236459 .       -       .
        Parent=Smp_191870.1;Name=361d6bb4-2738-4dd3-
b27c-9b677cd8711d
SM_V9_ZSR       iris    exon    8240296 8240461 .       -       .
        Parent=Smp_191870.1;Name=8fd806f4-e28d-4013-9144-
a4fa99541c2c
SM_V9_ZSR       iris    exon    8240500 8240565 .       -       .
        Parent=Smp_191870.1;Name=682f5f49-
fd20-4234-8138-6c0109fd5a12
SM_V9_ZSR       iris    exon    8240601 8240765 .       -       .
        Parent=Smp_191870.1;Name=5582a01d-
ef38-4cf6-86b8-839822a3342e
SM_V9_ZSR       iris    exon    8240805 8240896 .       -       .
        Parent=Smp_191870.1;Name=a2dd0092-7bcf-44ea-ba30-
c4b192ee60d4
SM_V9_ZSR       iris    exon    8241188 8241892 .       -       .

Parent=Smp_191870.1;Name=ca58e12c-581b-42ff-8563-0d24a9f73920
SM_V9_ZSR       iris    exon    8241932 8241986 .       -       .
        Parent=Smp_191870.1;Name=62223d92-76af-4be3-
b50e-82c323f1893b
SM_V9_ZSR       iris    exon    8242063 8242170 .       -       .

Parent=Smp_191870.1;Name=d70be2a8-832a-40ff-9a08-106087b7a7f2
SM_V9_ZSR       iris    CDS     8230747 8230969 .       -       1
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8233299 8233401 .       -       2
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8236228 8236459 .       -       0
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8240296 8240461 .       -       1
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8240500 8240565 .       -       1
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8240601 8240765 .       -       1
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8240805 8240896 .       -       0
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8241188 8241892 .       -       0
        Parent=Smp_191870.1
SM_V9_ZSR       iris    CDS     8241932 8241949 .       -       0
        Parent=Smp_191870.1
SM_V9_ZSR       iris    gene    8250514 8317594 .       +       .

ID=Smp_007710;geneID=Smp_007710;gene_name=Smp_007710;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    8250514 8317594 .       +       .

ID=Smp_007710.1;Parent=Smp_007710;geneID=Smp_007710;gene_name=Smp_00
7710;owner=irisadmin@local.host;orig_id=Smp_007710.1;date_last_modif
ied=2022-07-09;Name=Smp_007710.1;product=Rapamycin-insensitive
companion of mTOR;date_creation=2022-07-09
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SM_V9_ZSR       iris    exon    8250514 8250837 .       +       .
        Parent=Smp_007710.1;Name=55b659e1-9656-4893-
a9e2-5a4e4ba7599a
SM_V9_ZSR       iris    exon    8255133 8255180 .       +       .
        Parent=Smp_007710.1;Name=f9bcc177-fdf8-4a27-ac31-
d356b0d97d00
SM_V9_ZSR       iris    exon    8258986 8259205 .       +       .
        Parent=Smp_007710.1;Name=bf3a0e30-71a4-471d-a745-
a8460c914107
SM_V9_ZSR       iris    exon    8263888 8264019 .       +       .
        Parent=Smp_007710.1;Name=b61a1588-0ea8-4e33-
a774-07d577712659
SM_V9_ZSR       iris    exon    8264302 8264546 .       +       .
        Parent=Smp_007710.1;Name=b619570e-9321-4cb0-abe7-
b1905facd323
SM_V9_ZSR       iris    exon    8268896 8269315 .       +       .
        Parent=Smp_007710.1;Name=f2cd0289-
acb3-4b92-9c95-8f53ba1459cb
SM_V9_ZSR       iris    exon    8271279 8271709 .       +       .
        Parent=Smp_007710.1;Name=a2e996ae-
a7b5-4098-84b0-55afcce864b4
SM_V9_ZSR       iris    exon    8274574 8274638 .       +       .
        Parent=Smp_007710.1;Name=7f3fe81b-
f67c-4cee-99c9-84117bb53d89
SM_V9_ZSR       iris    exon    8275440 8275501 .       +       .
        Parent=Smp_007710.1;Name=eb57473d-0411-47a3-
a41e-4ed24ce4fe23
SM_V9_ZSR       iris    exon    8278494 8278576 .       +       .
        Parent=Smp_007710.1;Name=e399c197-5b86-45d3-bcd3-
fad95a1ce921
SM_V9_ZSR       iris    exon    8280069 8280485 .       +       .
        Parent=Smp_007710.1;Name=8c1f5da9-18c2-4483-8100-
a739eac02634
SM_V9_ZSR       iris    exon    8281997 8282077 .       +       .
        Parent=Smp_007710.1;Name=f0baa1c8-4ff6-473e-a530-
b65423504287
SM_V9_ZSR       iris    exon    8282930 8283202 .       +       .
        Parent=Smp_007710.1;Name=ebba6049-e15f-4631-
a0b8-98211550e2a8
SM_V9_ZSR       iris    exon    8284938 8285149 .       +       .
        Parent=Smp_007710.1;Name=5dc041fd-0331-468f-99fb-
e686bfc4c197
SM_V9_ZSR       iris    exon    8286269 8286725 .       +       .
        Parent=Smp_007710.1;Name=606b4a01-882f-4971-
a6f4-5f0f9b8ca4cb
SM_V9_ZSR       iris    exon    8288172 8288699 .       +       .

Parent=Smp_007710.1;Name=91b93e7b-2cd2-4b77-80d5-40b4e3e2d102
SM_V9_ZSR       iris    exon    8289610 8289756 .       +       .
        Parent=Smp_007710.1;Name=ba7f9160-0038-4dfc-a7be-
fd597cfdae4e
SM_V9_ZSR       iris    exon    8291672 8292073 .       +       .
        Parent=Smp_007710.1;Name=2d54b150-4c17-4a0b-a6ce-
e259603758c7
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SM_V9_ZSR	iris	exon	8299480	8299911	.	+	.
	Parent=Smp_007710.1;Name=aca027ec-
b0d9-4dcf-9333-6c51fb73736b
SM_V9_ZSR	iris	exon	8300274	8300503	.	+	.
	Parent=Smp_007710.1;Name=5672c506-e262-49d0-aa7f-
ecc4526214e4
SM_V9_ZSR	iris	exon	8301509	8301840	.	+	.
	Parent=Smp_007710.1;Name=e6a069b4-0588-403c-
aa17-5772b5e3096b
SM_V9_ZSR	iris	exon	8303076	8303409	.	+	.

Parent=Smp_007710.1;Name=a8a07886-2dbe-4416-895c-5d06a37139e3
SM_V9_ZSR	iris	exon	8308743	8309471	.	+	.
	Parent=Smp_007710.1;Name=81fb2655-9cc0-47b4-8415-
bd48f6211061
SM_V9_ZSR	iris	exon	8311371	8311732	.	+	.
	Parent=Smp_007710.1;Name=2c18bb5d-4f49-4bac-b102-
e3d72ab2c0ad
SM_V9_ZSR	iris	exon	8313248	8313546	.	+	.
	Parent=Smp_007710.1;Name=d3fee2de-46e5-45f6-
b8ab-027fb3efa6fe
SM_V9_ZSR	iris	exon	8316251	8317594	.	+	.
	Parent=Smp_007710.1;Name=9c925a8b-
a02c-460d-8151-4fe3d1ed84ea
SM_V9_ZSR	iris	CDS	8250786	8250837	.	+	0
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8255133	8255180	.	+	2
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8258986	8259205	.	+	2
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8263888	8264019	.	+	1
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8264302	8264546	.	+	1
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8268896	8269315	.	+	2
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8271279	8271709	.	+	2
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8274574	8274638	.	+	0
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8275440	8275501	.	+	1
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8278494	8278576	.	+	2
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8280069	8280485	.	+	0
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8281997	8282077	.	+	0
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8282930	8283202	.	+	0
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8284938	8285149	.	+	0
	Parent=Smp_007710.1
SM_V9_ZSR	iris	CDS	8286269	8286725	.	+	1
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SM_V9_ZSR       iris    CDS     8288172 8288699 .       +       0
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SM_V9_ZSR       iris    CDS     8289610 8289756 .       +       0
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8291672 8292073 .       +       0
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8299480 8299911 .       +       0
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8300274 8300503 .       +       0
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8301509 8301840 .       +       1
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8303076 8303409 .       +       2
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8308743 8309471 .       +       1
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8311371 8311732 .       +       1
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8313248 8313546 .       +       2
        Parent=Smp_007710.1
SM_V9_ZSR       iris    CDS     8316251 8316325 .       +       0
        Parent=Smp_007710.1
SM_V9_ZSR       iris    gene    8321082 8342570 .       -       .

ID=Smp_007690;geneID=Smp_007690;gene_name=Smp_007690;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    8321082 8342570 .       -       .

ID=Smp_007690.1;Parent=Smp_007690;geneID=Smp_007690;gene_name=Smp_00
7690;owner=irisadmin@local.host;orig_id=Smp_007690.1;date_last_modif
ied=2022-09-30;Name=Smp_007690.1;product=Tyrosine 3-
monooxygenase;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    8321082 8321329 .       -       .
        Parent=Smp_007690.1;Name=6f106749-
b80c-42ed-8f3a-8e970dda7b90
SM_V9_ZSR       iris    exon    8325113 8325342 .       -       .
        Parent=Smp_007690.1;Name=c4a3aed8-4dbb-4d82-ad12-
d8a4368951be
SM_V9_ZSR       iris    exon    8328896 8329022 .       -       .

Parent=Smp_007690.1;Name=dd1533d5-6e3a-4efe-9c7e-0abd2f518c62
SM_V9_ZSR       iris    exon    8330095 8330230 .       -       .
        Parent=Smp_007690.1;Name=fc5eed0b-7a05-4573-99af-
cfb3f6de5202
SM_V9_ZSR       iris    exon    8331415 8331560 .       -       .

Parent=Smp_007690.1;Name=9bccc7bd-8fee-4362-82b9-7ab6fdfa49f0
SM_V9_ZSR       iris    exon    8334625 8334675 .       -       .
        Parent=Smp_007690.1;Name=0851313a-311b-453f-b624-
c7af6beabc9a
SM_V9_ZSR       iris    exon    8336863 8336930 .       -       .

Parent=Smp_007690.1;Name=1188d49c-3d44-433a-98bc-0cb4eb2b5090
SM_V9_ZSR       iris    exon    8339101 8339186 .       -       .
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        Parent=Smp_007690.1;Name=547127b6-8e2b-4a60-b7e6-
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SM_V9_ZSR       iris    exon    8340224 8340410 .       -       .
        Parent=Smp_007690.1;Name=ce72a56a-
bb8d-4969-8bb4-2c1c0ddb73be
SM_V9_ZSR       iris    exon    8341098 8341225 .       -       .

Parent=Smp_007690.1;Name=93410305-5911-484f-8e47-0bcb13ba06d5
SM_V9_ZSR       iris    exon    8341268 8341339 .       -       .
        Parent=Smp_007690.1;Name=c2e65ae6-
c9b9-4aa2-8d23-28705c6f002c
SM_V9_ZSR       iris    exon    8342542 8342570 .       -       .
        Parent=Smp_007690.1;Name=0e21505c-8b47-4099-
a4eb-0b3a4c70799d
SM_V9_ZSR       iris    CDS     8321158 8321329 .       -       1
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8325113 8325342 .       -       0
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8328896 8329022 .       -       1
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8330095 8330230 .       -       2
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8331415 8331560 .       -       1
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8334625 8334675 .       -       1
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8336863 8336930 .       -       0
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8339101 8339186 .       -       2
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8340224 8340410 .       -       0
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8341098 8341225 .       -       2
        Parent=Smp_007690.1
SM_V9_ZSR       iris    CDS     8341268 8341334 .       -       0
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SM_V9_ZSR       iris    gene    8362447 8366571 .       -       .

ID=Smp_007670;geneID=Smp_007670;gene_name=Smp_007670;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    8362447 8366571 .       -       .

ID=Smp_007670.1;Parent=Smp_007670;geneID=Smp_007670;gene_name=Smp_00
7670;owner=irisadmin@local.host;orig_id=Smp_007670.1;date_last_modif
ied=2022-07-18;Name=Smp_007670.1;product=Inversin-
A;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8362447 8366571 .       -       .
        Parent=Smp_007670.1;Name=e956bd05-53ec-429c-b0f5-
af13dfd20640
SM_V9_ZSR       iris    CDS     8363172 8366213 .       -       0
        Parent=Smp_007670.1
SM_V9_ZSR       iris    gene    8378599 8391258 .       -       .

ID=Smp_007660;geneID=Smp_007660;gene_name=Smp_007660;owner=irisadmin
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@local.host;date_last_modified=2022-09-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    8378599 8391258 .       -       .

ID=Smp_007660.1;Parent=Smp_007660;geneID=Smp_007660;gene_name=Smp_00
7660;owner=irisadmin@local.host;orig_id=Smp_007660.2;date_last_modif
ied=2022-09-30;Name=Smp_007660.1;product=Transcription elongation
factor A protein 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8378599 8379280 .       -       .
        Parent=Smp_007660.1;Name=03b77986-789f-4807-
a91b-4356738ef5c9
SM_V9_ZSR       iris    exon    8380631 8380702 .       -       .

Parent=Smp_007660.1;Name=c38ef314-3850-4ce7-89b4-3352ae757c98
SM_V9_ZSR       iris    exon    8381697 8381843 .       -       .
        Parent=Smp_007660.1;Name=0f4c6965-61e0-4dde-9495-
c2b47c5c61df
SM_V9_ZSR       iris    exon    8388447 8388655 .       -       .
        Parent=Smp_007660.1;Name=9cf3c165-be9c-4e81-
a7c0-914d39a67ba4
SM_V9_ZSR       iris    exon    8388697 8388978 .       -       .
        Parent=Smp_007660.1;Name=e622b3fe-130a-4a30-
b746-354e3d3bf8f6
SM_V9_ZSR       iris    exon    8390656 8390833 .       -       .
        Parent=Smp_007660.1;Name=ae812311-2b03-406e-
a507-2869b615eda4
SM_V9_ZSR       iris    exon    8390872 8391061 .       -       .

Parent=Smp_007660.1;Name=456977a3-3b14-4075-94fd-540b480bee7d
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        Parent=Smp_007660.1;Name=5fed0c3c-
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SM_V9_ZSR       iris    CDS     8380631 8380702 .       -       0
        Parent=Smp_007660.1
SM_V9_ZSR       iris    CDS     8381697 8381843 .       -       0
        Parent=Smp_007660.1
SM_V9_ZSR       iris    CDS     8388447 8388655 .       -       2
        Parent=Smp_007660.1
SM_V9_ZSR       iris    CDS     8388697 8388978 .       -       2
        Parent=Smp_007660.1
SM_V9_ZSR       iris    CDS     8390656 8390833 .       -       0
        Parent=Smp_007660.1
SM_V9_ZSR       iris    CDS     8390872 8390931 .       -       0
        Parent=Smp_007660.1
SM_V9_ZSR       iris    mRNA    8379435 8391258 .       -       .

ID=Smp_007660.2;Parent=Smp_007660;geneID=Smp_007660;gene_name=Smp_00
7660;owner=irisadmin@local.host;date_last_modified=2022-09-30;Name=S
mp_007660.2;product=Transcription elongation factor A protein
1;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    8379435 8379685 .       -       .

Parent=Smp_007660.2;Name=840ed71b-0ac1-4693-8a02-0b11bf378e27
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SM_V9_ZSR       iris    exon    8380631 8380702 .       -       .
        Parent=Smp_007660.2;Name=f82cc654-da56-4132-880f-
bd1a0affc6da
SM_V9_ZSR       iris    exon    8381697 8381843 .       -       .
        Parent=Smp_007660.2;Name=47fad420-2a82-46e5-881a-
a04304ad51f5
SM_V9_ZSR       iris    exon    8388447 8388655 .       -       .
        Parent=Smp_007660.2;Name=e1ddb4b7-d9ce-44ab-
ab01-0355a4839c9c
SM_V9_ZSR       iris    exon    8388697 8388978 .       -       .
        Parent=Smp_007660.2;Name=f3287d26-d862-4d7d-a5eb-
f5c90e4035dd
SM_V9_ZSR       iris    exon    8390656 8390833 .       -       .
        Parent=Smp_007660.2;Name=1f6dea4a-ebc5-4478-
b68d-6654567b3530
SM_V9_ZSR       iris    exon    8390872 8391061 .       -       .
        Parent=Smp_007660.2;Name=6451d675-4584-499c-9e03-
d7bac2d18eb6
SM_V9_ZSR       iris    exon    8391110 8391258 .       -       .
        Parent=Smp_007660.2;Name=e1718a35-125d-4fa9-820d-
a90fa42eb35e
SM_V9_ZSR       iris    CDS     8379608 8379685 .       -       0
        Parent=Smp_007660.2
SM_V9_ZSR       iris    CDS     8380631 8380702 .       -       0
        Parent=Smp_007660.2
SM_V9_ZSR       iris    CDS     8381697 8381843 .       -       0
        Parent=Smp_007660.2
SM_V9_ZSR       iris    CDS     8388447 8388655 .       -       2
        Parent=Smp_007660.2
SM_V9_ZSR       iris    CDS     8388697 8388978 .       -       2
        Parent=Smp_007660.2
SM_V9_ZSR       iris    CDS     8390656 8390833 .       -       0
        Parent=Smp_007660.2
SM_V9_ZSR       iris    CDS     8390872 8390931 .       -       0
        Parent=Smp_007660.2
SM_V9_ZSR       iris    gene    8407507 8455509 .       +       .

ID=Smp_007650;geneID=Smp_007650;gene_name=Smp_007650;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    8407507 8455509 .       +       .

ID=Smp_007650.1;Parent=Smp_007650;geneID=Smp_007650;gene_name=Smp_00
7650;owner=irisadmin@local.host;orig_id=Smp_007650.1;date_last_modif
ied=2022-07-19;Name=Smp_007650.1;product=Glycogen debranching
enzyme;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    8407507 8407718 .       +       .
        Parent=Smp_007650.1;Name=e90afb96-7d49-4b37-9785-
e70c71aa0296
SM_V9_ZSR       iris    exon    8407756 8408246 .       +       .

Parent=Smp_007650.1;Name=c7e5e2f7-1443-4214-8cd4-2b446ac1a05e
SM_V9_ZSR       iris    exon    8409159 8409624 .       +       .
        Parent=Smp_007650.1;Name=c039fa81-30ed-4d29-b6cf-
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SM_V9_ZSR	iris	exon	8413538	8413892	.	+	.
	Parent=Smp_007650.1;Name=9b1c4692-fae4-464c-
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SM_V9_ZSR	iris	exon	8415760	8415957	.	+	.
	Parent=Smp_007650.1;Name=3f594d52-8404-476e-b485-
f0a0e1864881
SM_V9_ZSR	iris	exon	8417284	8417537	.	+	.
	Parent=Smp_007650.1;Name=e8567f07-03b0-449a-8aaa-
d78991820f46
SM_V9_ZSR	iris	exon	8421331	8421749	.	+	.
	Parent=Smp_007650.1;Name=c30929c2-a5b0-468a-8546-
a33c3c120e89
SM_V9_ZSR	iris	exon	8422621	8422842	.	+	.
	Parent=Smp_007650.1;Name=067bddb5-63e0-427a-
aaf2-4e1730aac498
SM_V9_ZSR	iris	exon	8425540	8425764	.	+	.
	Parent=Smp_007650.1;Name=b7892df2-
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SM_V9_ZSR	iris	exon	8428356	8428613	.	+	.
	Parent=Smp_007650.1;Name=0a91712f-b4e0-4ec2-967d-
d408318e45b8
SM_V9_ZSR	iris	exon	8441810	8442193	.	+	.
	Parent=Smp_007650.1;Name=071f1346-30b6-4ef2-
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SM_V9_ZSR	iris	exon	8444153	8444428	.	+	.
	Parent=Smp_007650.1;Name=d82f2e82-2f72-4508-
a8de-76758b1b18e2
SM_V9_ZSR	iris	exon	8449354	8449767	.	+	.

Parent=Smp_007650.1;Name=08639499-51b0-4384-84ed-2193799c22a0
SM_V9_ZSR	iris	exon	8450076	8450519	.	+	.
	Parent=Smp_007650.1;Name=ddce90d1-5696-4958-
ad8e-1a7b3c711880
SM_V9_ZSR	iris	exon	8452497	8452676	.	+	.
	Parent=Smp_007650.1;Name=f3f3db42-beb3-4773-
b845-345803ea571d
SM_V9_ZSR	iris	exon	8453799	8454005	.	+	.
	Parent=Smp_007650.1;Name=e66815a5-e8b7-41f3-
b73e-2e80725f23bd
SM_V9_ZSR	iris	exon	8455182	8455509	.	+	.
	Parent=Smp_007650.1;Name=254e2e27-9137-4aaa-aeb6-
a3cf1a093814
SM_V9_ZSR	iris	CDS	8407643	8407718	.	+	0
	Parent=Smp_007650.1
SM_V9_ZSR	iris	CDS	8407756	8408246	.	+	2
	Parent=Smp_007650.1
SM_V9_ZSR	iris	CDS	8409159	8409624	.	+	0
	Parent=Smp_007650.1
SM_V9_ZSR	iris	CDS	8413538	8413892	.	+	2
	Parent=Smp_007650.1
SM_V9_ZSR	iris	CDS	8415760	8415957	.	+	1
	Parent=Smp_007650.1
SM_V9_ZSR	iris	CDS	8417284	8417537	.	+	1
	Parent=Smp_007650.1
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SM_V9_ZSR       iris    CDS     8421331 8421749 .       +       2
        Parent=Smp_007650.1
SM_V9_ZSR       iris    CDS     8422621 8422842 .       +       0
        Parent=Smp_007650.1
SM_V9_ZSR       iris    CDS     8425540 8425764 .       +       0
        Parent=Smp_007650.1
SM_V9_ZSR       iris    CDS     8428356 8428613 .       +       0
        Parent=Smp_007650.1
SM_V9_ZSR       iris    CDS     8441810 8442193 .       +       0
        Parent=Smp_007650.1
SM_V9_ZSR       iris    CDS     8444153 8444428 .       +       0
        Parent=Smp_007650.1
SM_V9_ZSR       iris    CDS     8449354 8449767 .       +       0
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SM_V9_ZSR       iris    CDS     8452497 8452676 .       +       0
        Parent=Smp_007650.1
SM_V9_ZSR       iris    CDS     8453799 8454005 .       +       0
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SM_V9_ZSR       iris    gene    8460692 8463301 .       -       .

ID=Smp_007630;geneID=Smp_007630;gene_name=Smp_007630;owner=mb4@sange
r.ac.uk,irisadmin@local.host;date_last_modified=2022-10-25;date_crea
tion=2022-06-30
SM_V9_ZSR       iris    mRNA    8460692 8463301 .       -       .

ID=Smp_007630.1;Parent=Smp_007630;geneID=Smp_007630;gene_name=Smp_00
7630;owner=irisadmin@local.host;orig_id=Smp_007630.2;date_last_modif
ied=2022-06-30;Name=Smp_007630.1;product=Polyadenylate-binding
protein 2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8460692 8461046 .       -       .
        Parent=Smp_007630.1;Name=c4112090-7ba4-4033-
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SM_V9_ZSR       iris    exon    8461126 8461460 .       -       .
        Parent=Smp_007630.1;Name=e98553af-280e-4c3a-
ad5c-3ef3efa481c2
SM_V9_ZSR       iris    exon    8461494 8461564 .       -       .
        Parent=Smp_007630.1;Name=d2221624-fcea-4aa1-
b88b-6c9b3ea347c6
SM_V9_ZSR       iris    exon    8463024 8463120 .       -       .
        Parent=Smp_007630.1;Name=f38cc199-
ab8f-452c-9b59-949fe9c183e9
SM_V9_ZSR       iris    exon    8463155 8463301 .       -       .
        Parent=Smp_007630.1;Name=70ad97df-0411-41d2-812a-
f5b27d609d81
SM_V9_ZSR       iris    CDS     8461013 8461046 .       -       1
        Parent=Smp_007630.1
SM_V9_ZSR       iris    CDS     8461126 8461460 .       -       0
        Parent=Smp_007630.1
SM_V9_ZSR       iris    CDS     8461494 8461564 .       -       2
        Parent=Smp_007630.1
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SM_V9_ZSR       iris    CDS     8463024 8463120 .       -       0
        Parent=Smp_007630.1
SM_V9_ZSR       iris    CDS     8463155 8463262 .       -       0
        Parent=Smp_007630.1
SM_V9_ZSR       iris    mRNA    8460692 8463301 .       -       .

ID=Smp_007630.2;Parent=Smp_007630;geneID=Smp_007630;gene_name=Smp_00
7630;owner=irisadmin@local.host;orig_id=Smp_007630.1;date_last_modif
ied=2022-06-30;Name=Smp_007630.2;product=Polyadenylate-binding
protein 2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8460692 8461046 .       -       .
        Parent=Smp_007630.2;Name=0c35a11a-3a5a-4bfe-
b17e-7f9bcab58cbd
SM_V9_ZSR       iris    exon    8461126 8461460 .       -       .
        Parent=Smp_007630.2;Name=211a8356-f3f2-4bc9-
aaea-879c620cb1f9
SM_V9_ZSR       iris    exon    8461494 8461591 .       -       .
        Parent=Smp_007630.2;Name=40869deb-9a22-4c4f-8daf-
c2cc0c68c95b
SM_V9_ZSR       iris    exon    8463024 8463120 .       -       .
        Parent=Smp_007630.2;Name=9c7d57e5-2395-4373-
accd-684a2b57b549
SM_V9_ZSR       iris    exon    8463155 8463301 .       -       .
        Parent=Smp_007630.2;Name=e09cc64e-a5fd-49a9-
bd42-0fcaae858af0
SM_V9_ZSR       iris    CDS     8461013 8461046 .       -       1
        Parent=Smp_007630.2
SM_V9_ZSR       iris    CDS     8461126 8461460 .       -       0
        Parent=Smp_007630.2
SM_V9_ZSR       iris    CDS     8461494 8461591 .       -       2
        Parent=Smp_007630.2
SM_V9_ZSR       iris    CDS     8463024 8463120 .       -       0
        Parent=Smp_007630.2
SM_V9_ZSR       iris    CDS     8463155 8463262 .       -       0
        Parent=Smp_007630.2
SM_V9_ZSR       iris    gene    8484697 8552607 .       +       .

ID=Smp_126260;geneID=Smp_126260;gene_name=Smp_126260;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    8484697 8552607 .       +       .

ID=Smp_126260.1;Parent=Smp_126260;geneID=Smp_126260;gene_name=Smp_12
6260;owner=irisadmin@local.host;orig_id=Smp_126260.1;date_last_modif
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phosphatase 2B catalytic subunit alpha
isoform;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    8484697 8484879 .       +       .
        Parent=Smp_126260.1;Name=ad4253ab-8244-4c06-9f47-
ea9ff4beff6a
SM_V9_ZSR       iris    exon    8489828 8490028 .       +       .
        Parent=Smp_126260.1;Name=4633acf3-fa23-496f-
b3d7-3d127a10414e
SM_V9_ZSR       iris    exon    8492338 8492462 .       +       .
        Parent=Smp_126260.1;Name=6f996f3a-24bb-4974-99b1-
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de293d5bf33d
SM_V9_ZSR       iris    exon    8506657 8506768 .       +       .
        Parent=Smp_126260.1;Name=973207b2-5ae2-48e9-
b488-76cc91bcdc3a
SM_V9_ZSR       iris    exon    8524289 8524434 .       +       .
        Parent=Smp_126260.1;Name=e3d97191-f081-4d3c-
a4d3-925a1bf6fa47
SM_V9_ZSR       iris    exon    8531746 8531885 .       +       .
        Parent=Smp_126260.1;Name=3fa436d2-2dd4-45bb-
a71f-705f72e695cf
SM_V9_ZSR       iris    exon    8537672 8537749 .       +       .
        Parent=Smp_126260.1;Name=10778f00-e083-4031-82cc-
d59da8901ad6
SM_V9_ZSR       iris    exon    8539762 8539856 .       +       .

Parent=Smp_126260.1;Name=9881580e-51a5-4bf6-956c-3609916abe9d
SM_V9_ZSR       iris    exon    8541761 8541886 .       +       .
        Parent=Smp_126260.1;Name=565cdde1-242c-4ecb-
a3b6-9b9cff0c91c7
SM_V9_ZSR       iris    exon    8544138 8544215 .       +       .
        Parent=Smp_126260.1;Name=a85da376-fd75-451c-
bcfe-398e1a6c98d7
SM_V9_ZSR       iris    exon    8545606 8545690 .       +       .
        Parent=Smp_126260.1;Name=73d339c9-f36d-466e-
a7c9-34a0c541f143
SM_V9_ZSR       iris    exon    8548048 8548145 .       +       .
        Parent=Smp_126260.1;Name=d49683df-d916-40fd-
b5d0-7d065626bc49
SM_V9_ZSR       iris    exon    8548285 8552607 .       +       .
        Parent=Smp_126260.1;Name=4b905c94-af0c-4fd6-
a162-6e8d87ce2ae6
SM_V9_ZSR       iris    CDS     8484825 8484879 .       +       0
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8489828 8490028 .       +       2
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8492338 8492462 .       +       2
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8506657 8506768 .       +       0
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8524289 8524434 .       +       2
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8531746 8531885 .       +       0
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SM_V9_ZSR       iris    CDS     8537672 8537749 .       +       1
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8539762 8539856 .       +       1
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8541761 8541886 .       +       2
        Parent=Smp_126260.1
SM_V9_ZSR       iris    CDS     8544138 8544215 .       +       2
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SM_V9_ZSR       iris    CDS     8545606 8545690 .       +       2
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SM_V9_ZSR       iris    CDS     8548048 8548145 .       +       1
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SM_V9_ZSR       iris    CDS     8548285 8548745 .       +       2
        Parent=Smp_126260.1
SM_V9_ZSR       iris    gene    8598100 8635554 .       -       .

ID=Smp_134450;geneID=Smp_134450;gene_name=Smp_134450;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    8598100 8635554 .       -       .

ID=Smp_134450.1;Parent=Smp_134450;geneID=Smp_134450;gene_name=Smp_13
4450;owner=irisadmin@local.host;orig_id=Smp_134450.1;date_last_modif
ied=2022-07-09;Name=Smp_134450.1;product=von Willebrand factor A
domain-containing protein 3A;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    8598100 8598737 .       -       .
        Parent=Smp_134450.1;Name=7ce74ee8-c93e-41c5-
b35e-6a84851bf904
SM_V9_ZSR       iris    exon    8607523 8607590 .       -       .
        Parent=Smp_134450.1;Name=26668f81-
c026-4d1d-8122-01bb33ef9720
SM_V9_ZSR       iris    exon    8610940 8611132 .       -       .
        Parent=Smp_134450.1;Name=d7736362-7db5-4bcb-979d-
d29293be300c
SM_V9_ZSR       iris    exon    8617025 8617169 .       -       .
        Parent=Smp_134450.1;Name=c38f2495-9a42-420b-acc9-
ae3d739ef40c
SM_V9_ZSR       iris    exon    8622591 8622818 .       -       .
        Parent=Smp_134450.1;Name=77a67fc2-aab8-4353-8427-
d678ca526a03
SM_V9_ZSR       iris    exon    8625539 8626174 .       -       .
        Parent=Smp_134450.1;Name=3febb763-9f1d-41c4-8501-
c40c36da5df1
SM_V9_ZSR       iris    exon    8628601 8628865 .       -       .

Parent=Smp_134450.1;Name=f2a33c27-7fbc-4e26-94aa-99899c6956f3
SM_V9_ZSR       iris    exon    8629341 8629491 .       -       .

Parent=Smp_134450.1;Name=07544a57-3482-4850-8ba0-0d9824c0e861
SM_V9_ZSR       iris    exon    8630155 8630470 .       -       .

Parent=Smp_134450.1;Name=def7fee5-97b9-4602-8793-6cba4591e3b1
SM_V9_ZSR       iris    exon    8634390 8634753 .       -       .
        Parent=Smp_134450.1;Name=add11b1b-1764-48c3-
a516-80fb1f438ce3
SM_V9_ZSR       iris    exon    8634801 8634980 .       -       .

Parent=Smp_134450.1;Name=017ef723-7103-448a-8a5d-4bb8b914904a
SM_V9_ZSR       iris    exon    8635018 8635344 .       -       .
        Parent=Smp_134450.1;Name=45cd5b51-3628-43f4-8434-
e2ffcda3eb5c
SM_V9_ZSR       iris    exon    8635411 8635554 .       -       .
        Parent=Smp_134450.1;Name=f16690e1-151e-49a2-
a43c-5f21779550b0
SM_V9_ZSR       iris    CDS     8607558 8607590 .       -       0
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SM_V9_ZSR       iris    CDS     8610940 8611132 .       -       1
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SM_V9_ZSR       iris    CDS     8617025 8617169 .       -       2
        Parent=Smp_134450.1
SM_V9_ZSR       iris    CDS     8622591 8622818 .       -       2
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SM_V9_ZSR       iris    CDS     8625539 8626174 .       -       2
        Parent=Smp_134450.1
SM_V9_ZSR       iris    CDS     8628601 8628865 .       -       0
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        Parent=Smp_134450.1
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SM_V9_ZSR       iris    CDS     8634390 8634753 .       -       0
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SM_V9_ZSR       iris    CDS     8634801 8634980 .       -       0
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SM_V9_ZSR       iris    CDS     8635018 8635245 .       -       0
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SM_V9_ZSR       Liftoff gene    8643064 8661721 .       +       .
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SM_V9_ZSR       Liftoff mRNA    8643064 8661721 .       +       .

ID=Smp_134440.1;Parent=Smp_134440;geneID=Smp_134440;product=NADP-
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enzyme;polypeptide_domain=InterPro:IPR001891,IPR012301,IPR012302,IPR
016040
Pfam:PF00390,PF03949;Ontology_term=GO:0004470,GO:0004471,GO:0051287,
GO:0055114
SM_V9_ZSR       Liftoff exon    8643064 8643874 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8643907 8644092 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8644124 8644221 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8644251 8644326 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8644367 8644540 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8648400 8648491 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8648536 8648645 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8650156 8650253 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8651074 8651187 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8656326 8656431 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8657517 8657659 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff exon    8658431 8658604 .       +       .
        Parent=Smp_134440.1
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SM_V9_ZSR       Liftoff exon    8661255 8661721 .       +       .
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8643782 8643874 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8643907 8644092 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8644124 8644221 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8644251 8644326 .       +       1
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8644367 8644540 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8648400 8648491 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8648536 8648645 .       +       1
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8650156 8650253 .       +       2
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8651074 8651187 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8656326 8656431 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8657517 8657659 .       +       2
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8658431 8658604 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff CDS     8661255 8661485 .       +       0
        Parent=Smp_134440.1
SM_V9_ZSR       Liftoff gene    8673059 8674344 .       +       .
        ID=Smp_203410;geneID=Smp_203410
SM_V9_ZSR       Liftoff mRNA    8673059 8674344 .       +       .

ID=Smp_203410.1;Parent=Smp_203410;geneID=Smp_203410;product=Cyclin
N-terminal domain-containing protein
1;polypeptide_domain=InterPro:IPR013763
SM_V9_ZSR       Liftoff exon    8673059 8673507 .       +       .
        Parent=Smp_203410.1
SM_V9_ZSR       Liftoff exon    8673509 8674344 .       +       .
        Parent=Smp_203410.1
SM_V9_ZSR       Liftoff CDS     8673115 8673507 .       +       0
        Parent=Smp_203410.1
SM_V9_ZSR       Liftoff CDS     8673509 8673904 .       +       0
        Parent=Smp_203410.1
SM_V9_ZSR       iris    gene    8729678 8743245 .       -       .

ID=Smp_241480;geneID=Smp_241480;gene_name=Smp_241480;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    8729678 8743245 .       -       .

ID=Smp_241480.1;Parent=Smp_241480;geneID=Smp_241480;gene_name=Smp_24
1480;owner=irisadmin@local.host;orig_id=Smp_241480.1;date_last_modif
ied=2022-07-09;Name=Smp_241480.1;product=Iroquois-class homeodomain
protein IRX-1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    8729678 8730280 .       -       .
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Parent=Smp_241480.1;Name=ae2217e9-6925-4abc-9e4e-9db61447dfa7
SM_V9_ZSR       iris    exon    8732406 8732600 .       -       .
        Parent=Smp_241480.1;Name=71642ffd-45ac-460e-aeeb-
ad9ab9b67fc7
SM_V9_ZSR       iris    exon    8733318 8734820 .       -       .
        Parent=Smp_241480.1;Name=04d97b07-
d7cb-42e6-91bb-029df03b3dc0
SM_V9_ZSR       iris    exon    8735961 8736049 .       -       .
        Parent=Smp_241480.1;Name=98ff15a3-0a3e-4534-
a45c-29e811eb4d05
SM_V9_ZSR       iris    exon    8738046 8739296 .       -       .

Parent=Smp_241480.1;Name=99f9bb88-7c8b-438d-89e7-8031f76f87a7
SM_V9_ZSR       iris    exon    8742666 8743245 .       -       .

Parent=Smp_241480.1;Name=8283bf61-85d1-4c0d-95eb-4d6476b9dd86
SM_V9_ZSR       iris    CDS     8733380 8734820 .       -       1
        Parent=Smp_241480.1
SM_V9_ZSR       iris    CDS     8735961 8736049 .       -       0
        Parent=Smp_241480.1
SM_V9_ZSR       iris    CDS     8738046 8739296 .       -       0
        Parent=Smp_241480.1
SM_V9_ZSR       iris    CDS     8742666 8742677 .       -       0
        Parent=Smp_241480.1
SM_V9_ZSR       iris    gene    8746018 8831981 .       -       .

ID=Smp_241470;geneID=Smp_241470;gene_name=Smp_241470;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    8746018 8831981 .       -       .

ID=Smp_241470.1;Parent=Smp_241470;geneID=Smp_241470;gene_name=Smp_24
1470;owner=irisadmin@local.host;orig_id=Smp_241470.1;date_last_modif
ied=2022-07-18;Name=Smp_241470.1;product=putative tolloid 1
protein;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8746018 8747874 .       -       .
        Parent=Smp_241470.1;Name=fab3bdfd-0c7c-47c7-87f1-
eba2fa571777
SM_V9_ZSR       iris    exon    8754357 8754429 .       -       .
        Parent=Smp_241470.1;Name=331f2e82-058d-44d5-9a2b-
bffd10c83215
SM_V9_ZSR       iris    exon    8756300 8756480 .       -       .
        Parent=Smp_241470.1;Name=aeb47aac-1ec6-4738-aec9-
fdcc7691f3b3
SM_V9_ZSR       iris    exon    8758003 8758216 .       -       .

Parent=Smp_241470.1;Name=ecc6223c-41d5-4871-824a-72f212e380cc
SM_V9_ZSR       iris    exon    8759774 8759910 .       -       .
        Parent=Smp_241470.1;Name=9e182d41-
b954-4205-9b0b-56d87271d7c6
SM_V9_ZSR       iris    exon    8766182 8766488 .       -       .
        Parent=Smp_241470.1;Name=26a9fe1e-
dbbc-4bd8-8861-36696a71d9b4
SM_V9_ZSR       iris    exon    8767341 8767501 .       -       .
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SM_V9_ZSR       iris    exon    8768694 8768816 .       -       .

Parent=Smp_241470.1;Name=abd3c902-196d-4c39-9399-018baa511e06
SM_V9_ZSR       iris    exon    8771084 8771279 .       -       .
        Parent=Smp_241470.1;Name=a7535de0-96f5-4125-8f38-
d3cb0ffeb1fd
SM_V9_ZSR       iris    exon    8772495 8772640 .       -       .

Parent=Smp_241470.1;Name=114179cc-5d13-4f43-9111-4c403f4ed91f
SM_V9_ZSR       iris    exon    8773217 8773333 .       -       .

Parent=Smp_241470.1;Name=da13dd5c-6b82-4777-9032-669fb6e2f4b1
SM_V9_ZSR       iris    exon    8774736 8775383 .       -       .

Parent=Smp_241470.1;Name=8b1eab62-1057-42f6-9f70-7b916b1ccd51
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SM_V9_ZSR       iris    exon    8781078 8781223 .       -       .

Parent=Smp_241470.1;Name=2b584aae-89b3-461a-8e6f-8aec0d9678e2
SM_V9_ZSR       iris    exon    8782736 8782856 .       -       .
        Parent=Smp_241470.1;Name=aec6b9fe-714c-449f-8bd8-
b43e6395f22f
SM_V9_ZSR       iris    exon    8783861 8784252 .       -       .
        Parent=Smp_241470.1;Name=55da2b3f-b270-4dd9-
a97b-6d7d9fcb16af
SM_V9_ZSR       iris    exon    8802063 8802252 .       -       .
        Parent=Smp_241470.1;Name=bdc167c1-3188-4cc4-
aa70-54aff4189f45
SM_V9_ZSR       iris    exon    8831004 8831981 .       -       .
        Parent=Smp_241470.1;Name=a5b170f8-
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SM_V9_ZSR       iris    CDS     8746828 8747874 .       -       0
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SM_V9_ZSR       iris    CDS     8754357 8754429 .       -       1
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8756300 8756480 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8758003 8758216 .       -       0
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8759774 8759910 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8766182 8766488 .       -       0
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8767341 8767501 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8768694 8768816 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8771084 8771279 .       -       0
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SM_V9_ZSR       iris    CDS     8773217 8773333 .       -       2
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SM_V9_ZSR       iris    CDS     8774736 8775383 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8779059 8779319 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8781078 8781223 .       -       1
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8782736 8782856 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8783861 8784252 .       -       1
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8802063 8802252 .       -       2
        Parent=Smp_241470.1
SM_V9_ZSR       iris    CDS     8831004 8831484 .       -       0
        Parent=Smp_241470.1
SM_V9_ZSR       Liftoff gene    8865175 8895005 .       -       .
        ID=Smp_022890;geneID=Smp_022890
SM_V9_ZSR       Liftoff mRNA    8865175 8895005 .       -       .

ID=Smp_022890.1;Parent=Smp_022890;geneID=Smp_022890;product=Hypothet
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SM_V9_ZSR       Liftoff exon    8865175 8866282 .       -       .
        Parent=Smp_022890.1
SM_V9_ZSR       Liftoff exon    8874338 8874670 .       -       .
        Parent=Smp_022890.1
SM_V9_ZSR       Liftoff exon    8881508 8895005 .       -       .
        Parent=Smp_022890.1
SM_V9_ZSR       Liftoff CDS     8865581 8866282 .       -       0
        Parent=Smp_022890.1
SM_V9_ZSR       Liftoff CDS     8874338 8874670 .       -       0
        Parent=Smp_022890.1
SM_V9_ZSR       Liftoff CDS     8881508 8882335 .       -       0
        Parent=Smp_022890.1
SM_V9_ZSR       Liftoff mRNA    8865175 8895005 .       -       .

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        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff exon    8871007 8871047 .       -       .
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff exon    8871141 8871147 .       -       .
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff exon    8874338 8874670 .       -       .
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff exon    8881508 8895005 .       -       .
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff CDS     8865581 8866282 .       -       0
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff CDS     8871007 8871047 .       -       2
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff CDS     8871141 8871147 .       -       0
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        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff CDS     8874338 8874670 .       -       0
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff CDS     8881508 8882335 .       -       0
        Parent=Smp_022890.2
SM_V9_ZSR       Liftoff gene    8915621 8920615 .       -       .
        ID=Smp_022870;geneID=Smp_022870
SM_V9_ZSR       Liftoff mRNA    8915621 8920615 .       -       .

ID=Smp_022870.1;Parent=Smp_022870;geneID=Smp_022870;product=Protein
lin-54 homolog;polypeptide_domain=InterPro:IPR005172,IPR033467
Pfam:PF03638
SM_V9_ZSR       Liftoff exon    8915621 8916404 .       -       .
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff exon    8917564 8918019 .       -       .
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff exon    8919481 8919649 .       -       .
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff exon    8919686 8919826 .       -       .
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff exon    8919862 8919986 .       -       .
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff exon    8920023 8920093 .       -       .
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff exon    8920135 8920615 .       -       .
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff CDS     8915838 8916404 .       -       0
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff CDS     8917564 8918019 .       -       0
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff CDS     8919481 8919649 .       -       1
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff CDS     8919686 8919826 .       -       1
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff CDS     8919862 8919986 .       -       0
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff CDS     8920023 8920093 .       -       2
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff CDS     8920135 8920222 .       -       0
        Parent=Smp_022870.1
SM_V9_ZSR       Liftoff gene    8925919 8940829 .       +       .

ID=Smp_342910;geneID=Smp_342910;previous_systematic_id=Smp_134420
SM_V9_ZSR       Liftoff mRNA    8925919 8940829 .       +       .

ID=Smp_342910.1;Parent=Smp_342910;geneID=Smp_342910;product=mRNA
turnover protein 4
homolog;polypeptide_domain=InterPro:IPR001790,IPR033867
Pfam:PF00466;Ontology_term=GO:0000027,GO:0005622,GO:0042254
SM_V9_ZSR       Liftoff exon    8925919 8925974 .       +       .
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff exon    8926013 8926068 .       +       .
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff exon    8926104 8926207 .       +       .
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        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff exon    8926240 8926450 .       +       .
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff exon    8930195 8930362 .       +       .
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff exon    8940565 8940829 .       +       .
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff CDS     8925947 8925974 .       +       0
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff CDS     8926013 8926068 .       +       2
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff CDS     8926104 8926207 .       +       0
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff CDS     8926240 8926450 .       +       1
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff CDS     8930195 8930362 .       +       0
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff CDS     8940565 8940798 .       +       0
        Parent=Smp_342910.1
SM_V9_ZSR       Liftoff mRNA    8925919 8940829 .       +       .

ID=Smp_342910.2;Parent=Smp_342910;geneID=Smp_342910;product=mRNA
turnover protein 4
homolog;polypeptide_domain=InterPro:IPR001790,IPR033867
Pfam:PF00466;Ontology_term=GO:0000027,GO:0005622,GO:0042254
SM_V9_ZSR       Liftoff exon    8925919 8925974 .       +       .
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff exon    8926013 8926068 .       +       .
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff exon    8926104 8926207 .       +       .
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff exon    8926240 8926450 .       +       .
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff exon    8930195 8930362 .       +       .
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff exon    8930493 8940829 .       +       .
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff CDS     8925947 8925974 .       +       0
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff CDS     8926013 8926068 .       +       2
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff CDS     8926104 8926207 .       +       0
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff CDS     8926240 8926450 .       +       1
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff CDS     8930195 8930362 .       +       0
        Parent=Smp_342910.2
SM_V9_ZSR       Liftoff CDS     8930493 8930528 .       +       0
        Parent=Smp_342910.2
SM_V9_ZSR       iris    gene    8947273 8954439 .       -       .

ID=Smp_022850;geneID=Smp_022850;gene_name=Smp_022850;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    8947273 8954439 .       -       .
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ID=Smp_022850.1;Parent=Smp_022850;geneID=Smp_022850;gene_name=Smp_02
2850;owner=irisadmin@local.host;orig_id=Smp_022850.1;date_last_modif
ied=2022-07-18;Name=Smp_022850.1;product=28S ribosomal protein S31,
mitochondrial;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    8947273 8947689 .       -       .
        Parent=Smp_022850.1;Name=578c4ead-30ed-420e-
b881-6bda650d1de0
SM_V9_ZSR       iris    exon    8951273 8951437 .       -       .
        Parent=Smp_022850.1;Name=3cffb8fd-fc98-415c-
a5fb-2926d9f8b0d0
SM_V9_ZSR       iris    exon    8951470 8951544 .       -       .

Parent=Smp_022850.1;Name=e01d3fbd-1e38-47b5-93fb-7cb28dfe7ba9
SM_V9_ZSR       iris    exon    8951585 8951622 .       -       .

Parent=Smp_022850.1;Name=a38c5abb-220b-4c75-827a-6020b679e00e
SM_V9_ZSR       iris    exon    8951674 8951706 .       -       .
        Parent=Smp_022850.1;Name=e6d26580-dce9-48fb-9d59-
ceca5cbc54b8
SM_V9_ZSR       iris    exon    8951739 8951807 .       -       .

Parent=Smp_022850.1;Name=926b13ca-16fc-4c89-871e-9972e41fbf6b
SM_V9_ZSR       iris    exon    8951842 8951907 .       -       .
        Parent=Smp_022850.1;Name=282d0f88-0683-462a-bfcd-
baa384dd99a2
SM_V9_ZSR       iris    exon    8951945 8952062 .       -       .
        Parent=Smp_022850.1;Name=da8d1ed4-d90e-4af6-8434-
e5c7acea0071
SM_V9_ZSR       iris    exon    8954368 8954439 .       -       .
        Parent=Smp_022850.1;Name=4b9f1c81-2206-4b0d-92cc-
d9ff31b007b2
SM_V9_ZSR       iris    CDS     8947412 8947689 .       -       2
        Parent=Smp_022850.1
SM_V9_ZSR       iris    CDS     8951273 8951437 .       -       2
        Parent=Smp_022850.1
SM_V9_ZSR       iris    CDS     8951470 8951544 .       -       2
        Parent=Smp_022850.1
SM_V9_ZSR       iris    CDS     8951585 8951622 .       -       1
        Parent=Smp_022850.1
SM_V9_ZSR       iris    CDS     8951674 8951706 .       -       1
        Parent=Smp_022850.1
SM_V9_ZSR       iris    CDS     8951739 8951807 .       -       1
        Parent=Smp_022850.1
SM_V9_ZSR       iris    CDS     8951842 8951907 .       -       1
        Parent=Smp_022850.1
SM_V9_ZSR       iris    CDS     8951945 8951976 .       -       0
        Parent=Smp_022850.1
SM_V9_ZSR       Liftoff gene    8977907 8997880 .       -       .
        ID=Smp_134410;geneID=Smp_134410
SM_V9_ZSR       Liftoff mRNA    8977907 8997850 .       -       .

ID=Smp_134410.2;Parent=Smp_134410;geneID=Smp_134410;product=Monocarb
oxylate transporter 9;polypeptide_domain=InterPro:IPR020846
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SM_V9_ZSR       Liftoff exon    8977907 8979622 .       -       .
        Parent=Smp_134410.2
SM_V9_ZSR       Liftoff exon    8992284 8997850 .       -       .
        Parent=Smp_134410.2
SM_V9_ZSR       Liftoff CDS     8979441 8979622 .       -       2
        Parent=Smp_134410.2
SM_V9_ZSR       Liftoff CDS     8992284 8992419 .       -       0
        Parent=Smp_134410.2
SM_V9_ZSR       Liftoff mRNA    8977915 8997880 .       -       .

ID=Smp_134410.1;Parent=Smp_134410;geneID=Smp_134410;product=Monocarb
oxylate transporter
12;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR       Liftoff exon    8977915 8979622 .       -       .
        Parent=Smp_134410.1
SM_V9_ZSR       Liftoff exon    8992284 8992430 .       -       .
        Parent=Smp_134410.1
SM_V9_ZSR       Liftoff exon    8995221 8997880 .       -       .
        Parent=Smp_134410.1
SM_V9_ZSR       Liftoff CDS     8979441 8979622 .       -       2
        Parent=Smp_134410.1
SM_V9_ZSR       Liftoff CDS     8992284 8992430 .       -       2
        Parent=Smp_134410.1
SM_V9_ZSR       Liftoff CDS     8995221 8997561 .       -       0
        Parent=Smp_134410.1
SM_V9_ZSR       Liftoff mRNA    8977915 8997880 .       -       .

ID=Smp_134410.3;Parent=Smp_134410;geneID=Smp_134410;product=Monocarb
oxylate transporter
12;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR       Liftoff exon    8977915 8979622 .       -       .
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff exon    8981069 8981084 .       -       .
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff exon    8992284 8992430 .       -       .
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff exon    8995221 8997880 .       -       .
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff CDS     8979610 8979622 .       -       1
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff CDS     8981069 8981084 .       -       2
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff CDS     8992284 8992430 .       -       2
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff CDS     8995221 8997561 .       -       0
        Parent=Smp_134410.3
SM_V9_ZSR       Liftoff gene    9013579 9030513 .       +       .

ID=Smp_245300;geneID=Smp_245300;previous_systematic_id=Smp_134400,Sm
p_186700
SM_V9_ZSR       Liftoff mRNA    9013579 9030513 .       +       .
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ID=Smp_245300.1;Parent=Smp_245300;geneID=Smp_245300;product=Actin-
related protein 2/3 complex subunit
1A;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017383,IPR0179
86
Pfam:PF00400;Ontology_term=GO:0005515,GO:0005885,GO:0015629,GO:00308
33,GO:0034314
SM_V9_ZSR       Liftoff exon    9013579 9013928 .       +       .
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff exon    9013978 9014293 .       +       .
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff exon    9024826 9025073 .       +       .
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff exon    9026478 9026608 .       +       .
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff exon    9028520 9030513 .       +       .
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff CDS     9013632 9013928 .       +       0
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff CDS     9013978 9014293 .       +       0
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff CDS     9024826 9025073 .       +       2
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff CDS     9026478 9026608 .       +       0
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff CDS     9028520 9028649 .       +       1
        Parent=Smp_245300.1
SM_V9_ZSR       Liftoff gene    9043765 9067663 .       +       .
        ID=Smp_134390;geneID=Smp_134390
SM_V9_ZSR       Liftoff mRNA    9043765 9067663 .       +       .

ID=Smp_134390.1;Parent=Smp_134390;geneID=Smp_134390;product=sterol
O-acyltransferase 1;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR004299,IPR014371
Pfam:PF03062;Ontology_term=GO:0008374
SM_V9_ZSR       Liftoff exon    9043765 9044472 .       +       .
        Parent=Smp_134390.1
SM_V9_ZSR       Liftoff exon    9058411 9058801 .       +       .
        Parent=Smp_134390.1
SM_V9_ZSR       Liftoff exon    9066300 9067663 .       +       .
        Parent=Smp_134390.1
SM_V9_ZSR       Liftoff CDS     9044138 9044472 .       +       0
        Parent=Smp_134390.1
SM_V9_ZSR       Liftoff CDS     9058411 9058801 .       +       1
        Parent=Smp_134390.1
SM_V9_ZSR       Liftoff CDS     9066300 9067346 .       +       0
        Parent=Smp_134390.1
SM_V9_ZSR       iris    gene    9075682 9089461 .       -       .

ID=Smp_022810;geneID=Smp_022810;gene_name=Smp_022810;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    9075682 9089461 .       -       .

ID=Smp_022810.1;Parent=Smp_022810;geneID=Smp_022810;gene_name=Smp_02
2810;owner=irisadmin@local.host;orig_id=Smp_022810.1;date_last_modif
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ied=2022-07-09;Name=Smp_022810.1;product=Ras-related protein
Rab-2B;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    9075682 9077175 .       -       .

Parent=Smp_022810.1;Name=9cd53daa-3ec9-4c5b-8b7e-347a111fa41e
SM_V9_ZSR       iris    exon    9085400 9085673 .       -       .

Parent=Smp_022810.1;Name=bb34afe7-915f-422b-90a3-6ba248d37e2b
SM_V9_ZSR       iris    exon    9086941 9087023 .       -       .
        Parent=Smp_022810.1;Name=f0e87a51-6fa6-47fc-ad2a-
efb66c572cce
SM_V9_ZSR       iris    exon    9088995 9089134 .       -       .

Parent=Smp_022810.1;Name=257ef52f-47b8-4c10-9d62-3dadfed1a50d
SM_V9_ZSR       iris    exon    9089167 9089254 .       -       .
        Parent=Smp_022810.1;Name=bce7e2f7-e564-42e1-
b3f1-3792faf3828e
SM_V9_ZSR       iris    exon    9089298 9089461 .       -       .
        Parent=Smp_022810.1;Name=01ff984d-
e37f-4669-96e1-90f01b6606d6
SM_V9_ZSR       iris    CDS     9077068 9077175 .       -       0
        Parent=Smp_022810.1
SM_V9_ZSR       iris    CDS     9085400 9085673 .       -       1
        Parent=Smp_022810.1
SM_V9_ZSR       iris    CDS     9086941 9087023 .       -       0
        Parent=Smp_022810.1
SM_V9_ZSR       iris    CDS     9088995 9089134 .       -       2
        Parent=Smp_022810.1
SM_V9_ZSR       iris    CDS     9089167 9089212 .       -       0
        Parent=Smp_022810.1
SM_V9_ZSR       Liftoff gene    9101055 9109642 .       +       .

ID=Smp_342900;geneID=Smp_342900;previous_systematic_id=Smp_134380
SM_V9_ZSR       Liftoff mRNA    9101055 9109642 .       +       .

ID=Smp_342900.1;Parent=Smp_342900;geneID=Smp_342900;product=Helicase
SWR1
SM_V9_ZSR       Liftoff exon    9101055 9101356 .       +       .
        Parent=Smp_342900.1
SM_V9_ZSR       Liftoff exon    9106615 9106764 .       +       .
        Parent=Smp_342900.1
SM_V9_ZSR       Liftoff exon    9109097 9109642 .       +       .
        Parent=Smp_342900.1
SM_V9_ZSR       Liftoff CDS     9101191 9101356 .       +       0
        Parent=Smp_342900.1
SM_V9_ZSR       Liftoff CDS     9106615 9106764 .       +       2
        Parent=Smp_342900.1
SM_V9_ZSR       Liftoff CDS     9109097 9109494 .       +       2
        Parent=Smp_342900.1
SM_V9_ZSR       iris    gene    9138788 9150305 .       -       .

ID=Smp_134370;geneID=Smp_134370;gene_name=Smp_134370;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    9138788 9150305 .       -       .
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ID=Smp_134370.1;Parent=Smp_134370;geneID=Smp_134370;gene_name=Smp_13
4370;owner=irisadmin@local.host;orig_id=Smp_134370.1;date_last_modif
ied=2022-07-09;Name=Smp_134370.1;product=RNA 3'-terminal phosphate
cyclase;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    9138788 9139033 .       -       .
        Parent=Smp_134370.1;Name=d39dc00d-f02b-4b88-a0cd-
c886e30f7750
SM_V9_ZSR       iris    exon    9140510 9140614 .       -       .
        Parent=Smp_134370.1;Name=2a1eb6a3-29ea-4e0b-83c2-
b84d87cd9aa1
SM_V9_ZSR       iris    exon    9143438 9143594 .       -       .

Parent=Smp_134370.1;Name=7d325831-63c4-4315-86b2-2a813586f4a9
SM_V9_ZSR       iris    exon    9148232 9148353 .       -       .

Parent=Smp_134370.1;Name=cf7c75b2-2051-433e-8175-4f23ec3742a1
SM_V9_ZSR       iris    exon    9149197 9149341 .       -       .
        Parent=Smp_134370.1;Name=df69d13f-e4d9-4c4f-
abf4-6b8f182633d4
SM_V9_ZSR       iris    exon    9149376 9149434 .       -       .
        Parent=Smp_134370.1;Name=ef830013-b523-4400-
b369-134e20efdee7
SM_V9_ZSR       iris    exon    9149471 9149594 .       -       .
        Parent=Smp_134370.1;Name=79d27078-4c0f-40c7-
b732-74bcaf35b2f7
SM_V9_ZSR       iris    exon    9149631 9149774 .       -       .

Parent=Smp_134370.1;Name=1b976acc-007a-4ffb-888c-5c245eeda621
SM_V9_ZSR       iris    exon    9149811 9149911 .       -       .
        Parent=Smp_134370.1;Name=42c10f82-c6b6-48c2-
a6b5-8326a2a8ec7b
SM_V9_ZSR       iris    exon    9149950 9150112 .       -       .
        Parent=Smp_134370.1;Name=06a7c727-ddbd-4c51-8b4e-
ab62c8711b31
SM_V9_ZSR       iris    exon    9150165 9150305 .       -       .
        Parent=Smp_134370.1;Name=70de65e9-6b62-446f-a03c-
ddde8e1b8ea1
SM_V9_ZSR       iris    CDS     9138935 9139033 .       -       0
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9140510 9140614 .       -       0
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9143438 9143594 .       -       1
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9148232 9148353 .       -       0
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9149197 9149341 .       -       1
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9149376 9149434 .       -       0
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9149471 9149594 .       -       1
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9149631 9149774 .       -       1
        Parent=Smp_134370.1
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SM_V9_ZSR       iris    CDS     9149811 9149911 .       -       0
        Parent=Smp_134370.1
SM_V9_ZSR       iris    CDS     9149950 9150006 .       -       0
        Parent=Smp_134370.1
SM_V9_ZSR       iris    gene    9166865 9198385 .       +       .

ID=Smp_134360;geneID=Smp_134360;gene_name=Smp_134360;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    9166865 9198385 .       +       .

ID=Smp_134360.1;Parent=Smp_134360;geneID=Smp_134360;gene_name=Smp_13
4360;owner=irisadmin@local.host;orig_id=Smp_134360.1;date_last_modif
ied=2022-08-20;Name=Smp_134360.1;product=CDK5 and ABL1 enzyme
substrate 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    9166865 9167023 .       +       .

Parent=Smp_134360.1;Name=0af09001-1671-48c1-91e1-716b3000ee27
SM_V9_ZSR       iris    exon    9169526 9169888 .       +       .
        Parent=Smp_134360.1;Name=af7e90e0-
c5aa-42a2-8aa3-37724a2a57d3
SM_V9_ZSR       iris    exon    9170560 9170833 .       +       .

Parent=Smp_134360.1;Name=65c868c8-2f4c-474f-8659-4eebbcc3d409
SM_V9_ZSR       iris    exon    9173604 9173650 .       +       .
        Parent=Smp_134360.1;Name=b057d1fa-
daa8-494b-882f-4d1b17c74195
SM_V9_ZSR       iris    exon    9175797 9175959 .       +       .

Parent=Smp_134360.1;Name=ff18a0ba-5a3a-4162-824a-3797d1b06392
SM_V9_ZSR       iris    exon    9184253 9184345 .       +       .
        Parent=Smp_134360.1;Name=76a8aa85-ae1c-4703-
ac83-7949e68e3af0
SM_V9_ZSR       iris    exon    9185350 9185551 .       +       .
        Parent=Smp_134360.1;Name=3ca7132c-ff78-4916-99d4-
c9fa8c72ad89
SM_V9_ZSR       iris    exon    9188467 9188620 .       +       .
        Parent=Smp_134360.1;Name=b76c63f9-21dd-4724-b34d-
ce9617f46903
SM_V9_ZSR       iris    exon    9190506 9190658 .       +       .
        Parent=Smp_134360.1;Name=a8b76532-4721-4415-8fd6-
bfd4250bf241
SM_V9_ZSR       iris    exon    9190695 9190795 .       +       .
        Parent=Smp_134360.1;Name=01dd2272-
c8da-409d-8e2a-9fe88236c8c8
SM_V9_ZSR       iris    exon    9192262 9192402 .       +       .
        Parent=Smp_134360.1;Name=7b373eb7-cd14-47e5-
afa8-0040cfce30da
SM_V9_ZSR       iris    exon    9193165 9193227 .       +       .

Parent=Smp_134360.1;Name=e9057c67-47f7-47c5-8d74-9c9c01ee646f
SM_V9_ZSR       iris    exon    9195992 9196096 .       +       .
        Parent=Smp_134360.1;Name=0e87c427-09b7-4cba-a017-
bb3231de9cbf
SM_V9_ZSR       iris    exon    9197356 9198385 .       +       .
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        Parent=Smp_134360.1;Name=8f0bdef9-
b68c-4298-91b1-460834b878f9
SM_V9_ZSR       iris    CDS     9169756 9169888 .       +       0
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9170560 9170833 .       +       2
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9173604 9173650 .       +       1
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9175797 9175959 .       +       2
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9184253 9184345 .       +       1
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9185350 9185551 .       +       1
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9188467 9188620 .       +       0
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9190506 9190658 .       +       2
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9190695 9190795 .       +       2
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9192262 9192402 .       +       0
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9193165 9193227 .       +       0
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9195992 9196096 .       +       0
        Parent=Smp_134360.1
SM_V9_ZSR       iris    CDS     9197356 9197760 .       +       0
        Parent=Smp_134360.1
SM_V9_ZSR       Liftoff gene    9214453 9237451 .       -       .
        ID=Smp_134350;geneID=Smp_134350
SM_V9_ZSR       Liftoff mRNA    9214453 9237451 .       -       .

ID=Smp_134350.1;Parent=Smp_134350;geneID=Smp_134350;product=Thyrotro
pin-releasing hormone
receptor;polypeptide_domain=InterPro:IPR000276,IPR002120,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0004997,GO:0007186,GO:00160
21
SM_V9_ZSR       Liftoff exon    9214453 9214772 .       -       .
        Parent=Smp_134350.1
SM_V9_ZSR       Liftoff exon    9235981 9237451 .       -       .
        Parent=Smp_134350.1
SM_V9_ZSR       Liftoff CDS     9214540 9214772 .       -       2
        Parent=Smp_134350.1
SM_V9_ZSR       Liftoff CDS     9235981 9236812 .       -       0
        Parent=Smp_134350.1
SM_V9_ZSR       iris    gene    9256775 9264476 .       +       .

ID=Smp_245290;geneID=Smp_245290;gene_name=Smp_245290;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    9256775 9264476 .       +       .

ID=Smp_245290.1;Parent=Smp_245290;geneID=Smp_245290;gene_name=Smp_24
5290;owner=irisadmin@local.host;orig_id=Smp_245290.1;date_last_modif
ied=2022-08-20;Name=Smp_245290.1;product=Lymphocyte expansion
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molecule;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    9256775 9256839 .       +       .
        Parent=Smp_245290.1;Name=6d59ab7c-733f-4e67-
b75a-90eeadfa4e8f
SM_V9_ZSR       iris    exon    9256874 9257099 .       +       .
        Parent=Smp_245290.1;Name=c733f355-f57d-4125-
bb50-6f4579d121ce
SM_V9_ZSR       iris    exon    9259157 9259273 .       +       .
        Parent=Smp_245290.1;Name=caf375fa-9768-4f57-8498-
a645620cda43
SM_V9_ZSR       iris    exon    9259321 9259464 .       +       .
        Parent=Smp_245290.1;Name=5d959a11-aed8-47e3-
b288-2231dfa0a7cd
SM_V9_ZSR       iris    exon    9259505 9259624 .       +       .
        Parent=Smp_245290.1;Name=12c0eb96-942e-4868-879e-
cc8a8a1a64fb
SM_V9_ZSR       iris    exon    9260231 9260398 .       +       .
        Parent=Smp_245290.1;Name=5fff7ac3-64f6-49cb-
bd3f-1a60cd742a84
SM_V9_ZSR       iris    exon    9260936 9261058 .       +       .
        Parent=Smp_245290.1;Name=076cf7f0-78cb-4593-
aa14-53e85dcf91f9
SM_V9_ZSR       iris    exon    9262534 9262661 .       +       .
        Parent=Smp_245290.1;Name=edfad2e6-9fb6-4711-
aa08-9084265a4cff
SM_V9_ZSR       iris    exon    9263512 9264476 .       +       .
        Parent=Smp_245290.1;Name=dfc30fa0-5a4d-4b53-
a923-4bf357779d1a
SM_V9_ZSR       iris    CDS     9256802 9256839 .       +       0
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9256874 9257099 .       +       1
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9259157 9259273 .       +       0
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9259321 9259464 .       +       0
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9259505 9259624 .       +       0
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9260231 9260398 .       +       0
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9260936 9261058 .       +       0
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9262534 9262661 .       +       0
        Parent=Smp_245290.1
SM_V9_ZSR       iris    CDS     9263512 9263599 .       +       1
        Parent=Smp_245290.1
SM_V9_ZSR       iris    gene    9265376 9303981 .       -       .

ID=Smp_198590;geneID=Smp_198590;gene_name=Smp_198590;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    9265376 9303981 .       -       .

ID=Smp_198590.1;Parent=Smp_198590;geneID=Smp_198590;gene_name=Smp_19
8590;owner=irisadmin@local.host;orig_id=Smp_198590.2;date_last_modif
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ied=2022-07-09;Name=Smp_198590.1;product=Kinesin-related protein
1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    9265376 9265622 .       -       .
        Parent=Smp_198590.1;Name=ea8f306a-92c3-4b80-a087-
f11e8c25ccb7
SM_V9_ZSR       iris    exon    9268438 9268569 .       -       .
        Parent=Smp_198590.1;Name=0ca93944-177b-40a5-
b8e3-3d286c658e3c
SM_V9_ZSR       iris    exon    9269178 9269321 .       -       .
        Parent=Smp_198590.1;Name=4fe9ae45-2632-4c51-
a38b-02b28e93879a
SM_V9_ZSR       iris    exon    9271740 9271982 .       -       .
        Parent=Smp_198590.1;Name=7c31d2c3-7029-4327-a239-
de604448d31f
SM_V9_ZSR       iris    exon    9276258 9276584 .       -       .
        Parent=Smp_198590.1;Name=6e455fa7-4526-4ef3-
bd3c-053afe99d12b
SM_V9_ZSR       iris    exon    9280765 9280852 .       -       .
        Parent=Smp_198590.1;Name=d8665ac4-c17c-45ea-917f-
bd5b0a2eb9fe
SM_V9_ZSR       iris    exon    9282102 9282258 .       -       .
        Parent=Smp_198590.1;Name=d5753dbc-a35f-487b-ae61-
efd5c26721a0
SM_V9_ZSR       iris    exon    9283320 9283481 .       -       .
        Parent=Smp_198590.1;Name=79673828-971a-4683-ae18-
ba362034de70
SM_V9_ZSR       iris    exon    9284662 9284899 .       -       .

Parent=Smp_198590.1;Name=3f4c4857-9412-4bf7-88cf-7420b943d589
SM_V9_ZSR       iris    exon    9286188 9286346 .       -       .
        Parent=Smp_198590.1;Name=803173c6-bc25-435f-9456-
cd9b0928ae69
SM_V9_ZSR       iris    exon    9289148 9289251 .       -       .
        Parent=Smp_198590.1;Name=e1259cf9-c195-430f-
bd6c-48e13e55baa7
SM_V9_ZSR       iris    exon    9289308 9289389 .       -       .
        Parent=Smp_198590.1;Name=fbc80a3e-c081-4eb9-be69-
c6d3a506a8e6
SM_V9_ZSR       iris    exon    9291299 9291404 .       -       .

Parent=Smp_198590.1;Name=f9a5f64d-2b26-4b61-915b-904ffd67fd04
SM_V9_ZSR       iris    exon    9292840 9292922 .       -       .
        Parent=Smp_198590.1;Name=03371e9e-29dc-40e1-abb0-
b5a8853ea76b
SM_V9_ZSR       iris    exon    9293037 9293134 .       -       .
        Parent=Smp_198590.1;Name=d9d19648-fb43-414d-845f-
d6f3cee05204
SM_V9_ZSR       iris    exon    9294716 9294868 .       -       .
        Parent=Smp_198590.1;Name=ac28c9f2-a975-4bd6-
bbd5-349d3040b93b
SM_V9_ZSR       iris    exon    9300428 9300614 .       -       .
        Parent=Smp_198590.1;Name=25b0d695-
d34d-4bf4-969b-8d8fb620338d
SM_V9_ZSR       iris    exon    9301051 9301117 .       -       .
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        Parent=Smp_198590.1;Name=f17f2971-1935-48a6-b26e-
b57c20598b52
SM_V9_ZSR       iris    exon    9301156 9301362 .       -       .
        Parent=Smp_198590.1;Name=d3ec4413-3000-4326-
b314-281b6d3a8889
SM_V9_ZSR       iris    exon    9302794 9302836 .       -       .
        Parent=Smp_198590.1;Name=4c2001f3-d4fc-482c-b574-
f6c48b659952
SM_V9_ZSR       iris    exon    9303888 9303981 .       -       .
        Parent=Smp_198590.1;Name=396b29c3-4f43-4790-8fae-
c51b965ff122
SM_V9_ZSR       iris    CDS     9265620 9265622 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9268438 9268569 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9269178 9269321 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9271740 9271982 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9276258 9276584 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9280765 9280852 .       -       1
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9282102 9282258 .       -       2
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9283320 9283481 .       -       2
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9284662 9284899 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9286188 9286346 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9289148 9289251 .       -       2
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9289308 9289389 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9291299 9291404 .       -       1
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9292840 9292922 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9293037 9293134 .       -       2
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9294716 9294868 .       -       2
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9300428 9300614 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9301051 9301117 .       -       1
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9301156 9301362 .       -       1
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9302794 9302836 .       -       2
        Parent=Smp_198590.1
SM_V9_ZSR       iris    CDS     9303888 9303912 .       -       0
        Parent=Smp_198590.1
SM_V9_ZSR       iris    gene    9307535 9308617 .       -       .
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ID=Smp_335670;geneID=Smp_335670;gene_name=Smp_335670;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    9307535 9308617 .       -       .

ID=Smp_335670.1;Parent=Smp_335670;geneID=Smp_335670;gene_name=Smp_33
5670;owner=irisadmin@local.host;orig_id=Smp_335670.1;date_last_modif
ied=2022-11-13;Name=Smp_335670.1;product=Kinesin-related protein
1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    9307535 9307754 .       -       .
        Parent=Smp_335670.1;Name=375373b6-f017-4739-a3be-
e7b86636a07f
SM_V9_ZSR       iris    exon    9308428 9308537 .       -       .
        Parent=Smp_335670.1;Name=10f6c9e3-cca1-410f-98c3-
bb7b1728ee7c
SM_V9_ZSR       iris    exon    9308572 9308617 .       -       .
        Parent=Smp_335670.1;Name=34135962-52d0-4f7c-
a6b7-1b88dc08aaff
SM_V9_ZSR       iris    CDS     9307690 9307754 .       -       2
        Parent=Smp_335670.1
SM_V9_ZSR       iris    CDS     9308428 9308537 .       -       1
        Parent=Smp_335670.1
SM_V9_ZSR       iris    CDS     9308572 9308585 .       -       0
        Parent=Smp_335670.1
SM_V9_ZSR       iris    gene    9322539 9324412 .       +       .

ID=Smp_022700;geneID=Smp_022700;gene_name=Smp_022700;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    9322539 9324412 .       +       .

ID=Smp_022700.1;Parent=Smp_022700;geneID=Smp_022700;gene_name=Smp_02
2700;owner=irisadmin@local.host;orig_id=Smp_022700.1;date_last_modif
ied=2022-08-20;Name=Smp_022700.1;product=Very-long-chain (3R)-3-
hydroxyacyl-CoA dehydratase hpo-8;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    9322539 9322583 .       +       .
        Parent=Smp_022700.1;Name=c55703f7-b3ce-433c-a3ae-
b8879c154fe2
SM_V9_ZSR       iris    exon    9323490 9323547 .       +       .
        Parent=Smp_022700.1;Name=8d53e90b-
f0ca-4645-97b9-12660ea5eeb8
SM_V9_ZSR       iris    exon    9323582 9323699 .       +       .

Parent=Smp_022700.1;Name=8c7543f0-4fe6-4aed-9f28-2e543308d833
SM_V9_ZSR       iris    exon    9323731 9323838 .       +       .
        Parent=Smp_022700.1;Name=53c4c67f-b8fc-4ea5-90a7-
ee76b260143d
SM_V9_ZSR       iris    exon    9323871 9323995 .       +       .
        Parent=Smp_022700.1;Name=2626da34-49eb-425a-
ace5-8ce0e60ac087
SM_V9_ZSR       iris    exon    9324030 9324069 .       +       .
        Parent=Smp_022700.1;Name=5ae641a0-a3be-4ef6-a8e5-
c735b7833c86
SM_V9_ZSR       iris    exon    9324107 9324245 .       +       .
        Parent=Smp_022700.1;Name=dc659116-8ba5-4332-afb9-
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e70dee535854
SM_V9_ZSR       iris    exon    9324281 9324412 .       +       .

Parent=Smp_022700.1;Name=9c548a52-1ce5-4b3d-868e-89d9f37c3ff2
SM_V9_ZSR       iris    CDS     9323495 9323547 .       +       0
        Parent=Smp_022700.1
SM_V9_ZSR       iris    CDS     9323582 9323699 .       +       1
        Parent=Smp_022700.1
SM_V9_ZSR       iris    CDS     9323731 9323838 .       +       0
        Parent=Smp_022700.1
SM_V9_ZSR       iris    CDS     9323871 9323995 .       +       0
        Parent=Smp_022700.1
SM_V9_ZSR       iris    CDS     9324030 9324069 .       +       1
        Parent=Smp_022700.1
SM_V9_ZSR       iris    CDS     9324107 9324245 .       +       0
        Parent=Smp_022700.1
SM_V9_ZSR       iris    CDS     9324281 9324345 .       +       2
        Parent=Smp_022700.1
SM_V9_ZSR       Liftoff gene    9329113 9345471 .       -       .

ID=Smp_304380;geneID=Smp_304380;previous_systematic_id=Smp_134310,Sm
p_134330,Smp_199640,Smp_242280
SM_V9_ZSR       Liftoff mRNA    9329113 9345471 .       -       .

ID=Smp_304380.1;Parent=Smp_304380;geneID=Smp_304380;product=SWI/SNF-
related matrix-associated actin-dependent regulator of chromatin
subfamily D member 1;polypeptide_domain=InterPro:IPR003121,IPR019835
Pfam:PF02201;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    9329113 9329295 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9330201 9330428 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9331887 9331967 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9333917 9334124 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9334827 9334993 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9336357 9336515 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9340957 9341100 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9341143 9341308 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9343358 9343493 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff exon    9345383 9345471 .       -       .
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9329242 9329295 .       -       0
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9330201 9330428 .       -       0
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9331887 9331967 .       -       0
        Parent=Smp_304380.1
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SM_V9_ZSR       Liftoff CDS     9333917 9334124 .       -       1
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9334827 9334993 .       -       0
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9336357 9336515 .       -       0
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9340957 9341100 .       -       0
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9341143 9341308 .       -       1
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9343358 9343493 .       -       2
        Parent=Smp_304380.1
SM_V9_ZSR       Liftoff CDS     9345383 9345449 .       -       0
        Parent=Smp_304380.1
SM_V9_ZSR       iris    gene    9350655 9351580 .       +       .

ID=Smp_022740;geneID=Smp_022740;gene_name=Smp_022740;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_ZSR       iris    mRNA    9350655 9351580 .       +       .

ID=Smp_022740.1;Parent=Smp_022740;geneID=Smp_022740;gene_name=Smp_02
2740;owner=irisadmin@local.host;orig_id=Smp_022740.1;date_last_modif
ied=2022-08-30;Name=Smp_022740.1;product=Tumor necrosis factor
alpha-induced protein 8-like protein 2;date_creation=2022-08-30
SM_V9_ZSR       iris    exon    9350655 9351580 .       +       .
        Parent=Smp_022740.1;Name=6467779a-14df-4e89-
a667-577954204e42
SM_V9_ZSR       iris    CDS     9350678 9351304 .       +       0
        Parent=Smp_022740.1
SM_V9_ZSR       Liftoff gene    9355306 9361281 .       -       .

ID=Smp_340420;geneID=Smp_340420;previous_systematic_id=Smp_022730
SM_V9_ZSR       Liftoff mRNA    9355306 9361281 .       -       .

ID=Smp_340420.1;Parent=Smp_340420;geneID=Smp_340420;product=H/ACA
ribonucleoprotein complex subunit
1;polypeptide_domain=InterPro:IPR007504,IPR009000,IPR021154
Pfam:PF04410;Ontology_term=GO:0001522,GO:0031429,GO:0042254
SM_V9_ZSR       Liftoff exon    9355306 9355638 .       -       .
        Parent=Smp_340420.1
SM_V9_ZSR       Liftoff exon    9360766 9360829 .       -       .
        Parent=Smp_340420.1
SM_V9_ZSR       Liftoff exon    9360867 9360926 .       -       .
        Parent=Smp_340420.1
SM_V9_ZSR       Liftoff exon    9360969 9361281 .       -       .
        Parent=Smp_340420.1
SM_V9_ZSR       Liftoff CDS     9355340 9355638 .       -       2
        Parent=Smp_340420.1
SM_V9_ZSR       Liftoff CDS     9360766 9360829 .       -       0
        Parent=Smp_340420.1
SM_V9_ZSR       Liftoff CDS     9360867 9360926 .       -       0
        Parent=Smp_340420.1
SM_V9_ZSR       Liftoff CDS     9360969 9361244 .       -       0
        Parent=Smp_340420.1
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SM_V9_ZSR	iris	gene	9373413	9373782	.	-	.
ID=Smp_335675;geneID=Smp_335675;gene_name=Smp_335675;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-07-09
SM_V9_ZSR	iris	mRNA	9373413	9373782	.	-	.
ID=Smp_335675.1;Parent=Smp_335675;geneID=Smp_335675;gene_name=Smp_33
5675;owner=irisadmin@local.host;orig_id=Smp_335670.1;date_last_modif
ied=2022-07-18;Name=Smp_335675.1;date_creation=2022-07-09
SM_V9_ZSR	iris	exon	9373413	9373498	.	-	.
	Parent=Smp_335675.1;Name=ae3f6b8a-7024-46a5-
a873-4cbb61e6574d
SM_V9_ZSR	iris	exon	9373534	9373782	.	-	.
	Parent=Smp_335675.1;Name=Smp_335675.1-CDS
SM_V9_ZSR	iris	CDS	9373599	9373745	.	-	0
	Parent=Smp_335675.1
SM_V9_ZSR	Liftoff	gene	9387632	9427721	.	-	.
	ID=Smp_134300;geneID=Smp_134300
SM_V9_ZSR	Liftoff	mRNA	9387632	9427721	.	-	.
ID=Smp_134300.1;Parent=Smp_134300;geneID=Smp_134300;product=Beta-
hexosaminidase subunit
beta;polypeptide_domain=InterPro:IPR015883,IPR017853,IPR025705,IPR02
9018,IPR029019
Pfam:PF00728,PF14845;Ontology_term=GO:0004553,GO:0004563,GO:0005975
SM_V9_ZSR	Liftoff	exon	9387632	9389094	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9390109	9390213	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9391190	9391283	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9391724	9391877	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9393111	9393204	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9394772	9394855	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9398431	9398635	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9403500	9403605	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9404850	9404951	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9407397	9407507	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9409997	9410112	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9411029	9411452	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9413223	9413429	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9415051	9415097	.	-	.
	Parent=Smp_134300.1
SM_V9_ZSR	Liftoff	exon	9422113	9427721	.	-	.
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        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9388707 9389094 .       -       1
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9390109 9390213 .       -       1
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9391190 9391283 .       -       2
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9391724 9391877 .       -       0
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9393111 9393204 .       -       1
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9394772 9394855 .       -       1
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9398431 9398635 .       -       2
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9403500 9403605 .       -       0
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9404850 9404951 .       -       0
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9407397 9407507 .       -       0
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9409997 9410112 .       -       2
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9411029 9411452 .       -       0
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9413223 9413429 .       -       0
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9415051 9415097 .       -       2
        Parent=Smp_134300.1
SM_V9_ZSR       Liftoff CDS     9422113 9422278 .       -       0
        Parent=Smp_134300.1
SM_V9_ZSR       iris    gene    9439105 9469900 .       +       .

ID=Smp_134290;geneID=Smp_134290;gene_name=Smp_134290;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    9439105 9469900 .       +       .

ID=Smp_134290.1;Parent=Smp_134290;geneID=Smp_134290;gene_name=Smp_13
4290;owner=irisadmin@local.host;orig_id=Smp_134290.1;date_last_modif
ied=2022-08-02;Name=Smp_134290.1;product=RalBP1-associated Eps
domain-containing protein 1;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    9439105 9439279 .       +       .
        Parent=Smp_134290.1;Name=f6b348b6-42ec-431a-bd0b-
a7ec4e375946
SM_V9_ZSR       iris    exon    9439314 9439440 .       +       .
        Parent=Smp_134290.1;Name=c41e4b78-a455-49c9-b661-
db868ae35a92
SM_V9_ZSR       iris    exon    9439475 9439566 .       +       .

Parent=Smp_134290.1;Name=9fbc4c78-0d95-421f-9152-54eaf5667f48
SM_V9_ZSR       iris    exon    9439608 9439773 .       +       .
        Parent=Smp_134290.1;Name=2e24a0c3-d8df-40c4-ad68-
e5017de3237a
SM_V9_ZSR       iris    exon    9449188 9449514 .       +       .
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        Parent=Smp_134290.1;Name=715bcde0-55e7-47b8-
a939-90af24333a8e
SM_V9_ZSR       iris    exon    9451734 9452097 .       +       .

Parent=Smp_134290.1;Name=23d9502c-69bf-4f1b-9783-80b8b6b0774b
SM_V9_ZSR       iris    exon    9458416 9458588 .       +       .

Parent=Smp_134290.1;Name=9b22a9bd-820d-4148-8a8b-18c520f70a43
SM_V9_ZSR       iris    exon    9466483 9466930 .       +       .
        Parent=Smp_134290.1;Name=58c82077-2f49-4542-
bf3c-1de0b334c7c8
SM_V9_ZSR       iris    exon    9468932 9469900 .       +       .
        Parent=Smp_134290.1;Name=12090a3a-8f80-4c6b-a0c2-
b6e08d5efe8c
SM_V9_ZSR       iris    CDS     9439130 9439279 .       +       0
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9439314 9439440 .       +       0
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9439475 9439566 .       +       2
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9439608 9439773 .       +       0
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9449188 9449514 .       +       2
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9451734 9452097 .       +       2
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9458416 9458588 .       +       1
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9466483 9466930 .       +       2
        Parent=Smp_134290.1
SM_V9_ZSR       iris    CDS     9468932 9469172 .       +       1
        Parent=Smp_134290.1
SM_V9_ZSR       iris    gene    9486080 9499778 .       +       .

ID=Smp_022660;geneID=Smp_022660;gene_name=Smp_022660;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    9486080 9499778 .       +       .

ID=Smp_022660.1;Parent=Smp_022660;geneID=Smp_022660;gene_name=Smp_02
2660;owner=irisadmin@local.host;orig_id=Smp_022660.1;date_last_modif
ied=2022-07-09;Name=Smp_022660.1;product=Glutamate-rich WD repeat-
containing protein 1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    9486080 9486516 .       +       .
        Parent=Smp_022660.1;Name=71530da6-04ca-4356-806b-
a6c8958b6353
SM_V9_ZSR       iris    exon    9488647 9488823 .       +       .
        Parent=Smp_022660.1;Name=3802cb1b-fe7d-4035-8062-
ada6099fc5aa
SM_V9_ZSR       iris    exon    9491786 9492001 .       +       .
        Parent=Smp_022660.1;Name=13f626c5-
bc47-4644-87e8-2e1bf553443b
SM_V9_ZSR       iris    exon    9496638 9496988 .       +       .

Parent=Smp_022660.1;Name=171c697a-587c-4bc7-88e2-582fb8dd1245
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SM_V9_ZSR       iris    exon    9498832 9499778 .       +       .
        Parent=Smp_022660.1;Name=68eb9a40-5bbc-4431-
a45e-98ea7d81d91e
SM_V9_ZSR       iris    CDS     9486121 9486516 .       +       0
        Parent=Smp_022660.1
SM_V9_ZSR       iris    CDS     9488647 9488823 .       +       0
        Parent=Smp_022660.1
SM_V9_ZSR       iris    CDS     9491786 9492001 .       +       0
        Parent=Smp_022660.1
SM_V9_ZSR       iris    CDS     9496638 9496988 .       +       0
        Parent=Smp_022660.1
SM_V9_ZSR       iris    CDS     9498832 9499149 .       +       0
        Parent=Smp_022660.1
SM_V9_ZSR       iris    gene    9500876 9562549 .       -       .

ID=Smp_340410;geneID=Smp_340410;gene_name=Smp_340410;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    9500876 9562549 .       -       .

ID=Smp_340410.1;Parent=Smp_340410;geneID=Smp_340410;gene_name=Smp_34
0410;owner=irisadmin@local.host;orig_id=Smp_340410.2;date_last_modif
ied=2022-08-02;Name=Smp_340410.1;product=Testis-expressed protein
2;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    9500876 9501779 .       -       .

Parent=Smp_340410.1;Name=1e03da44-3927-42ba-9bb2-7f1f72a6de84
SM_V9_ZSR       iris    exon    9503132 9503314 .       -       .
        Parent=Smp_340410.1;Name=45ed60ca-e006-4053-9569-
e5eaf510e039
SM_V9_ZSR       iris    exon    9506278 9506437 .       -       .

Parent=Smp_340410.1;Name=f98e1d7e-5c42-4377-8d9b-4de32049d27f
SM_V9_ZSR       iris    exon    9512665 9512700 .       -       .
        Parent=Smp_340410.1;Name=8283bf5e-
cc96-44bf-95ee-82ceff25db3f
SM_V9_ZSR       iris    exon    9516212 9516476 .       -       .
        Parent=Smp_340410.1;Name=9a174d1a-704c-4225-
b25a-1c2a1e40ba1f
SM_V9_ZSR       iris    exon    9517808 9517868 .       -       .
        Parent=Smp_340410.1;Name=74180f2b-6e8f-4821-8b94-
e4e7e2e26f59
SM_V9_ZSR       iris    exon    9521282 9521443 .       -       .
        Parent=Smp_340410.1;Name=3c5a5e83-
a95c-4284-845a-9373e798a9ca
SM_V9_ZSR       iris    exon    9522325 9522903 .       -       .
        Parent=Smp_340410.1;Name=2f140fca-d94a-4150-b101-
eedfda885da1
SM_V9_ZSR       iris    exon    9524457 9524756 .       -       .
        Parent=Smp_340410.1;Name=44afdb7b-a569-46e4-
aaf3-290a0d141f08
SM_V9_ZSR       iris    exon    9527651 9527938 .       -       .

Parent=Smp_340410.1;Name=78c6be31-4314-4ca0-89b1-26a45d6ccd70
SM_V9_ZSR       iris    exon    9529829 9530312 .       -       .
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        Parent=Smp_340410.1;Name=ed963b88-b1b3-4c0f-
ae39-00d02a6fce2c
SM_V9_ZSR       iris    exon    9536152 9536531 .       -       .
        Parent=Smp_340410.1;Name=0f96aaa1-
d922-4196-9711-59366c04fcdf
SM_V9_ZSR       iris    exon    9540531 9540849 .       -       .
        Parent=Smp_340410.1;Name=e63cce00-9e4a-429e-
a3c3-15aa15cfe64e
SM_V9_ZSR       iris    exon    9554985 9555295 .       -       .
        Parent=Smp_340410.1;Name=717c4c89-1c2a-480a-
ade4-787fea3fc306
SM_V9_ZSR       iris    exon    9555613 9555808 .       -       .

Parent=Smp_340410.1;Name=04f3664b-57e2-4c20-9fe6-7b99a6232db9
SM_V9_ZSR       iris    exon    9562446 9562549 .       -       .
        Parent=Smp_340410.1;Name=5f21836c-3e5e-4cc0-8707-
ed0feb67791a
SM_V9_ZSR       iris    CDS     9501705 9501779 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9503132 9503314 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9506278 9506437 .       -       1
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9512665 9512700 .       -       1
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9516212 9516476 .       -       2
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9517808 9517868 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9521282 9521443 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9522325 9522903 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9524457 9524756 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9527651 9527938 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9529829 9530312 .       -       1
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9536152 9536531 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9540531 9540849 .       -       1
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9554985 9555295 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9555613 9555808 .       -       1
        Parent=Smp_340410.1
SM_V9_ZSR       iris    CDS     9562446 9562447 .       -       0
        Parent=Smp_340410.1
SM_V9_ZSR       iris    gene    9588935 9599595 .       -       .

ID=Smp_340400;geneID=Smp_340400;gene_name=Smp_340400;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    9588935 9599595 .       -       .
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ID=Smp_340400.1;Parent=Smp_340400;geneID=Smp_340400;gene_name=Smp_34
0400;owner=irisadmin@local.host;orig_id=Smp_340400.1;date_last_modif
ied=2022-10-04;Name=Smp_340400.1;product=Transcription factor
21;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    9588935 9589540 .       -       .
        Parent=Smp_340400.1;Name=99987b5e-2ddf-4292-aad3-
f570f13b677b
SM_V9_ZSR       iris    exon    9598469 9599595 .       -       .
        Parent=Smp_340400.1;Name=56a69a0f-cd59-4895-
be45-5e36bfdc8788
SM_V9_ZSR       iris    CDS     9589079 9589540 .       -       0
        Parent=Smp_340400.1
SM_V9_ZSR       iris    CDS     9598469 9599524 .       -       0
        Parent=Smp_340400.1
SM_V9_ZSR       iris    gene    9605296 9647691 .       -       .

ID=Smp_134260;geneID=Smp_134260;gene_name=Smp_134260;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    9605296 9647691 .       -       .

ID=Smp_134260.1;Parent=Smp_134260;geneID=Smp_134260;gene_name=Smp_13
4260;owner=irisadmin@local.host;orig_id=Smp_134260.1;date_last_modif
ied=2022-09-30;Name=Smp_134260.1;product=Putative serine/threonine-
protein kinase C05D10.2;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    9605296 9605933 .       -       .

Parent=Smp_134260.1;Name=f319ac21-43a8-428e-923b-6401023faad2
SM_V9_ZSR       iris    exon    9625893 9626165 .       -       .
        Parent=Smp_134260.1;Name=c37d2926-20ea-4880-b595-
c54a888d2aea
SM_V9_ZSR       iris    exon    9626866 9627101 .       -       .
        Parent=Smp_134260.1;Name=27c2d070-
cf0e-45b5-9e59-64dbb6134ec4
SM_V9_ZSR       iris    exon    9628754 9628859 .       -       .

Parent=Smp_134260.1;Name=113ed804-95ce-48f0-8d70-527ab2cf70ba
SM_V9_ZSR       iris    exon    9629764 9629853 .       -       .

Parent=Smp_134260.1;Name=e947c111-7587-41b5-925f-84bde6b7a4c6
SM_V9_ZSR       iris    exon    9630865 9630970 .       -       .

Parent=Smp_134260.1;Name=3ff3ba80-4968-4bb1-9993-9dab1390cdd4
SM_V9_ZSR       iris    exon    9631417 9631554 .       -       .

Parent=Smp_134260.1;Name=856d9f95-4207-4493-9c1e-273f819179f5
SM_V9_ZSR       iris    exon    9633035 9633092 .       -       .
        Parent=Smp_134260.1;Name=a40940b3-
e64a-4c21-8bbe-6a696ef1a0ed
SM_V9_ZSR       iris    exon    9638535 9638880 .       -       .
        Parent=Smp_134260.1;Name=2f84374e-9332-4d96-a3c1-
a9c6533dbcdc
SM_V9_ZSR       iris    exon    9647140 9647270 .       -       .
        Parent=Smp_134260.1;Name=4dad2f49-1b1c-4405-b063-
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e31492af77c9
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d28a94b97734
SM_V9_ZSR       iris    exon    9647455 9647553 .       -       .
        Parent=Smp_134260.1;Name=f1297a23-aca7-4f64-9585-
f9a6d301358b
SM_V9_ZSR       iris    exon    9647587 9647691 .       -       .
        Parent=Smp_134260.1;Name=4d6add87-db5b-4bf5-
b090-65d55def3260
SM_V9_ZSR       iris    CDS     9605745 9605933 .       -       0
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9625893 9626165 .       -       0
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9626866 9627101 .       -       2
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9628754 9628859 .       -       0
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SM_V9_ZSR       iris    CDS     9629764 9629853 .       -       0
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9630865 9630970 .       -       1
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9631417 9631554 .       -       1
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SM_V9_ZSR       iris    CDS     9633035 9633092 .       -       2
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9638535 9638880 .       -       0
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9647140 9647270 .       -       2
        Parent=Smp_134260.1
SM_V9_ZSR       iris    CDS     9647303 9647423 .       -       0
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SM_V9_ZSR       iris    CDS     9647455 9647553 .       -       0
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SM_V9_ZSR       iris    CDS     9647587 9647655 .       -       0
        Parent=Smp_134260.1
SM_V9_ZSR       iris    gene    9665320 9697000 .       +       .

ID=Smp_134250;geneID=Smp_134250;gene_name=Smp_134250;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    9665320 9673001 .       +       .

ID=Smp_134250.2;Parent=Smp_134250;geneID=Smp_134250;gene_name=Smp_13
4250;owner=irisadmin@local.host;orig_id=Smp_134250.3;date_last_modif
ied=2022-07-09;Name=Smp_134250.2;product=Bifunctional heparan
sulfate N-deacetylase/N-sulfotransferase 4;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    9665320 9665435 .       +       .

Parent=Smp_134250.2;Name=df06f3f5-0f65-493c-8f0a-3fc9a0e717c4
SM_V9_ZSR       iris    exon    9666065 9666753 .       +       .
        Parent=Smp_134250.2;Name=0d2216fe-e0d9-468b-
b07f-75c233ee8db4
SM_V9_ZSR       iris    exon    9668786 9669094 .       +       .
        Parent=Smp_134250.2;Name=7f84a63d-
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f8f5-4278-885b-38973782083c
SM_V9_ZSR       iris    exon    9672289 9673001 .       +       .
        Parent=Smp_134250.2;Name=20a6a61e-3a8d-4cae-9f9b-
a0a7a52e7139
SM_V9_ZSR       iris    CDS     9666166 9666753 .       +       0
        Parent=Smp_134250.2
SM_V9_ZSR       iris    CDS     9668786 9669094 .       +       0
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SM_V9_ZSR       iris    mRNA    9665320 9697000 .       +       .

ID=Smp_134250.1;Parent=Smp_134250;geneID=Smp_134250;gene_name=Smp_13
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sulfate N-deacetylase/N-sulfotransferase;date_creation=2022-07-09
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b07db7764896
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a5f5-42cd-99de-2091f8a97bfc
SM_V9_ZSR       iris    exon    9672289 9672538 .       +       .
        Parent=Smp_134250.1;Name=4a37236c-ad73-4bbc-
a947-01ab84cbf963
SM_V9_ZSR       iris    exon    9677746 9677843 .       +       .
        Parent=Smp_134250.1;Name=cee9e376-eebc-47eb-
a55a-6bdb9168c074
SM_V9_ZSR       iris    exon    9679231 9679357 .       +       .
        Parent=Smp_134250.1;Name=89c6400c-6e0a-49c3-87fc-
d4a387bc73f3
SM_V9_ZSR       iris    exon    9680372 9680484 .       +       .

Parent=Smp_134250.1;Name=aecb527b-7b2a-4b07-960e-42d1c20ce8e7
SM_V9_ZSR       iris    exon    9680975 9681160 .       +       .
        Parent=Smp_134250.1;Name=063d7afa-5246-4e76-be50-
cb38c555849e
SM_V9_ZSR       iris    exon    9685993 9686121 .       +       .

Parent=Smp_134250.1;Name=38a75da5-859c-43d5-9555-33dcaf98a42d
SM_V9_ZSR       iris    exon    9688322 9688616 .       +       .
        Parent=Smp_134250.1;Name=367b9893-afbb-49b4-
bb1e-438ed70f9d04
SM_V9_ZSR       iris    exon    9689373 9689737 .       +       .

Parent=Smp_134250.1;Name=b4f02e07-2b75-4711-8638-6449979d6d4c
SM_V9_ZSR       iris    exon    9690309 9690569 .       +       .
        Parent=Smp_134250.1;Name=f5c79688-73c9-414d-
b107-28d4963c8b0e
SM_V9_ZSR       iris    exon    9692143 9692252 .       +       .
        Parent=Smp_134250.1;Name=9b824d8f-bcd7-4f8a-902f-
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d25b9deee5a2
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SM_V9_ZSR       iris    CDS     9666166 9666753 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9668786 9669094 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9672289 9672538 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9677746 9677843 .       +       2
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9679231 9679357 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9680372 9680484 .       +       2
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9680975 9681160 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9685993 9686121 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9688322 9688616 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9689373 9689737 .       +       2
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9690309 9690569 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9692143 9692252 .       +       0
        Parent=Smp_134250.1
SM_V9_ZSR       iris    CDS     9696567 9696822 .       +       1
        Parent=Smp_134250.1
SM_V9_ZSR       Liftoff gene    9698901 9701240 .       -       .
        ID=Smp_022570;geneID=Smp_022570
SM_V9_ZSR       Liftoff mRNA    9698901 9701240 .       -       .

ID=Smp_022570.1;Parent=Smp_022570;geneID=Smp_022570;product=Ataxin-7
-like protein 3
SM_V9_ZSR       Liftoff exon    9698901 9699439 .       -       .
        Parent=Smp_022570.1
SM_V9_ZSR       Liftoff exon    9700186 9701240 .       -       .
        Parent=Smp_022570.1
SM_V9_ZSR       Liftoff CDS     9699079 9699439 .       -       1
        Parent=Smp_022570.1
SM_V9_ZSR       Liftoff CDS     9700186 9700523 .       -       0
        Parent=Smp_022570.1
SM_V9_ZSR       iris    gene    9713323 9713958 .       +       .

ID=Smp_337330;geneID=Smp_337330;gene_name=Smp_337330;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    9713323 9713958 .       +       .

ID=Smp_337330.1;Parent=Smp_337330;geneID=Smp_337330;gene_name=Smp_33
7330;owner=irisadmin@local.host;orig_id=Smp_337330.2;date_last_modif
ied=2022-07-18;Name=Smp_337330.1;product=Acetylcholine receptor
subunit delta;date_creation=2022-06-30
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SM_V9_ZSR       iris    exon    9713323 9713625 .       +       .
        Parent=Smp_337330.1;Name=baf408d3-b5ad-46f0-
ba49-952a2c9eb4bf
SM_V9_ZSR       iris    exon    9713662 9713812 .       +       .
        Parent=Smp_337330.1;Name=e0e57018-4fe6-4f6d-
b5b8-1a9e50f864f7
SM_V9_ZSR       iris    exon    9713848 9713958 .       +       .
        Parent=Smp_337330.1;Name=4e594aa7-f8e4-4ac0-
b349-5ccd58468637
SM_V9_ZSR       iris    CDS     9713384 9713625 .       +       0
        Parent=Smp_337330.1
SM_V9_ZSR       iris    CDS     9713662 9713812 .       +       1
        Parent=Smp_337330.1
SM_V9_ZSR       iris    CDS     9713848 9713937 .       +       0
        Parent=Smp_337330.1
SM_V9_ZSR       iris    gene    9723918 9753225 .       +       .

ID=Smp_337335;geneID=Smp_337335;gene_name=Smp_337335;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    9723918 9753225 .       +       .

ID=Smp_337335.1;Parent=Smp_337335;geneID=Smp_337335;gene_name=Smp_33
7335;owner=irisadmin@local.host;orig_id=Smp_337330.1;date_last_modif
ied=2022-07-09;Name=Smp_337335.1;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    9723918 9724133 .       +       .

Parent=Smp_337335.1;Name=d67ecbb5-7482-49fe-9230-9163fbae6cfa
SM_V9_ZSR       iris    exon    9735761 9735912 .       +       .
        Parent=Smp_337335.1;Name=3ad8421b-06bb-4c2a-
bf87-1fa1eb4e71ab
SM_V9_ZSR       iris    exon    9737983 9738027 .       +       .
        Parent=Smp_337335.1;Name=a1797736-2b78-405e-b5ed-
a4732abb9308
SM_V9_ZSR       iris    exon    9749358 9750024 .       +       .
        Parent=Smp_337335.1;Name=a9e9a7fd-3b6a-4de8-96ae-
e000835015a4
SM_V9_ZSR       iris    exon    9752530 9753225 .       +       .
        Parent=Smp_337335.1;Name=42244b8e-ac0d-4b41-b800-
baf324c5ebfa
SM_V9_ZSR       iris    CDS     9724079 9724133 .       +       0
        Parent=Smp_337335.1
SM_V9_ZSR       iris    CDS     9735761 9735912 .       +       2
        Parent=Smp_337335.1
SM_V9_ZSR       iris    CDS     9737983 9738027 .       +       0
        Parent=Smp_337335.1
SM_V9_ZSR       iris    CDS     9749358 9750024 .       +       0
        Parent=Smp_337335.1
SM_V9_ZSR       iris    CDS     9752530 9752957 .       +       2
        Parent=Smp_337335.1
SM_V9_ZSR       Liftoff gene    9755345 9763307 .       +       .
        ID=Smp_102000;geneID=Smp_102000
SM_V9_ZSR       Liftoff mRNA    9755345 9763307 .       +       .

ID=Smp_102000.1;Parent=Smp_102000;geneID=Smp_102000;product=Chorisma
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te synthase
SM_V9_ZSR       Liftoff exon    9755345 9755461 .       +       .
        Parent=Smp_102000.1
SM_V9_ZSR       Liftoff exon    9763155 9763307 .       +       .
        Parent=Smp_102000.1
SM_V9_ZSR       Liftoff CDS     9755345 9755461 .       +       0
        Parent=Smp_102000.1
SM_V9_ZSR       Liftoff CDS     9763155 9763307 .       +       0
        Parent=Smp_102000.1
SM_V9_ZSR       iris    gene    9771576 9826077 .       +       .

ID=Smp_304460;geneID=Smp_304460;gene_name=Smp_304460;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    9771576 9826077 .       +       .

ID=Smp_304460.1;Parent=Smp_304460;geneID=Smp_304460;gene_name=Smp_30
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ied=2022-08-14;Name=Smp_304460.1;product=REST
corepressor;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    9771576 9771739 .       +       .
        Parent=Smp_304460.1;Name=82f05f85-d55b-4a3b-ad64-
d7f99a93c0b3
SM_V9_ZSR       iris    exon    9771872 9772046 .       +       .
        Parent=Smp_304460.1;Name=e5b6a708-9f37-4571-
a956-52a8a1e84d11
SM_V9_ZSR       iris    exon    9772077 9772257 .       +       .
        Parent=Smp_304460.1;Name=a2c24b19-2c53-4ca0-
b6b3-2a958f69d872
SM_V9_ZSR       iris    exon    9790172 9790686 .       +       .
        Parent=Smp_304460.1;Name=072b0b99-5868-43fd-a051-
bfff5d49a160
SM_V9_ZSR       iris    exon    9793268 9793421 .       +       .
        Parent=Smp_304460.1;Name=c059a562-1931-4d04-a265-
ec11742169a3
SM_V9_ZSR       iris    exon    9820222 9820293 .       +       .
        Parent=Smp_304460.1;Name=ca431da6-e1a2-4e04-
ad89-7984e284c597
SM_V9_ZSR       iris    exon    9824646 9824815 .       +       .
        Parent=Smp_304460.1;Name=d8c4c590-8148-443f-
a54c-2f3285ac703e
SM_V9_ZSR       iris    exon    9825397 9826077 .       +       .

Parent=Smp_304460.1;Name=717ee651-06c8-4c1c-8659-33814e0a0586
SM_V9_ZSR       iris    CDS     9771676 9771739 .       +       0
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SM_V9_ZSR       iris    CDS     9771872 9772046 .       +       2
        Parent=Smp_304460.1
SM_V9_ZSR       iris    CDS     9772077 9772257 .       +       1
        Parent=Smp_304460.1
SM_V9_ZSR       iris    CDS     9790172 9790686 .       +       0
        Parent=Smp_304460.1
SM_V9_ZSR       iris    CDS     9793268 9793421 .       +       1
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SM_V9_ZSR       iris    CDS     9820222 9820293 .       +       0
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        Parent=Smp_304460.1
SM_V9_ZSR       iris    CDS     9824646 9824815 .       +       0
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SM_V9_ZSR       iris    CDS     9825397 9825832 .       +       1
        Parent=Smp_304460.1
SM_V9_ZSR       iris    gene    9826526 9833770 .       -       .

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SM_V9_ZSR       iris    mRNA    9826526 9833770 .       -       .

ID=Smp_092880.1;Parent=Smp_092880;geneID=Smp_092880;gene_name=Smp_09
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SM_V9_ZSR       iris    exon    9826526 9827884 .       -       .
        Parent=Smp_092880.1;Name=9382dc3b-
cde0-4c2c-993d-96cbbdd205a6
SM_V9_ZSR       iris    exon    9828959 9829684 .       -       .

Parent=Smp_092880.1;Name=4e850d19-28e6-4d83-8365-64a1630f536c
SM_V9_ZSR       iris    exon    9830569 9831183 .       -       .
        Parent=Smp_092880.1;Name=97cc733f-df33-4b13-
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SM_V9_ZSR       iris    exon    9833240 9833278 .       -       .
        Parent=Smp_092880.1;Name=886e6419-
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SM_V9_ZSR       iris    exon    9833314 9833398 .       -       .
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Parent=Smp_092880.1;Name=62ab91ec-44f7-4286-8a89-9b0bf45817b8
SM_V9_ZSR       iris    exon    9833527 9833599 .       -       .

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SM_V9_ZSR       iris    exon    9833631 9833770 .       -       .
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SM_V9_ZSR       iris    CDS     9828959 9829684 .       -       0
        Parent=Smp_092880.1
SM_V9_ZSR       iris    CDS     9830569 9831183 .       -       0
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SM_V9_ZSR       iris    CDS     9833240 9833278 .       -       0
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SM_V9_ZSR       iris    CDS     9833314 9833398 .       -       1
        Parent=Smp_092880.1
SM_V9_ZSR       iris    CDS     9833432 9833493 .       -       0
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ID=Smp_120360.1;Parent=Smp_120360;geneID=Smp_120360;gene_name=Smp_12
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ied=2022-07-18;Name=Smp_120360.1;product=Superkiller viralicidic
activity 2-like 2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    9866082 9866254 .       +       .

Parent=Smp_120360.1;Name=a2bdb36b-5c03-47f6-9971-9ff7f5e09b55
SM_V9_ZSR       iris    exon    9868427 9868586 .       +       .
        Parent=Smp_120360.1;Name=2c0d5b1a-
e18e-413d-877a-2b6f36016197
SM_V9_ZSR       iris    exon    9868628 9868803 .       +       .
        Parent=Smp_120360.1;Name=92fdf43e-ae8e-4b03-9c08-
e97069d35aa0
SM_V9_ZSR       iris    exon    9871638 9871835 .       +       .

Parent=Smp_120360.1;Name=1b41a6f4-9e22-4210-83bd-720a96f6829a
SM_V9_ZSR       iris    exon    9873401 9873689 .       +       .
        Parent=Smp_120360.1;Name=567819d7-343f-4d7f-88d3-
c2905aabc88a
SM_V9_ZSR       iris    exon    9877150 9877249 .       +       .
        Parent=Smp_120360.1;Name=a3190992-879c-4124-9c3b-
eafad032d1e0
SM_V9_ZSR       iris    exon    9878743 9878877 .       +       .
        Parent=Smp_120360.1;Name=d01702d9-d448-4d41-a4e0-
da35f8dbd99b
SM_V9_ZSR       iris    exon    9879543 9879733 .       +       .

Parent=Smp_120360.1;Name=0c1d20da-613e-4c6f-8e0b-90d4d24f035a
SM_V9_ZSR       iris    exon    9881681 9881782 .       +       .

Parent=Smp_120360.1;Name=ab33e064-361b-4809-877e-845a5bf0b5e2
SM_V9_ZSR       iris    exon    9884990 9885266 .       +       .
        Parent=Smp_120360.1;Name=386c3ac8-91f6-4fb3-
a0b6-7b1857d399dc
SM_V9_ZSR       iris    exon    9888575 9888747 .       +       .
        Parent=Smp_120360.1;Name=3e63cf4d-d15a-4131-
a41e-499f469a73f0
SM_V9_ZSR       iris    exon    9889806 9890252 .       +       .
        Parent=Smp_120360.1;Name=638bc914-0e27-4c72-
b3e7-1de270f2a5ff
SM_V9_ZSR       iris    exon    9890755 9891177 .       +       .
        Parent=Smp_120360.1;Name=b3743548-b67d-4027-be31-
f9acaf026545
SM_V9_ZSR       iris    exon    9892821 9893088 .       +       .
        Parent=Smp_120360.1;Name=a1003b12-6ffa-4381-
a1fe-9d2c92ecf338
SM_V9_ZSR       iris    exon    9893824 9893976 .       +       .
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        Parent=Smp_120360.1;Name=434d0673-a42a-41e9-bc08-
ccf0fdf8372c
SM_V9_ZSR       iris    CDS     9866130 9866254 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9868427 9868586 .       +       1
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9868628 9868803 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9871638 9871835 .       +       1
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9873401 9873689 .       +       1
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9877150 9877249 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9878743 9878877 .       +       2
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9879543 9879733 .       +       2
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9881681 9881782 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9884990 9885266 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9888575 9888747 .       +       2
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9889806 9890252 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9890755 9891177 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9892821 9893088 .       +       0
        Parent=Smp_120360.1
SM_V9_ZSR       iris    CDS     9893824 9893876 .       +       2
        Parent=Smp_120360.1
SM_V9_ZSR       iris    gene    9946569 9948091 .       +       .

ID=Smp_030370;geneID=Smp_030370;gene_name=Smp_030370;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    9946569 9948091 .       +       .

ID=Smp_030370.1;Parent=Smp_030370;geneID=Smp_030370;gene_name=Smp_03
0370;owner=irisadmin@local.host;orig_id=Smp_030370.1;date_last_modif
ied=2022-07-18;Name=Smp_030370.1;product=calreticulin;date_creation=
2022-06-30
SM_V9_ZSR       iris    exon    9946569 9946738 .       +       .
        Parent=Smp_030370.1;Name=d397c9d9-b341-4a29-
b9a9-2c48a8f5e135
SM_V9_ZSR       iris    exon    9946780 9947088 .       +       .
        Parent=Smp_030370.1;Name=e8f114cb-3d17-41f9-
a2fa-5fe8416e498b
SM_V9_ZSR       iris    exon    9947124 9947353 .       +       .
        Parent=Smp_030370.1;Name=b7145763-ea1d-4b5d-
b73d-21a5a3e326ba
SM_V9_ZSR       iris    exon    9947390 9948091 .       +       .
        Parent=Smp_030370.1;Name=a10268ca-cb9d-4bf8-
bbae-1eddcbf0d3c3
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SM_V9_ZSR       iris    CDS     9946657 9946738 .       +       0
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SM_V9_ZSR       iris    CDS     9946780 9947088 .       +       2
        Parent=Smp_030370.1
SM_V9_ZSR       iris    CDS     9947124 9947353 .       +       2
        Parent=Smp_030370.1
SM_V9_ZSR       iris    CDS     9947390 9947950 .       +       0
        Parent=Smp_030370.1
SM_V9_ZSR       Liftoff gene    9955975 9956778 .       -       .
        ID=Smp_138580;geneID=Smp_138580
SM_V9_ZSR       Liftoff mRNA    9955975 9956778 .       -       .

ID=Smp_138580.1;Parent=Smp_138580;geneID=Smp_138580;product=Small
ribosomal subunit biogenesis GTPase RsgA
SM_V9_ZSR       Liftoff exon    9955975 9956778 .       -       .
        Parent=Smp_138580.1
SM_V9_ZSR       Liftoff CDS     9956226 9956483 .       -       0
        Parent=Smp_138580.1
SM_V9_ZSR       iris    gene    9963192 9998510 .       -       .

ID=Smp_138590;geneID=Smp_138590;gene_name=Smp_138590;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    9963192 9998510 .       -       .

ID=Smp_138590.1;Parent=Smp_138590;geneID=Smp_138590;gene_name=Smp_13
8590;owner=irisadmin@local.host;orig_id=Smp_138590.1;date_last_modif
ied=2022-08-02;Name=Smp_138590.1;product=3-hydroxy-3-methylglutaryl-
coenzyme A reductase;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    9963192 9963953 .       -       .
        Parent=Smp_138590.1;Name=e6b670e7-
d67e-444d-9946-498d8268260f
SM_V9_ZSR       iris    exon    9966837 9967115 .       -       .

Parent=Smp_138590.1;Name=1040f0a8-6ddb-4130-8f76-846e1c47e50c
SM_V9_ZSR       iris    exon    9968080 9968202 .       -       .
        Parent=Smp_138590.1;Name=8c672ebd-2e68-4ca5-
ac45-87e8d5870a1e
SM_V9_ZSR       iris    exon    9971610 9971769 .       -       .
        Parent=Smp_138590.1;Name=9cfcdc1d-9fd2-4cad-ba36-
f7b42e3e6744
SM_V9_ZSR       iris    exon    9974520 9974686 .       -       .
        Parent=Smp_138590.1;Name=0674fd50-b769-4f72-
a294-1eb4d3ed0de6
SM_V9_ZSR       iris    exon    9980571 9980789 .       -       .
        Parent=Smp_138590.1;Name=244f94d6-7dd7-474f-
ad67-3519f7736d77
SM_V9_ZSR       iris    exon    9987240 9987365 .       -       .
        Parent=Smp_138590.1;Name=3368bce1-6aa5-42dc-b811-
d384dbd97668
SM_V9_ZSR       iris    exon    9992729 9993269 .       -       .
        Parent=Smp_138590.1;Name=62b3b42e-af6b-4a28-8540-
a8d8f9ce413c
SM_V9_ZSR       iris    exon    9994941 9995242 .       -       .
        Parent=Smp_138590.1;Name=579c59f2-d3de-4ba5-9bea-
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e0f8a6e80281
SM_V9_ZSR       iris    exon    9995283 9995840 .       -       .
        Parent=Smp_138590.1;Name=a258b11a-517b-4fa2-8e20-
c09bfdd9b87f
SM_V9_ZSR       iris    exon    9998236 9998510 .       -       .
        Parent=Smp_138590.1;Name=d2827bcb-085b-4ab8-8d1c-
a27f3f59129b
SM_V9_ZSR       iris    CDS     9963447 9963953 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9966837 9967115 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9968080 9968202 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9971610 9971769 .       -       1
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9974520 9974686 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9980571 9980789 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9987240 9987365 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9992729 9993269 .       -       1
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9994941 9995242 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    CDS     9995283 9995705 .       -       0
        Parent=Smp_138590.1
SM_V9_ZSR       iris    gene    9999073 10000136        .       +
        .
ID=Smp_349460;geneID=Smp_349460;gene_name=Smp_349460;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    9999073 10000136        .       +
        .
ID=Smp_349460.1;Parent=Smp_349460;geneID=Smp_349460;gene_name=Smp_34
9460;owner=irisadmin@local.host;date_last_modified=2022-08-02;Name=S
mp_349460.1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    9999073 9999249 .       +       .
        Parent=Smp_349460.1;Name=df63677c-76d5-46e3-97ea-
bf2c84691f2d
SM_V9_ZSR       iris    exon    9999289 9999391 .       +       .

Parent=Smp_349460.1;Name=ce929c36-6f96-4f30-9ed2-7493a1487c60
SM_V9_ZSR       iris    exon    9999422 9999606 .       +       .
        Parent=Smp_349460.1;Name=Smp_349460.1-CDS
SM_V9_ZSR       iris    exon    9999645 9999862 .       +       .
        Parent=Smp_349460.1;Name=eb0ec212-
b550-438a-89be-786234e33e61
SM_V9_ZSR       iris    exon    9999901 10000136        .       +
        .       Parent=Smp_349460.1;Name=13ffa5b6-8c43-4c27-
b3ca-19a58769fa94
SM_V9_ZSR       iris    CDS     9999543 9999606 .       +       0
        Parent=Smp_349460.1
SM_V9_ZSR       iris    CDS     9999645 9999862 .       +       2
        Parent=Smp_349460.1
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SM_V9_ZSR	iris	gene	10022232	10055047	.
	+	.
ID=Smp_030400;geneID=Smp_030400;gene_name=Smp_030400;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	10022232	10055047	.
	+	.
ID=Smp_030400.1;Parent=Smp_030400;geneID=Smp_030400;gene_name=Smp_03
0400;owner=irisadmin@local.host;orig_id=Smp_030400.1;date_last_modif
ied=2022-07-18;Name=Smp_030400.1;product=cAMP-dependent protein
kinase regulatory subunit;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	10022232	10022445	.
	+	.	Parent=Smp_030400.1;Name=d85769e5-8624-42e5-
b55e-3984428f0169
SM_V9_ZSR	iris	exon	10023691	10024176	.
	+	.
Parent=Smp_030400.1;Name=ac108c80-52e6-4c87-8f11-e00ca306a0ea
SM_V9_ZSR	iris	exon	10024854	10024945	.
	+	.	Parent=Smp_030400.1;Name=4d3b61c4-
a4b9-420b-8290-291ed7918521
SM_V9_ZSR	iris	exon	10032653	10032761	.
	+	.	Parent=Smp_030400.1;Name=befc55e2-
a00f-4565-8432-c641697d4056
SM_V9_ZSR	iris	exon	10037388	10037607	.
	+	.
Parent=Smp_030400.1;Name=cc8f37d5-07e9-49f7-959d-3a83dd1e2f6a
SM_V9_ZSR	iris	exon	10044036	10044157	.
	+	.	Parent=Smp_030400.1;Name=fd9fbd04-20f3-4529-
b8e8-cd9f383b8872
SM_V9_ZSR	iris	exon	10052518	10052599	.
	+	.	Parent=Smp_030400.1;Name=bbaffe19-28eb-49b9-
baf8-ce2c98be32dc
SM_V9_ZSR	iris	exon	10054622	10055047	.
	+	.	Parent=Smp_030400.1;Name=b994b34c-f8c4-47d1-
b941-af0ac1b7de0a
SM_V9_ZSR	iris	CDS	10022296	10022445	.
	+	0	Parent=Smp_030400.1
SM_V9_ZSR	iris	CDS	10023691	10024176	.
	+	0	Parent=Smp_030400.1
SM_V9_ZSR	iris	CDS	10024854	10024945	.
	+	0	Parent=Smp_030400.1
SM_V9_ZSR	iris	CDS	10032653	10032761	.
	+	1	Parent=Smp_030400.1
SM_V9_ZSR	iris	CDS	10037388	10037607	.
	+	0	Parent=Smp_030400.1
SM_V9_ZSR	iris	CDS	10044036	10044157	.
	+	2	Parent=Smp_030400.1
SM_V9_ZSR	iris	CDS	10052518	10052599	.
	+	0	Parent=Smp_030400.1
SM_V9_ZSR	iris	CDS	10054622	10054794	.
	+	2	Parent=Smp_030400.1
SM_V9_ZSR	iris	gene	10058093	10061576	.
	-	.
ID=Smp_022110;geneID=Smp_022110;gene_name=Smp_022110;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
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SM_V9_ZSR	iris	mRNA	10058093	10061576	.
	-	.
ID=Smp_022110.1;Parent=Smp_022110;geneID=Smp_022110;gene_name=Smp_02
2110;owner=irisadmin@local.host;orig_id=Smp_022110.1;date_last_modif
ied=2022-07-18;Name=Smp_022110.1;product=p21-activated protein
kinase-interacting protein 1-like;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	10058093	10059339	.
	-	.
Parent=Smp_022110.1;Name=2f8bf569-80b7-4420-9115-d6377efb3e7c
SM_V9_ZSR	iris	exon	10060014	10060388	.
	-	.
Parent=Smp_022110.1;Name=b2be7520-9d49-476e-9522-65ac0bff1219
SM_V9_ZSR	iris	exon	10061472	10061576	.
	-	.
Parent=Smp_022110.1;Name=fd66d44f-6aa4-46f8-84df-4fa308050a89
SM_V9_ZSR	iris	CDS	10058353	10059339	.
	-	0	Parent=Smp_022110.1
SM_V9_ZSR	iris	CDS	10060014	10060214	.
	-	0	Parent=Smp_022110.1
SM_V9_ZSR	iris	gene	10082986	10098884	.
	+	.
ID=Smp_138600;geneID=Smp_138600;gene_name=Smp_138600;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	10082986	10098884	.
	+	.
ID=Smp_138600.1;Parent=Smp_138600;geneID=Smp_138600;gene_name=Smp_13
8600;owner=irisadmin@local.host;orig_id=Smp_138600.2;date_last_modif
ied=2022-07-18;Name=Smp_138600.1;product=Uncharacterized protein
KIAA0513;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	10082986	10084138	.
	+	.	Parent=Smp_138600.1;Name=4d242994-5bb0-4149-
bc71-4fe2e055541b
SM_V9_ZSR	iris	exon	10086189	10086237	.
	+	.
Parent=Smp_138600.1;Name=cdc5ce62-5c18-485d-948e-671703100be7
SM_V9_ZSR	iris	exon	10088315	10088359	.
	+	.	Parent=Smp_138600.1;Name=ca0c3f86-9e06-4fc5-
afd2-e6a204a6148e
SM_V9_ZSR	iris	exon	10090823	10090970	.
	+	.	Parent=Smp_138600.1;Name=0143f2ef-
dc19-4336-81cf-58ff594be137
SM_V9_ZSR	iris	exon	10091221	10091362	.
	+	.	Parent=Smp_138600.1;Name=84992241-802f-46ac-
aa43-1fe5949aae74
SM_V9_ZSR	iris	exon	10095186	10095227	.
	+	.	Parent=Smp_138600.1;Name=8a133d65-ba94-49ca-
baf4-f668d183cef2
SM_V9_ZSR	iris	exon	10097142	10097236	.
	+	.	Parent=Smp_138600.1;Name=4edde12c-
bb17-498c-9b20-538a09d2c284
SM_V9_ZSR	iris	exon	10098110	10098884	.
	+	.	Parent=Smp_138600.1;Name=98a87d21-
b075-4430-9084-abf6b708093b
SM_V9_ZSR	iris	CDS	10083132	10084138	.
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        +       0       Parent=Smp_138600.1
SM_V9_ZSR       iris    CDS     10086189        10086237        .
        +       1       Parent=Smp_138600.1
SM_V9_ZSR       iris    CDS     10088315        10088359        .
        +       0       Parent=Smp_138600.1
SM_V9_ZSR       iris    CDS     10090823        10090970        .
        +       0       Parent=Smp_138600.1
SM_V9_ZSR       iris    CDS     10091221        10091362        .
        +       2       Parent=Smp_138600.1
SM_V9_ZSR       iris    CDS     10095186        10095227        .
        +       1       Parent=Smp_138600.1
SM_V9_ZSR       iris    CDS     10097142        10097236        .
        +       1       Parent=Smp_138600.1
SM_V9_ZSR       iris    CDS     10098110        10098153        .
        +       2       Parent=Smp_138600.1
SM_V9_ZSR       iris    gene    10104932        10147613        .
        +       .
ID=Smp_138610;geneID=Smp_138610;gene_name=Smp_138610;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    10104932        10147613        .
        +       .
ID=Smp_138610.1;Parent=Smp_138610;geneID=Smp_138610;gene_name=Smp_13
8610;owner=irisadmin@local.host;orig_id=Smp_138610.1;date_last_modif
ied=2022-08-20;Name=Smp_138610.1;product=TP53-binding protein
1;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    10104932        10105229        .
        +       .       Parent=Smp_138610.1;Name=4c4d89dd-
f9be-40b5-89c4-810d330935c7
SM_V9_ZSR       iris    exon    10105262        10105345        .
        +       .       Parent=Smp_138610.1;Name=d7d1c3f0-ebed-45db-
b6f2-b32c6c200e25
SM_V9_ZSR       iris    exon    10105384        10105439        .
        +       .       Parent=Smp_138610.1;Name=e39d74bd-d591-484d-
a14d-ddf515facc20
SM_V9_ZSR       iris    exon    10106648        10106765        .
        +       .       Parent=Smp_138610.1;Name=7df891a0-24ed-4aa6-
ae69-b172319cafff
SM_V9_ZSR       iris    exon    10107807        10107980        .
        +       .       Parent=Smp_138610.1;Name=7984f087-
bb95-4e9a-825a-ce3becdac5fd
SM_V9_ZSR       iris    exon    10108036        10108199        .
        +       .       Parent=Smp_138610.1;Name=ebfb6492-d433-42c4-
b882-0d9bc20f2068
SM_V9_ZSR       iris    exon    10111053        10111163        .
        +       .
Parent=Smp_138610.1;Name=e0ba5565-9f67-4d27-931b-25e3f3e76a2c
SM_V9_ZSR       iris    exon    10112304        10112447        .
        +       .       Parent=Smp_138610.1;Name=8c8d31c0-
f9c8-45e9-80d2-b59eed9eacf8
SM_V9_ZSR       iris    exon    10114629        10114730        .
        +       .
Parent=Smp_138610.1;Name=1db56458-4679-40fc-99ec-dec53cdc65cd
SM_V9_ZSR       iris    exon    10115808        10115906        .
        +       .       Parent=Smp_138610.1;Name=86a53d7b-b4c2-4195-
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ac25-c1aa36f31633
SM_V9_ZSR       iris    exon    10117488        10117626        .
        +       .
Parent=Smp_138610.1;Name=c590bd27-1d18-4cd4-951c-a0be9043a31e
SM_V9_ZSR       iris    exon    10118449        10118530        .
        +       .       Parent=Smp_138610.1;Name=5378c10d-
c7d4-4c3d-934e-56ca24db9dec
SM_V9_ZSR       iris    exon    10119827        10119963        .
        +       .
Parent=Smp_138610.1;Name=ff2778c6-681b-4936-8518-53b7ae35caa0
SM_V9_ZSR       iris    exon    10130804        10130885        .
        +       .       Parent=Smp_138610.1;Name=357750cc-f4a7-49e2-
b0de-e88194b47f93
SM_V9_ZSR       iris    exon    10131509        10131596        .
        +       .       Parent=Smp_138610.1;Name=cabef0a1-
cc6b-4995-9d22-9a47da893255
SM_V9_ZSR       iris    exon    10133917        10134035        .
        +       .       Parent=Smp_138610.1;Name=3e687ae9-56a0-481d-
a36a-2dbee047206d
SM_V9_ZSR       iris    exon    10134875        10135034        .
        +       .       Parent=Smp_138610.1;Name=b47b10b2-9544-4d8f-
a48b-14620317980c
SM_V9_ZSR       iris    exon    10136164        10136307        .
        +       .
Parent=Smp_138610.1;Name=549ca146-775c-4a0b-9441-6e2a1080de98
SM_V9_ZSR       iris    exon    10137030        10137264        .
        +       .
Parent=Smp_138610.1;Name=659eeb29-2b5b-433c-9fd3-d5f7a49c9564
SM_V9_ZSR       iris    exon    10140972        10141133        .
        +       .
Parent=Smp_138610.1;Name=e3debe2b-3add-4466-8729-ead3f2cbdc8c
SM_V9_ZSR       iris    exon    10143092        10143512        .
        +       .       Parent=Smp_138610.1;Name=be0937b5-83d1-4acc-
b936-c295cd73f373
SM_V9_ZSR       iris    exon    10144744        10145086        .
        +       .
Parent=Smp_138610.1;Name=5ce766f6-098a-4be0-92c8-303c5ffbfdf2
SM_V9_ZSR       iris    exon    10146810        10147613        .
        +       .
Parent=Smp_138610.1;Name=8455c619-2af7-46c2-9ad2-71c702bcb032
SM_V9_ZSR       iris    CDS     10104977        10105229        .
        +       0       Parent=Smp_138610.1
SM_V9_ZSR       iris    CDS     10105262        10105345        .
        +       2       Parent=Smp_138610.1
SM_V9_ZSR       iris    CDS     10105384        10105439        .
        +       2       Parent=Smp_138610.1
SM_V9_ZSR       iris    CDS     10106648        10106765        .
        +       0       Parent=Smp_138610.1
SM_V9_ZSR       iris    CDS     10107807        10107980        .
        +       2       Parent=Smp_138610.1
SM_V9_ZSR       iris    CDS     10108036        10108199        .
        +       2       Parent=Smp_138610.1
SM_V9_ZSR       iris    CDS     10111053        10111163        .
        +       0       Parent=Smp_138610.1
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SM_V9_ZSR	iris	CDS	10112304	10112447	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10114629	10114730	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10115808	10115906	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10117488	10117626	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10118449	10118530	.
	+	2	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10119827	10119963	.
	+	1	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10130804	10130885	.
	+	2	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10131509	10131596	.
	+	1	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10133917	10134035	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10134875	10135034	.
	+	1	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10136164	10136307	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10137030	10137264	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10140972	10141133	.
	+	2	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10143092	10143512	.
	+	2	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10144744	10145086	.
	+	1	Parent=Smp_138610.1
SM_V9_ZSR	iris	CDS	10146810	10146944	.
	+	0	Parent=Smp_138610.1
SM_V9_ZSR	iris	gene	10148629	10157330	.
	-	.
ID=Smp_030440;geneID=Smp_030440;gene_name=Smp_030440;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	10148629	10157330	.
	-	.
ID=Smp_030440.1;Parent=Smp_030440;geneID=Smp_030440;gene_name=Smp_03
0440;owner=irisadmin@local.host;orig_id=Smp_030440.1;date_last_modif
ied=2022-07-18;Name=Smp_030440.1;product=C-Myc-binding
protein;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	10148629	10149028	.
	-	.	Parent=Smp_030440.1;Name=5af81c97-1387-4ac6-
a519-922cbe0a18ff
SM_V9_ZSR	iris	exon	10156999	10157047	.
	-	.	Parent=Smp_030440.1;Name=0a7b0625-
f50e-4f5f-9fe3-c313ceb47d34
SM_V9_ZSR	iris	exon	10157083	10157155	.
	-	.	Parent=Smp_030440.1;Name=2c45b420-bd08-4f77-
a247-3dd4b7a53fc7
SM_V9_ZSR	iris	exon	10157190	10157330	.
	-	.	Parent=Smp_030440.1;Name=54dd995c-
ce31-4ca7-82d7-6f300152cbe7
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SM_V9_ZSR	iris	CDS	10148848	10149028	.
	-	1	Parent=Smp_030440.1
SM_V9_ZSR	iris	CDS	10156999	10157047	.
	-	2	Parent=Smp_030440.1
SM_V9_ZSR	iris	CDS	10157083	10157155	.
	-	0	Parent=Smp_030440.1
SM_V9_ZSR	iris	CDS	10157190	10157204	.
	-	0	Parent=Smp_030440.1
SM_V9_ZSR	iris	gene	10163522	10171434	.
	+	.
ID=Smp_347010;geneID=Smp_347010;gene_name=Smp_347010;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	10163522	10171434	.
	+	.
ID=Smp_347010.1;Parent=Smp_347010;geneID=Smp_347010;gene_name=Smp_34
7010;owner=irisadmin@local.host;orig_id=Smp_347010.1;date_last_modif
ied=2022-08-02;Name=Smp_347010.1;product=DNA replication complex
GINS protein PSF3;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	10163522	10163561	.
	+	.
Parent=Smp_347010.1;Name=bda0206f-087e-4c95-8cbc-8dafc565c5f4
SM_V9_ZSR	iris	exon	10167259	10167337	.
	+	.
Parent=Smp_347010.1;Name=0722306f-3ca2-421f-94d4-4b43603a3bbd
SM_V9_ZSR	iris	exon	10167372	10167678	.
	+	.
Parent=Smp_347010.1;Name=67f949b3-6d3c-4ef5-98ad-d98131585ddc
SM_V9_ZSR	iris	exon	10167712	10167861	.
	+	.
Parent=Smp_347010.1;Name=6b984be3-4b4e-495c-8e2a-b6cea22b5134
SM_V9_ZSR	iris	exon	10169166	10169236	.
	+	.
Parent=Smp_347010.1;Name=f289dcfb-0e89-4733-8e47-e9e76f09db19
SM_V9_ZSR	iris	exon	10171089	10171434	.
	+	.	Parent=Smp_347010.1;Name=6088cb2d-25eb-4813-
a57f-d193b4bfda44
SM_V9_ZSR	iris	CDS	10167336	10167337	.
	+	0	Parent=Smp_347010.1
SM_V9_ZSR	iris	CDS	10167372	10167678	.
	+	1	Parent=Smp_347010.1
SM_V9_ZSR	iris	CDS	10167712	10167861	.
	+	0	Parent=Smp_347010.1
SM_V9_ZSR	iris	CDS	10169166	10169236	.
	+	0	Parent=Smp_347010.1
SM_V9_ZSR	iris	CDS	10171089	10171218	.
	+	1	Parent=Smp_347010.1
SM_V9_ZSR	Liftoff	gene	10181657	10182878	.
	-	.	ID=Smp_167870;geneID=Smp_167870
SM_V9_ZSR	Liftoff	mRNA	10181657	10182878	.
	-	.
ID=Smp_167870.1;Parent=Smp_167870;geneID=Smp_167870;product=G-
protein coupled receptor 183-A;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000276,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0007186,GO:0016021
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SM_V9_ZSR       Liftoff exon    10181657        10182878        .
        -       .       Parent=Smp_167870.1
SM_V9_ZSR       Liftoff CDS     10181743        10182819        .
        -       0       Parent=Smp_167870.1
SM_V9_ZSR       iris    gene    10187043        10189103        .
        -       .
ID=Smp_204550;geneID=Smp_204550;gene_name=Smp_204550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    10187043        10189103        .
        -       .
ID=Smp_204550.1;Parent=Smp_204550;geneID=Smp_204550;gene_name=Smp_20
4550;owner=irisadmin@local.host;orig_id=Smp_204550.1;date_last_modif
ied=2022-07-18;Name=Smp_204550.1;product=Cysteinyl leukotriene
receptor 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10187043        10189103        .
        -       .       Parent=Smp_204550.1;Name=Smp_204550.1-CDS
SM_V9_ZSR       iris    CDS     10187581        10188675        .
        -       0       Parent=Smp_204550.1
SM_V9_ZSR       Liftoff gene    10198031        10199552        .
        +       .       ID=Smp_322380;geneID=Smp_322380
SM_V9_ZSR       Liftoff mRNA    10198031        10199552        .
        +       .
ID=Smp_322380.1;Parent=Smp_322380;geneID=Smp_322380;product=Lysine
histidine transporter-like
2;polypeptide_domain=InterPro:IPR017452;Ontology_term=GO:0016021
SM_V9_ZSR       Liftoff exon    10198031        10199552        .
        +       .       Parent=Smp_322380.1
SM_V9_ZSR       Liftoff CDS     10198235        10199302        .
        +       0       Parent=Smp_322380.1
SM_V9_ZSR       iris    gene    10203661        10209601        .
        +       .
ID=Smp_084270;geneID=Smp_084270;gene_name=Smp_084270;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    10203661        10209601        .
        +       .
ID=Smp_084270.1;Parent=Smp_084270;geneID=Smp_084270;gene_name=Smp_08
4270;owner=irisadmin@local.host;orig_id=Smp_084270.1;date_last_modif
ied=2022-07-09;Name=Smp_084270.1;product=G-protein coupled receptor
15;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    10203661        10204696        .
        +       .       Parent=Smp_084270.1;Name=Smp_084270.1-CDS
SM_V9_ZSR       iris    exon    10207908        10209601        .
        +       .       Parent=Smp_084270.1;Name=af2f876d-37e8-485f-
a2a0-b834eef759f3
SM_V9_ZSR       iris    CDS     10204182        10204696        .
        +       0       Parent=Smp_084270.1
SM_V9_ZSR       iris    CDS     10207908        10207908        .
        +       1       Parent=Smp_084270.1
SM_V9_ZSR       iris    gene    10217262        10231257        .
        -       .
ID=Smp_331780;geneID=Smp_331780;gene_name=Smp_331780;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    10217262        10231257        .
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ID=Smp_331780.1;Parent=Smp_331780;geneID=Smp_331780;gene_name=Smp_33
1780;owner=irisadmin@local.host;orig_id=Smp_331780.1;date_last_modif
ied=2022-07-18;Name=Smp_331780.1;product=Wiskott-Aldrich syndrome
protein family member 3;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10217262        10218810        .
        -       .       Parent=Smp_331780.1;Name=3455caf6-
cde3-4b59-80e9-1b4cb44c3a6b
SM_V9_ZSR       iris    exon    10220306        10220770        .
        -       .       Parent=Smp_331780.1;Name=e70f40c3-
d6e5-456f-9025-a4c3d77bc768
SM_V9_ZSR       iris    exon    10221213        10221361        .
        -       .
Parent=Smp_331780.1;Name=0cb10c1a-1884-4c1a-9338-066c78dde7a5
SM_V9_ZSR       iris    exon    10222213        10222747        .
        -       .       Parent=Smp_331780.1;Name=63565a3f-ab9d-4ef7-
bc10-8d2ce581a370
SM_V9_ZSR       iris    exon    10223809        10224012        .
        -       .
Parent=Smp_331780.1;Name=ad07a0c4-1140-413b-9e58-28a081fc9856
SM_V9_ZSR       iris    exon    10224044        10224385        .
        -       .       Parent=Smp_331780.1;Name=b57bcae2-fd4e-41d8-
ae50-5d144ff7217c
SM_V9_ZSR       iris    exon    10231069        10231257        .
        -       .       Parent=Smp_331780.1;Name=2473d02b-8acf-416c-
a881-59f7b84b71c3
SM_V9_ZSR       iris    CDS     10218700        10218810        .
        -       0       Parent=Smp_331780.1
SM_V9_ZSR       iris    CDS     10220306        10220770        .
        -       0       Parent=Smp_331780.1
SM_V9_ZSR       iris    CDS     10221213        10221361        .
        -       2       Parent=Smp_331780.1
SM_V9_ZSR       iris    CDS     10222213        10222747        .
        -       0       Parent=Smp_331780.1
SM_V9_ZSR       iris    CDS     10223809        10224012        .
        -       0       Parent=Smp_331780.1
SM_V9_ZSR       iris    CDS     10224044        10224376        .
        -       0       Parent=Smp_331780.1
SM_V9_ZSR       iris    gene    10244911        10306975        .
        +       .
ID=Smp_266720;geneID=Smp_266720;gene_name=Smp_266720;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    10244911        10306975        .
        +       .
ID=Smp_266720.1;Parent=Smp_266720;geneID=Smp_266720;gene_name=Smp_26
6720;owner=irisadmin@local.host;orig_id=Smp_266720.1;date_last_modif
ied=2022-07-18;Name=Smp_266720.1;product=Hypothetical
protein;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10244911        10244972        .
        +       .       Parent=Smp_266720.1;Name=41089b27-6d33-4b61-
aca1-73452894bdc3
SM_V9_ZSR       iris    exon    10248102        10248376        .
        +       .
Parent=Smp_266720.1;Name=5e2b62fd-074c-4a4a-92fa-6c1d832f37ab
SM_V9_ZSR       iris    exon    10261499        10261933        .
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        +       .       Parent=Smp_266720.1;Name=375fd72b-320e-43c7-
ad45-4067938b90c8
SM_V9_ZSR       iris    exon    10264691        10265315        .
        +       .
Parent=Smp_266720.1;Name=407f7239-635c-4dea-9f00-14e234c8e8b0
SM_V9_ZSR       iris    exon    10274184        10274553        .
        +       .       Parent=Smp_266720.1;Name=343b17ee-8302-4386-
bf27-98e90a240379
SM_V9_ZSR       iris    exon    10304469        10306975        .
        +       .       Parent=Smp_266720.1;Name=4d865f64-c523-476e-
baaa-b868c674367c
SM_V9_ZSR       iris    CDS     10248185        10248376        .
        +       0       Parent=Smp_266720.1
SM_V9_ZSR       iris    CDS     10261499        10261933        .
        +       0       Parent=Smp_266720.1
SM_V9_ZSR       iris    CDS     10264691        10265315        .
        +       0       Parent=Smp_266720.1
SM_V9_ZSR       iris    CDS     10274184        10274553        .
        +       2       Parent=Smp_266720.1
SM_V9_ZSR       iris    CDS     10304469        10305858        .
        +       1       Parent=Smp_266720.1
SM_V9_ZSR       Liftoff gene    10352511        10353797        .
        -       .       ID=Smp_192670;geneID=Smp_192670
SM_V9_ZSR       Liftoff mRNA    10352511        10353797        .
        -       .
ID=Smp_192670.1;Parent=Smp_192670;geneID=Smp_192670;product=Serine-
threonine kinase receptor-associated
protein;polypeptide_domain=InterPro:IPR001680,IPR011047,IPR015943,IP
R017986 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    10352511        10352981        .
        -       .       Parent=Smp_192670.1
SM_V9_ZSR       Liftoff exon    10353378        10353797        .
        -       .       Parent=Smp_192670.1
SM_V9_ZSR       Liftoff CDS     10352725        10352981        .
        -       2       Parent=Smp_192670.1
SM_V9_ZSR       Liftoff CDS     10353378        10353768        .
        -       0       Parent=Smp_192670.1
SM_V9_ZSR       Liftoff gene    10364581        10369246        .
        +       .       ID=Smp_174390;geneID=Smp_174390
SM_V9_ZSR       Liftoff mRNA    10364581        10369246        .
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ID=Smp_174390.1;Parent=Smp_174390;geneID=Smp_174390;product=Serine-
threonine kinase receptor-associated
protein;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986,IP
R019775,IPR020472 Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    10364581        10364757        .
        +       .       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff exon    10366866        10367162        .
        +       .       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff exon    10367269        10367368        .
        +       .       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff exon    10368051        10368379        .
        +       .       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff exon    10368776        10369246        .
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        +       .       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff CDS     10364640        10364757        .
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SM_V9_ZSR       Liftoff CDS     10366866        10367162        .
        +       2       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff CDS     10367269        10367368        .
        +       2       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff CDS     10368051        10368379        .
        +       1       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff CDS     10368776        10369032        .
        +       2       Parent=Smp_174390.1
SM_V9_ZSR       Liftoff gene    10377503        10405357        .
        -       .       ID=Smp_095290;geneID=Smp_095290
SM_V9_ZSR       Liftoff mRNA    10377503        10405357        .
        -       .
ID=Smp_095290.1;Parent=Smp_095290;geneID=Smp_095290;product=Transcri
ption factor Ovo-like 2;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    10377503        10378267        .
        -       .       Parent=Smp_095290.1
SM_V9_ZSR       Liftoff exon    10385013        10385192        .
        -       .       Parent=Smp_095290.1
SM_V9_ZSR       Liftoff exon    10392826        10392952        .
        -       .       Parent=Smp_095290.1
SM_V9_ZSR       Liftoff exon    10403976        10405357        .
        -       .       Parent=Smp_095290.1
SM_V9_ZSR       Liftoff CDS     10377990        10378267        .
        -       2       Parent=Smp_095290.1
SM_V9_ZSR       Liftoff CDS     10385013        10385192        .
        -       2       Parent=Smp_095290.1
SM_V9_ZSR       Liftoff CDS     10392826        10392952        .
        -       0       Parent=Smp_095290.1
SM_V9_ZSR       Liftoff CDS     10403976        10404956        .
        -       0       Parent=Smp_095290.1
SM_V9_ZSR       iris    gene    10487751        10525387        .
        +       .
ID=Smp_174380;geneID=Smp_174380;gene_name=Smp_174380;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    10487751        10525387        .
        +       .
ID=Smp_174380.1;Parent=Smp_174380;geneID=Smp_174380;gene_name=Smp_17
4380;owner=irisadmin@local.host;orig_id=Smp_174380.3;date_last_modif
ied=2022-07-18;Name=Smp_174380.1;product=F-box/LRR-repeat protein
16;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10487751        10488054        .
        +       .       Parent=Smp_174380.1;Name=05881ae3-
dcca-4f92-9a9a-191ed2688fe3
SM_V9_ZSR       iris    exon    10511468        10514025        .
        +       .
Parent=Smp_174380.1;Name=f3c733bb-2086-4f20-970a-ecc5740520d6
SM_V9_ZSR       iris    exon    10523025        10523173        .
        +       .
Parent=Smp_174380.1;Name=a993d54a-169e-4cda-84a7-57fa7426dea5
SM_V9_ZSR       iris    exon    10524902        10525387        .
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        +       .
Parent=Smp_174380.1;Name=38e510e5-93a4-40be-8c89-ecc7d957fd76
SM_V9_ZSR       iris    CDS     10511492        10514025        .
        +       0       Parent=Smp_174380.1
SM_V9_ZSR       iris    CDS     10523025        10523173        .
        +       1       Parent=Smp_174380.1
SM_V9_ZSR       iris    CDS     10524902        10525050        .
        +       2       Parent=Smp_174380.1
SM_V9_ZSR       Liftoff gene    10525209        10543807        .
        -       .       ID=Smp_174370;geneID=Smp_174370
SM_V9_ZSR       Liftoff mRNA    10525209        10543807        .
        -       .
ID=Smp_174370.1;Parent=Smp_174370;geneID=Smp_174370;product=DNA-
directed RNA polymerase III subunit
RPC8;polypeptide_domain=InterPro:IPR005576,IPR012340,IPR013238
Pfam:PF03876,PF08292;Ontology_term=GO:0003899,GO:0006351
SM_V9_ZSR       Liftoff exon    10525209        10525615        .
        -       .       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff exon    10538682        10538823        .
        -       .       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff exon    10540366        10540452        .
        -       .       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff exon    10540491        10540641        .
        -       .       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff exon    10540681        10540777        .
        -       .       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff exon    10543635        10543807        .
        -       .       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff CDS     10525565        10525615        .
        -       0       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff CDS     10538682        10538823        .
        -       1       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff CDS     10540366        10540452        .
        -       1       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff CDS     10540491        10540641        .
        -       2       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff CDS     10540681        10540777        .
        -       0       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff CDS     10543635        10543724        .
        -       0       Parent=Smp_174370.1
SM_V9_ZSR       Liftoff gene    10559001        10563575        .
        +       .
ID=Smp_341590;geneID=Smp_341590;previous_systematic_id=Smp_095250
SM_V9_ZSR       Liftoff mRNA    10559001        10559781        .
        +       .
ID=Smp_341590.1;Parent=Smp_341590;geneID=Smp_341590;product=Metallop
rotease PmbA homolog
SM_V9_ZSR       Liftoff exon    10559001        10559781        .
        +       .       Parent=Smp_341590.1
SM_V9_ZSR       Liftoff CDS     10559147        10559530        .
        +       0       Parent=Smp_341590.1
SM_V9_ZSR       Liftoff mRNA    10559001        10563575        .
        +       .
ID=Smp_341590.2;Parent=Smp_341590;geneID=Smp_341590;product=Metallop
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rotease PmbA homolog
SM_V9_ZSR       Liftoff exon    10559001        10563575        .
        +       .       Parent=Smp_341590.2
SM_V9_ZSR       Liftoff CDS     10559147        10559530        .
        +       0       Parent=Smp_341590.2
SM_V9_ZSR       iris    gene    10602878        10619280        .
        -       .
ID=Smp_166500;geneID=Smp_166500;gene_name=Smp_166500;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    10602878        10619280        .
        -       .
ID=Smp_166500.1;Parent=Smp_166500;geneID=Smp_166500;gene_name=Smp_16
6500;owner=irisadmin@local.host;orig_id=Smp_166500.1;date_last_modif
ied=2022-07-09;Name=Smp_166500.1;product=Group XV phospholipase
A2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10602878        10603756        .
        -       .
Parent=Smp_166500.1;Name=36eed964-037f-4b38-9361-2ae612c00340
SM_V9_ZSR       iris    exon    10611469        10611681        .
        -       .
Parent=Smp_166500.1;Name=05e3249e-54b4-497a-9d6a-ecb5f76dba37
SM_V9_ZSR       iris    exon    10613699        10613967        .
        -       .       Parent=Smp_166500.1;Name=ee992634-2f0f-469a-
b6d4-74e634e8e0b7
SM_V9_ZSR       iris    exon    10616665        10616856        .
        -       .
Parent=Smp_166500.1;Name=25b74fd8-5e21-4826-8b45-ab64ee69d741
SM_V9_ZSR       iris    exon    10618440        10618667        .
        -       .
Parent=Smp_166500.1;Name=c0c9d589-411d-41e3-8abb-7df684267b5b
SM_V9_ZSR       iris    exon    10618704        10618924        .
        -       .       Parent=Smp_166500.1;Name=b75f931d-6268-4fda-
ab81-11cb1f004420
SM_V9_ZSR       iris    exon    10618961        10619145        .
        -       .       Parent=Smp_166500.1;Name=e31a030e-
f874-4f0a-811c-8ad927050c07
SM_V9_ZSR       iris    exon    10619179        10619280        .
        -       .
Parent=Smp_166500.1;Name=3791ac62-11bb-4520-9dc7-8786d562ad55
SM_V9_ZSR       iris    CDS     10611562        10611681        .
        -       0       Parent=Smp_166500.1
SM_V9_ZSR       iris    CDS     10613699        10613967        .
        -       2       Parent=Smp_166500.1
SM_V9_ZSR       iris    CDS     10616665        10616856        .
        -       2       Parent=Smp_166500.1
SM_V9_ZSR       iris    CDS     10618440        10618667        .
        -       2       Parent=Smp_166500.1
SM_V9_ZSR       iris    CDS     10618704        10618924        .
        -       1       Parent=Smp_166500.1
SM_V9_ZSR       iris    CDS     10618961        10619145        .
        -       0       Parent=Smp_166500.1
SM_V9_ZSR       iris    CDS     10619179        10619205        .
        -       0       Parent=Smp_166500.1
SM_V9_ZSR       iris    mRNA    10613322        10619280        .
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        -       .
ID=Smp_166500.2;Parent=Smp_166500;geneID=Smp_166500;gene_name=Smp_16
6500;owner=irisadmin@local.host;orig_id=Smp_166500.1;date_last_modif
ied=2022-07-09;Name=Smp_166500.2;product=Group XV phospholipase
A2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10613322        10613967        .
        -       .       Parent=Smp_166500.2;Name=240e69ff-f1b1-4d74-
b0cf-000052b02882
SM_V9_ZSR       iris    exon    10616665        10616856        .
        -       .       Parent=Smp_166500.2;Name=4ea2e5a7-82f7-4c3f-
af2d-436ad0951e08
SM_V9_ZSR       iris    exon    10618440        10618667        .
        -       .       Parent=Smp_166500.2;Name=b016a0c2-
eafe-43df-8393-afb42a87cd18
SM_V9_ZSR       iris    exon    10618704        10618924        .
        -       .       Parent=Smp_166500.2;Name=b2483c53-0429-4545-
aa16-9be253e75825
SM_V9_ZSR       iris    exon    10618961        10619145        .
        -       .       Parent=Smp_166500.2;Name=53566cd4-
a018-4a47-9f4b-7143bf992445
SM_V9_ZSR       iris    exon    10619179        10619280        .
        -       .       Parent=Smp_166500.2;Name=fcd2383d-2091-4c86-
a852-e70acebf674a
SM_V9_ZSR       iris    CDS     10613612        10613967        .
        -       2       Parent=Smp_166500.2
SM_V9_ZSR       iris    CDS     10616665        10616856        .
        -       2       Parent=Smp_166500.2
SM_V9_ZSR       iris    CDS     10618440        10618667        .
        -       2       Parent=Smp_166500.2
SM_V9_ZSR       iris    CDS     10618704        10618924        .
        -       1       Parent=Smp_166500.2
SM_V9_ZSR       iris    CDS     10618961        10619145        .
        -       0       Parent=Smp_166500.2
SM_V9_ZSR       iris    CDS     10619179        10619205        .
        -       0       Parent=Smp_166500.2
SM_V9_ZSR       Liftoff gene    10627184        10631228        .
        +       .       ID=Smp_322410;geneID=Smp_322410
SM_V9_ZSR       Liftoff mRNA    10627184        10631228        .
        +       .
ID=Smp_322410.1;Parent=Smp_322410;geneID=Smp_322410;product=ATP
synthase subunit delta,
mitochondrial;polypeptide_domain=InterPro:IPR001469,IPR020546,IPR020
547 Pfam:PF02823;Ontology_term=GO:0015986,GO:0045261,GO:0046933
SM_V9_ZSR       Liftoff exon    10627184        10627208        .
        +       .       Parent=Smp_322410.1
SM_V9_ZSR       Liftoff exon    10628227        10628488        .
        +       .       Parent=Smp_322410.1
SM_V9_ZSR       Liftoff exon    10630878        10631228        .
        +       .       Parent=Smp_322410.1
SM_V9_ZSR       Liftoff CDS     10627206        10627208        .
        +       0       Parent=Smp_322410.1
SM_V9_ZSR       Liftoff CDS     10628227        10628488        .
        +       0       Parent=Smp_322410.1
SM_V9_ZSR       Liftoff CDS     10630878        10631098        .
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        +       2       Parent=Smp_322410.1
SM_V9_ZSR       iris    gene    10637006        10688350        .
        -       .
ID=Smp_246330;geneID=Smp_246330;gene_name=Smp_246330;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    10637006        10688350        .
        -       .
ID=Smp_246330.1;Parent=Smp_246330;geneID=Smp_246330;gene_name=Smp_24
6330;owner=irisadmin@local.host;orig_id=Smp_246330.1;date_last_modif
ied=2022-07-18;Name=Smp_246330.1;product=Ectonucleoside triphosphate
diphosphohydrolase 4;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10637006        10637656        .
        -       .       Parent=Smp_246330.1;Name=81740e75-1632-495f-
a430-f90fe804d91f
SM_V9_ZSR       iris    exon    10641003        10641149        .
        -       .       Parent=Smp_246330.1;Name=bd311f43-f527-4ffd-
bf83-c94a8bdc6088
SM_V9_ZSR       iris    exon    10645400        10645426        .
        -       .       Parent=Smp_246330.1;Name=46fae70b-
af44-4c06-9e18-20080cda6cd6
SM_V9_ZSR       iris    exon    10666648        10666721        .
        -       .
Parent=Smp_246330.1;Name=9a238f4e-3520-4665-910f-4d47bab332c0
SM_V9_ZSR       iris    exon    10671161        10671385        .
        -       .
Parent=Smp_246330.1;Name=d5a7aeb9-8f27-470d-9011-9636fb5132bf
SM_V9_ZSR       iris    exon    10673046        10673153        .
        -       .       Parent=Smp_246330.1;Name=2dd4603d-2226-4ed1-
b3b9-cebccaa2a2c3
SM_V9_ZSR       iris    exon    10686307        10686376        .
        -       .       Parent=Smp_246330.1;Name=f736cc29-4240-49cd-
a1d0-abcc9625eba1
SM_V9_ZSR       iris    exon    10686915        10687119        .
        -       .       Parent=Smp_246330.1;Name=5ca97466-e525-4370-
bda9-5c291ed511c9
SM_V9_ZSR       iris    exon    10687448        10687617        .
        -       .       Parent=Smp_246330.1;Name=4cbb8206-7db8-41ae-
a2e1-4607940ccf4e
SM_V9_ZSR       iris    exon    10687660        10687936        .
        -       .       Parent=Smp_246330.1;Name=e26c86be-
f33e-46bb-908c-f170d0ee606f
SM_V9_ZSR       iris    exon    10687970        10688350        .
        -       .       Parent=Smp_246330.1;Name=7f4e3755-1146-402f-
b032-3de9b910c727
SM_V9_ZSR       iris    CDS     10637419        10637656        .
        -       1       Parent=Smp_246330.1
SM_V9_ZSR       iris    CDS     10641003        10641149        .
        -       1       Parent=Smp_246330.1
SM_V9_ZSR       iris    CDS     10645400        10645426        .
        -       1       Parent=Smp_246330.1
SM_V9_ZSR       iris    CDS     10666648        10666721        .
        -       0       Parent=Smp_246330.1
SM_V9_ZSR       iris    CDS     10671161        10671385        .
        -       0       Parent=Smp_246330.1
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SM_V9_ZSR	iris	CDS	10673046	10673153	.
	-	0	Parent=Smp_246330.1
SM_V9_ZSR	iris	CDS	10686307	10686376	.
	-	1	Parent=Smp_246330.1
SM_V9_ZSR	iris	CDS	10686915	10687119	.
	-	2	Parent=Smp_246330.1
SM_V9_ZSR	iris	CDS	10687448	10687617	.
	-	1	Parent=Smp_246330.1
SM_V9_ZSR	iris	CDS	10687660	10687936	.
	-	2	Parent=Smp_246330.1
SM_V9_ZSR	iris	CDS	10687970	10688090	.
	-	0	Parent=Smp_246330.1
SM_V9_ZSR	iris	gene	10705913	10711085	.
	-	.
ID=Smp_166530;geneID=Smp_166530;gene_name=Smp_166530;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	10705913	10711085	.
	-	.
ID=Smp_166530.1;Parent=Smp_166530;geneID=Smp_166530;gene_name=Smp_16
6530;owner=irisadmin@local.host;orig_id=Smp_166530.1;date_last_modif
ied=2022-07-18;Name=Smp_166530.1;product=Group XV phospholipase
A2;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	10705913	10706423	.
	-	.	Parent=Smp_166530.1;Name=7464c428-3517-43ca-
bc00-45907e3b275e
SM_V9_ZSR	iris	exon	10706872	10707063	.
	-	.	Parent=Smp_166530.1;Name=d914e372-55a4-4a30-
be4b-b4c5136974bf
SM_V9_ZSR	iris	exon	10710163	10710390	.
	-	.	Parent=Smp_166530.1;Name=9831e4a2-cc94-4471-
a7bb-9b43cea09dbd
SM_V9_ZSR	iris	exon	10710437	10710657	.
	-	.	Parent=Smp_166530.1;Name=6c433f31-7d52-4ae4-
baa7-bf9f322cc4ec
SM_V9_ZSR	iris	exon	10710721	10710926	.
	-	.	Parent=Smp_166530.1;Name=f421d108-
fd5d-4141-892a-44408113409c
SM_V9_ZSR	iris	exon	10710974	10711085	.
	-	.	Parent=Smp_166530.1;Name=7b83d3d3-992f-4d9d-
bb60-283e92f65bb7
SM_V9_ZSR	iris	CDS	10706080	10706423	.
	-	2	Parent=Smp_166530.1
SM_V9_ZSR	iris	CDS	10706872	10707063	.
	-	2	Parent=Smp_166530.1
SM_V9_ZSR	iris	CDS	10710163	10710390	.
	-	2	Parent=Smp_166530.1
SM_V9_ZSR	iris	CDS	10710437	10710657	.
	-	1	Parent=Smp_166530.1
SM_V9_ZSR	iris	CDS	10710721	10710926	.
	-	0	Parent=Smp_166530.1
SM_V9_ZSR	iris	CDS	10710974	10711003	.
	-	0	Parent=Smp_166530.1
SM_V9_ZSR	iris	gene	10723357	10747390	.
	-	.
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ID=Smp_304500;geneID=Smp_304500;gene_name=Smp_304500;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    10723357        10747390        .
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ID=Smp_304500.1;Parent=Smp_304500;geneID=Smp_304500;gene_name=Smp_30
4500;owner=irisadmin@local.host;orig_id=Smp_304500.2;date_last_modif
ied=2022-07-18;Name=Smp_304500.1;product=Serine/threonine-protein
kinase Nek11;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    10723357        10723754        .
        -       .       Parent=Smp_304500.1;Name=a02ebc6e-7da9-4bd2-
a37f-0ab50bbfea40
SM_V9_ZSR       iris    exon    10725858        10725942        .
        -       .       Parent=Smp_304500.1;Name=6757358a-0a00-4ab2-
b5f3-9a765fc030ec
SM_V9_ZSR       iris    exon    10727158        10727385        .
        -       .       Parent=Smp_304500.1;Name=f6c91cf4-
e9d2-4496-823e-b7f5b59dc30c
SM_V9_ZSR       iris    exon    10729162        10729536        .
        -       .       Parent=Smp_304500.1;Name=2d49f2af-
e8db-455b-8343-06fa3c9add2d
SM_V9_ZSR       iris    exon    10731418        10731601        .
        -       .       Parent=Smp_304500.1;Name=1390ccff-c464-4a6d-
b5ec-7fda31e653a4
SM_V9_ZSR       iris    exon    10733303        10733378        .
        -       .
Parent=Smp_304500.1;Name=129eea7f-2940-4aa8-863e-bf3dafbce472
SM_V9_ZSR       iris    exon    10734353        10734559        .
        -       .       Parent=Smp_304500.1;Name=95b70e1b-24a9-4817-
b0c7-dbc1cc6c288d
SM_V9_ZSR       iris    exon    10735832        10735911        .
        -       .
Parent=Smp_304500.1;Name=050f7d1b-1db0-44a4-8cbb-197a4f3c6917
SM_V9_ZSR       iris    exon    10736770        10736848        .
        -       .       Parent=Smp_304500.1;Name=143f346d-
a44a-4c39-96f2-19c61b8d39ec
SM_V9_ZSR       iris    exon    10737978        10738127        .
        -       .       Parent=Smp_304500.1;Name=9f4ea2d5-f488-4bdc-
ac59-b394f825e208
SM_V9_ZSR       iris    exon    10740654        10740815        .
        -       .       Parent=Smp_304500.1;Name=622460fc-
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SM_V9_ZSR       iris    exon    10742168        10742316        .
        -       .
Parent=Smp_304500.1;Name=52936076-634d-4ede-8c66-ea53fb069d69
SM_V9_ZSR       iris    exon    10746973        10747147        .
        -       .       Parent=Smp_304500.1;Name=9d02bb16-
f473-4f7a-8793-aaa286e619cb
SM_V9_ZSR       iris    exon    10747183        10747390        .
        -       .
Parent=Smp_304500.1;Name=2394382d-8487-48be-861c-9df66194adbe
SM_V9_ZSR       iris    CDS     10723493        10723754        .
        -       1       Parent=Smp_304500.1
SM_V9_ZSR       iris    CDS     10725858        10725942        .
        -       2       Parent=Smp_304500.1
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SM_V9_ZSR	iris	CDS	10727158	10727385	.
	-	2	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10729162	10729536	.
	-	2	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10731418	10731601	.
	-	0	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10733303	10733378	.
	-	1	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10734353	10734559	.
	-	1	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10735832	10735911	.
	-	0	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10736770	10736848	.
	-	1	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10737978	10738127	.
	-	1	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10740654	10740815	.
	-	1	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10742168	10742316	.
	-	0	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10746973	10747147	.
	-	1	Parent=Smp_304500.1
SM_V9_ZSR	iris	CDS	10747183	10747301	.
	-	0	Parent=Smp_304500.1
SM_V9_ZSR	iris	gene	10756107	10762333	.
	+	.
ID=Smp_166550;geneID=Smp_166550;gene_name=Smp_166550 ;owner=irisadmi
n@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_ZSR	iris	mRNA	10756107	10762333	.
	+	.
ID=Smp_166550.1;Parent=Smp_166550;geneID=Smp_166550;gene_name=Smp_16
6550 ;owner=irisadmin@local.host;orig_id=Smp_166550.1;date_last_modi
fied=2022-07-31;Name=Smp_166550.1;product=Translation initiation
factor eIF-2B subunit delta;date_creation=2022-07-30
SM_V9_ZSR	iris	exon	10756107	10756226	.
	+	.	Parent=Smp_166550.1;Name=aec8eecd-
d800-4390-9544-550c842b5b18
SM_V9_ZSR	iris	exon	10756260	10756362	.
	+	.	Parent=Smp_166550.1;Name=e1258b52-
fdab-43d9-94bb-862c54d5e406
SM_V9_ZSR	iris	exon	10756398	10756493	.
	+	.	Parent=Smp_166550.1;Name=77cd7aad-
ebff-49ce-9344-ab59a58640dd
SM_V9_ZSR	iris	exon	10756532	10756670	.
	+	.	Parent=Smp_166550.1;Name=867e33b9-ddfe-47bb-
bda7-96ba56f4835f
SM_V9_ZSR	iris	exon	10757716	10758049	.
	+	.
Parent=Smp_166550.1;Name=2e143b8b-46d6-4ecb-9f33-817b4cc07383
SM_V9_ZSR	iris	exon	10759221	10759634	.
	+	.	Parent=Smp_166550.1;Name=cdde2328-2522-4a32-
a996-e0b5c62c38c8
SM_V9_ZSR	iris	exon	10761771	10762333	.
	+	.
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Parent=Smp_166550.1;Name=ee994ee6-9c6a-44d2-9a48-b66a9376f3c7
SM_V9_ZSR       iris    CDS     10756152        10756226        .
        +       0       Parent=Smp_166550.1
SM_V9_ZSR       iris    CDS     10756260        10756362        .
        +       0       Parent=Smp_166550.1
SM_V9_ZSR       iris    CDS     10756398        10756493        .
        +       2       Parent=Smp_166550.1
SM_V9_ZSR       iris    CDS     10756532        10756670        .
        +       2       Parent=Smp_166550.1
SM_V9_ZSR       iris    CDS     10757716        10758049        .
        +       1       Parent=Smp_166550.1
SM_V9_ZSR       iris    CDS     10759221        10759634        .
        +       0       Parent=Smp_166550.1
SM_V9_ZSR       iris    CDS     10761771        10762235        .
        +       0       Parent=Smp_166550.1
SM_V9_ZSR       Liftoff gene    10795236        10844140        .
        +       .       ID=Smp_166560;geneID=Smp_166560
SM_V9_ZSR       Liftoff mRNA    10795236        10844140        .
        +       .
ID=Smp_166560.1;Parent=Smp_166560;geneID=Smp_166560;product=Zinc
finger protein 1;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    10795236        10795869        .
        +       .       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff exon    10821325        10823831        .
        +       .       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff exon    10827800        10828109        .
        +       .       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff exon    10843642        10844140        .
        +       .       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff CDS     10795788        10795869        .
        +       0       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff CDS     10821325        10823831        .
        +       2       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff CDS     10827800        10828109        .
        +       0       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff CDS     10843642        10843661        .
        +       2       Parent=Smp_166560.1
SM_V9_ZSR       Liftoff mRNA    10795236        10844140        .
        +       .
ID=Smp_166560.2;Parent=Smp_166560;geneID=Smp_166560;product=Zinc
finger E-box-binding homeobox protein
zag-1;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    10795236        10795869        .
        +       .       Parent=Smp_166560.2
SM_V9_ZSR       Liftoff exon    10821325        10823831        .
        +       .       Parent=Smp_166560.2
SM_V9_ZSR       Liftoff exon    10827800        10828109        .
        +       .       Parent=Smp_166560.2
SM_V9_ZSR       Liftoff exon    10842919        10844140        .
        +       .       Parent=Smp_166560.2
SM_V9_ZSR       Liftoff CDS     10795788        10795869        .
        +       0       Parent=Smp_166560.2
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SM_V9_ZSR	Liftoff	CDS	10821325	10823831	.
	+	2	Parent=Smp_166560.2
SM_V9_ZSR	Liftoff	CDS	10827800	10828109	.
	+	0	Parent=Smp_166560.2
SM_V9_ZSR	Liftoff	CDS	10842919	10843103	.
	+	2	Parent=Smp_166560.2
SM_V9_ZSR	iris	gene	10884009	10889924	.
	-	.
ID=Smp_345650;geneID=Smp_345650;gene_name=Smp_345650;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR	iris	mRNA	10884009	10889924	.
	-	.
ID=Smp_345650.1;Parent=Smp_345650;geneID=Smp_345650;gene_name=Smp_34
5650;owner=irisadmin@local.host;orig_id=Smp_345650.1;date_last_modif
ied=2022-07-09;Name=Smp_345650.1;product=Histone-lysine N-
methyltransferase PRDM9;date_creation=2022-07-09
SM_V9_ZSR	iris	exon	10884009	10885130	.
	-	.	Parent=Smp_345650.1;Name=9eca9bd3-0eec-4316-
a793-2d0b3db97c32
SM_V9_ZSR	iris	exon	10886013	10886096	.
	-	.
Parent=Smp_345650.1;Name=e0ce630d-0973-49f4-9e2d-7691b496ff77
SM_V9_ZSR	iris	exon	10886491	10886656	.
	-	.
Parent=Smp_345650.1;Name=2476f9c1-865a-4e6d-98fe-872989bf8c2e
SM_V9_ZSR	iris	exon	10887315	10887484	.
	-	.	Parent=Smp_345650.1;Name=9830ffdc-2e09-47f7-
a66e-c721170cdda7
SM_V9_ZSR	iris	exon	10887973	10888501	.
	-	.	Parent=Smp_345650.1;Name=af2a7e28-0a20-42ad-
bdef-f665345d0152
SM_V9_ZSR	iris	exon	10889241	10889335	.
	-	.
Parent=Smp_345650.1;Name=c8e518d4-63ff-4779-8a1d-315e4e9ec165
SM_V9_ZSR	iris	exon	10889799	10889924	.
	-	.
Parent=Smp_345650.1;Name=76ecd874-0a81-49dd-9ae0-c799ba5f4562
SM_V9_ZSR	iris	CDS	10884103	10885130	.
	-	2	Parent=Smp_345650.1
SM_V9_ZSR	iris	CDS	10886013	10886096	.
	-	2	Parent=Smp_345650.1
SM_V9_ZSR	iris	CDS	10886491	10886656	.
	-	0	Parent=Smp_345650.1
SM_V9_ZSR	iris	CDS	10887315	10887484	.
	-	2	Parent=Smp_345650.1
SM_V9_ZSR	iris	CDS	10887973	10888501	.
	-	0	Parent=Smp_345650.1
SM_V9_ZSR	iris	CDS	10889241	10889335	.
	-	2	Parent=Smp_345650.1
SM_V9_ZSR	iris	CDS	10889799	10889886	.
	-	0	Parent=Smp_345650.1
SM_V9_ZSR	iris	gene	10923491	10943300	.
	-	.
ID=Smp_166580;geneID=Smp_166580;gene_name=Smp_166580;owner=irisadmin
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@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    10923491        10943300        .
        -       .
ID=Smp_166580.1;Parent=Smp_166580;geneID=Smp_166580;gene_name=Smp_16
6580;owner=irisadmin@local.host;orig_id=Smp_166580.1;date_last_modif
ied=2022-07-09;Name=Smp_166580.1;product=NADPH:adrenodoxin
oxidoreductase, mitochondrial;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    10923491        10924042        .
        -       .
Parent=Smp_166580.1;Name=1ff0ace1-8958-4e4d-8bbb-03f2ed02f743
SM_V9_ZSR       iris    exon    10927830        10928226        .
        -       .       Parent=Smp_166580.1;Name=dcb6e82d-1893-456b-
b2d5-cc5e91e47913
SM_V9_ZSR       iris    exon    10932111        10932322        .
        -       .
Parent=Smp_166580.1;Name=eea18a99-410c-4f10-88bc-862c96781457
SM_V9_ZSR       iris    exon    10933595        10933829        .
        -       .
Parent=Smp_166580.1;Name=8580b377-83fe-4831-9427-26bb12153754
SM_V9_ZSR       iris    exon    10933864        10933965        .
        -       .
Parent=Smp_166580.1;Name=e660f1fd-6f60-423d-8937-4a4b7542e0fb
SM_V9_ZSR       iris    exon    10934001        10934069        .
        -       .       Parent=Smp_166580.1;Name=dacb105b-
b5eb-40b0-80c7-b9f29c89dd66
SM_V9_ZSR       iris    exon    10934102        10934146        .
        -       .
Parent=Smp_166580.1;Name=92e0fe94-30d5-4ca7-9214-2467c9954e24
SM_V9_ZSR       iris    exon    10934192        10934314        .
        -       .       Parent=Smp_166580.1;Name=4971d60e-ca12-4432-
a7cd-0e4be379a782
SM_V9_ZSR       iris    exon    10934357        10934452        .
        -       .
Parent=Smp_166580.1;Name=c08bfeb7-73a2-4ff8-9111-542e190efe28
SM_V9_ZSR       iris    exon    10934495        10934613        .
        -       .       Parent=Smp_166580.1;Name=177850a9-3cb7-4c6f-
ac3d-7878e9121bd9
SM_V9_ZSR       iris    exon    10934653        10934749        .
        -       .       Parent=Smp_166580.1;Name=c5bc92e9-c198-45b3-
a9ff-8455fc08786a
SM_V9_ZSR       iris    exon    10943266        10943300        .
        -       .       Parent=Smp_166580.1;Name=fa2a5791-536e-426d-
ab9d-618002fa08db
SM_V9_ZSR       iris    CDS     10923882        10924042        .
        -       2       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10927830        10928226        .
        -       0       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10932111        10932322        .
        -       2       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10933595        10933829        .
        -       0       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10933864        10933965        .
        -       0       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10934001        10934069        .
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        -       0       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10934102        10934146        .
        -       0       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10934192        10934314        .
        -       0       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10934357        10934452        .
        -       0       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10934495        10934613        .
        -       2       Parent=Smp_166580.1
SM_V9_ZSR       iris    CDS     10934653        10934662        .
        -       0       Parent=Smp_166580.1
SM_V9_ZSR       Liftoff gene    10956223        10977206        .
        +       .
ID=Smp_246870;geneID=Smp_246870;previous_systematic_id=Smp_166590
SM_V9_ZSR       Liftoff mRNA    10956223        10977206        .
        +       .
ID=Smp_246870.1;Parent=Smp_246870;geneID=Smp_246870;product=RNA
recognition domain-containing protein;evidence=Inferred from
Sequence Model;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    10956223        10956246        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10957355        10957386        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10957421        10957507        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10957542        10957847        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10957881        10957996        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10963424        10963472        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10964753        10964946        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10968741        10969304        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10971136        10971322        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10971942        10972030        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10973225        10973374        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff exon    10977073        10977206        .
        +       .       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff CDS     10956245        10956246        .
        +       0       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff CDS     10957355        10957386        .
        +       1       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff CDS     10957421        10957507        .
        +       2       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff CDS     10957542        10957847        .
        +       2       Parent=Smp_246870.1
SM_V9_ZSR       Liftoff CDS     10957881        10957996        .
        +       2       Parent=Smp_246870.1
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SM_V9_ZSR	Liftoff	CDS	10963424	10963472	.
	+	0	Parent=Smp_246870.1
SM_V9_ZSR	Liftoff	CDS	10964753	10964946	.
	+	2	Parent=Smp_246870.1
SM_V9_ZSR	Liftoff	CDS	10968741	10969304	.
	+	0	Parent=Smp_246870.1
SM_V9_ZSR	Liftoff	CDS	10971136	10971322	.
	+	0	Parent=Smp_246870.1
SM_V9_ZSR	Liftoff	CDS	10971942	10972030	.
	+	2	Parent=Smp_246870.1
SM_V9_ZSR	Liftoff	CDS	10973225	10973374	.
	+	0	Parent=Smp_246870.1
SM_V9_ZSR	Liftoff	CDS	10977073	10977096	.
	+	0	Parent=Smp_246870.1
SM_V9_ZSR	iris	gene	10985381	11016174	.
	+	.
ID=Smp_246880;geneID=Smp_246880;gene_name=Smp_246880;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	10985381	11016174	.
	+	.
ID=Smp_246880.1;Parent=Smp_246880;geneID=Smp_246880;gene_name=Smp_24
6880;owner=irisadmin@local.host;orig_id=Smp_246880.1;date_last_modif
ied=2022-07-18;Name=Smp_246880.1;product=von Willebrand factor A
domain-containing protein 3A;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	10985381	10985503	.
	+	.	Parent=Smp_246880.1;Name=ed248f80-
a1bb-41d3-8c38-aea7bdd54516
SM_V9_ZSR	iris	exon	10987511	10987847	.
	+	.	Parent=Smp_246880.1;Name=2af10093-
c813-4157-9cc8-76b0670fa636
SM_V9_ZSR	iris	exon	10987893	10988047	.
	+	.	Parent=Smp_246880.1;Name=1ea67f0a-d824-49ea-
a0a1-738bf61c5af4
SM_V9_ZSR	iris	exon	10990563	10990868	.
	+	.
Parent=Smp_246880.1;Name=f118cd51-246e-4393-8702-494f9689e453
SM_V9_ZSR	iris	exon	10993024	10993320	.
	+	.	Parent=Smp_246880.1;Name=012f0d2b-
ec8c-44a7-934c-2970e95cc3b7
SM_V9_ZSR	iris	exon	10994561	10994745	.
	+	.	Parent=Smp_246880.1;Name=be571a44-
dad7-468c-9097-408d6f986762
SM_V9_ZSR	iris	exon	10994801	10994897	.
	+	.
Parent=Smp_246880.1;Name=e308aee5-9c3d-47f3-862a-6e56896b27fb
SM_V9_ZSR	iris	exon	10995592	10995771	.
	+	.	Parent=Smp_246880.1;Name=61b4ecc6-8344-4466-
af69-c2c35dc02d00
SM_V9_ZSR	iris	exon	10997493	10997818	.
	+	.	Parent=Smp_246880.1;Name=8c8c0cd5-3f87-49df-
ae2c-39a7c88f69d2
SM_V9_ZSR	iris	exon	10999612	10999851	.
	+	.	Parent=Smp_246880.1;Name=fc229e4c-
ff20-4059-9693-fd13c38ccd4c
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SM_V9_ZSR	iris	exon	11001428	11001598	.
	+	.	Parent=Smp_246880.1;Name=ffe404e0-0924-4bbc-
b016-109c5c263fd2
SM_V9_ZSR	iris	exon	11003842	11004181	.
	+	.	Parent=Smp_246880.1;Name=7be265fb-1380-4348-
b88a-6cc3979a4554
SM_V9_ZSR	iris	exon	11005678	11005905	.
	+	.	Parent=Smp_246880.1;Name=cb27c01c-84d9-4701-
acfe-a970d43588f0
SM_V9_ZSR	iris	exon	11012025	11012209	.
	+	.	Parent=Smp_246880.1;Name=e38a246d-
b161-41c9-9b35-d9cba07a65bf
SM_V9_ZSR	iris	exon	11014280	11014765	.
	+	.	Parent=Smp_246880.1;Name=e47a1ed2-1670-4bc9-
a1a8-8a16ab4c398c
SM_V9_ZSR	iris	exon	11015852	11016174	.
	+	.	Parent=Smp_246880.1;Name=b1cccb40-0534-41a4-
aa4e-f491514381b5
SM_V9_ZSR	iris	CDS	10985489	10985503	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10987511	10987847	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10987893	10988047	.
	+	2	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10990563	10990868	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10993024	10993320	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10994561	10994745	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10994801	10994897	.
	+	1	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10995592	10995771	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10997493	10997818	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	10999612	10999851	.
	+	1	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	11001428	11001598	.
	+	1	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	11003842	11004181	.
	+	1	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	11005678	11005905	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	11012025	11012209	.
	+	0	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	11014280	11014765	.
	+	1	Parent=Smp_246880.1
SM_V9_ZSR	iris	CDS	11015852	11016149	.
	+	1	Parent=Smp_246880.1
SM_V9_ZSR	iris	gene	11033294	11043078	.
	+	.
ID=Smp_166600;geneID=Smp_166600;gene_name=Smp_166600;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
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SM_V9_ZSR	iris	mRNA	11033294	11043078	.
	+	.
ID=Smp_166600.1;Parent=Smp_166600;geneID=Smp_166600;gene_name=Smp_16
6600;owner=irisadmin@local.host;orig_id=Smp_166600.1;date_last_modif
ied=2022-10-04;Name=Smp_166600.1;product=ubiquitin conjugating
enzyme variant;date_creation=2022-10-04
SM_V9_ZSR	iris	exon	11033294	11033354	.
	+	.	Parent=Smp_166600.1;Name=04df2d72-c7fa-4988-
a068-61662f46c4f4
SM_V9_ZSR	iris	exon	11035392	11035614	.
	+	.
Parent=Smp_166600.1;Name=22ad5309-9190-40b4-933e-00d18912bbdf
SM_V9_ZSR	iris	exon	11035820	11035868	.
	+	.	Parent=Smp_166600.1;Name=3ff8be3a-3a2a-4a8b-
b5b6-2fb3ba16490d
SM_V9_ZSR	iris	exon	11042216	11043078	.
	+	.	Parent=Smp_166600.1;Name=b3f7226f-2ee0-444a-
bab8-eea3b0d252e4
SM_V9_ZSR	iris	CDS	11033318	11033354	.
	+	0	Parent=Smp_166600.1
SM_V9_ZSR	iris	CDS	11035392	11035614	.
	+	2	Parent=Smp_166600.1
SM_V9_ZSR	iris	CDS	11035820	11035868	.
	+	1	Parent=Smp_166600.1
SM_V9_ZSR	iris	CDS	11042216	11042356	.
	+	0	Parent=Smp_166600.1
SM_V9_ZSR	iris	gene	11045549	11046076	.
	-	.
ID=Smp_082240;geneID=Smp_082240;gene_name=Smp_082240;owner=mb4@sange
r.ac.uk;Note=checked;date_last_modified=2022-06-30;date_creation=202
2-06-29
SM_V9_ZSR	iris	mRNA	11045549	11046076	.
	-	.
ID=Smp_082240.1;Parent=Smp_082240;geneID=Smp_082240;gene_name=Smp_08
2240;owner=mb4@sanger.ac.uk;Note=3' terminal exon is missing from
the gene model for the Z gametogue
(Smp_337410);orig_id=Smp_082240.1;date_last_modified=2022-06-30;Name
=Smp_082240.1;product=histone H3;date_creation=2022-06-29
SM_V9_ZSR	iris	exon	11045549	11046076	.
	-	.
Parent=Smp_082240.1;Name=8668d216-0e7b-48b9-8512-0f81d2a7724b
SM_V9_ZSR	iris	CDS	11045593	11046003	.
	-	0	Parent=Smp_082240.1
SM_V9_ZSR	iris	gene	11053631	11075607	.
	+	.
ID=Smp_082250;geneID=Smp_082250;gene_name=Smp_082250;owner=irisadmin
@local.host;date_last_modified=2022-07-30;date_creation=2022-07-09
SM_V9_ZSR	iris	mRNA	11053631	11075607	.
	+	.
ID=Smp_082250.1;Parent=Smp_082250;geneID=Smp_082250;gene_name=Smp_08
2250;owner=irisadmin@local.host;orig_id=Smp_082250.2;date_last_modif
ied=2022-07-30;Name=Smp_082250.1;product=Cytosolic carboxypeptidase
6;date_creation=2022-07-09
SM_V9_ZSR	iris	exon	11053631	11053853	.
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        +       .
Parent=Smp_082250.1;Name=27e47d42-0ec5-4e09-9a42-698a808a0c31
SM_V9_ZSR       iris    exon    11053887        11054011        .
        +       .       Parent=Smp_082250.1;Name=b069511f-
e065-4d0b-9efd-1eb8bf9630e6
SM_V9_ZSR       iris    exon    11054043        11054137        .
        +       .
Parent=Smp_082250.1;Name=9b6b1c20-96cc-4020-98dc-b9f018cefe7b
SM_V9_ZSR       iris    exon    11054173        11054389        .
        +       .       Parent=Smp_082250.1;Name=68a84185-64ca-4961-
aeb6-f5da0cb89998
SM_V9_ZSR       iris    exon    11056897        11057029        .
        +       .       Parent=Smp_082250.1;Name=a76d2957-bea8-4f44-
b52e-8962d2f8ae2c
SM_V9_ZSR       iris    exon    11058862        11058976        .
        +       .
Parent=Smp_082250.1;Name=166a537a-0473-45f4-9850-c7042c480567
SM_V9_ZSR       iris    exon    11061142        11061253        .
        +       .
Parent=Smp_082250.1;Name=a78cc098-5758-434d-8ade-fa4f99f9baf1
SM_V9_ZSR       iris    exon    11063065        11063267        .
        +       .       Parent=Smp_082250.1;Name=7a951ab6-b44f-4e3e-
a897-dd9ed91848bf
SM_V9_ZSR       iris    exon    11069569        11069681        .
        +       .       Parent=Smp_082250.1;Name=b0c7b88a-0630-4d02-
b1e8-dd3e3a18429b
SM_V9_ZSR       iris    exon    11073354        11073767        .
        +       .       Parent=Smp_082250.1;Name=07d265df-3522-4ae1-
b5a0-3a4918a88a1e
SM_V9_ZSR       iris    exon    11075275        11075607        .
        +       .       Parent=Smp_082250.1;Name=00a9add4-
fbf4-48d4-9d86-355e192d6df3
SM_V9_ZSR       iris    CDS     11053649        11053853        .
        +       0       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11053887        11054011        .
        +       2       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11054043        11054137        .
        +       0       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11054173        11054389        .
        +       1       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11056897        11057029        .
        +       0       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11058862        11058976        .
        +       2       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11061142        11061253        .
        +       1       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11063065        11063267        .
        +       0       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11069569        11069681        .
        +       1       Parent=Smp_082250.1
SM_V9_ZSR       iris    CDS     11073354        11073760        .
        +       2       Parent=Smp_082250.1
SM_V9_ZSR       iris    gene    11083701        11144625        .
        +       .
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ID=Smp_166610;geneID=Smp_166610;gene_name=Smp_166610;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR       iris    mRNA    11083701        11144625        .
        +       .
ID=Smp_166610.1;Parent=Smp_166610;geneID=Smp_166610;gene_name=Smp_16
6610;owner=irisadmin@local.host;orig_id=Smp_166610.2;date_last_modif
ied=2022-07-09;Name=Smp_166610.1;product=calcium activated potassium
channel subunit;date_creation=2022-07-09
SM_V9_ZSR       iris    exon    11083701        11084828        .
        +       .
Parent=Smp_166610.1;Name=c3c124e5-6f4c-4771-8ade-d8c6f60db765
SM_V9_ZSR       iris    exon    11099106        11099167        .
        +       .
Parent=Smp_166610.1;Name=014bd0d4-6004-43b9-8ebb-7e969813690b
SM_V9_ZSR       iris    exon    11101922        11102030        .
        +       .       Parent=Smp_166610.1;Name=c8902228-79a1-4b9d-
a9f0-9f5b0ef3c47f
SM_V9_ZSR       iris    exon    11104247        11104358        .
        +       .       Parent=Smp_166610.1;Name=b18532e2-85c0-4177-
b898-8792704d6289
SM_V9_ZSR       iris    exon    11108114        11108265        .
        +       .       Parent=Smp_166610.1;Name=65f2f98c-2c7b-4577-
bdc1-cdb343f740f7
SM_V9_ZSR       iris    exon    11110069        11110239        .
        +       .
Parent=Smp_166610.1;Name=b86d865c-2ab7-4032-84e8-16567394b17c
SM_V9_ZSR       iris    exon    11115169        11115263        .
        +       .       Parent=Smp_166610.1;Name=0e9e9507-2d1c-407a-
ac40-5bd354c1fcf1
SM_V9_ZSR       iris    exon    11116455        11116571        .
        +       .       Parent=Smp_166610.1;Name=78907949-
cef7-4e9f-9264-d370adaa878b
SM_V9_ZSR       iris    exon    11117740        11117998        .
        +       .
Parent=Smp_166610.1;Name=08d835ed-0da6-4358-9b9d-5414001636a3
SM_V9_ZSR       iris    exon    11119190        11119357        .
        +       .       Parent=Smp_166610.1;Name=d91bb088-5689-4a7f-
a714-82165f9b8a8a
SM_V9_ZSR       iris    exon    11120376        11120479        .
        +       .       Parent=Smp_166610.1;Name=25552621-
b293-450e-9355-9556691d5771
SM_V9_ZSR       iris    exon    11122490        11122648        .
        +       .       Parent=Smp_166610.1;Name=c30350c7-
b9a9-418e-9da2-8a20d389ea08
SM_V9_ZSR       iris    exon    11124493        11124596        .
        +       .       Parent=Smp_166610.1;Name=387e2d60-33f7-4491-
a723-426044fa9954
SM_V9_ZSR       iris    exon    11126110        11126161        .
        +       .       Parent=Smp_166610.1;Name=fb7d571a-
fbf2-4220-8b50-78453370c78f
SM_V9_ZSR       iris    exon    11127406        11127694        .
        +       .
Parent=Smp_166610.1;Name=83230f7a-48ea-49a4-9642-722ec729e3fa
SM_V9_ZSR       iris    exon    11128524        11128742        .
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        +       .
Parent=Smp_166610.1;Name=37f7885a-0453-4861-99fd-026c5323141c
SM_V9_ZSR       iris    exon    11131384        11131588        .
        +       .       Parent=Smp_166610.1;Name=27e9f5fd-fe7c-46b8-
b9ed-a6e140319ffe
SM_V9_ZSR       iris    exon    11132707        11132843        .
        +       .       Parent=Smp_166610.1;Name=b4354ce3-
e889-4cc4-860e-12d79ff544ad
SM_V9_ZSR       iris    exon    11134187        11134280        .
        +       .       Parent=Smp_166610.1;Name=0bb6419b-dadf-4bf7-
b08a-e4397da6de8e
SM_V9_ZSR       iris    exon    11135954        11136063        .
        +       .
Parent=Smp_166610.1;Name=b414ac58-3b33-43f7-91f3-93e732927432
SM_V9_ZSR       iris    exon    11141187        11141333        .
        +       .       Parent=Smp_166610.1;Name=da0d6c56-0855-4ed6-
bac2-6e83af72da65
SM_V9_ZSR       iris    exon    11144378        11144625        .
        +       .       Parent=Smp_166610.1;Name=ae33d5aa-a6b3-462c-
ad75-b904e2110801
SM_V9_ZSR       iris    CDS     11084004        11084828        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11099106        11099167        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11101922        11102030        .
        +       1       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11104247        11104358        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11108114        11108265        .
        +       2       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11110069        11110239        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11115169        11115263        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11116455        11116571        .
        +       1       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11117740        11117998        .
        +       1       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11119190        11119357        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11120376        11120479        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11122490        11122648        .
        +       1       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11124493        11124596        .
        +       1       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11126110        11126161        .
        +       2       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11127406        11127694        .
        +       1       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11128524        11128742        .
        +       0       Parent=Smp_166610.1
SM_V9_ZSR       iris    CDS     11131384        11131588        .
        +       0       Parent=Smp_166610.1
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SM_V9_ZSR	iris	CDS	11132707	11132843	.
	+	2	Parent=Smp_166610.1
SM_V9_ZSR	iris	CDS	11134187	11134280	.
	+	0	Parent=Smp_166610.1
SM_V9_ZSR	iris	CDS	11135954	11136063	.
	+	2	Parent=Smp_166610.1
SM_V9_ZSR	iris	CDS	11141187	11141333	.
	+	0	Parent=Smp_166610.1
SM_V9_ZSR	iris	CDS	11144378	11144467	.
	+	0	Parent=Smp_166610.1
SM_V9_ZSR	iris	gene	11151043	11153593	.
	-	.
ID=Smp_104710;geneID=Smp_104710;gene_name=Smp_104710;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR	iris	mRNA	11151043	11153593	.
	-	.
ID=Smp_104710.1;Parent=Smp_104710;geneID=Smp_104710;gene_name=Smp_10
4710;owner=irisadmin@local.host;orig_id=Smp_104710.2;date_last_modif
ied=2022-07-09;Name=Smp_104710.1;product=Androglobin;date_creation=2
022-07-09
SM_V9_ZSR	iris	exon	11151043	11151166	.
	-	.	Parent=Smp_104710.1;Name=328b10d3-fc0d-4d26-
bee5-05ae22b8d990
SM_V9_ZSR	iris	exon	11152124	11152565	.
	-	.	Parent=Smp_104710.1;Name=105734cc-
af1b-490c-8deb-a8128a00fae4
SM_V9_ZSR	iris	exon	11153485	11153593	.
	-	.	Parent=Smp_104710.1;Name=2dd96056-fa8f-4bdf-
a9e4-aad103420649
SM_V9_ZSR	iris	CDS	11151105	11151166	.
	-	2	Parent=Smp_104710.1
SM_V9_ZSR	iris	CDS	11152124	11152559	.
	-	0	Parent=Smp_104710.1
SM_V9_ZSR	iris	gene	11162777	11170481	.
	+	.
ID=Smp_104720;geneID=Smp_104720;gene_name=Smp_104720;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	11162777	11170481	.
	+	.
ID=Smp_104720.1;Parent=Smp_104720;geneID=Smp_104720;gene_name=Smp_10
4720;owner=irisadmin@local.host;orig_id=Smp_104720.1;date_last_modif
ied=2022-07-18;Name=Smp_104720.1;product=GDP-L-fucose
synthase;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	11162777	11162819	.
	+	.	Parent=Smp_104720.1;Name=c1f77cfa-3c8b-4821-
bfd0-4e0cc77ea77e
SM_V9_ZSR	iris	exon	11164028	11164399	.
	+	.
Parent=Smp_104720.1;Name=da0568be-35a7-4e21-9e28-88578815d96c
SM_V9_ZSR	iris	exon	11166605	11166807	.
	+	.	Parent=Smp_104720.1;Name=27b454a3-e29e-472c-
b494-708cf7336a6d
SM_V9_ZSR	iris	exon	11167283	11167416	.
	+	.	Parent=Smp_104720.1;Name=18e124af-
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c172-49bd-9e63-46c21e29fbd8
SM_V9_ZSR       iris    exon    11168064        11168272        .
        +       .       Parent=Smp_104720.1;Name=0c5b3659-b280-46ae-
bfe0-50f510376687
SM_V9_ZSR       iris    exon    11168990        11169089        .
        +       .
Parent=Smp_104720.1;Name=80524e49-565d-4d7b-89a0-98b5ecaf9d54
SM_V9_ZSR       iris    exon    11170244        11170481        .
        +       .       Parent=Smp_104720.1;Name=283980f4-3da4-4099-
a3e8-5b4290790fd9
SM_V9_ZSR       iris    CDS     11164145        11164399        .
        +       0       Parent=Smp_104720.1
SM_V9_ZSR       iris    CDS     11166605        11166807        .
        +       0       Parent=Smp_104720.1
SM_V9_ZSR       iris    CDS     11167283        11167416        .
        +       1       Parent=Smp_104720.1
SM_V9_ZSR       iris    CDS     11168064        11168272        .
        +       2       Parent=Smp_104720.1
SM_V9_ZSR       iris    CDS     11168990        11169089        .
        +       0       Parent=Smp_104720.1
SM_V9_ZSR       iris    CDS     11170244        11170299        .
        +       2       Parent=Smp_104720.1
SM_V9_ZSR       Liftoff gene    11177581        11184100        .
        -       .       ID=Smp_104730;geneID=Smp_104730
SM_V9_ZSR       Liftoff mRNA    11177581        11184100        .
        -       .
ID=Smp_104730.1;Parent=Smp_104730;geneID=Smp_104730;product=DnaJ
homolog subfamily B member
13;polypeptide_domain=InterPro:IPR001623,IPR002939,IPR008971,IPR0182
53 Pfam:PF00226,PF01556;Ontology_term=GO:0006457,GO:0051082
SM_V9_ZSR       Liftoff exon    11177581        11178053        .
        -       .       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff exon    11180303        11180474        .
        -       .       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff exon    11182038        11182170        .
        -       .       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff exon    11182903        11183060        .
        -       .       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff exon    11183100        11183356        .
        -       .       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff exon    11183951        11184100        .
        -       .       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff CDS     11177900        11178053        .
        -       1       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff CDS     11180303        11180474        .
        -       2       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff CDS     11182038        11182170        .
        -       0       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff CDS     11182903        11183060        .
        -       2       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff CDS     11183100        11183356        .
        -       1       Parent=Smp_104730.1
SM_V9_ZSR       Liftoff CDS     11183951        11184018        .
        -       0       Parent=Smp_104730.1
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SM_V9_ZSR	Liftoff	gene	11265017	11270803	.
	+	.	ID=Smp_180660;geneID=Smp_180660
SM_V9_ZSR	Liftoff	mRNA	11265017	11270803	.
	+	.
ID=Smp_180660.1;Parent=Smp_180660;geneID=Smp_180660;product=Pseudour
idylate synthase 7 homolog-like protein
SM_V9_ZSR	Liftoff	exon	11265017	11268539	.
	+	.	Parent=Smp_180660.1
SM_V9_ZSR	Liftoff	exon	11268851	11270803	.
	+	.	Parent=Smp_180660.1
SM_V9_ZSR	Liftoff	CDS	11267651	11268539	.
	+	0	Parent=Smp_180660.1
SM_V9_ZSR	Liftoff	CDS	11268851	11268915	.
	+	2	Parent=Smp_180660.1
SM_V9_ZSR	Liftoff	gene	11296608	11331003	.
	-	.
ID=Smp_245280;geneID=Smp_245280;previous_systematic_id=Smp_104760,Sm
p_180670
SM_V9_ZSR	Liftoff	mRNA	11296608	11310033	.
	-	.
ID=Smp_245280.2;Parent=Smp_245280;geneID=Smp_245280;product=Coronin-
1C
SM_V9_ZSR	Liftoff	exon	11296608	11310033	.
	-	.	Parent=Smp_245280.2
SM_V9_ZSR	Liftoff	CDS	11298144	11299868	.
	-	0	Parent=Smp_245280.2
SM_V9_ZSR	Liftoff	mRNA	11296608	11331003	.
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SM_V9_ZSR	Liftoff	exon	11296608	11300022	.
	-	.	Parent=Smp_245280.1
SM_V9_ZSR	Liftoff	exon	11316659	11331003	.
	-	.	Parent=Smp_245280.1
SM_V9_ZSR	Liftoff	CDS	11298144	11300022	.
	-	1	Parent=Smp_245280.1
SM_V9_ZSR	Liftoff	CDS	11316659	11317596	.
	-	0	Parent=Smp_245280.1
SM_V9_ZSR	Liftoff	gene	11343934	11381963	.
	-	.	ID=Smp_180680;geneID=Smp_180680
SM_V9_ZSR	Liftoff	mRNA	11343934	11381963	.
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ID=Smp_180680.1;Parent=Smp_180680;geneID=Smp_180680;product=Armadill
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SM_V9_ZSR	Liftoff	exon	11343934	11344803	.
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SM_V9_ZSR	Liftoff	exon	11346318	11346481	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11348412	11348775	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11349152	11349280	.
	-	.	Parent=Smp_180680.1
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SM_V9_ZSR	Liftoff	exon	11351174	11351353	.
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SM_V9_ZSR	Liftoff	exon	11352683	11352911	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11354163	11354615	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11356265	11356725	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11357302	11357407	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11358336	11358902	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11361902	11362271	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11364655	11364847	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11374169	11374274	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	exon	11376927	11381963	.
	-	.	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	CDS	11344649	11344803	.
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SM_V9_ZSR	Liftoff	CDS	11346318	11346481	.
	-	1	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	CDS	11348412	11348775	.
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SM_V9_ZSR	Liftoff	CDS	11349152	11349280	.
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SM_V9_ZSR	Liftoff	CDS	11351174	11351353	.
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SM_V9_ZSR	Liftoff	CDS	11352683	11352911	.
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SM_V9_ZSR	Liftoff	CDS	11354163	11354615	.
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SM_V9_ZSR	Liftoff	CDS	11356265	11356725	.
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SM_V9_ZSR	Liftoff	CDS	11357302	11357407	.
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	-	1	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	CDS	11364655	11364847	.
	-	2	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	CDS	11374169	11374274	.
	-	0	Parent=Smp_180680.1
SM_V9_ZSR	Liftoff	CDS	11376927	11377259	.
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SM_V9_ZSR	Liftoff	gene	11382057	11403657	.
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SM_V9_ZSR	Liftoff	mRNA	11382057	11403657	.
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rich repeat-containing protein
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SM_V9_ZSR       Liftoff exon    11392330        11392522        .
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SM_V9_ZSR       Liftoff exon    11393876        11393959        .
        +       .       Parent=Smp_104790.1
SM_V9_ZSR       Liftoff exon    11394433        11394561        .
        +       .       Parent=Smp_104790.1
SM_V9_ZSR       Liftoff exon    11395420        11395551        .
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SM_V9_ZSR       Liftoff exon    11396431        11396549        .
        +       .       Parent=Smp_104790.1
SM_V9_ZSR       Liftoff exon    11398261        11398413        .
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SM_V9_ZSR       Liftoff exon    11401099        11401225        .
        +       .       Parent=Smp_104790.1
SM_V9_ZSR       Liftoff exon    11403160        11403657        .
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SM_V9_ZSR       Liftoff CDS     11388703        11388854        .
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SM_V9_ZSR       Liftoff CDS     11393876        11393959        .
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SM_V9_ZSR       Liftoff CDS     11396431        11396549        .
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SM_V9_ZSR       Liftoff CDS     11398261        11398413        .
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SM_V9_ZSR       Liftoff CDS     11401099        11401225        .
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SM_V9_ZSR       Liftoff CDS     11403160        11403345        .
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SM_V9_ZSR       Liftoff gene    11468207        11471660        .
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SM_V9_ZSR       Liftoff mRNA    11468207        11471660        .
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ID=Smp_322430.1;Parent=Smp_322430;geneID=Smp_322430;product=Histone
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SM_V9_ZSR       Liftoff exon    11468207        11471660        .
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SM_V9_ZSR       Liftoff CDS     11470750        11470938        .
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SM_V9_ZSR       Liftoff gene    11507980        11510632        .
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SM_V9_ZSR       Liftoff mRNA    11507980        11510632        .
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ATP-dependent RNA helicase SoYb
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SM_V9_ZSR	Liftoff	exon	11509892	11510632	.
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SM_V9_ZSR	Liftoff	CDS	11509116	11509227	.
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SM_V9_ZSR	Liftoff	gene	11523826	11551594	.
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SM_V9_ZSR	Liftoff	mRNA	11523826	11526642	.
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SM_V9_ZSR	Liftoff	exon	11523826	11526642	.
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SM_V9_ZSR	Liftoff	CDS	11526288	11526515	.
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SM_V9_ZSR	Liftoff	mRNA	11523926	11551594	.
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76
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SM_V9_ZSR	Liftoff	CDS	11543766	11550095	.
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SM_V9_ZSR	Liftoff	mRNA	11524026	11551594	.
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ID=Smp_180690.1;Parent=Smp_180690;geneID=Smp_180690;product=Hypothet
ical
protein;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:00036
76
SM_V9_ZSR	Liftoff	exon	11524026	11551594	.
	+	.	Parent=Smp_180690.1
SM_V9_ZSR	Liftoff	CDS	11543766	11550095	.
	+	0	Parent=Smp_180690.1
SM_V9_ZSR	iris	gene	11618834	11678861	.
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ID=Smp_302850;geneID=Smp_302850;gene_name=Smp_302850;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	11618834	11678861	.
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ID=Smp_302850.1;Parent=Smp_302850;geneID=Smp_302850;gene_name=Smp_30
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ied=2022-07-18;Name=Smp_302850.1;product=Synaptotagmin-like protein
4;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	11618834	11619475	.
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bf12-9bccda0ca49a
SM_V9_ZSR	iris	exon	11620093	11620301	.
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SM_V9_ZSR	iris	exon	11621973	11622163	.
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SM_V9_ZSR	iris	exon	11624439	11624700	.
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SM_V9_ZSR	iris	exon	11626288	11626472	.
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Parent=Smp_302850.1;Name=9273cc8a-1d44-4ef2-8e90-ed12c0db960c
SM_V9_ZSR	iris	exon	11636819	11637049	.
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SM_V9_ZSR	iris	exon	11640987	11641079	.
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SM_V9_ZSR	iris	exon	11643630	11643652	.
	-	.	Parent=Smp_302850.1;Name=78c02635-22fc-40b0-
bcdd-6e6dabb4a287
SM_V9_ZSR	iris	exon	11646155	11646196	.
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SM_V9_ZSR	iris	exon	11646722	11647012	.
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SM_V9_ZSR	iris	exon	11655123	11655176	.
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SM_V9_ZSR	iris	exon	11656360	11656481	.
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SM_V9_ZSR	iris	exon	11668691	11668906	.
	-	.	Parent=Smp_302850.1;Name=f501f58d-fc45-4777-
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SM_V9_ZSR	iris	exon	11678377	11678861	.
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Parent=Smp_302850.1;Name=53e4a851-98d9-4ff1-9b47-c946f8602c3d
SM_V9_ZSR	iris	CDS	11619360	11619475	.
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SM_V9_ZSR	iris	CDS	11620093	11620301	.
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SM_V9_ZSR	iris	CDS	11621973	11622163	.
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SM_V9_ZSR	iris	CDS	11624439	11624700	.
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SM_V9_ZSR	iris	CDS	11626288	11626472	.
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SM_V9_ZSR	iris	CDS	11636819	11637049	.
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SM_V9_ZSR	iris	CDS	11640987	11641079	.
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SM_V9_ZSR	iris	CDS	11643630	11643652	.
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SM_V9_ZSR	iris	CDS	11646155	11646196	.
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SM_V9_ZSR	iris	CDS	11656360	11656481	.
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SM_V9_ZSR	iris	CDS	11678377	11678663	.
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mitochondrial;polypeptide_domain=InterPro:IPR000994,IPR001714,IPR002
467 Pfam:PF00557;Ontology_term=GO:0004177,GO:0006508,GO:0008235
SM_V9_ZSR	Liftoff	exon	11684393	11685292	.
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SM_V9_ZSR	Liftoff	exon	11685639	11686247	.
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SM_V9_ZSR	Liftoff	CDS	11685639	11685955	.
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SM_V9_ZSR	Liftoff	gene	11697777	11728022	.
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SM_V9_ZSR	Liftoff	mRNA	11697777	11728022	.
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SM_V9_ZSR	Liftoff	exon	11701012	11701147	.
	-	.	Parent=Smp_245250.1
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	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11706253	11706312	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11709116	11709399	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11709794	11709973	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11710112	11710245	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11711385	11711518	.
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	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11719837	11720004	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11720866	11721219	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11721959	11722205	.
	-	.	Parent=Smp_245250.1
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	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11724035	11724216	.
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SM_V9_ZSR	Liftoff	exon	11726473	11726585	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11726630	11726791	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	exon	11727921	11728022	.
	-	.	Parent=Smp_245250.1
SM_V9_ZSR	Liftoff	CDS	11698014	11698076	.
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SM_V9_ZSR	Liftoff	CDS	11705097	11705189	.
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SM_V9_ZSR	Liftoff	CDS	11722955	11723106	.
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SM_V9_ZSR	Liftoff	mRNA	11736479	11745612	.
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10;polypeptide_domain=InterPro:IPR000772,IPR001173,IPR029044
Pfam:PF00535,PF00652
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SM_V9_ZSR	Liftoff	exon	11744285	11745612	.
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SM_V9_ZSR	Liftoff	CDS	11737286	11737559	.
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SM_V9_ZSR	Liftoff	CDS	11740248	11740619	.
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SM_V9_ZSR	Liftoff	CDS	11744285	11745219	.
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SM_V9_ZSR	Liftoff	gene	11757226	11760448	.
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SM_V9_ZSR	Liftoff	mRNA	11757226	11759349	.
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SM_V9_ZSR	Liftoff	exon	11757226	11757311	.
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SM_V9_ZSR	Liftoff	exon	11757431	11757454	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11757580	11757633	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11757669	11757713	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11757748	11757955	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11757988	11758108	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11758146	11758289	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11758321	11758451	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11758485	11758611	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11758694	11758818	.
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SM_V9_ZSR	Liftoff	exon	11758848	11758972	.
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SM_V9_ZSR	Liftoff	exon	11759004	11759095	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11759130	11759216	.
	-	.	Parent=Smp_068920.1
SM_V9_ZSR	Liftoff	exon	11759256	11759349	.
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SM_V9_ZSR	Liftoff	CDS	11757266	11757311	.
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SM_V9_ZSR	Liftoff	CDS	11757431	11757454	.
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SM_V9_ZSR	Liftoff	CDS	11757748	11757955	.
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SM_V9_ZSR	Liftoff	CDS	11757988	11758108	.
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SM_V9_ZSR	Liftoff	CDS	11758146	11758289	.
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SM_V9_ZSR	Liftoff	CDS	11758321	11758451	.
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SM_V9_ZSR	Liftoff	CDS	11758485	11758611	.
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SM_V9_ZSR	Liftoff	CDS	11758694	11758818	.
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SM_V9_ZSR	Liftoff	CDS	11759004	11759095	.
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SM_V9_ZSR	Liftoff	CDS	11759130	11759216	.
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SM_V9_ZSR	Liftoff	exon	11757226	11757311	.
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SM_V9_ZSR	Liftoff	exon	11757580	11757633	.
	-	.	Parent=Smp_068920.2
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SM_V9_ZSR	Liftoff	exon	11757988	11758108	.
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SM_V9_ZSR	Liftoff	exon	11758321	11758451	.
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SM_V9_ZSR	Liftoff	exon	11758485	11758611	.
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SM_V9_ZSR	Liftoff	exon	11758694	11758818	.
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SM_V9_ZSR	Liftoff	exon	11758848	11758972	.
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SM_V9_ZSR	Liftoff	exon	11759004	11759095	.
	-	.	Parent=Smp_068920.2
SM_V9_ZSR	Liftoff	exon	11759130	11759216	.
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SM_V9_ZSR	Liftoff	exon	11760384	11760448	.
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SM_V9_ZSR	Liftoff	CDS	11757266	11757311	.
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SM_V9_ZSR	Liftoff	CDS	11757431	11757454	.
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SM_V9_ZSR	Liftoff	CDS	11757580	11757633	.
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SM_V9_ZSR	Liftoff	CDS	11757669	11757713	.
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SM_V9_ZSR	Liftoff	CDS	11757748	11757955	.
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SM_V9_ZSR	Liftoff	CDS	11757988	11758108	.
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SM_V9_ZSR	Liftoff	CDS	11758321	11758451	.
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SM_V9_ZSR	Liftoff	CDS	11758485	11758611	.
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SM_V9_ZSR	Liftoff	CDS	11758694	11758818	.
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SM_V9_ZSR	Liftoff	CDS	11758848	11758972	.
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SM_V9_ZSR	Liftoff	CDS	11759004	11759095	.
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SM_V9_ZSR	Liftoff	CDS	11759130	11759216	.
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a669-462a-9490-48aed3c9fb00
SM_V9_ZSR       iris    exon    11761858        11761944        .
        +       .
Parent=Smp_245240.1;Name=0c1c1288-2526-4998-920d-5857f51dce7c
SM_V9_ZSR       iris    exon    11761979        11762070        .
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SM_V9_ZSR       iris    exon    11762102        11762226        .
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SM_V9_ZSR       iris    exon    11762256        11762380        .
        +       .       Parent=Smp_245240.1;Name=46cc1b2f-4737-4b29-
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SM_V9_ZSR       iris    exon    11762463        11762589        .
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SM_V9_ZSR	iris	CDS	11763763	11763808	.
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SM_V9_ZSR	iris	exon	11778699	11779290	.
	-	.	Parent=Smp_159510.1;Name=73d0031f-2c7a-4427-
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SM_V9_ZSR	iris	exon	11780093	11780422	.
	-	.	Parent=Smp_159510.1;Name=92772812-
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SM_V9_ZSR	iris	exon	11788241	11789046	.
	-	.	Parent=Smp_159510.1;Name=f4b73071-8108-4a73-
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SM_V9_ZSR	iris	exon	11790266	11791187	.
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	-	.	Parent=Smp_159510.1;Name=c7485f52-4c57-46c4-
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	-	0	Parent=Smp_159510.1
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SM_V9_ZSR	iris	CDS	11780093	11780422	.
	-	0	Parent=Smp_159510.2
SM_V9_ZSR	iris	CDS	11788241	11789046	.
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SM_V9_ZSR	iris	CDS	11790266	11791187	.
	-	0	Parent=Smp_159510.2
SM_V9_ZSR	iris	CDS	11797864	11797881	.
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SM_V9_ZSR	iris	gene	11802260	11814098	.
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	+	.	Parent=Smp_068950.1;Name=7dce68f6-cf5a-41b6-
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SM_V9_ZSR	iris	exon	11807101	11807258	.
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SM_V9_ZSR	iris	exon	11807290	11807644	.
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        +       .       Parent=Smp_068950.1;Name=f1acc705-de41-4157-
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SM_V9_ZSR       iris    exon    11813932        11814098        .
        +       .
Parent=Smp_068950.1;Name=ac0ee7bf-4249-438c-8c5e-98b4be2da099
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SM_V9_ZSR       iris    CDS     11810907        11810984        .
        +       0       Parent=Smp_068950.1
SM_V9_ZSR       iris    CDS     11812013        11812258        .
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SM_V9_ZSR       iris    CDS     11813932        11813997        .
        +       0       Parent=Smp_068950.1
SM_V9_ZSR       iris    gene    11830356        11837350        .
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ID=Smp_068960.1;Parent=Smp_068960;geneID=Smp_068960;gene_name=Smp_06
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        +       .       Parent=Smp_068960.1;Name=bde9de48-5368-4b6a-
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        +       .       Parent=Smp_068960.1;Name=f22c0df7-608d-41a3-
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SM_V9_ZSR       iris    exon    11832754        11833002        .
        +       .       Parent=Smp_068960.1;Name=105a7956-
e1b7-4994-8b58-a37a47770ffe
SM_V9_ZSR       iris    exon    11833305        11833452        .
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        +       .       Parent=Smp_068960.1;Name=137c39f7-df8b-47e3-
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SM_V9_ZSR       iris    exon    11833636        11834042        .
        +       .       Parent=Smp_068960.1;Name=34743738-bc26-406b-
b337-e473d3bc5496
SM_V9_ZSR       iris    exon    11835644        11835882        .
        +       .
Parent=Smp_068960.1;Name=4fa86e91-5340-467e-8fba-da7dcf9cf480
SM_V9_ZSR       iris    exon    11836986        11837350        .
        +       .
Parent=Smp_068960.1;Name=86e86657-5f60-4095-8992-3bfbdc6fa28a
SM_V9_ZSR       iris    CDS     11830428        11830444        .
        +       0       Parent=Smp_068960.1
SM_V9_ZSR       iris    CDS     11831618        11831956        .
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SM_V9_ZSR       iris    CDS     11831989        11832076        .
        +       1       Parent=Smp_068960.1
SM_V9_ZSR       iris    CDS     11832123        11832309        .
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SM_V9_ZSR       iris    CDS     11832754        11833002        .
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SM_V9_ZSR       iris    CDS     11833305        11833452        .
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SM_V9_ZSR       iris    CDS     11833636        11834042        .
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SM_V9_ZSR       iris    CDS     11835644        11835882        .
        +       2       Parent=Smp_068960.1
SM_V9_ZSR       iris    CDS     11836986        11837222        .
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SM_V9_ZSR       Liftoff gene    11840726        11858942        .
        +       .       ID=Smp_159520;geneID=Smp_159520
SM_V9_ZSR       Liftoff mRNA    11840726        11858942        .
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ID=Smp_159520.1;Parent=Smp_159520;geneID=Smp_159520;product=Slit
homolog 1
protein;polypeptide_domain=InterPro:IPR000742,IPR000884,IPR013032
Pfam:PF00090
SM_V9_ZSR       Liftoff exon    11840726        11841052        .
        +       .       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff exon    11845313        11845632        .
        +       .       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff exon    11846735        11846848        .
        +       .       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff exon    11848166        11848271        .
        +       .       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff exon    11852058        11852374        .
        +       .       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff exon    11858212        11858403        .
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SM_V9_ZSR       Liftoff exon    11858631        11858942        .
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SM_V9_ZSR       Liftoff CDS     11840791        11841052        .
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SM_V9_ZSR       Liftoff CDS     11845313        11845632        .
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        +       0       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff CDS     11848166        11848271        .
        +       0       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff CDS     11852058        11852374        .
        +       2       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff CDS     11858212        11858403        .
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SM_V9_ZSR       Liftoff CDS     11858631        11858822        .
        +       0       Parent=Smp_159520.1
SM_V9_ZSR       Liftoff gene    11879886        11891188        .
        +       .       ID=Smp_322460;geneID=Smp_322460
SM_V9_ZSR       Liftoff mRNA    11879886        11891188        .
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ID=Smp_322460.1;Parent=Smp_322460;geneID=Smp_322460;product=UPF0176
protein SSU98_0392
SM_V9_ZSR       Liftoff exon    11879886        11880079        .
        +       .       Parent=Smp_322460.1
SM_V9_ZSR       Liftoff exon    11889971        11890016        .
        +       .       Parent=Smp_322460.1
SM_V9_ZSR       Liftoff exon    11890881        11891188        .
        +       .       Parent=Smp_322460.1
SM_V9_ZSR       Liftoff CDS     11880003        11880079        .
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SM_V9_ZSR       Liftoff CDS     11889971        11890016        .
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SM_V9_ZSR       Liftoff CDS     11890881        11890958        .
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SM_V9_ZSR       iris    gene    11908162        11948773        .
        -       .
ID=Smp_092530;geneID=Smp_092530;gene_name=Smp_092530;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    11908162        11948773        .
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gamma-1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    11908162        11909221        .
        -       .       Parent=Smp_092530.1;Name=f2b8df0e-
ed65-4b12-8fc6-ef59d7faa346
SM_V9_ZSR       iris    exon    11910629        11910906        .
        -       .       Parent=Smp_092530.1;Name=a1fb44e6-
c50b-4291-95e6-724e2b98f955
SM_V9_ZSR       iris    exon    11915449        11915685        .
        -       .       Parent=Smp_092530.1;Name=ee8a1516-90f4-4991-
bcaf-5837ba41a524
SM_V9_ZSR       iris    exon    11916021        11916346        .
        -       .       Parent=Smp_092530.1;Name=d63c6e73-68fa-410e-
a208-93014de3a0ce
SM_V9_ZSR       iris    exon    11917337        11917542        .
        -       .       Parent=Smp_092530.1;Name=6178c50c-4870-4e97-
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SM_V9_ZSR	iris	exon	11918718	11918855	.
	-	.	Parent=Smp_092530.1;Name=461256d4-1d91-471a-
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SM_V9_ZSR	iris	exon	11919576	11919771	.
	-	.	Parent=Smp_092530.1;Name=1d91d21a-d2a2-4c2c-
a557-fab25e0c6c18
SM_V9_ZSR	iris	exon	11920450	11920619	.
	-	.	Parent=Smp_092530.1;Name=01320f57-c982-417e-
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SM_V9_ZSR	iris	exon	11921396	11921494	.
	-	.
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SM_V9_ZSR	iris	exon	11923003	11923083	.
	-	.	Parent=Smp_092530.1;Name=5b56c2c4-c99b-435f-
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SM_V9_ZSR	iris	exon	11924782	11924880	.
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SM_V9_ZSR	iris	exon	11930584	11930757	.
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SM_V9_ZSR	iris	exon	11932878	11933019	.
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SM_V9_ZSR	iris	exon	11938253	11938377	.
	-	.	Parent=Smp_092530.1;Name=a555101d-f2bd-49ee-
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SM_V9_ZSR	iris	exon	11946010	11946210	.
	-	.	Parent=Smp_092530.1;Name=f8755d06-
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SM_V9_ZSR	iris	exon	11948676	11948773	.
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SM_V9_ZSR	iris	CDS	11909120	11909221	.
	-	0	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11910629	11910906	.
	-	2	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11915449	11915685	.
	-	2	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11916021	11916346	.
	-	1	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11917337	11917542	.
	-	0	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11918718	11918855	.
	-	0	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11919576	11919771	.
	-	1	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11920450	11920619	.
	-	0	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11921396	11921494	.
	-	0	Parent=Smp_092530.1
SM_V9_ZSR	iris	CDS	11923003	11923083	.
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SM_V9_ZSR	iris	CDS	11924782	11924880	.
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SM_V9_ZSR       iris    CDS     11930584        11930757        .
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SM_V9_ZSR       iris    CDS     11932878        11933019        .
        -       1       Parent=Smp_092530.1
SM_V9_ZSR       iris    CDS     11938253        11938377        .
        -       0       Parent=Smp_092530.1
SM_V9_ZSR       iris    CDS     11946010        11946210        .
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SM_V9_ZSR       iris    gene    11956120        11974562        .
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SM_V9_ZSR       iris    mRNA    11956120        11974562        .
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ID=Smp_245230.1;Parent=Smp_245230;geneID=Smp_245230;gene_name=Smp_24
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ied=2022-10-01;Name=Smp_245230.1;product=Uncharacterized protein
MG256 homolog;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    11956120        11956413        .
        +       .       Parent=Smp_245230.1;Name=c934ba1b-c117-454e-
ac08-f8ff92b389c2
SM_V9_ZSR       iris    exon    11956447        11956494        .
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a5b7-797f2b88c91b
SM_V9_ZSR       iris    exon    11956537        11956582        .
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ad2d-cb9b80f5e427
SM_V9_ZSR       iris    exon    11956638        11956960        .
        +       .
Parent=Smp_245230.1;Name=c7862166-0862-4166-8ab4-b692c0f2fe52
SM_V9_ZSR       iris    exon    11956997        11957194        .
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Parent=Smp_245230.1;Name=b377a895-60f9-4876-903c-d3ded49a3cff
SM_V9_ZSR       iris    exon    11957225        11957267        .
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SM_V9_ZSR       iris    exon    11957301        11957371        .
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SM_V9_ZSR       iris    exon    11957425        11957521        .
        +       .
Parent=Smp_245230.1;Name=9ebdc4e5-0d91-4f45-9bff-dc45ac796821
SM_V9_ZSR       iris    exon    11957556        11957690        .
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Parent=Smp_245230.1;Name=73ca2e3c-5b43-468c-93ed-aa2f0c15e71e
SM_V9_ZSR       iris    exon    11957729        11957932        .
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a4c6-7369a1705ac1
SM_V9_ZSR       iris    exon    11957967        11958075        .
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Parent=Smp_245230.1;Name=9107e42f-0c62-40f2-9399-4e235dd8cb66
SM_V9_ZSR       iris    exon    11958113        11958414        .
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Parent=Smp_245230.1;Name=f8a55038-9677-4636-85a7-d137ef110a06
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Parent=Smp_245230.1;Name=82ec2498-6128-4ab7-9310-7a73eee0351b
SM_V9_ZSR       iris    exon    11959519        11959702        .
        +       .       Parent=Smp_245230.1;Name=bcff6c20-
f7da-4756-919e-4f43dfbe06d6
SM_V9_ZSR       iris    exon    11963677        11963800        .
        +       .       Parent=Smp_245230.1;Name=85b29cf4-6883-49c6-
b7a9-72a7cff3545a
SM_V9_ZSR       iris    exon    11963842        11963902        .
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Parent=Smp_245230.1;Name=4961e962-1969-41df-8d5e-a25f353b15ec
SM_V9_ZSR       iris    exon    11965289        11965422        .
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Parent=Smp_245230.1;Name=1c689ef7-8233-4c91-8866-e54897e9d88b
SM_V9_ZSR       iris    exon    11966710        11966799        .
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Parent=Smp_245230.1;Name=f6aa4196-8650-4a6d-961a-e8cc0a91a6c9
SM_V9_ZSR       iris    exon    11967641        11967733        .
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Parent=Smp_245230.1;Name=d78c172a-5873-41ab-9a9a-3500f161f6f7
SM_V9_ZSR       iris    exon    11968638        11968770        .
        +       .       Parent=Smp_245230.1;Name=b0feb3c9-20d9-4822-
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SM_V9_ZSR       iris    exon    11970379        11970480        .
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Parent=Smp_245230.1;Name=ad3ee1e3-80e9-44c3-9c74-05a48c9ed96a
SM_V9_ZSR       iris    exon    11970521        11970634        .
        +       .       Parent=Smp_245230.1;Name=3380624e-2ba4-4b3a-
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SM_V9_ZSR       iris    exon    11972012        11972235        .
        +       .       Parent=Smp_245230.1;Name=03dd8cd8-a9c3-4c6f-
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SM_V9_ZSR       iris    exon    11973110        11973289        .
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Parent=Smp_245230.1;Name=4fa9623f-0978-47c1-98b8-ad6732834022
SM_V9_ZSR       iris    exon    11973841        11973967        .
        +       .       Parent=Smp_245230.1;Name=3bd3180a-3967-4766-
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SM_V9_ZSR       iris    exon    11974000        11974115        .
        +       .       Parent=Smp_245230.1;Name=d478953d-3fe6-4fc7-
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SM_V9_ZSR       iris    exon    11974152        11974289        .
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SM_V9_ZSR       iris    CDS     11956161        11956413        .
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SM_V9_ZSR       iris    CDS     11957225        11957267        .
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SM_V9_ZSR       iris    CDS     11957301        11957371        .
        +       1       Parent=Smp_245230.1
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SM_V9_ZSR       iris    CDS     11957556        11957690        .
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SM_V9_ZSR       iris    CDS     11957967        11958075        .
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SM_V9_ZSR       iris    CDS     11958460        11958656        .
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SM_V9_ZSR       iris    CDS     11959519        11959702        .
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SM_V9_ZSR       iris    CDS     11963677        11963800        .
        +       1       Parent=Smp_245230.1
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SM_V9_ZSR       iris    CDS     11970379        11970480        .
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SM_V9_ZSR       iris    CDS     11974000        11974115        .
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SM_V9_ZSR       iris    CDS     11974152        11974289        .
        +       0       Parent=Smp_245230.1
SM_V9_ZSR       iris    CDS     11974335        11974475        .
        +       0       Parent=Smp_245230.1
SM_V9_ZSR       iris    gene    11977032        11998352        .
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ID=Smp_158770;geneID=Smp_158770;gene_name=Smp_158770;owner=irisadmin
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SM_V9_ZSR	iris	exon	11977032	11977517	.
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SM_V9_ZSR	iris	exon	11978325	11978421	.
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SM_V9_ZSR	iris	exon	11991584	11991838	.
	-	.	Parent=Smp_158770.1;Name=a14b03ec-dc91-4194-
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SM_V9_ZSR	iris	exon	11993985	11994085	.
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SM_V9_ZSR	iris	exon	11994353	11994545	.
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SM_V9_ZSR	iris	CDS	11977234	11977517	.
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SM_V9_ZSR	iris	CDS	11978325	11978421	.
	-	0	Parent=Smp_158770.1
SM_V9_ZSR	iris	CDS	11985943	11986074	.
	-	0	Parent=Smp_158770.1
SM_V9_ZSR	iris	CDS	11987533	11987762	.
	-	2	Parent=Smp_158770.1
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	-	1	Parent=Smp_158770.1
SM_V9_ZSR	iris	CDS	11991584	11991838	.
	-	1	Parent=Smp_158770.1
SM_V9_ZSR	iris	CDS	11993985	11994085	.
	-	0	Parent=Smp_158770.1
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	-	1	Parent=Smp_158770.1
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SM_V9_ZSR	iris	exon	12018202	12018361	.
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SM_V9_ZSR       iris    exon    12022463        12022718        .
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SM_V9_ZSR       iris    exon    12030766        12030912        .
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SM_V9_ZSR       iris    exon    12033879        12034088        .
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SM_V9_ZSR       iris    exon    12034658        12034852        .
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SM_V9_ZSR       iris    exon    12035879        12036082        .
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SM_V9_ZSR       iris    exon    12038663        12041752        .
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SM_V9_ZSR       iris    exon    12044266        12044739        .
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SM_V9_ZSR       iris    exon    12045953        12046192        .
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SM_V9_ZSR       iris    exon    12047346        12053105        .
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SM_V9_ZSR       iris    CDS     11998590        11998949        .
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SM_V9_ZSR       iris    CDS     12002838        12003049        .
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SM_V9_ZSR       iris    CDS     12004746        12005000        .
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SM_V9_ZSR       iris    CDS     12012053        12012278        .
        +       2       Parent=Smp_245220.1
SM_V9_ZSR       iris    CDS     12018202        12018361        .
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SM_V9_ZSR       iris    CDS     12022463        12022718        .
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SM_V9_ZSR       iris    CDS     12023951        12024195        .
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SM_V9_ZSR       iris    CDS     12035879        12036082        .
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SM_V9_ZSR       iris    CDS     12038663        12041752        .
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SM_V9_ZSR       iris    CDS     12044266        12044739        .
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SM_V9_ZSR       iris    exon    12082664        12083528        .
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SM_V9_ZSR       iris    exon    12089101        12089622        .
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SM_V9_ZSR       Liftoff mRNA    12095740        12113786        .
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SM_V9_ZSR       Liftoff exon    12095740        12095990        .
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SM_V9_ZSR       Liftoff exon    12102735        12102827        .
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SM_V9_ZSR       Liftoff CDS     12095804        12095990        .
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SM_V9_ZSR	Liftoff	exon	12124304	12124408	.
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SM_V9_ZSR	Liftoff	exon	12135831	12137115	.
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SM_V9_ZSR	Liftoff	CDS	12133978	12134181	.
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	+	.	Parent=Smp_158740.1;Name=81404bfb-fca9-424e-
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	+	.
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SM_V9_ZSR	iris	CDS	12167666	12168933	.
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SM_V9_ZSR	iris	gene	12260739	12315626	.
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2;date_creation=2022-07-09
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Parent=Smp_158730.1;Name=ff268a78-37cb-4ef6-9b50-e2fd8fa34c67
SM_V9_ZSR       iris    exon    12264789        12264896        .
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SM_V9_ZSR       iris    exon    12274011        12274149        .
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SM_V9_ZSR       iris    exon    12279310        12279524        .
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        -       .
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SM_V9_ZSR       iris    exon    12288199        12288393        .
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SM_V9_ZSR       iris    exon    12289957        12290139        .
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        -       .
Parent=Smp_158730.1;Name=0827a1ab-0214-4852-9b5c-a7d0ca4b21ee
SM_V9_ZSR       iris    exon    12292955        12293058        .
        -       .       Parent=Smp_158730.1;Name=123e7623-
c9ee-453e-80f3-a3c844382f2d
SM_V9_ZSR       iris    exon    12294163        12294305        .
        -       .
Parent=Smp_158730.1;Name=7ee6454a-0891-4690-8133-19a8a7624a40
SM_V9_ZSR       iris    exon    12296018        12296120        .
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Parent=Smp_158730.1;Name=ec7ee1d1-2ef6-42e3-9842-2ca72d32a065
SM_V9_ZSR       iris    exon    12298885        12299112        .
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SM_V9_ZSR       iris    exon    12301713        12301920        .
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bc00-931ac11df82b
SM_V9_ZSR       iris    exon    12305530        12305720        .
        -       .       Parent=Smp_158730.1;Name=13aedeed-4182-4484-
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SM_V9_ZSR       iris    exon    12308132        12308320        .
        -       .       Parent=Smp_158730.1;Name=f81a3462-
da87-41a7-993d-15032cf0e9aa
SM_V9_ZSR       iris    exon    12309141        12309200        .
        -       .
Parent=Smp_158730.1;Name=8c8ae767-2b50-4261-9532-1dc7b5108320
SM_V9_ZSR       iris    exon    12309232        12309420        .
        -       .       Parent=Smp_158730.1;Name=9f8e4de6-0cf8-452b-
bf63-d8fd757c1c21
SM_V9_ZSR       iris    exon    12310628        12310715        .
        -       .       Parent=Smp_158730.1;Name=a047168d-cfbd-4db7-
aee4-942ca9367a2d
SM_V9_ZSR       iris    exon    12312712        12312929        .
        -       .       Parent=Smp_158730.1;Name=9186329a-
d578-442d-9597-2d49d16ec6a5
SM_V9_ZSR       iris    exon    12315117        12315363        .
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Parent=Smp_158730.1;Name=13d4bdf0-99d3-4f54-9d43-3a86cd7ced06
SM_V9_ZSR       iris    exon    12315394        12315493        .
        -       .
Parent=Smp_158730.1;Name=102da61b-4db9-40f1-8ae5-61e3fb6287f4
SM_V9_ZSR       iris    exon    12315535        12315626        .
        -       .
Parent=Smp_158730.1;Name=e10ef2ab-83e1-4298-987d-8313b341a764
SM_V9_ZSR       iris    CDS     12261015        12261206        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12264789        12264896        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12267861        12267939        .
        -       1       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12268903        12269189        .
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SM_V9_ZSR       iris    CDS     12269832        12270290        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12271694        12271831        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12272783        12272882        .
        -       1       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12274011        12274149        .
        -       2       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12275556        12275639        .
        -       2       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12277020        12277224        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12279310        12279524        .
        -       2       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12281457        12281712        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12282612        12282717        .
        -       1       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12284673        12284938        .
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SM_V9_ZSR       iris    CDS     12288199        12288393        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12289207        12289493        .
        -       2       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12289957        12290139        .
        -       2       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12290489        12291288        .
        -       1       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12292955        12293058        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12294163        12294305        .
        -       2       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12296018        12296120        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12298885        12299112        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12301713        12301920        .
        -       1       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12305530        12305720        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12308132        12308320        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12309141        12309200        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12309232        12309420        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12310628        12310715        .
        -       1       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12312712        12312929        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12315117        12315363        .
        -       1       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12315394        12315493        .
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        -       2       Parent=Smp_158730.1
SM_V9_ZSR       iris    CDS     12315535        12315583        .
        -       0       Parent=Smp_158730.1
SM_V9_ZSR       iris    gene    12321750        12331609        .
        +       .
ID=Smp_067540;geneID=Smp_067540;gene_name=Smp_067540;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    12321750        12331609        .
        +       .
ID=Smp_067540.1;Parent=Smp_067540;geneID=Smp_067540;gene_name=Smp_06
7540;owner=irisadmin@local.host;orig_id=Smp_067540.1;date_last_modif
ied=2022-07-18;Name=Smp_067540.1;product=Vacuolar protein sorting-
associated protein 28 homolog;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    12321750        12321795        .
        +       .       Parent=Smp_067540.1;Name=d1d61832-4425-418b-
a684-9954cae12b2d
SM_V9_ZSR       iris    exon    12328782        12328807        .
        +       .
Parent=Smp_067540.1;Name=360574c7-131f-4bad-946d-b35418bff2ec
SM_V9_ZSR       iris    exon    12328846        12328883        .
        +       .       Parent=Smp_067540.1;Name=4a44c797-81a4-42bf-
bcbd-5bc24f6377c9
SM_V9_ZSR       iris    exon    12328920        12329009        .
        +       .       Parent=Smp_067540.1;Name=915ff04a-0a63-4099-
b126-a0b0e5e7f03c
SM_V9_ZSR       iris    exon    12329051        12329156        .
        +       .       Parent=Smp_067540.1;Name=c68f7cef-49e5-4829-
b0b1-c263110ddcdc
SM_V9_ZSR       iris    exon    12329196        12329297        .
        +       .       Parent=Smp_067540.1;Name=deff51c0-270e-4dc0-
a25f-0112b2988c69
SM_V9_ZSR       iris    exon    12330618        12330671        .
        +       .       Parent=Smp_067540.1;Name=3b8b71d7-74bf-4a56-
bda5-0ab58af1d7f9
SM_V9_ZSR       iris    exon    12330708        12330799        .
        +       .
Parent=Smp_067540.1;Name=9766e447-7d24-4eac-9b41-248efd974cc2
SM_V9_ZSR       iris    exon    12331328        12331609        .
        +       .       Parent=Smp_067540.1;Name=63a9256e-30d3-43d9-
b621-fea7295332f0
SM_V9_ZSR       iris    CDS     12321795        12321795        .
        +       0       Parent=Smp_067540.1
SM_V9_ZSR       iris    CDS     12328782        12328807        .
        +       2       Parent=Smp_067540.1
SM_V9_ZSR       iris    CDS     12328846        12328883        .
        +       0       Parent=Smp_067540.1
SM_V9_ZSR       iris    CDS     12328920        12329009        .
        +       1       Parent=Smp_067540.1
SM_V9_ZSR       iris    CDS     12329051        12329156        .
        +       1       Parent=Smp_067540.1
SM_V9_ZSR       iris    CDS     12329196        12329297        .
        +       0       Parent=Smp_067540.1
SM_V9_ZSR       iris    CDS     12330618        12330671        .
        +       0       Parent=Smp_067540.1
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SM_V9_ZSR	iris	CDS	12330708	12330799	.
	+	0	Parent=Smp_067540.1
SM_V9_ZSR	iris	CDS	12331328	12331451	.
	+	1	Parent=Smp_067540.1
SM_V9_ZSR	iris	gene	12338336	12413199	.
	-	.
ID=Smp_158720;geneID=Smp_158720;gene_name=Smp_158720;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	12338336	12413199	.
	-	.
ID=Smp_158720.1;Parent=Smp_158720;geneID=Smp_158720;gene_name=Smp_15
8720;owner=irisadmin@local.host;orig_id=Smp_158720.3;date_last_modif
ied=2022-08-02;Name=Smp_158720.1;product=SCY1-like protein
2;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	12338336	12338734	.
	-	.	Parent=Smp_158720.1;Name=9e5b100a-d15a-4501-
a9b9-5971a4899abc
SM_V9_ZSR	iris	exon	12344263	12344469	.
	-	.	Parent=Smp_158720.1;Name=7692e819-74d6-45d2-
bce2-405781274715
SM_V9_ZSR	iris	exon	12345900	12346096	.
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SM_V9_ZSR	iris	exon	12347029	12347160	.
	-	.
Parent=Smp_158720.1;Name=68eb04f6-3986-4c81-8e74-8c12c255479c
SM_V9_ZSR	iris	exon	12348829	12348944	.
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Parent=Smp_158720.1;Name=3079dc63-4b63-4259-9c78-ce4840af57e1
SM_V9_ZSR	iris	exon	12349643	12349761	.
	-	.	Parent=Smp_158720.1;Name=32738d47-20f2-4752-
a4db-cffcac11204d
SM_V9_ZSR	iris	exon	12352880	12352998	.
	-	.	Parent=Smp_158720.1;Name=bbaa049b-
cf0c-40ca-8fb3-26460dd4b897
SM_V9_ZSR	iris	exon	12354760	12354892	.
	-	.
Parent=Smp_158720.1;Name=8c8dede5-5dcb-4466-8ce5-c202f075fc73
SM_V9_ZSR	iris	exon	12356869	12356985	.
	-	.
Parent=Smp_158720.1;Name=91eb1dd8-7084-4a55-885b-b5f3b000ba7e
SM_V9_ZSR	iris	exon	12357933	12358055	.
	-	.	Parent=Smp_158720.1;Name=bf2e5b79-0c5d-4baa-
ad63-77cf1e094d27
SM_V9_ZSR	iris	exon	12362136	12362315	.
	-	.
Parent=Smp_158720.1;Name=7ce15797-10ff-459c-9d2a-a9fa39814cdc
SM_V9_ZSR	iris	exon	12363126	12363251	.
	-	.
Parent=Smp_158720.1;Name=84a30faf-9273-4326-9b8b-532b7259a964
SM_V9_ZSR	iris	exon	12368574	12368690	.
	-	.	Parent=Smp_158720.1;Name=7be752eb-bb88-48ba-
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SM_V9_ZSR	iris	exon	12373046	12373261	.
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        -       .       Parent=Smp_158720.1;Name=693c4967-7984-4c54-
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SM_V9_ZSR       iris    exon    12373978        12374121        .
        -       .       Parent=Smp_158720.1;Name=73678b16-d220-4412-
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SM_V9_ZSR       iris    exon    12377089        12377133        .
        -       .       Parent=Smp_158720.1;Name=d5fc4e53-d10c-43bd-
baf3-b4126cff240e
SM_V9_ZSR       iris    exon    12378792        12378858        .
        -       .       Parent=Smp_158720.1;Name=4c13a67c-de2c-4141-
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SM_V9_ZSR       iris    exon    12381908        12382068        .
        -       .       Parent=Smp_158720.1;Name=08b10593-0dd5-475b-
bc61-08ab8cb5090d
SM_V9_ZSR       iris    exon    12393834        12394030        .
        -       .       Parent=Smp_158720.1;Name=44aba4c7-67ff-4fd8-
a0d8-ed0f031396f2
SM_V9_ZSR       iris    exon    12412582        12413199        .
        -       .       Parent=Smp_158720.1;Name=917b060d-8e1c-425a-
acb2-17509e8e8740
SM_V9_ZSR       iris    CDS     12338708        12338734        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12344263        12344469        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12345900        12346096        .
        -       2       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12347029        12347160        .
        -       2       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12348829        12348944        .
        -       1       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12349643        12349761        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12352880        12352998        .
        -       2       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12354760        12354892        .
        -       0       Parent=Smp_158720.1
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SM_V9_ZSR       iris    CDS     12357933        12358055        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12362136        12362315        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12363126        12363251        .
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SM_V9_ZSR       iris    CDS     12368574        12368690        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12373046        12373261        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12373978        12374121        .
        -       0       Parent=Smp_158720.1
SM_V9_ZSR       iris    CDS     12377089        12377133        .
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SM_V9_ZSR	iris	CDS	12381908	12382068	.
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SM_V9_ZSR	iris	CDS	12393834	12393992	.
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SM_V9_ZSR	iris	gene	12458865	12474505	.
	-	.
ID=Smp_067520;geneID=Smp_067520;gene_name=Smp_067520;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	12458865	12474505	.
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ID=Smp_067520.1;Parent=Smp_067520;geneID=Smp_067520;gene_name=Smp_06
7520;owner=irisadmin@local.host;orig_id=Smp_067520.1;date_last_modif
ied=2022-06-30;Name=Smp_067520.1;product=Transcription factor
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SM_V9_ZSR	iris	exon	12458865	12462152	.
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SM_V9_ZSR	iris	exon	12463957	12464824	.
	-	.	Parent=Smp_067520.1;Name=78e46b8b-7b19-40a3-
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SM_V9_ZSR	iris	exon	12468442	12468819	.
	-	.	Parent=Smp_067520.1;Name=f1f4ef26-
a833-4f0b-984c-7b24267daf2c
SM_V9_ZSR	iris	exon	12473979	12474505	.
	-	.	Parent=Smp_067520.1;Name=8833c271-
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SM_V9_ZSR	iris	CDS	12460935	12462152	.
	-	0	Parent=Smp_067520.1
SM_V9_ZSR	iris	CDS	12463957	12464824	.
	-	1	Parent=Smp_067520.1
SM_V9_ZSR	iris	CDS	12468442	12468819	.
	-	1	Parent=Smp_067520.1
SM_V9_ZSR	iris	CDS	12473979	12474352	.
	-	0	Parent=Smp_067520.1
SM_V9_ZSR	iris	mRNA	12458865	12474505	.
	-	.
ID=Smp_067520.2;Parent=Smp_067520;geneID=Smp_067520;gene_name=Smp_06
7520;owner=irisadmin@local.host;orig_id=Smp_067520.2;date_last_modif
ied=2022-06-30;Name=Smp_067520.2;product=Transcription factor
AP-1;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	12458865	12464824	.
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SM_V9_ZSR	iris	exon	12468442	12468819	.
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d0e7-4e9e-8164-5acfb4f20ea6
SM_V9_ZSR	iris	exon	12473979	12474505	.
	-	.
Parent=Smp_067520.2;Name=8f867b10-18d3-44a2-910c-6227e9bf6f7e
SM_V9_ZSR	iris	CDS	12463867	12464824	.
	-	1	Parent=Smp_067520.2
SM_V9_ZSR	iris	CDS	12468442	12468819	.
	-	1	Parent=Smp_067520.2
SM_V9_ZSR	iris	CDS	12473979	12474352	.
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        -       0       Parent=Smp_067520.2
SM_V9_ZSR       Liftoff gene    12492330        12506315        .
        +       .       ID=Smp_067510;geneID=Smp_067510
SM_V9_ZSR       Liftoff mRNA    12492330        12506315        .
        +       .
ID=Smp_067510.1;Parent=Smp_067510;geneID=Smp_067510;product=Clusteri
n-associated protein 1 homolog;polypeptide_domain=InterPro:IPR019366
Pfam:PF10234
SM_V9_ZSR       Liftoff exon    12492330        12492779        .
        +       .       Parent=Smp_067510.1
SM_V9_ZSR       Liftoff exon    12497812        12498318        .
        +       .       Parent=Smp_067510.1
SM_V9_ZSR       Liftoff exon    12501535        12501969        .
        +       .       Parent=Smp_067510.1
SM_V9_ZSR       Liftoff exon    12506156        12506315        .
        +       .       Parent=Smp_067510.1
SM_V9_ZSR       Liftoff CDS     12492384        12492779        .
        +       0       Parent=Smp_067510.1
SM_V9_ZSR       Liftoff CDS     12497812        12498318        .
        +       0       Parent=Smp_067510.1
SM_V9_ZSR       Liftoff CDS     12501535        12501969        .
        +       0       Parent=Smp_067510.1
SM_V9_ZSR       Liftoff CDS     12506156        12506248        .
        +       0       Parent=Smp_067510.1
SM_V9_ZSR       iris    gene    12508720        12574386        .
        -       .
ID=Smp_347690;geneID=Smp_347690;gene_name=Smp_347690;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    12508720        12535077        .
        -       .
ID=Smp_347690.2;Parent=Smp_347690;geneID=Smp_347690;gene_name=Smp_34
7690;owner=irisadmin@local.host;date_last_modified=2022-07-18;Name=S
mp_347690.2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    12508720        12510251        .
        -       .       Parent=Smp_347690.2;Name=7fd5aed7-fd54-412d-
b427-73ec67084424
SM_V9_ZSR       iris    exon    12511707        12511778        .
        -       .
Parent=Smp_347690.2;Name=95a2684b-4824-43a8-8df0-3b68f82ba24a
SM_V9_ZSR       iris    exon    12514572        12514775        .
        -       .       Parent=Smp_347690.2;Name=c28c0c1b-
cc96-482e-9cbd-432c72c67f05
SM_V9_ZSR       iris    exon    12516619        12517160        .
        -       .       Parent=Smp_347690.2;Name=f1d43c37-d5cb-4431-
bb60-fc2ceab35b1e
SM_V9_ZSR       iris    exon    12521259        12521506        .
        -       .
Parent=Smp_347690.2;Name=7064aac7-6dc5-440d-94e6-9eabd6370be1
SM_V9_ZSR       iris    exon    12524172        12524398        .
        -       .       Parent=Smp_347690.2;Name=7259078a-e8d0-4abb-
ae99-65d81cd8a575
SM_V9_ZSR       iris    exon    12526214        12526311        .
        -       .       Parent=Smp_347690.2;Name=664f96f9-d446-4c45-
abed-6ccaf2356d1a
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SM_V9_ZSR	iris	exon	12528062	12528249	.
	-	.
Parent=Smp_347690.2;Name=0ad71d00-2a31-4829-9764-5ecc4c3463a2
SM_V9_ZSR	iris	exon	12529795	12529945	.
	-	.	Parent=Smp_347690.2;Name=51687a49-
e371-4c80-80a1-aedbb7ec0683
SM_V9_ZSR	iris	exon	12532696	12532779	.
	-	.	Parent=Smp_347690.2;Name=daa739c3-fe6f-4084-
af78-cef0e846e939
SM_V9_ZSR	iris	exon	12533666	12535077	.
	-	.	Parent=Smp_347690.2;Name=e39d85ad-
af31-4826-8961-018cf5205ae8
SM_V9_ZSR	iris	CDS	12509366	12510251	.
	-	1	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12511707	12511778	.
	-	1	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12514572	12514775	.
	-	1	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12516619	12517160	.
	-	0	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12521259	12521506	.
	-	2	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12524172	12524398	.
	-	1	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12526214	12526311	.
	-	0	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12528062	12528249	.
	-	2	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12529795	12529945	.
	-	0	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12532696	12532779	.
	-	0	Parent=Smp_347690.2
SM_V9_ZSR	iris	CDS	12533666	12534904	.
	-	0	Parent=Smp_347690.2
SM_V9_ZSR	iris	mRNA	12508720	12574386	.
	-	.
ID=Smp_347690.1;Parent=Smp_347690;geneID=Smp_347690;gene_name=Smp_34
7690;owner=irisadmin@local.host;orig_id=Smp_347690.1;date_last_modif
ied=2022-07-18;Name=Smp_347690.1;product=Neuron navigator
3;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	12508720	12510251	.
	-	.	Parent=Smp_347690.1;Name=05b6934c-
fcc0-4d9e-855e-ff0d7b3cacee
SM_V9_ZSR	iris	exon	12511707	12511778	.
	-	.	Parent=Smp_347690.1;Name=5f491178-e335-4d38-
a9a9-0b13f866f1d2
SM_V9_ZSR	iris	exon	12514572	12514775	.
	-	.	Parent=Smp_347690.1;Name=1a3b29b8-4fcb-47ee-
bf6d-539c5cb0e68d
SM_V9_ZSR	iris	exon	12516619	12517160	.
	-	.
Parent=Smp_347690.1;Name=99060f09-7fbb-4b41-8f3e-a21edd2ebc8e
SM_V9_ZSR	iris	exon	12521259	12521506	.
	-	.	Parent=Smp_347690.1;Name=bce94b09-8709-47fa-
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b829-61cfd828b12d
SM_V9_ZSR       iris    exon    12524172        12524398        .
        -       .       Parent=Smp_347690.1;Name=3c0b5a64-a3ce-4fbb-
a973-230a043f1ca2
SM_V9_ZSR       iris    exon    12526214        12526311        .
        -       .       Parent=Smp_347690.1;Name=66f5bf16-db1d-48fe-
bb69-6f25260ddb01
SM_V9_ZSR       iris    exon    12528062        12528249        .
        -       .
Parent=Smp_347690.1;Name=78507f90-45b5-401c-829d-05b7eaeae03c
SM_V9_ZSR       iris    exon    12529795        12529945        .
        -       .       Parent=Smp_347690.1;Name=ad9cc010-
d828-482f-9b27-6567747fadf4
SM_V9_ZSR       iris    exon    12532696        12532779        .
        -       .       Parent=Smp_347690.1;Name=7b3dd035-bccd-4d82-
b621-08a154032e0c
SM_V9_ZSR       iris    exon    12537059        12537133        .
        -       .       Parent=Smp_347690.1;Name=7dfca668-
d9f3-4ef2-88fc-d8eb374ebb2c
SM_V9_ZSR       iris    exon    12538677        12538726        .
        -       .
Parent=Smp_347690.1;Name=e90417a1-8dda-42d7-93d2-c42db7772580
SM_V9_ZSR       iris    exon    12541540        12541596        .
        -       .       Parent=Smp_347690.1;Name=4d1fddc0-d93b-4f44-
afd5-05e09d125d06
SM_V9_ZSR       iris    exon    12541616        12542610        .
        -       .       Parent=Smp_347690.1;Name=c20e2e91-
f49a-42e1-845f-a8319a245b82
SM_V9_ZSR       iris    exon    12545425        12547971        .
        -       .       Parent=Smp_347690.1;Name=9c752767-54c1-4a3f-
b08a-c86a34165137
SM_V9_ZSR       iris    exon    12573847        12574386        .
        -       .
Parent=Smp_347690.1;Name=0f1d4200-59cc-4ed5-8c20-aad2633e2f2b
SM_V9_ZSR       iris    CDS     12509366        12510251        .
        -       1       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12511707        12511778        .
        -       1       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12514572        12514775        .
        -       1       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12516619        12517160        .
        -       0       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12521259        12521506        .
        -       2       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12524172        12524398        .
        -       1       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12526214        12526311        .
        -       0       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12528062        12528249        .
        -       2       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12529795        12529945        .
        -       0       Parent=Smp_347690.1
SM_V9_ZSR       iris    CDS     12532696        12532779        .
        -       0       Parent=Smp_347690.1
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SM_V9_ZSR	iris	CDS	12537059	12537133	.
	-	0	Parent=Smp_347690.1
SM_V9_ZSR	iris	CDS	12538677	12538726	.
	-	2	Parent=Smp_347690.1
SM_V9_ZSR	iris	CDS	12541540	12541596	.
	-	2	Parent=Smp_347690.1
SM_V9_ZSR	iris	CDS	12541616	12542610	.
	-	1	Parent=Smp_347690.1
SM_V9_ZSR	iris	CDS	12545425	12547688	.
	-	0	Parent=Smp_347690.1
SM_V9_ZSR	Liftoff	gene	12606300	12611187	.
	+	.
ID=Smp_340330;geneID=Smp_340330;previous_systematic_id=Smp_020960
SM_V9_ZSR	Liftoff	mRNA	12606300	12611187	.
	+	.
ID=Smp_340330.1;Parent=Smp_340330;geneID=Smp_340330;product=Pancreas
transcription factor 1 subunit
alpha;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_ZSR	Liftoff	exon	12606300	12607046	.
	+	.	Parent=Smp_340330.1
SM_V9_ZSR	Liftoff	exon	12610770	12611187	.
	+	.	Parent=Smp_340330.1
SM_V9_ZSR	Liftoff	CDS	12606443	12607046	.
	+	0	Parent=Smp_340330.1
SM_V9_ZSR	Liftoff	CDS	12610770	12611086	.
	+	2	Parent=Smp_340330.1
SM_V9_ZSR	iris	gene	12676899	12767676	.
	-	.
ID=Smp_245200;geneID=Smp_245200;gene_name=Smp_245200;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR	iris	mRNA	12676899	12767676	.
	-	.
ID=Smp_245200.1;Parent=Smp_245200;geneID=Smp_245200;gene_name=Smp_24
5200;owner=irisadmin@local.host;orig_id=Smp_245200.1;date_last_modif
ied=2022-08-20;Name=Smp_245200.1;product=Asparagine synthetase
domain-containing protein 1;date_creation=2022-08-20
SM_V9_ZSR	iris	exon	12676899	12677195	.
	-	.
Parent=Smp_245200.1;Name=fe5f3094-0e55-436f-84bc-ab9cd619142e
SM_V9_ZSR	iris	exon	12690605	12690695	.
	-	.	Parent=Smp_245200.1;Name=1a7fe52d-
c079-4f6e-8464-703ce71b439f
SM_V9_ZSR	iris	exon	12706705	12706788	.
	-	.	Parent=Smp_245200.1;Name=f183d0c5-
f5eb-4d4a-9b78-fbed4ae17502
SM_V9_ZSR	iris	exon	12734181	12734248	.
	-	.	Parent=Smp_245200.1;Name=d0f1107d-
ea33-411e-8021-3124112a7693
SM_V9_ZSR	iris	exon	12736668	12736815	.
	-	.	Parent=Smp_245200.1;Name=f7776db4-b13f-45f0-
b3e9-794b66373232
SM_V9_ZSR	iris	exon	12747899	12747933	.
	-	.	Parent=Smp_245200.1;Name=0e70e274-ea3d-4c7c-
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b3ff-350daefea09f
SM_V9_ZSR       iris    exon    12758426        12758546        .
        -       .
Parent=Smp_245200.1;Name=0550a0f4-776b-443b-8cb9-6c74c4c27594
SM_V9_ZSR       iris    exon    12759907        12759987        .
        -       .
Parent=Smp_245200.1;Name=5ddad1ce-1862-4b67-9cc7-2905be160246
SM_V9_ZSR       iris    exon    12762414        12762838        .
        -       .       Parent=Smp_245200.1;Name=648add17-8432-41e8-
a224-6f60362acacd
SM_V9_ZSR       iris    exon    12763473        12763637        .
        -       .       Parent=Smp_245200.1;Name=0491620a-
c8ed-4def-874d-c0c7b1f46642
SM_V9_ZSR       iris    exon    12763677        12764066        .
        -       .       Parent=Smp_245200.1;Name=836cf0a8-df90-4a01-
a198-fae442ed5fd2
SM_V9_ZSR       iris    exon    12767596        12767676        .
        -       .       Parent=Smp_245200.1;Name=31770a1c-e3b9-4a7a-
a64c-aa710ae8f4d8
SM_V9_ZSR       iris    CDS     12676992        12677195        .
        -       0       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12690605        12690695        .
        -       1       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12706705        12706788        .
        -       1       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12734181        12734248        .
        -       0       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12736668        12736815        .
        -       1       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12747899        12747933        .
        -       0       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12758426        12758546        .
        -       1       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12759907        12759987        .
        -       1       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12762414        12762838        .
        -       0       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12763473        12763637        .
        -       0       Parent=Smp_245200.1
SM_V9_ZSR       iris    CDS     12763677        12763943        .
        -       0       Parent=Smp_245200.1
SM_V9_ZSR       Liftoff gene    12714188        12739645        .
        +       .
ID=Smp_342800;geneID=Smp_342800;previous_systematic_id=Smp_133550
SM_V9_ZSR       Liftoff mRNA    12714188        12739645        .
        +       .
ID=Smp_342800.1;Parent=Smp_342800;geneID=Smp_342800;product=Neuropep
tide F
receptor;polypeptide_domain=InterPro:IPR000276,IPR000611,IPR017452
Pfam:PF00001;Ontology_term=GO:0004930,GO:0004983,GO:0007186,GO:00160
21
SM_V9_ZSR       Liftoff exon    12714188        12714602        .
        +       .       Parent=Smp_342800.1
SM_V9_ZSR       Liftoff exon    12728012        12739645        .
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        +       .       Parent=Smp_342800.1
SM_V9_ZSR       Liftoff CDS     12714493        12714602        .
        +       0       Parent=Smp_342800.1
SM_V9_ZSR       Liftoff CDS     12728012        12729797        .
        +       1       Parent=Smp_342800.1
SM_V9_ZSR       iris    gene    12779105        12783031        .
        +       .
ID=Smp_336770;geneID=Smp_336770;gene_name=Smp_336770;owner=irisadmin
@local.host;date_last_modified=2022-10-04;date_creation=2022-10-04
SM_V9_ZSR       iris    mRNA    12779105        12783031        .
        +       .
ID=Smp_336770.1;Parent=Smp_336770;geneID=Smp_336770;gene_name=Smp_33
6770;owner=irisadmin@local.host;orig_id=Smp_336770.1;date_last_modif
ied=2022-10-04;Name=Smp_336770.1;product=DnaJ homolog subfamily B
member 4;date_creation=2022-10-04
SM_V9_ZSR       iris    exon    12779105        12779304        .
        +       .       Parent=Smp_336770.1;Name=6deed716-d011-4285-
af94-547aaf50ee32
SM_V9_ZSR       iris    exon    12779341        12779589        .
        +       .
Parent=Smp_336770.1;Name=7a3bbbaf-3724-49b0-965e-16aed3d74f28
SM_V9_ZSR       iris    exon    12782329        12783031        .
        +       .       Parent=Smp_336770.1;Name=96cb507a-86c8-4b40-
bea5-8c635270391e
SM_V9_ZSR       iris    CDS     12779146        12779304        .
        +       0       Parent=Smp_336770.1
SM_V9_ZSR       iris    CDS     12779341        12779589        .
        +       0       Parent=Smp_336770.1
SM_V9_ZSR       iris    CDS     12782329        12782928        .
        +       0       Parent=Smp_336770.1
SM_V9_ZSR       iris    gene    12785019        12809868        .
        -       .
ID=Smp_133530;geneID=Smp_133530;gene_name=Smp_133530;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    12785019        12809868        .
        -       .
ID=Smp_133530.1;Parent=Smp_133530;geneID=Smp_133530;gene_name=Smp_13
3530;owner=irisadmin@local.host;orig_id=Smp_133530.1;date_last_modif
ied=2022-08-02;Name=Smp_133530.1;product=WW domain-containing
oxidoreductase;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    12785019        12785594        .
        -       .       Parent=Smp_133530.1;Name=2e271fa0-ab6b-43bf-
a2c4-4006155d4513
SM_V9_ZSR       iris    exon    12790399        12790738        .
        -       .       Parent=Smp_133530.1;Name=0ac6b716-e645-4e64-
a130-417315a1ee6b
SM_V9_ZSR       iris    exon    12796149        12796505        .
        -       .
Parent=Smp_133530.1;Name=332fd361-8f6d-45d0-9d07-41e8db62497d
SM_V9_ZSR       iris    exon    12800957        12801054        .
        -       .       Parent=Smp_133530.1;Name=5fad53b1-
d06b-4c03-90b1-be0e5c0ac749
SM_V9_ZSR       iris    exon    12801828        12802115        .
        -       .       Parent=Smp_133530.1;Name=a97d33d9-d906-42ab-
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b1ca-bd7a1618c4a9
SM_V9_ZSR       iris    exon    12807152        12807272        .
        -       .       Parent=Smp_133530.1;Name=1b8acdd9-
ffd4-4237-9aca-eab34825d79b
SM_V9_ZSR       iris    exon    12808702        12808824        .
        -       .
Parent=Smp_133530.1;Name=f7d4d9ee-13e8-4cc4-927e-2c559f91134d
SM_V9_ZSR       iris    exon    12809549        12809868        .
        -       .       Parent=Smp_133530.1;Name=a5538fca-af65-427c-
ac8f-0a69857f6607
SM_V9_ZSR       iris    CDS     12785385        12785594        .
        -       0       Parent=Smp_133530.1
SM_V9_ZSR       iris    CDS     12790399        12790738        .
        -       1       Parent=Smp_133530.1
SM_V9_ZSR       iris    CDS     12796149        12796505        .
        -       1       Parent=Smp_133530.1
SM_V9_ZSR       iris    CDS     12800957        12801054        .
        -       0       Parent=Smp_133530.1
SM_V9_ZSR       iris    CDS     12801828        12802115        .
        -       0       Parent=Smp_133530.1
SM_V9_ZSR       iris    CDS     12807152        12807272        .
        -       1       Parent=Smp_133530.1
SM_V9_ZSR       iris    CDS     12808702        12808824        .
        -       1       Parent=Smp_133530.1
SM_V9_ZSR       iris    CDS     12809549        12809643        .
        -       0       Parent=Smp_133530.1
SM_V9_ZSR       Liftoff gene    12822772        12839517        .
        +       .
ID=Smp_245170;geneID=Smp_245170;previous_systematic_id=Smp_133520,Sm
p_187740
SM_V9_ZSR       Liftoff mRNA    12822772        12839517        .
        +       .
ID=Smp_245170.1;Parent=Smp_245170;geneID=Smp_245170;product=Forkhead
box protein J1-
B;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR018122,IPR03045
6 Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_ZSR       Liftoff exon    12822772        12823087        .
        +       .       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff exon    12823122        12823203        .
        +       .       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff exon    12823241        12823476        .
        +       .       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff exon    12832532        12833656        .
        +       .       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff exon    12836480        12839517        .
        +       .       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff CDS     12822941        12823087        .
        +       0       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff CDS     12823122        12823203        .
        +       0       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff CDS     12823241        12823476        .
        +       2       Parent=Smp_245170.1
SM_V9_ZSR       Liftoff CDS     12832532        12833656        .
        +       0       Parent=Smp_245170.1
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SM_V9_ZSR	Liftoff	CDS	12836480	12838051	.
	+	0	Parent=Smp_245170.1
SM_V9_ZSR	iris	gene	12888585	12909368	.
	-	.
ID=Smp_172730;geneID=Smp_172730;gene_name=Smp_172730;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	12888585	12909368	.
	-	.
ID=Smp_172730.1;Parent=Smp_172730;geneID=Smp_172730;gene_name=Smp_17
2730;owner=irisadmin@local.host;orig_id=Smp_172730.1;date_last_modif
ied=2022-08-02;Name=Smp_172730.1;product=Fatty aldehyde
dehydrogenase;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	12888585	12888902	.
	-	.	Parent=Smp_172730.1;Name=2ee9687f-fe48-403d-
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SM_V9_ZSR	iris	exon	12890413	12890542	.
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SM_V9_ZSR	iris	exon	12896149	12896264	.
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SM_V9_ZSR	iris	exon	12897296	12897366	.
	-	.	Parent=Smp_172730.1;Name=81a9254f-400b-42e9-
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SM_V9_ZSR	iris	exon	12898820	12898952	.
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SM_V9_ZSR	iris	exon	12900993	12901096	.
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SM_V9_ZSR	iris	exon	12903139	12903265	.
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SM_V9_ZSR	iris	exon	12908617	12908838	.
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SM_V9_ZSR	iris	CDS	12890413	12890542	.
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SM_V9_ZSR	iris	CDS	12900993	12901096	.
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SM_V9_ZSR	iris	exon	12927930	12928406	.
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SM_V9_ZSR	iris	exon	12933703	12933875	.
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SM_V9_ZSR	iris	exon	12940397	12940627	.
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SM_V9_ZSR       iris    exon    12942817        12945055        .
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SM_V9_ZSR       iris    CDS     12940397        12940627        .
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Pfam:PF05178,PF12936
SM_V9_ZSR       Liftoff exon    12946462        12947095        .
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SM_V9_ZSR       Liftoff exon    12964508        12964704        .
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SM_V9_ZSR       Liftoff exon    12965302        12965436        .
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SM_V9_ZSR       Liftoff exon    12969807        12970272        .
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SM_V9_ZSR       Liftoff CDS     12946488        12947095        .
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SM_V9_ZSR       Liftoff exon    12959795        12960283        .
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SM_V9_ZSR       Liftoff exon    13069087        13069210        .
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SM_V9_ZSR       Liftoff exon    13070310        13070440        .
        -       .       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff exon    13071711        13071837        .
        -       .       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff exon    13072061        13072247        .
        -       .       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff exon    13072283        13072373        .
        -       .       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff exon    13072415        13072528        .
        -       .       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13051527        13051687        .
        -       2       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13053223        13053322        .
        -       0       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13062926        13063147        .
        -       0       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13063668        13063790        .
        -       0       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13065704        13065815        .
        -       1       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13066829        13066851        .
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SM_V9_ZSR       Liftoff CDS     13067864        13067920        .
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SM_V9_ZSR       Liftoff CDS     13069087        13069210        .
        -       1       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13070310        13070440        .
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SM_V9_ZSR       Liftoff CDS     13071711        13071837        .
        -       1       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13072061        13072247        .
        -       2       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13072283        13072373        .
        -       0       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff CDS     13072415        13072417        .
        -       0       Parent=Smp_135010.1
SM_V9_ZSR       Liftoff gene    13083105        13114350        .
        -       .
ID=Smp_245150;geneID=Smp_245150;previous_systematic_id=Smp_134990
SM_V9_ZSR       Liftoff mRNA    13083105        13114350        .
        -       .
ID=Smp_245150.1;Parent=Smp_245150;geneID=Smp_245150;product=Oxalate:
formate antiporter;polypeptide_domain=InterPro:IPR020846
SM_V9_ZSR       Liftoff exon    13083105        13083337        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13083940        13084039        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13091965        13092186        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13093650        13093772        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13096378        13096489        .
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        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13098304        13098329        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13098930        13098992        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13103800        13103923        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff exon    13104549        13114350        .
        -       .       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13083231        13083337        .
        -       2       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13083940        13084039        .
        -       0       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13091965        13092186        .
        -       0       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13093650        13093772        .
        -       0       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13096378        13096489        .
        -       1       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13098304        13098329        .
        -       0       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13098930        13098992        .
        -       0       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13103800        13103923        .
        -       1       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff CDS     13104549        13104625        .
        -       0       Parent=Smp_245150.1
SM_V9_ZSR       Liftoff mRNA    13083105        13114350        .
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formate antiporter;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR       Liftoff exon    13083105        13083337        .
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SM_V9_ZSR       Liftoff exon    13083940        13084039        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13091965        13092186        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13093650        13093772        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13096378        13096489        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13098304        13098329        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13098930        13098992        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13103800        13103923        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13104549        13104679        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13106716        13106842        .
        -       .       Parent=Smp_245150.2
SM_V9_ZSR       Liftoff exon    13113921        13114107        .
        -       .       Parent=Smp_245150.2
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SM_V9_ZSR	Liftoff	exon	13114148	13114236	.
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SM_V9_ZSR	Liftoff	exon	13114271	13114350	.
	-	.	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13083231	13083337	.
	-	2	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13083940	13084039	.
	-	0	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13091965	13092186	.
	-	0	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13093650	13093772	.
	-	0	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13096378	13096489	.
	-	1	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13098304	13098329	.
	-	0	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13098930	13098992	.
	-	0	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13103800	13103923	.
	-	1	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13104549	13104679	.
	-	0	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13106716	13106842	.
	-	1	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13113921	13114107	.
	-	2	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13114148	13114236	.
	-	1	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	CDS	13114271	13114305	.
	-	0	Parent=Smp_245150.2
SM_V9_ZSR	Liftoff	mRNA	13083105	13114350	.
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ID=Smp_245150.3;Parent=Smp_245150;geneID=Smp_245150;product=Monocarb
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13;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR	Liftoff	exon	13083105	13096489	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13098304	13098326	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13098926	13098992	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13103800	13103923	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13104549	13104679	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13106716	13106842	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13110120	13110155	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13113921	13114107	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	exon	13114148	13114236	.
	-	.	Parent=Smp_245150.3
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SM_V9_ZSR	Liftoff	exon	13114271	13114350	.
	-	.	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13096469	13096489	.
	-	0	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13098304	13098326	.
	-	2	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13098926	13098992	.
	-	0	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13103800	13103923	.
	-	1	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13104549	13104679	.
	-	0	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13106716	13106842	.
	-	1	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13110120	13110155	.
	-	1	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13113921	13114107	.
	-	2	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13114148	13114236	.
	-	1	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	CDS	13114271	13114305	.
	-	0	Parent=Smp_245150.3
SM_V9_ZSR	Liftoff	mRNA	13083105	13114350	.
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ID=Smp_245150.4;Parent=Smp_245150;geneID=Smp_245150;product=Uncharac
terized MFS-type transporter
YhjX;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR	Liftoff	exon	13083105	13087178	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13091965	13092186	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13093650	13093772	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13096378	13096489	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13098304	13098329	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13098930	13098992	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13103800	13103923	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13104549	13104679	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13106716	13106842	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13110120	13110155	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13113921	13114107	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13114148	13114236	.
	-	.	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	exon	13114271	13114350	.
	-	.	Parent=Smp_245150.4
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SM_V9_ZSR	Liftoff	CDS	13087029	13087178	.
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SM_V9_ZSR	Liftoff	CDS	13091965	13092186	.
	-	0	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13093650	13093772	.
	-	0	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13096378	13096489	.
	-	1	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13098304	13098329	.
	-	0	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13098930	13098992	.
	-	0	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13103800	13103923	.
	-	1	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13104549	13104679	.
	-	0	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13106716	13106842	.
	-	1	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13110120	13110155	.
	-	1	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13113921	13114107	.
	-	2	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13114148	13114236	.
	-	1	Parent=Smp_245150.4
SM_V9_ZSR	Liftoff	CDS	13114271	13114305	.
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SM_V9_ZSR	Liftoff	mRNA	13083105	13114350	.
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13;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR	Liftoff	exon	13083105	13083337	.
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SM_V9_ZSR	Liftoff	exon	13083940	13084039	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13091965	13092124	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13093650	13093772	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13096378	13096489	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13098304	13098329	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13098930	13098992	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13103800	13103923	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13104549	13104679	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13106716	13106842	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13110120	13110155	.
	-	.	Parent=Smp_245150.5
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SM_V9_ZSR	Liftoff	exon	13113921	13114107	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13114148	13114236	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	exon	13114271	13114350	.
	-	.	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13083313	13083337	.
	-	1	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13083940	13084039	.
	-	2	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13091965	13092124	.
	-	0	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13093650	13093772	.
	-	0	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13096378	13096489	.
	-	1	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13098304	13098329	.
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SM_V9_ZSR	Liftoff	CDS	13098930	13098992	.
	-	0	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13103800	13103923	.
	-	1	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13104549	13104679	.
	-	0	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13106716	13106842	.
	-	1	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13110120	13110155	.
	-	1	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13113921	13114107	.
	-	2	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13114148	13114236	.
	-	1	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	CDS	13114271	13114305	.
	-	0	Parent=Smp_245150.5
SM_V9_ZSR	Liftoff	mRNA	13083105	13114350	.
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terized MFS-type transporter
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Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR	Liftoff	exon	13083105	13083337	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13083940	13084039	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13091965	13092186	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13093650	13093772	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13096378	13096489	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13098304	13098329	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13098930	13098992	.
	-	.	Parent=Smp_245150.6
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SM_V9_ZSR	Liftoff	exon	13103800	13103923	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13104549	13104679	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13106716	13106842	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13110120	13110155	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13113921	13114107	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13114148	13114236	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	exon	13114271	13114350	.
	-	.	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13083231	13083337	.
	-	2	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13083940	13084039	.
	-	0	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13091965	13092186	.
	-	0	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13093650	13093772	.
	-	0	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13096378	13096489	.
	-	1	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13098304	13098329	.
	-	0	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13098930	13098992	.
	-	0	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13103800	13103923	.
	-	1	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13104549	13104679	.
	-	0	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13106716	13106842	.
	-	1	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13110120	13110155	.
	-	1	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13113921	13114107	.
	-	2	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13114148	13114236	.
	-	1	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	CDS	13114271	13114305	.
	-	0	Parent=Smp_245150.6
SM_V9_ZSR	Liftoff	gene	13126001	13154608	.
	-	.
ID=Smp_245160;geneID=Smp_245160;previous_systematic_id=Smp_134990
SM_V9_ZSR	Liftoff	mRNA	13126001	13154608	.
	-	.
ID=Smp_245160.1;Parent=Smp_245160;geneID=Smp_245160;product=Oxalate:
formate antiporter;polypeptide_domain=InterPro:IPR011701,IPR020846
Pfam:PF07690;Ontology_term=GO:0016021,GO:0055085
SM_V9_ZSR	Liftoff	exon	13126001	13126249	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13127957	13128056	.
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SM_V9_ZSR	Liftoff	exon	13128640	13128861	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13130182	13130304	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13130922	13131033	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13134920	13134951	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13141594	13141717	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13146425	13146555	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13150946	13151072	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13154162	13154348	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13154386	13154476	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	exon	13154515	13154608	.
	-	.	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13126107	13126249	.
	-	2	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13127957	13128056	.
	-	0	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13128640	13128861	.
	-	0	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13130182	13130304	.
	-	0	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13130922	13131033	.
	-	1	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13134920	13134951	.
	-	0	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13141594	13141717	.
	-	1	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13146425	13146555	.
	-	0	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13150946	13151072	.
	-	1	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13154162	13154348	.
	-	2	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13154386	13154476	.
	-	0	Parent=Smp_245160.1
SM_V9_ZSR	Liftoff	CDS	13154515	13154517	.
	-	0	Parent=Smp_245160.1
SM_V9_ZSR	iris	gene	13167695	13185940	.
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@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
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ID=Smp_134980.1;Parent=Smp_134980;geneID=Smp_134980;gene_name=Smp_13
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be5d-d9f3827722d5
SM_V9_ZSR	iris	exon	13167797	13167887	.
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SM_V9_ZSR	iris	exon	13167920	13168106	.
	+	.	Parent=Smp_134980.1;Name=c3ebbbaf-17a3-4bb6-
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SM_V9_ZSR	iris	exon	13170538	13170664	.
	+	.	Parent=Smp_134980.1;Name=0e348d07-e406-44a4-
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SM_V9_ZSR	iris	exon	13171932	13172062	.
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SM_V9_ZSR	iris	exon	13175258	13175378	.
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SM_V9_ZSR	iris	exon	13176009	13176074	.
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Parent=Smp_134980.1;Name=b8387f85-07b0-4b3c-8dc6-61f019bb17da
SM_V9_ZSR	iris	exon	13181689	13181811	.
	+	.	Parent=Smp_134980.1;Name=acd23097-04c3-4619-
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SM_V9_ZSR	iris	exon	13182617	13182838	.
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SM_V9_ZSR	iris	exon	13184208	13184307	.
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Parent=Smp_134980.1;Name=805094c6-307e-4864-960b-0182d0d2ef25
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SM_V9_ZSR	iris	CDS	13167797	13167887	.
	+	0	Parent=Smp_134980.1
SM_V9_ZSR	iris	CDS	13167920	13168106	.
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SM_V9_ZSR	iris	CDS	13170538	13170664	.
	+	1	Parent=Smp_134980.1
SM_V9_ZSR	iris	CDS	13171932	13172062	.
	+	0	Parent=Smp_134980.1
SM_V9_ZSR	iris	CDS	13175258	13175378	.
	+	1	Parent=Smp_134980.1
SM_V9_ZSR	iris	CDS	13176009	13176074	.
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SM_V9_ZSR	iris	CDS	13176741	13176769	.
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SM_V9_ZSR       iris    CDS     13177283        13177394        .
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SM_V9_ZSR       iris    CDS     13182617        13182838        .
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SM_V9_ZSR       iris    CDS     13184208        13184307        .
        +       0       Parent=Smp_134980.1
SM_V9_ZSR       iris    CDS     13185413        13185558        .
        +       2       Parent=Smp_134980.1
SM_V9_ZSR       iris    gene    13214899        13227028        .
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ID=Smp_245140;geneID=Smp_245140;gene_name=Smp_245140;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    13214899        13227028        .
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ID=Smp_245140.1;Parent=Smp_245140;geneID=Smp_245140;gene_name=Smp_24
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ied=2022-07-18;Name=Smp_245140.1;product=Oxalate:formate
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SM_V9_ZSR       iris    exon    13214899        13214980        .
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Parent=Smp_245140.1;Name=4d40d028-299f-4b67-8273-67a1217f6a96
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SM_V9_ZSR       iris    exon    13215150        13215336        .
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SM_V9_ZSR       iris    exon    13216028        13216154        .
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SM_V9_ZSR       iris    exon    13216549        13216679        .
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SM_V9_ZSR       iris    exon    13218905        13219022        .
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Parent=Smp_245140.1;Name=a1ac38d7-250f-42cf-9080-c07be7883957
SM_V9_ZSR       iris    exon    13220743        13220774        .
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SM_V9_ZSR       iris    exon    13221401        13221512        .
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SM_V9_ZSR       iris    exon    13222311        13222433        .
        +       .       Parent=Smp_245140.1;Name=893fc732-44bf-4d8a-
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SM_V9_ZSR       iris    exon    13223921        13224142        .
        +       .       Parent=Smp_245140.1;Name=0125d83a-4b2f-41ce-
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SM_V9_ZSR       iris    exon    13224943        13225042        .
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SM_V9_ZSR	iris	CDS	13214945	13214980	.
	+	0	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13215021	13215111	.
	+	0	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13215150	13215336	.
	+	2	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13216028	13216154	.
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SM_V9_ZSR	iris	CDS	13216549	13216679	.
	+	0	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13218905	13219022	.
	+	1	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13220743	13220774	.
	+	0	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13221401	13221512	.
	+	1	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13222311	13222433	.
	+	0	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13223921	13224142	.
	+	0	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13224943	13225042	.
	+	0	Parent=Smp_245140.1
SM_V9_ZSR	iris	CDS	13226209	13226336	.
	+	2	Parent=Smp_245140.1
SM_V9_ZSR	Liftoff	gene	13260769	13332406	.
	+	.	ID=Smp_141810;geneID=Smp_141810
SM_V9_ZSR	Liftoff	mRNA	13260769	13332406	.
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protein;polypeptide_domain=InterPro:IPR000909,IPR011992,IPR017946;On
tology_term=GO:0006629,GO:0008081
SM_V9_ZSR	Liftoff	exon	13260769	13274295	.
	+	.	Parent=Smp_141810.1
SM_V9_ZSR	Liftoff	exon	13277959	13278057	.
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SM_V9_ZSR	Liftoff	exon	13279053	13279115	.
	+	.	Parent=Smp_141810.1
SM_V9_ZSR	Liftoff	exon	13280886	13281047	.
	+	.	Parent=Smp_141810.1
SM_V9_ZSR	Liftoff	exon	13284982	13285067	.
	+	.	Parent=Smp_141810.1
SM_V9_ZSR	Liftoff	exon	13286846	13287062	.
	+	.	Parent=Smp_141810.1
SM_V9_ZSR	Liftoff	exon	13288477	13288577	.
	+	.	Parent=Smp_141810.1
SM_V9_ZSR	Liftoff	exon	13293653	13293707	.
	+	.	Parent=Smp_141810.1
SM_V9_ZSR	Liftoff	exon	13298841	13299264	.
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SM_V9_ZSR	Liftoff	exon	13300661	13301024	.
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SM_V9_ZSR       Liftoff exon    13301781        13301970        .
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SM_V9_ZSR       Liftoff exon    13305077        13305230        .
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SM_V9_ZSR       Liftoff exon    13307835        13307916        .
        +       .       Parent=Smp_141810.1
SM_V9_ZSR       Liftoff exon    13310628        13310659        .
        +       .       Parent=Smp_141810.1
SM_V9_ZSR       Liftoff exon    13313608        13313703        .
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SM_V9_ZSR       Liftoff exon    13316056        13316719        .
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SM_V9_ZSR       Liftoff exon    13320123        13320458        .
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SM_V9_ZSR       Liftoff exon    13322593        13322659        .
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SM_V9_ZSR       Liftoff exon    13325902        13326056        .
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SM_V9_ZSR       Liftoff exon    13326487        13327159        .
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SM_V9_ZSR       Liftoff exon    13328876        13329496        .
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SM_V9_ZSR       Liftoff exon    13330711        13332406        .
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SM_V9_ZSR       Liftoff CDS     13286846        13287062        .
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SM_V9_ZSR       Liftoff CDS     13301781        13301970        .
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SM_V9_ZSR       Liftoff CDS     13303930        13304012        .
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SM_V9_ZSR       Liftoff CDS     13321297        13322209        .
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SM_V9_ZSR       Liftoff CDS     13325902        13326056        .
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SM_V9_ZSR       Liftoff CDS     13326487        13327159        .
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        +       0       Parent=Smp_141810.1
SM_V9_ZSR       Liftoff CDS     13330711        13330974        .
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SM_V9_ZSR       Liftoff gene    13334164        13336045        .
        -       .       ID=Smp_204070;geneID=Smp_204070
SM_V9_ZSR       Liftoff mRNA    13334164        13336045        .
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gamma-3;polypeptide_domain=InterPro:IPR015898
Pfam:PF00631;Ontology_term=GO:0004871,GO:0005834,GO:0007186
SM_V9_ZSR       Liftoff exon    13334164        13336045        .
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SM_V9_ZSR       Liftoff CDS     13334354        13334566        .
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SM_V9_ZSR       Liftoff exon    13367945        13368232        .
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SM_V9_ZSR       Liftoff exon    13369403        13369573        .
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SM_V9_ZSR       Liftoff exon    13369644        13369771        .
        +       .       Parent=Smp_141820.1
SM_V9_ZSR       Liftoff exon    13369810        13369865        .
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SM_V9_ZSR       Liftoff CDS     13371294        13371565        .
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        -       .       ID=Smp_036500;geneID=Smp_036500
SM_V9_ZSR       Liftoff mRNA    13387869        13407716        .
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8
Pfam:PF00105;Ontology_term=GO:0003677,GO:0003700,GO:0003707,GO:00056
34,GO:0006355,GO:0008270,GO:0043401,GO:0043565
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SM_V9_ZSR       Liftoff exon    13401204        13401685        .
        -       .       Parent=Smp_036500.1
SM_V9_ZSR       Liftoff exon    13403715        13403832        .
        -       .       Parent=Smp_036500.1
SM_V9_ZSR       Liftoff exon    13407086        13407716        .
        -       .       Parent=Smp_036500.1
SM_V9_ZSR       Liftoff CDS     13388899        13389555        .
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SM_V9_ZSR       Liftoff CDS     13392079        13392465        .
        -       0       Parent=Smp_036500.1
SM_V9_ZSR       Liftoff CDS     13401204        13401685        .
        -       2       Parent=Smp_036500.1
SM_V9_ZSR       Liftoff CDS     13403715        13403832        .
        -       0       Parent=Smp_036500.1
SM_V9_ZSR       Liftoff CDS     13407086        13407550        .
        -       0       Parent=Smp_036500.1
SM_V9_ZSR       iris    gene    13421700        13500126        .
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ID=Smp_141830;geneID=Smp_141830;gene_name=Smp_141830;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    13421700        13500126        .
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ID=Smp_141830.1;Parent=Smp_141830;geneID=Smp_141830;gene_name=Smp_14
1830;owner=irisadmin@local.host;orig_id=Smp_141830.3;date_last_modif
ied=2022-09-30;Name=Smp_141830.1;product=Protein scalloped
(Fragment);date_creation=2022-06-30
SM_V9_ZSR       iris    exon    13421700        13421748        .
        +       .       Parent=Smp_141830.1;Name=264c0713-4f15-44a0-
b5b1-a9cbbfe6433b
SM_V9_ZSR       iris    exon    13426101        13426176        .
        +       .       Parent=Smp_141830.1;Name=8ddd6f6f-74a3-464b-
bca4-adebcbcda4da
SM_V9_ZSR       iris    exon    13458755        13459763        .
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        +       .       Parent=Smp_141830.1;Name=53c555ac-
f0dc-483d-8688-bd44acaad37e
SM_V9_ZSR       iris    exon    13464371        13464934        .
        +       .       Parent=Smp_141830.1;Name=7bf28257-1f0f-4644-
b377-208b84e441e7
SM_V9_ZSR       iris    exon    13466042        13467210        .
        +       .       Parent=Smp_141830.1;Name=f19d6ffc-472f-4020-
b7fb-c7d93e23005b
SM_V9_ZSR       iris    exon    13467257        13467442        .
        +       .       Parent=Smp_141830.1;Name=dd30ba85-2bc4-4f30-
a148-6a6209b2884a
SM_V9_ZSR       iris    exon    13472833        13473054        .
        +       .
Parent=Smp_141830.1;Name=785e340a-8ad9-46fe-924a-cfceb7e47c88
SM_V9_ZSR       iris    exon    13479443        13479495        .
        +       .       Parent=Smp_141830.1;Name=36d5acd0-72a6-441d-
a34c-f13a851ff0e0
SM_V9_ZSR       iris    exon    13480927        13481008        .
        +       .       Parent=Smp_141830.1;Name=17725d26-
fd0c-47b4-8674-485f6c93c0cb
SM_V9_ZSR       iris    exon    13483022        13483174        .
        +       .       Parent=Smp_141830.1;Name=c4a35b61-61ec-4cf7-
b70a-2807ef6b47cc
SM_V9_ZSR       iris    exon    13497501        13500126        .
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a253-424d946d3925
SM_V9_ZSR       iris    CDS     13458995        13459763        .
        +       0       Parent=Smp_141830.1
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SM_V9_ZSR       iris    CDS     13466042        13467210        .
        +       2       Parent=Smp_141830.1
SM_V9_ZSR       iris    CDS     13467257        13467442        .
        +       0       Parent=Smp_141830.1
SM_V9_ZSR       iris    CDS     13472833        13473054        .
        +       0       Parent=Smp_141830.1
SM_V9_ZSR       iris    CDS     13479443        13479495        .
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SM_V9_ZSR       iris    CDS     13483022        13483174        .
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SM_V9_ZSR       iris    CDS     13497501        13497617        .
        +       0       Parent=Smp_141830.1
SM_V9_ZSR       Liftoff gene    13503708        13535617        .
        -       .       ID=Smp_245110;geneID=Smp_245110
SM_V9_ZSR       Liftoff mRNA    13503708        13535617        .
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60;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_term=GO:
0005515
SM_V9_ZSR       Liftoff exon    13503708        13504495        .
        -       .       Parent=Smp_245110.1
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SM_V9_ZSR       Liftoff exon    13510802        13511078        .
        -       .       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff exon    13512497        13513036        .
        -       .       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff exon    13524847        13525044        .
        -       .       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff exon    13527402        13528009        .
        -       .       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff exon    13533903        13535617        .
        -       .       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff CDS     13503885        13504495        .
        -       2       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff CDS     13510802        13511078        .
        -       0       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff CDS     13512497        13513036        .
        -       0       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff CDS     13524847        13525044        .
        -       0       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff CDS     13527402        13528009        .
        -       2       Parent=Smp_245110.1
SM_V9_ZSR       Liftoff CDS     13533903        13534998        .
        -       0       Parent=Smp_245110.1
SM_V9_ZSR       iris    gene    13543579        13551473        .
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ID=Smp_036550;geneID=Smp_036550;gene_name=Smp_036550;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    13543579        13551473        .
        +       .
ID=Smp_036550.1;Parent=Smp_036550;geneID=Smp_036550;gene_name=Smp_03
6550;owner=irisadmin@local.host;orig_id=Smp_036550.1;date_last_modif
ied=2022-08-02;Name=Smp_036550.1;product=U3 small nucleolar
ribonucleoprotein protein LCP5;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    13543579        13543596        .
        +       .       Parent=Smp_036550.1;Name=24bbbe50-268b-4666-
b795-f8c52232eef5
SM_V9_ZSR       iris    exon    13545838        13545956        .
        +       .
Parent=Smp_036550.1;Name=daa5ccf7-52a7-4729-9cf8-90c85ee4625c
SM_V9_ZSR       iris    exon    13545995        13546094        .
        +       .       Parent=Smp_036550.1;Name=3ae4a73a-
f622-442e-9e81-58feea1332fe
SM_V9_ZSR       iris    exon    13546131        13546240        .
        +       .
Parent=Smp_036550.1;Name=0775f85c-548c-4b72-8edb-48bbff2aac5c
SM_V9_ZSR       iris    exon    13546278        13546333        .
        +       .
Parent=Smp_036550.1;Name=f405807c-4f03-4f29-9bbe-cdae7ce80a11
SM_V9_ZSR       iris    exon    13546369        13546498        .
        +       .       Parent=Smp_036550.1;Name=c4404ff4-
d9a9-41d4-9f8f-7c0f2a8f80e1
SM_V9_ZSR       iris    exon    13551288        13551326        .
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SM_V9_ZSR       iris    exon    13551364        13551473        .
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SM_V9_ZSR       iris    CDS     13545995        13546094        .
        +       0       Parent=Smp_036550.1
SM_V9_ZSR       iris    CDS     13546131        13546240        .
        +       2       Parent=Smp_036550.1
SM_V9_ZSR       iris    CDS     13546278        13546333        .
        +       0       Parent=Smp_036550.1
SM_V9_ZSR       iris    CDS     13546369        13546498        .
        +       1       Parent=Smp_036550.1
SM_V9_ZSR       iris    CDS     13551288        13551326        .
        +       0       Parent=Smp_036550.1
SM_V9_ZSR       iris    CDS     13551364        13551423        .
        +       0       Parent=Smp_036550.1
SM_V9_ZSR       iris    gene    13553108        13640939        .
        -       .
ID=Smp_141860;geneID=Smp_141860;gene_name=Smp_141860;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    13553108        13640939        .
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ID=Smp_141860.1;Parent=Smp_141860;geneID=Smp_141860;gene_name=Smp_14
1860;owner=irisadmin@local.host;orig_id=Smp_141860.1;date_last_modif
ied=2022-07-18;Name=Smp_141860.1;product=Protein furry homolog-
like;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    13553108        13555184        .
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Parent=Smp_141860.1;Name=37a6a7f4-5c44-4e90-9197-5ba0e32ee320
SM_V9_ZSR       iris    exon    13556322        13556401        .
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be92-d421db5f9171
SM_V9_ZSR       iris    exon    13557143        13557585        .
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Parent=Smp_141860.1;Name=06215650-349c-4b96-91f6-6e8bb791a488
SM_V9_ZSR       iris    exon    13558641        13558742        .
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SM_V9_ZSR       iris    exon    13560569        13560633        .
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SM_V9_ZSR       iris    exon    13562301        13562508        .
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SM_V9_ZSR       iris    exon    13563493        13565262        .
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SM_V9_ZSR       iris    exon    13567174        13567185        .
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SM_V9_ZSR       iris    exon    13570027        13570038        .
        -       .       Parent=Smp_141860.1;Name=b30e9873-20eb-4594-
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SM_V9_ZSR       iris    exon    13571415        13571536        .
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Parent=Smp_141860.1;Name=07e7896d-4845-43d0-919d-35d949158f92
SM_V9_ZSR       iris    exon    13574118        13574211        .
        -       .       Parent=Smp_141860.1;Name=a5f83e8d-
f33d-4727-8be6-ec62b031b1f5
SM_V9_ZSR       iris    exon    13575224        13575310        .
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Parent=Smp_141860.1;Name=8c980a1b-498e-4db3-8b4a-78dfb0f302b6
SM_V9_ZSR       iris    exon    13576593        13577039        .
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b416-61f5234e43e9
SM_V9_ZSR       iris    exon    13577809        13577952        .
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SM_V9_ZSR       iris    exon    13580300        13580491        .
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SM_V9_ZSR       iris    exon    13583149        13583482        .
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Parent=Smp_141860.1;Name=5b01dc31-9593-455a-99cf-1a2a63298530
SM_V9_ZSR       iris    exon    13583912        13584258        .
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SM_V9_ZSR       iris    exon    13585646        13586162        .
        -       .       Parent=Smp_141860.1;Name=7f931d8e-e4e1-427a-
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SM_V9_ZSR       iris    exon    13586384        13587036        .
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SM_V9_ZSR       iris    exon    13587878        13588083        .
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Parent=Smp_141860.1;Name=34d5b5ea-68f5-47e9-8228-09166c9c507b
SM_V9_ZSR       iris    exon    13589193        13590041        .
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b3a8-8643f38025e0
SM_V9_ZSR       iris    exon    13595077        13595357        .
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SM_V9_ZSR       iris    exon    13596199        13596273        .
        -       .       Parent=Smp_141860.1;Name=e136717c-b911-41ed-
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SM_V9_ZSR       iris    exon    13598133        13598318        .
        -       .
Parent=Smp_141860.1;Name=34cfe822-529b-4114-8139-40ee4b1e6754
SM_V9_ZSR       iris    exon    13598993        13599627        .
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SM_V9_ZSR       iris    exon    13600047        13600293        .
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SM_V9_ZSR       iris    exon    13602687        13602847        .
        -       .
Parent=Smp_141860.1;Name=fbc2931e-8bfc-4958-958e-081bae86b632
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SM_V9_ZSR       iris    exon    13610758        13611137        .
        -       .       Parent=Smp_141860.1;Name=85f312c6-d424-46e5-
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SM_V9_ZSR       iris    exon    13616725        13617043        .
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SM_V9_ZSR       iris    exon    13631362        13631445        .
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SM_V9_ZSR       iris    exon    13637947        13638027        .
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Parent=Smp_141860.1;Name=b4bfae57-85c0-49ae-9baf-1838476ab474
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        -       0       Parent=Smp_141860.1
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SM_V9_ZSR       iris    CDS     13562301        13562508        .
        -       0       Parent=Smp_141860.1
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        -       0       Parent=Smp_141860.1
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        -       2       Parent=Smp_141860.1
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SM_V9_ZSR       iris    CDS     13598133        13598318        .
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SM_V9_ZSR       iris    CDS     13598993        13599627        .
        -       2       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13600047        13600293        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13600959        13601088        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13602687        13602847        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13603766        13604507        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13605351        13605450        .
        -       2       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13610758        13611137        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13611770        13611919        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13612771        13613043        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13615970        13616203        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13616725        13617043        .
        -       2       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13622788        13623145        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13623754        13624035        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13624550        13624662        .
        -       2       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13628237        13628445        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13630301        13630617        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13631362        13631445        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13632941        13633097        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13634544        13634701        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13636305        13636541        .
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        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13637282        13637405        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13637947        13638027        .
        -       1       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13638288        13638418        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       iris    CDS     13638459        13638956        .
        -       0       Parent=Smp_141860.1
SM_V9_ZSR       Liftoff gene    13662003        13681400        .
        +       .
ID=Smp_340710;geneID=Smp_340710;previous_systematic_id=Smp_036570
SM_V9_ZSR       Liftoff mRNA    13662003        13681400        .
        +       .
ID=Smp_340710.1;Parent=Smp_340710;geneID=Smp_340710;product=COBW
domain-containing protein
1;polypeptide_domain=InterPro:IPR003495,IPR011629,IPR027417
Pfam:PF02492,PF07683
SM_V9_ZSR       Liftoff exon    13662003        13665581        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13666649        13666927        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13666969        13667110        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13667147        13667233        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13669120        13669164        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13673698        13673742        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13679574        13679631        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13679672        13679806        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13681030        13681162        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff exon    13681206        13681400        .
        +       .       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13665488        13665581        .
        +       0       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13666649        13666927        .
        +       2       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13666969        13667110        .
        +       2       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13667147        13667233        .
        +       1       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13669120        13669164        .
        +       1       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13673698        13673742        .
        +       1       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13679574        13679631        .
        +       1       Parent=Smp_340710.1
SM_V9_ZSR       Liftoff CDS     13679672        13679806        .
        +       0       Parent=Smp_340710.1
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SM_V9_ZSR	Liftoff	CDS	13681030	13681162	.
	+	0	Parent=Smp_340710.1
SM_V9_ZSR	Liftoff	CDS	13681206	13681261	.
	+	2	Parent=Smp_340710.1
SM_V9_ZSR	iris	gene	13701032	13707083	.
	+	.
ID=Smp_036590;geneID=Smp_036590;gene_name=Smp_036590;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	13701032	13707083	.
	+	.
ID=Smp_036590.1;Parent=Smp_036590;geneID=Smp_036590;gene_name=Smp_03
6590;owner=irisadmin@local.host;orig_id=Smp_036590.1;date_last_modif
ied=2022-07-18;Name=Smp_036590.1;product=Polypyrimidine tract-
binding protein 2;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	13701032	13701106	.
	+	.
Parent=Smp_036590.1;Name=d00d4bc9-394c-4d65-950c-fa4d8853652c
SM_V9_ZSR	iris	exon	13701218	13701232	.
	+	.	Parent=Smp_036590.1;Name=0c4d835a-2cb6-4fd9-
ac71-0f01cc33a965
SM_V9_ZSR	iris	exon	13703155	13703232	.
	+	.	Parent=Smp_036590.1;Name=652659c4-2beb-4c26-
a715-7e82f10fc270
SM_V9_ZSR	iris	exon	13703269	13703415	.
	+	.
Parent=Smp_036590.1;Name=3ab43ef5-619a-4d71-9697-88daa9497629
SM_V9_ZSR	iris	exon	13703450	13703734	.
	+	.	Parent=Smp_036590.1;Name=6826a6eb-84aa-4319-
ab1f-829dfb6a5fb8
SM_V9_ZSR	iris	exon	13703776	13703886	.
	+	.	Parent=Smp_036590.1;Name=fd491e69-
e438-4502-87ad-678fda58cd81
SM_V9_ZSR	iris	exon	13703920	13704567	.
	+	.	Parent=Smp_036590.1;Name=31e93d8b-3d0e-4637-
ad20-2153bbb5666f
SM_V9_ZSR	iris	exon	13704865	13704898	.
	+	.	Parent=Smp_036590.1;Name=ebc914a2-
ed48-409b-8ed7-98684e1448fa
SM_V9_ZSR	iris	exon	13705978	13706070	.
	+	.	Parent=Smp_036590.1;Name=81699a34-d1f9-4c60-
b0f8-cc16f8d23106
SM_V9_ZSR	iris	exon	13706107	13706395	.
	+	.	Parent=Smp_036590.1;Name=0fdbf454-
bca8-44cd-9834-790904004209
SM_V9_ZSR	iris	exon	13706440	13706503	.
	+	.
Parent=Smp_036590.1;Name=b4aeca22-9d70-4357-8801-0ff4530ac7a8
SM_V9_ZSR	iris	exon	13706543	13707083	.
	+	.	Parent=Smp_036590.1;Name=2d147534-
ffae-458e-87ea-1cb0293753b9
SM_V9_ZSR	iris	CDS	13701077	13701106	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13701218	13701232	.
	+	0	Parent=Smp_036590.1
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SM_V9_ZSR	iris	CDS	13703155	13703232	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13703269	13703415	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13703450	13703734	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13703776	13703886	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13703920	13704567	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13704865	13704898	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13705978	13706070	.
	+	2	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13706107	13706395	.
	+	2	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13706440	13706503	.
	+	1	Parent=Smp_036590.1
SM_V9_ZSR	iris	CDS	13706543	13706611	.
	+	0	Parent=Smp_036590.1
SM_V9_ZSR	iris	gene	13738357	13768970	.
	+	.
ID=Smp_141880;geneID=Smp_141880;gene_name=Smp_141880;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	13738357	13768970	.
	+	.
ID=Smp_141880.1;Parent=Smp_141880;geneID=Smp_141880;gene_name=Smp_14
1880;owner=irisadmin@local.host;orig_id=Smp_141880.1;date_last_modif
ied=2022-08-02;Name=Smp_141880.1;product=Pyrokinin-1
receptor;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	13738357	13738684	.
	+	.	Parent=Smp_141880.1;Name=5ebeb1d6-
aa18-4cfc-8798-a239cf22e2b9
SM_V9_ZSR	iris	exon	13757604	13758238	.
	+	.	Parent=Smp_141880.1;Name=e0070711-0606-435a-
b263-398c79acd4c4
SM_V9_ZSR	iris	exon	13762798	13763044	.
	+	.	Parent=Smp_141880.1;Name=54eafb29-
b5c8-4425-9f3a-7b2d2e1c232f
SM_V9_ZSR	iris	exon	13765916	13766032	.
	+	.	Parent=Smp_141880.1;Name=faccf520-75d1-4df1-
a5c9-6a95ebe8eada
SM_V9_ZSR	iris	exon	13767673	13767815	.
	+	.	Parent=Smp_141880.1;Name=068663e2-89e6-42b4-
a743-4ab2732e7712
SM_V9_ZSR	iris	exon	13768753	13768970	.
	+	.	Parent=Smp_141880.1;Name=f108acd2-f617-4cd9-
a1c1-cbcfcb8a2f03
SM_V9_ZSR	iris	CDS	13738426	13738684	.
	+	0	Parent=Smp_141880.1
SM_V9_ZSR	iris	CDS	13757604	13758238	.
	+	2	Parent=Smp_141880.1
SM_V9_ZSR	iris	CDS	13762798	13763044	.
	+	0	Parent=Smp_141880.1
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SM_V9_ZSR	iris	CDS	13765916	13766032	.
	+	2	Parent=Smp_141880.1
SM_V9_ZSR	iris	CDS	13767673	13767815	.
	+	2	Parent=Smp_141880.1
SM_V9_ZSR	iris	CDS	13768753	13768767	.
	+	0	Parent=Smp_141880.1
SM_V9_ZSR	Liftoff	gene	13780212	13792863	.
	+	.	ID=Smp_036630;geneID=Smp_036630
SM_V9_ZSR	Liftoff	mRNA	13780212	13792863	.
	+	.
ID=Smp_036630.1;Parent=Smp_036630;geneID=Smp_036630;product=SPRY
domain-containing SOCS box protein
3;polypeptide_domain=InterPro:IPR001870,IPR003877,IPR013320
Pfam:PF00622;Ontology_term=GO:0005515
SM_V9_ZSR	Liftoff	exon	13780212	13780367	.
	+	.	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	exon	13780403	13780593	.
	+	.	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	exon	13782339	13782586	.
	+	.	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	exon	13787507	13787702	.
	+	.	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	exon	13790597	13790919	.
	+	.	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	exon	13792512	13792863	.
	+	.	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	CDS	13780265	13780367	.
	+	0	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	CDS	13780403	13780593	.
	+	2	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	CDS	13782339	13782586	.
	+	0	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	CDS	13787507	13787702	.
	+	1	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	CDS	13790597	13790919	.
	+	0	Parent=Smp_036630.1
SM_V9_ZSR	Liftoff	CDS	13792512	13792710	.
	+	1	Parent=Smp_036630.1
SM_V9_ZSR	iris	gene	13793593	13815188	.
	+	.
ID=Smp_141890;geneID=Smp_141890;gene_name=Smp_141890;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR	iris	mRNA	13793593	13815188	.
	+	.
ID=Smp_141890.1;Parent=Smp_141890;geneID=Smp_141890;gene_name=Smp_14
1890;owner=irisadmin@local.host;orig_id=Smp_141890.1;date_last_modif
ied=2022-07-09;Name=Smp_141890.1;product=Kelch-like protein
3;date_creation=2022-07-09
SM_V9_ZSR	iris	exon	13793593	13794673	.
	+	.
Parent=Smp_141890.1;Name=1627fef5-76bb-43e0-83b9-d8e716b44a0d
SM_V9_ZSR	iris	exon	13795950	13796068	.
	+	.	Parent=Smp_141890.1;Name=0f11e38f-d413-44bf-
aec5-fdbddc47c7c6
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SM_V9_ZSR	iris	exon	13796984	13797183	.
	+	.	Parent=Smp_141890.1;Name=5d9e8629-7668-473b-
bac2-671efa779662
SM_V9_ZSR	iris	exon	13798810	13799014	.
	+	.	Parent=Smp_141890.1;Name=10296035-cfaf-4c2e-
aef3-1ebeb9e82b41
SM_V9_ZSR	iris	exon	13799765	13800128	.
	+	.	Parent=Smp_141890.1;Name=32610059-
c7f8-409e-8af1-3ca3651ef555
SM_V9_ZSR	iris	exon	13801372	13801843	.
	+	.	Parent=Smp_141890.1;Name=74d1a1f2-cad8-46ce-
b0d0-bed6aac69d93
SM_V9_ZSR	iris	exon	13802698	13802914	.
	+	.	Parent=Smp_141890.1;Name=314048aa-a969-42ba-
be5f-7ddd3591735c
SM_V9_ZSR	iris	exon	13803541	13803695	.
	+	.
Parent=Smp_141890.1;Name=bd21b645-6b38-42a3-81c7-eb6b17b4a822
SM_V9_ZSR	iris	exon	13814084	13815188	.
	+	.	Parent=Smp_141890.1;Name=42932863-9126-4d61-
a982-f8bb4e53408b
SM_V9_ZSR	iris	CDS	13793636	13794673	.
	+	0	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13795950	13796068	.
	+	0	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13796984	13797183	.
	+	1	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13798810	13799014	.
	+	2	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13799765	13800128	.
	+	1	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13801372	13801843	.
	+	0	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13802698	13802914	.
	+	2	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13803541	13803695	.
	+	1	Parent=Smp_141890.1
SM_V9_ZSR	iris	CDS	13814084	13814259	.
	+	2	Parent=Smp_141890.1
SM_V9_ZSR	iris	gene	13818520	13888878	.
	-	.
ID=Smp_245100;geneID=Smp_245100;gene_name=Smp_245100;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	13818520	13888878	.
	-	.
ID=Smp_245100.1;Parent=Smp_245100;geneID=Smp_245100;gene_name=Smp_24
5100;owner=irisadmin@local.host;orig_id=Smp_245100.1;date_last_modif
ied=2022-08-02;Name=Smp_245100.1;product=Centrosomal protein of 290
kDa;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	13818520	13818782	.
	-	.
Parent=Smp_245100.1;Name=671d0040-34c0-40f7-98d9-08e704ed2a92
SM_V9_ZSR	iris	exon	13820555	13820842	.
	-	.	Parent=Smp_245100.1;Name=24b29136-fa6b-4d8d-
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a18a-fe339dd06126
SM_V9_ZSR       iris    exon    13832732        13832857        .
        -       .
Parent=Smp_245100.1;Name=4440d7b6-0d7c-47b1-8ff0-ee1e925eec7d
SM_V9_ZSR       iris    exon    13833636        13833833        .
        -       .       Parent=Smp_245100.1;Name=d62b9231-c98e-4380-
bec7-b6fbdb0a910d
SM_V9_ZSR       iris    exon    13837926        13838190        .
        -       .       Parent=Smp_245100.1;Name=5e60efe8-2f54-4054-
a5f1-435b24bb5dc2
SM_V9_ZSR       iris    exon    13839092        13839267        .
        -       .       Parent=Smp_245100.1;Name=54818d4d-1570-441b-
aa63-b10213a498ab
SM_V9_ZSR       iris    exon    13840553        13840678        .
        -       .       Parent=Smp_245100.1;Name=17008df7-
c2c2-4f66-85e1-ca3e8d3b95b0
SM_V9_ZSR       iris    exon    13846901        13846995        .
        -       .       Parent=Smp_245100.1;Name=1d3f3531-fb17-4e03-
b6f4-7ac8f3c3ffb8
SM_V9_ZSR       iris    exon    13848458        13848689        .
        -       .       Parent=Smp_245100.1;Name=f44d0ace-
b87e-4a30-9c9c-24c0b73b4f47
SM_V9_ZSR       iris    exon    13850056        13850251        .
        -       .
Parent=Smp_245100.1;Name=e4938c08-9e10-4e99-97b9-724a3de737bb
SM_V9_ZSR       iris    exon    13850854        13851122        .
        -       .       Parent=Smp_245100.1;Name=aebddfef-9379-44d3-
b74e-c493f8d5215d
SM_V9_ZSR       iris    exon    13851991        13852251        .
        -       .       Parent=Smp_245100.1;Name=ca1fb3d3-
f7ce-470f-8f37-42b78df6cb12
SM_V9_ZSR       iris    exon    13853255        13853488        .
        -       .       Parent=Smp_245100.1;Name=8248d4b6-
d2a2-49bc-945a-d46991df49d3
SM_V9_ZSR       iris    exon    13855777        13855959        .
        -       .       Parent=Smp_245100.1;Name=ab14ccfd-4ac7-457c-
bcde-d305cedb8418
SM_V9_ZSR       iris    exon    13858836        13859156        .
        -       .       Parent=Smp_245100.1;Name=25aa0e89-c12f-408e-
b9a1-9f9291e053ff
SM_V9_ZSR       iris    exon    13863423        13863593        .
        -       .
Parent=Smp_245100.1;Name=cf025ce6-8f3c-4d3e-9ee3-011a64c3ff82
SM_V9_ZSR       iris    exon    13866736        13866998        .
        -       .
Parent=Smp_245100.1;Name=a03b09fd-9fd8-462b-93eb-0ebcd8165298
SM_V9_ZSR       iris    exon    13869907        13870159        .
        -       .
Parent=Smp_245100.1;Name=36417f3b-5169-4783-8e29-e1c2c3ea9ea5
SM_V9_ZSR       iris    exon    13871503        13871871        .
        -       .       Parent=Smp_245100.1;Name=8a41ac35-1764-4502-
a6eb-f6e6124ef5a4
SM_V9_ZSR       iris    exon    13875452        13875715        .
        -       .       Parent=Smp_245100.1;Name=ac2b8cfc-
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f3f0-4dbb-8613-6ade6886d60a
SM_V9_ZSR       iris    exon    13877138        13877515        .
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add9-ca8e4e0c4ab0
SM_V9_ZSR       iris    exon    13879796        13880191        .
        -       .       Parent=Smp_245100.1;Name=0a06ec9d-
e771-4d52-8bc4-3beb4e4b3b87
SM_V9_ZSR       iris    exon    13881458        13881582        .
        -       .
Parent=Smp_245100.1;Name=ea1ae844-5c4c-4875-954d-961ea6249361
SM_V9_ZSR       iris    exon    13882629        13882758        .
        -       .
Parent=Smp_245100.1;Name=a8ffc910-3134-47ce-948e-30b5100df616
SM_V9_ZSR       iris    exon    13883711        13884046        .
        -       .
Parent=Smp_245100.1;Name=4473388c-00c2-4bae-947a-285205caffa6
SM_V9_ZSR       iris    exon    13885308        13885508        .
        -       .       Parent=Smp_245100.1;Name=239bd1a6-d40d-4944-
a0f7-1445901911cf
SM_V9_ZSR       iris    exon    13887547        13887690        .
        -       .       Parent=Smp_245100.1;Name=f90562f0-fdd4-44ec-
b4ba-b31bd0f15f90
SM_V9_ZSR       iris    exon    13887722        13887997        .
        -       .       Parent=Smp_245100.1;Name=aec041c6-61a1-460e-
a3f4-eb9a4ec21e27
SM_V9_ZSR       iris    exon    13888031        13888558        .
        -       .
Parent=Smp_245100.1;Name=f6ceb4bc-6d60-4945-81f9-c349af732b52
SM_V9_ZSR       iris    exon    13888596        13888878        .
        -       .
Parent=Smp_245100.1;Name=05e3d1b8-406e-4c72-958e-68a8717fc8c7
SM_V9_ZSR       iris    CDS     13818672        13818782        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13820555        13820842        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13832732        13832857        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13833636        13833833        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13837926        13838190        .
        -       1       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13839092        13839267        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13840553        13840678        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13846901        13846995        .
        -       2       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13848458        13848689        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13850056        13850251        .
        -       1       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13850854        13851122        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13851991        13852251        .
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        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13853255        13853488        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13855777        13855959        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13858836        13859156        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13863423        13863593        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13866736        13866998        .
        -       2       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13869907        13870159        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13871503        13871871        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13875452        13875715        .
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SM_V9_ZSR       iris    CDS     13877138        13877515        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13879796        13880191        .
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SM_V9_ZSR       iris    CDS     13881458        13881582        .
        -       2       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13882629        13882758        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13883711        13884046        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13885308        13885508        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13887547        13887690        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13887722        13887997        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13888031        13888558        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       iris    CDS     13888596        13888688        .
        -       0       Parent=Smp_245100.1
SM_V9_ZSR       Liftoff gene    13822172        13825107        .
        +       .       ID=Smp_036670;geneID=Smp_036670
SM_V9_ZSR       Liftoff mRNA    13822172        13825107        .
        +       .
ID=Smp_036670.1;Parent=Smp_036670;geneID=Smp_036670;product=Uncharac
terized protein NMB1327
SM_V9_ZSR       Liftoff exon    13822172        13822548        .
        +       .       Parent=Smp_036670.1
SM_V9_ZSR       Liftoff exon    13824659        13825107        .
        +       .       Parent=Smp_036670.1
SM_V9_ZSR       Liftoff CDS     13822228        13822548        .
        +       0       Parent=Smp_036670.1
SM_V9_ZSR       Liftoff CDS     13824659        13825003        .
        +       0       Parent=Smp_036670.1
SM_V9_ZSR       Liftoff gene    13895552        13954999        .
        +       .
ID=Smp_245090;geneID=Smp_245090;previous_systematic_id=Smp_141910,Sm
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p_141920
SM_V9_ZSR       Liftoff mRNA    13895552        13954999        .
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ID=Smp_245090.1;Parent=Smp_245090;geneID=Smp_245090;product=SH3 and
multiple ankyrin repeat domains protein
3;polypeptide_domain=InterPro:IPR001478,IPR002110,IPR020683,IPR03242
5 Pfam:PF00595,PF12796,PF13637,PF16511;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    13895552        13895769        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13895803        13895997        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13896034        13896105        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13905521        13905629        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13910722        13910873        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13918326        13918493        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13921460        13921724        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13926949        13927224        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13929154        13929495        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13941975        13942047        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13945917        13946002        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13948127        13948245        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13950791        13950938        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13951848        13952278        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff exon    13953221        13954999        .
        +       .       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13895659        13895769        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13895803        13895997        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13896034        13896105        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13905521        13905629        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13910722        13910873        .
        +       2       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13918326        13918493        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13921460        13921724        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13926949        13927224        .
        +       2       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13929154        13929495        .
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        +       2       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13941975        13942047        .
        +       2       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13945917        13946002        .
        +       1       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13948127        13948245        .
        +       2       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13950791        13950938        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13951848        13952278        .
        +       2       Parent=Smp_245090.1
SM_V9_ZSR       Liftoff CDS     13953221        13954336        .
        +       0       Parent=Smp_245090.1
SM_V9_ZSR       iris    gene    13993607        14051926        .
        +       .
ID=Smp_153780;geneID=Smp_153780;gene_name=Smp_153780;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    13993607        14051926        .
        +       .
ID=Smp_153780.1;Parent=Smp_153780;geneID=Smp_153780;gene_name=Smp_15
3780;owner=irisadmin@local.host;orig_id=Smp_153780.1;date_last_modif
ied=2022-07-18;Name=Smp_153780.1;product=Glutamate receptor
ionotropic, kainate 3;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    13993607        13993713        .
        +       .
Parent=Smp_153780.1;Name=8c58c4d3-3a37-47a8-8a46-09f9f71ce608
SM_V9_ZSR       iris    exon    13993758        13993838        .
        +       .       Parent=Smp_153780.1;Name=01cf2f18-
e3bb-4606-9ae6-b1f8ea2bdf45
SM_V9_ZSR       iris    exon    14014140        14014358        .
        +       .       Parent=Smp_153780.1;Name=be18fb10-
f2ac-4403-929a-41473486c336
SM_V9_ZSR       iris    exon    14017735        14017899        .
        +       .       Parent=Smp_153780.1;Name=17b5a288-3cdb-49cf-
a156-f8b98649fd06
SM_V9_ZSR       iris    exon    14023242        14023496        .
        +       .       Parent=Smp_153780.1;Name=2c57200e-de0b-4e1c-
a664-e576726fbede
SM_V9_ZSR       iris    exon    14024137        14024309        .
        +       .       Parent=Smp_153780.1;Name=7831faa9-b7ff-4724-
b52c-d2675cffa785
SM_V9_ZSR       iris    exon    14025768        14025821        .
        +       .
Parent=Smp_153780.1;Name=16286187-4150-4f11-8938-54b1496c6570
SM_V9_ZSR       iris    exon    14034144        14034329        .
        +       .
Parent=Smp_153780.1;Name=c709d86e-82e3-4ebd-804e-08e84a3c0fc0
SM_V9_ZSR       iris    exon    14035826        14035981        .
        +       .       Parent=Smp_153780.1;Name=fa3e5ff6-
dbfd-4d89-837c-6ccd9bddd481
SM_V9_ZSR       iris    exon    14038359        14038472        .
        +       .
Parent=Smp_153780.1;Name=7d67ca2e-0cb7-4a6e-8e8a-f4f17d23d165
SM_V9_ZSR       iris    exon    14041448        14041561        .
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        +       .       Parent=Smp_153780.1;Name=62d512db-5d96-4326-
b34b-5cdb71776347
SM_V9_ZSR       iris    exon    14041774        14041998        .
        +       .       Parent=Smp_153780.1;Name=2c7cb957-8ac6-4906-
a68f-9bc9f7fb7d8e
SM_V9_ZSR       iris    exon    14042863        14043024        .
        +       .
Parent=Smp_153780.1;Name=b1fa82ac-53ea-4d62-984c-8eb2d88d89cf
SM_V9_ZSR       iris    exon    14043823        14044003        .
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Parent=Smp_153780.1;Name=2af23b45-041f-4826-9d93-8d1209a1e1fd
SM_V9_ZSR       iris    exon    14046425        14046642        .
        +       .       Parent=Smp_153780.1;Name=a3477fc1-89d1-44c3-
b825-46d4bb54033a
SM_V9_ZSR       iris    exon    14047654        14047876        .
        +       .       Parent=Smp_153780.1;Name=d901acae-
da8d-40d7-8432-191dcba8f1e2
SM_V9_ZSR       iris    exon    14049569        14049828        .
        +       .       Parent=Smp_153780.1;Name=85fff46a-2902-41ba-
bf50-81dd78b6af27
SM_V9_ZSR       iris    exon    14050613        14051926        .
        +       .       Parent=Smp_153780.1;Name=60814ee4-
f1d8-47e3-9918-63fb95242c2c
SM_V9_ZSR       iris    CDS     14014202        14014358        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14017735        14017899        .
        +       2       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14023242        14023496        .
        +       2       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14024137        14024309        .
        +       2       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14025768        14025821        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14034144        14034329        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14035826        14035981        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14038359        14038472        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14041448        14041561        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14041774        14041998        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14042863        14043024        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14043823        14044003        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14046425        14046642        .
        +       2       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14047654        14047876        .
        +       0       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14049569        14049828        .
        +       2       Parent=Smp_153780.1
SM_V9_ZSR       iris    CDS     14050613        14051266        .
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        +       0       Parent=Smp_153780.1
SM_V9_ZSR       Liftoff gene    14094782        14095090        .
        +       .
ID=Smp_347180;geneID=Smp_347180;previous_systematic_id=Smp_203440
SM_V9_ZSR       Liftoff mRNA    14094782        14095090        .
        +       .
ID=Smp_347180.1;Parent=Smp_347180;geneID=Smp_347180;product=GMP
synthase [glutamine-hydrolyzing]
SM_V9_ZSR       Liftoff exon    14094782        14095090        .
        +       .       Parent=Smp_347180.1
SM_V9_ZSR       Liftoff CDS     14094821        14095033        .
        +       0       Parent=Smp_347180.1
SM_V9_ZSR       iris    gene    14107001        14117759        .
        +       .
ID=Smp_058790;geneID=Smp_058790;gene_name=Smp_058790;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    14107001        14117759        .
        +       .
ID=Smp_058790.1;Parent=Smp_058790;geneID=Smp_058790;gene_name=Smp_05
8790;owner=irisadmin@local.host;orig_id=Smp_058790.1;date_last_modif
ied=2022-07-18;Name=Smp_058790.1;product=Putative mitogen-activated
protein kinase kinase kinase 7-like;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    14107001        14107210        .
        +       .       Parent=Smp_058790.1;Name=5d7996c1-
c2f5-4f39-9c07-85d260eeac71
SM_V9_ZSR       iris    exon    14109289        14109480        .
        +       .       Parent=Smp_058790.1;Name=9425414b-7ce9-4331-
bce1-c64c0aeb29a1
SM_V9_ZSR       iris    exon    14109520        14109754        .
        +       .       Parent=Smp_058790.1;Name=baa2078f-8696-4cf5-
b614-b7d2339ef84a
SM_V9_ZSR       iris    exon    14114279        14114548        .
        +       .
Parent=Smp_058790.1;Name=998ef51f-7525-4db3-8435-3c554f415022
SM_V9_ZSR       iris    exon    14114932        14115124        .
        +       .       Parent=Smp_058790.1;Name=11291c17-1691-49ae-
b69d-bf744d53fce7
SM_V9_ZSR       iris    exon    14117374        14117759        .
        +       .       Parent=Smp_058790.1;Name=b2bcf872-6839-4a37-
b197-813567530211
SM_V9_ZSR       iris    CDS     14109406        14109480        .
        +       0       Parent=Smp_058790.1
SM_V9_ZSR       iris    CDS     14109520        14109754        .
        +       0       Parent=Smp_058790.1
SM_V9_ZSR       iris    CDS     14114279        14114548        .
        +       2       Parent=Smp_058790.1
SM_V9_ZSR       iris    CDS     14114932        14115124        .
        +       2       Parent=Smp_058790.1
SM_V9_ZSR       iris    CDS     14117374        14117524        .
        +       1       Parent=Smp_058790.1
SM_V9_ZSR       iris    gene    14119499        14123438        .
        -       .
ID=Smp_058780;geneID=Smp_058780;gene_name=Smp_058780;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
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ID=Smp_058780.1;Parent=Smp_058780;geneID=Smp_058780;gene_name=Smp_05
8780;owner=irisadmin@local.host;orig_id=Smp_058780.1;date_last_modif
ied=2022-08-02;Name=Smp_058780.1;product=Leukocyte receptor cluster
member 1 homolog;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	14119499	14120134	.
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SM_V9_ZSR	iris	exon	14121413	14121617	.
	-	.
Parent=Smp_058780.1;Name=29b5590c-3728-47d6-8cfa-728e021cd34a
SM_V9_ZSR	iris	exon	14121652	14121833	.
	-	.	Parent=Smp_058780.1;Name=62cd8f38-45d3-4adb-
b16b-4b754faa99b8
SM_V9_ZSR	iris	exon	14121870	14121971	.
	-	.	Parent=Smp_058780.1;Name=bfd12014-98ff-4eb1-
a4b7-25e90b743d48
SM_V9_ZSR	iris	exon	14122013	14122112	.
	-	.	Parent=Smp_058780.1;Name=ee15d7b7-0ad1-4bd9-
be60-dabc2a30b81a
SM_V9_ZSR	iris	exon	14122146	14122232	.
	-	.	Parent=Smp_058780.1;Name=5e9b259b-cc95-495d-
a5b4-812f7c59220b
SM_V9_ZSR	iris	exon	14123321	14123438	.
	-	.
Parent=Smp_058780.1;Name=acb85af0-7f63-40bc-9ac3-bdbe99a1178d
SM_V9_ZSR	iris	CDS	14119727	14120134	.
	-	0	Parent=Smp_058780.1
SM_V9_ZSR	iris	CDS	14121413	14121617	.
	-	1	Parent=Smp_058780.1
SM_V9_ZSR	iris	CDS	14121652	14121833	.
	-	0	Parent=Smp_058780.1
SM_V9_ZSR	iris	CDS	14121870	14121971	.
	-	0	Parent=Smp_058780.1
SM_V9_ZSR	iris	CDS	14122013	14122112	.
	-	1	Parent=Smp_058780.1
SM_V9_ZSR	iris	CDS	14122146	14122168	.
	-	0	Parent=Smp_058780.1
SM_V9_ZSR	iris	gene	14145943	14170927	.
	+	.
ID=Smp_153770;geneID=Smp_153770;gene_name=Smp_153770;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	14145943	14170927	.
	+	.
ID=Smp_153770.1;Parent=Smp_153770;geneID=Smp_153770;gene_name=Smp_15
3770;owner=irisadmin@local.host;orig_id=Smp_153770.1;date_last_modif
ied=2022-07-18;Name=Smp_153770.1;product=DNA repair endonuclease
XPF;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	14145943	14145982	.
	+	.
Parent=Smp_153770.1;Name=82daf640-8354-4481-8eab-874e0082e717
SM_V9_ZSR	iris	exon	14148637	14148998	.
	+	.
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Parent=Smp_153770.1;Name=5c1a9d32-88f6-4587-88b0-9917a3701903
SM_V9_ZSR       iris    exon    14151836        14152453        .
        +       .       Parent=Smp_153770.1;Name=a5601a22-76ab-4498-
acb1-ecece9eec55a
SM_V9_ZSR       iris    exon    14152692        14152841        .
        +       .
Parent=Smp_153770.1;Name=47b02ec9-9d13-4cce-8f3d-9a1062d62c6b
SM_V9_ZSR       iris    exon    14154042        14154342        .
        +       .
Parent=Smp_153770.1;Name=e1bbd39b-525c-4af9-87b3-781cc3c152ac
SM_V9_ZSR       iris    exon    14157877        14158112        .
        +       .       Parent=Smp_153770.1;Name=7f534a74-7792-430a-
ba91-fe498041c476
SM_V9_ZSR       iris    exon    14162140        14162745        .
        +       .       Parent=Smp_153770.1;Name=8b770b06-
ab20-432f-9df3-f785d13ac3d5
SM_V9_ZSR       iris    exon    14164808        14164987        .
        +       .       Parent=Smp_153770.1;Name=e2a76fb1-58d7-4ffb-
b96d-bd5391fb9dbf
SM_V9_ZSR       iris    exon    14166008        14166191        .
        +       .       Parent=Smp_153770.1;Name=52d48328-
a8d4-43d2-877e-8e7cfc5cef84
SM_V9_ZSR       iris    exon    14167082        14167338        .
        +       .
Parent=Smp_153770.1;Name=b6075358-47fb-4830-99b9-b476f043eb29
SM_V9_ZSR       iris    exon    14168049        14168212        .
        +       .
Parent=Smp_153770.1;Name=84b0e0ae-490e-4045-9cc9-2496676b69f2
SM_V9_ZSR       iris    exon    14170599        14170927        .
        +       .
Parent=Smp_153770.1;Name=e2ccd5cc-5129-4e98-9149-0f163e83feac
SM_V9_ZSR       iris    CDS     14148978        14148998        .
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SM_V9_ZSR       iris    CDS     14151836        14152453        .
        +       0       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14152692        14152841        .
        +       0       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14154042        14154342        .
        +       0       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14157877        14158112        .
        +       2       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14162140        14162745        .
        +       0       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14164808        14164987        .
        +       0       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14166008        14166191        .
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SM_V9_ZSR       iris    CDS     14167082        14167338        .
        +       2       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14168049        14168212        .
        +       0       Parent=Smp_153770.1
SM_V9_ZSR       iris    CDS     14170599        14170785        .
        +       1       Parent=Smp_153770.1
SM_V9_ZSR       Liftoff gene    14176773        14218489        .
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SM_V9_ZSR       Liftoff mRNA    14176773        14218489        .
        -       .
ID=Smp_153760.1;Parent=Smp_153760;geneID=Smp_153760;product=DNA-
directed RNA polymerase III subunit
RPC2;polypeptide_domain=InterPro:IPR007120,IPR007121,IPR007641,IPR00
7642,IPR007644,IPR007645,IPR007646,IPR007647,IPR015712
Pfam:PF00562,PF04560,PF04561,PF04563,PF04565,PF04566,PF04567;Ontolog
y_term=GO:0003677,GO:0003899,GO:0006351,GO:0032549
SM_V9_ZSR       Liftoff exon    14176773        14177594        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14179299        14179538        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14181476        14181748        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14184203        14184381        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14194634        14194829        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14195940        14196098        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14196940        14197146        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14198545        14198773        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14199752        14199954        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14200604        14200945        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14204005        14204265        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14207761        14208143        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff exon    14210293        14218489        .
        -       .       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14177223        14177594        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14179299        14179538        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14181476        14181748        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14184203        14184381        .
        -       2       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14194634        14194829        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14195940        14196098        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14196940        14197146        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14198545        14198773        .
        -       1       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14199752        14199954        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14200604        14200945        .
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        -       0       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14204005        14204265        .
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SM_V9_ZSR       Liftoff CDS     14207761        14208143        .
        -       2       Parent=Smp_153760.1
SM_V9_ZSR       Liftoff CDS     14210293        14210668        .
        -       0       Parent=Smp_153760.1
SM_V9_ZSR       iris    gene    14230177        14230919        .
        +       .
ID=Smp_153750;geneID=Smp_153750;gene_name=Smp_153750;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    14230177        14230919        .
        +       .
ID=Smp_153750.1;Parent=Smp_153750;geneID=Smp_153750;gene_name=Smp_15
3750;owner=irisadmin@local.host;orig_id=Smp_153750.1;date_last_modif
ied=2022-08-02;Name=Smp_153750.1;product=Reticulon-1-
A;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    14230177        14230210        .
        +       .
Parent=Smp_153750.1;Name=ce5aad55-8fc3-46ca-97fa-773f7f650c23
SM_V9_ZSR       iris    exon    14230242        14230379        .
        +       .       Parent=Smp_153750.1;Name=e7cbfec4-6c07-420e-
a0f3-e1047cb38712
SM_V9_ZSR       iris    exon    14230418        14230463        .
        +       .       Parent=Smp_153750.1;Name=e7801962-4fe4-41e1-
a13e-bab7eb4e8889
SM_V9_ZSR       iris    exon    14230498        14230593        .
        +       .       Parent=Smp_153750.1;Name=b42eedf3-c026-4b5d-
aca4-9e1e3cdc497a
SM_V9_ZSR       iris    exon    14230630        14230775        .
        +       .
Parent=Smp_153750.1;Name=a10cd43b-0e4c-4be8-955d-0e26161e868c
SM_V9_ZSR       iris    exon    14230817        14230919        .
        +       .       Parent=Smp_153750.1;Name=44d4c585-b1cd-4498-
ad16-653e46772790
SM_V9_ZSR       iris    CDS     14230196        14230210        .
        +       0       Parent=Smp_153750.1
SM_V9_ZSR       iris    CDS     14230242        14230379        .
        +       0       Parent=Smp_153750.1
SM_V9_ZSR       iris    CDS     14230418        14230463        .
        +       0       Parent=Smp_153750.1
SM_V9_ZSR       iris    CDS     14230498        14230593        .
        +       2       Parent=Smp_153750.1
SM_V9_ZSR       iris    CDS     14230630        14230775        .
        +       2       Parent=Smp_153750.1
SM_V9_ZSR       iris    CDS     14230817        14230822        .
        +       0       Parent=Smp_153750.1
SM_V9_ZSR       iris    gene    14232198        14250097        .
        -       .
ID=Smp_058730;geneID=Smp_058730;gene_name=Smp_058730;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    14232198        14250097        .
        -       .
ID=Smp_058730.1;Parent=Smp_058730;geneID=Smp_058730;gene_name=Smp_05
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8730;owner=irisadmin@local.host;orig_id=Smp_058730.1;date_last_modif
ied=2022-07-18;Name=Smp_058730.1;product=Tubby protein
homolog;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    14232198        14232934        .
        -       .       Parent=Smp_058730.1;Name=18af7ca1-
f6be-4a3f-800f-4f79bb842612
SM_V9_ZSR       iris    exon    14233512        14233595        .
        -       .       Parent=Smp_058730.1;Name=51f30f72-9f85-4976-
bac8-46e20dccf414
SM_V9_ZSR       iris    exon    14236100        14236187        .
        -       .
Parent=Smp_058730.1;Name=cdbf4edf-584d-4bda-9590-5c9eaf3fc20f
SM_V9_ZSR       iris    exon    14236857        14236952        .
        -       .       Parent=Smp_058730.1;Name=458e9dd6-
f625-4639-8039-6b8409ca94ef
SM_V9_ZSR       iris    exon    14237855        14238223        .
        -       .
Parent=Smp_058730.1;Name=d2f56905-13e8-441e-9388-bab635dd5337
SM_V9_ZSR       iris    exon    14239629        14239739        .
        -       .       Parent=Smp_058730.1;Name=2bf28d05-a7d5-48bc-
b3d8-627c73701cac
SM_V9_ZSR       iris    exon    14244151        14244353        .
        -       .
Parent=Smp_058730.1;Name=f5f147d0-641c-44cc-95b4-f98b21fe780f
SM_V9_ZSR       iris    exon    14244861        14245133        .
        -       .       Parent=Smp_058730.1;Name=12ae456d-2ec1-4a2f-
a812-86e983d2debc
SM_V9_ZSR       iris    exon    14246276        14246516        .
        -       .       Parent=Smp_058730.1;Name=5df2acb2-cecf-415f-
b547-858adb98b9ef
SM_V9_ZSR       iris    exon    14249926        14250097        .
        -       .
Parent=Smp_058730.1;Name=90de397c-0268-4962-9f77-689d0a74b9ed
SM_V9_ZSR       iris    CDS     14232801        14232934        .
        -       2       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14233512        14233595        .
        -       2       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14236100        14236187        .
        -       0       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14236857        14236952        .
        -       0       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14237855        14238223        .
        -       0       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14239629        14239739        .
        -       0       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14244151        14244353        .
        -       2       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14244861        14245133        .
        -       2       Parent=Smp_058730.1
SM_V9_ZSR       iris    CDS     14246276        14246492        .
        -       0       Parent=Smp_058730.1
SM_V9_ZSR       Liftoff gene    14286224        14305079        .
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ID=Smp_347680;geneID=Smp_347680;previous_systematic_id=Smp_006230,Sm
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p_006240,Smp_245080
SM_V9_ZSR	Liftoff	mRNA	14286224	14305079	.
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n;polypeptide_domain=InterPro:IPR019144 Pfam:PF09746
SM_V9_ZSR	Liftoff	exon	14286224	14286809	.
	-	.	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	exon	14288128	14288260	.
	-	.	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	exon	14289080	14289163	.
	-	.	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	exon	14292820	14292877	.
	-	.	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	exon	14294777	14295000	.
	-	.	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	exon	14297381	14297494	.
	-	.	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	exon	14300007	14305079	.
	-	.	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	CDS	14286305	14286809	.
	-	1	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	CDS	14288128	14288260	.
	-	2	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	CDS	14289080	14289163	.
	-	2	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	CDS	14292820	14292877	.
	-	0	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	CDS	14294777	14295000	.
	-	2	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	CDS	14297381	14297494	.
	-	2	Parent=Smp_347680.1
SM_V9_ZSR	Liftoff	CDS	14300007	14300691	.
	-	0	Parent=Smp_347680.1
SM_V9_ZSR	iris	gene	14314779	14328849	.
	-	.
ID=Smp_006250;geneID=Smp_006250;gene_name=Smp_006250;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	14314779	14328849	.
	-	.
ID=Smp_006250.1;Parent=Smp_006250;geneID=Smp_006250;gene_name=Smp_00
6250;owner=irisadmin@local.host;orig_id=Smp_006250.1;date_last_modif
ied=2022-09-30;Name=Smp_006250.1;product=Polycomb protein
SCMH1;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	14314779	14315123	.
	-	.	Parent=Smp_006250.1;Name=0aceb928-6695-4cb3-
bca0-867657c9290c
SM_V9_ZSR	iris	exon	14316525	14316640	.
	-	.	Parent=Smp_006250.1;Name=9a0938b9-6722-4a06-
aef5-9a4bcd9b2f74
SM_V9_ZSR	iris	exon	14318877	14319403	.
	-	.	Parent=Smp_006250.1;Name=3fae0bc7-662e-4e93-
b956-967f555e5fcf
SM_V9_ZSR	iris	exon	14320536	14321572	.
	-	.	Parent=Smp_006250.1;Name=3d728186-0650-4b8b-
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bc99-335ba5090143
SM_V9_ZSR       iris    exon    14321655        14322116        .
        -       .       Parent=Smp_006250.1;Name=2f0f12c9-4533-4672-
b206-8029d68790d3
SM_V9_ZSR       iris    exon    14327550        14327795        .
        -       .       Parent=Smp_006250.1;Name=d596f5db-
e5de-4bc4-92bf-c1bafa397097
SM_V9_ZSR       iris    exon    14328590        14328849        .
        -       .       Parent=Smp_006250.1;Name=d110f225-db7f-4729-
adef-89a2cfd76c0d
SM_V9_ZSR       iris    CDS     14314998        14315123        .
        -       0       Parent=Smp_006250.1
SM_V9_ZSR       iris    CDS     14316525        14316640        .
        -       2       Parent=Smp_006250.1
SM_V9_ZSR       iris    CDS     14318877        14319403        .
        -       1       Parent=Smp_006250.1
SM_V9_ZSR       iris    CDS     14320536        14321572        .
        -       0       Parent=Smp_006250.1
SM_V9_ZSR       iris    CDS     14321655        14322116        .
        -       0       Parent=Smp_006250.1
SM_V9_ZSR       iris    CDS     14327550        14327651        .
        -       0       Parent=Smp_006250.1
SM_V9_ZSR       iris    gene    14346764        14386377        .
        -       .
ID=Smp_125550;geneID=Smp_125550;gene_name=Smp_125550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    14346764        14386377        .
        -       .
ID=Smp_125550.1;Parent=Smp_125550;geneID=Smp_125550;gene_name=Smp_12
5550;owner=irisadmin@local.host;orig_id=Smp_125550.2;date_last_modif
ied=2022-07-18;Name=Smp_125550.1;product=RAB6A-GEF complex partner
protein 1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    14346764        14347710        .
        -       .       Parent=Smp_125550.1;Name=69fda85e-
a02c-423f-93fe-f41fcc2951bc
SM_V9_ZSR       iris    exon    14349738        14349954        .
        -       .       Parent=Smp_125550.1;Name=e88c0e27-3c1b-465d-
a44c-32b7ce1ebc2b
SM_V9_ZSR       iris    exon    14351475        14351780        .
        -       .       Parent=Smp_125550.1;Name=b538480a-
cf5d-425f-8c5a-457121fd83cd
SM_V9_ZSR       iris    exon    14352670        14352876        .
        -       .       Parent=Smp_125550.1;Name=9fd04405-25b2-4a4c-
ad5d-5dc120438461
SM_V9_ZSR       iris    exon    14353895        14354375        .
        -       .
Parent=Smp_125550.1;Name=85d073fb-6c3e-4caa-8af8-df7fc2f65895
SM_V9_ZSR       iris    exon    14356893        14356977        .
        -       .       Parent=Smp_125550.1;Name=181cbf57-
f556-4526-89a0-3b029cb133f7
SM_V9_ZSR       iris    exon    14358323        14358555        .
        -       .       Parent=Smp_125550.1;Name=8ccfa9fe-61fd-4ec8-
a610-57ec94d8228b
SM_V9_ZSR       iris    exon    14360068        14360192        .
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        -       .       Parent=Smp_125550.1;Name=afc58dd6-26d5-41f9-
b245-e60dd632f36c
SM_V9_ZSR       iris    exon    14361039        14361085        .
        -       .       Parent=Smp_125550.1;Name=c62e26c9-4550-4b07-
a08f-05ba1d1dc2a7
SM_V9_ZSR       iris    exon    14363279        14363418        .
        -       .       Parent=Smp_125550.1;Name=cec939dc-f854-4c58-
b3d1-6965678a333a
SM_V9_ZSR       iris    exon    14364604        14364964        .
        -       .       Parent=Smp_125550.1;Name=791cfda6-9a8e-46e6-
ab08-38faa9d1bc00
SM_V9_ZSR       iris    exon    14366119        14366294        .
        -       .       Parent=Smp_125550.1;Name=95d2ea8c-
ecf0-4b78-8520-2a322b6d213b
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        -       .       Parent=Smp_125550.1;Name=43f72eba-cb9d-4806-
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SM_V9_ZSR       iris    exon    14368003        14368174        .
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Parent=Smp_125550.1;Name=b09ccbe7-8e28-49ca-9d7c-e2c28ad3263e
SM_V9_ZSR       iris    exon    14370042        14370131        .
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SM_V9_ZSR       iris    exon    14377256        14377492        .
        -       .       Parent=Smp_125550.1;Name=4042178b-fc45-4d42-
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SM_V9_ZSR       iris    exon    14378258        14378433        .
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SM_V9_ZSR       iris    exon    14378625        14378713        .
        -       .       Parent=Smp_125550.1;Name=274dbfd3-867c-483a-
aa2b-b7f303fed7e3
SM_V9_ZSR       iris    exon    14380266        14380357        .
        -       .       Parent=Smp_125550.1;Name=5e3dc22e-5926-48f0-
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SM_V9_ZSR       iris    exon    14383535        14383665        .
        -       .       Parent=Smp_125550.1;Name=c5ee93d1-3579-4c38-
aa37-e7b8f903e92a
SM_V9_ZSR       iris    exon    14385637        14385773        .
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c229-4553-987e-0a52b1f84dca
SM_V9_ZSR       iris    exon    14385807        14385872        .
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SM_V9_ZSR       iris    exon    14385914        14385987        .
        -       .       Parent=Smp_125550.1;Name=4391a9db-ff5d-4c4c-
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SM_V9_ZSR       iris    exon    14386024        14386131        .
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SM_V9_ZSR       iris    exon    14386167        14386377        .
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SM_V9_ZSR       iris    CDS     14349738        14349954        .
        -       1       Parent=Smp_125550.1
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        -       1       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14352670        14352876        .
        -       1       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14353895        14354375        .
        -       2       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14356893        14356977        .
        -       0       Parent=Smp_125550.1
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SM_V9_ZSR       iris    CDS     14360068        14360192        .
        -       1       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14361039        14361085        .
        -       0       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14363279        14363418        .
        -       2       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14364604        14364964        .
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SM_V9_ZSR       iris    CDS     14366119        14366294        .
        -       2       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14366522        14366626        .
        -       2       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14368003        14368174        .
        -       0       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14370042        14370131        .
        -       0       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14370834        14370944        .
        -       0       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14373061        14373195        .
        -       0       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14377256        14377492        .
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SM_V9_ZSR       iris    CDS     14378258        14378433        .
        -       2       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14378625        14378713        .
        -       1       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14380266        14380357        .
        -       0       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14383535        14383665        .
        -       2       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14385637        14385773        .
        -       1       Parent=Smp_125550.1
SM_V9_ZSR       iris    CDS     14385807        14385872        .
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SM_V9_ZSR       iris    CDS     14385914        14385987        .
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        -       0       Parent=Smp_125550.1
SM_V9_ZSR       Liftoff gene    14401314        14426549        .
        -       .       ID=Smp_125560;geneID=Smp_125560
SM_V9_ZSR       Liftoff mRNA    14401314        14426549        .
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ID=Smp_125560.1;Parent=Smp_125560;geneID=Smp_125560;product=long-
chain-fatty-acid--CoA
ligase;polypeptide_domain=InterPro:IPR000873,IPR020845
Pfam:PF00501;Ontology_term=GO:0003824,GO:0008152
SM_V9_ZSR       Liftoff exon    14401314        14404352        .
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SM_V9_ZSR       Liftoff exon    14405286        14405402        .
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SM_V9_ZSR       Liftoff exon    14406132        14406296        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14408872        14409019        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14410543        14410760        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14411690        14411758        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14412166        14412245        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14412963        14413014        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14415767        14415936        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14416522        14416621        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14417937        14418041        .
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SM_V9_ZSR       Liftoff exon    14418076        14418143        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14419026        14419122        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14421819        14421928        .
        -       .       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff exon    14426185        14426549        .
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SM_V9_ZSR       Liftoff CDS     14404017        14404352        .
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SM_V9_ZSR       Liftoff CDS     14405286        14405402        .
        -       0       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff CDS     14406132        14406296        .
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SM_V9_ZSR       Liftoff CDS     14408872        14409019        .
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SM_V9_ZSR       Liftoff CDS     14410543        14410760        .
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SM_V9_ZSR       Liftoff CDS     14411690        14411758        .
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SM_V9_ZSR       Liftoff CDS     14412963        14413014        .
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SM_V9_ZSR       Liftoff CDS     14415767        14415936        .
        -       2       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff CDS     14416522        14416621        .
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        -       0       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff CDS     14421819        14421928        .
        -       2       Parent=Smp_125560.1
SM_V9_ZSR       Liftoff CDS     14426185        14426191        .
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SM_V9_ZSR       iris    gene    14444283        14471150        .
        +       .
ID=Smp_120380;geneID=Smp_120380;gene_name=Smp_120380;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    14444283        14471150        .
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ID=Smp_120380.1;Parent=Smp_120380;geneID=Smp_120380;gene_name=Smp_12
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ied=2022-08-02;Name=Smp_120380.1;product=Protein tilB
homolog;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    14444283        14444304        .
        +       .       Parent=Smp_120380.1;Name=34d05dbb-
aa2d-4f8c-9770-08aee08550e7
SM_V9_ZSR       iris    exon    14448312        14448350        .
        +       .       Parent=Smp_120380.1;Name=6375e011-
d4c7-4b0e-81f1-ef6672890066
SM_V9_ZSR       iris    exon    14448391        14448484        .
        +       .       Parent=Smp_120380.1;Name=83999819-6e10-4936-
b2f9-9b4006e9364a
SM_V9_ZSR       iris    exon    14448521        14448594        .
        +       .       Parent=Smp_120380.1;Name=0b3b44d8-
da24-41d6-9045-c6770eac31d1
SM_V9_ZSR       iris    exon    14448629        14448803        .
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Parent=Smp_120380.1;Name=9bee7361-9ba5-4e94-8616-be1132768abb
SM_V9_ZSR       iris    exon    14448853        14448928        .
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Parent=Smp_120380.1;Name=c0dbb5c8-79ff-43f9-98f6-fc8b886b0f42
SM_V9_ZSR       iris    exon    14448962        14449072        .
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Parent=Smp_120380.1;Name=d6b0210e-0943-4d7a-9476-22dc08b2b70d
SM_V9_ZSR       iris    exon    14449151        14449218        .
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SM_V9_ZSR       iris    exon    14454713        14454835        .
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Parent=Smp_120380.1;Name=832a20a0-90f0-4629-9872-16927e4d0966
SM_V9_ZSR       iris    exon    14456310        14456378        .
        +       .       Parent=Smp_120380.1;Name=2840704b-7060-40d1-
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SM_V9_ZSR       iris    exon    14461982        14462053        .
        +       .       Parent=Smp_120380.1;Name=40f68540-1e93-42e3-
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SM_V9_ZSR       iris    exon    14464389        14464458        .
        +       .       Parent=Smp_120380.1;Name=bed371ba-
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SM_V9_ZSR       iris    exon    14465990        14466085        .
        +       .       Parent=Smp_120380.1;Name=f208960f-213d-47af-
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SM_V9_ZSR       iris    exon    14470242        14470306        .
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Parent=Smp_120380.1;Name=0fb9675c-429a-4023-87fb-5c24ac06a6ae
SM_V9_ZSR       iris    exon    14470611        14471150        .
        +       .       Parent=Smp_120380.1;Name=c4bb3cbd-
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SM_V9_ZSR       iris    CDS     14448341        14448350        .
        +       0       Parent=Smp_120380.1
SM_V9_ZSR       iris    CDS     14448391        14448484        .
        +       2       Parent=Smp_120380.1
SM_V9_ZSR       iris    CDS     14448521        14448594        .
        +       1       Parent=Smp_120380.1
SM_V9_ZSR       iris    CDS     14448629        14448803        .
        +       2       Parent=Smp_120380.1
SM_V9_ZSR       iris    CDS     14448853        14448928        .
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SM_V9_ZSR       iris    CDS     14456310        14456378        .
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SM_V9_ZSR       iris    CDS     14464389        14464458        .
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        +       0       Parent=Smp_120380.1
SM_V9_ZSR       iris    CDS     14470242        14470306        .
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ID=Smp_332930;geneID=Smp_332930;gene_name=Smp_332930;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    14470203        14510247        .
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ID=Smp_332930.1;Parent=Smp_332930;geneID=Smp_332930;gene_name=Smp_33
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ied=2022-08-20;Name=Smp_332930.1;product=CD97
antigen;date_creation=2022-08-20
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SM_V9_ZSR       iris    exon    14472847        14473114        .
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Parent=Smp_332930.1;Name=c7edc470-4ecd-4e07-8ac6-5546f488d956
SM_V9_ZSR       iris    exon    14477495        14477641        .
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Parent=Smp_332930.1;Name=02413883-55b4-48aa-9dce-c98af4c27662
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SM_V9_ZSR       iris    exon    14486844        14487010        .
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SM_V9_ZSR       iris    exon    14488034        14488118        .
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SM_V9_ZSR       iris    exon    14490132        14490393        .
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Parent=Smp_332930.1;Name=c584ec38-58d6-4440-8651-cc5ea7743a9f
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SM_V9_ZSR       iris    exon    14495346        14495395        .
        -       .       Parent=Smp_332930.1;Name=de53e215-
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SM_V9_ZSR       iris    exon    14497204        14497378        .
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SM_V9_ZSR       iris    exon    14507408        14507520        .
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SM_V9_ZSR       iris    exon    14507556        14507641        .
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SM_V9_ZSR       iris    exon    14507678        14507889        .
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SM_V9_ZSR       iris    CDS     14471720        14471916        .
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        -       0       Parent=Smp_332930.1
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        -       1       Parent=Smp_332930.1
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        -       1       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14478096        14478236        .
        -       1       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14479796        14479987        .
        -       1       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14483794        14483894        .
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        -       1       Parent=Smp_332930.1
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        -       2       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14488034        14488118        .
        -       0       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14490132        14490393        .
        -       1       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14492189        14492322        .
        -       0       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14495346        14495395        .
        -       2       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14497204        14497378        .
        -       0       Parent=Smp_332930.1
SM_V9_ZSR       iris    CDS     14499183        14499211        .
        -       2       Parent=Smp_332930.1
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SM_V9_ZSR	iris	CDS	14500865	14500917	.
	-	1	Parent=Smp_332930.1
SM_V9_ZSR	iris	CDS	14505612	14505748	.
	-	0	Parent=Smp_332930.1
SM_V9_ZSR	iris	CDS	14507176	14507240	.
	-	2	Parent=Smp_332930.1
SM_V9_ZSR	iris	CDS	14507273	14507373	.
	-	1	Parent=Smp_332930.1
SM_V9_ZSR	iris	CDS	14507408	14507520	.
	-	0	Parent=Smp_332930.1
SM_V9_ZSR	iris	CDS	14507556	14507641	.
	-	2	Parent=Smp_332930.1
SM_V9_ZSR	iris	CDS	14507678	14507783	.
	-	0	Parent=Smp_332930.1
SM_V9_ZSR	iris	gene	14522723	14559027	.
	+	.
ID=Smp_006320;geneID=Smp_006320;gene_name=Smp_006320;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	14522723	14524077	.
	+	.
ID=Smp_006320.1;Parent=Smp_006320;geneID=Smp_006320;gene_name=Smp_00
6320;owner=irisadmin@local.host;orig_id=Smp_006320.1;date_last_modif
ied=2022-07-18;Name=Smp_006320.1;product=KH domain-containing, RNA-
binding, signal transduction-associated protein
2;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	14522723	14522862	.
	+	.	Parent=Smp_006320.1;Name=2d56a0fb-
aa34-4554-96b7-2145e6f43ab4
SM_V9_ZSR	iris	exon	14522900	14523270	.
	+	.	Parent=Smp_006320.1;Name=095f07f2-9851-46be-
a83d-768bc10cca76
SM_V9_ZSR	iris	exon	14523308	14523653	.
	+	.
Parent=Smp_006320.1;Name=8808af97-55b2-407e-900a-36a81736306a
SM_V9_ZSR	iris	exon	14523734	14524077	.
	+	.
Parent=Smp_006320.1;Name=cf3f3e60-1a54-4095-9c16-0812004dfe19
SM_V9_ZSR	iris	CDS	14522748	14522862	.
	+	0	Parent=Smp_006320.1
SM_V9_ZSR	iris	CDS	14522900	14523270	.
	+	2	Parent=Smp_006320.1
SM_V9_ZSR	iris	CDS	14523308	14523653	.
	+	0	Parent=Smp_006320.1
SM_V9_ZSR	iris	CDS	14523734	14523843	.
	+	2	Parent=Smp_006320.1
SM_V9_ZSR	iris	mRNA	14522723	14559027	.
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ID=Smp_006320.2;Parent=Smp_006320;geneID=Smp_006320;gene_name=Smp_00
6320;owner=irisadmin@local.host;date_last_modified=2022-07-18;Name=S
mp_006320.2;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	14522723	14522862	.
	+	.
Parent=Smp_006320.2;Name=48d9b6ad-8b6a-4d38-9634-2cf46b63fbe0
SM_V9_ZSR	iris	exon	14522900	14523270	.
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        +       .
Parent=Smp_006320.2;Name=314801c1-25f9-4724-8b67-aad49453d82b
SM_V9_ZSR       iris    exon    14523308        14523653        .
        +       .
Parent=Smp_006320.2;Name=aa51fb87-0d14-4407-96d1-37053da83482
SM_V9_ZSR       iris    exon    14556724        14557023        .
        +       .       Parent=Smp_006320.2;Name=fd1606af-
a909-47ae-9f8a-0c793a9a2282
SM_V9_ZSR       iris    exon    14558534        14559027        .
        +       .       Parent=Smp_006320.2;Name=49603521-f75d-45b7-
bcb1-13cf646bf9a4
SM_V9_ZSR       iris    CDS     14522748        14522862        .
        +       0       Parent=Smp_006320.2
SM_V9_ZSR       iris    CDS     14522900        14523270        .
        +       2       Parent=Smp_006320.2
SM_V9_ZSR       iris    CDS     14523308        14523653        .
        +       0       Parent=Smp_006320.2
SM_V9_ZSR       iris    CDS     14556724        14556743        .
        +       2       Parent=Smp_006320.2
SM_V9_ZSR       iris    gene    14560209        14584382        .
        -       .
ID=Smp_342180;geneID=Smp_342180;gene_name=Smp_342180;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    14560209        14584382        .
        -       .
ID=Smp_342180.1;Parent=Smp_342180;geneID=Smp_342180;gene_name=Smp_34
2180;owner=irisadmin@local.host;orig_id=Smp_342180.1;date_last_modif
ied=2022-07-18;Name=Smp_342180.1;product=XK-related protein
6;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    14560209        14560454        .
        -       .       Parent=Smp_342180.1;Name=50511c06-e516-4a15-
a64f-cf10f41d2da9
SM_V9_ZSR       iris    exon    14560935        14561247        .
        -       .       Parent=Smp_342180.1;Name=47afd51c-
ac57-4a06-807c-e4d575b0fda0
SM_V9_ZSR       iris    exon    14565476        14565684        .
        -       .       Parent=Smp_342180.1;Name=c69321d6-db86-4549-
afc0-b5e41990d24e
SM_V9_ZSR       iris    exon    14569448        14569629        .
        -       .       Parent=Smp_342180.1;Name=4ad2094b-ec52-446e-
b378-9f7335c0fc78
SM_V9_ZSR       iris    exon    14574416        14574713        .
        -       .
Parent=Smp_342180.1;Name=75ae3176-1d36-4e9e-9718-040a5114894e
SM_V9_ZSR       iris    exon    14576264        14576395        .
        -       .       Parent=Smp_342180.1;Name=cd1ce1ec-
fb17-4253-8931-5f6ce0f45aae
SM_V9_ZSR       iris    exon    14584357        14584382        .
        -       .       Parent=Smp_342180.1;Name=bb1140ba-
dee0-4e4e-871f-1d6afa2a189d
SM_V9_ZSR       iris    CDS     14561132        14561247        .
        -       2       Parent=Smp_342180.1
SM_V9_ZSR       iris    CDS     14565476        14565684        .
        -       1       Parent=Smp_342180.1
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SM_V9_ZSR       iris    CDS     14569448        14569629        .
        -       0       Parent=Smp_342180.1
SM_V9_ZSR       iris    CDS     14574416        14574703        .
        -       0       Parent=Smp_342180.1
SM_V9_ZSR       Liftoff gene    14606946        14608180        .
        +       .
ID=Smp_335690;geneID=Smp_335690;previous_systematic_id=Smp_125540
SM_V9_ZSR       Liftoff mRNA    14606946        14608180        .
        +       .
ID=Smp_335690.1;Parent=Smp_335690;geneID=Smp_335690;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    14606946        14607000        .
        +       .       Parent=Smp_335690.1
SM_V9_ZSR       Liftoff exon    14607365        14608180        .
        +       .       Parent=Smp_335690.1
SM_V9_ZSR       Liftoff CDS     14606985        14607000        .
        +       0       Parent=Smp_335690.1
SM_V9_ZSR       Liftoff CDS     14607365        14607978        .
        +       2       Parent=Smp_335690.1
SM_V9_ZSR       Liftoff gene    14614838        14615167        .
        -       .       ID=Smp_044610;geneID=Smp_044610
SM_V9_ZSR       Liftoff mRNA    14614838        14615167        .
        -       .
ID=Smp_044610.1;Parent=Smp_044610;geneID=Smp_044610;product=Isoleuci
ne--tRNA ligase
SM_V9_ZSR       Liftoff exon    14614838        14615167        .
        -       .       Parent=Smp_044610.1
SM_V9_ZSR       Liftoff CDS     14614838        14615167        .
        -       0       Parent=Smp_044610.1
SM_V9_ZSR       Liftoff gene    14625106        14638980        .
        +       .       ID=Smp_102240;geneID=Smp_102240
SM_V9_ZSR       Liftoff mRNA    14625106        14638980        .
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ID=Smp_102240.1;Parent=Smp_102240;geneID=Smp_102240;product=Regulato
r of nonsense transcripts
3A;polypeptide_domain=InterPro:IPR000504,IPR005120
Pfam:PF03467;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    14625106        14625444        .
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SM_V9_ZSR       Liftoff exon    14625475        14625729        .
        +       .       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff exon    14626572        14626920        .
        +       .       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff exon    14628981        14629590        .
        +       .       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff exon    14638311        14638980        .
        +       .       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff CDS     14625208        14625444        .
        +       0       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff CDS     14625475        14625729        .
        +       0       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff CDS     14626572        14626920        .
        +       0       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff CDS     14628981        14629590        .
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        +       2       Parent=Smp_102240.1
SM_V9_ZSR       Liftoff CDS     14638311        14638542        .
        +       1       Parent=Smp_102240.1
SM_V9_ZSR       iris    gene    14643247        14651748        .
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ID=Smp_146220;geneID=Smp_146220;gene_name=Smp_146220;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    14643247        14651748        .
        -       .
ID=Smp_146220.1;Parent=Smp_146220;geneID=Smp_146220;gene_name=Smp_14
6220;owner=irisadmin@local.host;orig_id=Smp_146220.1;date_last_modif
ied=2022-07-18;Name=Smp_146220.1;product=Calcium-dependent protein
kinase 14;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    14643247        14643830        .
        -       .       Parent=Smp_146220.1;Name=a9772db1-0b29-4296-
b45d-41f607f993a2
SM_V9_ZSR       iris    exon    14651394        14651488        .
        -       .
Parent=Smp_146220.1;Name=bd483d58-8ab8-4f95-99ba-7b472dd7b495
SM_V9_ZSR       iris    exon    14651537        14651635        .
        -       .       Parent=Smp_146220.1;Name=f8b29bcb-
d532-455e-996f-4d3bbc9572c9
SM_V9_ZSR       iris    exon    14651689        14651748        .
        -       .       Parent=Smp_146220.1;Name=cefca701-5bde-4824-
befb-74c55e0be3a9
SM_V9_ZSR       iris    CDS     14643578        14643830        .
        -       1       Parent=Smp_146220.1
SM_V9_ZSR       iris    CDS     14651394        14651488        .
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SM_V9_ZSR       iris    CDS     14651537        14651635        .
        -       0       Parent=Smp_146220.1
SM_V9_ZSR       iris    CDS     14651689        14651715        .
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SM_V9_ZSR       iris    gene    14689596        14749520        .
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ID=Smp_167860;geneID=Smp_167860;gene_name=Smp_167860;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    14689596        14749520        .
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ID=Smp_167860.1;Parent=Smp_167860;geneID=Smp_167860;gene_name=Smp_16
7860;owner=irisadmin@local.host;orig_id=Smp_167860.1;date_last_modif
ied=2022-08-02;Name=Smp_167860.1;product=Nipped-B-like
protein;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    14689596        14689936        .
        +       .       Parent=Smp_167860.1;Name=05c93595-db4c-4c57-
bec3-1ef75f38d790
SM_V9_ZSR       iris    exon    14689973        14690106        .
        +       .
Parent=Smp_167860.1;Name=1a172d6a-6d80-44aa-80bb-8745fbcff1bc
SM_V9_ZSR       iris    exon    14690139        14690368        .
        +       .       Parent=Smp_167860.1;Name=ba06aae0-b14d-4326-
b379-defa2771bbff
SM_V9_ZSR       iris    exon    14695651        14696935        .
        +       .       Parent=Smp_167860.1;Name=45deb15e-cb8f-4a2f-
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ac74-173054318b26
SM_V9_ZSR       iris    exon    14697411        14698339        .
        +       .       Parent=Smp_167860.1;Name=bcfa5d5d-7722-4efe-
af7a-b2105d2ce510
SM_V9_ZSR       iris    exon    14704032        14704191        .
        +       .       Parent=Smp_167860.1;Name=da4101bf-4a88-44ad-
b953-73b83cad88bb
SM_V9_ZSR       iris    exon    14706806        14707851        .
        +       .       Parent=Smp_167860.1;Name=b50f2ac0-1ad1-47e9-
bad6-f0a749c7a092
SM_V9_ZSR       iris    exon    14716154        14716433        .
        +       .       Parent=Smp_167860.1;Name=4609ee40-
ad6a-49e5-80cf-de6a8ad1bdac
SM_V9_ZSR       iris    exon    14719779        14720325        .
        +       .       Parent=Smp_167860.1;Name=dfd0b242-cf08-40b4-
bd8e-aa043ae2214b
SM_V9_ZSR       iris    exon    14720751        14721116        .
        +       .       Parent=Smp_167860.1;Name=78f50af3-d340-4c18-
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SM_V9_ZSR       iris    exon    14724270        14724849        .
        +       .       Parent=Smp_167860.1;Name=594816ff-2523-4e23-
a8b3-22b51999329d
SM_V9_ZSR       iris    exon    14725732        14726235        .
        +       .
Parent=Smp_167860.1;Name=a9a6d708-1dfa-4b05-8c78-d8249d776bdc
SM_V9_ZSR       iris    exon    14727634        14728107        .
        +       .
Parent=Smp_167860.1;Name=a740728b-218f-41e2-9d2b-b7b3ce783b8c
SM_V9_ZSR       iris    exon    14728598        14728759        .
        +       .       Parent=Smp_167860.1;Name=28b5ed1f-e5f6-4145-
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SM_V9_ZSR       iris    exon    14728873        14728972        .
        +       .       Parent=Smp_167860.1;Name=2c9af9a9-
bc0d-4f52-9179-41d37eff16d7
SM_V9_ZSR       iris    exon    14731991        14732366        .
        +       .       Parent=Smp_167860.1;Name=8a1971cf-8267-4903-
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SM_V9_ZSR       iris    exon    14735107        14735264        .
        +       .       Parent=Smp_167860.1;Name=e6579a72-8008-447a-
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SM_V9_ZSR       iris    exon    14736116        14736288        .
        +       .       Parent=Smp_167860.1;Name=b777bfc7-7055-4828-
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SM_V9_ZSR       iris    exon    14736386        14736809        .
        +       .       Parent=Smp_167860.1;Name=2715b884-
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SM_V9_ZSR       iris    exon    14737826        14738127        .
        +       .       Parent=Smp_167860.1;Name=473cff2c-e02f-4670-
a510-a672b27731d0
SM_V9_ZSR       iris    exon    14739091        14739345        .
        +       .
Parent=Smp_167860.1;Name=55d5541f-726d-4035-8624-f9eb0e5a0b91
SM_V9_ZSR       iris    exon    14740057        14740607        .
        +       .       Parent=Smp_167860.1;Name=602cdffa-99a1-40a3-
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b8e6-243297651ed1
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SM_V9_ZSR       iris    exon    14745315        14745772        .
        +       .       Parent=Smp_167860.1;Name=94a538ef-4f2d-439d-
a07f-f1c72af574f1
SM_V9_ZSR       iris    exon    14746794        14747474        .
        +       .       Parent=Smp_167860.1;Name=797a0608-
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SM_V9_ZSR       iris    exon    14748059        14749520        .
        +       .       Parent=Smp_167860.1;Name=4d135b04-567f-42f2-
ab51-ce2c2805e4f4
SM_V9_ZSR       iris    CDS     14689707        14689936        .
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SM_V9_ZSR       iris    CDS     14689973        14690106        .
        +       1       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14690139        14690368        .
        +       2       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14695651        14696935        .
        +       0       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14697411        14698339        .
        +       2       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14704032        14704191        .
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SM_V9_ZSR       iris    CDS     14719779        14720325        .
        +       2       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14720751        14721116        .
        +       1       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14724270        14724849        .
        +       1       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14725732        14726235        .
        +       0       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14727634        14728107        .
        +       0       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14728598        14728759        .
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SM_V9_ZSR       iris    CDS     14731991        14732366        .
        +       2       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14735107        14735264        .
        +       1       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14736116        14736288        .
        +       2       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14736386        14736809        .
        +       0       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14737826        14738127        .
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SM_V9_ZSR       iris    CDS     14739091        14739345        .
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        +       0       Parent=Smp_167860.1
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        +       1       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14745315        14745772        .
        +       2       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14746794        14747474        .
        +       0       Parent=Smp_167860.1
SM_V9_ZSR       iris    CDS     14748059        14748256        .
        +       0       Parent=Smp_167860.1
SM_V9_ZSR       iris    gene    14753026        14774338        .
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SM_V9_ZSR       iris    mRNA    14753026        14774338        .
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ID=Smp_006190.1;Parent=Smp_006190;geneID=Smp_006190;gene_name=Smp_00
6190;owner=irisadmin@local.host;orig_id=Smp_006190.1;date_last_modif
ied=2022-08-02;Name=Smp_006190.1;product=m7GpppN-mRNA
hydrolase;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    14753026        14753475        .
        -       .       Parent=Smp_006190.1;Name=50ba7926-bbcc-4f7f-
a161-5e31872fc083
SM_V9_ZSR       iris    exon    14757758        14757818        .
        -       .       Parent=Smp_006190.1;Name=f5645266-e570-420c-
a0da-e8b5bc3fc7bb
SM_V9_ZSR       iris    exon    14767167        14767424        .
        -       .
Parent=Smp_006190.1;Name=0b72252c-0367-47e7-9672-c6bfecffdf8f
SM_V9_ZSR       iris    exon    14773478        14773743        .
        -       .
Parent=Smp_006190.1;Name=528ef12b-3c85-4367-96f1-ed1dc365e11d
SM_V9_ZSR       iris    exon    14773779        14773874        .
        -       .
Parent=Smp_006190.1;Name=e42202fe-227e-4102-8664-bd3e1ef3b7c3
SM_V9_ZSR       iris    exon    14773907        14774034        .
        -       .       Parent=Smp_006190.1;Name=9bb20849-0c21-4b22-
a99d-50bfa7bf0e5c
SM_V9_ZSR       iris    exon    14774070        14774230        .
        -       .
Parent=Smp_006190.1;Name=25ae917d-21bd-4d35-8bea-59ae53b95ca3
SM_V9_ZSR       iris    exon    14774269        14774338        .
        -       .       Parent=Smp_006190.1;Name=70ba6d00-40d4-40e3-
b19a-eeba558be2c9
SM_V9_ZSR       iris    CDS     14753293        14753475        .
        -       0       Parent=Smp_006190.1
SM_V9_ZSR       iris    CDS     14757758        14757818        .
        -       1       Parent=Smp_006190.1
SM_V9_ZSR       iris    CDS     14767167        14767424        .
        -       1       Parent=Smp_006190.1
SM_V9_ZSR       iris    CDS     14773478        14773743        .
        -       0       Parent=Smp_006190.1
SM_V9_ZSR       iris    CDS     14773779        14773874        .
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        -       0       Parent=Smp_006190.1
SM_V9_ZSR       iris    CDS     14773907        14774034        .
        -       2       Parent=Smp_006190.1
SM_V9_ZSR       iris    CDS     14774070        14774230        .
        -       1       Parent=Smp_006190.1
SM_V9_ZSR       iris    CDS     14774269        14774327        .
        -       0       Parent=Smp_006190.1
SM_V9_ZSR       iris    gene    14763613        14764503        .
        -       .
ID=Smp_006195;geneID=Smp_006195;gene_name=Smp_006195;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    14763613        14764503        .
        -       .
ID=Smp_006195.1;Parent=Smp_006195;geneID=Smp_006195;gene_name=Smp_00
6195;owner=irisadmin@local.host;orig_id=Smp_006190.2;date_last_modif
ied=2022-08-02;Name=Smp_006195.1;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    14763613        14764129        .
        -       .       Parent=Smp_006195.1;Name=Smp_006195.1-CDS
SM_V9_ZSR       iris    exon    14764165        14764256        .
        -       .
Parent=Smp_006195.1;Name=3202100b-98f6-4b23-9dd6-c8acc13471a2
SM_V9_ZSR       iris    exon    14764288        14764369        .
        -       .       Parent=Smp_006195.1;Name=38d9aee5-ec1f-4889-
a6c4-af3a39115f4c
SM_V9_ZSR       iris    exon    14764404        14764503        .
        -       .       Parent=Smp_006195.1;Name=56745436-aec7-4ce7-
b927-a97a800f6fdd
SM_V9_ZSR       iris    CDS     14763907        14764129        .
        -       1       Parent=Smp_006195.1
SM_V9_ZSR       iris    CDS     14764165        14764256        .
        -       0       Parent=Smp_006195.1
SM_V9_ZSR       iris    CDS     14764288        14764369        .
        -       1       Parent=Smp_006195.1
SM_V9_ZSR       iris    CDS     14764404        14764471        .
        -       0       Parent=Smp_006195.1
SM_V9_ZSR       Liftoff gene    14796021        14825567        .
        +       .
ID=Smp_342170;geneID=Smp_342170;previous_systematic_id=Smp_125530
SM_V9_ZSR       Liftoff mRNA    14796021        14825567        .
        +       .
ID=Smp_342170.1;Parent=Smp_342170;geneID=Smp_342170;product=Gamma-
tubulin complex component 2;polypeptide_domain=InterPro:IPR007259
Pfam:PF04130;Ontology_term=GO:0000226,GO:0000922,GO:0005815,GO:00070
20,GO:0043015
SM_V9_ZSR       Liftoff exon    14796021        14796115        .
        +       .       Parent=Smp_342170.1
SM_V9_ZSR       Liftoff exon    14796150        14796231        .
        +       .       Parent=Smp_342170.1
SM_V9_ZSR       Liftoff exon    14796263        14796354        .
        +       .       Parent=Smp_342170.1
SM_V9_ZSR       Liftoff exon    14796390        14796534        .
        +       .       Parent=Smp_342170.1
SM_V9_ZSR       Liftoff exon    14798270        14798569        .
        +       .       Parent=Smp_342170.1
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SM_V9_ZSR	Liftoff	exon	14800508	14800591	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14800729	14800810	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14807159	14807236	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14807643	14807794	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14809751	14809909	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14811525	14811596	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14815041	14815275	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14818898	14819048	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14819989	14820080	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14820317	14820404	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14820580	14820653	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14821701	14821869	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14822718	14822892	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14823440	14823793	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14824479	14824636	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	exon	14825330	14825567	.
	+	.	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14796048	14796115	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14796150	14796231	.
	+	1	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14796263	14796354	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14796390	14796534	.
	+	1	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14798270	14798569	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14800508	14800591	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14800729	14800810	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14807159	14807236	.
	+	2	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14807643	14807794	.
	+	2	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14809751	14809909	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14811525	14811596	.
	+	0	Parent=Smp_342170.1
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SM_V9_ZSR	Liftoff	CDS	14815041	14815275	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14818898	14819048	.
	+	2	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14819989	14820080	.
	+	1	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14820317	14820404	.
	+	2	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14820580	14820653	.
	+	1	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14821701	14821869	.
	+	2	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14822718	14822892	.
	+	1	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14823440	14823793	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14824479	14824636	.
	+	0	Parent=Smp_342170.1
SM_V9_ZSR	Liftoff	CDS	14825330	14825498	.
	+	1	Parent=Smp_342170.1
SM_V9_ZSR	iris	gene	14826439	14844312	.
	-	.
ID=Smp_207000;geneID=Smp_207000;gene_name=Smp_207000;owner=irisadmin
@local.host;date_last_modified=2022-07-09;date_creation=2022-07-09
SM_V9_ZSR	iris	mRNA	14826439	14844312	.
	-	.
ID=Smp_207000.1;Parent=Smp_207000;geneID=Smp_207000;gene_name=Smp_20
7000;owner=irisadmin@local.host;orig_id=Smp_207000.1;date_last_modif
ied=2022-07-09;Name=Smp_207000.1;product=Anamorsin
homolog;date_creation=2022-07-09
SM_V9_ZSR	iris	exon	14826439	14826654	.
	-	.
Parent=Smp_207000.1;Name=f083ca5b-42bf-4436-9898-a915c0467805
SM_V9_ZSR	iris	exon	14827678	14828010	.
	-	.
Parent=Smp_207000.1;Name=9074364f-6e2a-4339-9cff-927a6b4392b3
SM_V9_ZSR	iris	exon	14831923	14832302	.
	-	.	Parent=Smp_207000.1;Name=1e7c7589-
e8d2-414b-9d7e-a418bec446ef
SM_V9_ZSR	iris	exon	14844267	14844312	.
	-	.
Parent=Smp_207000.1;Name=eeae79ee-4abc-4e09-8f9e-f7db8d4d01b2
SM_V9_ZSR	iris	CDS	14826541	14826654	.
	-	0	Parent=Smp_207000.1
SM_V9_ZSR	iris	CDS	14827678	14828010	.
	-	0	Parent=Smp_207000.1
SM_V9_ZSR	iris	CDS	14831923	14832294	.
	-	0	Parent=Smp_207000.1
SM_V9_ZSR	iris	gene	14852475	14856494	.
	-	.
ID=Smp_304660;geneID=Smp_304660;gene_name=Smp_304660;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	14852475	14856494	.
	-	.
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ID=Smp_304660.1;Parent=Smp_304660;geneID=Smp_304660;gene_name=Smp_30
4660;owner=irisadmin@local.host;orig_id=Smp_304660.1;date_last_modif
ied=2022-08-02;Name=Smp_304660.1;product=Nucleoside diphosphate
kinase homolog 5;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    14852475        14853122        .
        -       .       Parent=Smp_304660.1;Name=d922fa2c-4520-4b8f-
bcc2-741965f35371
SM_V9_ZSR       iris    exon    14854427        14854545        .
        -       .       Parent=Smp_304660.1;Name=e6750e4a-
ea68-4fa8-876f-3a3c9bf691a4
SM_V9_ZSR       iris    exon    14855881        14855981        .
        -       .       Parent=Smp_304660.1;Name=0bdb1c27-f539-48fd-
ad6c-d50886e1b827
SM_V9_ZSR       iris    exon    14856035        14856240        .
        -       .       Parent=Smp_304660.1;Name=3cce2323-
c973-455b-8c65-dcf6c9e430ec
SM_V9_ZSR       iris    exon    14856291        14856494        .
        -       .
Parent=Smp_304660.1;Name=344bccdd-98d6-4ed6-90bc-e3261ed72df9
SM_V9_ZSR       iris    CDS     14853063        14853122        .
        -       0       Parent=Smp_304660.1
SM_V9_ZSR       iris    CDS     14854427        14854545        .
        -       2       Parent=Smp_304660.1
SM_V9_ZSR       iris    CDS     14855881        14855981        .
        -       1       Parent=Smp_304660.1
SM_V9_ZSR       iris    CDS     14856035        14856240        .
        -       0       Parent=Smp_304660.1
SM_V9_ZSR       iris    CDS     14856291        14856416        .
        -       0       Parent=Smp_304660.1
SM_V9_ZSR       iris    gene    14917776        14925946        .
        +       .
ID=Smp_306210;geneID=Smp_306210;gene_name=Smp_306210;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    14917776        14925946        .
        +       .
ID=Smp_306210.1;Parent=Smp_306210;geneID=Smp_306210;gene_name=Smp_30
6210;owner=irisadmin@local.host;orig_id=Smp_306210.1;date_last_modif
ied=2022-07-18;Name=Smp_306210.1;product=Nucleoside diphosphate
kinase homolog 5;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    14917776        14917815        .
        +       .       Parent=Smp_306210.1;Name=2a45ae44-10fd-41d6-
a093-931d510e8b57
SM_V9_ZSR       iris    exon    14922384        14922587        .
        +       .       Parent=Smp_306210.1;Name=59d3ff02-f6d3-4e5d-
a193-140f983df675
SM_V9_ZSR       iris    exon    14922638        14922843        .
        +       .       Parent=Smp_306210.1;Name=db44595f-0297-4a56-
b21f-bc823cdef27f
SM_V9_ZSR       iris    exon    14922897        14922997        .
        +       .       Parent=Smp_306210.1;Name=a57402b8-badc-479a-
a209-8762a7777832
SM_V9_ZSR       iris    exon    14924333        14924451        .
        +       .       Parent=Smp_306210.1;Name=4da73301-
a61e-4d9e-9410-addf01e1e56a
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SM_V9_ZSR	iris	exon	14925755	14925946	.
	+	.
Parent=Smp_306210.1;Name=9502ce56-6450-446e-898a-81985a8d0426
SM_V9_ZSR	iris	CDS	14922462	14922587	.
	+	0	Parent=Smp_306210.1
SM_V9_ZSR	iris	CDS	14922638	14922843	.
	+	0	Parent=Smp_306210.1
SM_V9_ZSR	iris	CDS	14922897	14922997	.
	+	1	Parent=Smp_306210.1
SM_V9_ZSR	iris	CDS	14924333	14924451	.
	+	2	Parent=Smp_306210.1
SM_V9_ZSR	iris	CDS	14925755	14925826	.
	+	0	Parent=Smp_306210.1
SM_V9_ZSR	Liftoff	gene	14947660	14948278	.
	+	.	ID=Smp_044580;geneID=Smp_044580
SM_V9_ZSR	Liftoff	mRNA	14947660	14948278	.
	+	.
ID=Smp_044580.1;Parent=Smp_044580;geneID=Smp_044580;product=60S
ribosomal protein
L30;polypeptide_domain=InterPro:IPR000231,IPR004038,IPR022991,IPR029
064
Pfam:PF01248;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_ZSR	Liftoff	exon	14947660	14947750	.
	+	.	Parent=Smp_044580.1
SM_V9_ZSR	Liftoff	exon	14947791	14947933	.
	+	.	Parent=Smp_044580.1
SM_V9_ZSR	Liftoff	exon	14948042	14948172	.
	+	.	Parent=Smp_044580.1
SM_V9_ZSR	Liftoff	exon	14948208	14948278	.
	+	.	Parent=Smp_044580.1
SM_V9_ZSR	Liftoff	CDS	14947709	14947750	.
	+	0	Parent=Smp_044580.1
SM_V9_ZSR	Liftoff	CDS	14947791	14947933	.
	+	0	Parent=Smp_044580.1
SM_V9_ZSR	Liftoff	CDS	14948042	14948172	.
	+	1	Parent=Smp_044580.1
SM_V9_ZSR	Liftoff	CDS	14948208	14948257	.
	+	2	Parent=Smp_044580.1
SM_V9_ZSR	iris	gene	14949305	14959126	.
	-	.
ID=Smp_146200;geneID=Smp_146200;gene_name=Smp_146200;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	14949305	14959126	.
	-	.
ID=Smp_146200.1;Parent=Smp_146200;geneID=Smp_146200;gene_name=Smp_14
6200;owner=irisadmin@local.host;orig_id=Smp_146200.1;date_last_modif
ied=2022-07-18;Name=Smp_146200.1;product=Lipoma-preferred partner
homolog;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	14949305	14950633	.
	-	.	Parent=Smp_146200.1;Name=daede3e6-bc82-44b0-
b06a-ce155bfc06d3
SM_V9_ZSR	iris	exon	14957741	14958200	.
	-	.	Parent=Smp_146200.1;Name=6f42743c-84d9-4e49-
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a469-39953675c330
SM_V9_ZSR       iris    exon    14958924        14959126        .
        -       .       Parent=Smp_146200.1;Name=f91b3ee3-97ec-462a-
b408-5fe9e368ac6e
SM_V9_ZSR       iris    CDS     14949807        14950633        .
        -       2       Parent=Smp_146200.1
SM_V9_ZSR       iris    CDS     14957741        14958200        .
        -       0       Parent=Smp_146200.1
SM_V9_ZSR       iris    CDS     14958924        14959082        .
        -       0       Parent=Smp_146200.1
SM_V9_ZSR       Liftoff gene    14964700        14965116        .
        -       .       ID=Smp_146190;geneID=Smp_146190
SM_V9_ZSR       Liftoff mRNA    14964700        14965116        .
        -       .
ID=Smp_146190.1;Parent=Smp_146190;geneID=Smp_146190;product=40S
ribosomal protein
S21;polypeptide_domain=InterPro:IPR001931,IPR038579
Pfam:PF01249;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_ZSR       Liftoff exon    14964700        14964768        .
        -       .       Parent=Smp_146190.1
SM_V9_ZSR       Liftoff exon    14964805        14964860        .
        -       .       Parent=Smp_146190.1
SM_V9_ZSR       Liftoff exon    14964894        14965116        .
        -       .       Parent=Smp_146190.1
SM_V9_ZSR       Liftoff CDS     14964741        14964768        .
        -       1       Parent=Smp_146190.1
SM_V9_ZSR       Liftoff CDS     14964805        14964860        .
        -       0       Parent=Smp_146190.1
SM_V9_ZSR       Liftoff CDS     14964894        14965082        .
        -       0       Parent=Smp_146190.1
SM_V9_ZSR       Liftoff gene    14992196        14992770        .
        +       .       ID=Smp_044560;geneID=Smp_044560
SM_V9_ZSR       Liftoff mRNA    14992196        14992770        .
        +       .
ID=Smp_044560.1;Parent=Smp_044560;geneID=Smp_044560;product=Protein
phosphatase 1A
SM_V9_ZSR       Liftoff exon    14992196        14992770        .
        +       .       Parent=Smp_044560.1
SM_V9_ZSR       Liftoff CDS     14992245        14992529        .
        +       0       Parent=Smp_044560.1
SM_V9_ZSR       iris    gene    15035425        15038763        .
        +       .
ID=Smp_044550;geneID=Smp_044550;gene_name=Smp_044550;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    15035425        15038763        .
        +       .
ID=Smp_044550.2;Parent=Smp_044550;geneID=Smp_044550;gene_name=Smp_04
4550;owner=irisadmin@local.host;orig_id=Smp_044550.1;date_last_modif
ied=2022-07-18;Name=Smp_044550.2;product=Far upstream element-
binding protein 2;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    15035425        15035504        .
        +       .
Parent=Smp_044550.2;Name=e2ebfde0-31cd-4c8c-863f-7181bbfc65bd
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SM_V9_ZSR	iris	exon	15035547	15035832	.
	+	.	Parent=Smp_044550.2;Name=b85a2a28-5de8-4e0c-
a9cc-cfe671866931
SM_V9_ZSR	iris	exon	15035870	15035941	.
	+	.	Parent=Smp_044550.2;Name=ecbfe41e-a471-4f9b-
b635-1c86f7f101b1
SM_V9_ZSR	iris	exon	15035974	15036025	.
	+	.
Parent=Smp_044550.2;Name=50bcfa00-58f1-4a28-8c47-85b2a3cd020c
SM_V9_ZSR	iris	exon	15036057	15036369	.
	+	.	Parent=Smp_044550.2;Name=daf255f1-
d2b4-479c-81df-f51d8f9fd850
SM_V9_ZSR	iris	exon	15036403	15036629	.
	+	.	Parent=Smp_044550.2;Name=081e24f6-00f1-4a4c-
b249-9cd2c1960805
SM_V9_ZSR	iris	exon	15036834	15036931	.
	+	.	Parent=Smp_044550.2;Name=674ec8bd-
b2f2-42ad-8ac4-5971cb802ab9
SM_V9_ZSR	iris	exon	15037372	15037673	.
	+	.	Parent=Smp_044550.2;Name=51c7f461-
ce6a-43aa-89d4-2b9f5ee98b30
SM_V9_ZSR	iris	exon	15038604	15038763	.
	+	.	Parent=Smp_044550.2;Name=72573f24-9747-4577-
b9d1-c7fe04a2e46c
SM_V9_ZSR	iris	CDS	15035457	15035504	.
	+	0	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15035547	15035832	.
	+	0	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15035870	15035941	.
	+	2	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15035974	15036025	.
	+	2	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15036057	15036369	.
	+	1	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15036403	15036629	.
	+	0	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15036834	15036931	.
	+	1	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15037372	15037673	.
	+	2	Parent=Smp_044550.2
SM_V9_ZSR	iris	CDS	15038604	15038663	.
	+	0	Parent=Smp_044550.2
SM_V9_ZSR	iris	mRNA	15035431	15038117	.
	+	.
ID=Smp_044550.1;Parent=Smp_044550;geneID=Smp_044550;gene_name=Smp_04
4550;owner=irisadmin@local.host;orig_id=Smp_044550.2;date_last_modif
ied=2022-07-18;Name=Smp_044550.1;product=Far upstream element-
binding protein 2;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	15035431	15035504	.
	+	.	Parent=Smp_044550.1;Name=672e3ef3-
dff0-4b53-8909-544cefd1f736
SM_V9_ZSR	iris	exon	15035547	15035832	.
	+	.	Parent=Smp_044550.1;Name=968b1013-1cb0-4681-
a911-07e5c26a0caf
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SM_V9_ZSR	iris	exon	15035870	15035941	.
	+	.	Parent=Smp_044550.1;Name=e0884c4e-229f-4d0b-
b789-41c16d740d32
SM_V9_ZSR	iris	exon	15035974	15036025	.
	+	.	Parent=Smp_044550.1;Name=0a71425e-f050-4200-
b053-6b0761b56af4
SM_V9_ZSR	iris	exon	15036057	15036369	.
	+	.	Parent=Smp_044550.1;Name=9ab1652f-
ce32-4d29-9683-c433eeaaf272
SM_V9_ZSR	iris	exon	15036403	15036629	.
	+	.
Parent=Smp_044550.1;Name=42aac4c2-0a97-478e-82c0-38a96fb6f614
SM_V9_ZSR	iris	exon	15036834	15036931	.
	+	.	Parent=Smp_044550.1;Name=8e0dd4b3-
e429-4375-819b-fdf2bd6006ca
SM_V9_ZSR	iris	exon	15037372	15037673	.
	+	.	Parent=Smp_044550.1;Name=239de333-3b71-477a-
abb0-3ac2865e5f61
SM_V9_ZSR	iris	exon	15037839	15038117	.
	+	.	Parent=Smp_044550.1;Name=16520d60-6ac3-4674-
b89f-011d72d1152f
SM_V9_ZSR	iris	CDS	15035457	15035504	.
	+	0	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15035547	15035832	.
	+	0	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15035870	15035941	.
	+	2	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15035974	15036025	.
	+	2	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15036057	15036369	.
	+	1	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15036403	15036629	.
	+	0	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15036834	15036931	.
	+	1	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15037372	15037673	.
	+	2	Parent=Smp_044550.1
SM_V9_ZSR	iris	CDS	15037839	15038030	.
	+	0	Parent=Smp_044550.1
SM_V9_ZSR	iris	gene	15043216	15055195	.
	+	.
ID=Smp_343920;geneID=Smp_343920;gene_name=Smp_343920;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR	iris	mRNA	15043216	15055195	.
	+	.
ID=Smp_343920.1;Parent=Smp_343920;geneID=Smp_343920;gene_name=Smp_34
3920;owner=irisadmin@local.host;orig_id=Smp_343920.1;date_last_modif
ied=2022-09-30;Name=Smp_343920.1;product=Lysosomal acid lipase/
cholesteryl ester hydrolase;date_creation=2022-09-30
SM_V9_ZSR	iris	exon	15043216	15043396	.
	+	.
Parent=Smp_343920.1;Name=1d7a0b70-63be-465f-9253-e31a6a204936
SM_V9_ZSR	iris	exon	15043441	15043552	.
	+	.
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Parent=Smp_343920.1;Name=ce4f5a0d-7416-47c0-9641-de88b78916f4
SM_V9_ZSR       iris    exon    15043635        15043927        .
        +       .
Parent=Smp_343920.1;Name=deaa6994-7ac8-4e11-9e5c-ca2b1b52f458
SM_V9_ZSR       iris    exon    15046707        15046872        .
        +       .
Parent=Smp_343920.1;Name=87ad486f-7e29-4738-8a88-3c4fe6e47d56
SM_V9_ZSR       iris    exon    15046877        15047004        .
        +       .
Parent=Smp_343920.1;Name=13343949-965f-4e4c-97fe-49a1ce0c8822
SM_V9_ZSR       iris    exon    15048164        15048235        .
        +       .       Parent=Smp_343920.1;Name=ce2925f6-9dfb-45ed-
baa2-118d3418f43f
SM_V9_ZSR       iris    exon    15051916        15052455        .
        +       .       Parent=Smp_343920.1;Name=c124101f-eb00-4c0c-
ae4c-af87270cbec6
SM_V9_ZSR       iris    exon    15054894        15055195        .
        +       .       Parent=Smp_343920.1;Name=d63d14f2-44b6-4f9e-
bad4-65c50fc3b740
SM_V9_ZSR       iris    CDS     15043289        15043396        .
        +       0       Parent=Smp_343920.1
SM_V9_ZSR       iris    CDS     15043441        15043552        .
        +       0       Parent=Smp_343920.1
SM_V9_ZSR       iris    CDS     15043635        15043927        .
        +       2       Parent=Smp_343920.1
SM_V9_ZSR       iris    CDS     15046707        15046872        .
        +       0       Parent=Smp_343920.1
SM_V9_ZSR       iris    CDS     15046877        15047004        .
        +       2       Parent=Smp_343920.1
SM_V9_ZSR       iris    CDS     15048164        15048235        .
        +       0       Parent=Smp_343920.1
SM_V9_ZSR       iris    CDS     15051916        15052224        .
        +       0       Parent=Smp_343920.1
SM_V9_ZSR       iris    gene    15059162        15073485        .
        -       .
ID=Smp_044530;geneID=Smp_044530;gene_name=Smp_044530;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    15059162        15073485        .
        -       .
ID=Smp_044530.1;Parent=Smp_044530;geneID=Smp_044530;gene_name=Smp_04
4530;owner=irisadmin@local.host;orig_id=Smp_044530.1;date_last_modif
ied=2022-07-18;Name=Smp_044530.1;product=GRB2-related adapter
protein;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    15059162        15060502        .
        -       .       Parent=Smp_044530.1;Name=2a49fe17-
cc7e-4432-8744-1fca652490f8
SM_V9_ZSR       iris    exon    15067381        15067546        .
        -       .       Parent=Smp_044530.1;Name=641559bb-bc19-42b9-
a06f-9e025d7e1198
SM_V9_ZSR       iris    exon    15068740        15069095        .
        -       .       Parent=Smp_044530.1;Name=6b2f0884-dc6d-480e-
bef1-22b3d71aa976
SM_V9_ZSR       iris    exon    15073370        15073485        .
        -       .       Parent=Smp_044530.1;Name=89ac9fa4-640f-40ee-
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abbb-6fdfcbaca5aa
SM_V9_ZSR       iris    CDS     15060038        15060502        .
        -       0       Parent=Smp_044530.1
SM_V9_ZSR       iris    CDS     15067381        15067546        .
        -       1       Parent=Smp_044530.1
SM_V9_ZSR       iris    CDS     15068740        15069062        .
        -       0       Parent=Smp_044530.1
SM_V9_ZSR       Liftoff gene    15088317        15093140        .
        +       .       ID=Smp_044520;geneID=Smp_044520
SM_V9_ZSR       Liftoff mRNA    15088317        15093140        .
        +       .
ID=Smp_044520.1;Parent=Smp_044520;geneID=Smp_044520;product=Vimentin
-type intermediate filament-associated coiled-coil protein
SM_V9_ZSR       Liftoff exon    15088317        15090632        .
        +       .       Parent=Smp_044520.1
SM_V9_ZSR       Liftoff exon    15091959        15093140        .
        +       .       Parent=Smp_044520.1
SM_V9_ZSR       Liftoff CDS     15090477        15090632        .
        +       0       Parent=Smp_044520.1
SM_V9_ZSR       Liftoff CDS     15091959        15092402        .
        +       0       Parent=Smp_044520.1
SM_V9_ZSR       iris    gene    15100047        15129083        .
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ID=Smp_210940;geneID=Smp_210940;gene_name=Smp_210940;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    15100047        15129083        .
        +       .
ID=Smp_210940.1;Parent=Smp_210940;geneID=Smp_210940;gene_name=Smp_21
0940;owner=irisadmin@local.host;orig_id=Smp_210940.1;date_last_modif
ied=2022-07-18;Name=Smp_210940.1;product=DNA polymerase epsilon
catalytic subunit A;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    15100047        15101271        .
        +       .
Parent=Smp_210940.1;Name=1e31c428-3292-4ba7-9045-9a87f450081f
SM_V9_ZSR       iris    exon    15102619        15103629        .
        +       .       Parent=Smp_210940.1;Name=fddf1268-6421-43fe-
a724-668821a9c487
SM_V9_ZSR       iris    exon    15105189        15105740        .
        +       .       Parent=Smp_210940.1;Name=1c5138b4-
e9c1-4372-80ef-d55aa623f043
SM_V9_ZSR       iris    exon    15107167        15107418        .
        +       .       Parent=Smp_210940.1;Name=25183af8-e283-4418-
b1a7-664f10993b1c
SM_V9_ZSR       iris    exon    15109593        15110336        .
        +       .
Parent=Smp_210940.1;Name=004584ea-2b23-46cf-825f-760e1dfcb2c3
SM_V9_ZSR       iris    exon    15110865        15111557        .
        +       .       Parent=Smp_210940.1;Name=dfcd7376-f68d-443e-
b051-d1d95012c97b
SM_V9_ZSR       iris    exon    15114072        15114680        .
        +       .       Parent=Smp_210940.1;Name=a88362d7-8860-42ce-
bf3c-18c3cc48b28a
SM_V9_ZSR       iris    exon    15115232        15115807        .
        +       .       Parent=Smp_210940.1;Name=21b853cd-4052-4677-
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aac9-de34b42e1acb
SM_V9_ZSR       iris    exon    15116468        15116758        .
        +       .       Parent=Smp_210940.1;Name=71cca223-08d4-497e-
a852-d0b4d99b8301
SM_V9_ZSR       iris    exon    15118440        15118693        .
        +       .       Parent=Smp_210940.1;Name=19dee362-9c79-4d8b-
a0c4-d5c780b00bbc
SM_V9_ZSR       iris    exon    15120238        15120391        .
        +       .       Parent=Smp_210940.1;Name=ee0df715-5ee9-4c1e-
a8a4-bf5f6164ccd8
SM_V9_ZSR       iris    exon    15121448        15121690        .
        +       .       Parent=Smp_210940.1;Name=e9fb90f8-fb2e-4018-
b066-621a1967a3ff
SM_V9_ZSR       iris    exon    15124682        15124972        .
        +       .       Parent=Smp_210940.1;Name=c98cc300-c8d5-423b-
bde4-86d11622bc53
SM_V9_ZSR       iris    exon    15125171        15125641        .
        +       .
Parent=Smp_210940.1;Name=c5242bc4-05f4-4cc6-9520-4baf7fadb2d8
SM_V9_ZSR       iris    exon    15127070        15127495        .
        +       .       Parent=Smp_210940.1;Name=c9e69345-440f-4743-
b62f-5a1551c4981b
SM_V9_ZSR       iris    exon    15128688        15129083        .
        +       .       Parent=Smp_210940.1;Name=aba02f0e-e569-4e76-
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SM_V9_ZSR       iris    CDS     15100321        15101271        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15102619        15103629        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15105189        15105740        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15107167        15107418        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15109593        15110336        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15110865        15111557        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15114072        15114680        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15115232        15115807        .
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SM_V9_ZSR       iris    CDS     15116468        15116758        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15118440        15118693        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15120238        15120391        .
        +       1       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15121448        15121690        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15124682        15124972        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15125171        15125641        .
        +       0       Parent=Smp_210940.1
SM_V9_ZSR       iris    CDS     15127070        15127495        .
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        +       0       Parent=Smp_210940.1
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        +       0       Parent=Smp_210940.1
SM_V9_ZSR       Liftoff gene    15130168        15145986        .
        +       .
ID=Smp_210950;geneID=Smp_210950;previous_systematic_id=Smp_146170
SM_V9_ZSR       Liftoff mRNA    15130168        15145986        .
        +       .
ID=Smp_210950.1;Parent=Smp_210950;geneID=Smp_210950;product=Zinc
transporter ZIP11;polypeptide_domain=InterPro:IPR003689
Pfam:PF02535;Ontology_term=GO:0016020,GO:0030001,GO:0046873,GO:00550
85
SM_V9_ZSR       Liftoff exon    15130168        15130352        .
        +       .       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff exon    15132606        15132644        .
        +       .       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff exon    15133357        15133515        .
        +       .       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff exon    15134705        15134783        .
        +       .       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff exon    15139490        15139760        .
        +       .       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff exon    15140474        15140572        .
        +       .       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff exon    15143573        15143731        .
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SM_V9_ZSR       Liftoff exon    15145445        15145986        .
        +       .       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15130233        15130352        .
        +       0       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15132606        15132644        .
        +       0       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15133357        15133515        .
        +       0       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15134705        15134783        .
        +       0       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15139490        15139760        .
        +       2       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15140474        15140572        .
        +       1       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15143573        15143731        .
        +       1       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff CDS     15145445        15145526        .
        +       1       Parent=Smp_210950.1
SM_V9_ZSR       Liftoff gene    15168537        15178799        .
        -       .       ID=Smp_322500;geneID=Smp_322500
SM_V9_ZSR       Liftoff mRNA    15168537        15178799        .
        -       .
ID=Smp_322500.1;Parent=Smp_322500;geneID=Smp_322500;product=Zinc
transporter ZIP11;polypeptide_domain=InterPro:IPR003689
Pfam:PF02535;Ontology_term=GO:0016020,GO:0030001,GO:0046873,GO:00550
85
SM_V9_ZSR       Liftoff exon    15168537        15169079        .
        -       .       Parent=Smp_322500.1
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SM_V9_ZSR	Liftoff	exon	15170793	15170951	.
	-	.	Parent=Smp_322500.1
SM_V9_ZSR	Liftoff	exon	15173943	15174041	.
	-	.	Parent=Smp_322500.1
SM_V9_ZSR	Liftoff	exon	15174755	15178799	.
	-	.	Parent=Smp_322500.1
SM_V9_ZSR	Liftoff	CDS	15168998	15169079	.
	-	1	Parent=Smp_322500.1
SM_V9_ZSR	Liftoff	CDS	15170793	15170951	.
	-	1	Parent=Smp_322500.1
SM_V9_ZSR	Liftoff	CDS	15173943	15174041	.
	-	1	Parent=Smp_322500.1
SM_V9_ZSR	Liftoff	CDS	15174755	15175023	.
	-	0	Parent=Smp_322500.1
SM_V9_ZSR	iris	gene	15191977	15204524	.
	+	.
ID=Smp_209030;geneID=Smp_209030;gene_name=Smp_209030;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	15191977	15204524	.
	+	.
ID=Smp_209030.1;Parent=Smp_209030;geneID=Smp_209030;gene_name=Smp_20
9030;owner=irisadmin@local.host;orig_id=Smp_209030.2;date_last_modif
ied=2022-08-02;Name=Smp_209030.1;product=Translation initiation
factor eIF-2B subunit gamma;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	15191977	15192021	.
	+	.
Parent=Smp_209030.1;Name=6adab2a1-6876-4036-9971-32d31f0de52f
SM_V9_ZSR	iris	exon	15192707	15193350	.
	+	.
Parent=Smp_209030.1;Name=287da6ec-8889-4534-96b8-68c903fb808f
SM_V9_ZSR	iris	exon	15193388	15193463	.
	+	.	Parent=Smp_209030.1;Name=9cd03cef-
d136-45e5-83ce-37ac41904768
SM_V9_ZSR	iris	exon	15193500	15193657	.
	+	.	Parent=Smp_209030.1;Name=24dbfc68-3fca-4ec5-
a921-5d6dbdd92448
SM_V9_ZSR	iris	exon	15199450	15199640	.
	+	.
Parent=Smp_209030.1;Name=c03eadcc-3c16-4f6a-8947-28a2ee6b328f
SM_V9_ZSR	iris	exon	15204293	15204524	.
	+	.
Parent=Smp_209030.1;Name=fc1e408f-9659-474c-8ce7-c19f24f1240b
SM_V9_ZSR	iris	CDS	15192709	15193350	.
	+	0	Parent=Smp_209030.1
SM_V9_ZSR	iris	CDS	15193388	15193463	.
	+	0	Parent=Smp_209030.1
SM_V9_ZSR	iris	CDS	15193500	15193657	.
	+	2	Parent=Smp_209030.1
SM_V9_ZSR	iris	CDS	15199450	15199640	.
	+	0	Parent=Smp_209030.1
SM_V9_ZSR	iris	CDS	15204293	15204452	.
	+	1	Parent=Smp_209030.1
SM_V9_ZSR	iris	gene	15209355	15221603	.
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ID=Smp_044470;geneID=Smp_044470;gene_name=Smp_044470;owner=irisadmin
@local.host;date_last_modified=2022-11-07;date_creation=2022-11-07
SM_V9_ZSR       iris    mRNA    15209355        15221603        .
        -       .
ID=Smp_044470.1;Parent=Smp_044470;geneID=Smp_044470;gene_name=Smp_04
4470;owner=irisadmin@local.host;orig_id=Smp_044470.1;date_last_modif
ied=2022-11-07;Name=Smp_044470.1;product=ARL14 effector
protein;date_creation=2022-11-07
SM_V9_ZSR       iris    exon    15209355        15209845        .
        -       .       Parent=Smp_044470.1;Name=df9b12a3-7b33-46ee-
b49b-c883b354d724
SM_V9_ZSR       iris    exon    15217519        15217687        .
        -       .       Parent=Smp_044470.1;Name=1565d071-
e6bc-443a-855a-60e8a197a87b
SM_V9_ZSR       iris    exon    15220703        15221603        .
        -       .       Parent=Smp_044470.1;Name=a258aeee-8fee-4b8e-
bfac-0605a5d7393d
SM_V9_ZSR       iris    CDS     15209828        15209845        .
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SM_V9_ZSR       iris    CDS     15217519        15217687        .
        -       1       Parent=Smp_044470.1
SM_V9_ZSR       iris    CDS     15220703        15221043        .
        -       0       Parent=Smp_044470.1
SM_V9_ZSR       iris    gene    15224891        15234883        .
        -       .
ID=Smp_350450;geneID=Smp_350450;gene_name=Smp_350450;owner=irisadmin
@local.host;date_last_modified=2022-11-04;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    15224891        15234883        .
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ID=Smp_350450.1;Parent=Smp_350450;geneID=Smp_350450;gene_name=Smp_35
0450;owner=irisadmin@local.host;orig_id=Smp_044470.4;date_last_modif
ied=2022-11-04;Name=Smp_350450.1;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    15224891        15225840        .
        -       .       Parent=Smp_350450.1;Name=2cb246b9-656d-4b4d-
b531-f3bc4beaf898
SM_V9_ZSR       iris    exon    15231558        15231997        .
        -       .       Parent=Smp_350450.1;Name=f831f28b-
ec09-4782-8491-dbb84c345aa1
SM_V9_ZSR       iris    exon    15234690        15234883        .
        -       .       Parent=Smp_350450.1;Name=f009b2b6-f577-446e-
bdaa-c4dbbc962c50
SM_V9_ZSR       iris    CDS     15225622        15225840        .
        -       0       Parent=Smp_350450.1
SM_V9_ZSR       iris    CDS     15231558        15231629        .
        -       0       Parent=Smp_350450.1
SM_V9_ZSR       iris    gene    15257552        15296061        .
        +       .
ID=Smp_146160;geneID=Smp_146160;gene_name=Smp_146160;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    15257552        15296061        .
        +       .
ID=Smp_146160.1;Parent=Smp_146160;geneID=Smp_146160;gene_name=Smp_14
6160;owner=irisadmin@local.host;orig_id=Smp_146160.1;date_last_modif
ied=2022-09-30;Name=Smp_146160.1;product=Fanconi anemia group D2
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protein;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    15257552        15257669        .
        +       .       Parent=Smp_146160.1;Name=24ba1e2e-d85d-4d6d-
a6f7-1b276c7e57b0
SM_V9_ZSR       iris    exon    15259242        15260481        .
        +       .       Parent=Smp_146160.1;Name=5daf8bad-
e9f5-4cdf-9a68-8407ae64e14c
SM_V9_ZSR       iris    exon    15262903        15263739        .
        +       .       Parent=Smp_146160.1;Name=ea026b13-cac4-49e1-
befd-e47643c7f1ba
SM_V9_ZSR       iris    exon    15265290        15265485        .
        +       .
Parent=Smp_146160.1;Name=da844b1f-813a-4176-874b-a3f662435dcf
SM_V9_ZSR       iris    exon    15268117        15268575        .
        +       .
Parent=Smp_146160.1;Name=336dd1b7-9ec4-48e1-9bbf-b0de4f6bad02
SM_V9_ZSR       iris    exon    15271917        15272160        .
        +       .
Parent=Smp_146160.1;Name=e99057dc-6754-47df-8953-8c93f27efcad
SM_V9_ZSR       iris    exon    15273952        15274543        .
        +       .       Parent=Smp_146160.1;Name=2288529a-cba3-486e-
bb0d-dffaa80c6961
SM_V9_ZSR       iris    exon    15276916        15277243        .
        +       .
Parent=Smp_146160.1;Name=2447254a-640f-495a-8eee-6f8af436a3fe
SM_V9_ZSR       iris    exon    15285991        15286184        .
        +       .       Parent=Smp_146160.1;Name=8e5149ca-
ed3b-4e66-9c93-0c91750b9870
SM_V9_ZSR       iris    exon    15287674        15287807        .
        +       .       Parent=Smp_146160.1;Name=f765f052-a659-4efd-
b044-02befe591013
SM_V9_ZSR       iris    exon    15287888        15288484        .
        +       .       Parent=Smp_146160.1;Name=a65a77cd-
b2b4-4a58-8a50-7831862a65f6
SM_V9_ZSR       iris    exon    15290197        15290387        .
        +       .       Parent=Smp_146160.1;Name=e2c54a29-
c4c4-4a7d-8dcb-c64f7948bccc
SM_V9_ZSR       iris    exon    15290764        15290833        .
        +       .
Parent=Smp_146160.1;Name=977fb4fc-1498-4ff8-8fc6-cad29db6a89d
SM_V9_ZSR       iris    exon    15292424        15292697        .
        +       .       Parent=Smp_146160.1;Name=4a8a97d2-
ef9f-4f64-8658-e055a8e9753d
SM_V9_ZSR       iris    exon    15293529        15293819        .
        +       .       Parent=Smp_146160.1;Name=816bdfaa-c348-411b-
a25c-eef5d8f77b5d
SM_V9_ZSR       iris    exon    15294970        15295132        .
        +       .
Parent=Smp_146160.1;Name=f935f3e5-2a1a-4161-922d-2dd876c104c1
SM_V9_ZSR       iris    exon    15295521        15296061        .
        +       .       Parent=Smp_146160.1;Name=27ba63ef-4359-4a4d-
acfa-bac4c162a20e
SM_V9_ZSR       iris    CDS     15259280        15260481        .
        +       0       Parent=Smp_146160.1
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SM_V9_ZSR       iris    CDS     15262903        15263739        .
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SM_V9_ZSR       iris    CDS     15265290        15265485        .
        +       1       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15268117        15268575        .
        +       0       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15271917        15272160        .
        +       0       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15273952        15274543        .
        +       2       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15276916        15277243        .
        +       1       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15285991        15286184        .
        +       0       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15287674        15287807        .
        +       1       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15287888        15288484        .
        +       2       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15290197        15290387        .
        +       2       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15290764        15290833        .
        +       0       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15292424        15292697        .
        +       2       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15293529        15293819        .
        +       1       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15294970        15295132        .
        +       1       Parent=Smp_146160.1
SM_V9_ZSR       iris    CDS     15295521        15295904        .
        +       0       Parent=Smp_146160.1
SM_V9_ZSR       iris    gene    15316572        15326005        .
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ID=Smp_146150;geneID=Smp_146150;gene_name=Smp_146150;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    15316572        15326005        .
        +       .
ID=Smp_146150.1;Parent=Smp_146150;geneID=Smp_146150;gene_name=Smp_14
6150;owner=irisadmin@local.host;orig_id=Smp_146150.1;date_last_modif
ied=2022-09-30;Name=Smp_146150.1;product=Dexamethasone-induced Ras-
related protein 1;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    15316572        15316650        .
        +       .
Parent=Smp_146150.1;Name=b040ef5c-36c7-4fe2-8962-7130fd26ca6f
SM_V9_ZSR       iris    exon    15324558        15326005        .
        +       .
Parent=Smp_146150.1;Name=e0ab0583-7e92-4868-81d7-79e64410e0b8
SM_V9_ZSR       iris    CDS     15324589        15325671        .
        +       0       Parent=Smp_146150.1
SM_V9_ZSR       iris    mRNA    15316572        15326005        .
        +       .
ID=Smp_146150.2;Parent=Smp_146150;geneID=Smp_146150;gene_name=Smp_14
6150;owner=irisadmin@local.host;date_last_modified=2022-09-30;Name=S
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SM_V9_ZSR       iris    exon    15316572        15316650        .
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        +       .       Parent=Smp_146150.2;Name=e1f39204-ca9c-446f-
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SM_V9_ZSR       iris    exon    15317742        15317898        .
        +       .       Parent=Smp_146150.2;Name=c61299a2-
d803-4239-96b6-861211656f0f
SM_V9_ZSR       iris    exon    15324558        15326005        .
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Parent=Smp_146150.2;Name=0ab6c6c8-7053-4e6d-921e-d3ae3e34f6b5
SM_V9_ZSR       iris    CDS     15324589        15325671        .
        +       0       Parent=Smp_146150.2
SM_V9_ZSR       iris    gene    15357507        15390985        .
        -       .
ID=Smp_146140;geneID=Smp_146140;gene_name=Smp_146140;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    15357507        15390985        .
        -       .
ID=Smp_146140.1;Parent=Smp_146140;geneID=Smp_146140;gene_name=Smp_14
6140;owner=irisadmin@local.host;orig_id=Smp_146140.2;date_last_modif
ied=2022-07-18;Name=Smp_146140.1;product=Presequence protease,
mitochondrial;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    15357507        15358053        .
        -       .
Parent=Smp_146140.1;Name=9dcec591-3d06-4c55-80a1-99b0a8e202e8
SM_V9_ZSR       iris    exon    15359373        15359487        .
        -       .
Parent=Smp_146140.1;Name=74edcd86-7655-4975-9cde-3e6fa7adf4f7
SM_V9_ZSR       iris    exon    15360790        15360858        .
        -       .
Parent=Smp_146140.1;Name=75b72692-4806-4e9a-9aee-b489b8ab1fd9
SM_V9_ZSR       iris    exon    15363815        15363868        .
        -       .
Parent=Smp_146140.1;Name=16d2c863-2612-476e-88c1-292792bc86d3
SM_V9_ZSR       iris    exon    15363974        15364210        .
        -       .
Parent=Smp_146140.1;Name=656e6186-030f-4829-89cc-5b4e531203c6
SM_V9_ZSR       iris    exon    15364936        15365146        .
        -       .
Parent=Smp_146140.1;Name=392b6f2e-783f-4a87-8756-21b78ed213ec
SM_V9_ZSR       iris    exon    15366030        15366331        .
        -       .       Parent=Smp_146140.1;Name=bad1ba92-a834-43df-
ad5c-1f88dd670869
SM_V9_ZSR       iris    exon    15369018        15369150        .
        -       .       Parent=Smp_146140.1;Name=8a94c90c-8c72-4209-
b776-b7b37dd79004
SM_V9_ZSR       iris    exon    15370331        15370444        .
        -       .       Parent=Smp_146140.1;Name=cb6cad6d-
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SM_V9_ZSR       iris    exon    15371778        15371916        .
        -       .       Parent=Smp_146140.1;Name=a1533008-afdf-4088-
b81e-ec0b2888b139
SM_V9_ZSR       iris    exon    15372569        15372800        .
        -       .
Parent=Smp_146140.1;Name=cf810620-9a1d-4a97-951d-93c68149d9ed
SM_V9_ZSR       iris    exon    15378144        15378389        .
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        -       .       Parent=Smp_146140.1;Name=69c7c0ff-
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SM_V9_ZSR       iris    exon    15380948        15381036        .
        -       .       Parent=Smp_146140.1;Name=5615db54-25c6-49ed-
a393-8ea5d70856e4
SM_V9_ZSR       iris    exon    15382341        15382467        .
        -       .
Parent=Smp_146140.1;Name=1f600833-51e9-4546-9eeb-ccf346d6450c
SM_V9_ZSR       iris    exon    15385882        15386039        .
        -       .       Parent=Smp_146140.1;Name=a9cf752e-f196-463e-
a8ed-ba7da5d00935
SM_V9_ZSR       iris    exon    15386868        15386964        .
        -       .       Parent=Smp_146140.1;Name=d9737d2d-
e1e3-4fc0-903a-d9a98c1ef903
SM_V9_ZSR       iris    exon    15386999        15387113        .
        -       .
Parent=Smp_146140.1;Name=27b527eb-83e1-4dcf-9faa-77ee0c739f96
SM_V9_ZSR       iris    exon    15387150        15387301        .
        -       .
Parent=Smp_146140.1;Name=fb2ea88a-8622-4870-8fc0-55a7318053f7
SM_V9_ZSR       iris    exon    15387338        15387444        .
        -       .       Parent=Smp_146140.1;Name=225e96c7-95d4-4ece-
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SM_V9_ZSR       iris    exon    15387480        15387617        .
        -       .       Parent=Smp_146140.1;Name=9de729d4-f4b9-4f69-
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SM_V9_ZSR       iris    exon    15390935        15390985        .
        -       .       Parent=Smp_146140.1;Name=4e4cba31-
b306-4dd2-84ff-9c35e30a2a41
SM_V9_ZSR       iris    CDS     15357775        15358053        .
        -       0       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15359373        15359487        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15360790        15360858        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15363815        15363868        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15363974        15364210        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15364936        15365146        .
        -       2       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15366030        15366331        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15369018        15369150        .
        -       2       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15370331        15370444        .
        -       2       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15371778        15371916        .
        -       0       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15372569        15372800        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15378144        15378389        .
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SM_V9_ZSR       iris    CDS     15380948        15381036        .
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        -       0       Parent=Smp_146140.1
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SM_V9_ZSR       iris    CDS     15385882        15386039        .
        -       0       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15386868        15386964        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15386999        15387113        .
        -       2       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15387150        15387301        .
        -       1       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15387338        15387444        .
        -       0       Parent=Smp_146140.1
SM_V9_ZSR       iris    CDS     15387480        15387542        .
        -       0       Parent=Smp_146140.1
SM_V9_ZSR       iris    gene    15408112        15417591        .
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ID=Smp_044440;geneID=Smp_044440;gene_name=Smp_044440;owner=irisadmin
@local.host;date_last_modified=2022-08-23;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    15408112        15417591        .
        +       .
ID=Smp_044440.1;Parent=Smp_044440;geneID=Smp_044440;gene_name=Smp_04
4440;owner=irisadmin@local.host;orig_id=Smp_044440.1;date_last_modif
ied=2022-08-23;Name=Smp_044440.1;product=Alcohol dehydrogenase
class-3;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    15408112        15408168        .
        +       .
Parent=Smp_044440.1;Name=1388579f-9961-4243-96f3-f9299d63c2b7
SM_V9_ZSR       iris    exon    15408201        15408532        .
        +       .       Parent=Smp_044440.1;Name=30ce78db-4613-45dd-
b1b3-7c2fd9520814
SM_V9_ZSR       iris    exon    15408565        15408782        .
        +       .       Parent=Smp_044440.1;Name=490dfb63-
cd79-4fa7-9022-bb342a07b275
SM_V9_ZSR       iris    exon    15408826        15409019        .
        +       .       Parent=Smp_044440.1;Name=53b5bd25-
d9c9-4a4b-9422-0baef072e3c7
SM_V9_ZSR       iris    exon    15410531        15410735        .
        +       .
Parent=Smp_044440.1;Name=f74c339a-5fde-4735-9d26-a5627818385c
SM_V9_ZSR       iris    exon    15413630        15413768        .
        +       .       Parent=Smp_044440.1;Name=e30fe1e7-
e445-4983-9664-2078a7dadf72
SM_V9_ZSR       iris    exon    15417462        15417591        .
        +       .
Parent=Smp_044440.1;Name=70fead0b-2df2-4f8c-93d2-6e786ec1ed7b
SM_V9_ZSR       iris    CDS     15408145        15408168        .
        +       0       Parent=Smp_044440.1
SM_V9_ZSR       iris    CDS     15408201        15408532        .
        +       0       Parent=Smp_044440.1
SM_V9_ZSR       iris    CDS     15408565        15408782        .
        +       1       Parent=Smp_044440.1
SM_V9_ZSR       iris    CDS     15408826        15409019        .
        +       2       Parent=Smp_044440.1
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SM_V9_ZSR	iris	CDS	15410531	15410735	.
	+	0	Parent=Smp_044440.1
SM_V9_ZSR	iris	CDS	15413630	15413768	.
	+	2	Parent=Smp_044440.1
SM_V9_ZSR	iris	CDS	15417462	15417495	.
	+	1	Parent=Smp_044440.1
SM_V9_ZSR	iris	gene	15460817	15469044	.
	+	.
ID=Smp_006340;geneID=Smp_006340;gene_name=Smp_006340;owner=irisadmin
@local.host;date_last_modified=2022-07-18;date_creation=2022-06-30
SM_V9_ZSR	iris	mRNA	15460817	15469044	.
	+	.
ID=Smp_006340.1;Parent=Smp_006340;geneID=Smp_006340;gene_name=Smp_00
6340;owner=irisadmin@local.host;orig_id=Smp_006340.1;date_last_modif
ied=2022-07-18;Name=Smp_006340.1;product=ER membrane protein complex
subunit 4;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	15460817	15460859	.
	+	.	Parent=Smp_006340.1;Name=49bc9d44-9676-4d5f-
b941-0d038d7c1f49
SM_V9_ZSR	iris	exon	15462769	15463021	.
	+	.
Parent=Smp_006340.1;Name=6a65cc7c-08be-4224-9392-871927f702bb
SM_V9_ZSR	iris	exon	15463058	15463332	.
	+	.	Parent=Smp_006340.1;Name=0e1690c5-9b36-4c91-
bf42-239a6ba2f4ef
SM_V9_ZSR	iris	exon	15467559	15467716	.
	+	.
Parent=Smp_006340.1;Name=4f67b027-94dd-49a6-9aa3-8e2285a3218a
SM_V9_ZSR	iris	exon	15468973	15469044	.
	+	.
Parent=Smp_006340.1;Name=f3e3d99f-7440-48c9-9741-d0c1267f06a5
SM_V9_ZSR	iris	CDS	15462942	15463021	.
	+	0	Parent=Smp_006340.1
SM_V9_ZSR	iris	CDS	15463058	15463332	.
	+	1	Parent=Smp_006340.1
SM_V9_ZSR	iris	CDS	15467559	15467716	.
	+	2	Parent=Smp_006340.1
SM_V9_ZSR	iris	CDS	15468973	15469008	.
	+	0	Parent=Smp_006340.1
SM_V9_ZSR	iris	gene	15468797	15513783	.
	-	.
ID=Smp_006350;geneID=Smp_006350;gene_name=Smp_006350;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	15468797	15513783	.
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ID=Smp_006350.1;Parent=Smp_006350;geneID=Smp_006350;gene_name=Smp_00
6350;owner=irisadmin@local.host;orig_id=Smp_006350.1;date_last_modif
ied=2022-08-02;Name=Smp_006350.1;product=Proteasome-associated
protein ECM29 homolog;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	15468797	15469380	.
	-	.	Parent=Smp_006350.1;Name=5c520eb9-b108-422a-
bae1-517ef0edde43
SM_V9_ZSR	iris	exon	15470048	15470229	.
	-	.	Parent=Smp_006350.1;Name=f8e9c482-16cd-40d8-
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ba7a-c8eb621e874d
SM_V9_ZSR       iris    exon    15470316        15470421        .
        -       .       Parent=Smp_006350.1;Name=6b519416-6b09-4c3b-
ba0c-12511c559392
SM_V9_ZSR       iris    exon    15471064        15471160        .
        -       .       Parent=Smp_006350.1;Name=fa489e06-b5ca-46ce-
a3e4-cd7036189e7d
SM_V9_ZSR       iris    exon    15471774        15472058        .
        -       .
Parent=Smp_006350.1;Name=aea68df9-7b87-4820-898a-052f063fe611
SM_V9_ZSR       iris    exon    15472901        15472996        .
        -       .
Parent=Smp_006350.1;Name=6e6c2178-9f59-42e8-8d63-06b7f2dc7b23
SM_V9_ZSR       iris    exon    15474362        15475240        .
        -       .       Parent=Smp_006350.1;Name=863b07c4-d9dc-43ce-
afb9-bb49c6e078d2
SM_V9_ZSR       iris    exon    15475535        15475753        .
        -       .       Parent=Smp_006350.1;Name=d33736da-
ec3a-41d6-831e-3b36457add2a
SM_V9_ZSR       iris    exon    15477533        15477996        .
        -       .
Parent=Smp_006350.1;Name=2667f436-9d7b-49a7-98ad-80b02c6b4fc4
SM_V9_ZSR       iris    exon    15478215        15478500        .
        -       .       Parent=Smp_006350.1;Name=2497dfc5-1ea1-4979-
b786-416d04ab8c78
SM_V9_ZSR       iris    exon    15478740        15479237        .
        -       .       Parent=Smp_006350.1;Name=e38cb3dd-253a-49f0-
b428-1097f9b0753a
SM_V9_ZSR       iris    exon    15480233        15480634        .
        -       .       Parent=Smp_006350.1;Name=f257ce0a-b69c-4259-
b02f-20af4fe74ab2
SM_V9_ZSR       iris    exon    15485606        15486095        .
        -       .
Parent=Smp_006350.1;Name=fb95bcba-02b9-4f60-9926-b79ec384c760
SM_V9_ZSR       iris    exon    15486853        15486967        .
        -       .       Parent=Smp_006350.1;Name=a58f1310-1ed4-4f66-
bf18-c8484633bcb2
SM_V9_ZSR       iris    exon    15487827        15488160        .
        -       .       Parent=Smp_006350.1;Name=2f1cf28f-4453-4b65-
ad89-b72f0a064ab7
SM_V9_ZSR       iris    exon    15490408        15490895        .
        -       .       Parent=Smp_006350.1;Name=7131d7f3-1459-4406-
abc6-a94d248cd853
SM_V9_ZSR       iris    exon    15491265        15491649        .
        -       .
Parent=Smp_006350.1;Name=95799481-84c1-4cb6-81ee-ceff446fa5ec
SM_V9_ZSR       iris    exon    15493616        15493707        .
        -       .
Parent=Smp_006350.1;Name=01eba3c3-1dfe-4929-9678-ae130cbb16fd
SM_V9_ZSR       iris    exon    15494520        15494856        .
        -       .
Parent=Smp_006350.1;Name=7591d458-48be-4957-9045-a66490afb978
SM_V9_ZSR       iris    exon    15495918        15495971        .
        -       .       Parent=Smp_006350.1;Name=a1d98e6e-e544-4af8-
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b9c4-abe27d1ee30a
SM_V9_ZSR       iris    exon    15497214        15497334        .
        -       .
Parent=Smp_006350.1;Name=7213afeb-3c39-43a1-94e4-439cac9cdf13
SM_V9_ZSR       iris    exon    15498258        15498361        .
        -       .
Parent=Smp_006350.1;Name=6a6cc375-5d7e-4ddc-959e-55f24e2330b4
SM_V9_ZSR       iris    exon    15499095        15499241        .
        -       .
Parent=Smp_006350.1;Name=ff3b9140-5383-4efe-8afc-233060001a07
SM_V9_ZSR       iris    exon    15500900        15501016        .
        -       .
Parent=Smp_006350.1;Name=659232a3-439a-45d3-80b8-42990f59e121
SM_V9_ZSR       iris    exon    15501104        15501185        .
        -       .
Parent=Smp_006350.1;Name=493c9994-4f45-42d6-9533-ea53e068f963
SM_V9_ZSR       iris    exon    15504620        15505014        .
        -       .
Parent=Smp_006350.1;Name=0c4e448c-54d9-4941-986f-e56a9a1cf7ed
SM_V9_ZSR       iris    exon    15507813        15507894        .
        -       .       Parent=Smp_006350.1;Name=0478eaa6-2727-4afb-
a497-19e61c869009
SM_V9_ZSR       iris    exon    15510268        15510407        .
        -       .       Parent=Smp_006350.1;Name=e50a3ef2-
bacd-4825-8fce-6049450b7bda
SM_V9_ZSR       iris    exon    15512915        15513041        .
        -       .
Parent=Smp_006350.1;Name=2b124d41-4a1f-474d-828e-dc37bbefdd3a
SM_V9_ZSR       iris    exon    15513077        15513214        .
        -       .       Parent=Smp_006350.1;Name=e51d6fa2-854c-4d0f-
ac68-9e73d1c7a016
SM_V9_ZSR       iris    exon    15513250        15513488        .
        -       .
Parent=Smp_006350.1;Name=e30b1c42-5b32-441b-8c7a-19f6b87b96f6
SM_V9_ZSR       iris    exon    15513522        15513652        .
        -       .
Parent=Smp_006350.1;Name=503c98c6-0d45-456e-86f2-c23de7576cd5
SM_V9_ZSR       iris    exon    15513694        15513783        .
        -       .       Parent=Smp_006350.1;Name=2c459d24-7fa9-47b8-
bf6d-bc691252cc84
SM_V9_ZSR       iris    CDS     15469271        15469380        .
        -       2       Parent=Smp_006350.1
SM_V9_ZSR       iris    CDS     15470048        15470229        .
        -       1       Parent=Smp_006350.1
SM_V9_ZSR       iris    CDS     15470316        15470421        .
        -       2       Parent=Smp_006350.1
SM_V9_ZSR       iris    CDS     15471064        15471160        .
        -       0       Parent=Smp_006350.1
SM_V9_ZSR       iris    CDS     15471774        15472058        .
        -       0       Parent=Smp_006350.1
SM_V9_ZSR       iris    CDS     15472901        15472996        .
        -       0       Parent=Smp_006350.1
SM_V9_ZSR       iris    CDS     15474362        15475240        .
        -       0       Parent=Smp_006350.1
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SM_V9_ZSR	iris	CDS	15475535	15475753	.
	-	0	Parent=Smp_006350.1
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	-	2	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15478215	15478500	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15478740	15479237	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15480233	15480634	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15485606	15486095	.
	-	1	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15486853	15486967	.
	-	2	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15487827	15488160	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15490408	15490895	.
	-	2	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15491265	15491649	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15493616	15493707	.
	-	2	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15494520	15494856	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15495918	15495971	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15497214	15497334	.
	-	1	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15498258	15498361	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15499095	15499241	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15500900	15501016	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15501104	15501185	.
	-	1	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15504620	15505014	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15507813	15507894	.
	-	1	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15510268	15510407	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15512915	15513041	.
	-	1	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15513077	15513214	.
	-	1	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15513250	15513488	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15513522	15513652	.
	-	2	Parent=Smp_006350.1
SM_V9_ZSR	iris	CDS	15513694	15513781	.
	-	0	Parent=Smp_006350.1
SM_V9_ZSR	Liftoff	gene	15531347	15552841	.
	+	.
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ID=Smp_242400;geneID=Smp_242400;previous_systematic_id=Smp_164440
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ID=Smp_242400.1;Parent=Smp_242400;geneID=Smp_242400;product=Uncharac
terized protein C7orf26
homolog;polypeptide_domain=InterPro:IPR027844 Pfam:PF14964
SM_V9_ZSR       Liftoff exon    15531347        15535896        .
        +       .       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff exon    15535942        15536160        .
        +       .       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff exon    15538506        15538794        .
        +       .       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff exon    15543044        15543335        .
        +       .       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff exon    15548467        15548548        .
        +       .       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff exon    15550304        15550601        .
        +       .       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff exon    15552509        15552841        .
        +       .       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff CDS     15535774        15535896        .
        +       0       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff CDS     15535942        15536160        .
        +       0       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff CDS     15538506        15538794        .
        +       0       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff CDS     15543044        15543335        .
        +       2       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff CDS     15548467        15548548        .
        +       1       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff CDS     15550304        15550601        .
        +       0       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff CDS     15552509        15552585        .
        +       2       Parent=Smp_242400.1
SM_V9_ZSR       Liftoff gene    15553396        15562203        .
        -       .
ID=Smp_304710;geneID=Smp_304710;previous_systematic_id=Smp_167940
SM_V9_ZSR       Liftoff mRNA    15553396        15557923        .
        -       .
ID=Smp_304710.1;Parent=Smp_304710;geneID=Smp_304710;product=WD
repeat, SAM and U-box domain-containing protein 1
SM_V9_ZSR       Liftoff exon    15553396        15557511        .
        -       .       Parent=Smp_304710.1
SM_V9_ZSR       Liftoff exon    15557632        15557923        .
        -       .       Parent=Smp_304710.1
SM_V9_ZSR       Liftoff CDS     15557347        15557511        .
        -       0       Parent=Smp_304710.1
SM_V9_ZSR       Liftoff CDS     15557632        15557691        .
        -       0       Parent=Smp_304710.1
SM_V9_ZSR       Liftoff mRNA    15553396        15562203        .
        -       .
ID=Smp_304710.2;Parent=Smp_304710;geneID=Smp_304710;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    15553396        15557511        .
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        -       .       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff exon    15558508        15558707        .
        -       .       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff exon    15561365        15561877        .
        -       .       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff exon    15561918        15562203        .
        -       .       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff CDS     15557347        15557511        .
        -       0       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff CDS     15558508        15558707        .
        -       2       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff CDS     15561365        15561877        .
        -       2       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff CDS     15561918        15561933        .
        -       0       Parent=Smp_304710.2
SM_V9_ZSR       Liftoff mRNA    15553396        15562203        .
        -       .
ID=Smp_304710.3;Parent=Smp_304710;geneID=Smp_304710;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    15553396        15557721        .
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SM_V9_ZSR       Liftoff exon    15558508        15558707        .
        -       .       Parent=Smp_304710.3
SM_V9_ZSR       Liftoff exon    15561365        15561877        .
        -       .       Parent=Smp_304710.3
SM_V9_ZSR       Liftoff exon    15561918        15562203        .
        -       .       Parent=Smp_304710.3
SM_V9_ZSR       Liftoff CDS     15557512        15557721        .
        -       0       Parent=Smp_304710.3
SM_V9_ZSR       Liftoff CDS     15558508        15558707        .
        -       2       Parent=Smp_304710.3
SM_V9_ZSR       Liftoff CDS     15561365        15561877        .
        -       2       Parent=Smp_304710.3
SM_V9_ZSR       Liftoff CDS     15561918        15561933        .
        -       0       Parent=Smp_304710.3
SM_V9_ZSR       Liftoff mRNA    15553396        15562203        .
        -       .
ID=Smp_304710.4;Parent=Smp_304710;geneID=Smp_304710;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    15553396        15557981        .
        -       .       Parent=Smp_304710.4
SM_V9_ZSR       Liftoff exon    15558508        15558707        .
        -       .       Parent=Smp_304710.4
SM_V9_ZSR       Liftoff exon    15561365        15561877        .
        -       .       Parent=Smp_304710.4
SM_V9_ZSR       Liftoff exon    15561918        15562203        .
        -       .       Parent=Smp_304710.4
SM_V9_ZSR       Liftoff CDS     15557979        15557981        .
        -       0       Parent=Smp_304710.4
SM_V9_ZSR       Liftoff CDS     15558508        15558707        .
        -       2       Parent=Smp_304710.4
SM_V9_ZSR       Liftoff CDS     15561365        15561877        .
        -       2       Parent=Smp_304710.4
SM_V9_ZSR       Liftoff CDS     15561918        15561933        .
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        -       0       Parent=Smp_304710.4
SM_V9_ZSR       iris    gene    15579310        15598972        .
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@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    15579310        15598972        .
        -       .
ID=Smp_304720.1;Parent=Smp_304720;geneID=Smp_304720;gene_name=Smp_30
4720;owner=irisadmin@local.host;orig_id=Smp_304720.1;date_last_modif
ied=2022-09-30;Name=Smp_304720.1;product=Wee1-like protein
kinase;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    15579310        15579547        .
        -       .       Parent=Smp_304720.1;Name=7cfa6467-e2a7-4496-
b7d6-51cfe40f7d53
SM_V9_ZSR       iris    exon    15580181        15580274        .
        -       .       Parent=Smp_304720.1;Name=142c2be2-
c02b-42c0-89de-e0215c96c941
SM_V9_ZSR       iris    exon    15583669        15583770        .
        -       .       Parent=Smp_304720.1;Name=a1e49ded-64e6-4446-
acc2-479b4b70f616
SM_V9_ZSR       iris    exon    15587716        15587913        .
        -       .
Parent=Smp_304720.1;Name=40e6a98c-821f-4db2-84e1-fbbb3240f057
SM_V9_ZSR       iris    exon    15596536        15596995        .
        -       .
Parent=Smp_304720.1;Name=25833805-3d0f-4bdc-8c35-d53a64cb96cd
SM_V9_ZSR       iris    exon    15597815        15597958        .
        -       .       Parent=Smp_304720.1;Name=89e6bb4a-4fde-4eb5-
b65a-d2f435bdee65
SM_V9_ZSR       iris    exon    15597993        15598972        .
        -       .       Parent=Smp_304720.1;Name=98b187c0-0234-4d56-
abcd-a6cc277ea6f0
SM_V9_ZSR       iris    CDS     15579510        15579547        .
        -       2       Parent=Smp_304720.1
SM_V9_ZSR       iris    CDS     15580181        15580274        .
        -       0       Parent=Smp_304720.1
SM_V9_ZSR       iris    CDS     15583669        15583770        .
        -       0       Parent=Smp_304720.1
SM_V9_ZSR       iris    CDS     15587716        15587913        .
        -       0       Parent=Smp_304720.1
SM_V9_ZSR       iris    CDS     15596536        15596995        .
        -       1       Parent=Smp_304720.1
SM_V9_ZSR       iris    CDS     15597815        15597958        .
        -       1       Parent=Smp_304720.1
SM_V9_ZSR       iris    CDS     15597993        15598717        .
        -       0       Parent=Smp_304720.1
SM_V9_ZSR       iris    gene    15626267        15663260        .
        +       .
ID=Smp_167950;geneID=Smp_167950;gene_name=Smp_167950;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    15626267        15663260        .
        +       .
ID=Smp_167950.1;Parent=Smp_167950;geneID=Smp_167950;gene_name=Smp_16
7950;owner=irisadmin@local.host;orig_id=Smp_167950.3;date_last_modif
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ied=2022-08-02;Name=Smp_167950.1;product=Uncharacterized protein
C18orf8;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    15626267        15626422        .
        +       .       Parent=Smp_167950.1;Name=8f5b49b7-a168-4c36-
bca5-cc7342e0a5fd
SM_V9_ZSR       iris    exon    15626456        15626532        .
        +       .
Parent=Smp_167950.1;Name=fa0505ed-39c6-473a-9f65-e25e0b0614bf
SM_V9_ZSR       iris    exon    15627598        15627742        .
        +       .
Parent=Smp_167950.1;Name=df5754be-7fc4-440b-9df9-b4a7b2bed025
SM_V9_ZSR       iris    exon    15627787        15627873        .
        +       .       Parent=Smp_167950.1;Name=bed51a4a-6285-4ad4-
a979-55c6e18ca86b
SM_V9_ZSR       iris    exon    15631618        15631752        .
        +       .
Parent=Smp_167950.1;Name=8a486600-8f1e-49d7-9ec8-7a2c51d92fce
SM_V9_ZSR       iris    exon    15632517        15632623        .
        +       .
Parent=Smp_167950.1;Name=f87cfdc1-1cf6-419d-9d43-7fb7a54bc12a
SM_V9_ZSR       iris    exon    15632662        15632754        .
        +       .       Parent=Smp_167950.1;Name=04fb3af1-6ca9-4943-
b78b-eb49582ed78d
SM_V9_ZSR       iris    exon    15632801        15632906        .
        +       .
Parent=Smp_167950.1;Name=4b4d22ae-5353-42c8-89f2-38c8fc576571
SM_V9_ZSR       iris    exon    15644343        15644451        .
        +       .       Parent=Smp_167950.1;Name=6aa93602-027c-45e7-
acf7-4e70aa4eed8d
SM_V9_ZSR       iris    exon    15646157        15646207        .
        +       .       Parent=Smp_167950.1;Name=0272b2e5-63a5-45e2-
b2dd-1eb04850d66f
SM_V9_ZSR       iris    exon    15647280        15647333        .
        +       .       Parent=Smp_167950.1;Name=ac982d5f-
a0eb-4177-98d1-2afa642184df
SM_V9_ZSR       iris    exon    15648278        15648336        .
        +       .
Parent=Smp_167950.1;Name=4c7b7ce6-96d8-4c67-8015-6140a7cb9f54
SM_V9_ZSR       iris    exon    15649204        15649497        .
        +       .
Parent=Smp_167950.1;Name=e55f8e63-2bd7-4d7e-8598-72b3613a4e9d
SM_V9_ZSR       iris    exon    15650432        15650533        .
        +       .
Parent=Smp_167950.1;Name=9bcefb41-5391-48ce-878a-c6c8bb0da342
SM_V9_ZSR       iris    exon    15652149        15652229        .
        +       .       Parent=Smp_167950.1;Name=a4fb7f86-0703-4736-
b956-f42e84b5709e
SM_V9_ZSR       iris    exon    15653997        15654101        .
        +       .
Parent=Smp_167950.1;Name=7f533f33-6502-43d4-8320-a8a0165a21f4
SM_V9_ZSR       iris    exon    15654703        15654771        .
        +       .       Parent=Smp_167950.1;Name=1c0fa8c9-
f36a-490c-9310-719613724f8f
SM_V9_ZSR       iris    exon    15656004        15656074        .
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        +       .       Parent=Smp_167950.1;Name=9c50650d-b2f9-4391-
a77d-ea896fb9935d
SM_V9_ZSR       iris    exon    15661777        15661934        .
        +       .       Parent=Smp_167950.1;Name=5888c34a-06db-47fe-
a9e6-5f33cee45a3e
SM_V9_ZSR       iris    exon    15662848        15663260        .
        +       .
Parent=Smp_167950.1;Name=dea1ba4b-7d05-40bc-9792-752cded8f573
SM_V9_ZSR       iris    CDS     15626483        15626532        .
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SM_V9_ZSR       iris    CDS     15627598        15627742        .
        +       1       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15627787        15627873        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15631618        15631752        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15632517        15632623        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15632662        15632754        .
        +       1       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15632801        15632906        .
        +       1       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15644343        15644451        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15646157        15646207        .
        +       2       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15647280        15647333        .
        +       2       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15648278        15648336        .
        +       2       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15649204        15649497        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15650432        15650533        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15652149        15652229        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15653997        15654101        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15654703        15654771        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15656004        15656074        .
        +       0       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15661777        15661934        .
        +       1       Parent=Smp_167950.1
SM_V9_ZSR       iris    CDS     15662848        15662903        .
        +       2       Parent=Smp_167950.1
SM_V9_ZSR       iris    gene    15666082        15671483        .
        -       .
ID=Smp_096480;geneID=Smp_096480;gene_name=Smp_096480;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    15666082        15671483        .
        -       .
ID=Smp_096480.1;Parent=Smp_096480;geneID=Smp_096480;gene_name=Smp_09
6480;owner=irisadmin@local.host;orig_id=Smp_096480.1;date_last_modif
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ied=2022-08-20;Name=Smp_096480.1;product=Glycine receptor subunit
alpha-3;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    15666082        15666245        .
        -       .
Parent=Smp_096480.1;Name=3fbde3a9-5c22-4ab4-98df-690fe77e7df8
SM_V9_ZSR       iris    exon    15669741        15671483        .
        -       .       Parent=Smp_096480.1;Name=8e0f3553-6803-413e-
bfab-69d8e81bcbab
SM_V9_ZSR       iris    CDS     15669887        15671422        .
        -       0       Parent=Smp_096480.1
SM_V9_ZSR       iris    gene    15689920        15738352        .
        +       .
ID=Smp_175090;geneID=Smp_175090;gene_name=Smp_175090;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    15689920        15738352        .
        +       .
ID=Smp_175090.1;Parent=Smp_175090;geneID=Smp_175090;gene_name=Smp_17
5090;owner=irisadmin@local.host;orig_id=Smp_175090.1;date_last_modif
ied=2022-09-30;Name=Smp_175090.1;product=Long-chain-fatty-acid--CoA
ligase 5;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    15689920        15690000        .
        +       .       Parent=Smp_175090.1;Name=fb9302bd-
cefc-464e-8be3-42d7fdef0e82
SM_V9_ZSR       iris    exon    15692357        15692466        .
        +       .       Parent=Smp_175090.1;Name=8e849189-4854-4f29-
b13f-d704a7e014d0
SM_V9_ZSR       iris    exon    15693611        15693707        .
        +       .       Parent=Smp_175090.1;Name=da35a08b-
cddc-47b4-9e4a-609ad06ea8da
SM_V9_ZSR       iris    exon    15695971        15696038        .
        +       .
Parent=Smp_175090.1;Name=ab0ed437-03b8-4982-88fd-128a4e2c8142
SM_V9_ZSR       iris    exon    15696078        15696182        .
        +       .
Parent=Smp_175090.1;Name=72e28ed2-96d3-43d9-9a36-d472e1e3c441
SM_V9_ZSR       iris    exon    15702140        15702239        .
        +       .       Parent=Smp_175090.1;Name=916c4d19-734c-4107-
bf70-1f459577346c
SM_V9_ZSR       iris    exon    15702830        15702999        .
        +       .
Parent=Smp_175090.1;Name=6f01cbf6-686e-43aa-8cc2-e179e14f4c55
SM_V9_ZSR       iris    exon    15707271        15707303        .
        +       .
Parent=Smp_175090.1;Name=3692f8e6-16e4-4c71-81c2-f6560eaf027e
SM_V9_ZSR       iris    exon    15708807        15708858        .
        +       .       Parent=Smp_175090.1;Name=69a09a91-1d07-4b10-
b00c-12d77c72c4ed
SM_V9_ZSR       iris    exon    15720535        15720614        .
        +       .       Parent=Smp_175090.1;Name=8820530b-
f330-40ee-91e2-7172ad2efedf
SM_V9_ZSR       iris    exon    15721467        15721535        .
        +       .       Parent=Smp_175090.1;Name=a8c2b97f-
cefc-4434-9317-7205679f1180
SM_V9_ZSR       iris    exon    15726225        15726442        .
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        +       .       Parent=Smp_175090.1;Name=ce340594-5ec3-42ab-
b551-938c14e9e527
SM_V9_ZSR       iris    exon    15727251        15727401        .
        +       .       Parent=Smp_175090.1;Name=6aa77fb0-6742-4514-
aaf1-0aa9b146bfe6
SM_V9_ZSR       iris    exon    15730195        15730359        .
        +       .       Parent=Smp_175090.1;Name=dfaf66f4-4685-4729-
a3c5-43fefa6c47d3
SM_V9_ZSR       iris    exon    15731265        15731381        .
        +       .       Parent=Smp_175090.1;Name=47fe7590-3971-46fd-
a6e5-4bc2e912c30d
SM_V9_ZSR       iris    exon    15735923        15736297        .
        +       .       Parent=Smp_175090.1;Name=1ddbb8dc-35cd-45cd-
af6d-6e9d15e444fa
SM_V9_ZSR       iris    exon    15737776        15738352        .
        +       .
Parent=Smp_175090.1;Name=fed35933-031a-4e37-95c0-2be05a1ab9a0
SM_V9_ZSR       iris    CDS     15689988        15690000        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15692357        15692466        .
        +       2       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15693611        15693707        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15695971        15696038        .
        +       2       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15696078        15696182        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15702140        15702239        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15702830        15702999        .
        +       2       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15707271        15707303        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15708807        15708858        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15720535        15720614        .
        +       2       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15721467        15721535        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15726225        15726442        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15727251        15727401        .
        +       1       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15730195        15730359        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15731265        15731381        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15735923        15736297        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    CDS     15737776        15737946        .
        +       0       Parent=Smp_175090.1
SM_V9_ZSR       iris    gene    15740098        15766838        .
        -       .
ID=Smp_096450;geneID=Smp_096450;gene_name=Smp_096450;owner=irisadmin
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@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
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ID=Smp_096450.1;Parent=Smp_096450;geneID=Smp_096450;gene_name=Smp_09
6450;owner=irisadmin@local.host;orig_id=Smp_096450.1;date_last_modif
ied=2022-09-30;Name=Smp_096450.1;product=116 kDa U5 small nuclear
ribonucleoprotein component;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    15740098        15740270        .
        -       .       Parent=Smp_096450.1;Name=33bc90d4-
fddf-44db-8960-482d83a8a4be
SM_V9_ZSR       iris    exon    15743404        15743665        .
        -       .       Parent=Smp_096450.1;Name=eaa912f8-
f9b7-4658-8513-00ce41eaf8c5
SM_V9_ZSR       iris    exon    15745757        15746013        .
        -       .       Parent=Smp_096450.1;Name=c2266a9c-2382-497b-
ab30-6e14fcb405e9
SM_V9_ZSR       iris    exon    15746216        15746330        .
        -       .
Parent=Smp_096450.1;Name=056b871f-3a2e-458a-9775-345abd35070d
SM_V9_ZSR       iris    exon    15746782        15746925        .
        -       .       Parent=Smp_096450.1;Name=94a81caf-
b518-4960-8cd6-20f168a851bf
SM_V9_ZSR       iris    exon    15749457        15749547        .
        -       .       Parent=Smp_096450.1;Name=ecf6f120-b668-440f-
ac72-cccc76b1c0fe
SM_V9_ZSR       iris    exon    15750386        15750512        .
        -       .       Parent=Smp_096450.1;Name=dbf2d66e-d980-48f7-
b211-0a1c4642d80d
SM_V9_ZSR       iris    exon    15750904        15751120        .
        -       .
Parent=Smp_096450.1;Name=ecdf5d30-7ac0-41db-9cd0-98e34ba35e70
SM_V9_ZSR       iris    exon    15752380        15752704        .
        -       .
Parent=Smp_096450.1;Name=4600b1c9-527d-40c3-9cd8-650921c473b8
SM_V9_ZSR       iris    exon    15753131        15753357        .
        -       .       Parent=Smp_096450.1;Name=5e8d1ee4-981c-4a6f-
be3a-63eedb793635
SM_V9_ZSR       iris    exon    15754484        15754673        .
        -       .
Parent=Smp_096450.1;Name=7b084f44-8b3c-4885-926a-19aeb99bb9de
SM_V9_ZSR       iris    exon    15755164        15755433        .
        -       .
Parent=Smp_096450.1;Name=140857ea-580f-434c-9b51-50e05d69a58e
SM_V9_ZSR       iris    exon    15760349        15760475        .
        -       .       Parent=Smp_096450.1;Name=2f1445e8-
a724-4bd2-8ca8-31f1698675e4
SM_V9_ZSR       iris    exon    15762003        15762068        .
        -       .
Parent=Smp_096450.1;Name=a4916d08-740e-4b90-8fee-0cc1e71f9868
SM_V9_ZSR       iris    exon    15762106        15762363        .
        -       .
Parent=Smp_096450.1;Name=8851e0cf-24e4-4087-81a9-1cc89ae72340
SM_V9_ZSR       iris    exon    15764360        15764590        .
        -       .       Parent=Smp_096450.1;Name=cb287df1-99d6-442c-
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b63d-8db1499bfb73
SM_V9_ZSR       iris    exon    15766769        15766838        .
        -       .       Parent=Smp_096450.1;Name=7c8211d0-
bc8e-4b58-8249-46178eb101d5
SM_V9_ZSR       iris    CDS     15740175        15740270        .
        -       0       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15743404        15743665        .
        -       1       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15745757        15746013        .
        -       0       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15746216        15746330        .
        -       1       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15746782        15746925        .
        -       1       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15749457        15749547        .
        -       2       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15750386        15750512        .
        -       0       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15750904        15751120        .
        -       1       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15752380        15752704        .
        -       2       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15753131        15753357        .
        -       1       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15754484        15754673        .
        -       2       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15755164        15755433        .
        -       2       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15760349        15760475        .
        -       0       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15762003        15762068        .
        -       0       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15762106        15762363        .
        -       0       Parent=Smp_096450.1
SM_V9_ZSR       iris    CDS     15764360        15764536        .
        -       0       Parent=Smp_096450.1
SM_V9_ZSR       iris    gene    15793497        15810973        .
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ID=Smp_346340;geneID=Smp_346340;gene_name=Smp_346340;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    15793497        15810973        .
        +       .
ID=Smp_346340.1;Parent=Smp_346340;geneID=Smp_346340;gene_name=Smp_34
6340;owner=irisadmin@local.host;orig_id=Smp_346340.1;date_last_modif
ied=2022-07-19;Name=Smp_346340.1;product=Nucleolin;date_creation=202
2-07-19
SM_V9_ZSR       iris    exon    15793497        15793752        .
        +       .       Parent=Smp_346340.1;Name=38ac0d9b-8808-4ea6-
a139-61af85eed9fc
SM_V9_ZSR       iris    exon    15797110        15797320        .
        +       .       Parent=Smp_346340.1;Name=8eac6824-9b97-4668-
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SM_V9_ZSR       iris    exon    15805185        15805266        .
        +       .
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Parent=Smp_346340.1;Name=afe1ede3-2ed4-4cd3-8e20-baf7a16e845b
SM_V9_ZSR       iris    exon    15806822        15806951        .
        +       .       Parent=Smp_346340.1;Name=d973ead4-e59e-4ecd-
bdfb-59f4da157b5f
SM_V9_ZSR       iris    exon    15809768        15809894        .
        +       .       Parent=Smp_346340.1;Name=2c6daf38-7d22-4579-
af6b-aa7c738f9f53
SM_V9_ZSR       iris    exon    15810603        15810973        .
        +       .
Parent=Smp_346340.1;Name=d306b210-80b6-450f-8da6-eeb13b5a242b
SM_V9_ZSR       iris    CDS     15797120        15797320        .
        +       0       Parent=Smp_346340.1
SM_V9_ZSR       iris    CDS     15805185        15805266        .
        +       0       Parent=Smp_346340.1
SM_V9_ZSR       iris    CDS     15806822        15806951        .
        +       2       Parent=Smp_346340.1
SM_V9_ZSR       iris    CDS     15809768        15809894        .
        +       1       Parent=Smp_346340.1
SM_V9_ZSR       iris    CDS     15810603        15810902        .
        +       0       Parent=Smp_346340.1
SM_V9_ZSR       Liftoff gene    15836811        15837011        .
        +       .       ID=Smp_203460;geneID=Smp_203460
SM_V9_ZSR       Liftoff mRNA    15836811        15837011        .
        +       .
ID=Smp_203460.1;Parent=Smp_203460;geneID=Smp_203460;product=AF4/FMR2
family member 4
SM_V9_ZSR       Liftoff exon    15836811        15837011        .
        +       .       Parent=Smp_203460.1
SM_V9_ZSR       Liftoff CDS     15836811        15837011        .
        +       0       Parent=Smp_203460.1
SM_V9_ZSR       Liftoff gene    15844643        15864358        .
        -       .
ID=Smp_245060;geneID=Smp_245060;previous_systematic_id=Smp_096420,Sm
p_175060
SM_V9_ZSR       Liftoff mRNA    15844643        15864358        .
        -       .
ID=Smp_245060.1;Parent=Smp_245060;geneID=Smp_245060;product=DNA-
directed RNA polymerase subunit
beta;polypeptide_domain=InterPro:IPR008974;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    15844643        15845347        .
        -       .       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff exon    15848542        15849036        .
        -       .       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff exon    15857648        15857790        .
        -       .       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff exon    15862410        15864358        .
        -       .       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff CDS     15845095        15845347        .
        -       1       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff CDS     15848542        15849036        .
        -       1       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff CDS     15857648        15857790        .
        -       0       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff CDS     15862410        15864296        .
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        -       0       Parent=Smp_245060.1
SM_V9_ZSR       Liftoff mRNA    15844643        15864358        .
        -       .
ID=Smp_245060.2;Parent=Smp_245060;geneID=Smp_245060;product=DNA-
directed RNA polymerase subunit
beta;polypeptide_domain=InterPro:IPR008974;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    15844643        15847718        .
        -       .       Parent=Smp_245060.2
SM_V9_ZSR       Liftoff exon    15848542        15849036        .
        -       .       Parent=Smp_245060.2
SM_V9_ZSR       Liftoff exon    15857648        15857790        .
        -       .       Parent=Smp_245060.2
SM_V9_ZSR       Liftoff exon    15862410        15864358        .
        -       .       Parent=Smp_245060.2
SM_V9_ZSR       Liftoff CDS     15847667        15847718        .
        -       1       Parent=Smp_245060.2
SM_V9_ZSR       Liftoff CDS     15848542        15849036        .
        -       1       Parent=Smp_245060.2
SM_V9_ZSR       Liftoff CDS     15857648        15857790        .
        -       0       Parent=Smp_245060.2
SM_V9_ZSR       Liftoff CDS     15862410        15864296        .
        -       0       Parent=Smp_245060.2
SM_V9_ZSR       iris    gene    15885012        15891097        .
        -       .
ID=Smp_096410;geneID=Smp_096410;gene_name=Smp_096410;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    15885012        15891097        .
        -       .
ID=Smp_096410.1;Parent=Smp_096410;geneID=Smp_096410;gene_name=Smp_09
6410;owner=irisadmin@local.host;orig_id=Smp_096410.2;date_last_modif
ied=2022-07-19;Name=Smp_096410.1;product=16 kDa calcium-binding
protein;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    15885012        15885197        .
        -       .
Parent=Smp_096410.1;Name=215220a3-060b-4aee-8ff9-41c5fb83dcf4
SM_V9_ZSR       iris    exon    15886236        15886308        .
        -       .       Parent=Smp_096410.1;Name=a1d50c5e-e9ce-4932-
acab-89a0851cff9e
SM_V9_ZSR       iris    exon    15887207        15887301        .
        -       .       Parent=Smp_096410.1;Name=c8ba225c-9799-4cbe-
add5-06d21c5c4714
SM_V9_ZSR       iris    exon    15890713        15891097        .
        -       .       Parent=Smp_096410.1;Name=34a9f139-5dc3-45b3-
a2bb-ad2eba9bd69e
SM_V9_ZSR       iris    CDS     15885189        15885197        .
        -       0       Parent=Smp_096410.1
SM_V9_ZSR       iris    CDS     15886236        15886308        .
        -       1       Parent=Smp_096410.1
SM_V9_ZSR       iris    CDS     15887207        15887301        .
        -       0       Parent=Smp_096410.1
SM_V9_ZSR       iris    CDS     15890713        15890835        .
        -       0       Parent=Smp_096410.1
SM_V9_ZSR       Liftoff gene    15904092        15907488        .
        -       .       ID=Smp_096390;geneID=Smp_096390
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SM_V9_ZSR	Liftoff	mRNA	15904092	15907488	.
	-	.
ID=Smp_096390.1;Parent=Smp_096390;geneID=Smp_096390;product=16 kda
calcium binding protein;evidence=Traceable Author
Statement;literature=PMID:1574081;polypeptide_domain=InterPro:IPR002
048,IPR011992,IPR018247 Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_ZSR	Liftoff	exon	15904092	15904464	.
	-	.	Parent=Smp_096390.1
SM_V9_ZSR	Liftoff	exon	15904979	15905073	.
	-	.	Parent=Smp_096390.1
SM_V9_ZSR	Liftoff	exon	15907266	15907488	.
	-	.	Parent=Smp_096390.1
SM_V9_ZSR	Liftoff	CDS	15904254	15904464	.
	-	1	Parent=Smp_096390.1
SM_V9_ZSR	Liftoff	CDS	15904979	15905073	.
	-	0	Parent=Smp_096390.1
SM_V9_ZSR	Liftoff	CDS	15907266	15907391	.
	-	0	Parent=Smp_096390.1
SM_V9_ZSR	iris	gene	15926944	15940960	.
	+	.
ID=Smp_174890;geneID=Smp_174890;gene_name=Smp_174890;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR	iris	mRNA	15926944	15940960	.
	+	.
ID=Smp_174890.1;Parent=Smp_174890;geneID=Smp_174890;gene_name=Smp_17
4890;owner=irisadmin@local.host;orig_id=Smp_174890.4;date_last_modif
ied=2022-07-19;Name=Smp_174890.1;product=TATA box-binding protein-
associated factor RNA polymerase I subunit
A;date_creation=2022-07-19
SM_V9_ZSR	iris	exon	15926944	15927293	.
	+	.
Parent=Smp_174890.1;Name=0c0aa932-6a6b-418b-8962-96b48b28085f
SM_V9_ZSR	iris	exon	15927664	15927809	.
	+	.	Parent=Smp_174890.1;Name=f2b3bfc8-48ec-4b28-
a3a0-b1d1bd7b9b57
SM_V9_ZSR	iris	exon	15927845	15927903	.
	+	.	Parent=Smp_174890.1;Name=6135bd63-
da91-4d13-92bf-207785b5ccbb
SM_V9_ZSR	iris	exon	15934161	15934275	.
	+	.
Parent=Smp_174890.1;Name=a64a56b6-593a-4c87-9ca0-a52d28ef28e2
SM_V9_ZSR	iris	exon	15936127	15936274	.
	+	.	Parent=Smp_174890.1;Name=415040f7-14ed-4619-
abb6-4945a7d91d8e
SM_V9_ZSR	iris	exon	15936705	15936832	.
	+	.
Parent=Smp_174890.1;Name=fbaf2429-69ee-4c7e-9a1c-248a8beea8fb
SM_V9_ZSR	iris	exon	15937004	15937460	.
	+	.	Parent=Smp_174890.1;Name=6dcbae9e-0600-4ca7-
abaf-6e53e38c7947
SM_V9_ZSR	iris	exon	15939787	15939904	.
	+	.	Parent=Smp_174890.1;Name=1d4e25e4-965b-44cb-
b5fe-49402ea0ee0b
SM_V9_ZSR	iris	exon	15940629	15940960	.
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        +       .
Parent=Smp_174890.1;Name=8a6c02fb-2a1e-41af-9476-6a36e0f7f7ce
SM_V9_ZSR       iris    CDS     15927146        15927293        .
        +       0       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15927664        15927809        .
        +       2       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15927845        15927903        .
        +       0       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15934161        15934275        .
        +       1       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15936127        15936274        .
        +       0       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15936705        15936832        .
        +       2       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15937004        15937460        .
        +       0       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15939787        15939904        .
        +       2       Parent=Smp_174890.1
SM_V9_ZSR       iris    CDS     15940629        15940875        .
        +       1       Parent=Smp_174890.1
SM_V9_ZSR       iris    gene    15954028        16008581        .
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ID=Smp_174870;geneID=Smp_174870;gene_name=Smp_174870;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    15954028        16008581        .
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ID=Smp_174870.1;Parent=Smp_174870;geneID=Smp_174870;gene_name=Smp_17
4870;owner=irisadmin@local.host;orig_id=Smp_174870.1;date_last_modif
ied=2022-07-19;Name=Smp_174870.1;product=Lysostaphin resistance
protein A;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    15954028        15954355        .
        +       .       Parent=Smp_174870.1;Name=60f98d6d-35d8-4cb8-
bafb-8a5a2ad66b6d
SM_V9_ZSR       iris    exon    15955750        15955815        .
        +       .       Parent=Smp_174870.1;Name=9182d3b7-20fb-485b-
bb95-d1e59fb3dbf1
SM_V9_ZSR       iris    exon    15959818        15960093        .
        +       .       Parent=Smp_174870.1;Name=8007509d-c78f-4cf8-
bf29-ac2119f814c4
SM_V9_ZSR       iris    exon    15977449        15977566        .
        +       .       Parent=Smp_174870.1;Name=e45b9bc4-d4d2-4ece-
be2b-0355fa16a8f4
SM_V9_ZSR       iris    exon    15985140        15985320        .
        +       .       Parent=Smp_174870.1;Name=5e61afb6-
cf8e-4f9d-98c7-41300e8e50cd
SM_V9_ZSR       iris    exon    15995691        15995839        .
        +       .
Parent=Smp_174870.1;Name=7b8e06e3-5eef-4a3b-9f04-2be1e16d1f89
SM_V9_ZSR       iris    exon    15999968        16000246        .
        +       .       Parent=Smp_174870.1;Name=c8b2d7e8-e74f-44a3-
b3ae-930bdde35de4
SM_V9_ZSR       iris    exon    16003693        16004250        .
        +       .       Parent=Smp_174870.1;Name=242bb097-3a03-428d-
a361-5141fc673015
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SM_V9_ZSR	iris	exon	16007060	16008581	.
	+	.	Parent=Smp_174870.1;Name=779362bf-77ed-4b4e-
b493-acd80c5197d2
SM_V9_ZSR	iris	CDS	15959975	15960093	.
	+	0	Parent=Smp_174870.1
SM_V9_ZSR	iris	CDS	15977449	15977566	.
	+	1	Parent=Smp_174870.1
SM_V9_ZSR	iris	CDS	15985140	15985320	.
	+	0	Parent=Smp_174870.1
SM_V9_ZSR	iris	CDS	15995691	15995839	.
	+	2	Parent=Smp_174870.1
SM_V9_ZSR	iris	CDS	15999968	16000246	.
	+	0	Parent=Smp_174870.1
SM_V9_ZSR	iris	CDS	16003693	16004250	.
	+	0	Parent=Smp_174870.1
SM_V9_ZSR	iris	CDS	16007060	16007941	.
	+	0	Parent=Smp_174870.1
SM_V9_ZSR	iris	gene	16026501	16044158	.
	-	.
ID=Smp_174880;geneID=Smp_174880;gene_name=Smp_174880;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	16026501	16044158	.
	-	.
ID=Smp_174880.1;Parent=Smp_174880;geneID=Smp_174880;gene_name=Smp_17
4880;owner=irisadmin@local.host;orig_id=Smp_174880.1;date_last_modif
ied=2022-08-02;Name=Smp_174880.1;product=Cilia- and flagella-
associated protein 53;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	16026501	16027091	.
	-	.
Parent=Smp_174880.1;Name=b11771eb-5150-46c8-8935-844143970a33
SM_V9_ZSR	iris	exon	16029415	16029631	.
	-	.	Parent=Smp_174880.1;Name=e8e6ed28-712e-4412-
acb2-6d90801a13e4
SM_V9_ZSR	iris	exon	16031106	16031321	.
	-	.	Parent=Smp_174880.1;Name=5214e201-4f65-4bce-
bb0d-f9dee0815d71
SM_V9_ZSR	iris	exon	16036972	16037065	.
	-	.	Parent=Smp_174880.1;Name=681b74ae-
d784-43f3-85f7-f800fde4a4d3
SM_V9_ZSR	iris	exon	16037096	16037299	.
	-	.	Parent=Smp_174880.1;Name=bafc6b59-0ebd-40c2-
a82c-ac8c91c611f5
SM_V9_ZSR	iris	exon	16040692	16040871	.
	-	.
Parent=Smp_174880.1;Name=cf304864-0c85-465f-8be2-f42996eaaa36
SM_V9_ZSR	iris	exon	16040920	16041143	.
	-	.
Parent=Smp_174880.1;Name=2170e4c8-1d81-4676-8dec-ab8fff3a9c85
SM_V9_ZSR	iris	exon	16044080	16044158	.
	-	.	Parent=Smp_174880.1;Name=1805daa6-2e14-4e13-
a931-a6ea8fa7451b
SM_V9_ZSR	iris	CDS	16026709	16027091	.
	-	2	Parent=Smp_174880.1
SM_V9_ZSR	iris	CDS	16029415	16029631	.
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        -       0       Parent=Smp_174880.1
SM_V9_ZSR       iris    CDS     16031106        16031321        .
        -       0       Parent=Smp_174880.1
SM_V9_ZSR       iris    CDS     16036972        16037065        .
        -       1       Parent=Smp_174880.1
SM_V9_ZSR       iris    CDS     16037096        16037299        .
        -       1       Parent=Smp_174880.1
SM_V9_ZSR       iris    CDS     16040692        16040871        .
        -       1       Parent=Smp_174880.1
SM_V9_ZSR       iris    CDS     16040920        16041119        .
        -       0       Parent=Smp_174880.1
SM_V9_ZSR       Liftoff gene    16058056        16061987        .
        +       .
ID=Smp_245030;geneID=Smp_245030;previous_systematic_id=Smp_174910
SM_V9_ZSR       Liftoff mRNA    16058056        16061987        .
        +       .
ID=Smp_245030.1;Parent=Smp_245030;geneID=Smp_245030;product=Importin
subunit
alpha-1;polypeptide_domain=InterPro:IPR000225,IPR002652,IPR011989,IP
R016024,IPR024931,IPR032413
Pfam:PF00514,PF01749,PF16186;Ontology_term=GO:0005488,GO:0005515,GO:
0005634,GO:0005737,GO:0006606,GO:0008565
SM_V9_ZSR       Liftoff exon    16058056        16058170        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff exon    16058204        16058520        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff exon    16058553        16058786        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff exon    16058820        16059099        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff exon    16059135        16059380        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff exon    16060482        16060664        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff exon    16060814        16060963        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff exon    16061778        16061987        .
        +       .       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16058126        16058170        .
        +       0       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16058204        16058520        .
        +       0       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16058553        16058786        .
        +       1       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16058820        16059099        .
        +       1       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16059135        16059380        .
        +       0       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16060482        16060664        .
        +       0       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16060814        16060963        .
        +       0       Parent=Smp_245030.1
SM_V9_ZSR       Liftoff CDS     16061778        16061915        .
        +       0       Parent=Smp_245030.1
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SM_V9_ZSR       Liftoff gene    16062532        16097267        .
        +       .
ID=Smp_245040;geneID=Smp_245040;previous_systematic_id=Smp_174910
SM_V9_ZSR       Liftoff mRNA    16062532        16097267        .
        +       .
ID=Smp_245040.2;Parent=Smp_245040;geneID=Smp_245040;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    16062532        16063737        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16075248        16075419        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16076493        16076659        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16078018        16078128        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16083256        16083577        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16090815        16090933        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16092217        16092334        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16093011        16093072        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16094043        16094139        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16095448        16095543        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff exon    16097119        16097267        .
        +       .       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16063646        16063737        .
        +       0       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16075248        16075419        .
        +       1       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16076493        16076659        .
        +       0       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16078018        16078128        .
        +       1       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16083256        16083577        .
        +       1       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16090815        16090933        .
        +       0       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16092217        16092334        .
        +       1       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16093011        16093072        .
        +       0       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16094043        16094139        .
        +       1       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16095448        16095543        .
        +       0       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff CDS     16097119        16097205        .
        +       0       Parent=Smp_245040.2
SM_V9_ZSR       Liftoff mRNA    16075232        16097267        .
        +       .
ID=Smp_245040.1;Parent=Smp_245040;geneID=Smp_245040;product=Kinetoch
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ore protein NDC80
SM_V9_ZSR       Liftoff exon    16075232        16075419        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16076493        16076659        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16078018        16078128        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16083256        16083328        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16090815        16090933        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16092217        16092334        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16093011        16093072        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16094043        16094139        .
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SM_V9_ZSR       Liftoff exon    16095448        16095543        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff exon    16097119        16097267        .
        +       .       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff CDS     16075342        16075419        .
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SM_V9_ZSR       Liftoff CDS     16078018        16078128        .
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SM_V9_ZSR       Liftoff CDS     16083256        16083328        .
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        +       1       Parent=Smp_245040.1
SM_V9_ZSR       Liftoff CDS     16093011        16093072        .
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ID=Smp_245040.3;Parent=Smp_245040;geneID=Smp_245040;product=Hypothet
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SM_V9_ZSR       Liftoff exon    16075232        16075419        .
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SM_V9_ZSR       Liftoff exon    16076493        16076659        .
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SM_V9_ZSR       Liftoff exon    16078018        16078128        .
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SM_V9_ZSR       Liftoff exon    16083256        16083577        .
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SM_V9_ZSR       Liftoff exon    16090815        16090933        .
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SM_V9_ZSR       Liftoff CDS     16083256        16083577        .
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SM_V9_ZSR       Liftoff CDS     16090815        16090933        .
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SM_V9_ZSR       Liftoff CDS     16092217        16092334        .
        +       1       Parent=Smp_245040.3
SM_V9_ZSR       Liftoff CDS     16093011        16093072        .
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SM_V9_ZSR       Liftoff CDS     16094043        16094139        .
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SM_V9_ZSR       Liftoff CDS     16095448        16095543        .
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SM_V9_ZSR       Liftoff CDS     16097119        16097205        .
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SM_V9_ZSR       iris    gene    16105322        16125685        .
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ID=Smp_174920;geneID=Smp_174920;gene_name=Smp_174920;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16105322        16125685        .
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ID=Smp_174920.1;Parent=Smp_174920;geneID=Smp_174920;gene_name=Smp_17
4920;owner=irisadmin@local.host;orig_id=Smp_174920.1;date_last_modif
ied=2022-07-19;Name=Smp_174920.1;product=tryptophan
hydroxylase;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16105322        16105374        .
        +       .       Parent=Smp_174920.1;Name=2a7b5fdf-173f-4f86-
a897-3b319697808e
SM_V9_ZSR       iris    exon    16107011        16107271        .
        +       .       Parent=Smp_174920.1;Name=585d4197-de43-4476-
ab6d-090e92dd1a29
SM_V9_ZSR       iris    exon    16108641        16108839        .
        +       .       Parent=Smp_174920.1;Name=e579c799-2061-42af-
b3b4-e86c9ef0b974
SM_V9_ZSR       iris    exon    16110850        16110971        .
        +       .       Parent=Smp_174920.1;Name=f5f00caa-4b98-4056-
a867-01a12bb50d25
SM_V9_ZSR       iris    exon    16111733        16111800        .
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SM_V9_ZSR       iris    exon    16112442        16112492        .
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SM_V9_ZSR       iris    exon    16114255        16114353        .
        +       .       Parent=Smp_174920.1;Name=cc8949f3-
a8cc-4b56-9702-64e64e7ee8f4
SM_V9_ZSR       iris    exon    16115572        16115618        .
        +       .       Parent=Smp_174920.1;Name=2d8c8a5d-
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SM_V9_ZSR       iris    exon    16116251        16116386        .
        +       .       Parent=Smp_174920.1;Name=407d9468-9eb2-406f-
b5e4-1661c0e356fa
SM_V9_ZSR       iris    exon    16118008        16118134        .
        +       .
Parent=Smp_174920.1;Name=32d825a2-946e-4198-85ad-7d668a344dfe
SM_V9_ZSR       iris    exon    16122255        16122350        .
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SM_V9_ZSR       iris    exon    16122897        16123030        .
        +       .       Parent=Smp_174920.1;Name=0bc0ba93-
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SM_V9_ZSR       iris    exon    16124052        16124202        .
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SM_V9_ZSR       iris    exon    16125389        16125685        .
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Parent=Smp_174920.1;Name=044aa4cf-204f-43fa-95ef-09c0c833f50b
SM_V9_ZSR       iris    CDS     16107077        16107271        .
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SM_V9_ZSR       iris    CDS     16108641        16108839        .
        +       0       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16110850        16110971        .
        +       2       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16111733        16111800        .
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SM_V9_ZSR       iris    CDS     16112442        16112492        .
        +       1       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16114255        16114353        .
        +       1       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16115572        16115618        .
        +       1       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16116251        16116386        .
        +       2       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16118008        16118134        .
        +       1       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16122255        16122350        .
        +       0       Parent=Smp_174920.1
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        +       0       Parent=Smp_174920.1
SM_V9_ZSR       iris    CDS     16124052        16124202        .
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ID=Smp_096160.1;Parent=Smp_096160;geneID=Smp_096160;gene_name=Smp_09
6160;owner=irisadmin@local.host;orig_id=Smp_096160.1;date_last_modif
ied=2022-07-19;Name=Smp_096160.1;product=ADP-ribosylation factor-
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        -       .       Parent=Smp_096160.1;Name=6b9d941e-
d3f1-4a1a-8925-38ffd5d3a405
SM_V9_ZSR       iris    exon    16127882        16128451        .
        -       .       Parent=Smp_096160.1;Name=2cc843c0-
e903-4e87-8a68-ced83b079828
SM_V9_ZSR       iris    exon    16133387        16133746        .
        -       .       Parent=Smp_096160.1;Name=33cd5ce5-84e2-4dc6-
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SM_V9_ZSR       iris    exon    16134783        16134888        .
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Parent=Smp_096160.1;Name=edf4173d-5b8a-442c-952c-185f048d1cd7
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SM_V9_ZSR       iris    exon    16135239        16135309        .
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Parent=Smp_096160.1;Name=9422c6f4-5edf-4c0f-8428-b57f94a6a9f5
SM_V9_ZSR       iris    exon    16140802        16141004        .
        -       .       Parent=Smp_096160.1;Name=d037397f-5257-44d0-
b1dc-299d39ffc2d7
SM_V9_ZSR       iris    exon    16141042        16141171        .
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Parent=Smp_096160.1;Name=02727e3e-669b-44e9-9c2f-f9742c57f00f
SM_V9_ZSR       iris    CDS     16126606        16126884        .
        -       0       Parent=Smp_096160.1
SM_V9_ZSR       iris    CDS     16127882        16128451        .
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SM_V9_ZSR       iris    CDS     16133387        16133746        .
        -       0       Parent=Smp_096160.1
SM_V9_ZSR       iris    CDS     16134783        16134888        .
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SM_V9_ZSR       iris    CDS     16134940        16135189        .
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SM_V9_ZSR       iris    gene    16156572        16175825        .
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7670;owner=irisadmin@local.host;orig_id=Smp_347670.2;date_last_modif
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        +       .       Parent=Smp_347670.1;Name=e0a0d6d0-ca53-4302-
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SM_V9_ZSR       iris    exon    16156940        16157066        .
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Parent=Smp_347670.1;Name=1010f246-5991-4a84-9c90-496451527757
SM_V9_ZSR       iris    exon    16157101        16157227        .
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Parent=Smp_347670.1;Name=74ffa1ef-6db0-41e7-8f3d-9026ab306f9e
SM_V9_ZSR       iris    exon    16157364        16157454        .
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Parent=Smp_347670.1;Name=3f752ae7-735c-4426-9bf6-aac50a0eee00
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SM_V9_ZSR       iris    exon    16165535        16165801        .
        +       .       Parent=Smp_347670.1;Name=8c305b2d-
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SM_V9_ZSR       iris    exon    16166804        16167181        .
        +       .       Parent=Smp_347670.1;Name=49b3cf46-688b-428e-
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Parent=Smp_347670.1;Name=066aea09-78f3-4543-98af-0de52168c77b
SM_V9_ZSR       iris    exon    16173634        16173851        .
        +       .
Parent=Smp_347670.1;Name=8317d480-4b46-434b-9721-9a471a2554fb
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        +       1       Parent=Smp_347670.1
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        +       0       Parent=Smp_347670.1
SM_V9_ZSR       iris    CDS     16157101        16157227        .
        +       2       Parent=Smp_347670.1
SM_V9_ZSR       iris    CDS     16157262        16157328        .
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SM_V9_ZSR       iris    gene    16205360        16206532        .
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SM_V9_ZSR       iris    mRNA    16205360        16206532        .
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ID=Smp_174950.1;Parent=Smp_174950;geneID=Smp_174950;gene_name=Smp_17
4950;owner=irisadmin@local.host;orig_id=Smp_174950.1;date_last_modif
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Parent=Smp_174950.1;Name=fe467006-855d-4a6a-8eef-d7c8fa15239b
SM_V9_ZSR       iris    exon    16205424        16205491        .
        +       .       Parent=Smp_174950.1;Name=fb1df634-7a76-42b2-
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SM_V9_ZSR       iris    exon    16205526        16205807        .
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Parent=Smp_174950.1;Name=12cfd690-35f5-4b69-9a90-444deb6535c1
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SM_V9_ZSR       iris    CDS     16205384        16205386        .
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SM_V9_ZSR       iris    CDS     16205424        16205491        .
        +       0       Parent=Smp_174950.1
SM_V9_ZSR       iris    CDS     16205526        16205807        .
        +       1       Parent=Smp_174950.1
SM_V9_ZSR       iris    CDS     16206425        16206500        .
        +       1       Parent=Smp_174950.1
SM_V9_ZSR       iris    gene    16208467        16240121        .
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ID=Smp_174960;geneID=Smp_174960;gene_name=Smp_174960;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16208467        16240121        .
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ID=Smp_174960.1;Parent=Smp_174960;geneID=Smp_174960;gene_name=Smp_17
4960;owner=irisadmin@local.host;orig_id=Smp_174960.2;date_last_modif
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7-19
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        -       .
Parent=Smp_174960.1;Name=c2c2da58-512d-4d0c-96e4-4d000fd1d010
SM_V9_ZSR       iris    exon    16217915        16218673        .
        -       .       Parent=Smp_174960.1;Name=fcb3c5f4-f917-4e48-
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SM_V9_ZSR       iris    exon    16224459        16224846        .
        -       .
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        -       .       Parent=Smp_174960.1;Name=e208f54d-
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        -       .       Parent=Smp_174960.1;Name=4be0f30e-7185-4049-
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SM_V9_ZSR       iris    exon    16235622        16235677        .
        -       .       Parent=Smp_174960.1;Name=25130c69-
f7d9-4973-9e32-79ea094fcdfc
SM_V9_ZSR       iris    exon    16238557        16238737        .
        -       .       Parent=Smp_174960.1;Name=f31bdb0d-60da-4c44-
bd38-6f2f98fa092b
SM_V9_ZSR       iris    exon    16238772        16238915        .
        -       .       Parent=Smp_174960.1;Name=7fc3fb4a-2cfe-4c2d-
ac1f-30ee21a2eb86
SM_V9_ZSR       iris    exon    16238953        16239135        .
        -       .       Parent=Smp_174960.1;Name=f7024c55-3803-4610-
a683-d12972dce508
SM_V9_ZSR       iris    exon    16240054        16240121        .
        -       .       Parent=Smp_174960.1;Name=62a6817f-
c80f-421c-8c4d-420db504270c
SM_V9_ZSR       iris    CDS     16208628        16208719        .
        -       2       Parent=Smp_174960.1
SM_V9_ZSR       iris    CDS     16213018        16213262        .
        -       1       Parent=Smp_174960.1
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SM_V9_ZSR	iris	CDS	16214224	16214617	.
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SM_V9_ZSR	iris	CDS	16215252	16216065	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16217915	16218673	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16218979	16219334	.
	-	2	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16224459	16224846	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16226224	16226358	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16228078	16228146	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16231175	16231250	.
	-	1	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16231302	16231474	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16235622	16235677	.
	-	2	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16238557	16238737	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16238772	16238915	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	CDS	16238953	16239033	.
	-	0	Parent=Smp_174960.1
SM_V9_ZSR	iris	gene	16252131	16270231	.
	-	.
ID=Smp_096200;geneID=Smp_096200;gene_name=Smp_096200;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR	iris	mRNA	16252131	16270231	.
	-	.
ID=Smp_096200.1;Parent=Smp_096200;geneID=Smp_096200;gene_name=Smp_09
6200;owner=irisadmin@local.host;orig_id=Smp_096200.1;date_last_modif
ied=2022-07-19;Name=Smp_096200.1;product=tRNA-dihydrouridine(16/17)
synthase [NAD(P)(+)]-like;date_creation=2022-07-19
SM_V9_ZSR	iris	exon	16252131	16252371	.
	-	.	Parent=Smp_096200.1;Name=73925aa6-
cf13-49d1-99e0-5adbb59af594
SM_V9_ZSR	iris	exon	16255289	16255569	.
	-	.	Parent=Smp_096200.1;Name=d4e355f8-
b0ab-4445-84d0-87b7262ee679
SM_V9_ZSR	iris	exon	16256098	16256382	.
	-	.
Parent=Smp_096200.1;Name=fca60470-95e8-4f2b-9296-3760fcfb2b87
SM_V9_ZSR	iris	exon	16259674	16259770	.
	-	.	Parent=Smp_096200.1;Name=d00a61ef-3977-4fd3-
b22e-143e42f21529
SM_V9_ZSR	iris	exon	16261138	16261282	.
	-	.	Parent=Smp_096200.1;Name=050e4afa-a69d-49e9-
ba74-46ef07f84bd3
SM_V9_ZSR	iris	exon	16263829	16263932	.
	-	.	Parent=Smp_096200.1;Name=d45822ed-7089-4c43-
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SM_V9_ZSR	iris	exon	16264583	16264778	.
	-	.	Parent=Smp_096200.1;Name=8d8be2e6-
f015-4c63-890e-9a077d89d059
SM_V9_ZSR	iris	exon	16269496	16269655	.
	-	.	Parent=Smp_096200.1;Name=a0b3ff91-
a5a0-4d69-95e4-b0bf6bff4f36
SM_V9_ZSR	iris	exon	16269694	16270061	.
	-	.	Parent=Smp_096200.1;Name=1af2f656-d443-4082-
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SM_V9_ZSR	iris	exon	16270098	16270231	.
	-	.	Parent=Smp_096200.1;Name=f9f36def-ad19-4c90-
b985-bc97f8bf34dc
SM_V9_ZSR	iris	CDS	16255441	16255569	.
	-	0	Parent=Smp_096200.1
SM_V9_ZSR	iris	CDS	16256098	16256382	.
	-	0	Parent=Smp_096200.1
SM_V9_ZSR	iris	CDS	16259674	16259770	.
	-	1	Parent=Smp_096200.1
SM_V9_ZSR	iris	CDS	16261138	16261282	.
	-	2	Parent=Smp_096200.1
SM_V9_ZSR	iris	CDS	16263829	16263932	.
	-	1	Parent=Smp_096200.1
SM_V9_ZSR	iris	CDS	16264583	16264778	.
	-	2	Parent=Smp_096200.1
SM_V9_ZSR	iris	CDS	16269496	16269655	.
	-	0	Parent=Smp_096200.1
SM_V9_ZSR	iris	CDS	16269694	16269903	.
	-	0	Parent=Smp_096200.1
SM_V9_ZSR	iris	gene	16282875	16285148	.
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ID=Smp_096210;geneID=Smp_096210;gene_name=Smp_096210;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR	iris	mRNA	16282875	16285148	.
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ID=Smp_096210.1;Parent=Smp_096210;geneID=Smp_096210;gene_name=Smp_09
6210;owner=irisadmin@local.host;orig_id=Smp_096210.1;date_last_modif
ied=2022-07-19;Name=Smp_096210.1;product=UPF0502 protein
Daci_5373;date_creation=2022-07-19
SM_V9_ZSR	iris	exon	16282875	16283316	.
	+	.	Parent=Smp_096210.1;Name=708fc575-
baf3-4468-8371-3eaacf39b009
SM_V9_ZSR	iris	exon	16283353	16283449	.
	+	.	Parent=Smp_096210.1;Name=e6b8859f-e43b-4cd8-
a8f8-84e5ec8ea395
SM_V9_ZSR	iris	exon	16283484	16285148	.
	+	.
Parent=Smp_096210.1;Name=885479c8-6933-4d1a-8cef-97fe9b599ffa
SM_V9_ZSR	iris	CDS	16283236	16283316	.
	+	0	Parent=Smp_096210.1
SM_V9_ZSR	iris	CDS	16283353	16283449	.
	+	0	Parent=Smp_096210.1
SM_V9_ZSR	iris	CDS	16283484	16284871	.
	+	2	Parent=Smp_096210.1
SM_V9_ZSR	iris	gene	16295186	16323278	.
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ID=Smp_332940;geneID=Smp_332940;gene_name=Smp_332940;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16295186        16323278        .
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ID=Smp_332940.1;Parent=Smp_332940;geneID=Smp_332940;gene_name=Smp_33
2940;owner=irisadmin@local.host;orig_id=Smp_332940.1;date_last_modif
ied=2022-07-19;Name=Smp_332940.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16295186        16295844        .
        -       .       Parent=Smp_332940.1;Name=c99fd182-
e656-4634-92f3-459ba7f4f183
SM_V9_ZSR       iris    exon    16303055        16303530        .
        -       .
Parent=Smp_332940.1;Name=2c585d6a-6bc2-47fc-97a4-7dd55474ac24
SM_V9_ZSR       iris    exon    16307641        16308190        .
        -       .
Parent=Smp_332940.1;Name=1f02fa8c-3e94-4d63-887a-757301ddab65
SM_V9_ZSR       iris    exon    16308576        16308692        .
        -       .       Parent=Smp_332940.1;Name=87ae0c0c-3e5b-4faf-
b628-f38ec2e02055
SM_V9_ZSR       iris    exon    16312056        16313005        .
        -       .       Parent=Smp_332940.1;Name=e923aafa-
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SM_V9_ZSR       iris    exon    16322355        16322563        .
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Parent=Smp_332940.1;Name=ff000263-45bd-404b-8510-9fe1038fd306
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        -       .       Parent=Smp_332940.1;Name=af051ecf-b5d9-4e54-
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SM_V9_ZSR       iris    CDS     16295369        16295844        .
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SM_V9_ZSR       iris    CDS     16308576        16308692        .
        -       2       Parent=Smp_332940.1
SM_V9_ZSR       iris    CDS     16312056        16313005        .
        -       1       Parent=Smp_332940.1
SM_V9_ZSR       iris    CDS     16322355        16322563        .
        -       0       Parent=Smp_332940.1
SM_V9_ZSR       iris    CDS     16323047        16323127        .
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SM_V9_ZSR       iris    gene    16345375        16358627        .
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ID=Smp_059290;geneID=Smp_059290;gene_name=Smp_059290;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    16345375        16358627        .
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ID=Smp_059290.1;Parent=Smp_059290;geneID=Smp_059290;gene_name=Smp_05
9290;owner=irisadmin@local.host;orig_id=Smp_059290.1;date_last_modif
ied=2022-08-02;Name=Smp_059290.1;product=Dual specificity protein
phosphatase 23;date_creation=2022-08-02
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SM_V9_ZSR       iris    exon    16345375        16345566        .
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Parent=Smp_059290.1;Name=b4024ca2-203d-46f9-90bd-d102ee9267b4
SM_V9_ZSR       iris    exon    16349669        16349769        .
        +       .       Parent=Smp_059290.1;Name=07cf15a6-f0ac-4eb9-
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SM_V9_ZSR       iris    exon    16356584        16358627        .
        +       .
Parent=Smp_059290.1;Name=08f52c30-85e3-494e-8ea3-ab2b1c385bec
SM_V9_ZSR       iris    CDS     16345404        16345566        .
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SM_V9_ZSR       iris    CDS     16349669        16349769        .
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SM_V9_ZSR       iris    CDS     16356584        16356769        .
        +       0       Parent=Smp_059290.1
SM_V9_ZSR       iris    gene    16385270        16473449        .
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ID=Smp_344620;geneID=Smp_344620;gene_name=Smp_344620;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16385270        16473449        .
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ID=Smp_344620.1;Parent=Smp_344620;geneID=Smp_344620;gene_name=Smp_34
4620;owner=irisadmin@local.host;orig_id=Smp_344620.2;date_last_modif
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protein;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16385270        16385423        .
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SM_V9_ZSR       iris    exon    16385470        16386651        .
        +       .       Parent=Smp_344620.1;Name=52499167-6b10-4412-
bf95-9b1af326bd12
SM_V9_ZSR       iris    exon    16405689        16405799        .
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Parent=Smp_344620.1;Name=d35dac5d-2a4b-44df-9702-43bf3dc6e5de
SM_V9_ZSR       iris    exon    16411836        16412033        .
        +       .       Parent=Smp_344620.1;Name=a1c1c11e-1bb3-4ed0-
a3aa-dd3c610a0084
SM_V9_ZSR       iris    exon    16414519        16414617        .
        +       .
Parent=Smp_344620.1;Name=0b4b318f-3139-4290-92a6-325e5409ac53
SM_V9_ZSR       iris    exon    16421288        16421476        .
        +       .       Parent=Smp_344620.1;Name=98db30e7-13b6-40d8-
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SM_V9_ZSR       iris    exon    16422311        16422409        .
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Parent=Smp_344620.1;Name=8cc8ad00-6a1e-44e2-89e8-94e8504a733a
SM_V9_ZSR       iris    exon    16423839        16424036        .
        +       .
Parent=Smp_344620.1;Name=1b536295-23d4-4edc-88e7-cf0bfd46f6e4
SM_V9_ZSR       iris    exon    16425232        16425330        .
        +       .       Parent=Smp_344620.1;Name=91eb10a6-b574-44cb-
ba90-cc05214a52bb
SM_V9_ZSR       iris    exon    16427945        16428043        .
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a897-6ce196dbd21c
SM_V9_ZSR       iris    exon    16430941        16431039        .
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Parent=Smp_344620.1;Name=ad3175bc-7c82-4359-88ee-f538b4256032
SM_V9_ZSR       iris    exon    16431912        16432109        .
        +       .       Parent=Smp_344620.1;Name=94cbe85a-abe0-4708-
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SM_V9_ZSR       iris    exon    16432827        16433024        .
        +       .       Parent=Smp_344620.1;Name=891f5587-
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SM_V9_ZSR       iris    exon    16433702        16433851        .
        +       .       Parent=Smp_344620.1;Name=877501e5-dadd-4342-
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SM_V9_ZSR       iris    exon    16434920        16435171        .
        +       .       Parent=Smp_344620.1;Name=429df482-7417-46ce-
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SM_V9_ZSR       iris    exon    16436070        16436387        .
        +       .
Parent=Smp_344620.1;Name=764b1e37-9538-49c4-92e1-fec0f19bd9a9
SM_V9_ZSR       iris    exon    16436554        16436761        .
        +       .       Parent=Smp_344620.1;Name=a05099df-0e64-40c2-
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SM_V9_ZSR       iris    exon    16437854        16437922        .
        +       .
Parent=Smp_344620.1;Name=c40fb206-651c-4677-998f-be1f5785373d
SM_V9_ZSR       iris    exon    16440181        16440282        .
        +       .
Parent=Smp_344620.1;Name=9be7afa4-0808-4647-8a5e-afa0568724a0
SM_V9_ZSR       iris    exon    16441159        16441238        .
        +       .       Parent=Smp_344620.1;Name=cf68bdc4-3ee6-442c-
ac6b-e2b20f908d6f
SM_V9_ZSR       iris    exon    16444356        16444483        .
        +       .       Parent=Smp_344620.1;Name=24541b42-c6eb-4a24-
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SM_V9_ZSR       iris    exon    16444518        16444703        .
        +       .       Parent=Smp_344620.1;Name=21d0dc01-0759-4c38-
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SM_V9_ZSR       iris    exon    16446468        16446658        .
        +       .       Parent=Smp_344620.1;Name=c41215fc-9606-409f-
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SM_V9_ZSR       iris    exon    16448486        16448700        .
        +       .       Parent=Smp_344620.1;Name=e870a326-dd6f-4ebb-
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SM_V9_ZSR       iris    exon    16448831        16449129        .
        +       .       Parent=Smp_344620.1;Name=5120a8e2-c372-4f3f-
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SM_V9_ZSR       iris    exon    16453211        16453544        .
        +       .       Parent=Smp_344620.1;Name=fbf159eb-
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SM_V9_ZSR       iris    exon    16455150        16455459        .
        +       .       Parent=Smp_344620.1;Name=3688955d-
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Parent=Smp_344620.1;Name=8f6e9479-0909-4c6a-943e-5e859112000b
SM_V9_ZSR       iris    exon    16465807        16466163        .
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Parent=Smp_344620.1;Name=0540e115-5d2f-49cc-9b41-18bc2c7d9bb2
SM_V9_ZSR       iris    exon    16467696        16468162        .
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SM_V9_ZSR       iris    CDS     16422311        16422409        .
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SM_V9_ZSR       iris    CDS     16423839        16424036        .
        +       0       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16425232        16425330        .
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SM_V9_ZSR       iris    CDS     16427945        16428043        .
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SM_V9_ZSR       iris    CDS     16430941        16431039        .
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SM_V9_ZSR       iris    CDS     16431912        16432109        .
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SM_V9_ZSR       iris    CDS     16432827        16433024        .
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SM_V9_ZSR       iris    CDS     16433702        16433851        .
        +       0       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16434920        16435171        .
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SM_V9_ZSR       iris    CDS     16436070        16436387        .
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SM_V9_ZSR       iris    CDS     16436554        16436761        .
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SM_V9_ZSR       iris    CDS     16437854        16437922        .
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SM_V9_ZSR       iris    CDS     16444518        16444703        .
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SM_V9_ZSR       iris    CDS     16446468        16446658        .
        +       1       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16448486        16448700        .
        +       2       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16448831        16449129        .
        +       0       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16453211        16453544        .
        +       1       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16455150        16455459        .
        +       0       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16461151        16461372        .
        +       2       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16462758        16462904        .
        +       2       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16464294        16464713        .
        +       2       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16465807        16466163        .
        +       2       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16467696        16468162        .
        +       2       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16469898        16470099        .
        +       0       Parent=Smp_344620.1
SM_V9_ZSR       iris    CDS     16470975        16473340        .
        +       2       Parent=Smp_344620.1
SM_V9_ZSR       iris    gene    16492732        16503738        .
        +       .
ID=Smp_344610;geneID=Smp_344610;gene_name=Smp_344610;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16492732        16503738        .
        +       .
ID=Smp_344610.1;Parent=Smp_344610;geneID=Smp_344610;gene_name=Smp_34
4610;owner=irisadmin@local.host;orig_id=Smp_344610.1;date_last_modif
ied=2022-07-20;Name=Smp_344610.1;product=A.1.12/9
antigen;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16492732        16499605        .
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Parent=Smp_344610.1;Name=b3aff6ff-526c-403f-8f5b-22c32891d4ae
SM_V9_ZSR       iris    exon    16502324        16503738        .
        +       .       Parent=Smp_344610.1;Name=60bf910b-
b9d5-408c-9927-8626964e275e
SM_V9_ZSR       iris    CDS     16492942        16499064        .
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SM_V9_ZSR       iris    gene    16557766        16575430        .
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ID=Smp_139930;geneID=Smp_139930;gene_name=Smp_139930;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16557766        16575430        .
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phosphatase non-receptor type 1;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16557766        16558989        .
        -       .       Parent=Smp_139930.1;Name=3274a492-d2e3-4244-
b2c7-9e394f6018cd
SM_V9_ZSR       iris    exon    16561759        16562219        .
        -       .       Parent=Smp_139930.1;Name=da039b14-9f03-481f-
b2cf-a045698cab15
SM_V9_ZSR       iris    exon    16565780        16565956        .
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Parent=Smp_139930.1;Name=865b4feb-7c2f-4545-969e-090fd57a3cd4
SM_V9_ZSR       iris    exon    16566810        16567019        .
        -       .       Parent=Smp_139930.1;Name=cf64cd5a-9654-4f7a-
a793-e5ea1b0757b4
SM_V9_ZSR       iris    exon    16574722        16575068        .
        -       .
Parent=Smp_139930.1;Name=5948bcda-53e5-4ce8-8410-4c45f16185d1
SM_V9_ZSR       iris    exon    16575102        16575204        .
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a4a2-1140c3eb642e
SM_V9_ZSR       iris    exon    16575239        16575430        .
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b35d-75500f336471
SM_V9_ZSR       iris    CDS     16558503        16558989        .
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SM_V9_ZSR       iris    CDS     16561759        16562219        .
        -       0       Parent=Smp_139930.1
SM_V9_ZSR       iris    CDS     16565780        16565956        .
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SM_V9_ZSR       iris    CDS     16566810        16567019        .
        -       0       Parent=Smp_139930.1
SM_V9_ZSR       iris    CDS     16574722        16575068        .
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SM_V9_ZSR       iris    CDS     16575102        16575204        .
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SM_V9_ZSR       iris    CDS     16575239        16575340        .
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SM_V9_ZSR       Liftoff gene    16584545        16597787        .
        -       .       ID=Smp_139940;geneID=Smp_139940
SM_V9_ZSR       Liftoff mRNA    16584545        16597787        .
        -       .
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domain, class 6, transcription factor
1;polypeptide_domain=InterPro:IPR000327,IPR001356,IPR009057,IPR01098
2,IPR013847
Pfam:PF00046,PF00157;Ontology_term=GO:0003677,GO:0003700,GO:0006355
SM_V9_ZSR       Liftoff exon    16584545        16584926        .
        -       .       Parent=Smp_139940.1
SM_V9_ZSR       Liftoff exon    16590443        16590666        .
        -       .       Parent=Smp_139940.1
SM_V9_ZSR       Liftoff exon    16591789        16592212        .
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        -       .       Parent=Smp_139940.1
SM_V9_ZSR       Liftoff exon    16595102        16597787        .
        -       .       Parent=Smp_139940.1
SM_V9_ZSR       Liftoff CDS     16584802        16584926        .
        -       2       Parent=Smp_139940.1
SM_V9_ZSR       Liftoff CDS     16590443        16590666        .
        -       1       Parent=Smp_139940.1
SM_V9_ZSR       Liftoff CDS     16591789        16592212        .
        -       2       Parent=Smp_139940.1
SM_V9_ZSR       Liftoff CDS     16595102        16595582        .
        -       0       Parent=Smp_139940.1
SM_V9_ZSR       iris    gene    16613461        16618072        .
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ID=Smp_032920;geneID=Smp_032920;gene_name=Smp_032920;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    16613461        16618072        .
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ID=Smp_032920.1;Parent=Smp_032920;geneID=Smp_032920;gene_name=Smp_03
2920;owner=irisadmin@local.host;orig_id=Smp_032920.1;date_last_modif
ied=2022-08-02;Name=Smp_032920.1;product=SOSS complex subunit B1-
B;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    16613461        16613514        .
        +       .
Parent=Smp_032920.1;Name=688f1c3d-1911-46d8-87a6-c841c07e2f86
SM_V9_ZSR       iris    exon    16617450        16617575        .
        +       .
Parent=Smp_032920.1;Name=ca048183-0cf4-4b0b-80f4-486804ccd75c
SM_V9_ZSR       iris    exon    16617618        16617828        .
        +       .       Parent=Smp_032920.1;Name=771c5602-0ece-4148-
b86a-328a7dfd7776
SM_V9_ZSR       iris    exon    16617869        16617935        .
        +       .       Parent=Smp_032920.1;Name=b8cd9ff9-
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SM_V9_ZSR       iris    exon    16617983        16618072        .
        +       .       Parent=Smp_032920.1;Name=70861906-1fa5-4f63-
ac89-e456360c93de
SM_V9_ZSR       iris    CDS     16617485        16617575        .
        +       0       Parent=Smp_032920.1
SM_V9_ZSR       iris    CDS     16617618        16617828        .
        +       2       Parent=Smp_032920.1
SM_V9_ZSR       iris    CDS     16617869        16617935        .
        +       1       Parent=Smp_032920.1
SM_V9_ZSR       iris    CDS     16617983        16618030        .
        +       0       Parent=Smp_032920.1
SM_V9_ZSR       iris    gene    16618844        16647695        .
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ID=Smp_032930;geneID=Smp_032930;gene_name=Smp_032930;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    16618844        16647695        .
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ID=Smp_032930.1;Parent=Smp_032930;geneID=Smp_032930;gene_name=Smp_03
2930;owner=irisadmin@local.host;orig_id=Smp_032930.1;date_last_modif
ied=2022-08-20;Name=Smp_032930.1;product=UV-stimulated scaffold
protein A;date_creation=2022-08-20
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SM_V9_ZSR	iris	exon	16618844	16618987	.
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SM_V9_ZSR	iris	exon	16622293	16622506	.
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Parent=Smp_032930.1;Name=53e7955e-3cab-42c4-8dc9-32da7ad16e1f
SM_V9_ZSR	iris	exon	16623134	16623530	.
	+	.	Parent=Smp_032930.1;Name=dcc87134-98e1-45c4-
a2f7-6ae9a37be3ae
SM_V9_ZSR	iris	exon	16624349	16624749	.
	+	.
Parent=Smp_032930.1;Name=1de4962a-8fba-4d33-9e3e-4e363325e4ef
SM_V9_ZSR	iris	exon	16625999	16626173	.
	+	.	Parent=Smp_032930.1;Name=10749f26-d7e1-4187-
ac50-4f70db0d5aa4
SM_V9_ZSR	iris	exon	16629964	16630171	.
	+	.	Parent=Smp_032930.1;Name=42804378-
ca72-4c16-955c-aabcfb561bd5
SM_V9_ZSR	iris	exon	16635750	16636033	.
	+	.
Parent=Smp_032930.1;Name=efbfbf3a-9c23-4294-9b87-f95960c61be9
SM_V9_ZSR	iris	exon	16638560	16638754	.
	+	.	Parent=Smp_032930.1;Name=1eb77284-1122-40a0-
b750-af4acf4be3c2
SM_V9_ZSR	iris	exon	16642569	16642680	.
	+	.	Parent=Smp_032930.1;Name=ad06c8db-
be81-45b0-9301-ab49fd4aab22
SM_V9_ZSR	iris	exon	16647482	16647695	.
	+	.	Parent=Smp_032930.1;Name=31a24512-c9e8-4c7d-
ae72-9f1a2075b474
SM_V9_ZSR	iris	CDS	16618860	16618987	.
	+	0	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16622293	16622506	.
	+	1	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16623134	16623530	.
	+	0	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16624349	16624749	.
	+	2	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16625999	16626173	.
	+	0	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16629964	16630171	.
	+	2	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16635750	16636033	.
	+	1	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16638560	16638754	.
	+	2	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16642569	16642680	.
	+	2	Parent=Smp_032930.1
SM_V9_ZSR	iris	CDS	16647482	16647503	.
	+	1	Parent=Smp_032930.1
SM_V9_ZSR	Liftoff	gene	16648192	16660851	.
	-	.
ID=Smp_343350;geneID=Smp_343350;previous_systematic_id=Smp_139950
SM_V9_ZSR	Liftoff	mRNA	16648192	16660851	.
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ID=Smp_343350.1;Parent=Smp_343350;geneID=Smp_343350;product=Homocyst
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member 2
protein;polypeptide_domain=InterPro:IPR000626,IPR029071;Ontology_ter
m=GO:0005515
SM_V9_ZSR       Liftoff exon    16648192        16648646        .
        -       .       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff exon    16650990        16651092        .
        -       .       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff exon    16657558        16658008        .
        -       .       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff exon    16658520        16658659        .
        -       .       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff exon    16660468        16660562        .
        -       .       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff exon    16660591        16660851        .
        -       .       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff CDS     16648437        16648646        .
        -       0       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff CDS     16650990        16651092        .
        -       1       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff CDS     16657558        16658008        .
        -       2       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff CDS     16658520        16658659        .
        -       1       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff CDS     16660468        16660562        .
        -       0       Parent=Smp_343350.1
SM_V9_ZSR       Liftoff CDS     16660591        16660803        .
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SM_V9_ZSR       iris    gene    16689125        16689560        .
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    16689125        16689560        .
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ID=Smp_032950.1;Parent=Smp_032950;geneID=Smp_032950;gene_name=Smp_03
2950;owner=irisadmin@local.host;orig_id=Smp_032950.1;date_last_modif
ied=2022-07-19;Name=Smp_032950.1;product=Calcium-binding
protein;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16689125        16689393        .
        -       .       Parent=Smp_032950.1;Name=ad6de4ce-
a35e-4dc9-8bb2-e7aa89dc2ab7
SM_V9_ZSR       iris    exon    16689476        16689560        .
        -       .       Parent=Smp_032950.1;Name=a5ff9049-f8ae-471c-
a738-bb1da7740638
SM_V9_ZSR       iris    CDS     16689192        16689393        .
        -       1       Parent=Smp_032950.1
SM_V9_ZSR       iris    CDS     16689476        16689486        .
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SM_V9_ZSR       iris    gene    16708961        16710601        .
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ID=Smp_139970;geneID=Smp_139970;gene_name=Smp_139970;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
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SM_V9_ZSR	iris	mRNA	16708961	16710601	.
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ID=Smp_139970.1;Parent=Smp_139970;geneID=Smp_139970;gene_name=Smp_13
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ied=2022-07-19;Name=Smp_139970.1;product=Calcium-binding
protein;date_creation=2022-07-19
SM_V9_ZSR	iris	exon	16708961	16709009	.
	+	.	Parent=Smp_139970.1;Name=c7a6e87e-5c8e-480a-
b67f-375bf44f997a
SM_V9_ZSR	iris	exon	16709120	16709142	.
	+	.
Parent=Smp_139970.1;Name=2639bf15-56fe-470c-9f73-b76e25f9f683
SM_V9_ZSR	iris	exon	16710121	16710601	.
	+	.	Parent=Smp_139970.1;Name=03d28663-9e28-48ba-
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SM_V9_ZSR	iris	CDS	16709138	16709142	.
	+	0	Parent=Smp_139970.1
SM_V9_ZSR	iris	CDS	16710121	16710337	.
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SM_V9_ZSR	iris	gene	16728681	16731304	.
	+	.
ID=Smp_032970;geneID=Smp_032970;gene_name=Smp_032970;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	16728681	16731304	.
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ied=2022-08-02;Name=Smp_032970.1;product=Calmodulin;date_creation=20
22-08-02
SM_V9_ZSR	iris	exon	16728681	16728747	.
	+	.	Parent=Smp_032970.1;Name=8669d69e-
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SM_V9_ZSR	iris	exon	16730946	16731304	.
	+	.
Parent=Smp_032970.1;Name=d1ab6031-8af7-450b-8e72-edea860f1d5e
SM_V9_ZSR	iris	CDS	16728731	16728747	.
	+	0	Parent=Smp_032970.1
SM_V9_ZSR	iris	CDS	16730946	16731189	.
	+	1	Parent=Smp_032970.1
SM_V9_ZSR	Liftoff	gene	16732561	16734345	.
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SM_V9_ZSR	Liftoff	mRNA	16732561	16734345	.
	+	.
ID=Smp_032980.1;Parent=Smp_032980;geneID=Smp_032980;product=Calmodul
in-like
protein;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_ZSR	Liftoff	exon	16732561	16732613	.
	+	.	Parent=Smp_032980.1
SM_V9_ZSR	Liftoff	exon	16733998	16734345	.
	+	.	Parent=Smp_032980.1
SM_V9_ZSR	Liftoff	CDS	16732609	16732613	.
	+	0	Parent=Smp_032980.1
SM_V9_ZSR	Liftoff	CDS	16733998	16734238	.
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        +       1       Parent=Smp_032980.1
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SM_V9_ZSR       Liftoff mRNA    16743641        16745908        .
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ID=Smp_032990.1;Parent=Smp_032990;geneID=Smp_032990;product=Probable
calcium-binding protein
CML11;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_ZSR       Liftoff exon    16743641        16743712        .
        +       .       Parent=Smp_032990.1
SM_V9_ZSR       Liftoff exon    16745534        16745908        .
        +       .       Parent=Smp_032990.1
SM_V9_ZSR       Liftoff CDS     16743696        16743712        .
        +       0       Parent=Smp_032990.1
SM_V9_ZSR       Liftoff CDS     16745534        16745741        .
        +       1       Parent=Smp_032990.1
SM_V9_ZSR       iris    gene    16758258        16758691        .
        +       .
ID=Smp_033000;geneID=Smp_033000;gene_name=Smp_033000;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    16758258        16758691        .
        +       .
ID=Smp_033000.1;Parent=Smp_033000;geneID=Smp_033000;gene_name=Smp_03
3000;owner=irisadmin@local.host;orig_id=Smp_033000.1;date_last_modif
ied=2022-07-19;Name=Smp_033000.1;product=calcium-binding
protein;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16758258        16758337        .
        +       .
Parent=Smp_033000.1;Name=da962333-0604-4fa7-9990-fb5f7bc358ec
SM_V9_ZSR       iris    exon    16758429        16758691        .
        +       .
Parent=Smp_033000.1;Name=c32c19e4-8a4b-4f1f-8851-b4e7a00b55b1
SM_V9_ZSR       iris    CDS     16758330        16758337        .
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SM_V9_ZSR       iris    CDS     16758429        16758630        .
        +       1       Parent=Smp_033000.1
SM_V9_ZSR       iris    gene    16773176        16781590        .
        +       .
ID=Smp_033010;geneID=Smp_033010;gene_name=Smp_033010;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    16773176        16781590        .
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ID=Smp_033010.1;Parent=Smp_033010;geneID=Smp_033010;gene_name=Smp_03
3010;owner=irisadmin@local.host;orig_id=Smp_033010.1;date_last_modif
ied=2022-09-30;Name=Smp_033010.1;product=16 kDa calcium-binding
protein;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16773176        16773265        .
        +       .       Parent=Smp_033010.1;Name=525a1515-44dc-47bf-
aa73-38842911e8f3
SM_V9_ZSR       iris    exon    16775003        16775131        .
        +       .       Parent=Smp_033010.1;Name=2c494a22-301f-46d2-
b0dd-5075f14558d8
SM_V9_ZSR       iris    exon    16777663        16777757        .
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        +       .       Parent=Smp_033010.1;Name=556e0a00-2c5d-479d-
b365-fa70e0b5fb6a
SM_V9_ZSR       iris    exon    16780665        16781590        .
        +       .       Parent=Smp_033010.1;Name=514b4190-3d96-4f2b-
a12e-4ca3b85dab28
SM_V9_ZSR       iris    CDS     16773257        16773265        .
        +       0       Parent=Smp_033010.1
SM_V9_ZSR       iris    CDS     16775003        16775131        .
        +       0       Parent=Smp_033010.1
SM_V9_ZSR       iris    CDS     16777663        16777757        .
        +       0       Parent=Smp_033010.1
SM_V9_ZSR       iris    CDS     16780665        16780872        .
        +       1       Parent=Smp_033010.1
SM_V9_ZSR       iris    gene    16794357        16805037        .
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ID=Smp_033020;geneID=Smp_033020;gene_name=Smp_033020;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16794357        16805037        .
        -       .
ID=Smp_033020.1;Parent=Smp_033020;geneID=Smp_033020;gene_name=Smp_03
3020;owner=irisadmin@local.host;orig_id=Smp_033020.1;date_last_modif
ied=2022-07-19;Name=Smp_033020.1;product=Histone chaperone
ASF1;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16794357        16795247        .
        -       .
Parent=Smp_033020.1;Name=11a00e0a-7af5-4385-8793-f6fa0e4fe860
SM_V9_ZSR       iris    exon    16803107        16803399        .
        -       .
Parent=Smp_033020.1;Name=c09cbbc6-06e6-4357-8652-df2e300de2eb
SM_V9_ZSR       iris    exon    16804882        16805037        .
        -       .
Parent=Smp_033020.1;Name=6cdc26ee-7941-4af6-9497-6823fef0841c
SM_V9_ZSR       iris    CDS     16794939        16795247        .
        -       0       Parent=Smp_033020.1
SM_V9_ZSR       iris    CDS     16803107        16803399        .
        -       2       Parent=Smp_033020.1
SM_V9_ZSR       iris    CDS     16804882        16804990        .
        -       0       Parent=Smp_033020.1
SM_V9_ZSR       iris    gene    16810825        16828589        .
        -       .
ID=Smp_139980;geneID=Smp_139980;gene_name=Smp_139980;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    16810825        16828589        .
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ID=Smp_139980.1;Parent=Smp_139980;geneID=Smp_139980;gene_name=Smp_13
9980;owner=irisadmin@local.host;orig_id=Smp_139980.2;date_last_modif
ied=2022-07-19;Name=Smp_139980.1;product=Hypothetical
protein;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16810825        16812600        .
        -       .
Parent=Smp_139980.1;Name=eedc8d25-72cf-493a-9d21-5c4fc61b6058
SM_V9_ZSR       iris    exon    16813560        16814134        .
        -       .       Parent=Smp_139980.1;Name=ae49102a-bc74-46c2-
aa70-bc08e4cb0d18
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SM_V9_ZSR	iris	exon	16815296	16815897	.
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b299-2d9404a85b06
SM_V9_ZSR	iris	exon	16817809	16817872	.
	-	.	Parent=Smp_139980.1;Name=a52fb732-150e-4a76-
ab70-d3fde8c35bfb
SM_V9_ZSR	iris	exon	16822209	16822301	.
	-	.	Parent=Smp_139980.1;Name=2ba2ad41-
adf8-44ed-9897-a036ce86f1d4
SM_V9_ZSR	iris	exon	16823277	16823330	.
	-	.	Parent=Smp_139980.1;Name=57ace593-05d0-4476-
b6b4-4b68dfe53959
SM_V9_ZSR	iris	exon	16823735	16824181	.
	-	.	Parent=Smp_139980.1;Name=f36b193c-
d7da-41de-85e7-013344d38a08
SM_V9_ZSR	iris	exon	16826078	16826481	.
	-	.
Parent=Smp_139980.1;Name=5b1331dc-6418-47cd-99ab-f1b9b1afbe48
SM_V9_ZSR	iris	exon	16828434	16828589	.
	-	.	Parent=Smp_139980.1;Name=b9736556-
d231-4c24-8005-24adac97d582
SM_V9_ZSR	iris	CDS	16812444	16812600	.
	-	1	Parent=Smp_139980.1
SM_V9_ZSR	iris	CDS	16813560	16814134	.
	-	0	Parent=Smp_139980.1
SM_V9_ZSR	iris	CDS	16815296	16815897	.
	-	2	Parent=Smp_139980.1
SM_V9_ZSR	iris	CDS	16817809	16817872	.
	-	0	Parent=Smp_139980.1
SM_V9_ZSR	iris	CDS	16822209	16822301	.
	-	0	Parent=Smp_139980.1
SM_V9_ZSR	iris	CDS	16823277	16823330	.
	-	0	Parent=Smp_139980.1
SM_V9_ZSR	iris	CDS	16823735	16824181	.
	-	0	Parent=Smp_139980.1
SM_V9_ZSR	iris	CDS	16826078	16826368	.
	-	0	Parent=Smp_139980.1
SM_V9_ZSR	Liftoff	gene	16834773	16836124	.
	+	.	ID=Smp_033040;geneID=Smp_033040
SM_V9_ZSR	Liftoff	mRNA	16834773	16836124	.
	+	.
ID=Smp_033040.1;Parent=Smp_033040;geneID=Smp_033040;product=L-
lactate dehydrogenase A
chain;polypeptide_domain=InterPro:IPR001236,IPR001557,IPR015955,IPR0
16040,IPR022383
Pfam:PF00056,PF02866;Ontology_term=GO:0003824,GO:0005975,GO:0016491,
GO:0016616,GO:0019752,GO:0055114
SM_V9_ZSR	Liftoff	exon	16834773	16836124	.
	+	.	Parent=Smp_033040.1
SM_V9_ZSR	Liftoff	CDS	16835033	16836016	.
	+	0	Parent=Smp_033040.1
SM_V9_ZSR	iris	gene	16847488	16855337	.
	-	.
ID=Smp_033050;geneID=Smp_033050;gene_name=Smp_033050;owner=irisadmin
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    16847488        16855337        .
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ID=Smp_033050.1;Parent=Smp_033050;geneID=Smp_033050;gene_name=Smp_03
3050;owner=irisadmin@local.host;orig_id=Smp_033050.1;date_last_modif
ied=2022-07-19;Name=Smp_033050.1;product=DNA topoisomerase
1;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16847488        16848398        .
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Parent=Smp_033050.1;Name=bdc67f68-4b4d-49e2-8f9f-8efbc4759322
SM_V9_ZSR       iris    exon    16849563        16849807        .
        -       .       Parent=Smp_033050.1;Name=0ddd3cba-
e8ee-4c05-82a3-741b6478d939
SM_V9_ZSR       iris    exon    16851447        16851689        .
        -       .       Parent=Smp_033050.1;Name=36fdd5ec-
a0c8-40ad-8fff-b4489ae0d0cd
SM_V9_ZSR       iris    exon    16851732        16851983        .
        -       .       Parent=Smp_033050.1;Name=09c1e883-28e6-411d-
b96f-38e046024be0
SM_V9_ZSR       iris    exon    16852585        16852728        .
        -       .       Parent=Smp_033050.1;Name=6d0b8ad3-b63d-42d2-
a5f8-aa30af065c73
SM_V9_ZSR       iris    exon    16852765        16853220        .
        -       .       Parent=Smp_033050.1;Name=f19b3cbe-
c605-4878-9959-a0044da6954f
SM_V9_ZSR       iris    exon    16853260        16853634        .
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aca3-d14b64bebcb1
SM_V9_ZSR       iris    exon    16853667        16853718        .
        -       .       Parent=Smp_033050.1;Name=89f2167f-
ab42-4d25-829c-7bb057df0d11
SM_V9_ZSR       iris    exon    16853755        16853914        .
        -       .       Parent=Smp_033050.1;Name=b374535e-
a330-42b1-9062-a7e0b9677868
SM_V9_ZSR       iris    exon    16855307        16855337        .
        -       .       Parent=Smp_033050.1;Name=9d694c44-6dee-4490-
b995-2eec7b5c6ac6
SM_V9_ZSR       iris    CDS     16848215        16848398        .
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SM_V9_ZSR       iris    CDS     16849563        16849807        .
        -       0       Parent=Smp_033050.1
SM_V9_ZSR       iris    CDS     16851447        16851689        .
        -       0       Parent=Smp_033050.1
SM_V9_ZSR       iris    CDS     16851732        16851983        .
        -       0       Parent=Smp_033050.1
SM_V9_ZSR       iris    CDS     16852585        16852728        .
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SM_V9_ZSR       iris    CDS     16852765        16853220        .
        -       0       Parent=Smp_033050.1
SM_V9_ZSR       iris    CDS     16853260        16853634        .
        -       0       Parent=Smp_033050.1
SM_V9_ZSR       iris    CDS     16853667        16853718        .
        -       1       Parent=Smp_033050.1
SM_V9_ZSR       iris    CDS     16853755        16853912        .
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@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    16872181        16902601        .
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ID=Smp_168050.1;Parent=Smp_168050;geneID=Smp_168050;gene_name=Smp_16
8050;owner=irisadmin@local.host;orig_id=Smp_168050.1;date_last_modif
ied=2022-08-02;Name=Smp_168050.1;product=Vacuolar protein sorting-
associated protein 53 homolog;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    16872181        16873301        .
        +       .       Parent=Smp_168050.1;Name=8660f988-
aac2-45dc-898c-f9b09623428a
SM_V9_ZSR       iris    exon    16874038        16874188        .
        +       .       Parent=Smp_168050.1;Name=43a3ee00-dc58-4875-
bfd9-e1a454fd44aa
SM_V9_ZSR       iris    exon    16874227        16874405        .
        +       .       Parent=Smp_168050.1;Name=a7fbb477-
d214-40de-9897-dfbe7695e646
SM_V9_ZSR       iris    exon    16876930        16877192        .
        +       .       Parent=Smp_168050.1;Name=4639d184-
ea1d-411a-8377-45dae9d4c176
SM_V9_ZSR       iris    exon    16879461        16879690        .
        +       .
Parent=Smp_168050.1;Name=b8de10d5-326f-4f3a-9190-26fed1d9bded
SM_V9_ZSR       iris    exon    16881065        16881336        .
        +       .
Parent=Smp_168050.1;Name=57ee01cd-295e-498c-9010-342aa1d53106
SM_V9_ZSR       iris    exon    16887538        16887891        .
        +       .       Parent=Smp_168050.1;Name=10610e0f-e276-4739-
bab1-fa7699b106db
SM_V9_ZSR       iris    exon    16889513        16889655        .
        +       .       Parent=Smp_168050.1;Name=923e7367-4613-4d58-
bde3-8ef2bf4a2dd3
SM_V9_ZSR       iris    exon    16891679        16891993        .
        +       .       Parent=Smp_168050.1;Name=cbb8c33b-65d7-4fe7-
b669-2b624d26912e
SM_V9_ZSR       iris    exon    16892039        16892178        .
        +       .       Parent=Smp_168050.1;Name=78912ece-
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SM_V9_ZSR       iris    exon    16896538        16896645        .
        +       .       Parent=Smp_168050.1;Name=436adac4-6878-4db0-
bcaa-b6ac8d224220
SM_V9_ZSR       iris    exon    16897576        16897829        .
        +       .       Parent=Smp_168050.1;Name=08631a56-743a-45c4-
b69a-e767c6cd1dc0
SM_V9_ZSR       iris    exon    16897913        16898081        .
        +       .       Parent=Smp_168050.1;Name=4b67fba4-27b7-43a1-
bd2b-21650512abc3
SM_V9_ZSR       iris    exon    16899532        16899783        .
        +       .       Parent=Smp_168050.1;Name=7407b03a-
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SM_V9_ZSR       iris    exon    16901660        16902601        .
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        +       0       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16874227        16874405        .
        +       0       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16876930        16877192        .
        +       1       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16879461        16879690        .
        +       2       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16881065        16881336        .
        +       0       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16887538        16887891        .
        +       1       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16889513        16889655        .
        +       1       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16891679        16891993        .
        +       2       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16892039        16892178        .
        +       2       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16896538        16896645        .
        +       0       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16897576        16897829        .
        +       0       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16897913        16898081        .
        +       1       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16899532        16899783        .
        +       0       Parent=Smp_168050.1
SM_V9_ZSR       iris    CDS     16901660        16902040        .
        +       0       Parent=Smp_168050.1
SM_V9_ZSR       Liftoff gene    16910229        16932577        .
        -       .
ID=Smp_345760;geneID=Smp_345760;previous_systematic_id=Smp_168060
SM_V9_ZSR       Liftoff mRNA    16910229        16932577        .
        -       .
ID=Smp_345760.1;Parent=Smp_345760;geneID=Smp_345760;product=Uncharac
terized protein MJ0981
SM_V9_ZSR       Liftoff exon    16910229        16910447        .
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SM_V9_ZSR       Liftoff exon    16915630        16932577        .
        -       .       Parent=Smp_345760.1
SM_V9_ZSR       Liftoff CDS     16910325        16910447        .
        -       0       Parent=Smp_345760.1
SM_V9_ZSR       Liftoff CDS     16915630        16915857        .
        -       0       Parent=Smp_345760.1
SM_V9_ZSR       Liftoff gene    16933432        16959743        .
        -       .       ID=Smp_209040;geneID=Smp_209040
SM_V9_ZSR       Liftoff mRNA    16933432        16959743        .
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ID=Smp_209040.1;Parent=Smp_209040;geneID=Smp_209040;product=Long-
chain-fatty-acid--CoA ligase
5;polypeptide_domain=InterPro:IPR000873,IPR020845
Pfam:PF00501;Ontology_term=GO:0003824,GO:0008152
SM_V9_ZSR       Liftoff exon    16933432        16934057        .
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        -       .       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff exon    16938469        16938633        .
        -       .       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff exon    16939790        16939940        .
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        -       .       Parent=Smp_209040.1
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SM_V9_ZSR       Liftoff exon    16947473        16947505        .
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SM_V9_ZSR       Liftoff exon    16948900        16949069        .
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        -       .       Parent=Smp_209040.1
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        -       .       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff exon    16952432        16952499        .
        -       .       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff exon    16953275        16953374        .
        -       .       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff exon    16955791        16955900        .
        -       .       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff exon    16959653        16959743        .
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SM_V9_ZSR       Liftoff CDS     16933902        16934057        .
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SM_V9_ZSR       Liftoff CDS     16934818        16935144        .
        -       0       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16937238        16937354        .
        -       0       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16938469        16938633        .
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SM_V9_ZSR       Liftoff CDS     16941183        16941400        .
        -       0       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16944559        16944627        .
        -       0       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16945999        16946078        .
        -       2       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16946488        16946539        .
        -       0       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16947473        16947505        .
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SM_V9_ZSR       Liftoff CDS     16948900        16949069        .
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SM_V9_ZSR       Liftoff CDS     16952432        16952499        .
        -       2       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16953275        16953374        .
        -       0       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16955791        16955900        .
        -       2       Parent=Smp_209040.1
SM_V9_ZSR       Liftoff CDS     16959653        16959668        .
        -       0       Parent=Smp_209040.1
SM_V9_ZSR       iris    gene    16972559        16989646        .
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ID=Smp_332950;geneID=Smp_332950;gene_name=Smp_332950;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    16972559        16989646        .
        +       .
ID=Smp_332950.1;Parent=Smp_332950;geneID=Smp_332950;gene_name=Smp_33
2950;owner=irisadmin@local.host;orig_id=Smp_332950.2;date_last_modif
ied=2022-07-19;Name=Smp_332950.1;product=Nucleoporin
NDC1;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16972559        16972745        .
        +       .
Parent=Smp_332950.1;Name=cc0a96b0-13e8-42cc-87d7-b1add6187dbf
SM_V9_ZSR       iris    exon    16972780        16972900        .
        +       .       Parent=Smp_332950.1;Name=f2db6564-b9ea-4d01-
a933-99967fd86590
SM_V9_ZSR       iris    exon    16972932        16973033        .
        +       .       Parent=Smp_332950.1;Name=ac94dc11-1241-4dd6-
aed2-d03e0bee06b2
SM_V9_ZSR       iris    exon    16973064        16973232        .
        +       .       Parent=Smp_332950.1;Name=a39f5fed-728a-49fe-
a87a-aa3025e8654c
SM_V9_ZSR       iris    exon    16973268        16973385        .
        +       .
Parent=Smp_332950.1;Name=2a4b5036-75ac-48f0-8cf5-4cf554e7b3bc
SM_V9_ZSR       iris    exon    16973416        16973537        .
        +       .       Parent=Smp_332950.1;Name=dc02ef46-a54a-42d5-
af9b-6a72f47a33a7
SM_V9_ZSR       iris    exon    16973572        16973692        .
        +       .       Parent=Smp_332950.1;Name=dff9e04b-b5eb-465f-
bf4e-8edf20e04be3
SM_V9_ZSR       iris    exon    16973730        16973816        .
        +       .       Parent=Smp_332950.1;Name=53dbc03d-7659-4768-
a4c8-af3824cbd6d2
SM_V9_ZSR       iris    exon    16973848        16973929        .
        +       .
Parent=Smp_332950.1;Name=3ad35705-2eee-4be5-926b-3ee6277dfc01
SM_V9_ZSR       iris    exon    16979779        16979892        .
        +       .       Parent=Smp_332950.1;Name=8727ba4e-ac26-411f-
b093-8112460f6a2c
SM_V9_ZSR       iris    exon    16981966        16982153        .
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SM_V9_ZSR       iris    exon    16982844        16983119        .
        +       .       Parent=Smp_332950.1;Name=4865eda5-
d1e9-4618-9341-e7ca18e2e61b
SM_V9_ZSR       iris    exon    16983911        16984200        .
        +       .       Parent=Smp_332950.1;Name=ba0f02fb-d2aa-410e-
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SM_V9_ZSR       iris    exon    16989466        16989646        .
        +       .
Parent=Smp_332950.1;Name=eb6571c6-5007-4450-886e-a93ec65e084a
SM_V9_ZSR       iris    CDS     16972731        16972745        .
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SM_V9_ZSR       iris    CDS     16972780        16972900        .
        +       0       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16972932        16973033        .
        +       2       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16973064        16973232        .
        +       2       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16973268        16973385        .
        +       1       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16973416        16973537        .
        +       0       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16973572        16973692        .
        +       1       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16973730        16973816        .
        +       0       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16973848        16973929        .
        +       0       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16979779        16979892        .
        +       2       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16981966        16982153        .
        +       2       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16982844        16983119        .
        +       0       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16983911        16984200        .
        +       0       Parent=Smp_332950.1
SM_V9_ZSR       iris    CDS     16989466        16989547        .
        +       1       Parent=Smp_332950.1
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ID=Smp_037190;geneID=Smp_037190;gene_name=Smp_037190;owner=irisadmin
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ID=Smp_037190.1;Parent=Smp_037190;geneID=Smp_037190;gene_name=Smp_03
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ied=2022-07-19;Name=Smp_037190.1;product=ADP-ribosylation factor-
related protein 1;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    16989539        16989782        .
        -       .       Parent=Smp_037190.1;Name=07fd6b35-8ea9-4e19-
ac84-64da409ccafb
SM_V9_ZSR       iris    exon    16991222        16991322        .
        -       .       Parent=Smp_037190.1;Name=826ee937-3350-4847-
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a07e-2a611008ee4b
SM_V9_ZSR       iris    exon    16992503        16992573        .
        -       .       Parent=Smp_037190.1;Name=7f1ffd2f-3d74-40f7-
b7e6-60329c3475f6
SM_V9_ZSR       iris    exon    16992604        16992685        .
        -       .       Parent=Smp_037190.1;Name=4421a605-
a755-4a28-86e1-5fa7dcad1e39
SM_V9_ZSR       iris    exon    16992723        16992805        .
        -       .       Parent=Smp_037190.1;Name=d61260ff-852c-4996-
a0be-b0131f7c84d8
SM_V9_ZSR       iris    exon    16992836        16992923        .
        -       .       Parent=Smp_037190.1;Name=68f94752-6d77-4baf-
ae50-101007e46a3f
SM_V9_ZSR       iris    exon    16992957        16993136        .
        -       .       Parent=Smp_037190.1;Name=8d439f40-218c-4e72-
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SM_V9_ZSR       iris    exon    16994000        16994040        .
        -       .
Parent=Smp_037190.1;Name=45fc691d-7855-4633-931d-97c1f69cd4a9
SM_V9_ZSR       iris    CDS     16989692        16989782        .
        -       1       Parent=Smp_037190.1
SM_V9_ZSR       iris    CDS     16991222        16991322        .
        -       0       Parent=Smp_037190.1
SM_V9_ZSR       iris    CDS     16992503        16992573        .
        -       2       Parent=Smp_037190.1
SM_V9_ZSR       iris    CDS     16992604        16992685        .
        -       0       Parent=Smp_037190.1
SM_V9_ZSR       iris    CDS     16992723        16992805        .
        -       2       Parent=Smp_037190.1
SM_V9_ZSR       iris    CDS     16992836        16992923        .
        -       0       Parent=Smp_037190.1
SM_V9_ZSR       iris    CDS     16992957        16993049        .
        -       0       Parent=Smp_037190.1
SM_V9_ZSR       Liftoff gene    17001799        17034371        .
        +       .
ID=Smp_182620;geneID=Smp_182620;previous_systematic_id=Smp_142190
SM_V9_ZSR       Liftoff mRNA    17001799        17034371        .
        +       .
ID=Smp_182620.1;Parent=Smp_182620;geneID=Smp_182620;product=Carboxyp
eptidase N catalytic
chain;polypeptide_domain=InterPro:IPR000834,IPR008969
Pfam:PF00246;Ontology_term=GO:0004181,GO:0006508,GO:0008270
SM_V9_ZSR       Liftoff exon    17001799        17002071        .
        +       .       Parent=Smp_182620.1
SM_V9_ZSR       Liftoff exon    17002105        17002301        .
        +       .       Parent=Smp_182620.1
SM_V9_ZSR       Liftoff exon    17002343        17002489        .
        +       .       Parent=Smp_182620.1
SM_V9_ZSR       Liftoff exon    17007261        17007421        .
        +       .       Parent=Smp_182620.1
SM_V9_ZSR       Liftoff exon    17008958        17009085        .
        +       .       Parent=Smp_182620.1
SM_V9_ZSR       Liftoff exon    17021689        17021828        .
        +       .       Parent=Smp_182620.1
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SM_V9_ZSR	Liftoff	exon	17026797	17026932	.
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SM_V9_ZSR	Liftoff	exon	17032147	17032433	.
	+	.	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	exon	17034195	17034371	.
	+	.	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17001834	17002071	.
	+	0	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17002105	17002301	.
	+	2	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17002343	17002489	.
	+	0	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17007261	17007421	.
	+	0	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17008958	17009085	.
	+	1	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17021689	17021828	.
	+	2	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17026797	17026932	.
	+	0	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17032147	17032433	.
	+	2	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	CDS	17034195	17034239	.
	+	0	Parent=Smp_182620.1
SM_V9_ZSR	Liftoff	gene	17036693	17037247	.
	-	.	ID=Smp_322560;geneID=Smp_322560
SM_V9_ZSR	Liftoff	mRNA	17036693	17037247	.
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Pfam:PF01655;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_ZSR	Liftoff	exon	17036693	17036873	.
	-	.	Parent=Smp_322560.1
SM_V9_ZSR	Liftoff	exon	17036908	17037247	.
	-	.	Parent=Smp_322560.1
SM_V9_ZSR	Liftoff	CDS	17036715	17036873	.
	-	0	Parent=Smp_322560.1
SM_V9_ZSR	Liftoff	CDS	17036908	17037153	.
	-	0	Parent=Smp_322560.1
SM_V9_ZSR	iris	gene	17049149	17081116	.
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ID=Smp_244970;geneID=Smp_244970;gene_name=Smp_244970;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR	iris	mRNA	17049149	17081116	.
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ID=Smp_244970.1;Parent=Smp_244970;geneID=Smp_244970;gene_name=Smp_24
4970;owner=irisadmin@local.host;orig_id=Smp_244970.1;date_last_modif
ied=2022-07-19;Name=Smp_244970.1;product=Coiled-coil domain-
containing protein 81;date_creation=2022-07-19
SM_V9_ZSR	iris	exon	17049149	17049212	.
	+	.	Parent=Smp_244970.1;Name=01529a9e-b68c-4231-
af88-6d6a8e02efdf
SM_V9_ZSR	iris	exon	17049248	17049306	.
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        +       .
Parent=Smp_244970.1;Name=3f7efbdd-2134-46de-95e0-3f49b7af548a
SM_V9_ZSR       iris    exon    17049343        17049499        .
        +       .       Parent=Smp_244970.1;Name=f6639b2a-5c60-4b98-
b8d3-747a97b2daa1
SM_V9_ZSR       iris    exon    17056242        17056498        .
        +       .       Parent=Smp_244970.1;Name=fa513513-4586-4d73-
bd52-75c8d6d640eb
SM_V9_ZSR       iris    exon    17058075        17058157        .
        +       .
Parent=Smp_244970.1;Name=af007908-07c9-4401-9e21-89e1c7d6c10b
SM_V9_ZSR       iris    exon    17061240        17061325        .
        +       .       Parent=Smp_244970.1;Name=e5eed38a-f192-4793-
a026-f2598f00831f
SM_V9_ZSR       iris    exon    17064914        17065032        .
        +       .       Parent=Smp_244970.1;Name=8b1f41fb-c1c9-4dc9-
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SM_V9_ZSR       iris    exon    17066868        17067380        .
        +       .       Parent=Smp_244970.1;Name=735d0427-
c0ba-489d-9e32-7f6837c2e4d8
SM_V9_ZSR       iris    exon    17068730        17068902        .
        +       .       Parent=Smp_244970.1;Name=8b8cff05-
ba87-41db-835f-9ba43dd6447f
SM_V9_ZSR       iris    exon    17074507        17074690        .
        +       .       Parent=Smp_244970.1;Name=1c9b68c0-
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SM_V9_ZSR       iris    exon    17079605        17079831        .
        +       .       Parent=Smp_244970.1;Name=63c2c85c-2840-49f6-
bd19-df29492fcb63
SM_V9_ZSR       iris    exon    17080692        17081116        .
        +       .       Parent=Smp_244970.1;Name=19d9cf88-4bf4-479c-
a8e9-c7f74e1e1057
SM_V9_ZSR       iris    CDS     17049176        17049212        .
        +       0       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17049248        17049306        .
        +       2       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17049343        17049499        .
        +       0       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17056242        17056498        .
        +       2       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17058075        17058157        .
        +       0       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17061240        17061325        .
        +       1       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17064914        17065032        .
        +       2       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17066868        17067380        .
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SM_V9_ZSR       iris    CDS     17068730        17068902        .
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SM_V9_ZSR       iris    CDS     17074507        17074690        .
        +       1       Parent=Smp_244970.1
SM_V9_ZSR       iris    CDS     17079605        17079831        .
        +       0       Parent=Smp_244970.1
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SM_V9_ZSR	iris	exon	17097783	17098069	.
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Parent=Smp_244980.1;Name=c07c5426-5d9f-478d-90a8-61974902d465
SM_V9_ZSR	iris	exon	17101397	17101661	.
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SM_V9_ZSR	iris	exon	17110885	17111085	.
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Parent=Smp_244980.1;Name=13daced5-0654-4287-9115-93eaf5c2d5d2
SM_V9_ZSR	iris	exon	17112691	17112787	.
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SM_V9_ZSR	iris	exon	17114204	17114329	.
	+	.	Parent=Smp_244980.1;Name=9ebc90e1-8eb9-4985-
ba13-438251d12024
SM_V9_ZSR	iris	exon	17117415	17117863	.
	+	.
Parent=Smp_244980.1;Name=cf2eb02e-453c-40c7-8ac5-7eac49678782
SM_V9_ZSR	iris	exon	17121678	17121996	.
	+	.	Parent=Smp_244980.1;Name=6f949a29-a313-4c57-
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SM_V9_ZSR	iris	exon	17123893	17124901	.
	+	.	Parent=Smp_244980.1;Name=f11de6cd-e310-4c8a-
afdf-1f50494430c9
SM_V9_ZSR	iris	exon	17127491	17127689	.
	+	.
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SM_V9_ZSR	iris	exon	17128398	17128875	.
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Parent=Smp_244980.1;Name=625d9563-8dd1-4a3e-8949-60e630021dba
SM_V9_ZSR	iris	CDS	17098064	17098069	.
	+	0	Parent=Smp_244980.1
SM_V9_ZSR	iris	CDS	17101397	17101661	.
	+	0	Parent=Smp_244980.1
SM_V9_ZSR	iris	CDS	17110885	17111085	.
	+	2	Parent=Smp_244980.1
SM_V9_ZSR	iris	CDS	17112691	17112787	.
	+	2	Parent=Smp_244980.1
SM_V9_ZSR	iris	CDS	17114204	17114329	.
	+	1	Parent=Smp_244980.1
SM_V9_ZSR	iris	CDS	17117415	17117863	.
	+	1	Parent=Smp_244980.1
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SM_V9_ZSR	iris	CDS	17121678	17121996	.
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SM_V9_ZSR	iris	CDS	17123893	17124901	.
	+	1	Parent=Smp_244980.1
SM_V9_ZSR	iris	CDS	17127491	17127689	.
	+	0	Parent=Smp_244980.1
SM_V9_ZSR	iris	CDS	17128398	17128462	.
	+	2	Parent=Smp_244980.1
SM_V9_ZSR	iris	gene	17137467	17159659	.
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ID=Smp_343530;geneID=Smp_343530;gene_name=Smp_343530;owner=irisadmin
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ID=Smp_343530.1;Parent=Smp_343530;geneID=Smp_343530;gene_name=Smp_34
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ied=2022-08-02;Name=Smp_343530.1;product=Calcium-binding
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SM_V9_ZSR	iris	exon	17137467	17137901	.
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Parent=Smp_343530.1;Name=1a6a48f6-5fee-4508-8b8f-25c89872cc68
SM_V9_ZSR	iris	exon	17138487	17138688	.
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SM_V9_ZSR	iris	exon	17140306	17140454	.
	-	.
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SM_V9_ZSR	iris	exon	17141677	17141971	.
	-	.
Parent=Smp_343530.1;Name=ce370b46-305f-4aa4-9275-c1b7ddec4381
SM_V9_ZSR	iris	exon	17143898	17144102	.
	-	.
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SM_V9_ZSR	iris	exon	17148584	17149205	.
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SM_V9_ZSR	iris	exon	17150506	17150625	.
	-	.	Parent=Smp_343530.1;Name=44f09cc8-a8c8-40ab-
ae74-b6bd2bed0807
SM_V9_ZSR	iris	exon	17152883	17152956	.
	-	.
Parent=Smp_343530.1;Name=ab9ce825-67e4-497d-80d6-3ab56da179b5
SM_V9_ZSR	iris	exon	17154707	17155016	.
	-	.	Parent=Smp_343530.1;Name=da08049e-e9eb-40b4-
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SM_V9_ZSR	iris	exon	17158848	17159021	.
	-	.	Parent=Smp_343530.1;Name=5c842f8b-4905-4e0a-
a6db-d54af8ba7384
SM_V9_ZSR	iris	exon	17159059	17159233	.
	-	.	Parent=Smp_343530.1;Name=59cf8403-a702-479a-
a1b9-a6153f3910e1
SM_V9_ZSR	iris	exon	17159264	17159462	.
	-	.	Parent=Smp_343530.1;Name=824840e9-882c-49a5-
a6b3-f9786fc332d2
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SM_V9_ZSR	iris	exon	17159498	17159659	.
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Parent=Smp_343530.1;Name=e4f388ae-6216-48e3-8acc-2c38f7f9e8c6
SM_V9_ZSR	iris	CDS	17137650	17137901	.
	-	0	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17138487	17138688	.
	-	1	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17140306	17140454	.
	-	0	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17141677	17141971	.
	-	1	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17143898	17144102	.
	-	2	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17148584	17149205	.
	-	0	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17150506	17150625	.
	-	0	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17152883	17152956	.
	-	2	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17154707	17155016	.
	-	0	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17158848	17159021	.
	-	0	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17159059	17159233	.
	-	1	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17159264	17159462	.
	-	2	Parent=Smp_343530.1
SM_V9_ZSR	iris	CDS	17159498	17159618	.
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SM_V9_ZSR	iris	gene	17169311	17177531	.
	+	.
ID=Smp_037120;geneID=Smp_037120;gene_name=Smp_037120;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR	iris	mRNA	17169311	17177531	.
	+	.
ID=Smp_037120.1;Parent=Smp_037120;geneID=Smp_037120;gene_name=Smp_03
7120;owner=irisadmin@local.host;orig_id=Smp_037120.1;date_last_modif
ied=2022-08-20;Name=Smp_037120.1;product=39S ribosomal protein L27,
mitochondrial;date_creation=2022-08-20
SM_V9_ZSR	iris	exon	17169311	17169344	.
	+	.	Parent=Smp_037120.1;Name=bba1d23e-ff12-40ad-
a449-8607feca3083
SM_V9_ZSR	iris	exon	17170855	17170927	.
	+	.	Parent=Smp_037120.1;Name=ccc92542-
cbcf-4bd4-886d-784af88f786f
SM_V9_ZSR	iris	exon	17170960	17171120	.
	+	.	Parent=Smp_037120.1;Name=77aca9ce-8b0e-4bce-
be51-9055cebaa24a
SM_V9_ZSR	iris	exon	17177270	17177531	.
	+	.	Parent=Smp_037120.1;Name=d6eac71d-
a882-4a6e-81ad-fdf0ad2ea186
SM_V9_ZSR	iris	CDS	17170885	17170927	.
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SM_V9_ZSR	iris	CDS	17170960	17171120	.
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        +       2       Parent=Smp_037120.1
SM_V9_ZSR       iris    CDS     17177270        17177497        .
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SM_V9_ZSR       iris    gene    17185209        17215177        .
        +       .
ID=Smp_142150;geneID=Smp_142150;gene_name=Smp_142150;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    17185209        17215177        .
        +       .
ID=Smp_142150.1;Parent=Smp_142150;geneID=Smp_142150;gene_name=Smp_14
2150;owner=irisadmin@local.host;orig_id=Smp_142150.2;date_last_modif
ied=2022-07-19;Name=Smp_142150.1;product=Chromatin modification-
related protein eaf3;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    17185209        17185329        .
        +       .       Parent=Smp_142150.1;Name=1719e0aa-6df4-4a6c-
b524-f4279b2c74f2
SM_V9_ZSR       iris    exon    17189348        17189502        .
        +       .       Parent=Smp_142150.1;Name=9392ae6e-
c94e-4388-916f-1d96c1faa763
SM_V9_ZSR       iris    exon    17193788        17194189        .
        +       .       Parent=Smp_142150.1;Name=2ca577b9-c86b-4923-
bbe8-86be7e0c50a7
SM_V9_ZSR       iris    exon    17197169        17197286        .
        +       .       Parent=Smp_142150.1;Name=92794314-b87d-4466-
b326-b56b9394eb01
SM_V9_ZSR       iris    exon    17202457        17202613        .
        +       .       Parent=Smp_142150.1;Name=7fea003b-b51c-4da3-
b40b-6a75f932a0e5
SM_V9_ZSR       iris    exon    17203320        17203362        .
        +       .
Parent=Smp_142150.1;Name=f4bdf16e-2b9d-4205-9680-a67295f52289
SM_V9_ZSR       iris    exon    17205194        17205405        .
        +       .       Parent=Smp_142150.1;Name=3efe7cba-266a-4fd3-
b7ed-a46597778c26
SM_V9_ZSR       iris    exon    17211630        17211956        .
        +       .       Parent=Smp_142150.1;Name=dc40ce8b-a41c-452c-
ae87-9467a7efe9ae
SM_V9_ZSR       iris    exon    17212575        17212910        .
        +       .
Parent=Smp_142150.1;Name=61c85a78-8c4d-474f-9c05-3b661c71b604
SM_V9_ZSR       iris    exon    17214102        17215177        .
        +       .       Parent=Smp_142150.1;Name=9f2eedb9-
fe44-453e-86ea-57d10de74e65
SM_V9_ZSR       iris    CDS     17189395        17189502        .
        +       0       Parent=Smp_142150.1
SM_V9_ZSR       iris    CDS     17193788        17194189        .
        +       0       Parent=Smp_142150.1
SM_V9_ZSR       iris    CDS     17197169        17197286        .
        +       0       Parent=Smp_142150.1
SM_V9_ZSR       iris    CDS     17202457        17202613        .
        +       2       Parent=Smp_142150.1
SM_V9_ZSR       iris    CDS     17203320        17203362        .
        +       1       Parent=Smp_142150.1
SM_V9_ZSR       iris    CDS     17205194        17205405        .
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SM_V9_ZSR       iris    CDS     17211630        17211956        .
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SM_V9_ZSR       iris    CDS     17212575        17212910        .
        +       1       Parent=Smp_142150.1
SM_V9_ZSR       iris    CDS     17214102        17214639        .
        +       1       Parent=Smp_142150.1
SM_V9_ZSR       iris    gene    17241645        17242315        .
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ID=Smp_142160;geneID=Smp_142160;gene_name=Smp_142160;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    17241645        17242315        .
        -       .
ID=Smp_142160.1;Parent=Smp_142160;geneID=Smp_142160;gene_name=Smp_14
2160;owner=irisadmin@local.host;orig_id=Smp_142160.1;date_last_modif
ied=2022-07-19;Name=Smp_142160.1;product=npp-16;date_creation=2022-0
7-19
SM_V9_ZSR       iris    exon    17241645        17242315        .
        -       .
Parent=Smp_142160.1;Name=4fa3402f-5422-4bbd-928d-24dca2975bd8
SM_V9_ZSR       iris    CDS     17241888        17242163        .
        -       0       Parent=Smp_142160.1
SM_V9_ZSR       iris    gene    17246898        17264435        .
        -       .
ID=Smp_142170;geneID=Smp_142170;gene_name=Smp_142170;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    17246898        17264435        .
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ID=Smp_142170.1;Parent=Smp_142170;geneID=Smp_142170;gene_name=Smp_14
2170;owner=irisadmin@local.host;orig_id=Smp_142170.1;date_last_modif
ied=2022-09-30;Name=Smp_142170.1;product=Set1/Ash2 histone
methyltransferase complex subunit ASH2;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    17246898        17247546        .
        -       .       Parent=Smp_142170.1;Name=2f50f6dd-7e67-4be6-
b601-0d6cabb1684c
SM_V9_ZSR       iris    exon    17247930        17248091        .
        -       .       Parent=Smp_142170.1;Name=18112ee3-d19c-4dc6-
b1ec-16662b2a6236
SM_V9_ZSR       iris    exon    17255672        17255764        .
        -       .       Parent=Smp_142170.1;Name=207fd5b2-
c8b5-47ff-8e6e-45033efd65f1
SM_V9_ZSR       iris    exon    17256469        17256821        .
        -       .       Parent=Smp_142170.1;Name=eeb7202d-4e91-463b-
b92e-215491acdeab
SM_V9_ZSR       iris    exon    17258057        17258224        .
        -       .       Parent=Smp_142170.1;Name=60b0cc3c-
d2be-4352-800a-6b0e146a24aa
SM_V9_ZSR       iris    exon    17259344        17259486        .
        -       .       Parent=Smp_142170.1;Name=5628affb-0825-49ce-
ad55-1038ff450f8d
SM_V9_ZSR       iris    exon    17260671        17261260        .
        -       .
Parent=Smp_142170.1;Name=e32569ae-3a25-48d6-92bd-dd66a1326652
SM_V9_ZSR       iris    exon    17263663        17263728        .
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        -       .       Parent=Smp_142170.1;Name=8bdd019f-
a0f8-4f64-94ed-27c214fae9e3
SM_V9_ZSR       iris    exon    17263760        17264024        .
        -       .
Parent=Smp_142170.1;Name=c34a3b78-8bb1-4c5d-89f2-ed21ffc483b5
SM_V9_ZSR       iris    exon    17264068        17264157        .
        -       .
Parent=Smp_142170.1;Name=3ea71b5d-51b0-44e7-93c9-e402e53ef65e
SM_V9_ZSR       iris    exon    17264192        17264201        .
        -       .
Parent=Smp_142170.1;Name=28f42169-20a6-460f-9d7c-ecdc9d46e7b2
SM_V9_ZSR       iris    exon    17264203        17264329        .
        -       .       Parent=Smp_142170.1;Name=775eb887-11b1-436c-
a63d-1a650e74be67
SM_V9_ZSR       iris    exon    17264371        17264435        .
        -       .       Parent=Smp_142170.1;Name=2607ed00-
fc58-4738-9f62-faf7ef696bce
SM_V9_ZSR       iris    CDS     17247427        17247546        .
        -       0       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17247930        17248091        .
        -       0       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17255672        17255764        .
        -       0       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17256469        17256821        .
        -       2       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17258057        17258224        .
        -       2       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17259344        17259486        .
        -       1       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17260671        17261260        .
        -       0       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17263663        17263728        .
        -       0       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17263760        17264024        .
        -       1       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17264068        17264157        .
        -       1       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17264192        17264201        .
        -       2       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17264203        17264329        .
        -       0       Parent=Smp_142170.1
SM_V9_ZSR       iris    CDS     17264371        17264373        .
        -       0       Parent=Smp_142170.1
SM_V9_ZSR       iris    gene    17278540        17296096        .
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ID=Smp_142180;geneID=Smp_142180;gene_name=Smp_142180;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    17278540        17296096        .
        +       .
ID=Smp_142180.1;Parent=Smp_142180;geneID=Smp_142180;gene_name=Smp_14
2180;owner=irisadmin@local.host;orig_id=Smp_142180.1;date_last_modif
ied=2022-09-30;Name=Smp_142180.1;product=Poly(ADP-ribose)
glycohydrolase;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    17278540        17278576        .
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        +       .       Parent=Smp_142180.1;Name=47b43be9-6857-43a7-
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SM_V9_ZSR       iris    exon    17279606        17279678        .
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Parent=Smp_142180.1;Name=b9d774a0-18dc-4c3c-80fb-7d32be33f69f
SM_V9_ZSR       iris    exon    17279718        17279901        .
        +       .
Parent=Smp_142180.1;Name=b7a31e81-8fea-42af-900e-0fd18e863215
SM_V9_ZSR       iris    exon    17279942        17280025        .
        +       .       Parent=Smp_142180.1;Name=614589f6-
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SM_V9_ZSR       iris    exon    17280062        17280178        .
        +       .       Parent=Smp_142180.1;Name=7a1e6dd3-519a-48c2-
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SM_V9_ZSR       iris    exon    17280209        17280292        .
        +       .       Parent=Smp_142180.1;Name=10814197-cc77-4dc0-
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SM_V9_ZSR       iris    exon    17280408        17280578        .
        +       .       Parent=Smp_142180.1;Name=2e33a842-
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SM_V9_ZSR       iris    exon    17282286        17282488        .
        +       .       Parent=Smp_142180.1;Name=f99f12b8-91ae-49f4-
b4e1-3791d2a19834
SM_V9_ZSR       iris    exon    17283005        17283218        .
        +       .       Parent=Smp_142180.1;Name=58fa8608-3b05-4cfc-
b0bb-736d40f9fdf6
SM_V9_ZSR       iris    exon    17291549        17291784        .
        +       .       Parent=Smp_142180.1;Name=c7adcc8c-230a-4958-
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SM_V9_ZSR       iris    exon    17292932        17293040        .
        +       .       Parent=Smp_142180.1;Name=e57b208e-82a8-4f2b-
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SM_V9_ZSR       iris    exon    17294002        17294110        .
        +       .       Parent=Smp_142180.1;Name=c65c47ad-
bab3-4492-9fb6-896f4f1122b7
SM_V9_ZSR       iris    exon    17294429        17294557        .
        +       .       Parent=Smp_142180.1;Name=3faf04b8-78e1-4727-
ac00-a57bd89a0e65
SM_V9_ZSR       iris    exon    17295852        17296096        .
        +       .       Parent=Smp_142180.1;Name=a28ba61a-30dd-418c-
bdc2-a01417c6967b
SM_V9_ZSR       iris    CDS     17279866        17279901        .
        +       0       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17279942        17280025        .
        +       0       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17280062        17280178        .
        +       0       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17280209        17280292        .
        +       0       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17280408        17280578        .
        +       0       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17282286        17282488        .
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SM_V9_ZSR       iris    CDS     17283005        17283218        .
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SM_V9_ZSR       iris    CDS     17291549        17291784        .
        +       0       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17292932        17293040        .
        +       1       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17294002        17294110        .
        +       0       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17294429        17294557        .
        +       2       Parent=Smp_142180.1
SM_V9_ZSR       iris    CDS     17295852        17295943        .
        +       2       Parent=Smp_142180.1
SM_V9_ZSR       iris    gene    17296882        17345281        .
        -       .
ID=Smp_346070;geneID=Smp_346070;gene_name=Smp_346070;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR       iris    mRNA    17296882        17345281        .
        -       .
ID=Smp_346070.1;Parent=Smp_346070;geneID=Smp_346070;gene_name=Smp_34
6070;owner=irisadmin@local.host;orig_id=Smp_346070.1;date_last_modif
ied=2022-09-30;Name=Smp_346070.1;product=Major
antigen;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    17296882        17297891        .
        -       .       Parent=Smp_346070.1;Name=d5a65783-
e261-4256-8ec4-757e50ac68e4
SM_V9_ZSR       iris    exon    17301362        17301460        .
        -       .       Parent=Smp_346070.1;Name=d2bb46e7-fcab-4e81-
b35d-4173a047433c
SM_V9_ZSR       iris    exon    17303556        17303853        .
        -       .
Parent=Smp_346070.1;Name=4808285f-6d21-4f5d-8df8-3817201ddcb4
SM_V9_ZSR       iris    exon    17305135        17305269        .
        -       .       Parent=Smp_346070.1;Name=47752866-4100-4708-
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SM_V9_ZSR       iris    exon    17306041        17306192        .
        -       .       Parent=Smp_346070.1;Name=a7aeab80-1ba6-425a-
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SM_V9_ZSR       iris    exon    17306785        17307045        .
        -       .
Parent=Smp_346070.1;Name=38388dbc-8737-43df-89bf-5896b5ee7349
SM_V9_ZSR       iris    exon    17308370        17308564        .
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bb60-a28c49b24200
SM_V9_ZSR       iris    exon    17310861        17311076        .
        -       .       Parent=Smp_346070.1;Name=41088aa6-
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SM_V9_ZSR       iris    exon    17314022        17314189        .
        -       .       Parent=Smp_346070.1;Name=4d0b9807-3c32-491a-
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SM_V9_ZSR       iris    exon    17317424        17317627        .
        -       .       Parent=Smp_346070.1;Name=f1eb7a06-2f95-4fb9-
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SM_V9_ZSR       iris    exon    17318728        17318979        .
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Parent=Smp_346070.1;Name=fdc5cf01-18fd-4206-9a09-1f13b94cfaaa
SM_V9_ZSR	iris	exon	17323456	17323575	.
	-	.
Parent=Smp_346070.1;Name=e700df41-3122-4dcd-9aed-04533ba92bb9
SM_V9_ZSR	iris	exon	17324457	17324687	.
	-	.
Parent=Smp_346070.1;Name=64b8d2ca-2118-4049-84bf-5ff789dc8337
SM_V9_ZSR	iris	exon	17326245	17326433	.
	-	.	Parent=Smp_346070.1;Name=4191369b-
d95a-444d-8ee3-17329509f1ac
SM_V9_ZSR	iris	exon	17327393	17327608	.
	-	.	Parent=Smp_346070.1;Name=325de224-2e98-42f5-
adb3-4415d189008b
SM_V9_ZSR	iris	exon	17328649	17328804	.
	-	.	Parent=Smp_346070.1;Name=be5f1cfd-
c4fd-4c1b-9f88-0093909bdd0e
SM_V9_ZSR	iris	exon	17329057	17329164	.
	-	.
Parent=Smp_346070.1;Name=7053bd3b-360e-4954-88a3-3f4de2722805
SM_V9_ZSR	iris	exon	17331327	17331659	.
	-	.	Parent=Smp_346070.1;Name=7940d5d4-
c7a2-4a48-8712-f8cc7aef8d00
SM_V9_ZSR	iris	exon	17333859	17333942	.
	-	.	Parent=Smp_346070.1;Name=b9db5677-
b6a0-4303-862b-cfff27d95209
SM_V9_ZSR	iris	exon	17336350	17336445	.
	-	.	Parent=Smp_346070.1;Name=993f914c-d1c4-4663-
b802-cc527ede4ca8
SM_V9_ZSR	iris	exon	17338338	17338421	.
	-	.	Parent=Smp_346070.1;Name=e3ac1eed-7394-47fd-
a6d0-8c301c927d4a
SM_V9_ZSR	iris	exon	17340565	17340759	.
	-	.	Parent=Smp_346070.1;Name=5406d096-10ec-47cc-
a702-6908715b42f7
SM_V9_ZSR	iris	exon	17342782	17342985	.
	-	.
Parent=Smp_346070.1;Name=1fdcfeaa-2fbe-4be5-8b99-aabc8dc87ab4
SM_V9_ZSR	iris	exon	17345207	17345281	.
	-	.	Parent=Smp_346070.1;Name=e3323c2f-f872-4a46-
b1c6-a1919baf48f5
SM_V9_ZSR	iris	CDS	17297550	17297891	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17301362	17301460	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17303556	17303853	.
	-	1	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17305135	17305269	.
	-	1	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17306041	17306192	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17306785	17307045	.
	-	0	Parent=Smp_346070.1
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SM_V9_ZSR	iris	CDS	17308370	17308564	.
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SM_V9_ZSR	iris	CDS	17310861	17311076	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17314022	17314189	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17317424	17317627	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17318728	17318979	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17321627	17321884	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17323456	17323575	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17324457	17324687	.
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SM_V9_ZSR	iris	CDS	17326245	17326433	.
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SM_V9_ZSR	iris	CDS	17327393	17327608	.
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SM_V9_ZSR	iris	CDS	17328649	17328804	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17329057	17329164	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17331327	17331659	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17333859	17333942	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17336350	17336445	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17338338	17338421	.
	-	0	Parent=Smp_346070.1
SM_V9_ZSR	iris	CDS	17340565	17340681	.
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SM_V9_ZSR	iris	non_canonical_five_prime_splice_site
17345205	17345205	.	-	.
ID=Smp_346070.1-
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non_canonical_five_prime_splice_site-17345204
SM_V9_ZSR	Liftoff	gene	17345289	17347119	.
	+	.	ID=Smp_091210;geneID=Smp_091210
SM_V9_ZSR	Liftoff	mRNA	17345289	17347119	.
	+	.
ID=Smp_091210.1;Parent=Smp_091210;geneID=Smp_091210;product=Hypothet
ical protein
SM_V9_ZSR	Liftoff	exon	17345289	17347119	.
	+	.	Parent=Smp_091210.1
SM_V9_ZSR	Liftoff	CDS	17345420	17347030	.
	+	0	Parent=Smp_091210.1
SM_V9_ZSR	iris	gene	17366181	17367578	.
	-	.
ID=Smp_350370;geneID=Smp_350370;gene_name=Smp_350370;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	17366173	17367580	.
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0370;owner=irisadmin@local.host;date_last_modified=2022-09-30;Name=S
mp_350370.1;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    17366173        17367580        .
        -       .       Parent=Smp_350370.1;Name=Smp_350370.1-CDS
SM_V9_ZSR       iris    CDS     17366415        17367251        .
        -       0       Parent=Smp_350370.1
SM_V9_ZSR       Liftoff gene    17368762        17375799        .
        -       .
ID=Smp_244960;geneID=Smp_244960;previous_systematic_id=Smp_171960
SM_V9_ZSR       Liftoff mRNA    17368762        17375799        .
        -       .
ID=Smp_244960.1;Parent=Smp_244960;geneID=Smp_244960;product=Dehydrog
enase/reductase SDR family member
1;polypeptide_domain=InterPro:IPR002347,IPR016040,IPR020904
Pfam:PF00106;Ontology_term=GO:0016491
SM_V9_ZSR       Liftoff exon    17368762        17369191        .
        -       .       Parent=Smp_244960.1
SM_V9_ZSR       Liftoff exon    17372386        17372562        .
        -       .       Parent=Smp_244960.1
SM_V9_ZSR       Liftoff exon    17374159        17374540        .
        -       .       Parent=Smp_244960.1
SM_V9_ZSR       Liftoff exon    17375175        17375799        .
        -       .       Parent=Smp_244960.1
SM_V9_ZSR       Liftoff CDS     17368926        17369191        .
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SM_V9_ZSR       Liftoff CDS     17372386        17372562        .
        -       2       Parent=Smp_244960.1
SM_V9_ZSR       Liftoff CDS     17374159        17374540        .
        -       0       Parent=Smp_244960.1
SM_V9_ZSR       Liftoff CDS     17375175        17375372        .
        -       0       Parent=Smp_244960.1
SM_V9_ZSR       Liftoff gene    17380452        17386345        .
        -       .
ID=Smp_244950;geneID=Smp_244950;previous_systematic_id=Smp_171960
SM_V9_ZSR       Liftoff mRNA    17380452        17386345        .
        -       .
ID=Smp_244950.1;Parent=Smp_244950;geneID=Smp_244950;product=Dehydrog
enase/reductase SDR family member
1;polypeptide_domain=InterPro:IPR002347,IPR016040 Pfam:PF00106
SM_V9_ZSR       Liftoff exon    17380452        17381002        .
        -       .       Parent=Smp_244950.1
SM_V9_ZSR       Liftoff exon    17382649        17382807        .
        -       .       Parent=Smp_244950.1
SM_V9_ZSR       Liftoff exon    17384417        17384783        .
        -       .       Parent=Smp_244950.1
SM_V9_ZSR       Liftoff exon    17386107        17386345        .
        -       .       Parent=Smp_244950.1
SM_V9_ZSR       Liftoff CDS     17380737        17381002        .
        -       2       Parent=Smp_244950.1
SM_V9_ZSR       Liftoff CDS     17382649        17382807        .
        -       2       Parent=Smp_244950.1
SM_V9_ZSR       Liftoff CDS     17384417        17384783        .
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        -       0       Parent=Smp_244950.1
SM_V9_ZSR       Liftoff CDS     17386107        17386295        .
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SM_V9_ZSR       Liftoff gene    17400564        17419821        .
        -       .       ID=Smp_091190;geneID=Smp_091190
SM_V9_ZSR       Liftoff mRNA    17400564        17419821        .
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ID=Smp_091190.1;Parent=Smp_091190;geneID=Smp_091190;product=Zinc
finger with UFM1-specific peptidase domain
protein;polypeptide_domain=InterPro:IPR012462 Pfam:PF07910
SM_V9_ZSR       Liftoff exon    17400564        17401097        .
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SM_V9_ZSR       Liftoff exon    17401663        17401917        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff exon    17402452        17402514        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff exon    17408155        17408215        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff exon    17408915        17409221        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff exon    17409492        17409683        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff exon    17411560        17411728        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff exon    17419573        17419643        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff exon    17419703        17419821        .
        -       .       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17401056        17401097        .
        -       0       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17401663        17401917        .
        -       0       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17402452        17402514        .
        -       0       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17408155        17408215        .
        -       1       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17408915        17409221        .
        -       2       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17409492        17409683        .
        -       2       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17411560        17411728        .
        -       0       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17419573        17419643        .
        -       2       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff CDS     17419703        17419718        .
        -       0       Parent=Smp_091190.1
SM_V9_ZSR       Liftoff mRNA    17400564        17419821        .
        -       .
ID=Smp_091190.2;Parent=Smp_091190;geneID=Smp_091190;product=Zinc
finger with UFM1-specific peptidase domain
protein;polypeptide_domain=InterPro:IPR012462 Pfam:PF07910
SM_V9_ZSR       Liftoff exon    17400564        17401097        .
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SM_V9_ZSR       Liftoff exon    17401663        17401917        .
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        -       .       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff exon    17408155        17408215        .
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SM_V9_ZSR       Liftoff exon    17408915        17409221        .
        -       .       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff exon    17409492        17409683        .
        -       .       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff exon    17411560        17411728        .
        -       .       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff exon    17419573        17419643        .
        -       .       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff exon    17419703        17419821        .
        -       .       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17401056        17401097        .
        -       0       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17401663        17401917        .
        -       0       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17408155        17408215        .
        -       1       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17408915        17409221        .
        -       2       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17409492        17409683        .
        -       2       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17411560        17411728        .
        -       0       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17419573        17419643        .
        -       2       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff CDS     17419703        17419718        .
        -       0       Parent=Smp_091190.2
SM_V9_ZSR       Liftoff gene    17424369        17431991        .
        +       .       ID=Smp_171940;geneID=Smp_171940
SM_V9_ZSR       Liftoff mRNA    17424369        17431991        .
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ID=Smp_171940.1;Parent=Smp_171940;geneID=Smp_171940;product=Transcri
ption termination factor 3,
mitochondrial;polypeptide_domain=InterPro:IPR003690
Pfam:PF02536;Ontology_term=GO:0003690,GO:0006355
SM_V9_ZSR       Liftoff exon    17424369        17426589        .
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SM_V9_ZSR       Liftoff exon    17426623        17426818        .
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SM_V9_ZSR       Liftoff exon    17426850        17427015        .
        +       .       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff exon    17427055        17427122        .
        +       .       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff exon    17427987        17428077        .
        +       .       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff exon    17430286        17430451        .
        +       .       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff exon    17431812        17431991        .
        +       .       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff CDS     17426039        17426589        .
        +       0       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff CDS     17426623        17426818        .
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SM_V9_ZSR       Liftoff CDS     17426850        17427015        .
        +       0       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff CDS     17427055        17427122        .
        +       2       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff CDS     17427987        17428077        .
        +       0       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff CDS     17430286        17430451        .
        +       2       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff CDS     17431812        17431923        .
        +       1       Parent=Smp_171940.1
SM_V9_ZSR       Liftoff gene    17435697        17444268        .
        -       .       ID=Smp_091170;geneID=Smp_091170
SM_V9_ZSR       Liftoff mRNA    17435697        17444268        .
        -       .
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mitochondrial;polypeptide_domain=InterPro:IPR000473
Pfam:PF00444;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_ZSR       Liftoff exon    17435697        17444268        .
        -       .       Parent=Smp_091170.1
SM_V9_ZSR       Liftoff CDS     17435876        17436166        .
        -       0       Parent=Smp_091170.1
SM_V9_ZSR       Liftoff gene    17458192        17470987        .
        +       .
ID=Smp_346060;geneID=Smp_346060;previous_systematic_id=Smp_171930
SM_V9_ZSR       Liftoff mRNA    17458192        17470987        .
        +       .
ID=Smp_346060.1;Parent=Smp_346060;geneID=Smp_346060;product=Protein
phosphatase 1 regulatory subunit
32;polypeptide_domain=InterPro:IPR031410 Pfam:PF15691
SM_V9_ZSR       Liftoff exon    17458192        17458465        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff exon    17458504        17458639        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff exon    17458674        17458796        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff exon    17458828        17458888        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff exon    17462115        17462413        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff exon    17463878        17463981        .
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SM_V9_ZSR       Liftoff exon    17467841        17468015        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff exon    17469685        17469851        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff exon    17470753        17470987        .
        +       .       Parent=Smp_346060.1
SM_V9_ZSR       Liftoff CDS     17458242        17458465        .
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SM_V9_ZSR       Liftoff CDS     17458504        17458639        .
        +       1       Parent=Smp_346060.1
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SM_V9_ZSR	Liftoff	CDS	17458674	17458796	.
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SM_V9_ZSR	Liftoff	CDS	17458828	17458888	.
	+	0	Parent=Smp_346060.1
SM_V9_ZSR	Liftoff	CDS	17462115	17462413	.
	+	2	Parent=Smp_346060.1
SM_V9_ZSR	Liftoff	CDS	17463878	17463981	.
	+	0	Parent=Smp_346060.1
SM_V9_ZSR	Liftoff	CDS	17467841	17468015	.
	+	1	Parent=Smp_346060.1
SM_V9_ZSR	Liftoff	CDS	17469685	17469851	.
	+	0	Parent=Smp_346060.1
SM_V9_ZSR	Liftoff	CDS	17470753	17470807	.
	+	1	Parent=Smp_346060.1
SM_V9_ZSR	Liftoff	gene	17485072	17491560	.
	+	.
ID=Smp_341540;geneID=Smp_341540;previous_systematic_id=Smp_091160
SM_V9_ZSR	Liftoff	mRNA	17485072	17491560	.
	+	.
ID=Smp_341540.1;Parent=Smp_341540;geneID=Smp_341540;product=Retinal
homeobox protein Rax
(Fragment);polypeptide_domain=InterPro:IPR001356,IPR009057,IPR017970
Pfam:PF00046;Ontology_term=GO:0003677,GO:0006355,GO:0043565
SM_V9_ZSR	Liftoff	exon	17485072	17485289	.
	+	.	Parent=Smp_341540.1
SM_V9_ZSR	Liftoff	exon	17489028	17489575	.
	+	.	Parent=Smp_341540.1
SM_V9_ZSR	Liftoff	exon	17490664	17491560	.
	+	.	Parent=Smp_341540.1
SM_V9_ZSR	Liftoff	CDS	17485094	17485289	.
	+	0	Parent=Smp_341540.1
SM_V9_ZSR	Liftoff	CDS	17489028	17489575	.
	+	2	Parent=Smp_341540.1
SM_V9_ZSR	Liftoff	CDS	17490664	17491041	.
	+	0	Parent=Smp_341540.1
SM_V9_ZSR	Liftoff	gene	17509099	17514888	.
	+	.	ID=Smp_322570;geneID=Smp_322570
SM_V9_ZSR	Liftoff	mRNA	17509099	17514888	.
	+	.
ID=Smp_322570.1;Parent=Smp_322570;geneID=Smp_322570;product=Acyl-CoA
synthetase family member
4;polypeptide_domain=InterPro:IPR000873,IPR002372,IPR006162,IPR00908
1,IPR011047,IPR018391
Pfam:PF00501,PF00550,PF13360;Ontology_term=GO:0003824,GO:0008152
SM_V9_ZSR	Liftoff	exon	17509099	17511398	.
	+	.	Parent=Smp_322570.1
SM_V9_ZSR	Liftoff	exon	17511431	17514888	.
	+	.	Parent=Smp_322570.1
SM_V9_ZSR	Liftoff	CDS	17511394	17511398	.
	+	0	Parent=Smp_322570.1
SM_V9_ZSR	Liftoff	CDS	17511431	17514716	.
	+	1	Parent=Smp_322570.1
SM_V9_ZSR	iris	gene	17517719	17524838	.
	-	.
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@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    17517719        17524838        .
        -       .
ID=Smp_346050.1;Parent=Smp_346050;geneID=Smp_346050;gene_name=Smp_34
6050;owner=irisadmin@local.host;orig_id=Smp_346050.1;date_last_modif
ied=2022-07-19;Name=Smp_346050.1;product=Probable NADH dehydrogenase
[ubiquinone] iron-sulfur protein 6,
mitochondrial;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    17517719        17517929        .
        -       .       Parent=Smp_346050.1;Name=d811b456-141f-47a2-
a88b-d6708943c0a6
SM_V9_ZSR       iris    exon    17523364        17523486        .
        -       .       Parent=Smp_346050.1;Name=ca53966b-
e94f-44ba-9247-c664afc33c5d
SM_V9_ZSR       iris    exon    17524584        17524637        .
        -       .       Parent=Smp_346050.1;Name=907e5a61-6bcb-44aa-
a15a-d54cd4e461e1
SM_V9_ZSR       iris    exon    17524675        17524838        .
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Parent=Smp_346050.1;Name=f57b9016-5338-4102-8335-9ff4127e981d
SM_V9_ZSR       iris    CDS     17517861        17517929        .
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SM_V9_ZSR       iris    CDS     17524584        17524637        .
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SM_V9_ZSR       iris    CDS     17524675        17524773        .
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SM_V9_ZSR       iris    gene    17534864        17541944        .
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[ubiquinone] iron-sulfur protein 6,
mitochondrial;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    17534864        17535052        .
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SM_V9_ZSR       iris    exon    17540488        17540610        .
        -       .       Parent=Smp_311580.1;Name=59b154f4-4efd-4f73-
bc9b-97e7525963d8
SM_V9_ZSR       iris    exon    17541705        17541758        .
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SM_V9_ZSR	Liftoff	mRNA	17551989	17559068	.
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SM_V9_ZSR	Liftoff	exon	17557612	17557734	.
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	-	.	Parent=Smp_322580.1
SM_V9_ZSR	Liftoff	exon	17558911	17559068	.
	-	.	Parent=Smp_322580.1
SM_V9_ZSR	Liftoff	CDS	17552108	17552176	.
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	-	0	Parent=Smp_322580.1
SM_V9_ZSR	Liftoff	CDS	17558820	17558873	.
	-	0	Parent=Smp_322580.1
SM_V9_ZSR	Liftoff	CDS	17558911	17559009	.
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SM_V9_ZSR	Liftoff	gene	17566222	17571792	.
	+	.
ID=Smp_315980;geneID=Smp_315980;previous_systematic_id=Smp_171890
SM_V9_ZSR	Liftoff	mRNA	17566222	17571792	.
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ID=Smp_315980.1;Parent=Smp_315980;geneID=Smp_315980;product=Histidin
e protein methyltransferase 1
homolog;polypeptide_domain=InterPro:IPR019410,IPR029063 Pfam:PF10294
SM_V9_ZSR	Liftoff	exon	17566222	17566248	.
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SM_V9_ZSR	Liftoff	exon	17567078	17567177	.
	+	.	Parent=Smp_315980.1
SM_V9_ZSR	Liftoff	exon	17567211	17567267	.
	+	.	Parent=Smp_315980.1
SM_V9_ZSR	Liftoff	exon	17569615	17569895	.
	+	.	Parent=Smp_315980.1
SM_V9_ZSR	Liftoff	exon	17570227	17571792	.
	+	.	Parent=Smp_315980.1
SM_V9_ZSR	Liftoff	CDS	17566246	17566248	.
	+	0	Parent=Smp_315980.1
SM_V9_ZSR	Liftoff	CDS	17567078	17567177	.
	+	0	Parent=Smp_315980.1
SM_V9_ZSR	Liftoff	CDS	17567211	17567267	.
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SM_V9_ZSR	Liftoff	CDS	17569615	17569895	.
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SM_V9_ZSR       Liftoff gene    17576587        17582061        .
        -       .       ID=Smp_315990;geneID=Smp_315990
SM_V9_ZSR       Liftoff mRNA    17576587        17582061        .
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SM_V9_ZSR       Liftoff exon    17576587        17578317        .
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SM_V9_ZSR       Liftoff exon    17580617        17580739        .
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SM_V9_ZSR       Liftoff exon    17581836        17581889        .
        -       .       Parent=Smp_315990.1
SM_V9_ZSR       Liftoff exon    17581927        17582061        .
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SM_V9_ZSR       Liftoff CDS     17578297        17578317        .
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SM_V9_ZSR       Liftoff CDS     17580617        17580739        .
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        -       0       Parent=Smp_315990.1
SM_V9_ZSR       Liftoff CDS     17581927        17582025        .
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SM_V9_ZSR       iris    gene    17589224        17594799        .
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ID=Smp_311890;geneID=Smp_311890;gene_name=Smp_311890;owner=irisadmin
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ID=Smp_311890.1;Parent=Smp_311890;geneID=Smp_311890;gene_name=Smp_31
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SM_V9_ZSR       iris    exon    17589224        17589267        .
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Parent=Smp_311890.1;Name=8143de25-43ea-428d-93ea-0aceebd37fd4
SM_V9_ZSR       iris    exon    17590098        17590197        .
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SM_V9_ZSR       iris    exon    17590231        17590287        .
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Parent=Smp_311890.1;Name=4fe4b6b8-5387-4113-960e-94717d9885af
SM_V9_ZSR       iris    exon    17592635        17592915        .
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a705-a35c59742ed6
SM_V9_ZSR       iris    exon    17593247        17594799        .
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acbc-3afbe657c749
SM_V9_ZSR       iris    CDS     17589265        17589267        .
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SM_V9_ZSR       iris    CDS     17593247        17593660        .
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SM_V9_ZSR       iris    exon    17601112        17601337        .
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SM_V9_ZSR       iris    exon    17606115        17606422        .
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SM_V9_ZSR       iris    exon    17610767        17610922        .
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SM_V9_ZSR       iris    exon    17611720        17611944        .
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SM_V9_ZSR       iris    exon    17613050        17613139        .
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Parent=Smp_171880.1;Name=c2909323-0358-44b0-9c9a-8bb0e47b6374
SM_V9_ZSR       iris    exon    17619140        17619300        .
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SM_V9_ZSR       iris    exon    17620725        17620992        .
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SM_V9_ZSR       iris    exon    17621716        17621858        .
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SM_V9_ZSR       iris    exon    17623951        17624200        .
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SM_V9_ZSR       iris    exon    17625566        17625738        .
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Parent=Smp_171880.1;Name=8633828d-3b09-4618-8125-c671266f46fb
SM_V9_ZSR       iris    exon    17626226        17626356        .
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SM_V9_ZSR       iris    exon    17629011        17629152        .
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SM_V9_ZSR       iris    exon    17634876        17635221        .
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Parent=Smp_171880.1;Name=8009c776-473f-44ad-89da-d97bbc527ea6
SM_V9_ZSR       iris    exon    17636728        17637014        .
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Parent=Smp_171880.1;Name=aea9a2d2-8d84-4733-9af5-a292b4332a39
SM_V9_ZSR       iris    exon    17640441        17640551        .
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Parent=Smp_171880.1;Name=a976aa3e-9d7a-4113-804e-3542459cfdcb
SM_V9_ZSR       iris    exon    17645396        17645479        .
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Parent=Smp_171880.1;Name=75574fe1-32c5-4124-8332-a059d60a31f1
SM_V9_ZSR       iris    exon    17645921        17646202        .
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SM_V9_ZSR       iris    exon    17647112        17647322        .
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Parent=Smp_171880.1;Name=bc9ac08f-9201-4b82-98b6-da3d50c452a2
SM_V9_ZSR       iris    exon    17647963        17648013        .
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SM_V9_ZSR       iris    exon    17649092        17649599        .
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Parent=Smp_171880.1;Name=3d04c164-2470-4e37-8943-e5fccd56a8d2
SM_V9_ZSR       iris    exon    17651483        17651537        .
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Parent=Smp_171880.1;Name=69cdb7cf-5c4b-4570-8087-63a83cea0a70
SM_V9_ZSR       iris    exon    17654523        17654683        .
        -       .
Parent=Smp_171880.1;Name=02a20e97-30b4-4a6c-9fb5-8458c7f5bb5f
SM_V9_ZSR       iris    exon    17654720        17655079        .
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Parent=Smp_171880.1;Name=a36acb83-7f66-4a39-800e-165f01669355
SM_V9_ZSR       iris    CDS     17601112        17601337        .
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SM_V9_ZSR       iris    CDS     17606115        17606422        .
        -       0       Parent=Smp_171880.1
SM_V9_ZSR       iris    CDS     17610767        17610922        .
        -       0       Parent=Smp_171880.1
SM_V9_ZSR       iris    CDS     17611720        17611944        .
        -       0       Parent=Smp_171880.1
SM_V9_ZSR       iris    CDS     17613050        17613139        .
        -       0       Parent=Smp_171880.1
SM_V9_ZSR       iris    CDS     17615374        17615608        .
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SM_V9_ZSR       iris    CDS     17619140        17619300        .
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SM_V9_ZSR       iris    CDS     17623951        17624200        .
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SM_V9_ZSR       iris    CDS     17625566        17625738        .
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SM_V9_ZSR       iris    CDS     17649092        17649599        .
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SM_V9_ZSR       Liftoff gene    17678102        17706148        .
        -       .
ID=Smp_171870;geneID=Smp_171870;previous_systematic_id=Smp_189850
SM_V9_ZSR       Liftoff mRNA    17678102        17706148        .
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R020846
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SM_V9_ZSR       Liftoff exon    17681120        17681326        .
        -       .       Parent=Smp_171870.1
SM_V9_ZSR       Liftoff exon    17681910        17682103        .
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SM_V9_ZSR	Liftoff	exon	17692894	17693025	.
	-	.	Parent=Smp_171870.1
SM_V9_ZSR	Liftoff	exon	17694425	17694550	.
	-	.	Parent=Smp_171870.1
SM_V9_ZSR	Liftoff	exon	17695725	17695788	.
	-	.	Parent=Smp_171870.1
SM_V9_ZSR	Liftoff	exon	17697082	17697206	.
	-	.	Parent=Smp_171870.1
SM_V9_ZSR	Liftoff	exon	17701579	17701650	.
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SM_V9_ZSR	Liftoff	exon	17704879	17705127	.
	-	.	Parent=Smp_171870.1
SM_V9_ZSR	Liftoff	exon	17705166	17706148	.
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SM_V9_ZSR	Liftoff	CDS	17678615	17678716	.
	-	0	Parent=Smp_171870.1
SM_V9_ZSR	Liftoff	CDS	17681120	17681326	.
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SM_V9_ZSR	Liftoff	CDS	17681910	17682103	.
	-	2	Parent=Smp_171870.1
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SM_V9_ZSR	Liftoff	CDS	17692894	17693025	.
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SM_V9_ZSR	Liftoff	CDS	17694425	17694550	.
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SM_V9_ZSR	Liftoff	CDS	17695725	17695788	.
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SM_V9_ZSR	Liftoff	CDS	17697082	17697206	.
	-	0	Parent=Smp_171870.1
SM_V9_ZSR	Liftoff	CDS	17701579	17701650	.
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SM_V9_ZSR	Liftoff	CDS	17704879	17705127	.
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SM_V9_ZSR	Liftoff	CDS	17705166	17705168	.
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SM_V9_ZSR	iris	gene	17724572	17762554	.
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ID=Smp_171860;geneID=Smp_171860;gene_name=Smp_171860;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	17724572	17762554	.
	+	.
ID=Smp_171860.1;Parent=Smp_171860;geneID=Smp_171860;gene_name=Smp_17
1860;owner=irisadmin@local.host;orig_id=Smp_171860.2;date_last_modif
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ied=2022-08-02;Name=Smp_171860.1;product=Protein held out
wings;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    17724572        17724830        .
        +       .       Parent=Smp_171860.1;Name=72284b0f-cd90-4ea3-
ba6f-68084dea3686
SM_V9_ZSR       iris    exon    17725476        17725612        .
        +       .
Parent=Smp_171860.1;Name=36bb9277-9e2f-40e1-8853-af4c1a4e83e0
SM_V9_ZSR       iris    exon    17725654        17725770        .
        +       .       Parent=Smp_171860.1;Name=1d637a61-1838-4495-
bbbf-671fa253165e
SM_V9_ZSR       iris    exon    17727154        17727306        .
        +       .       Parent=Smp_171860.1;Name=3a21bd52-772a-4404-
acb0-7e55f75997df
SM_V9_ZSR       iris    exon    17744420        17744477        .
        +       .       Parent=Smp_171860.1;Name=a386d13b-
f6cf-471c-854d-38b283688e76
SM_V9_ZSR       iris    exon    17757031        17757564        .
        +       .       Parent=Smp_171860.1;Name=a9f65d4d-
ab51-40c8-9654-890aba0f6945
SM_V9_ZSR       iris    exon    17758374        17758604        .
        +       .       Parent=Smp_171860.1;Name=00000bb4-43ab-4a20-
b10a-cf8c961ce36d
SM_V9_ZSR       iris    exon    17760076        17760156        .
        +       .
Parent=Smp_171860.1;Name=7223a2d5-335a-4319-892f-1364e39edd7c
SM_V9_ZSR       iris    exon    17760954        17762554        .
        +       .       Parent=Smp_171860.1;Name=6086388d-3dd3-4de9-
b381-95c1fd4b9e87
SM_V9_ZSR       iris    CDS     17724653        17724830        .
        +       0       Parent=Smp_171860.1
SM_V9_ZSR       iris    CDS     17725476        17725612        .
        +       2       Parent=Smp_171860.1
SM_V9_ZSR       iris    CDS     17725654        17725770        .
        +       0       Parent=Smp_171860.1
SM_V9_ZSR       iris    CDS     17727154        17727306        .
        +       0       Parent=Smp_171860.1
SM_V9_ZSR       iris    CDS     17744420        17744477        .
        +       0       Parent=Smp_171860.1
SM_V9_ZSR       iris    CDS     17757031        17757564        .
        +       2       Parent=Smp_171860.1
SM_V9_ZSR       iris    CDS     17758374        17758604        .
        +       2       Parent=Smp_171860.1
SM_V9_ZSR       iris    CDS     17760076        17760149        .
        +       2       Parent=Smp_171860.1
SM_V9_ZSR       Liftoff gene    17812472        17816335        .
        +       .       ID=Smp_322590;geneID=Smp_322590
SM_V9_ZSR       Liftoff mRNA    17812472        17816335        .
        +       .
ID=Smp_322590.1;Parent=Smp_322590;geneID=Smp_322590;product=npp-31/3
2.1B;evidence=Inferred from Sequence
Alignment;literature=PMID:27388856
SM_V9_ZSR       Liftoff exon    17812472        17816335        .
        +       .       Parent=Smp_322590.1
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SM_V9_ZSR       Liftoff CDS     17815852        17816085        .
        +       0       Parent=Smp_322590.1
SM_V9_ZSR       Liftoff gene    17834061        17834815        .
        +       .       ID=Smp_322610;geneID=Smp_322610
SM_V9_ZSR       Liftoff mRNA    17834061        17834815        .
        +       .
ID=Smp_322610.1;Parent=Smp_322610;geneID=Smp_322610;product=Protein
yippee-like 5;polypeptide_domain=InterPro:IPR004910,IPR034751
Pfam:PF03226
SM_V9_ZSR       Liftoff exon    17834061        17834297        .
        +       .       Parent=Smp_322610.1
SM_V9_ZSR       Liftoff exon    17834346        17834815        .
        +       .       Parent=Smp_322610.1
SM_V9_ZSR       Liftoff CDS     17834127        17834297        .
        +       0       Parent=Smp_322610.1
SM_V9_ZSR       Liftoff CDS     17834346        17834537        .
        +       0       Parent=Smp_322610.1
SM_V9_ZSR       iris    gene    17838559        17843166        .
        -       .
ID=Smp_091010;geneID=Smp_091010;gene_name=Smp_091010;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    17838559        17843166        .
        -       .
ID=Smp_091010.1;Parent=Smp_091010;geneID=Smp_091010;gene_name=Smp_09
1010;owner=irisadmin@local.host;orig_id=Smp_091010.1;date_last_modif
ied=2022-08-20;Name=Smp_091010.1;product=probable
hydroxyacylglutathione hydrolase;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    17838559        17839013        .
        -       .       Parent=Smp_091010.1;Name=0aefca78-ef4e-45bd-
b3d7-427d00bfad54
SM_V9_ZSR       iris    exon    17841435        17841838        .
        -       .       Parent=Smp_091010.1;Name=9af9d171-a1fa-4a58-
b598-9cb41921f559
SM_V9_ZSR       iris    exon    17842053        17842172        .
        -       .       Parent=Smp_091010.1;Name=b3df1c5d-3e61-4283-
a35b-e5116bf96a9b
SM_V9_ZSR       iris    exon    17842918        17843166        .
        -       .       Parent=Smp_091010.1;Name=9a2a6318-
fa86-44a3-8f8c-55fbe5eb11cf
SM_V9_ZSR       iris    CDS     17838701        17839013        .
        -       1       Parent=Smp_091010.1
SM_V9_ZSR       iris    CDS     17841435        17841838        .
        -       0       Parent=Smp_091010.1
SM_V9_ZSR       iris    CDS     17842053        17842121        .
        -       0       Parent=Smp_091010.1
SM_V9_ZSR       iris    gene    17848941        17885106        .
        +       .
ID=Smp_244940;geneID=Smp_244940;gene_name=Smp_244940;owner=irisadmin
@local.host;date_last_modified=2022-07-19;date_creation=2022-07-19
SM_V9_ZSR       iris    mRNA    17848941        17885106        .
        +       .
ID=Smp_244940.1;Parent=Smp_244940;geneID=Smp_244940;gene_name=Smp_24
4940;owner=irisadmin@local.host;orig_id=Smp_244940.1;date_last_modif
ied=2022-07-19;Name=Smp_244940.1;product=Serine/threonine-protein
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kinase LATS2;date_creation=2022-07-19
SM_V9_ZSR       iris    exon    17848941        17849268        .
        +       .
Parent=Smp_244940.1;Name=1b74a63a-93da-428a-91c5-12812b7f0b5d
SM_V9_ZSR       iris    exon    17852444        17853188        .
        +       .       Parent=Smp_244940.1;Name=82ccbae4-
bc74-4be4-802c-e68ba66ee3d4
SM_V9_ZSR       iris    exon    17858116        17858431        .
        +       .       Parent=Smp_244940.1;Name=e29315f7-
f566-4ba3-8cb1-d6d0d176e4ca
SM_V9_ZSR       iris    exon    17861377        17861686        .
        +       .
Parent=Smp_244940.1;Name=fd982b25-7ff1-4b2e-94aa-48dd1dd77c58
SM_V9_ZSR       iris    exon    17862731        17863259        .
        +       .       Parent=Smp_244940.1;Name=d1fd59f5-b535-4d6f-
b64c-33722997856e
SM_V9_ZSR       iris    exon    17874938        17875162        .
        +       .       Parent=Smp_244940.1;Name=fd080d42-6af7-4b94-
a814-7fde209b7e7f
SM_V9_ZSR       iris    exon    17877085        17877205        .
        +       .       Parent=Smp_244940.1;Name=f22c697d-
db7e-4771-971d-f43dc074c09e
SM_V9_ZSR       iris    exon    17879046        17879497        .
        +       .
Parent=Smp_244940.1;Name=af09f57f-4420-4350-8992-6757fcad3a28
SM_V9_ZSR       iris    exon    17879673        17879974        .
        +       .
Parent=Smp_244940.1;Name=28c5aac5-007f-4095-89be-018c71e5ae64
SM_V9_ZSR       iris    exon    17884227        17885106        .
        +       .       Parent=Smp_244940.1;Name=7a43a242-91a9-4d25-
b1d5-e6c3a33d6692
SM_V9_ZSR       iris    CDS     17849026        17849268        .
        +       0       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17852444        17853188        .
        +       0       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17858116        17858431        .
        +       2       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17861377        17861686        .
        +       1       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17862731        17863259        .
        +       0       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17874938        17875162        .
        +       2       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17877085        17877205        .
        +       2       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17879046        17879497        .
        +       1       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17879673        17879974        .
        +       2       Parent=Smp_244940.1
SM_V9_ZSR       iris    CDS     17884227        17884406        .
        +       0       Parent=Smp_244940.1
SM_V9_ZSR       Liftoff gene    17900571        17906096        .
        +       .       ID=Smp_053470;geneID=Smp_053470
SM_V9_ZSR       Liftoff mRNA    17900571        17906096        .
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        +       .
ID=Smp_053470.1;Parent=Smp_053470;geneID=Smp_053470;product=Uncharac
terized NOP5 family protein
K07C5.4;polypeptide_domain=InterPro:IPR002687,IPR012974
Pfam:PF01798,PF08156
SM_V9_ZSR       Liftoff exon    17900571        17900605        .
        +       .       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff exon    17900646        17900926        .
        +       .       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff exon    17902247        17902865        .
        +       .       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff exon    17904057        17904307        .
        +       .       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff exon    17905140        17905560        .
        +       .       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff exon    17905647        17906096        .
        +       .       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff CDS     17900600        17900605        .
        +       0       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff CDS     17900646        17900926        .
        +       0       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff CDS     17902247        17902865        .
        +       1       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff CDS     17904057        17904307        .
        +       0       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff CDS     17905140        17905560        .
        +       1       Parent=Smp_053470.1
SM_V9_ZSR       Liftoff CDS     17905647        17905985        .
        +       0       Parent=Smp_053470.1
SM_V9_ZSR       iris    gene    17908635        17914864        .
        -       .
ID=Smp_304800;geneID=Smp_304800;gene_name=Smp_304800;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    17908635        17914864        .
        -       .
ID=Smp_304800.1;Parent=Smp_304800;geneID=Smp_304800;gene_name=Smp_30
4800;owner=irisadmin@local.host;orig_id=Smp_304800.2;date_last_modif
ied=2022-07-20;Name=Smp_304800.1;product=GPI mannosyltransferase
3;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    17908635        17909051        .
        -       .       Parent=Smp_304800.1;Name=63f7526c-f0ed-4fa9-
a2eb-9d0b273260fe
SM_V9_ZSR       iris    exon    17909479        17909800        .
        -       .       Parent=Smp_304800.1;Name=8921b338-5d7b-4a3b-
be9f-d44112b85612
SM_V9_ZSR       iris    exon    17910789        17911196        .
        -       .
Parent=Smp_304800.1;Name=dcd7f617-310a-4d92-934a-9bd74249896a
SM_V9_ZSR       iris    exon    17911965        17912308        .
        -       .       Parent=Smp_304800.1;Name=7f59c305-
e5b6-4b80-9fc5-6c3d0429a4fa
SM_V9_ZSR       iris    exon    17913889        17914111        .
        -       .
Parent=Smp_304800.1;Name=7a1d9f43-4a6b-4681-9b7a-f0029dac51ed
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SM_V9_ZSR	iris	exon	17914706	17914864	.
	-	.	Parent=Smp_304800.1;Name=76cb5e4b-7cc8-4a0f-
b6d6-d78a333cc341
SM_V9_ZSR	iris	CDS	17909581	17909800	.
	-	1	Parent=Smp_304800.1
SM_V9_ZSR	iris	CDS	17910789	17911196	.
	-	1	Parent=Smp_304800.1
SM_V9_ZSR	iris	CDS	17911965	17912308	.
	-	0	Parent=Smp_304800.1
SM_V9_ZSR	iris	CDS	17913889	17914111	.
	-	1	Parent=Smp_304800.1
SM_V9_ZSR	iris	CDS	17914706	17914848	.
	-	0	Parent=Smp_304800.1
SM_V9_ZSR	iris	gene	17917482	17942903	.
	-	.
ID=Smp_350030;geneID=Smp_350030;gene_name=Smp_350030;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	17917482	17942903	.
	-	.
ID=Smp_350030.1;Parent=Smp_350030;geneID=Smp_350030;gene_name=Smp_35
0030;owner=irisadmin@local.host;orig_id=Smp_304800.3;date_last_modif
ied=2022-08-20;Name=Smp_350030.1;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	17917482	17917973	.
	-	.	Parent=Smp_350030.1;Name=6c4b12e9-
de27-4ca3-89fd-3d3f0be8cdba
SM_V9_ZSR	iris	exon	17918369	17918599	.
	-	.
Parent=Smp_350030.1;Name=2d53c777-0c94-4473-9083-b4e419213d4e
SM_V9_ZSR	iris	exon	17919140	17919260	.
	-	.	Parent=Smp_350030.1;Name=317256d6-3925-4247-
a343-964ed020a621
SM_V9_ZSR	iris	exon	17920838	17921133	.
	-	.	Parent=Smp_350030.1;Name=b1c9ced1-9697-4801-
b516-a72d7c829a58
SM_V9_ZSR	iris	exon	17922231	17922494	.
	-	.	Parent=Smp_350030.1;Name=a85f4ec4-3756-4919-
a7b4-20c92941eb4a
SM_V9_ZSR	iris	exon	17931662	17932019	.
	-	.	Parent=Smp_350030.1;Name=9ba57e99-
af29-42ba-881e-4c87994d8ff5
SM_V9_ZSR	iris	exon	17933009	17933282	.
	-	.
Parent=Smp_350030.1;Name=29c111b2-018b-4747-857e-c36af4585250
SM_V9_ZSR	iris	exon	17934487	17934622	.
	-	.	Parent=Smp_350030.1;Name=39e1ab37-ea39-4206-
a6e9-2825ac87a97e
SM_V9_ZSR	iris	exon	17935180	17935305	.
	-	.	Parent=Smp_350030.1;Name=fba84d15-bd6e-49b2-
b236-cec7b8a9cdf9
SM_V9_ZSR	iris	exon	17936057	17936506	.
	-	.	Parent=Smp_350030.1;Name=878d00d0-3904-4146-
a4a4-9006fd30b8ac
SM_V9_ZSR	iris	exon	17940763	17942110	.
	-	.	Parent=Smp_350030.1;Name=a2f24f7a-99a5-4e86-
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be3d-38c66b6db350
SM_V9_ZSR       iris    exon    17942789        17942903        .
        -       .
Parent=Smp_350030.1;Name=e1942f2a-2299-49af-9090-fd0a9e5bccd1
SM_V9_ZSR       iris    CDS     17917506        17917973        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17918369        17918599        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17919140        17919260        .
        -       1       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17920838        17921133        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17922231        17922494        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17931662        17932019        .
        -       1       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17933009        17933282        .
        -       2       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17934487        17934622        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17935180        17935305        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17936057        17936506        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       iris    CDS     17940763        17942055        .
        -       0       Parent=Smp_350030.1
SM_V9_ZSR       Liftoff gene    17952011        17954743        .
        +       .       ID=Smp_053430;geneID=Smp_053430
SM_V9_ZSR       Liftoff mRNA    17952011        17954743        .
        +       .
ID=Smp_053430.1;Parent=Smp_053430;geneID=Smp_053430;product=Transmem
brane protein 35B;polypeptide_domain=InterPro:IPR032808 Pfam:PF13564
SM_V9_ZSR       Liftoff exon    17952011        17954291        .
        +       .       Parent=Smp_053430.1
SM_V9_ZSR       Liftoff exon    17954335        17954556        .
        +       .       Parent=Smp_053430.1
SM_V9_ZSR       Liftoff exon    17954596        17954743        .
        +       .       Parent=Smp_053430.1
SM_V9_ZSR       Liftoff CDS     17954145        17954291        .
        +       0       Parent=Smp_053430.1
SM_V9_ZSR       Liftoff CDS     17954335        17954556        .
        +       0       Parent=Smp_053430.1
SM_V9_ZSR       Liftoff CDS     17954596        17954679        .
        +       0       Parent=Smp_053430.1
SM_V9_ZSR       iris    gene    17978281        17982032        .
        +       .
ID=Smp_053420;geneID=Smp_053420;gene_name=Smp_053420;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    17978281        17982032        .
        +       .
ID=Smp_053420.1;Parent=Smp_053420;geneID=Smp_053420;gene_name=Smp_05
3420;owner=irisadmin@local.host;orig_id=Smp_053420.1;date_last_modif
ied=2022-07-20;Name=Smp_053420.1;product=Fermitin family homolog
1;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	17978281	17981125	.
	+	.	Parent=Smp_053420.1;Name=0f0c92f7-7c3e-47d1-
a7eb-9448a8f8bd02
SM_V9_ZSR	iris	exon	17981542	17982032	.
	+	.	Parent=Smp_053420.1;Name=da1ee054-31fa-43a4-
be98-de10821dfe30
SM_V9_ZSR	iris	CDS	17978339	17980903	.
	+	0	Parent=Smp_053420.1
SM_V9_ZSR	iris	gene	18008563	18139618	.
	-	.
ID=Smp_243150;geneID=Smp_243150;gene_name=Smp_243150;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-08-14
SM_V9_ZSR	iris	mRNA	18008563	18139618	.
	-	.
ID=Smp_243150.1;Parent=Smp_243150;geneID=Smp_243150;gene_name=Smp_24
3150;owner=irisadmin@local.host;orig_id=Smp_243150.1;date_last_modif
ied=2022-09-30;Name=Smp_243150.1;product=Teneurin-3;date_creation=20
22-08-14
SM_V9_ZSR	iris	exon	18008563	18010722	.
	-	.	Parent=Smp_243150.1;Name=e067b5aa-
f28c-4a9b-88a2-675b9f103e85
SM_V9_ZSR	iris	exon	18012679	18013607	.
	-	.
Parent=Smp_243150.1;Name=99c83ba8-74c2-4880-89e4-a6edd947a4af
SM_V9_ZSR	iris	exon	18014066	18014764	.
	-	.	Parent=Smp_243150.1;Name=d8752d67-30e3-4f22-
ad62-755b3064613d
SM_V9_ZSR	iris	exon	18016065	18017036	.
	-	.	Parent=Smp_243150.1;Name=ac147e8c-f763-465a-
bd60-24f054343bdb
SM_V9_ZSR	iris	exon	18019048	18019308	.
	-	.	Parent=Smp_243150.1;Name=ca2bcba2-
eaa4-41a2-8c1d-e08208820e12
SM_V9_ZSR	iris	exon	18021921	18022532	.
	-	.
Parent=Smp_243150.1;Name=d0c1d977-2aef-486d-9b3c-16ba3cb7e79f
SM_V9_ZSR	iris	exon	18024246	18024390	.
	-	.	Parent=Smp_243150.1;Name=3e5c90f9-14e2-4e1f-
bdd8-85da81822159
SM_V9_ZSR	iris	exon	18025216	18025448	.
	-	.
Parent=Smp_243150.1;Name=a19e2775-75c9-4863-964c-6be8b648432a
SM_V9_ZSR	iris	exon	18026185	18026509	.
	-	.	Parent=Smp_243150.1;Name=b6baff09-9471-4312-
a5fa-c46282de994d
SM_V9_ZSR	iris	exon	18029030	18029216	.
	-	.
Parent=Smp_243150.1;Name=cf2b914d-4b5f-453d-88d7-b404511ca0c0
SM_V9_ZSR	iris	exon	18030374	18030715	.
	-	.
Parent=Smp_243150.1;Name=f6395a08-61b9-40c8-9c5f-d9845959aef5
SM_V9_ZSR	iris	exon	18032330	18032606	.
	-	.	Parent=Smp_243150.1;Name=6cff5140-8d6a-446f-
b790-599a5eba4755
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SM_V9_ZSR       iris    exon    18034817        18035227        .
        -       .       Parent=Smp_243150.1;Name=970c3d59-2242-45ee-
bf2b-3f86137cd42f
SM_V9_ZSR       iris    exon    18036851        18037141        .
        -       .       Parent=Smp_243150.1;Name=23610aea-a540-4de8-
adce-29822c665768
SM_V9_ZSR       iris    exon    18038471        18038978        .
        -       .       Parent=Smp_243150.1;Name=79807be1-c82b-4dca-
be07-4caa924df9be
SM_V9_ZSR       iris    exon    18039562        18039804        .
        -       .       Parent=Smp_243150.1;Name=84bc4660-
c4c0-4ac9-8ead-78e60186c3d1
SM_V9_ZSR       iris    exon    18040778        18040931        .
        -       .       Parent=Smp_243150.1;Name=28e92798-
f3c6-465c-9ae1-07b44923b79b
SM_V9_ZSR       iris    exon    18043281        18043527        .
        -       .       Parent=Smp_243150.1;Name=68ad03d1-
a804-4e58-9fe4-f395dceb5a22
SM_V9_ZSR       iris    exon    18044077        18044545        .
        -       .
Parent=Smp_243150.1;Name=8324278e-8845-4d8b-9a1b-8d9b2c326a5a
SM_V9_ZSR       iris    exon    18047413        18047532        .
        -       .       Parent=Smp_243150.1;Name=ef8042bc-7b21-4b50-
ad27-b7b86e4c8173
SM_V9_ZSR       iris    exon    18050089        18050332        .
        -       .       Parent=Smp_243150.1;Name=1830ec93-c695-4191-
aacf-2b128921895b
SM_V9_ZSR       iris    exon    18055271        18055423        .
        -       .       Parent=Smp_243150.1;Name=a83adc24-
fe84-41ea-8996-92faeb533962
SM_V9_ZSR       iris    exon    18057192        18057392        .
        -       .
Parent=Smp_243150.1;Name=40739160-0369-43e3-902d-1dd678006834
SM_V9_ZSR       iris    exon    18058238        18058555        .
        -       .       Parent=Smp_243150.1;Name=251288eb-c347-4d57-
b885-83b7a70be104
SM_V9_ZSR       iris    exon    18060386        18060580        .
        -       .
Parent=Smp_243150.1;Name=71a96028-899c-4296-8510-1db2cbcb64a1
SM_V9_ZSR       iris    exon    18061575        18061676        .
        -       .
Parent=Smp_243150.1;Name=63e99ed5-0ae5-4dda-9c54-a45ca1248d4a
SM_V9_ZSR       iris    exon    18071458        18071572        .
        -       .
Parent=Smp_243150.1;Name=9ce793ff-9983-4130-80d9-8dba8a6960d2
SM_V9_ZSR       iris    exon    18078017        18078351        .
        -       .       Parent=Smp_243150.1;Name=ffe92e58-170c-40e6-
ad94-65d518d310e5
SM_V9_ZSR       iris    exon    18082051        18082113        .
        -       .       Parent=Smp_243150.1;Name=67ea3ad4-2e44-4365-
bd79-5e4f176c58c4
SM_V9_ZSR       iris    exon    18084828        18085264        .
        -       .       Parent=Smp_243150.1;Name=a77b784e-e343-4ffb-
a63d-65c00293c10c
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SM_V9_ZSR	iris	exon	18106871	18107402	.
	-	.
Parent=Smp_243150.1;Name=d95723fb-54ff-4571-9f15-17c10968ece8
SM_V9_ZSR	iris	exon	18131902	18132753	.
	-	.
Parent=Smp_243150.1;Name=635b63a5-4e1d-43dc-84a3-4ff7f6db9db5
SM_V9_ZSR	iris	exon	18139140	18139618	.
	-	.	Parent=Smp_243150.1;Name=a5e36e19-8605-4c65-
bf5c-f427773c6924
SM_V9_ZSR	iris	CDS	18012726	18013607	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18014066	18014764	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18016065	18017036	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18019048	18019308	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18021921	18022532	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18024246	18024390	.
	-	1	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18025216	18025448	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18026185	18026509	.
	-	1	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18029030	18029216	.
	-	2	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18030374	18030715	.
	-	2	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18032330	18032606	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18034817	18035227	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18036851	18037141	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18038471	18038978	.
	-	1	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18039562	18039804	.
	-	1	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18040778	18040931	.
	-	2	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18043281	18043527	.
	-	0	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18044077	18044545	.
	-	1	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18047413	18047532	.
	-	1	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18050089	18050332	.
	-	2	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18055271	18055423	.
	-	2	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18057192	18057392	.
	-	2	Parent=Smp_243150.1
SM_V9_ZSR	iris	CDS	18058238	18058555	.
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        -       2       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18060386        18060580        .
        -       2       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18061575        18061676        .
        -       2       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18071458        18071572        .
        -       0       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18078017        18078351        .
        -       2       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18082051        18082113        .
        -       2       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18084828        18085264        .
        -       1       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18106871        18107402        .
        -       2       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18131902        18132753        .
        -       2       Parent=Smp_243150.1
SM_V9_ZSR       iris    CDS     18139140        18139533        .
        -       0       Parent=Smp_243150.1
SM_V9_ZSR       iris    mRNA    18008563        18139618        .
        -       .
ID=Smp_243150.2;Parent=Smp_243150;geneID=Smp_243150;gene_name=Smp_24
3150;owner=irisadmin@local.host;date_last_modified=2022-09-30;Name=S
mp_243150.2;date_creation=2022-08-14
SM_V9_ZSR       iris    exon    18008563        18010722        .
        -       .
Parent=Smp_243150.2;Name=b3d4347b-207b-42af-83b3-1f8e8a82ae3f
SM_V9_ZSR       iris    exon    18011337        18011405        .
        -       .       Parent=Smp_243150.2;Name=bd233f62-7c1f-4c45-
b115-7e9b2befac63
SM_V9_ZSR       iris    exon    18012679        18013607        .
        -       .
Parent=Smp_243150.2;Name=7f616d1e-3d9c-4350-89a4-86368d9a02f5
SM_V9_ZSR       iris    exon    18014066        18014764        .
        -       .
Parent=Smp_243150.2;Name=d2ca5823-6553-4560-8615-8206b1f5c519
SM_V9_ZSR       iris    exon    18016065        18017036        .
        -       .
Parent=Smp_243150.2;Name=f80bbcdc-02f4-49b4-900e-8d395933f4d7
SM_V9_ZSR       iris    exon    18019048        18019308        .
        -       .       Parent=Smp_243150.2;Name=e5cd245c-4539-4588-
a8b4-25cffbf979d8
SM_V9_ZSR       iris    exon    18021921        18022532        .
        -       .       Parent=Smp_243150.2;Name=cc3296ce-dbd3-4019-
b831-8bea405e3450
SM_V9_ZSR       iris    exon    18024246        18024390        .
        -       .       Parent=Smp_243150.2;Name=5dad0288-
c947-4c8c-9efd-29ee41f6d453
SM_V9_ZSR       iris    exon    18025216        18025448        .
        -       .       Parent=Smp_243150.2;Name=2e6afef1-
f58c-46db-8906-4af6a0f07014
SM_V9_ZSR       iris    exon    18026185        18026509        .
        -       .       Parent=Smp_243150.2;Name=4ff1d8d7-fd1d-466d-
bfa5-36a7892c4120
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SM_V9_ZSR	iris	exon	18029030	18029216	.
	-	.	Parent=Smp_243150.2;Name=c6a54b1f-9f6f-49e3-
acc5-32e012b469be
SM_V9_ZSR	iris	exon	18030374	18030715	.
	-	.	Parent=Smp_243150.2;Name=c639fc04-1b63-44ec-
a797-5a1c797e19ff
SM_V9_ZSR	iris	exon	18032330	18032606	.
	-	.
Parent=Smp_243150.2;Name=c06a5564-85bf-409b-8e43-af909ca37f68
SM_V9_ZSR	iris	exon	18034817	18035227	.
	-	.	Parent=Smp_243150.2;Name=77656e48-641b-41f6-
bf22-2dd3263ed978
SM_V9_ZSR	iris	exon	18036851	18037141	.
	-	.	Parent=Smp_243150.2;Name=62d796d4-c11a-433f-
a158-b40adf1a2fd0
SM_V9_ZSR	iris	exon	18038471	18038978	.
	-	.	Parent=Smp_243150.2;Name=01e09e80-ee45-400b-
a76c-aa809449dfd7
SM_V9_ZSR	iris	exon	18039562	18039804	.
	-	.
Parent=Smp_243150.2;Name=7550f0cb-45f5-4d80-876d-16b73df4f566
SM_V9_ZSR	iris	exon	18040778	18040931	.
	-	.	Parent=Smp_243150.2;Name=027a2cd5-3699-4faa-
a5e0-082fff32c681
SM_V9_ZSR	iris	exon	18043281	18043527	.
	-	.	Parent=Smp_243150.2;Name=df93f7c5-0d60-4e3d-
ad97-18e5fbb0034a
SM_V9_ZSR	iris	exon	18044077	18044545	.
	-	.	Parent=Smp_243150.2;Name=239a68a4-1f32-4777-
bdc4-2b3dd2fe513b
SM_V9_ZSR	iris	exon	18047413	18047532	.
	-	.	Parent=Smp_243150.2;Name=88ac8e0b-c589-4bff-
b79a-19a342d9b7b1
SM_V9_ZSR	iris	exon	18050089	18050332	.
	-	.
Parent=Smp_243150.2;Name=b529e57e-7662-4aa1-8d09-8ac0136b7889
SM_V9_ZSR	iris	exon	18055271	18055423	.
	-	.	Parent=Smp_243150.2;Name=6f119a29-
ba96-4c4a-8fab-8e7e84dc9cc7
SM_V9_ZSR	iris	exon	18057192	18057392	.
	-	.
Parent=Smp_243150.2;Name=7d8ea1fd-82b4-4fcc-82cc-fecf809f889d
SM_V9_ZSR	iris	exon	18058238	18058555	.
	-	.	Parent=Smp_243150.2;Name=fb14210c-
f9c0-4211-86d8-d43f38350b28
SM_V9_ZSR	iris	exon	18060386	18060580	.
	-	.	Parent=Smp_243150.2;Name=bab0d5af-615e-4920-
ad16-d09bb05ea2fa
SM_V9_ZSR	iris	exon	18061575	18061676	.
	-	.	Parent=Smp_243150.2;Name=a265acb8-ab6e-466b-
b558-cf51d678f48f
SM_V9_ZSR	iris	exon	18071458	18071572	.
	-	.	Parent=Smp_243150.2;Name=d4ab8c69-c560-47ba-
b5a1-43ff8deef103
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SM_V9_ZSR	iris	exon	18078017	18078351	.	-	.	Parent=Smp_243150.2;Name=dd402746-3d28-430c-b378-b471b6fa20d9
SM_V9_ZSR	iris	exon	18082051	18082113	.	-	.	Parent=Smp_243150.2;Name=2cb2b1ad-ef2e-4a72-8951-f26d4134c146
SM_V9_ZSR	iris	exon	18084828	18085264	.	-	.	Parent=Smp_243150.2;Name=01aec03d-974f-4dc2-bb06-f050ce230b63
SM_V9_ZSR	iris	exon	18106871	18107402	.	-	.	Parent=Smp_243150.2;Name=b85e8f85-7ef8-46d2-997c-493f77be95a9
SM_V9_ZSR	iris	exon	18131902	18132753	.	-	.	Parent=Smp_243150.2;Name=e820bfa0-fddb-4921-9747-135368e44feb
SM_V9_ZSR	iris	exon	18139140	18139618	.	-	.	Parent=Smp_243150.2;Name=20ab9144-fa28-4517-9ddb-6a2e57c36087
SM_V9_ZSR	iris	CDS	18012726	18013607	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18014066	18014764	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18016065	18017036	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18019048	18019308	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18021921	18022532	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18024246	18024390	.	-	1	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18025216	18025448	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18026185	18026509	.	-	1	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18029030	18029216	.	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18030374	18030715	.	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18032330	18032606	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18034817	18035227	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18036851	18037141	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18038471	18038978	.	-	1	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18039562	18039804	.	-	1	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18040778	18040931	.	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18043281	18043527	.	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18044077	18044545	.	-	1	Parent=Smp_243150.2
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SM_V9_ZSR	iris	CDS	18047413	18047532	.
	-	1	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18050089	18050332	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18055271	18055423	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18057192	18057392	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18058238	18058555	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18060386	18060580	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18061575	18061676	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18071458	18071572	.
	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18078017	18078351	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18082051	18082113	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18084828	18085264	.
	-	1	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18106871	18107402	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18131902	18132753	.
	-	2	Parent=Smp_243150.2
SM_V9_ZSR	iris	CDS	18139140	18139533	.
	-	0	Parent=Smp_243150.2
SM_V9_ZSR	iris	gene	18152112	18189604	.
	-	.
ID=Smp_174310;geneID=Smp_174310;gene_name=Smp_174310;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	18152112	18189604	.
	-	.
ID=Smp_174310.1;Parent=Smp_174310;geneID=Smp_174310;gene_name=Smp_17
4310;owner=irisadmin@local.host;orig_id=Smp_174310.2;date_last_modif
ied=2022-08-02;Name=Smp_174310.1;product=Transmembrane protein
94;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	18152112	18152291	.
	-	.	Parent=Smp_174310.1;Name=78e212a9-2d62-43dc-
b19c-e51cf5be14bf
SM_V9_ZSR	iris	exon	18153277	18153441	.
	-	.	Parent=Smp_174310.1;Name=85a3b14b-3086-4863-
b845-5714236993f8
SM_V9_ZSR	iris	exon	18154990	18155083	.
	-	.	Parent=Smp_174310.1;Name=78b1a8ce-9c8d-4568-
b483-6885623565f8
SM_V9_ZSR	iris	exon	18156246	18156343	.
	-	.	Parent=Smp_174310.1;Name=0baddc1e-59b0-4f9d-
ac17-b692ead70612
SM_V9_ZSR	iris	exon	18158510	18158709	.
	-	.	Parent=Smp_174310.1;Name=93f1f9fa-b967-4004-
a180-0ffb66defec7
SM_V9_ZSR	iris	exon	18159851	18160282	.
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        -       .
Parent=Smp_174310.1;Name=c181746e-2339-4a18-9447-fd2289ea25ff
SM_V9_ZSR       iris    exon    18161279        18161476        .
        -       .       Parent=Smp_174310.1;Name=72c6f0e1-
d71a-4c7b-91f8-2f77ecd6d957
SM_V9_ZSR       iris    exon    18169439        18169620        .
        -       .       Parent=Smp_174310.1;Name=13fdecaa-b7e4-4c9b-
af0d-be46eae4c3b7
SM_V9_ZSR       iris    exon    18171213        18171312        .
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bd8b-44dd-905d-b70cd2ed9340
SM_V9_ZSR       iris    exon    18172979        18173326        .
        -       .       Parent=Smp_174310.1;Name=74f4425d-4653-4570-
a012-3658d9df2f8a
SM_V9_ZSR       iris    exon    18177434        18177492        .
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SM_V9_ZSR       iris    exon    18177574        18177766        .
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Parent=Smp_174310.1;Name=37fe783a-5bcf-46f0-904c-a371e819e1cb
SM_V9_ZSR       iris    exon    18178798        18178954        .
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SM_V9_ZSR       iris    exon    18181056        18181573        .
        -       .       Parent=Smp_174310.1;Name=4e29613a-49c7-4f4d-
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SM_V9_ZSR       iris    exon    18182937        18183254        .
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Parent=Smp_174310.1;Name=47d51e14-488e-4dd1-9224-a4ea162e8621
SM_V9_ZSR       iris    exon    18188237        18188824        .
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Parent=Smp_174310.1;Name=63187a8c-6de1-4fa4-886f-cc9875902777
SM_V9_ZSR       iris    exon    18188866        18189062        .
        -       .
Parent=Smp_174310.1;Name=986f8b15-7044-4855-972f-ce5f24f3c589
SM_V9_ZSR       iris    exon    18189092        18189240        .
        -       .       Parent=Smp_174310.1;Name=6f5d72e5-d00b-4ae2-
a1da-e3fe1ce6b590
SM_V9_ZSR       iris    exon    18189287        18189604        .
        -       .       Parent=Smp_174310.1;Name=40ee5fd7-67b7-43e7-
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SM_V9_ZSR       iris    CDS     18152219        18152291        .
        -       1       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18153277        18153441        .
        -       1       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18154990        18155083        .
        -       2       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18156246        18156343        .
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        -       1       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18158510        18158709        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18159851        18160282        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18161279        18161476        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18169439        18169620        .
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SM_V9_ZSR       iris    CDS     18171213        18171312        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18172979        18173326        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18177434        18177492        .
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SM_V9_ZSR       iris    CDS     18177574        18177766        .
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SM_V9_ZSR       iris    CDS     18178798        18178954        .
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SM_V9_ZSR       iris    CDS     18182937        18183254        .
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        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18186468        18186761        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18188237        18188824        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18188866        18189062        .
        -       2       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18189092        18189240        .
        -       1       Parent=Smp_174310.1
SM_V9_ZSR       iris    CDS     18189287        18189477        .
        -       0       Parent=Smp_174310.1
SM_V9_ZSR       Liftoff gene    18192991        18200515        .
        +       .       ID=Smp_095130;geneID=Smp_095130
SM_V9_ZSR       Liftoff mRNA    18192991        18200515        .
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ID=Smp_095130.1;Parent=Smp_095130;geneID=Smp_095130;product=Porphobi
linogen
deaminase;polypeptide_domain=InterPro:IPR000860,IPR022417,IPR022418,
IPR022419
Pfam:PF01379,PF03900;Ontology_term=GO:0004418,GO:0018160,GO:0033014
SM_V9_ZSR       Liftoff exon    18192991        18193630        .
        +       .       Parent=Smp_095130.1
SM_V9_ZSR       Liftoff exon    18198741        18199172        .
        +       .       Parent=Smp_095130.1
SM_V9_ZSR       Liftoff exon    18200035        18200515        .
        +       .       Parent=Smp_095130.1
SM_V9_ZSR       Liftoff CDS     18193013        18193630        .
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SM_V9_ZSR       Liftoff CDS     18198741        18199172        .
        +       0       Parent=Smp_095130.1
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SM_V9_ZSR       Liftoff CDS     18200035        18200220        .
        +       0       Parent=Smp_095130.1
SM_V9_ZSR       iris    gene    18201444        18205758        .
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ID=Smp_095140;geneID=Smp_095140;gene_name=Smp_095140;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    18201444        18205758        .
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ID=Smp_095140.1;Parent=Smp_095140;geneID=Smp_095140;gene_name=Smp_09
5140;owner=irisadmin@local.host;orig_id=Smp_095140.1;date_last_modif
ied=2022-07-20;Name=Smp_095140.1;product=THUMP domain-containing
protein 1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    18201444        18201512        .
        +       .       Parent=Smp_095140.1;Name=2bd2f19b-cfa9-4811-
a37a-61ccbe659370
SM_V9_ZSR       iris    exon    18204648        18205758        .
        +       .       Parent=Smp_095140.1;Name=51e554fa-9ba3-40b8-
adc5-dc80823241ed
SM_V9_ZSR       iris    CDS     18204659        18205723        .
        +       0       Parent=Smp_095140.1
SM_V9_ZSR       iris    gene    18216025        18223919        .
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ID=Smp_095150;geneID=Smp_095150;gene_name=Smp_095150;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    18216025        18223919        .
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ID=Smp_095150.1;Parent=Smp_095150;geneID=Smp_095150;gene_name=Smp_09
5150;owner=irisadmin@local.host;orig_id=Smp_095150.1;date_last_modif
ied=2022-08-20;Name=Smp_095150.1;product=Eukaryotic translation
initiation factor 2 subunit 3;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    18216025        18216108        .
        +       .       Parent=Smp_095150.1;Name=9727b845-
d306-43d6-90d6-b8b509e76e69
SM_V9_ZSR       iris    exon    18216149        18216462        .
        +       .       Parent=Smp_095150.1;Name=26fbb1b2-
e680-460c-9a35-a03b4ab3f7b2
SM_V9_ZSR       iris    exon    18217524        18217758        .
        +       .
Parent=Smp_095150.1;Name=3286015c-9890-4a90-91f7-aa24ef2e2d8f
SM_V9_ZSR       iris    exon    18218272        18218425        .
        +       .       Parent=Smp_095150.1;Name=cb18f082-9198-4891-
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SM_V9_ZSR       iris    exon    18218515        18218609        .
        +       .       Parent=Smp_095150.1;Name=27b3874b-536e-4b77-
accc-0fff9979bb16
SM_V9_ZSR       iris    exon    18218768        18219085        .
        +       .
Parent=Smp_095150.1;Name=258ba0cd-95eb-4660-88ff-0c869a88f15e
SM_V9_ZSR       iris    exon    18223479        18223651        .
        +       .       Parent=Smp_095150.1;Name=82c3a228-
be22-4704-8a49-1f066a01e2d1
SM_V9_ZSR       iris    exon    18223742        18223919        .
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Parent=Smp_095150.1;Name=347d7a9b-52e2-4b42-87ee-a67dce564348
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SM_V9_ZSR	iris	CDS	18216064	18216108	.
	+	0	Parent=Smp_095150.1
SM_V9_ZSR	iris	CDS	18216149	18216462	.
	+	0	Parent=Smp_095150.1
SM_V9_ZSR	iris	CDS	18217524	18217758	.
	+	1	Parent=Smp_095150.1
SM_V9_ZSR	iris	CDS	18218272	18218425	.
	+	0	Parent=Smp_095150.1
SM_V9_ZSR	iris	CDS	18218515	18218609	.
	+	2	Parent=Smp_095150.1
SM_V9_ZSR	iris	CDS	18218768	18219085	.
	+	0	Parent=Smp_095150.1
SM_V9_ZSR	iris	CDS	18223479	18223651	.
	+	0	Parent=Smp_095150.1
SM_V9_ZSR	iris	CDS	18223742	18223796	.
	+	1	Parent=Smp_095150.1
SM_V9_ZSR	iris	gene	18293803	18324611	.
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ID=Smp_174320;geneID=Smp_174320;gene_name=Smp_174320;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR	iris	mRNA	18293803	18324611	.
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ID=Smp_174320.1;Parent=Smp_174320;geneID=Smp_174320;gene_name=Smp_17
4320;owner=irisadmin@local.host;orig_id=Smp_174320.1;date_last_modif
ied=2022-09-30;Name=Smp_174320.1;product=Protein
lozenge;date_creation=2022-09-30
SM_V9_ZSR	iris	exon	18293803	18294443	.
	+	.
Parent=Smp_174320.1;Name=931cdbf6-3249-4e2c-8ac7-2a55dec03cb9
SM_V9_ZSR	iris	exon	18307923	18308036	.
	+	.
Parent=Smp_174320.1;Name=ec10d8a1-4642-4ca2-81e1-f8d7a3cb63eb
SM_V9_ZSR	iris	exon	18320270	18320467	.
	+	.	Parent=Smp_174320.1;Name=5b618002-c668-41b8-
b48b-8cc68173d4ac
SM_V9_ZSR	iris	exon	18322815	18324611	.
	+	.	Parent=Smp_174320.1;Name=3feaa3a4-b79c-4c3d-
b971-58b9609145fe
SM_V9_ZSR	iris	CDS	18294137	18294443	.
	+	0	Parent=Smp_174320.1
SM_V9_ZSR	iris	CDS	18307923	18308036	.
	+	2	Parent=Smp_174320.1
SM_V9_ZSR	iris	CDS	18320270	18320467	.
	+	2	Parent=Smp_174320.1
SM_V9_ZSR	iris	CDS	18322815	18324304	.
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SM_V9_ZSR	iris	gene	18331908	18341190	.
	-	.
ID=Smp_095190;geneID=Smp_095190;gene_name=Smp_095190;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	18331908	18341190	.
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ID=Smp_095190.1;Parent=Smp_095190;geneID=Smp_095190;gene_name=Smp_09
5190;owner=irisadmin@local.host;orig_id=Smp_095190.1;date_last_modif
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SM_V9_ZSR       iris    exon    18336011        18336194        .
        -       .       Parent=Smp_095190.1;Name=d54eb961-
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SM_V9_ZSR       iris    exon    18339111        18339245        .
        -       .       Parent=Smp_095190.1;Name=b5cbeae0-87ba-48c3-
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SM_V9_ZSR       iris    exon    18339282        18339460        .
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Parent=Smp_095190.1;Name=c7f72606-6725-4b4e-933c-2587976b2f09
SM_V9_ZSR       iris    exon    18341044        18341190        .
        -       .       Parent=Smp_095190.1;Name=58f71e99-7f0f-4687-
bbdf-319c55bfa96c
SM_V9_ZSR       iris    CDS     18333027        18333131        .
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SM_V9_ZSR       iris    CDS     18336011        18336194        .
        -       1       Parent=Smp_095190.1
SM_V9_ZSR       iris    CDS     18339111        18339245        .
        -       1       Parent=Smp_095190.1
SM_V9_ZSR       iris    CDS     18339282        18339457        .
        -       0       Parent=Smp_095190.1
SM_V9_ZSR       Liftoff gene    18385920        18401934        .
        -       .
ID=Smp_174350;geneID=Smp_174350;previous_systematic_id=Smp_174340
SM_V9_ZSR       Liftoff mRNA    18385920        18401934        .
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ID=Smp_174350.1;Parent=Smp_174350;geneID=Smp_174350;product=frizzled
4;evidence=Traceable Author Statement;literature=PMID:22145649
PMID:24884876;polypeptide_domain=InterPro:IPR000539,IPR017981,IPR020
067
Pfam:PF01392,PF01534;Ontology_term=GO:0004888,GO:0005515,GO:0007166,
GO:0016020,GO:0016021
SM_V9_ZSR       Liftoff exon    18385920        18387121        .
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        -       .       Parent=Smp_174350.1
SM_V9_ZSR       Liftoff CDS     18386826        18387121        .
        -       2       Parent=Smp_174350.1
SM_V9_ZSR       Liftoff CDS     18399144        18401613        .
        -       0       Parent=Smp_174350.1
SM_V9_ZSR       iris    gene    18416174        18448464        .
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3;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	18416264	18416395	.
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SM_V9_ZSR	iris	exon	18416434	18416591	.
	+	.	Parent=Smp_330650.1;Name=f1083922-
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SM_V9_ZSR	iris	exon	18418177	18418377	.
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Parent=Smp_330650.1;Name=3e591a62-628a-4b62-88b2-0974ed410de8
SM_V9_ZSR	iris	exon	18419735	18419875	.
	+	.	Parent=Smp_330650.1;Name=b4d959ba-dcad-4107-
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SM_V9_ZSR	iris	exon	18422135	18422347	.
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SM_V9_ZSR	iris	exon	18424930	18425108	.
	+	.	Parent=Smp_330650.1;Name=96929552-
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	+	.	Parent=Smp_330650.1;Name=2272c194-
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SM_V9_ZSR	iris	exon	18432711	18432935	.
	+	.	Parent=Smp_330650.1;Name=76201def-c7e8-408b-
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	+	.	Parent=Smp_330650.1;Name=d3719e3f-70ac-40f7-
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SM_V9_ZSR	iris	exon	18437342	18437440	.
	+	.	Parent=Smp_330650.1;Name=629e6039-
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SM_V9_ZSR	iris	exon	18438949	18439034	.
	+	.	Parent=Smp_330650.1;Name=824c7b24-5123-4046-
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SM_V9_ZSR	iris	exon	18443360	18443765	.
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SM_V9_ZSR	iris	exon	18445894	18446005	.
	+	.	Parent=Smp_330650.1;Name=d6088737-5c19-4d44-
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SM_V9_ZSR	iris	exon	18448129	18448464	.
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Parent=Smp_330650.1;Name=694d1179-483e-412e-8fda-ec7fd5d3b221
SM_V9_ZSR	iris	CDS	18416364	18416395	.
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SM_V9_ZSR	iris	CDS	18416434	18416591	.
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SM_V9_ZSR	iris	CDS	18418177	18418377	.
	+	2	Parent=Smp_330650.1
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SM_V9_ZSR	iris	CDS	18419735	18419875	.
	+	2	Parent=Smp_330650.1
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SM_V9_ZSR	iris	CDS	18424930	18425108	.
	+	2	Parent=Smp_330650.1
SM_V9_ZSR	iris	CDS	18428276	18428438	.
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SM_V9_ZSR	iris	CDS	18430595	18430695	.
	+	2	Parent=Smp_330650.1
SM_V9_ZSR	iris	CDS	18432711	18432935	.
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SM_V9_ZSR	iris	CDS	18434111	18434756	.
	+	0	Parent=Smp_330650.1
SM_V9_ZSR	iris	CDS	18437342	18437440	.
	+	2	Parent=Smp_330650.1
SM_V9_ZSR	iris	CDS	18438949	18439034	.
	+	2	Parent=Smp_330650.1
SM_V9_ZSR	iris	CDS	18443360	18443765	.
	+	0	Parent=Smp_330650.1
SM_V9_ZSR	iris	CDS	18445894	18446005	.
	+	2	Parent=Smp_330650.1
SM_V9_ZSR	iris	CDS	18448129	18448231	.
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SM_V9_ZSR	iris	gene	18474799	18487784	.
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7270;owner=irisadmin@local.host;orig_id=Smp_127270.1;date_last_modif
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reductase 1;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	18474799	18474905	.
	+	.	Parent=Smp_127270.1;Name=0826ef0f-a346-43a5-
b593-c7531b37782b
SM_V9_ZSR	iris	exon	18474941	18475244	.
	+	.
Parent=Smp_127270.1;Name=55b56219-8ab6-4d17-98ec-849fd7799cdf
SM_V9_ZSR	iris	exon	18475277	18475535	.
	+	.	Parent=Smp_127270.1;Name=e79d79bb-dcd4-4fa2-
ad8a-ed838e1ffb8f
SM_V9_ZSR	iris	exon	18475582	18475646	.
	+	.
Parent=Smp_127270.1;Name=9c3f77a6-02e6-4506-9ce0-403b00e68324
SM_V9_ZSR	iris	exon	18480265	18480312	.
	+	.	Parent=Smp_127270.1;Name=952ebf04-
d9de-4b7c-9263-381e0c09fd37
SM_V9_ZSR	iris	exon	18484004	18484054	.
	+	.	Parent=Smp_127270.1;Name=1ba48811-8be9-4ed7-
b0c7-20ff999a654f
SM_V9_ZSR	iris	exon	18487563	18487784	.
	+	.
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Parent=Smp_127270.1;Name=27f80f49-6f42-4c5c-96d9-bd2c6b7e840f
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        +       0       Parent=Smp_127270.1
SM_V9_ZSR       iris    CDS     18474941        18475244        .
        +       1       Parent=Smp_127270.1
SM_V9_ZSR       iris    CDS     18475277        18475535        .
        +       0       Parent=Smp_127270.1
SM_V9_ZSR       iris    CDS     18475582        18475646        .
        +       2       Parent=Smp_127270.1
SM_V9_ZSR       iris    CDS     18480265        18480312        .
        +       0       Parent=Smp_127270.1
SM_V9_ZSR       iris    CDS     18484004        18484054        .
        +       0       Parent=Smp_127270.1
SM_V9_ZSR       iris    CDS     18487563        18487652        .
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SM_V9_ZSR       iris    gene    18497272        18498684        .
        -       .
ID=Smp_009690;geneID=Smp_009690;gene_name=Smp_009690;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    18497272        18498684        .
        -       .
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ied=2022-08-20;Name=Smp_009690.1;product=60S acidic ribosomal
protein P0;date_creation=2022-08-20
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a6e4-4477-8e60-bfb4c9a72fb4
SM_V9_ZSR       iris    exon    18497808        18498026        .
        -       .       Parent=Smp_009690.1;Name=92041861-
f9f4-4924-8b18-b1a1de6bf2bd
SM_V9_ZSR       iris    exon    18498058        18498684        .
        -       .       Parent=Smp_009690.1;Name=7ce9f12f-5f2a-4ded-
bdca-98a5ba25f344
SM_V9_ZSR       iris    CDS     18497298        18497462        .
        -       0       Parent=Smp_009690.1
SM_V9_ZSR       iris    CDS     18497808        18498026        .
        -       0       Parent=Smp_009690.1
SM_V9_ZSR       iris    CDS     18498058        18498630        .
        -       0       Parent=Smp_009690.1
SM_V9_ZSR       iris    gene    18512504        18556501        .
        -       .
ID=Smp_127280;geneID=Smp_127280;gene_name=Smp_127280;owner=irisadmin
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ID=Smp_127280.1;Parent=Smp_127280;geneID=Smp_127280;gene_name=Smp_12
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acyltransferase 1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    18512504        18513428        .
        -       .       Parent=Smp_127280.1;Name=cdbd58e2-07c1-4077-
a23c-7054b25f6232
SM_V9_ZSR       iris    exon    18515914        18515979        .
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        -       .       Parent=Smp_127280.1;Name=b6499886-4ac4-476d-
ba05-bec150798ed6
SM_V9_ZSR       iris    exon    18526169        18526407        .
        -       .       Parent=Smp_127280.1;Name=a7080de7-10d2-4f9b-
b3d9-d39e31ce1369
SM_V9_ZSR       iris    exon    18527878        18528140        .
        -       .
Parent=Smp_127280.1;Name=cd8682c7-0a5f-41e4-9a68-20d8987eb509
SM_V9_ZSR       iris    exon    18532688        18533254        .
        -       .
Parent=Smp_127280.1;Name=92fe7d00-7139-4831-8aca-d68dcb1a521c
SM_V9_ZSR       iris    exon    18534661        18534816        .
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bd15-9452a2073e1c
SM_V9_ZSR       iris    exon    18535809        18535894        .
        -       .
Parent=Smp_127280.1;Name=527acff1-17e1-4973-811e-42ba9e01eaf0
SM_V9_ZSR       iris    exon    18546392        18546520        .
        -       .       Parent=Smp_127280.1;Name=0a9a07d2-aa62-4393-
b64d-169ca7212507
SM_V9_ZSR       iris    exon    18556199        18556501        .
        -       .       Parent=Smp_127280.1;Name=d5e717c6-afbb-4984-
ae00-1b6010917037
SM_V9_ZSR       iris    CDS     18513122        18513428        .
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SM_V9_ZSR       iris    CDS     18515914        18515979        .
        -       1       Parent=Smp_127280.1
SM_V9_ZSR       iris    CDS     18526169        18526407        .
        -       0       Parent=Smp_127280.1
SM_V9_ZSR       iris    CDS     18527878        18528140        .
        -       2       Parent=Smp_127280.1
SM_V9_ZSR       iris    CDS     18532688        18533254        .
        -       2       Parent=Smp_127280.1
SM_V9_ZSR       iris    CDS     18534661        18534816        .
        -       2       Parent=Smp_127280.1
SM_V9_ZSR       iris    CDS     18535809        18535894        .
        -       1       Parent=Smp_127280.1
SM_V9_ZSR       iris    CDS     18546392        18546520        .
        -       1       Parent=Smp_127280.1
SM_V9_ZSR       iris    CDS     18556199        18556287        .
        -       0       Parent=Smp_127280.1
SM_V9_ZSR       iris    gene    18560219        18592418        .
        +       .
ID=Smp_304840;geneID=Smp_304840;gene_name=Smp_304840;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    18560219        18592418        .
        +       .
ID=Smp_304840.1;Parent=Smp_304840;geneID=Smp_304840;gene_name=Smp_30
4840;owner=irisadmin@local.host;orig_id=Smp_304840.3;date_last_modif
ied=2022-08-14;Name=Smp_304840.1;product=General transcription
factor 3C polypeptide 3;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    18560219        18560321        .
        +       .       Parent=Smp_304840.1;Name=4ce1f8eb-
c47d-44e1-9468-5c8df4710427
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SM_V9_ZSR       iris    exon    18561783        18561884        .
        +       .       Parent=Smp_304840.1;Name=bbdc8c97-9832-4b60-
b902-a5bc03819a84
SM_V9_ZSR       iris    exon    18561926        18562160        .
        +       .       Parent=Smp_304840.1;Name=a3062059-9cfd-4aa6-
a58e-c5202b70baf8
SM_V9_ZSR       iris    exon    18566960        18567036        .
        +       .
Parent=Smp_304840.1;Name=e0a41a34-9ce8-4a8e-8dd3-bd760f5413a9
SM_V9_ZSR       iris    exon    18567085        18567202        .
        +       .
Parent=Smp_304840.1;Name=457f9202-660c-4209-99a3-cbf597f472df
SM_V9_ZSR       iris    exon    18569386        18569462        .
        +       .       Parent=Smp_304840.1;Name=ec5dce71-6c7f-4f2b-
ac3e-8e62b0b85a87
SM_V9_ZSR       iris    exon    18569733        18569847        .
        +       .       Parent=Smp_304840.1;Name=d817ddd2-ba22-42b2-
ab08-4ada6b7e10f8
SM_V9_ZSR       iris    exon    18569973        18570139        .
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SM_V9_ZSR       iris    exon    18570679        18570766        .
        +       .       Parent=Smp_304840.1;Name=833c58d0-b0d7-4ceb-
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SM_V9_ZSR       iris    exon    18572122        18572180        .
        +       .       Parent=Smp_304840.1;Name=c2a8a934-
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SM_V9_ZSR       iris    exon    18574750        18574853        .
        +       .       Parent=Smp_304840.1;Name=2077b924-445c-4ecb-
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SM_V9_ZSR       iris    exon    18574919        18575006        .
        +       .
Parent=Smp_304840.1;Name=2143afab-1a78-4b49-85b3-c2a9d857bedc
SM_V9_ZSR       iris    exon    18575633        18575782        .
        +       .       Parent=Smp_304840.1;Name=58ccbdaf-b20e-4c0b-
b6eb-ae1b8d64832e
SM_V9_ZSR       iris    exon    18577325        18577498        .
        +       .       Parent=Smp_304840.1;Name=11cac7d9-
bb8e-4931-9de1-ca6d7c5574a9
SM_V9_ZSR       iris    exon    18581398        18581791        .
        +       .       Parent=Smp_304840.1;Name=e148f0e8-7802-41f9-
bb58-f1c4b79e2095
SM_V9_ZSR       iris    exon    18583366        18583730        .
        +       .
Parent=Smp_304840.1;Name=6540345a-73b8-44e3-8264-84eee9a7e0ae
SM_V9_ZSR       iris    exon    18585982        18586080        .
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Parent=Smp_304840.1;Name=8eb5748a-7640-428e-90eb-590b9517693e
SM_V9_ZSR       iris    exon    18586714        18586789        .
        +       .       Parent=Smp_304840.1;Name=5c9f2035-4b56-4b63-
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SM_V9_ZSR       iris    exon    18588751        18588875        .
        +       .
Parent=Smp_304840.1;Name=1f14fb77-858c-40e2-9b65-4a621d4744c1
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SM_V9_ZSR	iris	exon	18589383	18589470	.
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SM_V9_ZSR	iris	exon	18591232	18591311	.
	+	.	Parent=Smp_304840.1;Name=e7f0b7f3-98a7-4bd4-
bd30-ed873d32a05c
SM_V9_ZSR	iris	exon	18592157	18592418	.
	+	.
Parent=Smp_304840.1;Name=ccdc1df4-5397-4553-9880-d5ec2598288b
SM_V9_ZSR	iris	CDS	18561801	18561884	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18561926	18562160	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18566960	18567036	.
	+	2	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18567085	18567202	.
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SM_V9_ZSR	iris	CDS	18569386	18569462	.
	+	2	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18569733	18569847	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18569973	18570139	.
	+	2	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18570679	18570766	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18572122	18572180	.
	+	2	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18574750	18574853	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18574919	18575006	.
	+	1	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18575633	18575782	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18577325	18577498	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18581398	18581791	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18583366	18583730	.
	+	2	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18585982	18586080	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18586714	18586789	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18588751	18588875	.
	+	2	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18589383	18589470	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18591232	18591311	.
	+	2	Parent=Smp_304840.1
SM_V9_ZSR	iris	CDS	18592157	18592264	.
	+	0	Parent=Smp_304840.1
SM_V9_ZSR	iris	gene	18613711	18647221	.
	+	.
ID=Smp_346520;geneID=Smp_346520;gene_name=Smp_346520;owner=irisadmin
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ID=Smp_346520.1;Parent=Smp_346520;geneID=Smp_346520;gene_name=Smp_34
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22-07-20
SM_V9_ZSR       iris    exon    18613711        18613862        .
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Parent=Smp_346520.1;Name=30615d0c-0079-4ddb-941b-077d04e6d064
SM_V9_ZSR       iris    exon    18615552        18615765        .
        +       .       Parent=Smp_346520.1;Name=df2c90da-d2b1-42e3-
a008-5b931d056e41
SM_V9_ZSR       iris    exon    18618096        18618222        .
        +       .
Parent=Smp_346520.1;Name=af6af5ef-76ac-4a6b-8115-06576aabcbad
SM_V9_ZSR       iris    exon    18622584        18622713        .
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SM_V9_ZSR       iris    exon    18625120        18625186        .
        +       .       Parent=Smp_346520.1;Name=0f738a4d-0664-40a4-
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SM_V9_ZSR       iris    exon    18632814        18632907        .
        +       .       Parent=Smp_346520.1;Name=dc4e5527-
c0b8-458f-9aeb-f1b169498de4
SM_V9_ZSR       iris    exon    18634432        18634802        .
        +       .       Parent=Smp_346520.1;Name=57cb7a9c-d0d0-47e1-
a0f3-1a6a356c479f
SM_V9_ZSR       iris    exon    18635647        18636066        .
        +       .       Parent=Smp_346520.1;Name=745e7bfb-
cd44-47e0-9c2a-d6ae8150ca3c
SM_V9_ZSR       iris    exon    18636068        18636099        .
        +       .
Parent=Smp_346520.1;Name=68fa4518-81df-4a8d-9480-a1eee8e245ec
SM_V9_ZSR       iris    exon    18644161        18644347        .
        +       .       Parent=Smp_346520.1;Name=c059d57c-
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SM_V9_ZSR       iris    exon    18647031        18647221        .
        +       .
Parent=Smp_346520.1;Name=150579d2-8990-459a-9c60-b08feec26bc9
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        +       0       Parent=Smp_346520.1
SM_V9_ZSR       iris    CDS     18618096        18618222        .
        +       0       Parent=Smp_346520.1
SM_V9_ZSR       iris    CDS     18622584        18622713        .
        +       2       Parent=Smp_346520.1
SM_V9_ZSR       iris    CDS     18625120        18625186        .
        +       1       Parent=Smp_346520.1
SM_V9_ZSR       iris    CDS     18632814        18632907        .
        +       0       Parent=Smp_346520.1
SM_V9_ZSR       iris    CDS     18634432        18634802        .
        +       2       Parent=Smp_346520.1
SM_V9_ZSR       iris    CDS     18635647        18636066        .
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SM_V9_ZSR	iris	CDS	18636068	18636099	.
	+	0	Parent=Smp_346520.1
SM_V9_ZSR	iris	CDS	18644161	18644347	.
	+	1	Parent=Smp_346520.1
SM_V9_ZSR	iris	CDS	18647031	18647201	.
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SM_V9_ZSR	iris	gene	18666713	18678338	.
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ID=Smp_019620;geneID=Smp_019620;gene_name=Smp_019620;owner=irisadmin
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ID=Smp_019620.1;Parent=Smp_019620;geneID=Smp_019620;gene_name=Smp_01
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	+	.
Parent=Smp_019620.1;Name=a13fba52-49d4-414f-8d95-b24d9283deaf
SM_V9_ZSR	iris	exon	18667751	18667897	.
	+	.	Parent=Smp_019620.1;Name=d97436bc-9ca2-4788-
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SM_V9_ZSR	iris	exon	18667940	18667987	.
	+	.
Parent=Smp_019620.1;Name=e439c38d-49de-4812-94aa-a580847808ba
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	+	.	Parent=Smp_019620.1;Name=4016d3b3-41ee-4b22-
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SM_V9_ZSR	iris	exon	18673665	18673917	.
	+	.	Parent=Smp_019620.1;Name=b034d26e-d6f2-4042-
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SM_V9_ZSR	iris	exon	18675794	18675970	.
	+	.	Parent=Smp_019620.1;Name=517bf718-5ea2-408a-
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SM_V9_ZSR	iris	exon	18677852	18678338	.
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Parent=Smp_019620.1;Name=ef610f53-8fe1-47d2-88cf-724c870c6764
SM_V9_ZSR	iris	CDS	18666952	18666962	.
	+	0	Parent=Smp_019620.1
SM_V9_ZSR	iris	CDS	18667751	18667897	.
	+	1	Parent=Smp_019620.1
SM_V9_ZSR	iris	CDS	18667940	18667987	.
	+	1	Parent=Smp_019620.1
SM_V9_ZSR	iris	CDS	18668035	18668226	.
	+	1	Parent=Smp_019620.1
SM_V9_ZSR	iris	CDS	18673665	18673917	.
	+	1	Parent=Smp_019620.1
SM_V9_ZSR	iris	CDS	18675794	18675970	.
	+	0	Parent=Smp_019620.1
SM_V9_ZSR	iris	CDS	18677852	18678265	.
	+	0	Parent=Smp_019620.1
SM_V9_ZSR	iris	gene	18681271	18692108	.
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ID=Smp_019630;geneID=Smp_019630;gene_name=Smp_019630;owner=irisadmin
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ID=Smp_019630.1;Parent=Smp_019630;geneID=Smp_019630;gene_name=Smp_01
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n=2022-07-20
SM_V9_ZSR       iris    exon    18681271        18681688        .
        +       .       Parent=Smp_019630.1;Name=73c7b427-3aa4-4212-
a40e-8f90b765a868
SM_V9_ZSR       iris    exon    18688254        18688627        .
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Parent=Smp_019630.1;Name=02b81766-183d-42ef-8458-b6b4222bffad
SM_V9_ZSR       iris    exon    18689513        18689747        .
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SM_V9_ZSR       iris    CDS     18681350        18681688        .
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SM_V9_ZSR       iris    CDS     18688254        18688627        .
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SM_V9_ZSR       iris    CDS     18689513        18689747        .
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SM_V9_ZSR       iris    CDS     18691612        18691953        .
        +       0       Parent=Smp_019630.1
SM_V9_ZSR       Liftoff gene    18717511        18721824        .
        +       .
ID=Smp_019640;geneID=Smp_019640;previous_systematic_id=Smp_132910
SM_V9_ZSR       Liftoff mRNA    18717511        18721824        .
        +       .
ID=Smp_019640.1;Parent=Smp_019640;geneID=Smp_019640;product=Calcypho
sin-like
protein;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_ZSR       Liftoff exon    18717511        18717879        .
        +       .       Parent=Smp_019640.1
SM_V9_ZSR       Liftoff exon    18717917        18717997        .
        +       .       Parent=Smp_019640.1
SM_V9_ZSR       Liftoff exon    18718592        18718720        .
        +       .       Parent=Smp_019640.1
SM_V9_ZSR       Liftoff exon    18721162        18721824        .
        +       .       Parent=Smp_019640.1
SM_V9_ZSR       Liftoff CDS     18717565        18717879        .
        +       0       Parent=Smp_019640.1
SM_V9_ZSR       Liftoff CDS     18717917        18717997        .
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        +       0       Parent=Smp_019640.1
SM_V9_ZSR       Liftoff CDS     18721162        18721263        .
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SM_V9_ZSR       Liftoff gene    18724022        18766781        .
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ic locus notch homolog protein 1
SM_V9_ZSR       Liftoff exon    18724022        18724755        .
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SM_V9_ZSR       Liftoff exon    18734423        18734522        .
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SM_V9_ZSR       Liftoff exon    18738085        18738310        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18741610        18741718        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18743117        18743259        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18745073        18745203        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18748986        18749302        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18751305        18751562        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18758068        18758220        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18759346        18759464        .
        -       .       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff exon    18759920        18760061        .
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SM_V9_ZSR       Liftoff exon    18763437        18763565        .
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SM_V9_ZSR       Liftoff exon    18766416        18766781        .
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SM_V9_ZSR       Liftoff CDS     18724190        18724755        .
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SM_V9_ZSR       Liftoff CDS     18734423        18734522        .
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SM_V9_ZSR       Liftoff CDS     18738085        18738310        .
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SM_V9_ZSR       Liftoff CDS     18741610        18741718        .
        -       2       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff CDS     18743117        18743259        .
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SM_V9_ZSR       Liftoff CDS     18745073        18745203        .
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SM_V9_ZSR       Liftoff CDS     18748986        18749302        .
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SM_V9_ZSR       Liftoff CDS     18751305        18751562        .
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SM_V9_ZSR       Liftoff CDS     18758068        18758220        .
        -       2       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff CDS     18759346        18759464        .
        -       1       Parent=Smp_304860.1
SM_V9_ZSR       Liftoff CDS     18759920        18760061        .
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SM_V9_ZSR       Liftoff CDS     18763437        18763565        .
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SM_V9_ZSR       Liftoff CDS     18766416        18766641        .
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SM_V9_ZSR       iris    gene    18774078        18794692        .
        -       .
ID=Smp_304870;geneID=Smp_304870;gene_name=Smp_304870;owner=irisadmin
@local.host;date_last_modified=2022-08-15;date_creation=2022-08-15
SM_V9_ZSR       iris    mRNA    18774078        18794692        .
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ID=Smp_304870.1;Parent=Smp_304870;geneID=Smp_304870;gene_name=Smp_30
4870;owner=irisadmin@local.host;orig_id=Smp_304870.1;date_last_modif
ied=2022-08-15;Name=Smp_304870.1;product=50S ribosomal protein
L22;date_creation=2022-08-15
SM_V9_ZSR       iris    exon    18774078        18774328        .
        -       .       Parent=Smp_304870.1;Name=b92cb156-2190-4122-
bd7f-ed4176ff428a
SM_V9_ZSR       iris    exon    18775548        18775641        .
        -       .       Parent=Smp_304870.1;Name=150059a7-16b4-45c3-
bd04-37059a552e44
SM_V9_ZSR       iris    exon    18779493        18779605        .
        -       .       Parent=Smp_304870.1;Name=bf474aca-61e3-4497-
abcb-4e964eb17999
SM_V9_ZSR       iris    exon    18780676        18780811        .
        -       .
Parent=Smp_304870.1;Name=8d286b53-8c00-46ea-993c-1a8a04b09168
SM_V9_ZSR       iris    exon    18782475        18782609        .
        -       .       Parent=Smp_304870.1;Name=17d679bb-
cecd-4377-9c40-0417c88b24b9
SM_V9_ZSR       iris    exon    18787264        18787521        .
        -       .
Parent=Smp_304870.1;Name=e3562a6f-0e6d-494e-9150-74c10810ce63
SM_V9_ZSR       iris    exon    18789026        18789222        .
        -       .       Parent=Smp_304870.1;Name=3d85e4f4-8696-47c4-
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SM_V9_ZSR       iris    exon    18789271        18789399        .
        -       .       Parent=Smp_304870.1;Name=53c5446a-1c52-45a3-
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SM_V9_ZSR       iris    exon    18792951        18793189        .
        -       .
Parent=Smp_304870.1;Name=a6491684-5fe9-4939-8d03-d0d7be66efd9
SM_V9_ZSR       iris    exon    18793233        18794692        .
        -       .       Parent=Smp_304870.1;Name=7b60db41-e0b0-45f0-
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SM_V9_ZSR       iris    CDS     18774309        18774328        .
        -       2       Parent=Smp_304870.1
SM_V9_ZSR       iris    CDS     18775548        18775641        .
        -       0       Parent=Smp_304870.1
SM_V9_ZSR       iris    CDS     18779493        18779605        .
        -       2       Parent=Smp_304870.1
SM_V9_ZSR       iris    CDS     18780676        18780811        .
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SM_V9_ZSR       iris    CDS     18782475        18782609        .
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ID=Smp_019680;geneID=Smp_019680;gene_name=Smp_019680;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    18818981        18831614        .
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ID=Smp_019680.1;Parent=Smp_019680;geneID=Smp_019680;gene_name=Smp_01
9680;owner=irisadmin@local.host;orig_id=Smp_019680.2;date_last_modif
ied=2022-07-20;Name=Smp_019680.1;product=WD repeat-containing
protein 13;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    18818981        18819089        .
        +       .
Parent=Smp_019680.1;Name=40b3d398-983e-41e2-8832-ca2907b8bd2f
SM_V9_ZSR       iris    exon    18822029        18822653        .
        +       .       Parent=Smp_019680.1;Name=de12a61a-fa28-4ea8-
aa6b-e012082a6bbe
SM_V9_ZSR       iris    exon    18823188        18823284        .
        +       .       Parent=Smp_019680.1;Name=552cd849-1ab8-4ded-
b753-81bde7eb4226
SM_V9_ZSR       iris    exon    18824591        18824952        .
        +       .
Parent=Smp_019680.1;Name=ae08f6f0-5cdd-437c-9f9d-2dbc877a05ed
SM_V9_ZSR       iris    exon    18830506        18831614        .
        +       .       Parent=Smp_019680.1;Name=829b96dc-773d-41b7-
a79c-a7d4ab241046
SM_V9_ZSR       iris    CDS     18822270        18822653        .
        +       0       Parent=Smp_019680.1
SM_V9_ZSR       iris    CDS     18823188        18823284        .
        +       0       Parent=Smp_019680.1
SM_V9_ZSR       iris    CDS     18824591        18824952        .
        +       2       Parent=Smp_019680.1
SM_V9_ZSR       iris    CDS     18830506        18831465        .
        +       0       Parent=Smp_019680.1
SM_V9_ZSR       iris    gene    18834472        18836330        .
        -       .
ID=Smp_019690;geneID=Smp_019690;gene_name=Smp_019690;owner=irisadmin
@local.host;date_last_modified=2022-06-30;date_creation=2022-06-30
SM_V9_ZSR       iris    mRNA    18834472        18836330        .
        -       .
ID=Smp_019690.1;Parent=Smp_019690;geneID=Smp_019690;gene_name=Smp_01
9690;owner=irisadmin@local.host;orig_id=Smp_019690.1;date_last_modif
ied=2022-06-30;Name=Smp_019690.1;product=Splicing factor U2AF 65 kDa
subunit;date_creation=2022-06-30
SM_V9_ZSR       iris    exon    18834472        18836170        .
        -       .       Parent=Smp_019690.1;Name=7416f724-5b17-42c1-
a12d-f0df93602338
SM_V9_ZSR       iris    exon    18836286        18836330        .
        -       .       Parent=Smp_019690.1;Name=b32f0b11-
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SM_V9_ZSR	iris	CDS	18834563	18836128	.	-	0	Parent=Smp_019690.1
SM_V9_ZSR	iris	mRNA	18834472	18836330	.	-	.	ID=Smp_019690.2;Parent=Smp_019690;geneID=Smp_019690;gene_name=Smp_019690;owner=irisadmin@local.host;orig_id=Smp_019690.2;date_last_modified=2022-06-30;Name=Smp_019690.2;product=Splicing factor U2AF 65 kDa subunit;date_creation=2022-06-30
SM_V9_ZSR	iris	exon	18834472	18836149	.	-	.	Parent=Smp_019690.2;Name=3383b62c-3a05-482e-bf81-ab4f08aa8426
SM_V9_ZSR	iris	exon	18836286	18836330	.	-	.	Parent=Smp_019690.2;Name=7a890aff-ad56-42ae-a3cc-f77db3c8cc3a
SM_V9_ZSR	iris	CDS	18834563	18836128	.	-	0	Parent=Smp_019690.2
SM_V9_ZSR	iris	gene	18846629	18908252	.	-	.	ID=Smp_132930;geneID=Smp_132930;gene_name=Smp_132930;owner=irisadmin@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	18846629	18908252	.	-	.	ID=Smp_132930.1;Parent=Smp_132930;geneID=Smp_132930;gene_name=Smp_132930;owner=irisadmin@local.host;orig_id=Smp_132930.1;date_last_modified=2022-07-20;Name=Smp_132930.1;product=Cubilin;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	18846629	18848346	.	-	.	Parent=Smp_132930.1;Name=66176b7f-e99f-48b4-86d8-8dc31c492d0a
SM_V9_ZSR	iris	exon	18849658	18849792	.	-	.	Parent=Smp_132930.1;Name=49050132-35b4-4d6f-9dbd-b439304a1fc2
SM_V9_ZSR	iris	exon	18852595	18852674	.	-	.	Parent=Smp_132930.1;Name=c64548c6-2fe2-4882-a4ec-f37c237a4ba9
SM_V9_ZSR	iris	exon	18855496	18855616	.	-	.	Parent=Smp_132930.1;Name=a5e9c677-278c-41b2-8eb3-9c9b6592a71b
SM_V9_ZSR	iris	exon	18856534	18856725	.	-	.	Parent=Smp_132930.1;Name=761ecd58-6af7-44a6-bb3e-93ec43e451e5
SM_V9_ZSR	iris	exon	18857683	18858046	.	-	.	Parent=Smp_132930.1;Name=8b782687-f109-4453-8f88-5ac432ef7953
SM_V9_ZSR	iris	exon	18862717	18863072	.	-	.	Parent=Smp_132930.1;Name=bf4d89fa-af53-467f-93e0-b359b4a01c78
SM_V9_ZSR	iris	exon	18868838	18869130	.	-	.	Parent=Smp_132930.1;Name=c49551f1-1210-4d5c-aa03-7d197f557291
SM_V9_ZSR	iris	exon	18874553	18874751	.	-	.	Parent=Smp_132930.1;Name=c7f816a2-d2aa-4cf3-a389-833b9531c801
SM_V9_ZSR	iris	exon	18875331	18875641	.
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Parent=Smp_132930.1;Name=30d6daf4-1bba-4af1-907d-0d433a26312b
SM_V9_ZSR       iris    exon    18881366        18881693        .
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Parent=Smp_132930.1;Name=725f2e08-4afd-4090-88d4-57c32040edf0
SM_V9_ZSR       iris    exon    18887728        18888086        .
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SM_V9_ZSR       iris    exon    18891270        18891573        .
        -       .
Parent=Smp_132930.1;Name=0e162693-5bba-40bf-8212-b04718441e57
SM_V9_ZSR       iris    exon    18907855        18908252        .
        -       .
Parent=Smp_132930.1;Name=1712af97-4f0a-4525-8c69-c138a95c603f
SM_V9_ZSR       iris    CDS     18847598        18848346        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18849658        18849792        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18852595        18852674        .
        -       1       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18855496        18855616        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18856534        18856725        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18857683        18858046        .
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SM_V9_ZSR       iris    CDS     18862717        18863072        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18868838        18869130        .
        -       1       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18874553        18874751        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18875331        18875641        .
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SM_V9_ZSR       iris    CDS     18881366        18881693        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18887728        18888086        .
        -       1       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18891270        18891573        .
        -       2       Parent=Smp_132930.1
SM_V9_ZSR       iris    CDS     18907855        18907906        .
        -       0       Parent=Smp_132930.1
SM_V9_ZSR       Liftoff gene    18957574        18961497        .
        -       .       ID=Smp_019730;geneID=Smp_019730
SM_V9_ZSR       Liftoff mRNA    18957574        18961497        .
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dehydrogenase [ubiquinone] 1 alpha subcomplex subunit
7;polypeptide_domain=InterPro:IPR009947
Pfam:PF07347;Ontology_term=GO:0005743,GO:0008137,GO:0042773
SM_V9_ZSR       Liftoff exon    18957574        18958438        .
        -       .       Parent=Smp_019730.1
SM_V9_ZSR       Liftoff exon    18961143        18961497        .
        -       .       Parent=Smp_019730.1
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SM_V9_ZSR       Liftoff CDS     18958351        18958438        .
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        -       0       Parent=Smp_019730.1
SM_V9_ZSR       Liftoff gene    18968448        18991123        .
        +       .       ID=Smp_132940;geneID=Smp_132940
SM_V9_ZSR       Liftoff mRNA    18968448        18991123        .
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ID=Smp_132940.1;Parent=Smp_132940;geneID=Smp_132940;product=PRKCA-
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protein;polypeptide_domain=InterPro:IPR001478,IPR010504,IPR027267
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SM_V9_ZSR       Liftoff exon    18968448        18973333        .
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SM_V9_ZSR       Liftoff exon    18975233        18975299        .
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SM_V9_ZSR       Liftoff exon    18975348        18975437        .
        +       .       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff exon    18975483        18975599        .
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SM_V9_ZSR       Liftoff exon    18980563        18980696        .
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SM_V9_ZSR       Liftoff exon    18985781        18985873        .
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SM_V9_ZSR       Liftoff exon    18987538        18987733        .
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SM_V9_ZSR       Liftoff exon    18990373        18991123        .
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SM_V9_ZSR       Liftoff CDS     18973097        18973333        .
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SM_V9_ZSR       Liftoff CDS     18975233        18975299        .
        +       0       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff CDS     18975348        18975437        .
        +       2       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff CDS     18975483        18975599        .
        +       2       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff CDS     18980563        18980696        .
        +       2       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff CDS     18985781        18985873        .
        +       0       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff CDS     18987538        18987733        .
        +       0       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff CDS     18990373        18990806        .
        +       2       Parent=Smp_132940.1
SM_V9_ZSR       Liftoff gene    18994619        18995454        .
        -       .       ID=Smp_019750;geneID=Smp_019750
SM_V9_ZSR       Liftoff mRNA    18994619        18995454        .
        -       .
ID=Smp_019750.1;Parent=Smp_019750;geneID=Smp_019750;product=ATP
synthase subunit d,
mitochondrial;polypeptide_domain=InterPro:IPR008689
Pfam:PF05873;Ontology_term=GO:0000276,GO:0015078,GO:0015986
SM_V9_ZSR       Liftoff exon    18994619        18994935        .
        -       .       Parent=Smp_019750.1
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SM_V9_ZSR       Liftoff exon    18994970        18995032        .
        -       .       Parent=Smp_019750.1
SM_V9_ZSR       Liftoff exon    18995066        18995240        .
        -       .       Parent=Smp_019750.1
SM_V9_ZSR       Liftoff exon    18995279        18995454        .
        -       .       Parent=Smp_019750.1
SM_V9_ZSR       Liftoff CDS     18994765        18994935        .
        -       0       Parent=Smp_019750.1
SM_V9_ZSR       Liftoff CDS     18994970        18995032        .
        -       0       Parent=Smp_019750.1
SM_V9_ZSR       Liftoff CDS     18995066        18995240        .
        -       1       Parent=Smp_019750.1
SM_V9_ZSR       Liftoff CDS     18995279        18995400        .
        -       0       Parent=Smp_019750.1
SM_V9_ZSR       Liftoff gene    19001628        19027670        .
        +       .       ID=Smp_019760;geneID=Smp_019760
SM_V9_ZSR       Liftoff mRNA    19001628        19027670        .
        +       .
ID=Smp_019760.1;Parent=Smp_019760;geneID=Smp_019760;product=Helicase
POLQ-like;polypeptide_domain=InterPro:IPR001650,IPR014001,IPR027417
Pfam:PF00271
SM_V9_ZSR       Liftoff exon    19001628        19010231        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19011272        19011472        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19013146        19013221        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19013911        19014140        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19018471        19018991        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19019351        19019633        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19021706        19021924        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19022521        19022808        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19023981        19024289        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff exon    19027133        19027670        .
        +       .       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19010157        19010231        .
        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19011272        19011472        .
        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19013146        19013221        .
        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19013911        19014140        .
        +       2       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19018471        19018991        .
        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19019351        19019633        .
        +       1       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19021706        19021924        .
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        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19022521        19022808        .
        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19023981        19024289        .
        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff CDS     19027133        19027480        .
        +       0       Parent=Smp_019760.1
SM_V9_ZSR       Liftoff gene    19056998        19058846        .
        +       .       ID=Smp_322640;geneID=Smp_322640
SM_V9_ZSR       Liftoff mRNA    19056998        19058846        .
        +       .
ID=Smp_322640.1;Parent=Smp_322640;geneID=Smp_322640;product=Fork
head domain-containing protein
FD3;polypeptide_domain=InterPro:IPR001766,IPR011991,IPR018122,IPR030
456 Pfam:PF00250;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_ZSR       Liftoff exon    19056998        19058846        .
        +       .       Parent=Smp_322640.1
SM_V9_ZSR       Liftoff CDS     19057095        19058663        .
        +       0       Parent=Smp_322640.1
SM_V9_ZSR       iris    gene    19071560        19079191        .
        -       .
ID=Smp_342720;geneID=Smp_342720;gene_name=Smp_342720;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    19071560        19079191        .
        -       .
ID=Smp_342720.1;Parent=Smp_342720;geneID=Smp_342720;gene_name=Smp_34
2720;owner=irisadmin@local.host;orig_id=Smp_342720.1;date_last_modif
ied=2022-08-20;Name=Smp_342720.1;product=Protein
rIIB;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    19071560        19071857        .
        -       .
Parent=Smp_342720.1;Name=09bfb361-79f8-4f86-85fd-a66c2f14548f
SM_V9_ZSR       iris    exon    19071990        19072151        .
        -       .       Parent=Smp_342720.1;Name=32a37030-e1af-41b9-
b755-50394e5f2aaf
SM_V9_ZSR       iris    exon    19076289        19076590        .
        -       .
Parent=Smp_342720.1;Name=00e32f03-4dbe-4cdd-8739-ba81152d7218
SM_V9_ZSR       iris    exon    19078922        19078996        .
        -       .       Parent=Smp_342720.1;Name=241735db-f866-49c5-
abcb-d6f3c4be26ea
SM_V9_ZSR       iris    exon    19079038        19079191        .
        -       .
Parent=Smp_342720.1;Name=ee995198-16c9-4dac-8fc4-d736ccee8e3e
SM_V9_ZSR       iris    CDS     19071829        19071857        .
        -       2       Parent=Smp_342720.1
SM_V9_ZSR       iris    CDS     19071990        19072151        .
        -       2       Parent=Smp_342720.1
SM_V9_ZSR       iris    CDS     19076289        19076590        .
        -       1       Parent=Smp_342720.1
SM_V9_ZSR       iris    CDS     19078922        19078926        .
        -       0       Parent=Smp_342720.1
SM_V9_ZSR       iris    gene    19092236        19097038        .
        +       .
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ID=Smp_342730;geneID=Smp_342730;gene_name=Smp_342730;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    19092236        19097038        .
        +       .
ID=Smp_342730.1;Parent=Smp_342730;geneID=Smp_342730;gene_name=Smp_34
2730;owner=irisadmin@local.host;orig_id=Smp_342730.2;date_last_modif
ied=2022-08-20;Name=Smp_342730.1;product=Coiled-coil domain-
containing protein 113;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    19092236        19092346        .
        +       .       Parent=Smp_342730.1;Name=2ecc73ff-a58d-4c1b-
a25d-0e8af8fcc8d7
SM_V9_ZSR       iris    exon    19092383        19092457        .
        +       .       Parent=Smp_342730.1;Name=60bc08ad-9189-4d27-
a11c-67db5644b564
SM_V9_ZSR       iris    exon    19092504        19092699        .
        +       .       Parent=Smp_342730.1;Name=c75f9169-02fa-4240-
ac7b-8b0b0ac8387c
SM_V9_ZSR       iris    exon    19092748        19092903        .
        +       .       Parent=Smp_342730.1;Name=22138d7a-62a8-4d8c-
a8af-06cbc252c965
SM_V9_ZSR       iris    exon    19095096        19095329        .
        +       .
Parent=Smp_342730.1;Name=5d4b582e-14b6-4a44-85d6-ba01523e9ca2
SM_V9_ZSR       iris    exon    19095369        19095476        .
        +       .
Parent=Smp_342730.1;Name=4419ed30-1f04-424b-8380-4b379cead429
SM_V9_ZSR       iris    exon    19096855        19097038        .
        +       .       Parent=Smp_342730.1;Name=93b58745-82a9-44c0-
b919-94842fee21fe
SM_V9_ZSR       iris    CDS     19092267        19092346        .
        +       0       Parent=Smp_342730.1
SM_V9_ZSR       iris    CDS     19092383        19092457        .
        +       1       Parent=Smp_342730.1
SM_V9_ZSR       iris    CDS     19092504        19092699        .
        +       1       Parent=Smp_342730.1
SM_V9_ZSR       iris    CDS     19092748        19092903        .
        +       0       Parent=Smp_342730.1
SM_V9_ZSR       iris    CDS     19095096        19095329        .
        +       0       Parent=Smp_342730.1
SM_V9_ZSR       iris    CDS     19095369        19095476        .
        +       0       Parent=Smp_342730.1
SM_V9_ZSR       iris    CDS     19096855        19096923        .
        +       0       Parent=Smp_342730.1
SM_V9_ZSR       iris    gene    19097420        19126216        .
        -       .
ID=Smp_342740;geneID=Smp_342740;gene_name=Smp_342740;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    19097420        19126216        .
        -       .
ID=Smp_342740.1;Parent=Smp_342740;geneID=Smp_342740;gene_name=Smp_34
2740;owner=irisadmin@local.host;orig_id=Smp_342740.1;date_last_modif
ied=2022-08-02;Name=Smp_342740.1;product=Conserved oligomeric Golgi
complex subunit 1;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    19097420        19097573        .
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SM_V9_ZSR	iris	exon	19098547	19098941	.	-	.	Parent=Smp_342740.1;Name=b6c752dc-cf20-4f0b-8f92-30321f3555b9
SM_V9_ZSR	iris	exon	19100573	19100822	.	-	.	Parent=Smp_342740.1;Name=1707e394-0c99-4552-9116-be3af64a8959
SM_V9_ZSR	iris	exon	19102200	19102366	.	-	.	Parent=Smp_342740.1;Name=79fa19b9-ba59-4898-b9d2-c517df5847e1
SM_V9_ZSR	iris	exon	19103673	19103970	.	-	.	Parent=Smp_342740.1;Name=2b23315f-8d58-44df-bb17-3ab5bf228865
SM_V9_ZSR	iris	exon	19105078	19105338	.	-	.	Parent=Smp_342740.1;Name=1fda24e6-c1d4-4f8c-9697-b10a9fb9443c
SM_V9_ZSR	iris	exon	19106130	19106252	.	-	.	Parent=Smp_342740.1;Name=e01be43c-c7cf-47b5-8943-d82b6614a63c
SM_V9_ZSR	iris	exon	19108177	19108604	.	-	.	Parent=Smp_342740.1;Name=ef83c833-e50e-4b1c-b0e0-73ba3c6f0794
SM_V9_ZSR	iris	exon	19116003	19116128	.	-	.	Parent=Smp_342740.1;Name=6af5980f-523c-4726-a690-2473928bfff1
SM_V9_ZSR	iris	exon	19117083	19117296	.	-	.	Parent=Smp_342740.1;Name=3f22f398-ecca-4575-b3b6-b63fb8160ee2
SM_V9_ZSR	iris	exon	19118509	19118680	.	-	.	Parent=Smp_342740.1;Name=b202cb2c-a88a-4640-8f54-380a481f33d2
SM_V9_ZSR	iris	exon	19123353	19123587	.	-	.	Parent=Smp_342740.1;Name=f5aff5f4-7131-4d1f-8010-fc9677245924
SM_V9_ZSR	iris	exon	19125384	19125470	.	-	.	Parent=Smp_342740.1;Name=fab50555-9b76-474f-ac52-47c04e837786
SM_V9_ZSR	iris	exon	19125503	19125724	.	-	.	Parent=Smp_342740.1;Name=a96434dc-5b03-48fe-b066-9723e6164575
SM_V9_ZSR	iris	exon	19125756	19125831	.	-	.	Parent=Smp_342740.1;Name=2761dc68-06f4-44c6-bfbd-04f802d589f6
SM_V9_ZSR	iris	exon	19125858	19125928	.	-	.	Parent=Smp_342740.1;Name=64cdf5d2-d115-458c-86a3-d65c6bbaebb1
SM_V9_ZSR	iris	exon	19125960	19126071	.	-	.	Parent=Smp_342740.1;Name=3dbea6d7-c52a-48d5-8d3a-92edb85ef217
SM_V9_ZSR	iris	exon	19126106	19126216	.	-	.	Parent=Smp_342740.1;Name=cef1a419-6c3c-4df6-bbb7-3e560d63790c
SM_V9_ZSR	iris	exon	19126106	19126216	.	-	.	Parent=Smp_342740.1;Name=d2634852-0ba0-41a9-8aa7-92459f172c6b
SM_V9_ZSR	iris	CDS	19098549	19098941	.	-	.
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        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19100573        19100822        .
        -       1       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19102200        19102366        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19103673        19103970        .
        -       1       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19105078        19105338        .
        -       1       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19106130        19106252        .
        -       1       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19108177        19108604        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19116003        19116128        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19117083        19117296        .
        -       1       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19118509        19118680        .
        -       2       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19123353        19123587        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19125384        19125470        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19125503        19125724        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19125756        19125831        .
        -       1       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19125858        19125928        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19125960        19126071        .
        -       1       Parent=Smp_342740.1
SM_V9_ZSR       iris    CDS     19126106        19126191        .
        -       0       Parent=Smp_342740.1
SM_V9_ZSR       Liftoff gene    19137345        19147332        .
        +       .       ID=Smp_132990;geneID=Smp_132990
SM_V9_ZSR       Liftoff mRNA    19137345        19147332        .
        +       .
ID=Smp_132990.1;Parent=Smp_132990;geneID=Smp_132990;product=PHD and
RING finger domain-containing protein 1
SM_V9_ZSR       Liftoff exon    19137345        19137421        .
        +       .       Parent=Smp_132990.1
SM_V9_ZSR       Liftoff exon    19138039        19138201        .
        +       .       Parent=Smp_132990.1
SM_V9_ZSR       Liftoff exon    19142470        19142928        .
        +       .       Parent=Smp_132990.1
SM_V9_ZSR       Liftoff exon    19147231        19147332        .
        +       .       Parent=Smp_132990.1
SM_V9_ZSR       Liftoff CDS     19137345        19137421        .
        +       0       Parent=Smp_132990.1
SM_V9_ZSR       Liftoff CDS     19138039        19138201        .
        +       1       Parent=Smp_132990.1
SM_V9_ZSR       Liftoff CDS     19142470        19142928        .
        +       0       Parent=Smp_132990.1
SM_V9_ZSR       Liftoff CDS     19147231        19147332        .
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        +       0       Parent=Smp_132990.1
SM_V9_ZSR       iris    gene    19161068        19202607        .
        +       .
ID=Smp_019790;geneID=Smp_019790;gene_name=Smp_019790;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    19161068        19202607        .
        +       .
ID=Smp_019790.1;Parent=Smp_019790;geneID=Smp_019790;gene_name=Smp_01
9790;owner=irisadmin@local.host;orig_id=Smp_019790.2;date_last_modif
ied=2022-08-02;Name=Smp_019790.1;product=tyrosine
kinase;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    19161068        19161261        .
        +       .       Parent=Smp_019790.1;Name=44352818-eb53-4dcf-
a1a5-4d1dee753409
SM_V9_ZSR       iris    exon    19170864        19171060        .
        +       .       Parent=Smp_019790.1;Name=09221ff4-22e0-4634-
ac46-3acfada70a70
SM_V9_ZSR       iris    exon    19171098        19171308        .
        +       .
Parent=Smp_019790.1;Name=b0687845-49cd-444c-97f6-7f7ad51c637d
SM_V9_ZSR       iris    exon    19172739        19172916        .
        +       .       Parent=Smp_019790.1;Name=d942c904-5c9b-4f8a-
bcbd-88d4de46d1ea
SM_V9_ZSR       iris    exon    19176810        19176927        .
        +       .
Parent=Smp_019790.1;Name=b74908be-0407-4d6e-96ce-fecb116f6ce3
SM_V9_ZSR       iris    exon    19178363        19178763        .
        +       .       Parent=Smp_019790.1;Name=d5d59798-401c-4dd8-
a256-fbcee3adb926
SM_V9_ZSR       iris    exon    19178849        19179038        .
        +       .       Parent=Smp_019790.1;Name=f3dee3f4-
cd10-4916-84eb-076e6ebd7a7f
SM_V9_ZSR       iris    exon    19182906        19183076        .
        +       .       Parent=Smp_019790.1;Name=da542306-7e8f-46c4-
ab32-bdab99fcdd32
SM_V9_ZSR       iris    exon    19184199        19184352        .
        +       .
Parent=Smp_019790.1;Name=d564a25e-3daf-4695-8de4-6ee02db24bc9
SM_V9_ZSR       iris    exon    19185983        19186148        .
        +       .       Parent=Smp_019790.1;Name=b5d55ec3-
e00c-4cd4-9889-bf2d7c33e14c
SM_V9_ZSR       iris    exon    19191059        19192327        .
        +       .       Parent=Smp_019790.1;Name=48247be4-
c4b1-480e-9e0b-4f79b5b32dc6
SM_V9_ZSR       iris    exon    19193307        19193623        .
        +       .       Parent=Smp_019790.1;Name=c8f9d9f6-
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SM_V9_ZSR       iris    exon    19196788        19197011        .
        +       .
Parent=Smp_019790.1;Name=b40cbe3f-108b-433e-8de2-09ae2ba623e8
SM_V9_ZSR       iris    exon    19197700        19197919        .
        +       .       Parent=Smp_019790.1;Name=a3ec84fa-3958-4130-
b255-21914fd1f4d0
SM_V9_ZSR       iris    exon    19198022        19198178        .
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        +       .       Parent=Smp_019790.1;Name=64bcd86e-
ba2f-47f1-9b19-be6de933e632
SM_V9_ZSR       iris    exon    19199206        19199996        .
        +       .       Parent=Smp_019790.1;Name=11fea254-a886-4775-
b55b-067219a3ebd2
SM_V9_ZSR       iris    exon    19201488        19202607        .
        +       .
Parent=Smp_019790.1;Name=d913a132-05f2-4dea-80f4-41d6f01b34d2
SM_V9_ZSR       iris    CDS     19170949        19171060        .
        +       0       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19171098        19171308        .
        +       2       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19172739        19172916        .
        +       1       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19176810        19176927        .
        +       0       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19178363        19178763        .
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SM_V9_ZSR       iris    CDS     19178849        19179038        .
        +       0       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19182906        19183076        .
        +       2       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19184199        19184352        .
        +       2       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19185983        19186148        .
        +       1       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19191059        19192327        .
        +       0       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19193307        19193623        .
        +       0       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19196788        19197011        .
        +       1       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19197700        19197919        .
        +       2       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19198022        19198178        .
        +       1       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19199206        19199996        .
        +       0       Parent=Smp_019790.1
SM_V9_ZSR       iris    CDS     19201488        19201542        .
        +       1       Parent=Smp_019790.1
SM_V9_ZSR       Liftoff gene    19228418        19266158        .
        +       .
ID=Smp_304880;geneID=Smp_304880;previous_systematic_id=Smp_157610,Sm
p_173510,Smp_173520
SM_V9_ZSR       Liftoff mRNA    19228418        19266158        .
        +       .
ID=Smp_304880.1;Parent=Smp_304880;geneID=Smp_304880;product=Elongati
on factor Ts
SM_V9_ZSR       Liftoff exon    19228418        19228610        .
        +       .       Parent=Smp_304880.1
SM_V9_ZSR       Liftoff exon    19228642        19228789        .
        +       .       Parent=Smp_304880.1
SM_V9_ZSR       Liftoff exon    19228830        19228854        .
        +       .       Parent=Smp_304880.1
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SM_V9_ZSR	Liftoff	exon	19234688	19234943	.
	+	.	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	exon	19238723	19238919	.
	+	.	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	exon	19241446	19241589	.
	+	.	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	exon	19251103	19251508	.
	+	.	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	exon	19263524	19263620	.
	+	.	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	exon	19265867	19266158	.
	+	.	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19228478	19228610	.
	+	0	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19228642	19228789	.
	+	2	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19228830	19228854	.
	+	1	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19234688	19234943	.
	+	0	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19238723	19238919	.
	+	2	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19241446	19241589	.
	+	0	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19251103	19251508	.
	+	0	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19263524	19263620	.
	+	2	Parent=Smp_304880.1
SM_V9_ZSR	Liftoff	CDS	19265867	19265936	.
	+	1	Parent=Smp_304880.1
SM_V9_ZSR	iris	gene	19271249	19272430	.
	-	.
ID=Smp_093830;geneID=Smp_093830;gene_name=Smp_093830;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	19271249	19272430	.
	-	.
ID=Smp_093830.1;Parent=Smp_093830;geneID=Smp_093830;gene_name=Smp_09
3830;owner=irisadmin@local.host;orig_id=Smp_093830.1;date_last_modif
ied=2022-08-20;Name=Smp_093830.1;product=Cold shock domain-
containing protein CG9705;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	19271249	19271686	.
	-	.	Parent=Smp_093830.1;Name=b1656918-9491-41e5-
a310-d57070d8e049
SM_V9_ZSR	iris	exon	19271724	19271949	.
	-	.	Parent=Smp_093830.1;Name=2a282c65-33c3-43e0-
a5c8-8990d4a0ae17
SM_V9_ZSR	iris	exon	19271985	19272430	.
	-	.
Parent=Smp_093830.1;Name=5452e101-38ea-4646-9fb3-5eb97f243bd2
SM_V9_ZSR	iris	CDS	19271799	19271949	.
	-	1	Parent=Smp_093830.1
SM_V9_ZSR	iris	CDS	19271985	19272172	.
	-	0	Parent=Smp_093830.1
SM_V9_ZSR	iris	gene	19277088	19292743	.
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        +       .
ID=Smp_093820;geneID=Smp_093820;gene_name=Smp_093820;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    19277088        19292743        .
        +       .
ID=Smp_093820.1;Parent=Smp_093820;geneID=Smp_093820;gene_name=Smp_09
3820;owner=irisadmin@local.host;orig_id=Smp_093820.1;date_last_modif
ied=2022-07-20;Name=Smp_093820.1;product=Glutamate dehydrogenase 2,
mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    19277088        19277134        .
        +       .
Parent=Smp_093820.1;Name=5f113feb-88d2-4b01-9e86-bccf1138fe37
SM_V9_ZSR       iris    exon    19277613        19278200        .
        +       .
Parent=Smp_093820.1;Name=154729f4-3aef-48b0-93af-629031a7938c
SM_V9_ZSR       iris    exon    19278233        19278319        .
        +       .       Parent=Smp_093820.1;Name=592671ac-74eb-40b7-
a9cf-1d7d303e8f15
SM_V9_ZSR       iris    exon    19278467        19278555        .
        +       .       Parent=Smp_093820.1;Name=8290a67b-
f4fd-464d-8e88-e94ad889e381
SM_V9_ZSR       iris    exon    19278779        19279015        .
        +       .       Parent=Smp_093820.1;Name=abc61ca6-d348-4aec-
aa61-5ed09820a84e
SM_V9_ZSR       iris    exon    19290047        19290235        .
        +       .
Parent=Smp_093820.1;Name=d0dba5ea-580d-4c52-8a66-ec555900058a
SM_V9_ZSR       iris    exon    19290532        19290688        .
        +       .
Parent=Smp_093820.1;Name=e9e93ee9-80ee-46b1-98ec-03ad6302e5b9
SM_V9_ZSR       iris    exon    19292434        19292743        .
        +       .
Parent=Smp_093820.1;Name=b33829cd-1ebf-413d-8300-d6bdb1e73f29
SM_V9_ZSR       iris    CDS     19277630        19278200        .
        +       0       Parent=Smp_093820.1
SM_V9_ZSR       iris    CDS     19278233        19278319        .
        +       2       Parent=Smp_093820.1
SM_V9_ZSR       iris    CDS     19278467        19278555        .
        +       2       Parent=Smp_093820.1
SM_V9_ZSR       iris    CDS     19278779        19279015        .
        +       0       Parent=Smp_093820.1
SM_V9_ZSR       iris    CDS     19290047        19290235        .
        +       0       Parent=Smp_093820.1
SM_V9_ZSR       iris    CDS     19290532        19290688        .
        +       0       Parent=Smp_093820.1
SM_V9_ZSR       iris    CDS     19292434        19292525        .
        +       2       Parent=Smp_093820.1
SM_V9_ZSR       Liftoff gene    19314057        19314278        .
        +       .       ID=Smp_192230;geneID=Smp_192230
SM_V9_ZSR       Liftoff mRNA    19314057        19314278        .
        +       .
ID=Smp_192230.1;Parent=Smp_192230;geneID=Smp_192230;product=Adhesion
G-protein coupled receptor F2
SM_V9_ZSR       Liftoff exon    19314057        19314278        .
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        +       .       Parent=Smp_192230.1
SM_V9_ZSR       Liftoff CDS     19314057        19314278        .
        +       0       Parent=Smp_192230.1
SM_V9_ZSR       Liftoff gene    19325608        19351856        .
        +       .
ID=Smp_304890;geneID=Smp_304890;previous_systematic_id=Smp_019810,Sm
p_119020,Smp_133010,Smp_161090
SM_V9_ZSR       Liftoff mRNA    19325608        19351856        .
        +       .
ID=Smp_304890.1;Parent=Smp_304890;geneID=Smp_304890;product=SCL-
interrupting locus protein;polypeptide_domain=InterPro:IPR026123
Pfam:PF15253
SM_V9_ZSR       Liftoff exon    19325608        19328610        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19328647        19328845        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19328894        19329279        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19329318        19329401        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19331409        19331688        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19333429        19333745        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19339859        19340481        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19342778        19342995        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19344181        19344243        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19349856        19350166        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff exon    19351055        19351856        .
        +       .       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19328540        19328610        .
        +       0       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19328647        19328845        .
        +       1       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19328894        19329279        .
        +       0       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19329318        19329401        .
        +       1       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19331409        19331688        .
        +       1       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19333429        19333745        .
        +       0       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19339859        19340481        .
        +       1       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19342778        19342995        .
        +       2       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19344181        19344243        .
        +       0       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff CDS     19349856        19350166        .
        +       0       Parent=Smp_304890.1
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SM_V9_ZSR       Liftoff CDS     19351055        19351808        .
        +       1       Parent=Smp_304890.1
SM_V9_ZSR       Liftoff mRNA    19325608        19351856        .
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ID=Smp_304890.2;Parent=Smp_304890;geneID=Smp_304890;product=SCL-
interrupting locus protein;polypeptide_domain=InterPro:IPR026123
Pfam:PF15253
SM_V9_ZSR       Liftoff exon    19325608        19328610        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19328647        19328845        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19328894        19329279        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19329318        19329401        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19331409        19331688        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19333429        19333745        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19339859        19340481        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19342778        19342995        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19349856        19350166        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff exon    19351055        19351856        .
        +       .       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19328540        19328610        .
        +       0       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19328647        19328845        .
        +       1       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19328894        19329279        .
        +       0       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19329318        19329401        .
        +       1       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19331409        19331688        .
        +       1       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19333429        19333745        .
        +       0       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19339859        19340481        .
        +       1       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19342778        19342995        .
        +       2       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19349856        19350166        .
        +       0       Parent=Smp_304890.2
SM_V9_ZSR       Liftoff CDS     19351055        19351808        .
        +       1       Parent=Smp_304890.2
SM_V9_ZSR       iris    gene    19351859        19389464        .
        -       .
ID=Smp_019840;geneID=Smp_019840;gene_name=Smp_019840;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    19351859        19371360        .
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ID=Smp_019840.1;Parent=Smp_019840;geneID=Smp_019840;gene_name=Smp_01
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1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    19351859        19352067        .
        -       .       Parent=Smp_019840.1;Name=448cf8c9-34da-4fb6-
b537-a80d0bc7158a
SM_V9_ZSR       iris    exon    19353183        19353275        .
        -       .
Parent=Smp_019840.1;Name=bfa84ecf-3c4a-41c4-8f9d-12b5ece026f7
SM_V9_ZSR       iris    exon    19354689        19354886        .
        -       .
Parent=Smp_019840.1;Name=890ee22a-367f-4830-8714-527d4b90f0a1
SM_V9_ZSR       iris    exon    19355017        19355252        .
        -       .
Parent=Smp_019840.1;Name=1ab1e010-6979-4ac7-9920-27557ca0f4d5
SM_V9_ZSR       iris    exon    19355930        19356030        .
        -       .
Parent=Smp_019840.1;Name=be2fd866-2fef-40fe-865e-9a82458df327
SM_V9_ZSR       iris    exon    19357355        19357470        .
        -       .       Parent=Smp_019840.1;Name=56096e46-8ab9-4030-
bde2-e1307efdaba2
SM_V9_ZSR       iris    exon    19358628        19358927        .
        -       .       Parent=Smp_019840.1;Name=854fe2a9-
e7eb-4885-854d-257879720b29
SM_V9_ZSR       iris    exon    19361000        19361201        .
        -       .
Parent=Smp_019840.1;Name=28cc24a5-2d74-4996-8a1f-2d5a8c8ef926
SM_V9_ZSR       iris    exon    19362307        19362584        .
        -       .
Parent=Smp_019840.1;Name=33de69e8-8842-49eb-887c-a8db58ac059d
SM_V9_ZSR       iris    exon    19367092        19367193        .
        -       .       Parent=Smp_019840.1;Name=c2927c27-b8dd-4148-
b2a7-a3eea46880d5
SM_V9_ZSR       iris    exon    19367496        19367560        .
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Parent=Smp_019840.1;Name=761e1b84-33ca-441d-8b68-670becdd7866
SM_V9_ZSR       iris    exon    19368896        19369068        .
        -       .
Parent=Smp_019840.1;Name=8f2e2f5e-70b7-4bf0-82a3-22a0bd0c1859
SM_V9_ZSR       iris    exon    19369102        19369158        .
        -       .
Parent=Smp_019840.1;Name=ffd0e8fc-8f04-44f3-95f6-5b0e3ce2917f
SM_V9_ZSR       iris    exon    19369191        19369253        .
        -       .
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SM_V9_ZSR       iris    exon    19369285        19369469        .
        -       .       Parent=Smp_019840.1;Name=8642e55b-
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SM_V9_ZSR       iris    exon    19369504        19369581        .
        -       .
Parent=Smp_019840.1;Name=f28ff72e-6982-491d-9b9b-861233073218
SM_V9_ZSR       iris    exon    19369620        19369636        .
        -       .       Parent=Smp_019840.1;Name=5c77eba9-
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SM_V9_ZSR	iris	exon	19369672	19369781	.
	-	.	Parent=Smp_019840.1;Name=6cdb55e4-8192-4393-
a620-557527c1784c
SM_V9_ZSR	iris	exon	19369818	19369865	.
	-	.	Parent=Smp_019840.1;Name=5b07f235-2c4c-4b09-
bf59-51bdaf89063d
SM_V9_ZSR	iris	exon	19371161	19371360	.
	-	.	Parent=Smp_019840.1;Name=36377276-c1d0-4cce-
a1c4-814da7e29bde
SM_V9_ZSR	iris	CDS	19351978	19352067	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19353183	19353275	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19354689	19354886	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19355017	19355252	.
	-	2	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19355930	19356030	.
	-	1	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19357355	19357470	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19358628	19358927	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19361000	19361201	.
	-	1	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19362307	19362584	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19367092	19367193	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19367496	19367560	.
	-	2	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19368896	19369068	.
	-	1	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19369102	19369158	.
	-	1	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19369191	19369253	.
	-	1	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19369285	19369469	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19369504	19369581	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19369620	19369636	.
	-	2	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19369672	19369781	.
	-	1	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19369818	19369865	.
	-	1	Parent=Smp_019840.1
SM_V9_ZSR	iris	CDS	19371161	19371180	.
	-	0	Parent=Smp_019840.1
SM_V9_ZSR	iris	mRNA	19351859	19389464	.
	-	.
ID=Smp_019840.2;Parent=Smp_019840;geneID=Smp_019840;gene_name=Smp_01
9840;owner=irisadmin@local.host;orig_id=Smp_019840.2;date_last_modif
ied=2022-07-20;Name=Smp_019840.2;product=DNA ligase
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SM_V9_ZSR       iris    exon    19353183        19353275        .
        -       .
Parent=Smp_019840.2;Name=6db81ce1-97e7-4b64-8742-00cb602e1a7c
SM_V9_ZSR       iris    exon    19354689        19354886        .
        -       .
Parent=Smp_019840.2;Name=cd857d36-5da9-44a2-92e0-677b5d952c57
SM_V9_ZSR       iris    exon    19355017        19355252        .
        -       .       Parent=Smp_019840.2;Name=07f8592a-68c4-49a3-
a208-e413588896d3
SM_V9_ZSR       iris    exon    19355930        19356030        .
        -       .       Parent=Smp_019840.2;Name=c81c4fb6-
ec49-4e85-96a5-8f7ba95d6082
SM_V9_ZSR       iris    exon    19357355        19357470        .
        -       .       Parent=Smp_019840.2;Name=45f0ccca-
dec3-4b8a-8a6b-014bc7a7d1b9
SM_V9_ZSR       iris    exon    19358628        19358927        .
        -       .       Parent=Smp_019840.2;Name=3301428d-2663-4810-
b0d5-c176dc74da30
SM_V9_ZSR       iris    exon    19361000        19361201        .
        -       .
Parent=Smp_019840.2;Name=07abe772-9b68-448c-96f4-d74e458ba5af
SM_V9_ZSR       iris    exon    19362307        19362584        .
        -       .       Parent=Smp_019840.2;Name=6d5493fa-780d-4470-
b126-412ec900c346
SM_V9_ZSR       iris    exon    19367092        19367193        .
        -       .       Parent=Smp_019840.2;Name=e82e853f-52d0-4edf-
bd19-4283ff83aaa4
SM_V9_ZSR       iris    exon    19385720        19385775        .
        -       .       Parent=Smp_019840.2;Name=c7f1b878-e013-4af7-
bb0e-04c465a2ccdb
SM_V9_ZSR       iris    exon    19387111        19387283        .
        -       .       Parent=Smp_019840.2;Name=cc879cd0-
df96-4e26-9a30-fbfb7a8316fe
SM_V9_ZSR       iris    exon    19387317        19387373        .
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Parent=Smp_019840.2;Name=5597f8c2-60a4-4dd7-9776-44ab6bddbf45
SM_V9_ZSR       iris    exon    19387406        19387468        .
        -       .       Parent=Smp_019840.2;Name=297b1a01-f942-412c-
b603-fbea26ab369a
SM_V9_ZSR       iris    exon    19387500        19387684        .
        -       .       Parent=Smp_019840.2;Name=96c2c81c-71ce-46a7-
b0ec-f1261c22a964
SM_V9_ZSR       iris    exon    19387719        19387796        .
        -       .       Parent=Smp_019840.2;Name=ee7398f4-
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SM_V9_ZSR       iris    exon    19387835        19387851        .
        -       .       Parent=Smp_019840.2;Name=8f850c68-8abf-4c2f-
ad3b-4dbf8a27e815
SM_V9_ZSR       iris    exon    19387887        19387996        .
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Parent=Smp_019840.2;Name=ebac4777-8a3a-4af3-813f-59f972d1d22f
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        -       .       Parent=Smp_019840.2;Name=fe365dda-f8b4-468e-
b883-ca0497354c2c
SM_V9_ZSR       iris    exon    19389378        19389464        .
        -       .       Parent=Smp_019840.2;Name=456dd3e5-6efc-4b0c-
ba82-12b6574e615f
SM_V9_ZSR       iris    CDS     19351978        19352067        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19353183        19353275        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19354689        19354886        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19355017        19355252        .
        -       2       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19355930        19356030        .
        -       1       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19357355        19357470        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19358628        19358927        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19361000        19361201        .
        -       1       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19362307        19362584        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19367092        19367193        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19385720        19385775        .
        -       2       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19387111        19387283        .
        -       1       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19387317        19387373        .
        -       1       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19387406        19387468        .
        -       1       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19387500        19387684        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19387719        19387796        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19387835        19387851        .
        -       2       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19387887        19387996        .
        -       1       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19388033        19388080        .
        -       1       Parent=Smp_019840.2
SM_V9_ZSR       iris    CDS     19389378        19389397        .
        -       0       Parent=Smp_019840.2
SM_V9_ZSR       Liftoff gene    19400958        19412049        .
        +       .       ID=Smp_019820;geneID=Smp_019820
SM_V9_ZSR       Liftoff mRNA    19400958        19412049        .
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ID=Smp_019820.1;Parent=Smp_019820;geneID=Smp_019820;product=Thioredo
xin domain-containing protein
15;polypeptide_domain=InterPro:IPR012336
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SM_V9_ZSR       Liftoff exon    19400958        19401229        .
        +       .       Parent=Smp_019820.1
SM_V9_ZSR       Liftoff exon    19404274        19404768        .
        +       .       Parent=Smp_019820.1
SM_V9_ZSR       Liftoff exon    19411721        19412049        .
        +       .       Parent=Smp_019820.1
SM_V9_ZSR       Liftoff CDS     19401079        19401229        .
        +       0       Parent=Smp_019820.1
SM_V9_ZSR       Liftoff CDS     19404274        19404768        .
        +       2       Parent=Smp_019820.1
SM_V9_ZSR       Liftoff CDS     19411721        19411962        .
        +       2       Parent=Smp_019820.1
SM_V9_ZSR       iris    gene    19411986        19412670        .
        -       .
ID=Smp_322650;geneID=Smp_322650;gene_name=Smp_322650;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    19411986        19412670        .
        -       .
ID=Smp_322650.1;Parent=Smp_322650;geneID=Smp_322650;gene_name=Smp_32
2650;owner=irisadmin@local.host;orig_id=Smp_322650.1;date_last_modif
ied=2022-07-20;Name=Smp_322650.1;product=Transmembrane protein 234
homolog;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    19411986        19412139        .
        -       .
Parent=Smp_322650.1;Name=ef3cf3f8-555f-49c5-841e-49e74a45a9b2
SM_V9_ZSR       iris    exon    19412182        19412277        .
        -       .       Parent=Smp_322650.1;Name=1423c40f-6998-44d3-
a8e5-7b12d3585d2a
SM_V9_ZSR       iris    exon    19412313        19412379        .
        -       .       Parent=Smp_322650.1;Name=17360031-
db46-4cb2-9e80-6f648823d01f
SM_V9_ZSR       iris    exon    19412413        19412670        .
        -       .
Parent=Smp_322650.1;Name=13094cff-28a5-4da5-9e54-e4142bfe8187
SM_V9_ZSR       iris    CDS     19412087        19412139        .
        -       2       Parent=Smp_322650.1
SM_V9_ZSR       iris    CDS     19412182        19412277        .
        -       2       Parent=Smp_322650.1
SM_V9_ZSR       iris    CDS     19412313        19412379        .
        -       0       Parent=Smp_322650.1
SM_V9_ZSR       iris    CDS     19412413        19412502        .
        -       0       Parent=Smp_322650.1
SM_V9_ZSR       iris    gene    19441098        19468609        .
        +       .
ID=Smp_172660;geneID=Smp_172660;gene_name=Smp_172660;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR       iris    mRNA    19441098        19468609        .
        +       .
ID=Smp_172660.1;Parent=Smp_172660;geneID=Smp_172660;gene_name=Smp_17
2660;owner=irisadmin@local.host;orig_id=Smp_172660.1;date_last_modif
ied=2022-08-02;Name=Smp_172660.1;product=diphosphomevalonate
decarboxylase;date_creation=2022-08-02
SM_V9_ZSR       iris    exon    19441098        19441264        .
        +       .       Parent=Smp_172660.1;Name=49a9abdb-5a9e-4ccc-
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a0ea-2adb26d9ff95
SM_V9_ZSR       iris    exon    19441302        19441372        .
        +       .       Parent=Smp_172660.1;Name=b6c28233-
bb57-4569-9911-0dafc9c9ddc8
SM_V9_ZSR       iris    exon    19441410        19441477        .
        +       .       Parent=Smp_172660.1;Name=e05c82e4-afed-432d-
b9b2-339f7abe62e1
SM_V9_ZSR       iris    exon    19441512        19441555        .
        +       .
Parent=Smp_172660.1;Name=ae1c028e-81ed-4815-824a-99b566a10e86
SM_V9_ZSR       iris    exon    19441592        19441714        .
        +       .       Parent=Smp_172660.1;Name=97f32e8d-9a45-4865-
a977-5e3d639a6375
SM_V9_ZSR       iris    exon    19441746        19441936        .
        +       .       Parent=Smp_172660.1;Name=8a924f55-5bc1-48d0-
b304-c8180ff90b6c
SM_V9_ZSR       iris    exon    19452866        19453159        .
        +       .       Parent=Smp_172660.1;Name=b1c91813-da79-4ceb-
b82d-f9d284278e15
SM_V9_ZSR       iris    exon    19459458        19459679        .
        +       .       Parent=Smp_172660.1;Name=d63651e8-8175-49b4-
b8cb-c6521c481b7b
SM_V9_ZSR       iris    exon    19465941        19466000        .
        +       .       Parent=Smp_172660.1;Name=2218204e-cc32-4b68-
aef9-443617015b65
SM_V9_ZSR       iris    exon    19468095        19468609        .
        +       .       Parent=Smp_172660.1;Name=264fccd6-
b3db-4c04-9170-4ea18d806121
SM_V9_ZSR       iris    CDS     19441216        19441264        .
        +       0       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19441302        19441372        .
        +       2       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19441410        19441477        .
        +       0       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19441512        19441555        .
        +       1       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19441592        19441714        .
        +       2       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19441746        19441936        .
        +       2       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19452866        19453159        .
        +       0       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19459458        19459679        .
        +       0       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19465941        19466000        .
        +       0       Parent=Smp_172660.1
SM_V9_ZSR       iris    CDS     19468095        19468133        .
        +       0       Parent=Smp_172660.1
SM_V9_ZSR       Liftoff gene    19501158        19526543        .
        +       .       ID=Smp_158050;geneID=Smp_158050
SM_V9_ZSR       Liftoff mRNA    19501158        19526543        .
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ID=Smp_158050.1;Parent=Smp_158050;geneID=Smp_158050;product=Transcri
ption activator
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Pfam:PF00176,PF00271,PF00439,PF07529,PF07533,PF08880,PF14619;Ontolog
y_term=GO:0005515,GO:0005524,GO:0005634,GO:0006355,GO:0016817,GO:004
2393
SM_V9_ZSR       Liftoff exon    19501158        19504394        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19505677        19506107        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19506653        19506830        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19508624        19508866        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19512213        19512434        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19516010        19516303        .
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SM_V9_ZSR       Liftoff exon    19517177        19517431        .
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SM_V9_ZSR       Liftoff exon    19518106        19518474        .
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SM_V9_ZSR       Liftoff exon    19519706        19519891        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19521331        19521533        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19522521        19522728        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19523746        19524136        .
        +       .       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff exon    19525832        19526543        .
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SM_V9_ZSR       Liftoff CDS     19502928        19504394        .
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SM_V9_ZSR       Liftoff CDS     19505677        19506107        .
        +       0       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19506653        19506830        .
        +       1       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19508624        19508866        .
        +       0       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19512213        19512434        .
        +       0       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19516010        19516303        .
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SM_V9_ZSR       Liftoff CDS     19517177        19517431        .
        +       0       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19518106        19518474        .
        +       0       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19519706        19519891        .
        +       0       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19521331        19521533        .
        +       0       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19522521        19522728        .
        +       1       Parent=Smp_158050.1
SM_V9_ZSR       Liftoff CDS     19523746        19524136        .
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        +       2       Parent=Smp_158050.1
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ID=Smp_066410;geneID=Smp_066410;gene_name=Smp_066410;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    19529789        19539588        .
        -       .
ID=Smp_066410.1;Parent=Smp_066410;geneID=Smp_066410;gene_name=Smp_06
6410;owner=irisadmin@local.host;orig_id=Smp_066410.1;date_last_modif
ied=2022-07-20;Name=Smp_066410.1;product=Pyruvate dehydrogenase
protein X component, mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    19529789        19530426        .
        -       .       Parent=Smp_066410.1;Name=89f3153f-8915-4deb-
ba65-0e5096a2f1c3
SM_V9_ZSR       iris    exon    19531168        19531397        .
        -       .
Parent=Smp_066410.1;Name=81af6525-9f17-4c5a-9d98-3455a8f6aa5f
SM_V9_ZSR       iris    exon    19532671        19532983        .
        -       .       Parent=Smp_066410.1;Name=f732a9dd-
de48-44eb-96b3-c13f8d8f185b
SM_V9_ZSR       iris    exon    19537682        19537962        .
        -       .       Parent=Smp_066410.1;Name=1a6acad5-6979-4c3d-
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SM_V9_ZSR       iris    exon    19539235        19539335        .
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SM_V9_ZSR       iris    exon    19539377        19539454        .
        -       .       Parent=Smp_066410.1;Name=d97df8d2-d4cb-447e-
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SM_V9_ZSR       iris    exon    19539487        19539588        .
        -       .       Parent=Smp_066410.1;Name=c824a8ee-194d-4d86-
a0ba-58edc74f92e7
SM_V9_ZSR       iris    CDS     19530051        19530426        .
        -       1       Parent=Smp_066410.1
SM_V9_ZSR       iris    CDS     19531168        19531397        .
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SM_V9_ZSR       iris    CDS     19532671        19532983        .
        -       1       Parent=Smp_066410.1
SM_V9_ZSR       iris    CDS     19537682        19537962        .
        -       0       Parent=Smp_066410.1
SM_V9_ZSR       iris    CDS     19539235        19539335        .
        -       2       Parent=Smp_066410.1
SM_V9_ZSR       iris    CDS     19539377        19539454        .
        -       2       Parent=Smp_066410.1
SM_V9_ZSR       iris    CDS     19539487        19539559        .
        -       0       Parent=Smp_066410.1
SM_V9_ZSR       Liftoff gene    19593634        19594360        .
        +       .       ID=Smp_037690;geneID=Smp_037690
SM_V9_ZSR       Liftoff mRNA    19593634        19594360        .
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ID=Smp_037690.1;Parent=Smp_037690;geneID=Smp_037690;product=Urease
subunit beta
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SM_V9_ZSR	Liftoff	exon	19593634	19594360	.
	+	.	Parent=Smp_037690.1
SM_V9_ZSR	Liftoff	CDS	19593727	19594056	.
	+	0	Parent=Smp_037690.1
SM_V9_ZSR	iris	gene	19607998	19610889	.
	+	.
ID=Smp_037700;geneID=Smp_037700;gene_name=Smp_037700;owner=irisadmin
@local.host;date_last_modified=2022-08-02;date_creation=2022-08-02
SM_V9_ZSR	iris	mRNA	19607998	19610889	.
	+	.
ID=Smp_037700.1;Parent=Smp_037700;geneID=Smp_037700;gene_name=Smp_03
7700;owner=irisadmin@local.host;orig_id=Smp_037700.2;date_last_modif
ied=2022-08-02;Name=Smp_037700.1;product=Nuclear transport factor
2;date_creation=2022-08-02
SM_V9_ZSR	iris	exon	19607998	19608146	.
	+	.
Parent=Smp_037700.1;Name=77f90219-7f1f-46ea-9467-f00b4dae27b8
SM_V9_ZSR	iris	exon	19608181	19608249	.
	+	.	Parent=Smp_037700.1;Name=6d33b4f9-5a22-47bf-
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SM_V9_ZSR	iris	exon	19608285	19608380	.
	+	.	Parent=Smp_037700.1;Name=bfd3b393-eeaf-4304-
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SM_V9_ZSR	iris	exon	19609977	19610889	.
	+	.	Parent=Smp_037700.1;Name=67c56081-045f-4908-
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	+	0	Parent=Smp_037700.1
SM_V9_ZSR	iris	CDS	19608181	19608249	.
	+	0	Parent=Smp_037700.1
SM_V9_ZSR	iris	CDS	19608285	19608380	.
	+	0	Parent=Smp_037700.1
SM_V9_ZSR	iris	CDS	19609977	19610087	.
	+	0	Parent=Smp_037700.1
SM_V9_ZSR	Liftoff	gene	19612245	19613824	.
	-	.
ID=Smp_335050;geneID=Smp_335050;note=psid:Smp_066420
SM_V9_ZSR	Liftoff	mRNA	19612245	19613824	.
	-	.
ID=Smp_335050.1;Parent=Smp_335050;geneID=Smp_335050;product=Sialic
acid-binding Ig-like lectin 5
SM_V9_ZSR	Liftoff	exon	19612245	19613824	.
	-	.	Parent=Smp_335050.1
SM_V9_ZSR	Liftoff	CDS	19612786	19612977	.
	-	0	Parent=Smp_335050.1
SM_V9_ZSR	Liftoff	gene	19643256	19669211	.
	+	.	ID=Smp_066430;geneID=Smp_066430
SM_V9_ZSR	Liftoff	mRNA	19643256	19669211	.
	+	.
ID=Smp_066430.1;Parent=Smp_066430;geneID=Smp_066430;product=Zinc
finger protein
AEBP2;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:0003676
SM_V9_ZSR	Liftoff	exon	19643256	19650075	.
	+	.	Parent=Smp_066430.1
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SM_V9_ZSR	Liftoff	exon	19655145	19655446	.
	+	.	Parent=Smp_066430.1
SM_V9_ZSR	Liftoff	exon	19659730	19659803	.
	+	.	Parent=Smp_066430.1
SM_V9_ZSR	Liftoff	exon	19668658	19669211	.
	+	.	Parent=Smp_066430.1
SM_V9_ZSR	Liftoff	CDS	19649277	19650075	.
	+	0	Parent=Smp_066430.1
SM_V9_ZSR	Liftoff	CDS	19655145	19655446	.
	+	2	Parent=Smp_066430.1
SM_V9_ZSR	Liftoff	CDS	19659730	19659803	.
	+	0	Parent=Smp_066430.1
SM_V9_ZSR	Liftoff	CDS	19668658	19668727	.
	+	1	Parent=Smp_066430.1
SM_V9_ZSR	Liftoff	gene	19672284	19689834	.
	-	.
ID=Smp_267280;geneID=Smp_267280;previous_systematic_id=Smp_158040,Sm
p_158080
SM_V9_ZSR	Liftoff	mRNA	19672284	19689834	.
	-	.
ID=Smp_267280.1;Parent=Smp_267280;geneID=Smp_267280;product=General
transcription factor 3C polypeptide
6;polypeptide_domain=InterPro:IPR019481 Pfam:PF10419
SM_V9_ZSR	Liftoff	exon	19672284	19672612	.
	-	.	Parent=Smp_267280.1
SM_V9_ZSR	Liftoff	exon	19674103	19689834	.
	-	.	Parent=Smp_267280.1
SM_V9_ZSR	Liftoff	CDS	19672382	19672612	.
	-	0	Parent=Smp_267280.1
SM_V9_ZSR	Liftoff	CDS	19674103	19674804	.
	-	0	Parent=Smp_267280.1
SM_V9_ZSR	iris	gene	19739093	19771824	.
	+	.
ID=Smp_158030;geneID=Smp_158030;gene_name=Smp_158030;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	19739093	19771824	.
	+	.
ID=Smp_158030.1;Parent=Smp_158030;geneID=Smp_158030;gene_name=Smp_15
8030;owner=irisadmin@local.host;orig_id=Smp_158030.1;date_last_modif
ied=2022-07-20;Name=Smp_158030.1;product=Vacuolar fusion protein
CCZ1 homolog;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	19739093	19739196	.
	+	.	Parent=Smp_158030.1;Name=77e024a1-16ca-414f-
b336-420cb7ebf4e4
SM_V9_ZSR	iris	exon	19743726	19743823	.
	+	.
Parent=Smp_158030.1;Name=14412a6a-6576-43ff-9125-bcd0e41fdf73
SM_V9_ZSR	iris	exon	19743892	19743979	.
	+	.
Parent=Smp_158030.1;Name=c77cc076-225d-4955-9863-4d3603314df4
SM_V9_ZSR	iris	exon	19744034	19744147	.
	+	.
Parent=Smp_158030.1;Name=c67e6cfe-0923-496d-93b8-53f330543b21
SM_V9_ZSR	iris	exon	19744262	19744345	.
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        +       .       Parent=Smp_158030.1;Name=e7ba7791-8e3e-4e22-
a6e4-e6d7faf6a38d
SM_V9_ZSR       iris    exon    19744414        19744589        .
        +       .       Parent=Smp_158030.1;Name=365eacae-19f9-4be7-
ab99-a1eb86acac6d
SM_V9_ZSR       iris    exon    19747414        19747536        .
        +       .
Parent=Smp_158030.1;Name=4ccf53f5-4912-47ea-9113-1b554f1da44d
SM_V9_ZSR       iris    exon    19749846        19749988        .
        +       .       Parent=Smp_158030.1;Name=d3fe4181-6e44-427e-
b848-bb34970a6d56
SM_V9_ZSR       iris    exon    19758636        19758753        .
        +       .       Parent=Smp_158030.1;Name=ec6c89a7-65dc-43b7-
a0db-5bd804f7758f
SM_V9_ZSR       iris    exon    19765589        19765882        .
        +       .       Parent=Smp_158030.1;Name=092f047c-7b78-4c41-
a304-df2f749739cd
SM_V9_ZSR       iris    exon    19770324        19770454        .
        +       .       Parent=Smp_158030.1;Name=3b56931a-
b1ce-4421-89d8-6d68e7945d82
SM_V9_ZSR       iris    exon    19771512        19771824        .
        +       .
Parent=Smp_158030.1;Name=c72e1f9e-5a60-4743-8778-483d0d64751e
SM_V9_ZSR       iris    CDS     19739122        19739196        .
        +       0       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19743726        19743823        .
        +       0       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19743892        19743979        .
        +       1       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19744034        19744147        .
        +       0       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19744262        19744345        .
        +       0       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19744414        19744589        .
        +       0       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19747414        19747536        .
        +       1       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19749846        19749988        .
        +       1       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19758636        19758753        .
        +       2       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19765589        19765882        .
        +       1       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19770324        19770454        .
        +       1       Parent=Smp_158030.1
SM_V9_ZSR       iris    CDS     19771512        19771567        .
        +       2       Parent=Smp_158030.1
SM_V9_ZSR       Liftoff gene    19773639        19789963        .
        +       .       ID=Smp_194240;geneID=Smp_194240
SM_V9_ZSR       Liftoff mRNA    19773639        19789963        .
        +       .
ID=Smp_194240.1;Parent=Smp_194240;geneID=Smp_194240;product=SPRY
domain-containing protein
7;polypeptide_domain=InterPro:IPR001870,IPR003877,IPR013320
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Pfam:PF00622;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    19773639        19773905        .
        +       .       Parent=Smp_194240.1
SM_V9_ZSR       Liftoff exon    19789171        19789963        .
        +       .       Parent=Smp_194240.1
SM_V9_ZSR       Liftoff CDS     19773717        19773905        .
        +       0       Parent=Smp_194240.1
SM_V9_ZSR       Liftoff CDS     19789171        19789548        .
        +       0       Parent=Smp_194240.1
SM_V9_ZSR       Liftoff gene    19799441        19801856        .
        -       .       ID=Smp_121130;geneID=Smp_121130
SM_V9_ZSR       Liftoff mRNA    19799441        19801856        .
        -       .
ID=Smp_121130.1;Parent=Smp_121130;geneID=Smp_121130;product=Solute
carrier family 25 member
51;polypeptide_domain=InterPro:IPR002067,IPR018108,IPR023395
Pfam:PF00153;Ontology_term=GO:0055085
SM_V9_ZSR       Liftoff exon    19799441        19801856        .
        -       .       Parent=Smp_121130.1
SM_V9_ZSR       Liftoff CDS     19799652        19800557        .
        -       0       Parent=Smp_121130.1
SM_V9_ZSR       iris    gene    19809556        19822304        .
        -       .
ID=Smp_121140;geneID=Smp_121140;gene_name=Smp_121140;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    19809556        19822304        .
        -       .
ID=Smp_121140.1;Parent=Smp_121140;geneID=Smp_121140;gene_name=Smp_12
1140;owner=irisadmin@local.host;orig_id=Smp_121140.1;date_last_modif
ied=2022-07-20;Name=Smp_121140.1;product=Zinc finger MYND domain-
containing protein 15;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    19809556        19810079        .
        -       .       Parent=Smp_121140.1;Name=f1e186e3-a141-48cc-
a4df-b10ffda8f105
SM_V9_ZSR       iris    exon    19812186        19812244        .
        -       .       Parent=Smp_121140.1;Name=b2a59def-cb7e-4187-
a102-da200548bdac
SM_V9_ZSR       iris    exon    19816724        19816910        .
        -       .
Parent=Smp_121140.1;Name=ce98d07a-0397-4d5c-83c1-b27fc2083217
SM_V9_ZSR       iris    exon    19818421        19818515        .
        -       .       Parent=Smp_121140.1;Name=fba0cd43-d726-4d21-
b5b0-bf8572966d21
SM_V9_ZSR       iris    exon    19820578        19820928        .
        -       .
Parent=Smp_121140.1;Name=84b12d3d-0135-4c71-84ad-a7466bcac733
SM_V9_ZSR       iris    exon    19821857        19821982        .
        -       .
Parent=Smp_121140.1;Name=bb97745c-2e07-4b4e-96bf-a404c878eaa0
SM_V9_ZSR       iris    exon    19822016        19822304        .
        -       .       Parent=Smp_121140.1;Name=9ea3c98d-7c23-4285-
ad22-971d20d9f840
SM_V9_ZSR       iris    CDS     19809768        19810079        .
        -       0       Parent=Smp_121140.1
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SM_V9_ZSR	iris	CDS	19812186	19812244	.
	-	2	Parent=Smp_121140.1
SM_V9_ZSR	iris	CDS	19816724	19816910	.
	-	0	Parent=Smp_121140.1
SM_V9_ZSR	iris	CDS	19818421	19818515	.
	-	2	Parent=Smp_121140.1
SM_V9_ZSR	iris	CDS	19820578	19820928	.
	-	2	Parent=Smp_121140.1
SM_V9_ZSR	iris	CDS	19821857	19821982	.
	-	2	Parent=Smp_121140.1
SM_V9_ZSR	iris	CDS	19822016	19822076	.
	-	0	Parent=Smp_121140.1
SM_V9_ZSR	iris	gene	19845738	19864056	.
	+	.
ID=Smp_121190;geneID=Smp_121190;gene_name=Smp_121190;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	19845738	19864056	.
	+	.
ID=Smp_121190.1;Parent=Smp_121190;geneID=Smp_121190;gene_name=Smp_12
1190;owner=irisadmin@local.host;orig_id=Smp_121190.1;date_last_modif
ied=2022-07-20;Name=Smp_121190.1;product=Potassium voltage-gated
channel protein Shab;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	19845738	19847086	.
	+	.	Parent=Smp_121190.1;Name=23b6ccce-20e4-4d59-
a335-7c750817194d
SM_V9_ZSR	iris	exon	19862633	19864056	.
	+	.	Parent=Smp_121190.1;Name=d624be15-8daa-4e94-
b5e3-286afaa43369
SM_V9_ZSR	iris	CDS	19846139	19847086	.
	+	0	Parent=Smp_121190.1
SM_V9_ZSR	iris	CDS	19862633	19863721	.
	+	0	Parent=Smp_121190.1
SM_V9_ZSR	Liftoff	gene	19880508	19894480	.
	+	.
ID=Smp_332970;geneID=Smp_332970;previous_systematic_id=Smp_194300,Sm
p_198900,Smp_242940
SM_V9_ZSR	Liftoff	mRNA	19880508	19894480	.
	+	.
ID=Smp_332970.1;Parent=Smp_332970;geneID=Smp_332970;product=Alcohol
dehydrogenase 2
SM_V9_ZSR	Liftoff	exon	19880508	19881040	.
	+	.	Parent=Smp_332970.1
SM_V9_ZSR	Liftoff	exon	19893993	19894480	.
	+	.	Parent=Smp_332970.1
SM_V9_ZSR	Liftoff	CDS	19880539	19881040	.
	+	0	Parent=Smp_332970.1
SM_V9_ZSR	Liftoff	CDS	19893993	19894141	.
	+	2	Parent=Smp_332970.1
SM_V9_ZSR	Liftoff	gene	19917188	19927284	.
	+	.	ID=Smp_194280;geneID=Smp_194280
SM_V9_ZSR	Liftoff	mRNA	19917188	19927284	.
	+	.
ID=Smp_194280.1;Parent=Smp_194280;geneID=Smp_194280;product=50S
ribosomal protein L17
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SM_V9_ZSR	Liftoff	exon	19917188	19927284	.
	+	.	Parent=Smp_194280.1
SM_V9_ZSR	Liftoff	CDS	19926870	19927127	.
	+	0	Parent=Smp_194280.1
SM_V9_ZSR	Liftoff	gene	19933845	19934201	.
	+	.	ID=Smp_194290;geneID=Smp_194290
SM_V9_ZSR	Liftoff	mRNA	19933845	19934201	.
	+	.
ID=Smp_194290.1;Parent=Smp_194290;geneID=Smp_194290;product=N-
acetyl-gamma-glutamyl-phosphate reductase
SM_V9_ZSR	Liftoff	exon	19933845	19934201	.
	+	.	Parent=Smp_194290.1
SM_V9_ZSR	Liftoff	CDS	19933845	19934201	.
	+	0	Parent=Smp_194290.1
SM_V9_ZSR	iris	gene	19951605	19966863	.
	-	.
ID=Smp_121160;geneID=Smp_121160;gene_name=Smp_121160;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	19951605	19966863	.
	-	.
ID=Smp_121160.1;Parent=Smp_121160;geneID=Smp_121160;gene_name=Smp_12
1160;owner=irisadmin@local.host;orig_id=Smp_121160.2;date_last_modif
ied=2022-07-20;Name=Smp_121160.1;product=Mitochondrial dicarboxylate
carrier;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	19951605	19952540	.
	-	.
Parent=Smp_121160.1;Name=46024485-009a-4cdc-969c-7030a3ef7b5d
SM_V9_ZSR	iris	exon	19954207	19954287	.
	-	.	Parent=Smp_121160.1;Name=6ec53cff-426b-44e5-
ac2c-26ca4fbf3d32
SM_V9_ZSR	iris	exon	19956038	19956245	.
	-	.	Parent=Smp_121160.1;Name=05f9eee7-bb81-47ab-
b4ac-383b0a0a8944
SM_V9_ZSR	iris	exon	19958216	19958257	.
	-	.
Parent=Smp_121160.1;Name=557c1e67-13ce-4e31-9e1b-e8f1e00cbfab
SM_V9_ZSR	iris	exon	19964519	19966863	.
	-	.
Parent=Smp_121160.1;Name=6bfda5fb-2eef-4f02-92ad-3b7486749fca
SM_V9_ZSR	iris	CDS	19952379	19952540	.
	-	0	Parent=Smp_121160.1
SM_V9_ZSR	iris	CDS	19954207	19954287	.
	-	0	Parent=Smp_121160.1
SM_V9_ZSR	iris	CDS	19956038	19956245	.
	-	1	Parent=Smp_121160.1
SM_V9_ZSR	iris	CDS	19958216	19958257	.
	-	1	Parent=Smp_121160.1
SM_V9_ZSR	iris	CDS	19964519	19964895	.
	-	0	Parent=Smp_121160.1
SM_V9_ZSR	iris	gene	19987368	20006495	.
	-	.
ID=Smp_194270;geneID=Smp_194270;gene_name=Smp_194270;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR	iris	mRNA	19987368	20006495	.
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ID=Smp_194270.1;Parent=Smp_194270;geneID=Smp_194270;gene_name=Smp_19
4270;owner=irisadmin@local.host;orig_id=Smp_194270.1;date_last_modif
ied=2022-08-20;Name=Smp_194270.1;product=Casein kinase I isoform
alpha;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    19987368        19990098        .
        -       .
Parent=Smp_194270.1;Name=9ff44013-67e6-42f7-9812-ae28e16da822
SM_V9_ZSR       iris    exon    19994822        19995002        .
        -       .       Parent=Smp_194270.1;Name=7c7db742-5318-4cfd-
a431-05dc921f912f
SM_V9_ZSR       iris    exon    20003428        20003726        .
        -       .       Parent=Smp_194270.1;Name=7d2f1fd4-239f-4782-
b956-1458cae72629
SM_V9_ZSR       iris    exon    20003765        20003982        .
        -       .
Parent=Smp_194270.1;Name=72910d46-4e93-474d-9544-a00343035f84
SM_V9_ZSR       iris    exon    20006216        20006355        .
        -       .
Parent=Smp_194270.1;Name=e4319e7a-1e50-41b6-922f-66ca4bdbfdbe
SM_V9_ZSR       iris    exon    20006410        20006495        .
        -       .
Parent=Smp_194270.1;Name=4ec95e29-6bfd-45e3-9ea1-da780bce11e1
SM_V9_ZSR       iris    CDS     19989649        19990098        .
        -       0       Parent=Smp_194270.1
SM_V9_ZSR       iris    CDS     19994822        19995002        .
        -       1       Parent=Smp_194270.1
SM_V9_ZSR       iris    CDS     20003428        20003726        .
        -       0       Parent=Smp_194270.1
SM_V9_ZSR       iris    CDS     20003765        20003971        .
        -       0       Parent=Smp_194270.1
SM_V9_ZSR       Liftoff gene    20028146        20044061        .
        -       .       ID=Smp_203480;geneID=Smp_203480
SM_V9_ZSR       Liftoff mRNA    20028146        20044061        .
        -       .
ID=Smp_203480.1;Parent=Smp_203480;geneID=Smp_203480;product=Ufm1-
specific protease 2;polypeptide_domain=InterPro:IPR012462
Pfam:PF07910
SM_V9_ZSR       Liftoff exon    20028146        20028845        .
        -       .       Parent=Smp_203480.1
SM_V9_ZSR       Liftoff exon    20034014        20034205        .
        -       .       Parent=Smp_203480.1
SM_V9_ZSR       Liftoff exon    20037640        20037830        .
        -       .       Parent=Smp_203480.1
SM_V9_ZSR       Liftoff exon    20040706        20044061        .
        -       .       Parent=Smp_203480.1
SM_V9_ZSR       Liftoff CDS     20028471        20028845        .
        -       0       Parent=Smp_203480.1
SM_V9_ZSR       Liftoff CDS     20034014        20034205        .
        -       0       Parent=Smp_203480.1
SM_V9_ZSR       Liftoff CDS     20037640        20037830        .
        -       2       Parent=Smp_203480.1
SM_V9_ZSR       Liftoff CDS     20040706        20041090        .
        -       0       Parent=Smp_203480.1
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SM_V9_ZSR	Liftoff	gene	20047015	20049988	.
	+	.
ID=Smp_304900;geneID=Smp_304900;previous_systematic_id=Smp_102330
SM_V9_ZSR	Liftoff	mRNA	20047015	20049988	.
	+	.
ID=Smp_304900.1;Parent=Smp_304900;geneID=Smp_304900;product=Chaperon
e protein HtpG
SM_V9_ZSR	Liftoff	exon	20047015	20048201	.
	+	.	Parent=Smp_304900.1
SM_V9_ZSR	Liftoff	exon	20049590	20049988	.
	+	.	Parent=Smp_304900.1
SM_V9_ZSR	Liftoff	CDS	20048112	20048201	.
	+	0	Parent=Smp_304900.1
SM_V9_ZSR	Liftoff	CDS	20049590	20049754	.
	+	0	Parent=Smp_304900.1
SM_V9_ZSR	Liftoff	mRNA	20047015	20049988	.
	+	.
ID=Smp_304900.2;Parent=Smp_304900;geneID=Smp_304900;product=Alanine-
-tRNA ligase
SM_V9_ZSR	Liftoff	exon	20047015	20048201	.
	+	.	Parent=Smp_304900.2
SM_V9_ZSR	Liftoff	exon	20049521	20049988	.
	+	.	Parent=Smp_304900.2
SM_V9_ZSR	Liftoff	CDS	20048112	20048201	.
	+	0	Parent=Smp_304900.2
SM_V9_ZSR	Liftoff	CDS	20049521	20049754	.
	+	0	Parent=Smp_304900.2
SM_V9_ZSR	iris	gene	20051005	20066533	.
	+	.
ID=Smp_304910;geneID=Smp_304910;gene_name=Smp_304910;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	20051005	20066533	.
	+	.
ID=Smp_304910.1;Parent=Smp_304910;geneID=Smp_304910;gene_name=Smp_30
4910;owner=irisadmin@local.host;orig_id=Smp_304910.1;date_last_modif
ied=2022-07-20;Name=Smp_304910.1;product=Hypothetical
protein;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	20051005	20051076	.
	+	.	Parent=Smp_304910.1;Name=216bf7a7-9b61-4d91-
bc5f-4876e1c49288
SM_V9_ZSR	iris	exon	20054732	20055073	.
	+	.
Parent=Smp_304910.1;Name=898342c1-2190-47f7-84a8-803abece002e
SM_V9_ZSR	iris	exon	20055344	20055639	.
	+	.	Parent=Smp_304910.1;Name=d2ef00d5-6744-421e-
a874-a4c03f74fb6c
SM_V9_ZSR	iris	exon	20059453	20059625	.
	+	.	Parent=Smp_304910.1;Name=34c3e2d7-4cff-41c0-
b6ff-5b8e4037d258
SM_V9_ZSR	iris	exon	20060895	20061044	.
	+	.
Parent=Smp_304910.1;Name=76f95423-7ef0-468e-8e44-3aeceb8cbd46
SM_V9_ZSR	iris	exon	20062194	20062633	.
	+	.	Parent=Smp_304910.1;Name=1e262295-458d-4966-
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ab78-f3bbc5246b4c
SM_V9_ZSR       iris    exon    20066300        20066533        .
        +       .       Parent=Smp_304910.1;Name=c48487a8-6f09-485a-
b94c-6f879440d6b9
SM_V9_ZSR       iris    CDS     20051005        20051076        .
        +       0       Parent=Smp_304910.1
SM_V9_ZSR       iris    CDS     20054732        20055073        .
        +       0       Parent=Smp_304910.1
SM_V9_ZSR       iris    CDS     20055344        20055639        .
        +       0       Parent=Smp_304910.1
SM_V9_ZSR       iris    CDS     20059453        20059625        .
        +       1       Parent=Smp_304910.1
SM_V9_ZSR       iris    CDS     20060895        20061044        .
        +       2       Parent=Smp_304910.1
SM_V9_ZSR       iris    CDS     20062194        20062594        .
        +       2       Parent=Smp_304910.1
SM_V9_ZSR       iris    gene    20078868        20099461        .
        +       .
ID=Smp_346720;geneID=Smp_346720;gene_name=Smp_346720;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20078868        20099461        .
        +       .
ID=Smp_346720.1;Parent=Smp_346720;geneID=Smp_346720;gene_name=Smp_34
6720;owner=irisadmin@local.host;orig_id=Smp_346720.1;date_last_modif
ied=2022-07-20;Name=Smp_346720.1;product=E3 ubiquitin-protein ligase
listerin;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20078868        20078922        .
        +       .
Parent=Smp_346720.1;Name=67f2ba24-0100-4d71-8c39-3cadb34ceff6
SM_V9_ZSR       iris    exon    20083246        20083808        .
        +       .
Parent=Smp_346720.1;Name=c0a57a10-3544-411e-817a-da8329f0c4ce
SM_V9_ZSR       iris    exon    20084660        20085499        .
        +       .       Parent=Smp_346720.1;Name=e12db21d-944e-46ac-
a4d9-9844bd489e82
SM_V9_ZSR       iris    exon    20087530        20087970        .
        +       .       Parent=Smp_346720.1;Name=11c936c0-dc1b-41ec-
acbc-4b994a947522
SM_V9_ZSR       iris    exon    20088400        20093055        .
        +       .       Parent=Smp_346720.1;Name=0e49dde8-da50-4772-
a00a-b8bb74993543
SM_V9_ZSR       iris    exon    20097797        20097967        .
        +       .       Parent=Smp_346720.1;Name=d7c98918-73e6-4f48-
a252-a0d09868fe01
SM_V9_ZSR       iris    exon    20098842        20099461        .
        +       .
Parent=Smp_346720.1;Name=3951403d-31ee-47e9-830f-8d58a2207be3
SM_V9_ZSR       iris    CDS     20083278        20083808        .
        +       0       Parent=Smp_346720.1
SM_V9_ZSR       iris    CDS     20084660        20085499        .
        +       0       Parent=Smp_346720.1
SM_V9_ZSR       iris    CDS     20087530        20087970        .
        +       0       Parent=Smp_346720.1
SM_V9_ZSR       iris    CDS     20088400        20093055        .
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        +       0       Parent=Smp_346720.1
SM_V9_ZSR       iris    CDS     20097797        20097967        .
        +       0       Parent=Smp_346720.1
SM_V9_ZSR       iris    CDS     20098842        20099099        .
        +       0       Parent=Smp_346720.1
SM_V9_ZSR       Liftoff gene    20106345        20139042        .
        +       .
ID=Smp_244920;geneID=Smp_244920;previous_systematic_id=Smp_179020,Sm
p_179030
SM_V9_ZSR       Liftoff mRNA    20106345        20139042        .
        +       .
ID=Smp_244920.1;Parent=Smp_244920;geneID=Smp_244920;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    20106345        20108441        .
        +       .       Parent=Smp_244920.1
SM_V9_ZSR       Liftoff exon    20137142        20139042        .
        +       .       Parent=Smp_244920.1
SM_V9_ZSR       Liftoff CDS     20106491        20108441        .
        +       0       Parent=Smp_244920.1
SM_V9_ZSR       Liftoff CDS     20137142        20137959        .
        +       2       Parent=Smp_244920.1
SM_V9_ZSR       iris    gene    20141865        20149424        .
        -       .
ID=Smp_209050;geneID=Smp_209050;gene_name=Smp_209050;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    20141865        20149424        .
        -       .
ID=Smp_209050.1;Parent=Smp_209050;geneID=Smp_209050;gene_name=Smp_20
9050;owner=irisadmin@local.host;orig_id=Smp_209050.1;date_last_modif
ied=2022-08-20;Name=Smp_209050.1;product=Peptidyl-prolyl cis-trans
isomerase-like 4;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    20141865        20142220        .
        -       .       Parent=Smp_209050.1;Name=aaec51f8-
cb3e-4b6d-9e4d-13c320a3d798
SM_V9_ZSR       iris    exon    20145738        20146440        .
        -       .
Parent=Smp_209050.1;Name=d22dfc46-6ada-4c14-840e-32804f10b199
SM_V9_ZSR       iris    exon    20148803        20148973        .
        -       .       Parent=Smp_209050.1;Name=d9633076-7aba-4c51-
b6f3-bbd5735375ce
SM_V9_ZSR       iris    exon    20149013        20149424        .
        -       .       Parent=Smp_209050.1;Name=32b2de8d-dd8c-43aa-
aeeb-cf49ea85b448
SM_V9_ZSR       iris    CDS     20142141        20142220        .
        -       2       Parent=Smp_209050.1
SM_V9_ZSR       iris    CDS     20145738        20146440        .
        -       0       Parent=Smp_209050.1
SM_V9_ZSR       iris    CDS     20148803        20148973        .
        -       0       Parent=Smp_209050.1
SM_V9_ZSR       iris    CDS     20149013        20149396        .
        -       0       Parent=Smp_209050.1
SM_V9_ZSR       Liftoff gene    20159875        20173150        .
        +       .       ID=Smp_165540;geneID=Smp_165540
SM_V9_ZSR       Liftoff mRNA    20159875        20173150        .
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ID=Smp_165540.1;Parent=Smp_165540;geneID=Smp_165540;product=STIP1
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1;polypeptide_domain=InterPro:IPR003613,IPR011990,IPR013026,IPR01308
3,IPR019734
Pfam:PF04564,PF12895;Ontology_term=GO:0004842,GO:0005515,GO:0016567
SM_V9_ZSR       Liftoff exon    20159875        20164624        .
        +       .       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff exon    20169561        20169795        .
        +       .       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff exon    20171197        20171439        .
        +       .       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff exon    20172637        20173150        .
        +       .       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff CDS     20164407        20164624        .
        +       0       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff CDS     20169561        20169795        .
        +       1       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff CDS     20171197        20171439        .
        +       0       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff CDS     20172637        20172897        .
        +       0       Parent=Smp_165540.1
SM_V9_ZSR       Liftoff gene    20173225        20189419        .
        +       .       ID=Smp_080520;geneID=Smp_080520
SM_V9_ZSR       Liftoff mRNA    20173225        20189419        .
        +       .
ID=Smp_080520.1;Parent=Smp_080520;geneID=Smp_080520;product=E3
ubiquitin-protein ligase
ICP0;polypeptide_domain=InterPro:IPR001841,IPR013083,IPR017907
Pfam:PF13639
SM_V9_ZSR       Liftoff exon    20173225        20173536        .
        +       .       Parent=Smp_080520.1
SM_V9_ZSR       Liftoff exon    20177523        20178505        .
        +       .       Parent=Smp_080520.1
SM_V9_ZSR       Liftoff exon    20180922        20181062        .
        +       .       Parent=Smp_080520.1
SM_V9_ZSR       Liftoff exon    20185783        20189419        .
        +       .       Parent=Smp_080520.1
SM_V9_ZSR       Liftoff CDS     20173273        20173536        .
        +       0       Parent=Smp_080520.1
SM_V9_ZSR       Liftoff CDS     20177523        20178505        .
        +       0       Parent=Smp_080520.1
SM_V9_ZSR       Liftoff CDS     20180922        20181062        .
        +       1       Parent=Smp_080520.1
SM_V9_ZSR       Liftoff CDS     20185783        20189020        .
        +       1       Parent=Smp_080520.1
SM_V9_ZSR       iris    gene    20192456        20196591        .
        -       .
ID=Smp_080530;geneID=Smp_080530;gene_name=Smp_080530;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20192456        20196591        .
        -       .
ID=Smp_080530.1;Parent=Smp_080530;geneID=Smp_080530;gene_name=Smp_08
0530;owner=irisadmin@local.host;orig_id=Smp_080530.1;date_last_modif
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ied=2022-07-20;Name=Smp_080530.1;product=Replication protein A 32
kDa subunit;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20192456        20192746        .
        -       .
Parent=Smp_080530.1;Name=a3d52319-263e-41b4-8452-a79d98554b83
SM_V9_ZSR       iris    exon    20194216        20194499        .
        -       .       Parent=Smp_080530.1;Name=f6085d14-f37c-422d-
b938-5773227b99ac
SM_V9_ZSR       iris    exon    20196007        20196231        .
        -       .
Parent=Smp_080530.1;Name=270e7a40-613c-434c-8b2e-8f1db0fa03e7
SM_V9_ZSR       iris    exon    20196267        20196374        .
        -       .       Parent=Smp_080530.1;Name=7e359d89-5f1b-45a9-
bdf4-12f8402f16ee
SM_V9_ZSR       iris    exon    20196419        20196498        .
        -       .       Parent=Smp_080530.1;Name=7b772f60-a644-46e7-
a2f5-1b89e3b056c7
SM_V9_ZSR       iris    exon    20196535        20196591        .
        -       .       Parent=Smp_080530.1;Name=9cae7219-c093-49aa-
ac97-dfaff2a6ce55
SM_V9_ZSR       iris    CDS     20192665        20192746        .
        -       1       Parent=Smp_080530.1
SM_V9_ZSR       iris    CDS     20194216        20194499        .
        -       0       Parent=Smp_080530.1
SM_V9_ZSR       iris    CDS     20196007        20196231        .
        -       0       Parent=Smp_080530.1
SM_V9_ZSR       iris    CDS     20196267        20196374        .
        -       0       Parent=Smp_080530.1
SM_V9_ZSR       iris    CDS     20196419        20196498        .
        -       2       Parent=Smp_080530.1
SM_V9_ZSR       iris    CDS     20196535        20196550        .
        -       0       Parent=Smp_080530.1
SM_V9_ZSR       Liftoff gene    20220776        20238841        .
        -       .       ID=Smp_165550;geneID=Smp_165550
SM_V9_ZSR       Liftoff mRNA    20220776        20238841        .
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Pfam:PF00004,PF01434;Ontology_term=GO:0004222,GO:0005524,GO:0006508,
GO:0016020
SM_V9_ZSR       Liftoff exon    20220776        20221007        .
        -       .       Parent=Smp_165550.1
SM_V9_ZSR       Liftoff exon    20223462        20223573        .
        -       .       Parent=Smp_165550.1
SM_V9_ZSR       Liftoff exon    20223680        20224171        .
        -       .       Parent=Smp_165550.1
SM_V9_ZSR       Liftoff exon    20226004        20226216        .
        -       .       Parent=Smp_165550.1
SM_V9_ZSR       Liftoff exon    20227967        20228112        .
        -       .       Parent=Smp_165550.1
SM_V9_ZSR       Liftoff exon    20229789        20230062        .
        -       .       Parent=Smp_165550.1
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SM_V9_ZSR	Liftoff	exon	20231600	20231800	.
	-	.	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	exon	20231911	20232001	.
	-	.	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	exon	20234163	20234390	.
	-	.	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	exon	20237287	20237464	.
	-	.	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	exon	20237508	20237655	.
	-	.	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	exon	20238767	20238841	.
	-	.	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20220925	20221007	.
	-	2	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20223462	20223573	.
	-	0	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20223680	20224171	.
	-	0	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20226004	20226216	.
	-	0	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20227967	20228112	.
	-	2	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20229789	20230062	.
	-	0	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20231600	20231800	.
	-	0	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20231911	20232001	.
	-	1	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20234163	20234390	.
	-	1	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20237287	20237464	.
	-	2	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20237508	20237655	.
	-	0	Parent=Smp_165550.1
SM_V9_ZSR	Liftoff	CDS	20238767	20238802	.
	-	0	Parent=Smp_165550.1
SM_V9_ZSR	iris	gene	20259807	20269390	.
	-	.
ID=Smp_080550;geneID=Smp_080550;gene_name=Smp_080550;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	20259807	20269390	.
	-	.
ID=Smp_080550.1;Parent=Smp_080550;geneID=Smp_080550;gene_name=Smp_08
0550;owner=irisadmin@local.host;orig_id=Smp_080550.1;date_last_modif
ied=2022-07-20;Name=Smp_080550.1;product=Developmentally-regulated
GTP-binding protein 2;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	20259807	20259983	.
	-	.	Parent=Smp_080550.1;Name=e38da9a0-f78e-4fde-
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SM_V9_ZSR	iris	exon	20260470	20260523	.
	-	.	Parent=Smp_080550.1;Name=cd429af3-aa62-41f6-
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SM_V9_ZSR	iris	exon	20261814	20261872	.
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Parent=Smp_080550.1;Name=c9282b44-77c1-43ea-968e-1472992ef303
SM_V9_ZSR       iris    exon    20261921        20262009        .
        -       .       Parent=Smp_080550.1;Name=8258a3be-
eb17-41d2-84a8-6f6f5f80fa2d
SM_V9_ZSR       iris    exon    20262727        20262803        .
        -       .       Parent=Smp_080550.1;Name=337b58c7-6cbb-4bc5-
b06c-6f2dd8e1f035
SM_V9_ZSR       iris    exon    20262843        20262940        .
        -       .       Parent=Smp_080550.1;Name=8168d4ec-b4ae-46ab-
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SM_V9_ZSR       iris    exon    20263646        20263736        .
        -       .       Parent=Smp_080550.1;Name=2cec1cac-fa99-4eb2-
bce3-ee4385d19860
SM_V9_ZSR       iris    exon    20267790        20267862        .
        -       .       Parent=Smp_080550.1;Name=1c88a359-b21f-419a-
ade7-90a3c2725549
SM_V9_ZSR       iris    exon    20268341        20268431        .
        -       .
Parent=Smp_080550.1;Name=a1f5dd0d-4be5-47ee-8453-8df61dfaa6f6
SM_V9_ZSR       iris    exon    20268594        20268654        .
        -       .       Parent=Smp_080550.1;Name=7a7bc4c3-
b4aa-49a5-9d2c-e653de009705
SM_V9_ZSR       iris    exon    20268690        20268779        .
        -       .       Parent=Smp_080550.1;Name=f795553f-
c052-40c3-9b50-415ba939346d
SM_V9_ZSR       iris    exon    20268825        20268896        .
        -       .       Parent=Smp_080550.1;Name=f01a6162-9f9b-4b4e-
acde-40ca02904955
SM_V9_ZSR       iris    exon    20268928        20269013        .
        -       .       Parent=Smp_080550.1;Name=cb619485-f297-499a-
b6c1-3f7690481eda
SM_V9_ZSR       iris    exon    20269053        20269121        .
        -       .
Parent=Smp_080550.1;Name=c1507ba9-35e2-4c30-8b95-eb842e6c865c
SM_V9_ZSR       iris    exon    20269329        20269390        .
        -       .
Parent=Smp_080550.1;Name=71196413-5921-405b-9650-8410ee82a2a5
SM_V9_ZSR       iris    CDS     20259897        20259983        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20260470        20260523        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20261814        20261872        .
        -       2       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20261921        20262009        .
        -       1       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20262727        20262803        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20262843        20262940        .
        -       2       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20263646        20263736        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20267790        20267862        .
        -       1       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20268341        20268431        .
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        -       2       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20268594        20268654        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20268690        20268779        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20268825        20268896        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20268928        20269013        .
        -       2       Parent=Smp_080550.1
SM_V9_ZSR       iris    CDS     20269053        20269116        .
        -       0       Parent=Smp_080550.1
SM_V9_ZSR       Liftoff gene    20279704        20288841        .
        -       .       ID=Smp_080560;geneID=Smp_080560
SM_V9_ZSR       Liftoff mRNA    20279704        20288841        .
        -       .
ID=Smp_080560.1;Parent=Smp_080560;geneID=Smp_080560;product=SKI
family transcriptional corepressor 1 homolog-
B;polypeptide_domain=InterPro:IPR003380,IPR009061,IPR010919,IPR01489
0 Pfam:PF02437,PF08782;Ontology_term=GO:0046332
SM_V9_ZSR       Liftoff exon    20279704        20281031        .
        -       .       Parent=Smp_080560.1
SM_V9_ZSR       Liftoff exon    20283402        20288841        .
        -       .       Parent=Smp_080560.1
SM_V9_ZSR       Liftoff CDS     20279880        20281031        .
        -       0       Parent=Smp_080560.1
SM_V9_ZSR       Liftoff CDS     20283402        20284262        .
        -       0       Parent=Smp_080560.1
SM_V9_ZSR       iris    gene    20306179        20321556        .
        -       .
ID=Smp_165560;geneID=Smp_165560;gene_name=Smp_165560;owner=irisadmin
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5560;owner=irisadmin@local.host;orig_id=Smp_165560.1;date_last_modif
ied=2022-07-20;Name=Smp_165560.1;product=Programmed cell death
protein 2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20306179        20306917        .
        -       .
Parent=Smp_165560.1;Name=7001319f-6bcf-4d85-8bb3-ae8ab4261e56
SM_V9_ZSR       iris    exon    20308657        20308761        .
        -       .
Parent=Smp_165560.1;Name=21badd1d-32ec-4f74-9560-4daf0aed88f1
SM_V9_ZSR       iris    exon    20314174        20314276        .
        -       .
Parent=Smp_165560.1;Name=f8e6fbe3-58cb-4a94-981d-8817de82aa0a
SM_V9_ZSR       iris    exon    20319681        20319874        .
        -       .       Parent=Smp_165560.1;Name=b6c3e017-
d813-4ec1-8700-aecb539ae885
SM_V9_ZSR       iris    exon    20319926        20320100        .
        -       .       Parent=Smp_165560.1;Name=1f6fa9f0-95b9-4213-
ba2f-28debd124cb6
SM_V9_ZSR       iris    exon    20320142        20320290        .
        -       .
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Parent=Smp_165560.1;Name=64ec3673-7848-40c4-9a05-3e4bdd3865f5
SM_V9_ZSR	iris	exon	20320326	20320523	.
	-	.	Parent=Smp_165560.1;Name=3e096701-76f6-4534-
bf5f-41f1f0c89417
SM_V9_ZSR	iris	exon	20321519	20321556	.
	-	.
Parent=Smp_165560.1;Name=b46997d6-4662-410c-90bf-f8d5cdc914b7
SM_V9_ZSR	iris	CDS	20306744	20306917	.
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SM_V9_ZSR	iris	CDS	20308657	20308761	.
	-	0	Parent=Smp_165560.1
SM_V9_ZSR	iris	CDS	20314174	20314276	.
	-	1	Parent=Smp_165560.1
SM_V9_ZSR	iris	CDS	20319681	20319874	.
	-	0	Parent=Smp_165560.1
SM_V9_ZSR	iris	CDS	20319926	20320100	.
	-	1	Parent=Smp_165560.1
SM_V9_ZSR	iris	CDS	20320142	20320290	.
	-	0	Parent=Smp_165560.1
SM_V9_ZSR	iris	CDS	20320326	20320502	.
	-	0	Parent=Smp_165560.1
SM_V9_ZSR	iris	gene	20333134	20380760	.
	+	.
ID=Smp_165580;geneID=Smp_165580;gene_name=Smp_165580;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	20333134	20380760	.
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5580;owner=irisadmin@local.host;orig_id=Smp_165580.1;date_last_modif
ied=2022-07-20;Name=Smp_165580.1;product=TFIIH basal transcription
factor complex helicase XPB subunit;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	20333134	20333223	.
	+	.	Parent=Smp_165580.1;Name=4ed211cd-5f79-486f-
af1d-debc197d924a
SM_V9_ZSR	iris	exon	20347940	20349485	.
	+	.
Parent=Smp_165580.1;Name=49c13f80-19cc-4c72-864f-80af8c1a884c
SM_V9_ZSR	iris	exon	20359663	20359947	.
	+	.	Parent=Smp_165580.1;Name=c20e4506-697c-4d89-
a4cd-388289970382
SM_V9_ZSR	iris	exon	20370264	20370509	.
	+	.	Parent=Smp_165580.1;Name=3b26ea0e-24c7-467a-
aafa-4d3c5ee236e9
SM_V9_ZSR	iris	exon	20375221	20375451	.
	+	.	Parent=Smp_165580.1;Name=37abe593-8698-4086-
a4be-979feb7834e4
SM_V9_ZSR	iris	exon	20376662	20376922	.
	+	.
Parent=Smp_165580.1;Name=63057871-12cd-4824-8b32-279588756785
SM_V9_ZSR	iris	exon	20380325	20380760	.
	+	.	Parent=Smp_165580.1;Name=fa766d81-19bd-46d6-
a93a-441e3057f316
SM_V9_ZSR	iris	CDS	20347980	20349485	.
	+	0	Parent=Smp_165580.1
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SM_V9_ZSR	iris	CDS	20359663	20359947	.
	+	0	Parent=Smp_165580.1
SM_V9_ZSR	iris	CDS	20370264	20370509	.
	+	0	Parent=Smp_165580.1
SM_V9_ZSR	iris	CDS	20375221	20375451	.
	+	0	Parent=Smp_165580.1
SM_V9_ZSR	iris	CDS	20376662	20376922	.
	+	0	Parent=Smp_165580.1
SM_V9_ZSR	iris	CDS	20380325	20380636	.
	+	0	Parent=Smp_165580.1
SM_V9_ZSR	iris	gene	20337950	20340450	.
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ID=Smp_165570;geneID=Smp_165570;gene_name=Smp_165570;owner=irisadmin
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	-	.
ID=Smp_165570.1;Parent=Smp_165570;geneID=Smp_165570;gene_name=Smp_16
5570;owner=irisadmin@local.host;orig_id=Smp_165570.1;date_last_modif
ied=2022-07-20;Name=Smp_165570.1;product=GTP-binding protein drn-1
(Fragment);date_creation=2022-07-20
SM_V9_ZSR	iris	exon	20337950	20340450	.
	-	.	Parent=Smp_165570.1;Name=7cc94892-
c535-4947-8fcd-6858cd4a6770
SM_V9_ZSR	iris	CDS	20339549	20340430	.
	-	0	Parent=Smp_165570.1
SM_V9_ZSR	iris	gene	20395826	20410192	.
	+	.
ID=Smp_180060;geneID=Smp_180060;gene_name=Smp_180060;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	20395826	20410192	.
	+	.
ID=Smp_180060.1;Parent=Smp_180060;geneID=Smp_180060;gene_name=Smp_18
0060;owner=irisadmin@local.host;orig_id=Smp_180060.1;date_last_modif
ied=2022-07-20;Name=Smp_180060.1;product=5-demethoxyubiquinone
hydroxylase, mitochondrial;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	20395826	20396017	.
	+	.	Parent=Smp_180060.1;Name=37f7b0e1-afc2-437d-
a940-20d031794750
SM_V9_ZSR	iris	exon	20396959	20397213	.
	+	.	Parent=Smp_180060.1;Name=3077fa00-7900-4b55-
b07f-800902f05e20
SM_V9_ZSR	iris	exon	20407808	20407876	.
	+	.	Parent=Smp_180060.1;Name=2e92ec1d-89fa-4e34-
be15-e65872e94a34
SM_V9_ZSR	iris	exon	20409590	20410192	.
	+	.
Parent=Smp_180060.1;Name=54a6ba35-6abe-4d48-8e57-90ac7941519b
SM_V9_ZSR	iris	CDS	20395874	20396017	.
	+	0	Parent=Smp_180060.1
SM_V9_ZSR	iris	CDS	20396959	20397213	.
	+	0	Parent=Smp_180060.1
SM_V9_ZSR	iris	CDS	20407808	20407876	.
	+	0	Parent=Smp_180060.1
SM_V9_ZSR	iris	CDS	20409590	20409667	.
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        +       0       Parent=Smp_180060.1
SM_V9_ZSR       Liftoff gene    20414696        20430520        .
        +       .       ID=Smp_103740;geneID=Smp_103740
SM_V9_ZSR       Liftoff mRNA    20414696        20430520        .
        +       .
ID=Smp_103740.1;Parent=Smp_103740;geneID=Smp_103740;product=Calumeni
n-A;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499,PF13833;Ontology_term=GO:0005509
SM_V9_ZSR       Liftoff exon    20414696        20419461        .
        +       .       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff exon    20420990        20421128        .
        +       .       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff exon    20422735        20422894        .
        +       .       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff exon    20426724        20426919        .
        +       .       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff exon    20428934        20429044        .
        +       .       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff exon    20429897        20430520        .
        +       .       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff CDS     20419383        20419461        .
        +       0       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff CDS     20420990        20421128        .
        +       2       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff CDS     20422735        20422894        .
        +       1       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff CDS     20426724        20426919        .
        +       0       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff CDS     20428934        20429044        .
        +       2       Parent=Smp_103740.1
SM_V9_ZSR       Liftoff CDS     20429897        20430057        .
        +       2       Parent=Smp_103740.1
SM_V9_ZSR       iris    gene    20482141        20486332        .
        -       .
ID=Smp_119110;geneID=Smp_119110;gene_name=Smp_119110;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20482141        20486332        .
        -       .
ID=Smp_119110.1;Parent=Smp_119110;geneID=Smp_119110;gene_name=Smp_11
9110;owner=irisadmin@local.host;orig_id=Smp_119110.1;date_last_modif
ied=2022-07-20;Name=Smp_119110.1;product=Hypothetical
protein;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20482141        20486150        .
        -       .
Parent=Smp_119110.1;Name=581d1156-29ce-4500-86da-5ab554a28043
SM_V9_ZSR       iris    exon    20486191        20486332        .
        -       .
Parent=Smp_119110.1;Name=82d9ed1f-4eab-464a-942c-1f72215d6696
SM_V9_ZSR       iris    CDS     20483903        20486134        .
        -       0       Parent=Smp_119110.1
SM_V9_ZSR       iris    gene    20531338        20557452        .
        -       .
ID=Smp_078400;geneID=Smp_078400;gene_name=Smp_078400;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
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SM_V9_ZSR	iris	mRNA	20531338	20557452	.
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ID=Smp_078400.1;Parent=Smp_078400;geneID=Smp_078400;gene_name=Smp_07
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ied=2022-07-20;Name=Smp_078400.1;product=N-acetylgalactosamine
kinase;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	20531338	20531747	.
	-	.
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SM_V9_ZSR	iris	exon	20533206	20533434	.
	-	.
Parent=Smp_078400.1;Name=a27b1400-5d41-448d-8827-c246aa699f22
SM_V9_ZSR	iris	exon	20534828	20535077	.
	-	.
Parent=Smp_078400.1;Name=06b4fc10-84cc-45a3-9641-c6f6ab8e4c3c
SM_V9_ZSR	iris	exon	20537929	20538087	.
	-	.	Parent=Smp_078400.1;Name=cf7071c1-
c003-4603-91fb-7148264bf0a8
SM_V9_ZSR	iris	exon	20538208	20538306	.
	-	.
Parent=Smp_078400.1;Name=f9347bd0-12c1-4039-9e05-180123baf72e
SM_V9_ZSR	iris	exon	20542681	20542827	.
	-	.	Parent=Smp_078400.1;Name=c19ef0da-
aae8-4d61-938d-a59f5ae1330f
SM_V9_ZSR	iris	exon	20543946	20544075	.
	-	.	Parent=Smp_078400.1;Name=cab21c00-
f632-4920-88f6-1177f5f488bf
SM_V9_ZSR	iris	exon	20546764	20546896	.
	-	.	Parent=Smp_078400.1;Name=b3d99b97-
cc0d-448d-861f-0fd2b4d7c378
SM_V9_ZSR	iris	exon	20549118	20549257	.
	-	.
Parent=Smp_078400.1;Name=69764e25-7b26-4994-9111-b51732c3cf34
SM_V9_ZSR	iris	exon	20551881	20552167	.
	-	.	Parent=Smp_078400.1;Name=d6bcfce8-
ddc8-405c-9328-9a184ec67b74
SM_V9_ZSR	iris	exon	20557395	20557452	.
	-	.	Parent=Smp_078400.1;Name=dd174123-
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SM_V9_ZSR	iris	CDS	20531546	20531747	.
	-	1	Parent=Smp_078400.1
SM_V9_ZSR	iris	CDS	20533206	20533434	.
	-	2	Parent=Smp_078400.1
SM_V9_ZSR	iris	CDS	20534828	20535077	.
	-	0	Parent=Smp_078400.1
SM_V9_ZSR	iris	CDS	20537929	20538087	.
	-	0	Parent=Smp_078400.1
SM_V9_ZSR	iris	CDS	20538208	20538306	.
	-	0	Parent=Smp_078400.1
SM_V9_ZSR	iris	CDS	20542681	20542827	.
	-	0	Parent=Smp_078400.1
SM_V9_ZSR	iris	CDS	20543946	20544075	.
	-	1	Parent=Smp_078400.1
SM_V9_ZSR	iris	CDS	20546764	20546896	.
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SM_V9_ZSR       iris    CDS     20549118        20549250        .
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SM_V9_ZSR       Liftoff gene    20560348        20561304        .
        +       .       ID=Smp_322680;geneID=Smp_322680
SM_V9_ZSR       Liftoff mRNA    20560348        20561304        .
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ID=Smp_322680.1;Parent=Smp_322680;geneID=Smp_322680;product=Pre-
mRNA-processing factor
6;polypeptide_domain=InterPro:IPR011990;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    20560348        20560468        .
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SM_V9_ZSR       Liftoff exon    20560969        20561304        .
        +       .       Parent=Smp_322680.1
SM_V9_ZSR       Liftoff CDS     20560367        20560468        .
        +       0       Parent=Smp_322680.1
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SM_V9_ZSR       iris    gene    20565396        20596641        .
        +       .
ID=Smp_245000;geneID=Smp_245000;gene_name=Smp_245000;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20565396        20596641        .
        +       .
ID=Smp_245000.1;Parent=Smp_245000;geneID=Smp_245000;gene_name=Smp_24
5000;owner=irisadmin@local.host;orig_id=Smp_245000.1;date_last_modif
ied=2022-07-20;Name=Smp_245000.1;product=Pre-mRNA-processing factor
6;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20565396        20565468        .
        +       .       Parent=Smp_245000.1;Name=0926ba99-
cddd-4d01-9a05-3fd725fc36b6
SM_V9_ZSR       iris    exon    20567180        20567434        .
        +       .       Parent=Smp_245000.1;Name=8118b290-750a-48f5-
a6c9-17c5c1d7987a
SM_V9_ZSR       iris    exon    20568776        20569120        .
        +       .
Parent=Smp_245000.1;Name=d532fea0-7b81-4631-8184-20781c03307a
SM_V9_ZSR       iris    exon    20569162        20569302        .
        +       .
Parent=Smp_245000.1;Name=547d3a3c-7fd8-4c03-9540-134c5fb895a7
SM_V9_ZSR       iris    exon    20570514        20570720        .
        +       .       Parent=Smp_245000.1;Name=2182a065-64a2-4fd0-
b77a-1dae8af82cc1
SM_V9_ZSR       iris    exon    20572605        20572812        .
        +       .       Parent=Smp_245000.1;Name=53c9f0f5-5311-47e8-
bbef-611e93babb02
SM_V9_ZSR       iris    exon    20583820        20584210        .
        +       .       Parent=Smp_245000.1;Name=d6dcacd1-74a5-488d-
a7a9-cf5cf77285c3
SM_V9_ZSR       iris    exon    20586240        20586431        .
        +       .
Parent=Smp_245000.1;Name=60e96656-5b0f-4710-8eba-fb7a4cc2af79
SM_V9_ZSR       iris    exon    20587345        20587438        .
        +       .       Parent=Smp_245000.1;Name=528fc079-9aff-4d6a-
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a3c2-3080b4961d43
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        +       .       Parent=Smp_245000.1;Name=5370e06e-4ecc-417f-
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SM_V9_ZSR       iris    exon    20593140        20593346        .
        +       .       Parent=Smp_245000.1;Name=8544a7f0-d290-494c-
a536-84285ae4fe7a
SM_V9_ZSR       iris    exon    20595679        20595805        .
        +       .       Parent=Smp_245000.1;Name=865f91fd-5767-46c2-
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SM_V9_ZSR       iris    exon    20596306        20596641        .
        +       .
Parent=Smp_245000.1;Name=744b56f4-0e7d-4fac-9b54-15409cb28846
SM_V9_ZSR       iris    CDS     20567201        20567434        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20568776        20569120        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20569162        20569302        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20570514        20570720        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20572605        20572812        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20583820        20584210        .
        +       2       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20586240        20586431        .
        +       1       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20587345        20587438        .
        +       1       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20589567        20589941        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20591546        20591679        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20593140        20593346        .
        +       1       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20595679        20595805        .
        +       1       Parent=Smp_245000.1
SM_V9_ZSR       iris    CDS     20596306        20596458        .
        +       0       Parent=Smp_245000.1
SM_V9_ZSR       iris    gene    20596647        20606448        .
        -       .
ID=Smp_322690;geneID=Smp_322690;gene_name=Smp_322690;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    20596647        20606448        .
        -       .
ID=Smp_322690.1;Parent=Smp_322690;geneID=Smp_322690;gene_name=Smp_32
2690;owner=irisadmin@local.host;orig_id=Smp_322690.1;date_last_modif
ied=2022-08-20;Name=Smp_322690.1;product=Coiled-coil domain-
containing protein 169;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    20596647        20596780        .
        -       .       Parent=Smp_322690.1;Name=e92ea9ca-
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ba21-4901-914b-ddc770cef835
SM_V9_ZSR       iris    exon    20605616        20605758        .
        -       .
Parent=Smp_322690.1;Name=63a29b03-35cf-4822-9771-f416da4bbec5
SM_V9_ZSR       iris    exon    20605801        20605914        .
        -       .       Parent=Smp_322690.1;Name=51e00b73-d64d-4796-
b1c9-030ff9450e5a
SM_V9_ZSR       iris    exon    20605947        20606029        .
        -       .       Parent=Smp_322690.1;Name=e2ef832f-
e97a-4ccf-8f2f-03f5ceef8c52
SM_V9_ZSR       iris    exon    20606062        20606280        .
        -       .
Parent=Smp_322690.1;Name=895d700c-592a-4428-9306-f0cff46984b3
SM_V9_ZSR       iris    exon    20606311        20606448        .
        -       .       Parent=Smp_322690.1;Name=cce5f0d9-
d9ab-4203-8441-8d21e98f76b7
SM_V9_ZSR       iris    CDS     20596766        20596780        .
        -       0       Parent=Smp_322690.1
SM_V9_ZSR       iris    CDS     20605616        20605758        .
        -       2       Parent=Smp_322690.1
SM_V9_ZSR       iris    CDS     20605801        20605914        .
        -       2       Parent=Smp_322690.1
SM_V9_ZSR       iris    CDS     20605947        20606029        .
        -       1       Parent=Smp_322690.1
SM_V9_ZSR       iris    CDS     20606062        20606135        .
        -       0       Parent=Smp_322690.1
SM_V9_ZSR       iris    gene    20630696        20646568        .
        +       .
ID=Smp_145630;geneID=Smp_145630;gene_name=Smp_145630;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20630696        20646568        .
        +       .
ID=Smp_145630.1;Parent=Smp_145630;geneID=Smp_145630;gene_name=Smp_14
5630;owner=irisadmin@local.host;orig_id=Smp_145630.1;date_last_modif
ied=2022-07-20;Name=Smp_145630.1;product=SS18-like protein
2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20630696        20630811        .
        +       .       Parent=Smp_145630.1;Name=a092dae6-9a99-4967-
adfd-0e8e65f07e41
SM_V9_ZSR       iris    exon    20636609        20636700        .
        +       .       Parent=Smp_145630.1;Name=6ededb64-d183-4bbe-
b787-c97408a4ceaf
SM_V9_ZSR       iris    exon    20637506        20638043        .
        +       .
Parent=Smp_145630.1;Name=0e9c2a12-5a58-4a3a-869b-4720578a8916
SM_V9_ZSR       iris    exon    20639124        20639183        .
        +       .       Parent=Smp_145630.1;Name=4beede75-0cf5-45fd-
a5f5-5cf51a2bf442
SM_V9_ZSR       iris    exon    20645750        20646568        .
        +       .       Parent=Smp_145630.1;Name=f85d0c8a-1e38-4c18-
bf79-37bf8a8e0406
SM_V9_ZSR       iris    CDS     20636644        20636700        .
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SM_V9_ZSR       iris    CDS     20637506        20638043        .
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        +       0       Parent=Smp_145630.1
SM_V9_ZSR       iris    CDS     20639124        20639164        .
        +       2       Parent=Smp_145630.1
SM_V9_ZSR       iris    gene    20650617        20672582        .
        -       .
ID=Smp_145650;geneID=Smp_145650;gene_name=Smp_145650;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20650617        20672582        .
        -       .
ID=Smp_145650.1;Parent=Smp_145650;geneID=Smp_145650;gene_name=Smp_14
5650;owner=irisadmin@local.host;orig_id=Smp_145650.1;date_last_modif
ied=2022-07-20;Name=Smp_145650.1;product=Forkhead box protein
K2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20650617        20651372        .
        -       .       Parent=Smp_145650.1;Name=d04c3767-7af1-4385-
b745-2ac41305317a
SM_V9_ZSR       iris    exon    20652240        20652681        .
        -       .       Parent=Smp_145650.1;Name=e90840f6-c83f-44f8-
a6bf-75b23dfcdaa0
SM_V9_ZSR       iris    exon    20655949        20656375        .
        -       .       Parent=Smp_145650.1;Name=c2148838-da6b-4793-
ba8d-6d623ab513e7
SM_V9_ZSR       iris    exon    20664096        20664455        .
        -       .
Parent=Smp_145650.1;Name=521491ee-1927-48d3-8ca9-b2ccb736cd3b
SM_V9_ZSR       iris    exon    20670125        20670513        .
        -       .       Parent=Smp_145650.1;Name=2a9c5f53-af7f-41d6-
a628-352a74b9a407
SM_V9_ZSR       iris    exon    20672537        20672582        .
        -       .
Parent=Smp_145650.1;Name=0493adeb-0c64-46fd-813f-9e318600bec6
SM_V9_ZSR       iris    CDS     20651164        20651372        .
        -       2       Parent=Smp_145650.1
SM_V9_ZSR       iris    CDS     20652240        20652681        .
        -       0       Parent=Smp_145650.1
SM_V9_ZSR       iris    CDS     20655949        20656375        .
        -       1       Parent=Smp_145650.1
SM_V9_ZSR       iris    CDS     20664096        20664455        .
        -       1       Parent=Smp_145650.1
SM_V9_ZSR       iris    CDS     20670125        20670381        .
        -       0       Parent=Smp_145650.1
SM_V9_ZSR       Liftoff gene    20688476        20692428        .
        +       .       ID=Smp_145640;geneID=Smp_145640
SM_V9_ZSR       Liftoff mRNA    20688476        20692428        .
        +       .
ID=Smp_145640.1;Parent=Smp_145640;geneID=Smp_145640;product=Coiled-
coil domain-containing protein
169;polypeptide_domain=InterPro:IPR028022 Pfam:PF15372
SM_V9_ZSR       Liftoff exon    20688476        20689026        .
        +       .       Parent=Smp_145640.1
SM_V9_ZSR       Liftoff exon    20689059        20689141        .
        +       .       Parent=Smp_145640.1
SM_V9_ZSR       Liftoff exon    20689174        20689287        .
        +       .       Parent=Smp_145640.1
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SM_V9_ZSR	Liftoff	exon	20689330	20689472	.
	+	.	Parent=Smp_145640.1
SM_V9_ZSR	Liftoff	exon	20692132	20692428	.
	+	.	Parent=Smp_145640.1
SM_V9_ZSR	Liftoff	CDS	20688953	20689026	.
	+	0	Parent=Smp_145640.1
SM_V9_ZSR	Liftoff	CDS	20689059	20689141	.
	+	1	Parent=Smp_145640.1
SM_V9_ZSR	Liftoff	CDS	20689174	20689287	.
	+	2	Parent=Smp_145640.1
SM_V9_ZSR	Liftoff	CDS	20689330	20689472	.
	+	2	Parent=Smp_145640.1
SM_V9_ZSR	Liftoff	CDS	20692132	20692269	.
	+	0	Parent=Smp_145640.1
SM_V9_ZSR	iris	gene	20700371	20717705	.
	+	.
ID=Smp_145620;geneID=Smp_145620;gene_name=Smp_145620;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	20700371	20717705	.
	+	.
ID=Smp_145620.1;Parent=Smp_145620;geneID=Smp_145620;gene_name=Smp_14
5620;owner=irisadmin@local.host;orig_id=Smp_145620.1;date_last_modif
ied=2022-07-20;Name=Smp_145620.1;product=PDZ domain-containing RING
finger protein 4;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	20700371	20700449	.
	+	.	Parent=Smp_145620.1;Name=51b03e84-3696-4780-
a01b-0b53eba46502
SM_V9_ZSR	iris	exon	20708917	20709004	.
	+	.	Parent=Smp_145620.1;Name=953d35cb-b1e5-4057-
a080-96bf70a09ed0
SM_V9_ZSR	iris	exon	20709038	20709146	.
	+	.
Parent=Smp_145620.1;Name=d033f098-6e55-476e-89b0-c45e40cea529
SM_V9_ZSR	iris	exon	20714626	20714739	.
	+	.
Parent=Smp_145620.1;Name=5a72564c-52ff-40ea-9d0c-0f020603c05d
SM_V9_ZSR	iris	exon	20717016	20717705	.
	+	.	Parent=Smp_145620.1;Name=38f5a694-bd3c-44da-
b55a-abfe8b90eaff
SM_V9_ZSR	iris	CDS	20708937	20709004	.
	+	0	Parent=Smp_145620.1
SM_V9_ZSR	iris	CDS	20709038	20709146	.
	+	1	Parent=Smp_145620.1
SM_V9_ZSR	iris	CDS	20714626	20714739	.
	+	0	Parent=Smp_145620.1
SM_V9_ZSR	iris	CDS	20717016	20717567	.
	+	0	Parent=Smp_145620.1
SM_V9_ZSR	iris	gene	20724097	20751744	.
	-	.
ID=Smp_043500;geneID=Smp_043500;gene_name=Smp_043500;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR	iris	mRNA	20724097	20751744	.
	-	.
ID=Smp_043500.1;Parent=Smp_043500;geneID=Smp_043500;gene_name=Smp_04
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3500;owner=irisadmin@local.host;orig_id=Smp_043500.1;date_last_modif
ied=2022-09-30;Name=Smp_043500.1;product=Probable ribonuclease
ZC3H12D;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    20724097        20724484        .
        -       .
Parent=Smp_043500.1;Name=ae61a6ec-1c87-4ace-94b8-48d7e5f48c5a
SM_V9_ZSR       iris    exon    20729963        20730070        .
        -       .       Parent=Smp_043500.1;Name=23825f4a-b5c0-413e-
a7ec-84d6b2b3837b
SM_V9_ZSR       iris    exon    20731272        20731484        .
        -       .       Parent=Smp_043500.1;Name=a19fb346-a0de-427b-
bfba-56389e097763
SM_V9_ZSR       iris    exon    20734687        20734801        .
        -       .       Parent=Smp_043500.1;Name=ebf33ad7-
b83c-49fe-89a6-a0d0193d552a
SM_V9_ZSR       iris    exon    20741996        20742473        .
        -       .       Parent=Smp_043500.1;Name=11ac4c43-
af6a-4376-8055-fea1a4b83d73
SM_V9_ZSR       iris    exon    20742520        20742695        .
        -       .       Parent=Smp_043500.1;Name=46980c03-cc04-4b83-
a29d-2cdbe192e356
SM_V9_ZSR       iris    exon    20751649        20751744        .
        -       .
Parent=Smp_043500.1;Name=5dc5b2d6-0510-4ba0-9de2-fd9cfd4f9fe4
SM_V9_ZSR       iris    CDS     20724370        20724484        .
        -       1       Parent=Smp_043500.1
SM_V9_ZSR       iris    CDS     20729963        20730070        .
        -       1       Parent=Smp_043500.1
SM_V9_ZSR       iris    CDS     20731272        20731484        .
        -       1       Parent=Smp_043500.1
SM_V9_ZSR       iris    CDS     20734687        20734801        .
        -       2       Parent=Smp_043500.1
SM_V9_ZSR       iris    CDS     20741996        20742473        .
        -       0       Parent=Smp_043500.1
SM_V9_ZSR       iris    CDS     20742520        20742666        .
        -       0       Parent=Smp_043500.1
SM_V9_ZSR       iris    mRNA    20724097        20751744        .
        -       .
ID=Smp_043500.2;Parent=Smp_043500;geneID=Smp_043500;gene_name=Smp_04
3500;owner=irisadmin@local.host;date_last_modified=2022-09-30;Name=S
mp_043500.2;date_creation=2022-09-30
SM_V9_ZSR       iris    exon    20724097        20724484        .
        -       .       Parent=Smp_043500.2;Name=9bd96f4c-d3d6-4e54-
a791-95ca2d13c85c
SM_V9_ZSR       iris    exon    20729963        20730070        .
        -       .       Parent=Smp_043500.2;Name=68676c95-ef37-431e-
ae85-fac31e756dec
SM_V9_ZSR       iris    exon    20731272        20731484        .
        -       .       Parent=Smp_043500.2;Name=c3309be4-
d783-4f79-8eb2-90b10912f991
SM_V9_ZSR       iris    exon    20734687        20734801        .
        -       .
Parent=Smp_043500.2;Name=7e966b4e-78fd-4639-9bf9-7ed6a74f770e
SM_V9_ZSR       iris    exon    20741996        20742473        .
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        -       .       Parent=Smp_043500.2;Name=d72c3594-adf5-4ea9-
a803-6b4d7d5f0c35
SM_V9_ZSR       iris    exon    20742520        20742695        .
        -       .       Parent=Smp_043500.2;Name=40a62b83-
b879-4da8-8d4e-a38f872e3eea
SM_V9_ZSR       iris    exon    20750646        20750786        .
        -       .       Parent=Smp_043500.2;Name=3fac6c23-
ba05-4f88-9a10-2522fb0a31f5
SM_V9_ZSR       iris    exon    20751649        20751744        .
        -       .       Parent=Smp_043500.2;Name=6b879988-c923-4b93-
ad16-7a336dbdb2fa
SM_V9_ZSR       iris    CDS     20724370        20724484        .
        -       1       Parent=Smp_043500.2
SM_V9_ZSR       iris    CDS     20729963        20730070        .
        -       1       Parent=Smp_043500.2
SM_V9_ZSR       iris    CDS     20731272        20731484        .
        -       1       Parent=Smp_043500.2
SM_V9_ZSR       iris    CDS     20734687        20734801        .
        -       2       Parent=Smp_043500.2
SM_V9_ZSR       iris    CDS     20741996        20742473        .
        -       0       Parent=Smp_043500.2
SM_V9_ZSR       iris    CDS     20742520        20742666        .
        -       0       Parent=Smp_043500.2
SM_V9_ZSR       iris    gene    20764504        20793204        .
        +       .
ID=Smp_145610;geneID=Smp_145610;gene_name=Smp_145610;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20764504        20793204        .
        +       .
ID=Smp_145610.1;Parent=Smp_145610;geneID=Smp_145610;gene_name=Smp_14
5610;owner=irisadmin@local.host;orig_id=Smp_145610.1;date_last_modif
ied=2022-07-20;Name=Smp_145610.1;product=WD and tetratricopeptide
repeats protein 1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20764504        20764616        .
        +       .
Parent=Smp_145610.1;Name=99f9e52c-4b34-442a-83fa-daad558862c0
SM_V9_ZSR       iris    exon    20770900        20770983        .
        +       .       Parent=Smp_145610.1;Name=c02cac55-
e539-4b8e-97a6-840b343553cd
SM_V9_ZSR       iris    exon    20771017        20771193        .
        +       .       Parent=Smp_145610.1;Name=a0b704a6-e8c5-4f46-
a32b-a009b1a911ac
SM_V9_ZSR       iris    exon    20771249        20771446        .
        +       .       Parent=Smp_145610.1;Name=97675e8b-f63a-482d-
aa1f-abe61d41a9ac
SM_V9_ZSR       iris    exon    20772621        20772820        .
        +       .       Parent=Smp_145610.1;Name=b25c1e96-2e6e-49b4-
ae27-34a35b85f7bc
SM_V9_ZSR       iris    exon    20778308        20778396        .
        +       .       Parent=Smp_145610.1;Name=4d2303af-531c-4120-
a590-b736713cf0b2
SM_V9_ZSR       iris    exon    20779448        20779738        .
        +       .
Parent=Smp_145610.1;Name=a5398868-7821-454e-90fc-50db87d12188
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SM_V9_ZSR	iris	exon	20780047	20780233	.
	+	.	Parent=Smp_145610.1;Name=063dda26-dd0c-43fa-
bbcf-673dab44d2e3
SM_V9_ZSR	iris	exon	20781368	20781990	.
	+	.
Parent=Smp_145610.1;Name=5bc171e0-99e2-48fd-81c2-0907c662f7df
SM_V9_ZSR	iris	exon	20783352	20783565	.
	+	.	Parent=Smp_145610.1;Name=b7399a82-
a1f3-423e-92b9-7f2fa4c2b316
SM_V9_ZSR	iris	exon	20785524	20785716	.
	+	.
Parent=Smp_145610.1;Name=1a9f09cf-6ae9-4df8-8fb8-63fc632b6157
SM_V9_ZSR	iris	exon	20789497	20790401	.
	+	.
Parent=Smp_145610.1;Name=11c53cfb-7939-4dee-9f24-9b7ff48fde6f
SM_V9_ZSR	iris	exon	20792701	20793204	.
	+	.	Parent=Smp_145610.1;Name=78002e1b-
c558-4e42-95e1-41b4513e86ac
SM_V9_ZSR	iris	CDS	20764569	20764616	.
	+	0	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20770900	20770983	.
	+	0	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20771017	20771193	.
	+	0	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20771249	20771446	.
	+	0	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20772621	20772820	.
	+	0	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20778308	20778396	.
	+	1	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20779448	20779738	.
	+	2	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20780047	20780233	.
	+	2	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20781368	20781990	.
	+	1	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20783352	20783565	.
	+	2	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20785524	20785716	.
	+	1	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20789497	20790401	.
	+	0	Parent=Smp_145610.1
SM_V9_ZSR	iris	CDS	20792701	20792710	.
	+	1	Parent=Smp_145610.1
SM_V9_ZSR	iris	gene	20820713	20830666	.
	-	.
ID=Smp_145600;geneID=Smp_145600;gene_name=Smp_145600;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	20820713	20830666	.
	-	.
ID=Smp_145600.1;Parent=Smp_145600;geneID=Smp_145600;gene_name=Smp_14
5600;owner=irisadmin@local.host;orig_id=Smp_145600.2;date_last_modif
ied=2022-07-20;Name=Smp_145600.1;product=Non-canonical poly(A) RNA
polymerase PAPD5;date_creation=2022-07-20
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SM_V9_ZSR       iris    exon    20820713        20821735        .
        -       .       Parent=Smp_145600.1;Name=e1611404-019a-434f-
b251-580981a14052
SM_V9_ZSR       iris    exon    20822369        20822907        .
        -       .       Parent=Smp_145600.1;Name=e19931d8-
ca81-41fb-9780-d67c817f6af5
SM_V9_ZSR       iris    exon    20824569        20824726        .
        -       .       Parent=Smp_145600.1;Name=94b559d2-99ae-4db9-
b4d2-a90a28e7315c
SM_V9_ZSR       iris    exon    20829009        20829222        .
        -       .       Parent=Smp_145600.1;Name=1440869e-9a93-4cf1-
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SM_V9_ZSR       iris    exon    20829737        20829973        .
        -       .       Parent=Smp_145600.1;Name=773cbc43-a217-4d6e-
ac6e-9aca6e73a4d6
SM_V9_ZSR       iris    exon    20830012        20830126        .
        -       .
Parent=Smp_145600.1;Name=10ede6e6-5d35-4a67-9fd0-1bce88308120
SM_V9_ZSR       iris    exon    20830160        20830206        .
        -       .       Parent=Smp_145600.1;Name=2602e712-
a179-4a37-929a-527dbe91a3ef
SM_V9_ZSR       iris    exon    20830242        20830365        .
        -       .
Parent=Smp_145600.1;Name=27b5eff1-7ab9-4118-98a2-7474473f490d
SM_V9_ZSR       iris    exon    20830395        20830666        .
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SM_V9_ZSR       iris    CDS     20821279        20821735        .
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SM_V9_ZSR       iris    CDS     20822369        20822907        .
        -       0       Parent=Smp_145600.1
SM_V9_ZSR       iris    CDS     20824569        20824726        .
        -       2       Parent=Smp_145600.1
SM_V9_ZSR       iris    CDS     20829009        20829222        .
        -       0       Parent=Smp_145600.1
SM_V9_ZSR       iris    CDS     20829737        20829973        .
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SM_V9_ZSR       iris    CDS     20830012        20830126        .
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SM_V9_ZSR       iris    CDS     20830160        20830206        .
        -       0       Parent=Smp_145600.1
SM_V9_ZSR       iris    CDS     20830242        20830365        .
        -       1       Parent=Smp_145600.1
SM_V9_ZSR       iris    CDS     20830395        20830558        .
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SM_V9_ZSR       iris    gene    20867228        20883004        .
        -       .
ID=Smp_244900;geneID=Smp_244900;gene_name=Smp_244900;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20867228        20883004        .
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ID=Smp_244900.1;Parent=Smp_244900;geneID=Smp_244900;gene_name=Smp_24
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n=2022-07-20
SM_V9_ZSR       iris    exon    20867228        20867747        .
        -       .       Parent=Smp_244900.1;Name=a639f1ab-bb00-4f1f-
beb8-69fcd6996ffd
SM_V9_ZSR       iris    exon    20877645        20877793        .
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cc85-4117-92aa-2b82e698caa8
SM_V9_ZSR       iris    exon    20882595        20882814        .
        -       .       Parent=Smp_244900.1;Name=c3a62db6-4aba-4aca-
b520-4917752c763e
SM_V9_ZSR       iris    exon    20882854        20883004        .
        -       .
Parent=Smp_244900.1;Name=636a7095-4e8c-40be-8eb9-b0e1ba25b78d
SM_V9_ZSR       iris    CDS     20867487        20867747        .
        -       0       Parent=Smp_244900.1
SM_V9_ZSR       iris    CDS     20877645        20877793        .
        -       2       Parent=Smp_244900.1
SM_V9_ZSR       iris    CDS     20882595        20882814        .
        -       0       Parent=Smp_244900.1
SM_V9_ZSR       iris    CDS     20882854        20882946        .
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SM_V9_ZSR       iris    gene    20886700        20903055        .
        +       .
ID=Smp_343860;geneID=Smp_343860;gene_name=Smp_343860;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20886700        20903055        .
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ID=Smp_343860.1;Parent=Smp_343860;geneID=Smp_343860;gene_name=Smp_34
3860;owner=irisadmin@local.host;orig_id=Smp_343860.1;date_last_modif
ied=2022-07-20;Name=Smp_343860.1;product=Endonuclease/exonuclease/
phosphatase family domain-containing protein
1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20886700        20886732        .
        +       .       Parent=Smp_343860.1;Name=a0ebb063-9a88-4a65-
acfe-4e4e037f0921
SM_V9_ZSR       iris    exon    20888394        20888498        .
        +       .       Parent=Smp_343860.1;Name=a365f1f8-9445-4095-
bd75-2b019b7e0a4c
SM_V9_ZSR       iris    exon    20894542        20894672        .
        +       .       Parent=Smp_343860.1;Name=445f0673-
ad33-456b-8c5a-673ba11144a1
SM_V9_ZSR       iris    exon    20894767        20895184        .
        +       .       Parent=Smp_343860.1;Name=0c86e11c-326e-415e-
bd7d-e6758ed0d854
SM_V9_ZSR       iris    exon    20896258        20896524        .
        +       .       Parent=Smp_343860.1;Name=3116ad3d-fda0-478f-
bb53-1f9bbacf6ac1
SM_V9_ZSR       iris    exon    20897701        20897836        .
        +       .       Parent=Smp_343860.1;Name=d69ada4e-2f18-4b47-
b570-25fff9994cf1
SM_V9_ZSR       iris    exon    20898880        20898933        .
        +       .
Parent=Smp_343860.1;Name=30d57239-0711-451b-8b24-c9e3e77e1197
SM_V9_ZSR       iris    exon    20902674        20903055        .
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        +       .       Parent=Smp_343860.1;Name=8d0151c7-4f22-4493-
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SM_V9_ZSR       iris    CDS     20888394        20888498        .
        +       0       Parent=Smp_343860.1
SM_V9_ZSR       iris    CDS     20894542        20894672        .
        +       0       Parent=Smp_343860.1
SM_V9_ZSR       iris    CDS     20894767        20895184        .
        +       1       Parent=Smp_343860.1
SM_V9_ZSR       iris    CDS     20896258        20896524        .
        +       0       Parent=Smp_343860.1
SM_V9_ZSR       iris    CDS     20897701        20897836        .
        +       0       Parent=Smp_343860.1
SM_V9_ZSR       iris    CDS     20898880        20898933        .
        +       2       Parent=Smp_343860.1
SM_V9_ZSR       iris    CDS     20902674        20902960        .
        +       2       Parent=Smp_343860.1
SM_V9_ZSR       Liftoff gene    20903026        20912520        .
        -       .
ID=Smp_145580;geneID=Smp_145580;previous_systematic_id=Smp_043430
SM_V9_ZSR       Liftoff mRNA    20903026        20912520        .
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ID=Smp_145580.1;Parent=Smp_145580;geneID=Smp_145580;product=Synapton
emal complex protein 1;polypeptide_domain=InterPro:IPR008827
Pfam:PF05483;Ontology_term=GO:0000795,GO:0007130
SM_V9_ZSR       Liftoff exon    20903026        20903187        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20903588        20904127        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20904166        20904237        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20907095        20907169        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20907205        20907579        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20909462        20909579        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20909616        20909698        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20909735        20909839        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20909876        20909992        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20910035        20910084        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20910120        20910166        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20910200        20910522        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20910556        20910650        .
        -       .       Parent=Smp_145580.1
SM_V9_ZSR       Liftoff exon    20910684        20910771        .
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SM_V9_ZSR	Liftoff	exon	20910808	20910881	.
	-	.	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	exon	20910916	20911044	.
	-	.	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	exon	20911078	20911151	.
	-	.	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	exon	20911190	20911257	.
	-	.	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	exon	20911292	20911357	.
	-	.	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	exon	20911392	20911479	.
	-	.	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	exon	20911510	20912520	.
	-	.	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20903062	20903187	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20903588	20904127	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20904166	20904237	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20907095	20907169	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20907205	20907579	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20909462	20909579	.
	-	1	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20909616	20909698	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20909735	20909839	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20909876	20909992	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20910035	20910084	.
	-	2	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20910120	20910166	.
	-	1	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20910200	20910522	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20910556	20910650	.
	-	2	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20910684	20910771	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20910808	20910881	.
	-	2	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20910916	20911044	.
	-	2	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20911078	20911151	.
	-	1	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20911190	20911257	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20911292	20911357	.
	-	0	Parent=Smp_145580.1
SM_V9_ZSR	Liftoff	CDS	20911392	20911479	.
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SM_V9_ZSR       Liftoff CDS     20911510        20912189        .
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SM_V9_ZSR       iris    gene    20916714        20922757        .
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ID=Smp_100350;geneID=Smp_100350;gene_name=Smp_100350;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    20916714        20922757        .
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ID=Smp_100350.1;Parent=Smp_100350;geneID=Smp_100350;gene_name=Smp_10
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ied=2022-07-20;Name=Smp_100350.1;product=Uncharacterized protein
C7orf57;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20916714        20916874        .
        +       .       Parent=Smp_100350.1;Name=e3eccb9c-5bf3-4ef4-
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SM_V9_ZSR       iris    exon    20922137        20922757        .
        +       .       Parent=Smp_100350.1;Name=e0068714-b281-44f9-
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SM_V9_ZSR       iris    CDS     20922160        20922606        .
        +       0       Parent=Smp_100350.1
SM_V9_ZSR       iris    gene    20925537        20949841        .
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ID=Smp_145560;geneID=Smp_145560;gene_name=Smp_145560;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    20925537        20949841        .
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ID=Smp_145560.1;Parent=Smp_145560;geneID=Smp_145560;gene_name=Smp_14
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antiporter;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20925537        20926213        .
        -       .       Parent=Smp_145560.1;Name=1060731a-
b52e-46d4-8700-9c472cfeaa7d
SM_V9_ZSR       iris    exon    20928254        20928353        .
        -       .       Parent=Smp_145560.1;Name=b8c8f7ff-d25d-4025-
a56e-08d614d08db8
SM_V9_ZSR       iris    exon    20930774        20930995        .
        -       .       Parent=Smp_145560.1;Name=2cdbbcfe-
aadb-45b6-87a0-fdfafba41cf4
SM_V9_ZSR       iris    exon    20936272        20936394        .
        -       .       Parent=Smp_145560.1;Name=fef5d1bd-82fc-4d68-
bce1-fa36c8fb41f5
SM_V9_ZSR       iris    exon    20937943        20938054        .
        -       .       Parent=Smp_145560.1;Name=939eb56f-a27e-429e-
a10d-13d9cc4b5210
SM_V9_ZSR       iris    exon    20940992        20941014        .
        -       .       Parent=Smp_145560.1;Name=0af1dd85-d8ce-4ba7-
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SM_V9_ZSR       iris    exon    20941958        20941993        .
        -       .       Parent=Smp_145560.1;Name=d895a406-f9a4-4f33-
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SM_V9_ZSR       iris    exon    20942389        20942503        .
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Parent=Smp_145560.1;Name=39bc5a01-3810-4f24-8668-e8204c4df503
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SM_V9_ZSR       iris    exon    20943515        20943645        .
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Parent=Smp_145560.1;Name=50255b8b-474f-4c60-9610-3c1b5e658379
SM_V9_ZSR       iris    exon    20949463        20949646        .
        -       .       Parent=Smp_145560.1;Name=b74e7e5e-
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SM_V9_ZSR       iris    exon    20949700        20949841        .
        -       .       Parent=Smp_145560.1;Name=233775d0-f287-451d-
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SM_V9_ZSR       iris    CDS     20926128        20926213        .
        -       2       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20928254        20928353        .
        -       0       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20930774        20930995        .
        -       0       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20936272        20936394        .
        -       0       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20937943        20938054        .
        -       1       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20940992        20941014        .
        -       0       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20941958        20941993        .
        -       0       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20942389        20942503        .
        -       1       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20943515        20943645        .
        -       0       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20945780        20945906        .
        -       1       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20949463        20949646        .
        -       2       Parent=Smp_145560.1
SM_V9_ZSR       iris    CDS     20949700        20949790        .
        -       0       Parent=Smp_145560.1
SM_V9_ZSR       iris    gene    20959863        20978840        .
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ID=Smp_043390;geneID=Smp_043390;gene_name=Smp_043390;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    20959863        20978840        .
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ID=Smp_043390.1;Parent=Smp_043390;geneID=Smp_043390;gene_name=Smp_04
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7;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20959863        20961611        .
        -       .
Parent=Smp_043390.1;Name=51ac8af3-0d93-4a48-89ea-799e78945780
SM_V9_ZSR       iris    exon    20963576        20964067        .
        -       .       Parent=Smp_043390.1;Name=c84e1b3a-73f2-40cc-
a51f-f218a5cf99c4
SM_V9_ZSR       iris    exon    20965290        20965621        .
        -       .
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Parent=Smp_043390.1;Name=e494c5fb-66c9-4be3-9d5f-687e47a343d5
SM_V9_ZSR       iris    exon    20966473        20966701        .
        -       .       Parent=Smp_043390.1;Name=4b5a16fd-
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SM_V9_ZSR       iris    exon    20971977        20972266        .
        -       .       Parent=Smp_043390.1;Name=f0c50c34-4094-459d-
af11-a3e776ad2592
SM_V9_ZSR       iris    exon    20972893        20973184        .
        -       .       Parent=Smp_043390.1;Name=17578adc-c320-495a-
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SM_V9_ZSR       iris    exon    20974470        20974640        .
        -       .       Parent=Smp_043390.1;Name=9862acf5-
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SM_V9_ZSR       iris    exon    20976400        20976772        .
        -       .
Parent=Smp_043390.1;Name=e85a818b-538c-4838-92fa-c6d521648811
SM_V9_ZSR       iris    exon    20978719        20978840        .
        -       .
Parent=Smp_043390.1;Name=9559ee91-939d-43ae-83b1-6ffe6621fbe0
SM_V9_ZSR       iris    CDS     20961279        20961611        .
        -       0       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20963576        20964067        .
        -       0       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20965290        20965621        .
        -       2       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20966473        20966701        .
        -       0       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20971977        20972266        .
        -       2       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20972893        20973184        .
        -       0       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20974470        20974640        .
        -       0       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20976400        20976772        .
        -       1       Parent=Smp_043390.1
SM_V9_ZSR       iris    CDS     20978719        20978744        .
        -       0       Parent=Smp_043390.1
SM_V9_ZSR       iris    gene    20982105        20993685        .
        -       .
ID=Smp_145550;geneID=Smp_145550;gene_name=Smp_145550;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    20982105        20993685        .
        -       .
ID=Smp_145550.1;Parent=Smp_145550;geneID=Smp_145550;gene_name=Smp_14
5550;owner=irisadmin@local.host;orig_id=Smp_145550.1;date_last_modif
ied=2022-07-20;Name=Smp_145550.1;product=Sister chromatid cohesion
protein DCC1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    20982105        20983105        .
        -       .       Parent=Smp_145550.1;Name=a51884f4-b89d-4356-
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SM_V9_ZSR       iris    exon    20984358        20985017        .
        -       .       Parent=Smp_145550.1;Name=cb5bbdf2-779a-401c-
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        -       .       Parent=Smp_145550.1;Name=c7a8dc0c-0551-4010-
a385-4060be6e16d4
SM_V9_ZSR       iris    CDS     20982284        20983105        .
        -       0       Parent=Smp_145550.1
SM_V9_ZSR       iris    CDS     20984358        20984999        .
        -       0       Parent=Smp_145550.1
SM_V9_ZSR       iris    gene    21000464        21038307        .
        +       .
ID=Smp_322700;geneID=Smp_322700;gene_name=Smp_322700;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    21000464        21038307        .
        +       .
ID=Smp_322700.2;Parent=Smp_322700;geneID=Smp_322700;gene_name=Smp_32
2700;owner=irisadmin@local.host;orig_id=Smp_322700.1;date_last_modif
ied=2022-07-20;Name=Smp_322700.2;product=DNA excision repair protein
ERCC-8;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    21000464        21000687        .
        +       .       Parent=Smp_322700.2;Name=567b6600-2425-4f43-
a093-2e826262ee7f
SM_V9_ZSR       iris    exon    21009135        21009378        .
        +       .       Parent=Smp_322700.2;Name=d5ada19d-2b2b-48d9-
b1a7-979ec7bbc4fc
SM_V9_ZSR       iris    exon    21014961        21015202        .
        +       .       Parent=Smp_322700.2;Name=d25352ce-2d9b-4e81-
b0b2-1188c20a1e83
SM_V9_ZSR       iris    exon    21027064        21027170        .
        +       .       Parent=Smp_322700.2;Name=24f9f01d-7a2c-4fdf-
a2b6-d5e1c6ece3b9
SM_V9_ZSR       iris    exon    21036853        21037295        .
        +       .       Parent=Smp_322700.2;Name=ed63e346-89de-45cb-
a007-b704b4f9196f
SM_V9_ZSR       iris    exon    21038139        21038307        .
        +       .
Parent=Smp_322700.2;Name=9c644d55-69e2-415c-8932-646706dd2acc
SM_V9_ZSR       iris    CDS     21000530        21000687        .
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SM_V9_ZSR       iris    CDS     21009135        21009378        .
        +       1       Parent=Smp_322700.2
SM_V9_ZSR       iris    CDS     21014961        21015202        .
        +       0       Parent=Smp_322700.2
SM_V9_ZSR       iris    CDS     21027064        21027170        .
        +       1       Parent=Smp_322700.2
SM_V9_ZSR       iris    CDS     21036853        21037295        .
        +       2       Parent=Smp_322700.2
SM_V9_ZSR       iris    CDS     21038139        21038264        .
        +       0       Parent=Smp_322700.2
SM_V9_ZSR       iris    mRNA    21008869        21038307        .
        +       .
ID=Smp_322700.1;Parent=Smp_322700;geneID=Smp_322700;gene_name=Smp_32
2700;owner=irisadmin@local.host;orig_id=Smp_322700.3;date_last_modif
ied=2022-07-20;Name=Smp_322700.1;product=DNA excision repair protein
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ERCC-8;date_creation=2022-07-20
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bb5b-bc4c8d4c6592
SM_V9_ZSR       iris    exon    21014961        21015202        .
        +       .       Parent=Smp_322700.1;Name=9e580b1e-
c230-4ed0-8f14-1ba1d0c3c61c
SM_V9_ZSR       iris    exon    21027064        21027170        .
        +       .
Parent=Smp_322700.1;Name=eaf4f0ae-7997-4bc5-9841-3235e5698788
SM_V9_ZSR       iris    exon    21036853        21037295        .
        +       .       Parent=Smp_322700.1;Name=3e505162-
cb94-4b22-8220-57dd654816b8
SM_V9_ZSR       iris    exon    21038139        21038307        .
        +       .       Parent=Smp_322700.1;Name=d88715d0-
db9f-4da3-9a60-e45d5c635e09
SM_V9_ZSR       iris    CDS     21009265        21009378        .
        +       0       Parent=Smp_322700.1
SM_V9_ZSR       iris    CDS     21014961        21015202        .
        +       0       Parent=Smp_322700.1
SM_V9_ZSR       iris    CDS     21027064        21027170        .
        +       1       Parent=Smp_322700.1
SM_V9_ZSR       iris    CDS     21036853        21037295        .
        +       2       Parent=Smp_322700.1
SM_V9_ZSR       iris    CDS     21038139        21038264        .
        +       0       Parent=Smp_322700.1
SM_V9_ZSR       Liftoff gene    21070764        21073096        .
        +       .       ID=Smp_322710;geneID=Smp_322710
SM_V9_ZSR       Liftoff mRNA    21070764        21073096        .
        +       .
ID=Smp_322710.1;Parent=Smp_322710;geneID=Smp_322710;product=DNA
excision repair protein
ERCC-8;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;Ont
ology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    21070764        21071430        .
        +       .       Parent=Smp_322710.1
SM_V9_ZSR       Liftoff exon    21071527        21071969        .
        +       .       Parent=Smp_322710.1
SM_V9_ZSR       Liftoff exon    21072814        21073096        .
        +       .       Parent=Smp_322710.1
SM_V9_ZSR       Liftoff CDS     21071412        21071430        .
        +       0       Parent=Smp_322710.1
SM_V9_ZSR       Liftoff CDS     21071527        21071969        .
        +       2       Parent=Smp_322710.1
SM_V9_ZSR       Liftoff CDS     21072814        21072939        .
        +       0       Parent=Smp_322710.1
SM_V9_ZSR       Liftoff gene    21078757        21100530        .
        -       .
ID=Smp_331790;geneID=Smp_331790;previous_systematic_id=Smp_186980
SM_V9_ZSR       Liftoff mRNA    21078757        21100530        .
        -       .
ID=Smp_331790.1;Parent=Smp_331790;geneID=Smp_331790;product=Flap
endonuclease
1;polypeptide_domain=InterPro:IPR006084,IPR006085,IPR006086,IPR00891
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8,IPR019974,IPR020045,IPR023426,IPR029060
Pfam:PF00752,PF00867;Ontology_term=GO:0003677,GO:0003824,GO:0004518,
GO:0006281,GO:0016788
SM_V9_ZSR       Liftoff exon    21078757        21079004        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff exon    21079828        21079933        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff exon    21084865        21084929        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff exon    21090337        21090622        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff exon    21091813        21091949        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff exon    21094672        21094948        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff exon    21098925        21099027        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff exon    21099072        21100530        .
        -       .       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff CDS     21078894        21079004        .
        -       0       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff CDS     21079828        21079933        .
        -       1       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff CDS     21084865        21084929        .
        -       0       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff CDS     21090337        21090622        .
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SM_V9_ZSR       Liftoff CDS     21091813        21091949        .
        -       0       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff CDS     21094672        21094948        .
        -       1       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff CDS     21098925        21099027        .
        -       2       Parent=Smp_331790.1
SM_V9_ZSR       Liftoff CDS     21099072        21099153        .
        -       0       Parent=Smp_331790.1
SM_V9_ZSR       iris    gene    21128775        21222177        .
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ID=Smp_093930;geneID=Smp_093930;gene_name=Smp_093930;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    21128775        21222177        .
        +       .
ID=Smp_093930.1;Parent=Smp_093930;geneID=Smp_093930;gene_name=Smp_09
3930;owner=irisadmin@local.host;orig_id=Smp_093930.2;date_last_modif
ied=2022-07-20;Name=Smp_093930.1;product=Epidermal growth factor
receptor;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    21128775        21128869        .
        +       .       Parent=Smp_093930.1;Name=e100a387-
c087-4a41-9883-69dc440ef0f5
SM_V9_ZSR       iris    exon    21128904        21128957        .
        +       .
Parent=Smp_093930.1;Name=ab8ca788-3765-4d83-87e7-34ba609f00dd
SM_V9_ZSR       iris    exon    21128989        21129120        .
        +       .       Parent=Smp_093930.1;Name=88614367-27ce-4f51-
b0f6-0b6938a702f5
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SM_V9_ZSR	iris	exon	21129157	21129366	.
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Parent=Smp_093930.1;Name=9deb1215-1897-4db4-927b-bbac938f1d07
SM_V9_ZSR	iris	exon	21133701	21133856	.
	+	.	Parent=Smp_093930.1;Name=955a405d-b211-4c6a-
b2c6-a70dbba32b57
SM_V9_ZSR	iris	exon	21160442	21160531	.
	+	.	Parent=Smp_093930.1;Name=fd38a8a2-d3b3-4cbe-
b6b6-3585faf587c4
SM_V9_ZSR	iris	exon	21171166	21171278	.
	+	.	Parent=Smp_093930.1;Name=1c695021-a566-42e7-
bbb7-95afa158d757
SM_V9_ZSR	iris	exon	21173406	21173547	.
	+	.	Parent=Smp_093930.1;Name=219f778d-
de04-406f-82a1-23ba7acfea55
SM_V9_ZSR	iris	exon	21185868	21185975	.
	+	.	Parent=Smp_093930.1;Name=c75cc9c9-12d5-4ff1-
bf6d-1a39b6832717
SM_V9_ZSR	iris	exon	21189063	21189192	.
	+	.
Parent=Smp_093930.1;Name=6315e88a-97eb-49c8-949c-d1859f2b1d43
SM_V9_ZSR	iris	exon	21189898	21190055	.
	+	.	Parent=Smp_093930.1;Name=c189c18b-45e6-46d9-
b228-b844157b67d4
SM_V9_ZSR	iris	exon	21190474	21190665	.
	+	.	Parent=Smp_093930.1;Name=ea8cb0d3-c3bb-4462-
a966-63af84d36084
SM_V9_ZSR	iris	exon	21193269	21193636	.
	+	.	Parent=Smp_093930.1;Name=4c97d4ff-
c498-48bd-884c-b7a5c8ead2ef
SM_V9_ZSR	iris	exon	21195154	21195337	.
	+	.	Parent=Smp_093930.1;Name=581dd2c0-
a527-45d5-9df7-7c181e140296
SM_V9_ZSR	iris	exon	21196710	21196985	.
	+	.	Parent=Smp_093930.1;Name=a408a96e-9960-48aa-
afe1-306b7625a80d
SM_V9_ZSR	iris	exon	21200320	21200669	.
	+	.	Parent=Smp_093930.1;Name=86af2f2b-
e4c5-48d7-8fbc-210b3936adfd
SM_V9_ZSR	iris	exon	21202511	21202777	.
	+	.
Parent=Smp_093930.1;Name=6f68edfd-5639-4699-8d2b-c5f5ddd8a61c
SM_V9_ZSR	iris	exon	21203606	21203947	.
	+	.
Parent=Smp_093930.1;Name=2f5a66e6-397a-4a79-8a06-5c27bc447d9c
SM_V9_ZSR	iris	exon	21204976	21205193	.
	+	.	Parent=Smp_093930.1;Name=09940b15-
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SM_V9_ZSR	iris	exon	21206779	21206975	.
	+	.
Parent=Smp_093930.1;Name=e95fb017-7ebb-4e78-9797-7438ee6ad449
SM_V9_ZSR	iris	exon	21215134	21215280	.
	+	.	Parent=Smp_093930.1;Name=49685715-5695-4a23-
b634-330b370682f5
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SM_V9_ZSR       iris    exon    21216580        21216677        .
        +       .
Parent=Smp_093930.1;Name=cad576ac-0093-4422-8dbc-885837c29ab1
SM_V9_ZSR       iris    exon    21217678        21218143        .
        +       .
Parent=Smp_093930.1;Name=240797ae-3e9b-46ba-8262-99f7b8ca5335
SM_V9_ZSR       iris    exon    21219010        21219477        .
        +       .       Parent=Smp_093930.1;Name=5b550f00-d603-4b2c-
bcf9-bc0e28fb7bb3
SM_V9_ZSR       iris    exon    21220848        21222177        .
        +       .
Parent=Smp_093930.1;Name=8aa8f55e-75c6-42d5-87db-14d1a668254c
SM_V9_ZSR       iris    CDS     21128833        21128869        .
        +       0       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21128904        21128957        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21128989        21129120        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21129157        21129366        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21133701        21133856        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21160442        21160531        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21171166        21171278        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21173406        21173547        .
        +       0       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21185868        21185975        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21189063        21189192        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21189898        21190055        .
        +       1       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21190474        21190665        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21193269        21193636        .
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SM_V9_ZSR       iris    CDS     21195154        21195337        .
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SM_V9_ZSR       iris    CDS     21196710        21196985        .
        +       2       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21200320        21200669        .
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SM_V9_ZSR       iris    CDS     21202511        21202777        .
        +       0       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21203606        21203947        .
        +       0       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21204976        21205193        .
        +       0       Parent=Smp_093930.1
SM_V9_ZSR       iris    CDS     21206779        21206975        .
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SM_V9_ZSR       iris    CDS     21215134        21215280        .
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SM_V9_ZSR	iris	CDS	21216580	21216677	.
	+	2	Parent=Smp_093930.1
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	+	0	Parent=Smp_093930.1
SM_V9_ZSR	iris	CDS	21219010	21219477	.
	+	2	Parent=Smp_093930.1
SM_V9_ZSR	iris	CDS	21220848	21221056	.
	+	2	Parent=Smp_093930.1
SM_V9_ZSR	Liftoff	gene	21229643	21237600	.
	-	.	ID=Smp_093920;geneID=Smp_093920
SM_V9_ZSR	Liftoff	mRNA	21229643	21237600	.
	-	.
ID=Smp_093920.1;Parent=Smp_093920;geneID=Smp_093920;product=ATM
interactor;polypeptide_domain=InterPro:IPR013087;Ontology_term=GO:00
03676
SM_V9_ZSR	Liftoff	exon	21229643	21231327	.
	-	.	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	exon	21232565	21232990	.
	-	.	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	exon	21233381	21233684	.
	-	.	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	exon	21234943	21235428	.
	-	.	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	exon	21235469	21235600	.
	-	.	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	exon	21235645	21237600	.
	-	.	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	CDS	21230933	21231327	.
	-	2	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	CDS	21232565	21232990	.
	-	2	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	CDS	21233381	21233684	.
	-	0	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	CDS	21234943	21235428	.
	-	0	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	CDS	21235469	21235600	.
	-	0	Parent=Smp_093920.1
SM_V9_ZSR	Liftoff	CDS	21235645	21235872	.
	-	0	Parent=Smp_093920.1
SM_V9_ZSR	iris	gene	21250853	21302209	.
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ID=Smp_173580;geneID=Smp_173580;gene_name=Smp_173580;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	21250853	21302209	.
	+	.
ID=Smp_173580.1;Parent=Smp_173580;geneID=Smp_173580;gene_name=Smp_17
3580;owner=irisadmin@local.host;orig_id=Smp_173580.1;date_last_modif
ied=2022-07-20;Name=Smp_173580.1;product=Katanin p80 WD40 repeat-
containing subunit B1;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21250853	21250929	.
	+	.	Parent=Smp_173580.1;Name=3b3daf02-
ced8-4147-86d2-7736ff196ed3
SM_V9_ZSR	iris	exon	21263743	21263994	.
	+	.
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Parent=Smp_173580.1;Name=902d49bd-53eb-415d-8355-ad2c945eff0a
SM_V9_ZSR       iris    exon    21265213        21265313        .
        +       .       Parent=Smp_173580.1;Name=d28bbf05-fc0a-491c-
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SM_V9_ZSR       iris    exon    21265824        21265949        .
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Parent=Smp_173580.1;Name=3525f9c8-9798-4f3c-929a-4177223636fd
SM_V9_ZSR       iris    exon    21272765        21273019        .
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Parent=Smp_173580.1;Name=147c2b7d-59cc-4d53-912b-76ab21daead2
SM_V9_ZSR       iris    exon    21273886        21274245        .
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bdc8-04555711c74c
SM_V9_ZSR       iris    exon    21280594        21280707        .
        +       .       Parent=Smp_173580.1;Name=edbbb6cf-
da93-485a-92bb-a1dd9ad99aa1
SM_V9_ZSR       iris    exon    21281351        21281741        .
        +       .       Parent=Smp_173580.1;Name=bb4f19d3-05a5-433c-
a1f9-2705a1f5fe1e
SM_V9_ZSR       iris    exon    21282360        21282421        .
        +       .       Parent=Smp_173580.1;Name=9527dc2f-63f3-4f59-
a7df-ee36a2474c5c
SM_V9_ZSR       iris    exon    21283297        21283589        .
        +       .       Parent=Smp_173580.1;Name=73bf37ab-
fba3-4d3a-9f0f-5859f0f253b2
SM_V9_ZSR       iris    exon    21294281        21294355        .
        +       .
Parent=Smp_173580.1;Name=22196056-9959-460a-810b-477cebecf1df
SM_V9_ZSR       iris    exon    21298907        21299023        .
        +       .       Parent=Smp_173580.1;Name=ea50a141-9fa5-492b-
ad7f-ead78da2ebdf
SM_V9_ZSR       iris    exon    21301520        21302209        .
        +       .       Parent=Smp_173580.1;Name=a8d6a622-
f61a-4c1f-9348-a3c2e3756598
SM_V9_ZSR       iris    CDS     21250911        21250929        .
        +       0       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21263743        21263994        .
        +       2       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21265213        21265313        .
        +       2       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21265824        21265949        .
        +       0       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21272765        21273019        .
        +       0       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21273886        21274245        .
        +       0       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21280594        21280707        .
        +       0       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21281351        21281741        .
        +       0       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21282360        21282421        .
        +       2       Parent=Smp_173580.1
SM_V9_ZSR       iris    CDS     21283297        21283589        .
        +       0       Parent=Smp_173580.1
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SM_V9_ZSR	iris	CDS	21294281	21294355	.
	+	1	Parent=Smp_173580.1
SM_V9_ZSR	iris	CDS	21298907	21299023	.
	+	1	Parent=Smp_173580.1
SM_V9_ZSR	iris	CDS	21301520	21301649	.
	+	1	Parent=Smp_173580.1
SM_V9_ZSR	iris	gene	21313803	21330716	.
	+	.
ID=Smp_304960;geneID=Smp_304960;gene_name=Smp_304960;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	21313803	21330716	.
	+	.
ID=Smp_304960.1;Parent=Smp_304960;geneID=Smp_304960;gene_name=Smp_30
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ied=2022-07-20;Name=Smp_304960.1;product=Probable ATP-dependent RNA
helicase DDX46;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21313803	21313849	.
	+	.
Parent=Smp_304960.1;Name=db17bc6f-0463-447a-99b4-0f807f3ae885
SM_V9_ZSR	iris	exon	21317277	21317652	.
	+	.
Parent=Smp_304960.1;Name=7c07064e-48cb-4908-8ffc-09e74c9220ce
SM_V9_ZSR	iris	exon	21317729	21317944	.
	+	.	Parent=Smp_304960.1;Name=726a40dc-0217-4df4-
bfe1-aad05fe7014a
SM_V9_ZSR	iris	exon	21319861	21320351	.
	+	.	Parent=Smp_304960.1;Name=daa7bc47-77c6-4fde-
b00f-a8c06e065764
SM_V9_ZSR	iris	exon	21321133	21321509	.
	+	.	Parent=Smp_304960.1;Name=374d9c30-0673-4864-
b1e6-4e9c2be1b6ed
SM_V9_ZSR	iris	exon	21322029	21322276	.
	+	.
Parent=Smp_304960.1;Name=e1584803-8fb5-4b89-9478-97bc6ddad0ba
SM_V9_ZSR	iris	exon	21323390	21323721	.
	+	.
Parent=Smp_304960.1;Name=463ee20b-4cf4-425e-961d-932b5ce6d472
SM_V9_ZSR	iris	exon	21324256	21324418	.
	+	.
Parent=Smp_304960.1;Name=c6931d0f-48fc-496c-8eaf-ac6f637b6d53
SM_V9_ZSR	iris	exon	21325308	21325564	.
	+	.	Parent=Smp_304960.1;Name=b72e0b00-e81f-45e8-
b3d4-33db8dd7aaab
SM_V9_ZSR	iris	exon	21326206	21326547	.
	+	.
Parent=Smp_304960.1;Name=e6c8247b-4d3b-480a-8832-66f9aae10517
SM_V9_ZSR	iris	exon	21328157	21328427	.
	+	.	Parent=Smp_304960.1;Name=e2a7a199-9a46-4022-
acd2-eae7e55e376b
SM_V9_ZSR	iris	exon	21330565	21330716	.
	+	.	Parent=Smp_304960.1;Name=95f5a861-560c-41f4-
b5b5-c0182f68d7f1
SM_V9_ZSR	iris	CDS	21317413	21317652	.
	+	0	Parent=Smp_304960.1
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SM_V9_ZSR	iris	CDS	21317729	21317944	.
	+	0	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21319861	21320351	.
	+	0	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21321133	21321509	.
	+	1	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21322029	21322276	.
	+	2	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21323390	21323721	.
	+	0	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21324256	21324418	.
	+	1	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21325308	21325564	.
	+	0	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21326206	21326547	.
	+	1	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21328157	21328427	.
	+	1	Parent=Smp_304960.1
SM_V9_ZSR	iris	CDS	21330565	21330609	.
	+	0	Parent=Smp_304960.1
SM_V9_ZSR	iris	gene	21341072	21365256	.
	+	.
ID=Smp_094950;geneID=Smp_094950;gene_name=Smp_094950;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	21341072	21365256	.
	+	.
ID=Smp_094950.1;Parent=Smp_094950;geneID=Smp_094950;gene_name=Smp_09
4950;owner=irisadmin@local.host;orig_id=Smp_094950.1;date_last_modif
ied=2022-07-20;Name=Smp_094950.1;product=Transmembrane and TPR
repeat-containing protein 3;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21341072	21341285	.
	+	.
Parent=Smp_094950.1;Name=dcfde4b1-0fb3-4928-8de3-340d3b4f61e6
SM_V9_ZSR	iris	exon	21341322	21341458	.
	+	.
Parent=Smp_094950.1;Name=e2b6d0e9-4d42-4105-8661-8a37d5cbc921
SM_V9_ZSR	iris	exon	21341488	21341569	.
	+	.
Parent=Smp_094950.1;Name=dd5b83ad-221f-4e24-9b28-6b5c86d51d71
SM_V9_ZSR	iris	exon	21341601	21341697	.
	+	.	Parent=Smp_094950.1;Name=3f322c49-e507-46f1-
b219-fd75df824439
SM_V9_ZSR	iris	exon	21344673	21344800	.
	+	.	Parent=Smp_094950.1;Name=ae8c9fc1-
ef8f-4673-87d3-4a781d257c69
SM_V9_ZSR	iris	exon	21344834	21345075	.
	+	.
Parent=Smp_094950.1;Name=d2d153ef-09a1-458d-846d-509c92376a55
SM_V9_ZSR	iris	exon	21351347	21351605	.
	+	.	Parent=Smp_094950.1;Name=13c531c6-
d30b-4a15-95f3-98fe543b818d
SM_V9_ZSR	iris	exon	21351864	21352072	.
	+	.	Parent=Smp_094950.1;Name=fc23b9f1-
d1a9-4ce6-8c82-baa7c7091592
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SM_V9_ZSR	iris	exon	21353774	21353872	.
	+	.	Parent=Smp_094950.1;Name=10297a09-7771-4478-
b5dc-0681053f950e
SM_V9_ZSR	iris	exon	21354655	21354792	.
	+	.	Parent=Smp_094950.1;Name=e546ef52-
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SM_V9_ZSR	iris	exon	21356173	21356297	.
	+	.	Parent=Smp_094950.1;Name=5a8a4070-e76b-4aa2-
aace-da4ef49ccdd6
SM_V9_ZSR	iris	exon	21357894	21358083	.
	+	.	Parent=Smp_094950.1;Name=03e6e579-ca92-4a84-
a6f3-71b47e14b6d3
SM_V9_ZSR	iris	exon	21358768	21358840	.
	+	.	Parent=Smp_094950.1;Name=87479ded-9371-45e0-
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SM_V9_ZSR	iris	exon	21361454	21361540	.
	+	.	Parent=Smp_094950.1;Name=f77a8a9d-dc20-4ea8-
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SM_V9_ZSR	iris	exon	21362679	21362752	.
	+	.	Parent=Smp_094950.1;Name=1bdc222d-ea80-4015-
bd8d-37bbacec59a6
SM_V9_ZSR	iris	exon	21363125	21363245	.
	+	.
Parent=Smp_094950.1;Name=ccb5696f-4e70-45c5-984e-c1b4c54ddcb3
SM_V9_ZSR	iris	exon	21364218	21364322	.
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Parent=Smp_094950.1;Name=92295c3c-2c78-4772-8109-4dae218f6efd
SM_V9_ZSR	iris	exon	21364725	21364808	.
	+	.
Parent=Smp_094950.1;Name=cfd234d9-8084-46bd-9cd5-6d79139344cb
SM_V9_ZSR	iris	exon	21364896	21365256	.
	+	.	Parent=Smp_094950.1;Name=99c08d4a-dea8-458f-
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SM_V9_ZSR	iris	CDS	21341112	21341285	.
	+	0	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21341322	21341458	.
	+	0	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21341488	21341569	.
	+	1	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21341601	21341697	.
	+	0	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21344673	21344800	.
	+	2	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21344834	21345075	.
	+	0	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21351347	21351605	.
	+	1	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21351864	21352072	.
	+	0	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21353774	21353872	.
	+	1	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21354655	21354792	.
	+	1	Parent=Smp_094950.1
SM_V9_ZSR	iris	CDS	21356173	21356297	.
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        +       1       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21357894        21358083        .
        +       2       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21358768        21358840        .
        +       1       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21361454        21361540        .
        +       0       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21362679        21362752        .
        +       0       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21363125        21363245        .
        +       1       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21364218        21364322        .
        +       0       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21364725        21364808        .
        +       0       Parent=Smp_094950.1
SM_V9_ZSR       iris    CDS     21364896        21365126        .
        +       0       Parent=Smp_094950.1
SM_V9_ZSR       iris    gene    21370727        21387599        .
        -       .
ID=Smp_346260;geneID=Smp_346260;gene_name=Smp_346260;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    21370727        21387599        .
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6260;owner=irisadmin@local.host;orig_id=Smp_346260.2;date_last_modif
ied=2022-07-20;Name=Smp_346260.1;product=Laminin subunit
gamma-1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    21370727        21370847        .
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Parent=Smp_346260.1;Name=bcce591c-6d93-431d-8b5f-45bbd807f852
SM_V9_ZSR       iris    exon    21370893        21371016        .
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Parent=Smp_346260.1;Name=7116de11-393b-4d71-8016-9dc76f0acc7b
SM_V9_ZSR       iris    exon    21371360        21371492        .
        -       .       Parent=Smp_346260.1;Name=ce1be88e-6321-49b3-
a471-6621b887e9eb
SM_V9_ZSR       iris    exon    21374560        21374644        .
        -       .       Parent=Smp_346260.1;Name=56629bfd-c710-4b2d-
bd36-604be0105425
SM_V9_ZSR       iris    exon    21376352        21376491        .
        -       .       Parent=Smp_346260.1;Name=6c5264e7-f9ae-4b0a-
a245-da2d6ddd8fe8
SM_V9_ZSR       iris    exon    21377367        21377447        .
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Parent=Smp_346260.1;Name=1b1f8e0f-416b-4133-88c6-f778349ec835
SM_V9_ZSR       iris    exon    21385954        21386148        .
        -       .       Parent=Smp_346260.1;Name=3037d824-7153-4a02-
a71f-ba15c9ae1752
SM_V9_ZSR       iris    exon    21386861        21386953        .
        -       .
Parent=Smp_346260.1;Name=9e15901f-67e8-4c14-939e-0a7d9f97c717
SM_V9_ZSR       iris    exon    21386986        21387007        .
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Parent=Smp_346260.1;Name=89fe9b46-34ad-4f36-905b-be5b47cbf156
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SM_V9_ZSR       iris    exon    21387058        21387203        .
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Parent=Smp_346260.1;Name=21be24e3-24c1-4b67-9e01-07f0e2e80bec
SM_V9_ZSR       iris    exon    21387250        21387286        .
        -       .       Parent=Smp_346260.1;Name=829beddf-8386-4377-
a8cd-39c518b3fb61
SM_V9_ZSR       iris    exon    21387326        21387491        .
        -       .       Parent=Smp_346260.1;Name=aad6af93-155c-4ea1-
af49-80c223767746
SM_V9_ZSR       iris    exon    21387528        21387599        .
        -       .       Parent=Smp_346260.1;Name=8434d6d7-08ed-4ef9-
a652-5f580eb556a3
SM_V9_ZSR       iris    CDS     21370814        21370847        .
        -       1       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21370893        21371016        .
        -       2       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21371360        21371492        .
        -       0       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21374560        21374644        .
        -       1       Parent=Smp_346260.1
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        -       0       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21377367        21377447        .
        -       0       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21385954        21386148        .
        -       0       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21386861        21386953        .
        -       0       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21386986        21387007        .
        -       1       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21387058        21387203        .
        -       0       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21387250        21387286        .
        -       1       Parent=Smp_346260.1
SM_V9_ZSR       iris    CDS     21387326        21387465        .
        -       0       Parent=Smp_346260.1
SM_V9_ZSR       Liftoff gene    21391113        21391633        .
        +       .       ID=Smp_094980;geneID=Smp_094980
SM_V9_ZSR       Liftoff mRNA    21391113        21391633        .
        +       .
ID=Smp_094980.1;Parent=Smp_094980;geneID=Smp_094980;product=Transmem
brane and TPR repeat-containing protein 3
SM_V9_ZSR       Liftoff exon    21391113        21391316        .
        +       .       Parent=Smp_094980.1
SM_V9_ZSR       Liftoff exon    21391353        21391489        .
        +       .       Parent=Smp_094980.1
SM_V9_ZSR       Liftoff exon    21391519        21391633        .
        +       .       Parent=Smp_094980.1
SM_V9_ZSR       Liftoff CDS     21391143        21391316        .
        +       0       Parent=Smp_094980.1
SM_V9_ZSR       Liftoff CDS     21391353        21391489        .
        +       0       Parent=Smp_094980.1
SM_V9_ZSR       Liftoff CDS     21391519        21391606        .
        +       1       Parent=Smp_094980.1
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SM_V9_ZSR       Liftoff gene    21419766        21435299        .
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SM_V9_ZSR       Liftoff mRNA    21419766        21435299        .
        -       .
ID=Smp_174220.1;Parent=Smp_174220;geneID=Smp_174220;product=Putative
Polycomb group protein ASXL3;polypeptide_domain=InterPro:IPR028020
Pfam:PF13919
SM_V9_ZSR       Liftoff exon    21419766        21423338        .
        -       .       Parent=Smp_174220.1
SM_V9_ZSR       Liftoff exon    21425186        21425827        .
        -       .       Parent=Smp_174220.1
SM_V9_ZSR       Liftoff exon    21428221        21428640        .
        -       .       Parent=Smp_174220.1
SM_V9_ZSR       Liftoff exon    21434688        21435299        .
        -       .       Parent=Smp_174220.1
SM_V9_ZSR       Liftoff CDS     21420849        21423338        .
        -       0       Parent=Smp_174220.1
SM_V9_ZSR       Liftoff CDS     21425186        21425827        .
        -       0       Parent=Smp_174220.1
SM_V9_ZSR       Liftoff CDS     21428221        21428640        .
        -       0       Parent=Smp_174220.1
SM_V9_ZSR       Liftoff CDS     21434688        21435116        .
        -       0       Parent=Smp_174220.1
SM_V9_ZSR       iris    gene    21448681        21465753        .
        +       .
ID=Smp_341580;geneID=Smp_341580;gene_name=Smp_341580;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    21448681        21465753        .
        +       .
ID=Smp_341580.1;Parent=Smp_341580;geneID=Smp_341580;gene_name=Smp_34
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2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    21448681        21448769        .
        +       .
Parent=Smp_341580.1;Name=07953e63-7694-4e15-8491-6b9e4fc53330
SM_V9_ZSR       iris    exon    21448807        21448940        .
        +       .
Parent=Smp_341580.1;Name=e133d526-08e2-4bf9-90d0-d02d6f485f0d
SM_V9_ZSR       iris    exon    21448976        21449074        .
        +       .       Parent=Smp_341580.1;Name=75ee0dd5-
e9a6-4221-85e8-d0febd51c563
SM_V9_ZSR       iris    exon    21449102        21449147        .
        +       .
Parent=Smp_341580.1;Name=fcfddb19-36d3-42a9-8f38-6490c8709d5b
SM_V9_ZSR       iris    exon    21449182        21449290        .
        +       .
Parent=Smp_341580.1;Name=5c9baa5f-1e57-4a26-9ff2-6191d807256f
SM_V9_ZSR       iris    exon    21449865        21449970        .
        +       .       Parent=Smp_341580.1;Name=108b1138-
a907-4590-9445-984e41cf0c28
SM_V9_ZSR       iris    exon    21458303        21458454        .
        +       .       Parent=Smp_341580.1;Name=641fb1fb-
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SM_V9_ZSR	iris	exon	21465126	21465753	.
	+	.	Parent=Smp_341580.1;Name=082be301-
fb23-4918-97ae-b3d95ac2dcee
SM_V9_ZSR	iris	CDS	21448722	21448769	.
	+	0	Parent=Smp_341580.1
SM_V9_ZSR	iris	CDS	21448807	21448940	.
	+	0	Parent=Smp_341580.1
SM_V9_ZSR	iris	CDS	21448976	21449074	.
	+	1	Parent=Smp_341580.1
SM_V9_ZSR	iris	CDS	21449102	21449147	.
	+	1	Parent=Smp_341580.1
SM_V9_ZSR	iris	CDS	21449182	21449290	.
	+	0	Parent=Smp_341580.1
SM_V9_ZSR	iris	CDS	21449865	21449970	.
	+	2	Parent=Smp_341580.1
SM_V9_ZSR	iris	CDS	21458303	21458454	.
	+	1	Parent=Smp_341580.1
SM_V9_ZSR	iris	CDS	21465126	21465232	.
	+	2	Parent=Smp_341580.1
SM_V9_ZSR	iris	mRNA	21448681	21465753	.
	+	.
ID=Smp_341580.2;Parent=Smp_341580;geneID=Smp_341580;gene_name=Smp_34
1580;owner=irisadmin@local.host;date_last_modified=2022-07-20;Name=S
mp_341580.2;product=Inositol monophosphatase
2;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21448681	21448769	.
	+	.
Parent=Smp_341580.2;Name=3c6b33b5-5321-46c2-8880-a7e9e535b678
SM_V9_ZSR	iris	exon	21448807	21448940	.
	+	.	Parent=Smp_341580.2;Name=be3c21bd-ed65-46ff-
a8f0-144c9e357b9b
SM_V9_ZSR	iris	exon	21448976	21449074	.
	+	.
Parent=Smp_341580.2;Name=d93c924e-1ef4-4b57-853e-6ec3be780ba0
SM_V9_ZSR	iris	exon	21449102	21449147	.
	+	.	Parent=Smp_341580.2;Name=510cbb27-63b5-4b4e-
b170-511043ea6e81
SM_V9_ZSR	iris	exon	21449182	21449290	.
	+	.	Parent=Smp_341580.2;Name=80d30951-009e-459c-
ab07-31b2a2f37f07
SM_V9_ZSR	iris	exon	21449865	21449970	.
	+	.	Parent=Smp_341580.2;Name=97e846a7-93e5-4210-
bbe2-a1f71deab0ee
SM_V9_ZSR	iris	exon	21458303	21458454	.
	+	.	Parent=Smp_341580.2;Name=78cd66cf-
b769-4ab5-81fd-2b39aed82aa7
SM_V9_ZSR	iris	exon	21463460	21463590	.
	+	.	Parent=Smp_341580.2;Name=c6324b09-cec0-4882-
bc2f-2c3285ce88ca
SM_V9_ZSR	iris	exon	21465126	21465753	.
	+	.	Parent=Smp_341580.2;Name=d943f5a7-
c0c2-41cd-9caa-77c42fce0f32
SM_V9_ZSR	iris	CDS	21448722	21448769	.
	+	0	Parent=Smp_341580.2
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SM_V9_ZSR	iris	CDS	21448807	21448940	.
	+	0	Parent=Smp_341580.2
SM_V9_ZSR	iris	CDS	21448976	21449074	.
	+	1	Parent=Smp_341580.2
SM_V9_ZSR	iris	CDS	21449102	21449147	.
	+	1	Parent=Smp_341580.2
SM_V9_ZSR	iris	CDS	21449182	21449290	.
	+	0	Parent=Smp_341580.2
SM_V9_ZSR	iris	CDS	21449865	21449970	.
	+	2	Parent=Smp_341580.2
SM_V9_ZSR	iris	CDS	21458303	21458454	.
	+	1	Parent=Smp_341580.2
SM_V9_ZSR	iris	CDS	21463460	21463464	.
	+	2	Parent=Smp_341580.2
SM_V9_ZSR	iris	gene	21471649	21492346	.
	-	.
ID=Smp_095010;geneID=Smp_095010;gene_name=Smp_095010;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	21471649	21492346	.
	-	.
ID=Smp_095010.1;Parent=Smp_095010;geneID=Smp_095010;gene_name=Smp_09
5010;owner=irisadmin@local.host;orig_id=Smp_095010.1;date_last_modif
ied=2022-07-20;Name=Smp_095010.1;product=Probable anion transporter
4, chloroplastic;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21471649	21472078	.
	-	.	Parent=Smp_095010.1;Name=0211f5b0-8c9e-4d39-
a608-40d908a60a1c
SM_V9_ZSR	iris	exon	21474072	21474186	.
	-	.
Parent=Smp_095010.1;Name=182797ba-607c-464b-8258-8d7509c363e0
SM_V9_ZSR	iris	exon	21477135	21477279	.
	-	.
Parent=Smp_095010.1;Name=5f1f4998-2710-4679-9dd4-8ceb10d8d559
SM_V9_ZSR	iris	exon	21482569	21482773	.
	-	.
Parent=Smp_095010.1;Name=d1de556c-4101-4b77-8762-9581051cd486
SM_V9_ZSR	iris	exon	21486510	21486763	.
	-	.	Parent=Smp_095010.1;Name=658b7c60-b4c0-4e06-
bce7-dbbfced1a621
SM_V9_ZSR	iris	exon	21487596	21487755	.
	-	.	Parent=Smp_095010.1;Name=4fd8c261-
c528-414b-90ac-4265f2f96b6f
SM_V9_ZSR	iris	exon	21487794	21488131	.
	-	.	Parent=Smp_095010.1;Name=787adca0-16df-482e-
af7a-30a9f0f18bad
SM_V9_ZSR	iris	exon	21492320	21492346	.
	-	.	Parent=Smp_095010.1;Name=4b90f3dd-f092-482d-
b545-8fdbde1d59e7
SM_V9_ZSR	iris	CDS	21471923	21472078	.
	-	0	Parent=Smp_095010.1
SM_V9_ZSR	iris	CDS	21474072	21474186	.
	-	1	Parent=Smp_095010.1
SM_V9_ZSR	iris	CDS	21477135	21477279	.
	-	2	Parent=Smp_095010.1
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SM_V9_ZSR	iris	CDS	21482569	21482773	.
	-	0	Parent=Smp_095010.1
SM_V9_ZSR	iris	CDS	21486510	21486763	.
	-	2	Parent=Smp_095010.1
SM_V9_ZSR	iris	CDS	21487596	21487755	.
	-	0	Parent=Smp_095010.1
SM_V9_ZSR	iris	CDS	21487794	21488030	.
	-	0	Parent=Smp_095010.1
SM_V9_ZSR	iris	gene	21518272	21621006	.
	+	.
ID=Smp_174230;geneID=Smp_174230;gene_name=Smp_174230;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR	iris	mRNA	21518272	21621006	.
	+	.
ID=Smp_174230.1;Parent=Smp_174230;geneID=Smp_174230;gene_name=Smp_17
4230;owner=irisadmin@local.host;orig_id=Smp_174230.1;date_last_modif
ied=2022-09-30;Name=Smp_174230.1;product=Protein unc-80
homolog;date_creation=2022-09-30
SM_V9_ZSR	iris	exon	21518272	21518673	.
	+	.	Parent=Smp_174230.1;Name=dabd6d8e-1f48-4a55-
be3c-3084606709d7
SM_V9_ZSR	iris	exon	21518711	21518753	.
	+	.	Parent=Smp_174230.1;Name=a90cd2f4-2fc7-4e1b-
a581-c44b1621e55e
SM_V9_ZSR	iris	exon	21527578	21527914	.
	+	.
Parent=Smp_174230.1;Name=51d858e5-8b92-44cc-9e30-f5692cb0335a
SM_V9_ZSR	iris	exon	21532528	21533000	.
	+	.	Parent=Smp_174230.1;Name=13e696ce-
a513-4c6f-862a-c566ff91d988
SM_V9_ZSR	iris	exon	21538022	21538243	.
	+	.
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SM_V9_ZSR	iris	exon	21539817	21540348	.
	+	.	Parent=Smp_174230.1;Name=637ccc1c-dff0-4257-
a264-e8ded9102d67
SM_V9_ZSR	iris	exon	21541523	21541965	.
	+	.
Parent=Smp_174230.1;Name=9dac16cf-33fc-479d-8809-7a5a14f4ee7e
SM_V9_ZSR	iris	exon	21542672	21542780	.
	+	.	Parent=Smp_174230.1;Name=dba3509a-e773-47d6-
a4fb-faccd7df89f4
SM_V9_ZSR	iris	exon	21543569	21543927	.
	+	.	Parent=Smp_174230.1;Name=1f5e9372-5cbf-4483-
a238-f9d30d8f7974
SM_V9_ZSR	iris	exon	21544732	21545561	.
	+	.
Parent=Smp_174230.1;Name=9bd13e0c-3c6e-4355-910f-f617f2b969f1
SM_V9_ZSR	iris	exon	21546290	21546579	.
	+	.
Parent=Smp_174230.1;Name=8fb79a1c-91d1-42ca-869c-054334fad600
SM_V9_ZSR	iris	exon	21547622	21547937	.
	+	.	Parent=Smp_174230.1;Name=8a8ac461-94f9-4eb3-
a93a-5b8b892cc724
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SM_V9_ZSR       iris    exon    21550114        21550331        .
        +       .       Parent=Smp_174230.1;Name=051235b8-606f-4b6f-
b934-2fd09a98bb95
SM_V9_ZSR       iris    exon    21556251        21556438        .
        +       .
Parent=Smp_174230.1;Name=67da657d-5d1c-4b71-96d4-28eb41664061
SM_V9_ZSR       iris    exon    21560579        21560842        .
        +       .
Parent=Smp_174230.1;Name=e20102db-408d-4ce1-8a91-b5cb9677cbfb
SM_V9_ZSR       iris    exon    21562254        21562419        .
        +       .       Parent=Smp_174230.1;Name=2904dca7-
b2bf-46bc-8ce2-1e2ac8f71cc7
SM_V9_ZSR       iris    exon    21563757        21564158        .
        +       .       Parent=Smp_174230.1;Name=7be67831-e739-49fe-
b7a1-c31ccdec1f5c
SM_V9_ZSR       iris    exon    21568275        21568421        .
        +       .       Parent=Smp_174230.1;Name=3697bd19-
a4cd-4184-82b9-173013aa41a0
SM_V9_ZSR       iris    exon    21569802        21569894        .
        +       .       Parent=Smp_174230.1;Name=089d5ccd-cdb2-4918-
bbb8-9b9b6b37f8fe
SM_V9_ZSR       iris    exon    21570167        21570587        .
        +       .       Parent=Smp_174230.1;Name=e45af98b-4720-492e-
a574-e1f408da4be4
SM_V9_ZSR       iris    exon    21572789        21573392        .
        +       .
Parent=Smp_174230.1;Name=5a7f73f2-44e8-4ab7-929b-c4a322ec89bf
SM_V9_ZSR       iris    exon    21574736        21575092        .
        +       .       Parent=Smp_174230.1;Name=d14e2bc5-
a375-4af3-9617-9f71ad31755a
SM_V9_ZSR       iris    exon    21575356        21575494        .
        +       .
Parent=Smp_174230.1;Name=a12b4911-42aa-44af-8caf-974f51e14824
SM_V9_ZSR       iris    exon    21576444        21576552        .
        +       .       Parent=Smp_174230.1;Name=ac1a4daa-dd18-46bd-
b234-d749ac0d7c5c
SM_V9_ZSR       iris    exon    21577587        21577797        .
        +       .
Parent=Smp_174230.1;Name=6c003a16-8441-4ca7-9623-55ca4c740387
SM_V9_ZSR       iris    exon    21579020        21579215        .
        +       .       Parent=Smp_174230.1;Name=c5160885-
a7f1-474a-977b-e2d544657956
SM_V9_ZSR       iris    exon    21579624        21579827        .
        +       .
Parent=Smp_174230.1;Name=594f9176-025d-470f-957c-8c5bdcbf27b4
SM_V9_ZSR       iris    exon    21581471        21581623        .
        +       .       Parent=Smp_174230.1;Name=3e90d1f7-2eca-441f-
a6fa-82eea1d80dd2
SM_V9_ZSR       iris    exon    21582599        21582786        .
        +       .       Parent=Smp_174230.1;Name=2c095218-6625-4fdb-
a92c-8610eaf48699
SM_V9_ZSR       iris    exon    21584998        21585081        .
        +       .
Parent=Smp_174230.1;Name=6174acbf-619c-42a3-980f-cda699562ed2
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SM_V9_ZSR	iris	exon	21586219	21586287	.
	+	.	Parent=Smp_174230.1;Name=4e77e057-0830-4b9c-
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SM_V9_ZSR	iris	exon	21588034	21588138	.
	+	.	Parent=Smp_174230.1;Name=037e31d4-f046-4402-
a509-4ec69243cb54
SM_V9_ZSR	iris	exon	21589299	21589395	.
	+	.	Parent=Smp_174230.1;Name=9f745f82-4a96-4cec-
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SM_V9_ZSR	iris	exon	21591308	21591507	.
	+	.	Parent=Smp_174230.1;Name=6d99cbec-15ac-4af9-
a39e-08cccd7dc0d1
SM_V9_ZSR	iris	exon	21592456	21592758	.
	+	.	Parent=Smp_174230.1;Name=02afc5b7-d7b6-4f3d-
b770-55db96395543
SM_V9_ZSR	iris	exon	21594349	21594588	.
	+	.
Parent=Smp_174230.1;Name=4ef04a03-665a-4ba8-9721-f05a01820570
SM_V9_ZSR	iris	exon	21595676	21595783	.
	+	.	Parent=Smp_174230.1;Name=92a54752-bb9a-46a7-
b6aa-e8e0a640dc09
SM_V9_ZSR	iris	exon	21597522	21597632	.
	+	.	Parent=Smp_174230.1;Name=d8f81abb-5f07-4f68-
a117-a77f0f817750
SM_V9_ZSR	iris	exon	21598252	21598412	.
	+	.	Parent=Smp_174230.1;Name=474dc1f3-
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SM_V9_ZSR	iris	exon	21599396	21599858	.
	+	.
Parent=Smp_174230.1;Name=4a38cfa3-9024-4788-83dd-f3bd278706a2
SM_V9_ZSR	iris	exon	21601708	21601920	.
	+	.	Parent=Smp_174230.1;Name=5d2a501b-75b0-4689-
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SM_V9_ZSR	iris	exon	21603721	21603816	.
	+	.
Parent=Smp_174230.1;Name=58df5389-9d0c-43d1-8074-6a472b1e58a8
SM_V9_ZSR	iris	exon	21604516	21604887	.
	+	.
Parent=Smp_174230.1;Name=149a05ad-91c1-4bdb-88e8-bd0fe2051b66
SM_V9_ZSR	iris	exon	21605469	21605622	.
	+	.	Parent=Smp_174230.1;Name=0f2c9aff-967d-47d4-
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SM_V9_ZSR	iris	exon	21607295	21607973	.
	+	.	Parent=Smp_174230.1;Name=25ef0b31-def7-4ee8-
b403-fbfeb33b0529
SM_V9_ZSR	iris	exon	21609674	21609872	.
	+	.	Parent=Smp_174230.1;Name=1500862b-
fa33-4ecb-90d1-7f447c87e705
SM_V9_ZSR	iris	exon	21612373	21612528	.
	+	.	Parent=Smp_174230.1;Name=47165480-a3a3-484f-
bf7c-73f7cd8404b5
SM_V9_ZSR	iris	exon	21614336	21614636	.
	+	.	Parent=Smp_174230.1;Name=6a49e56b-
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SM_V9_ZSR	iris	exon	21616411	21616566	.
	+	.
Parent=Smp_174230.1;Name=91f31f7d-1d63-4e1a-965c-a4ca2bc94a37
SM_V9_ZSR	iris	exon	21617970	21618030	.
	+	.	Parent=Smp_174230.1;Name=d8014ff7-c6b5-44fc-
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SM_V9_ZSR	iris	exon	21619189	21619373	.
	+	.
Parent=Smp_174230.1;Name=c474ba8f-809d-4201-8cb2-093c39d72562
SM_V9_ZSR	iris	exon	21620273	21621006	.
	+	.	Parent=Smp_174230.1;Name=0d5486b8-af55-46ab-
a0d6-ea0c2e6ff900
SM_V9_ZSR	iris	CDS	21518609	21518673	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21518711	21518753	.
	+	1	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21527578	21527914	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21532528	21533000	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21538022	21538243	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21539817	21540348	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21541523	21541965	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21542672	21542780	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21543569	21543927	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21544732	21545561	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21546290	21546579	.
	+	1	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21547622	21547937	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21550114	21550331	.
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SM_V9_ZSR	iris	CDS	21556251	21556438	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21560579	21560842	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21562254	21562419	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21563757	21564158	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21568275	21568421	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21569802	21569894	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21570167	21570587	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21572789	21573392	.
	+	1	Parent=Smp_174230.1
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SM_V9_ZSR	iris	CDS	21574736	21575092	.
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SM_V9_ZSR	iris	CDS	21575356	21575494	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21576444	21576552	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21577587	21577797	.
	+	1	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21579020	21579215	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21579624	21579827	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21581471	21581623	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21582599	21582786	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21584998	21585081	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21586219	21586287	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21588034	21588138	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21589299	21589395	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21591308	21591507	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21592456	21592758	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21594349	21594588	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21595676	21595783	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21597522	21597632	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21598252	21598412	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21599396	21599858	.
	+	1	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21601708	21601920	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21603721	21603816	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21604516	21604887	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21605469	21605622	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21607295	21607973	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21609674	21609872	.
	+	1	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21612373	21612528	.
	+	0	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21614336	21614636	.
	+	0	Parent=Smp_174230.1
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SM_V9_ZSR	iris	CDS	21616411	21616566	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21617970	21618030	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21619189	21619373	.
	+	1	Parent=Smp_174230.1
SM_V9_ZSR	iris	CDS	21620273	21620715	.
	+	2	Parent=Smp_174230.1
SM_V9_ZSR	iris	gene	21623676	21626409	.
	-	.
ID=Smp_107200;geneID=Smp_107200;gene_name=Smp_107200;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	21623676	21626409	.
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ID=Smp_107200.1;Parent=Smp_107200;geneID=Smp_107200;gene_name=Smp_10
7200;owner=irisadmin@local.host;orig_id=Smp_107200.2;date_last_modif
ied=2022-07-20;Name=Smp_107200.1;product=1,4-alpha-glucan branching
enzyme GlgB;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21623676	21624677	.
	-	.	Parent=Smp_107200.1;Name=8b43a248-7a28-4a0f-
b97e-2762a35072b6
SM_V9_ZSR	iris	exon	21626036	21626409	.
	-	.	Parent=Smp_107200.1;Name=42c90151-
cda6-41d3-897c-d9a41d485ac4
SM_V9_ZSR	iris	CDS	21624304	21624677	.
	-	2	Parent=Smp_107200.1
SM_V9_ZSR	iris	CDS	21626036	21626270	.
	-	0	Parent=Smp_107200.1
SM_V9_ZSR	iris	mRNA	21623682	21626409	.
	-	.
ID=Smp_107200.2;Parent=Smp_107200;geneID=Smp_107200;gene_name=Smp_10
7200;owner=irisadmin@local.host;orig_id=Smp_107200.1;date_last_modif
ied=2022-07-20;Name=Smp_107200.2;product=Ankyrin repeat and IBR
domain-containing protein 1;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21623682	21624935	.
	-	.	Parent=Smp_107200.2;Name=4d3f2c18-1d53-4602-
aa46-bd471778474f
SM_V9_ZSR	iris	exon	21626036	21626409	.
	-	.	Parent=Smp_107200.2;Name=27e34c13-d7b6-4135-
ac27-b43985a9c6ab
SM_V9_ZSR	iris	CDS	21624871	21624935	.
	-	2	Parent=Smp_107200.2
SM_V9_ZSR	iris	CDS	21626036	21626270	.
	-	0	Parent=Smp_107200.2
SM_V9_ZSR	iris	gene	21660682	21684447	.
	-	.
ID=Smp_011960;geneID=Smp_011960;gene_name=Smp_011960;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	21660682	21684447	.
	-	.
ID=Smp_011960.1;Parent=Smp_011960;geneID=Smp_011960;gene_name=Smp_01
1960;owner=irisadmin@local.host;orig_id=Smp_011960.1;date_last_modif
ied=2022-07-20;Name=Smp_011960.1;product=Inositol-pentakisphosphate
2-kinase;date_creation=2022-07-20
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SM_V9_ZSR       iris    exon    21660682        21661588        .
        -       .       Parent=Smp_011960.1;Name=eec74640-cfca-4a3c-
b9e3-59df15f26cf4
SM_V9_ZSR       iris    exon    21662208        21662281        .
        -       .
Parent=Smp_011960.1;Name=71a7598a-1071-4865-8cfa-a912ef5e23ab
SM_V9_ZSR       iris    exon    21663012        21663093        .
        -       .       Parent=Smp_011960.1;Name=556354e1-
fa40-4e0c-8868-776cbfc41c4f
SM_V9_ZSR       iris    exon    21665021        21665201        .
        -       .       Parent=Smp_011960.1;Name=f9a9b374-2d0a-4cb7-
bdf6-a49da849cef0
SM_V9_ZSR       iris    exon    21665751        21665920        .
        -       .       Parent=Smp_011960.1;Name=9d126f27-3285-40c8-
ace1-b84b1089c5f4
SM_V9_ZSR       iris    exon    21667399        21667544        .
        -       .
Parent=Smp_011960.1;Name=a35ddf5e-6fc3-4962-9935-fea5631bbf46
SM_V9_ZSR       iris    exon    21669709        21669781        .
        -       .       Parent=Smp_011960.1;Name=1f0925b6-
eb47-461d-91b8-5a068cfd0654
SM_V9_ZSR       iris    exon    21675157        21675215        .
        -       .       Parent=Smp_011960.1;Name=2c961c1b-7bf1-4870-
bf2c-781adb4a4e65
SM_V9_ZSR       iris    exon    21676148        21676243        .
        -       .
Parent=Smp_011960.1;Name=2bcc31aa-5cde-42be-9f1a-657213607fa2
SM_V9_ZSR       iris    exon    21677586        21677710        .
        -       .       Parent=Smp_011960.1;Name=c43afdd3-
de79-4fc7-98cc-bfc807bbb676
SM_V9_ZSR       iris    exon    21679139        21679205        .
        -       .       Parent=Smp_011960.1;Name=e5db9de5-477e-4386-
a55a-6cd642a46acb
SM_V9_ZSR       iris    exon    21681261        21681353        .
        -       .       Parent=Smp_011960.1;Name=e7cc44e6-
bfc3-4d61-9a36-da1859f5ce14
SM_V9_ZSR       iris    exon    21681400        21681444        .
        -       .
Parent=Smp_011960.1;Name=5cfd49c7-7d85-4a32-8627-5ef041a05585
SM_V9_ZSR       iris    exon    21681480        21681554        .
        -       .       Parent=Smp_011960.1;Name=637eae84-538e-42ae-
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SM_V9_ZSR       iris    exon    21684282        21684447        .
        -       .
Parent=Smp_011960.1;Name=79634427-19d3-4256-8d2f-c866af998435
SM_V9_ZSR       iris    CDS     21661396        21661588        .
        -       1       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21662208        21662281        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21663012        21663093        .
        -       1       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21665021        21665201        .
        -       2       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21665751        21665920        .
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        -       1       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21667399        21667544        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21669709        21669781        .
        -       1       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21675157        21675215        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21676148        21676243        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21677586        21677710        .
        -       2       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21679139        21679205        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21681261        21681353        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21681400        21681444        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21681480        21681554        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       iris    CDS     21684282        21684326        .
        -       0       Parent=Smp_011960.1
SM_V9_ZSR       Liftoff gene    21709081        21717945        .
        +       .       ID=Smp_128560;geneID=Smp_128560
SM_V9_ZSR       Liftoff mRNA    21709081        21717945        .
        +       .
ID=Smp_128560.1;Parent=Smp_128560;geneID=Smp_128560;product=Transmem
brane and TPR repeat-containing protein
3;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734
Pfam:PF13181;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    21709081        21713700        .
        +       .       Parent=Smp_128560.1
SM_V9_ZSR       Liftoff exon    21717510        21717593        .
        +       .       Parent=Smp_128560.1
SM_V9_ZSR       Liftoff exon    21717681        21717945        .
        +       .       Parent=Smp_128560.1
SM_V9_ZSR       Liftoff CDS     21713668        21713700        .
        +       0       Parent=Smp_128560.1
SM_V9_ZSR       Liftoff CDS     21717510        21717593        .
        +       0       Parent=Smp_128560.1
SM_V9_ZSR       Liftoff CDS     21717681        21717911        .
        +       0       Parent=Smp_128560.1
SM_V9_ZSR       iris    gene    21719221        21731147        .
        +       .
ID=Smp_203500;geneID=Smp_203500;gene_name=Smp_203500;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    21719221        21731147        .
        +       .
ID=Smp_203500.1;Parent=Smp_203500;geneID=Smp_203500;gene_name=Smp_20
3500;owner=irisadmin@local.host;orig_id=Smp_203500.1;date_last_modif
ied=2022-07-20;Name=Smp_203500.1;product=Allatostatin-A
receptor;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    21719221        21719388        .
        +       .
Parent=Smp_203500.1;Name=4a81861e-0e6b-4d06-9448-6903578bdc58
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SM_V9_ZSR	iris	exon	21727176	21727244	.
	+	.	Parent=Smp_203500.1;Name=7461d8cb-4345-4873-
b841-2bf71e5697c2
SM_V9_ZSR	iris	exon	21729466	21731147	.
	+	.
Parent=Smp_203500.1;Name=06b7dffa-25ef-49ce-8d52-7ee8f238d346
SM_V9_ZSR	iris	CDS	21729522	21730712	.
	+	0	Parent=Smp_203500.1
SM_V9_ZSR	Liftoff	gene	21742611	21754255	.
	+	.
ID=Smp_342370;geneID=Smp_342370;previous_systematic_id=Smp_128550
SM_V9_ZSR	Liftoff	mRNA	21742611	21754255	.
	+	.
ID=Smp_342370.1;Parent=Smp_342370;geneID=Smp_342370;product=Tyrosine
-protein kinase
FRK;polypeptide_domain=InterPro:IPR000719,IPR000980,IPR001245,IPR001
452,IPR008266,IPR011009,IPR017441,IPR020635
Pfam:PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0005515,GO:00055
24,GO:0006468
SM_V9_ZSR	Liftoff	exon	21742611	21744016	.
	+	.	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	exon	21746672	21747090	.
	+	.	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	exon	21747995	21748151	.
	+	.	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	exon	21748844	21748975	.
	+	.	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	exon	21753863	21754255	.
	+	.	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	CDS	21742753	21744016	.
	+	0	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	CDS	21746672	21747090	.
	+	2	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	CDS	21747995	21748151	.
	+	0	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	CDS	21748844	21748975	.
	+	2	Parent=Smp_342370.1
SM_V9_ZSR	Liftoff	CDS	21753863	21754146	.
	+	2	Parent=Smp_342370.1
SM_V9_ZSR	iris	gene	21792941	21801277	.
	-	.
ID=Smp_128570;geneID=Smp_128570;gene_name=Smp_128570;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_ZSR	iris	mRNA	21792941	21801277	.
	-	.
ID=Smp_128570.1;Parent=Smp_128570;geneID=Smp_128570;gene_name=Smp_12
8570;owner=irisadmin@local.host;orig_id=Smp_128570.1;date_last_modif
ied=2022-11-13;Name=Smp_128570.1;product=Solute carrier family 25
member 46;date_creation=2022-08-03
SM_V9_ZSR	iris	exon	21792941	21794076	.
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Parent=Smp_128570.1;Name=f9113a35-2864-4a31-9992-d2dd1821bfdf
SM_V9_ZSR	iris	exon	21795106	21795414	.
	-	.	Parent=Smp_128570.1;Name=d32e4f41-
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e92d-4fa5-95bb-0cff9a6e403a
SM_V9_ZSR       iris    exon    21800516        21800573        .
        -       .       Parent=Smp_128570.1;Name=9999f1d6-43aa-4c1b-
b48c-408089e970ea
SM_V9_ZSR       iris    exon    21800609        21800665        .
        -       .
Parent=Smp_128570.1;Name=ffd84b67-0091-40b9-9197-c1efe6331944
SM_V9_ZSR       iris    exon    21800698        21800798        .
        -       .       Parent=Smp_128570.1;Name=25b7a7f1-deb0-4fd3-
a084-d6cd06008741
SM_V9_ZSR       iris    exon    21800834        21800969        .
        -       .       Parent=Smp_128570.1;Name=9b17a228-
e74a-40e1-963e-07d7837f58b8
SM_V9_ZSR       iris    exon    21801004        21801046        .
        -       .
Parent=Smp_128570.1;Name=dde9b9fb-0dc2-4d83-9bae-7637a706081b
SM_V9_ZSR       iris    exon    21801077        21801277        .
        -       .
Parent=Smp_128570.1;Name=2ff45975-95e4-48f7-813c-361427e642c5
SM_V9_ZSR       iris    CDS     21793480        21794076        .
        -       0       Parent=Smp_128570.1
SM_V9_ZSR       iris    CDS     21795106        21795414        .
        -       0       Parent=Smp_128570.1
SM_V9_ZSR       iris    CDS     21800516        21800573        .
        -       1       Parent=Smp_128570.1
SM_V9_ZSR       iris    CDS     21800609        21800665        .
        -       1       Parent=Smp_128570.1
SM_V9_ZSR       iris    CDS     21800698        21800798        .
        -       0       Parent=Smp_128570.1
SM_V9_ZSR       iris    CDS     21800834        21800969        .
        -       1       Parent=Smp_128570.1
SM_V9_ZSR       iris    CDS     21801004        21801046        .
        -       2       Parent=Smp_128570.1
SM_V9_ZSR       iris    CDS     21801077        21801212        .
        -       0       Parent=Smp_128570.1
SM_V9_ZSR       iris    gene    21824094        21831020        .
        -       .
ID=Smp_011980;geneID=Smp_011980;gene_name=Smp_011980;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    21824094        21831020        .
        -       .
ID=Smp_011980.1;Parent=Smp_011980;geneID=Smp_011980;gene_name=Smp_01
1980;owner=irisadmin@local.host;orig_id=Smp_011980.1;date_last_modif
ied=2022-08-03;Name=Smp_011980.1;product=General transcription
factor IIH subunit 1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    21824094        21825510        .
        -       .
Parent=Smp_011980.1;Name=7154e810-89a3-433b-826a-8583c9204b72
SM_V9_ZSR       iris    exon    21827103        21827620        .
        -       .
Parent=Smp_011980.1;Name=4257f1ea-5df9-4355-88be-68ceb0614fbb
SM_V9_ZSR       iris    exon    21830408        21830850        .
        -       .       Parent=Smp_011980.1;Name=90a328f2-7704-4bdf-
a97a-0e4087b71614
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SM_V9_ZSR	iris	exon	21830884	21831020	.
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Parent=Smp_011980.1;Name=b8e519dc-1832-4a90-8980-a55037e6890e
SM_V9_ZSR	iris	CDS	21824283	21825510	.
	-	1	Parent=Smp_011980.1
SM_V9_ZSR	iris	CDS	21827103	21827620	.
	-	0	Parent=Smp_011980.1
SM_V9_ZSR	iris	CDS	21830408	21830734	.
	-	0	Parent=Smp_011980.1
SM_V9_ZSR	iris	gene	21844527	21874180	.
	+	.
ID=Smp_011990;geneID=Smp_011990;gene_name=Smp_011990;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	21844527	21874180	.
	+	.
ID=Smp_011990.1;Parent=Smp_011990;geneID=Smp_011990;gene_name=Smp_01
1990;owner=irisadmin@local.host;orig_id=Smp_011990.1;date_last_modif
ied=2022-07-20;Name=Smp_011990.1;product=Beta-
galactosidase;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	21844527	21844753	.
	+	.
Parent=Smp_011990.1;Name=98202262-3149-4c01-9e15-ef6b862206ea
SM_V9_ZSR	iris	exon	21845229	21845379	.
	+	.
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SM_V9_ZSR	iris	exon	21845467	21845530	.
	+	.	Parent=Smp_011990.1;Name=66930c8b-7aac-43ab-
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SM_V9_ZSR	iris	exon	21847569	21847663	.
	+	.	Parent=Smp_011990.1;Name=87c46959-c272-4cc5-
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SM_V9_ZSR	iris	exon	21848548	21848731	.
	+	.
Parent=Smp_011990.1;Name=899befa9-77fd-4e1e-88a5-140e6c899dca
SM_V9_ZSR	iris	exon	21848998	21849059	.
	+	.
Parent=Smp_011990.1;Name=8161333c-9634-4014-842e-a7b6a07ab6f2
SM_V9_ZSR	iris	exon	21853108	21853235	.
	+	.	Parent=Smp_011990.1;Name=0663c904-0a34-4a1d-
bdce-ecf510876e32
SM_V9_ZSR	iris	exon	21856122	21856272	.
	+	.	Parent=Smp_011990.1;Name=0ca379df-
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SM_V9_ZSR	iris	exon	21858231	21858305	.
	+	.	Parent=Smp_011990.1;Name=66ba720e-ef42-4ffb-
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SM_V9_ZSR	iris	exon	21861595	21861669	.
	+	.	Parent=Smp_011990.1;Name=8c59844d-3d88-45ce-
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SM_V9_ZSR	iris	exon	21866234	21866356	.
	+	.	Parent=Smp_011990.1;Name=84d5141d-2d2f-4392-
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SM_V9_ZSR	iris	exon	21869148	21869282	.
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Parent=Smp_011990.1;Name=7774d42c-9bde-4c2a-8781-a7a4d7dcd454
SM_V9_ZSR       iris    exon    21870444        21870541        .
        +       .       Parent=Smp_011990.1;Name=64bc9193-
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SM_V9_ZSR       iris    exon    21872433        21872544        .
        +       .       Parent=Smp_011990.1;Name=a8a229e1-
c609-4277-9a6f-253572c422a0
SM_V9_ZSR       iris    exon    21873794        21874180        .
        +       .       Parent=Smp_011990.1;Name=69cf6ab0-be37-4bb2-
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SM_V9_ZSR       iris    CDS     21844632        21844753        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21845229        21845379        .
        +       1       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21845467        21845530        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21847569        21847663        .
        +       2       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21848548        21848731        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21848998        21849059        .
        +       2       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21853108        21853235        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21856122        21856272        .
        +       1       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21858231        21858305        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21861595        21861669        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21866234        21866356        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21869148        21869282        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21870444        21870541        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21872433        21872544        .
        +       1       Parent=Smp_011990.1
SM_V9_ZSR       iris    CDS     21873794        21873988        .
        +       0       Parent=Smp_011990.1
SM_V9_ZSR       Liftoff gene    21885903        21911597        .
        -       .       ID=Smp_012000;geneID=Smp_012000
SM_V9_ZSR       Liftoff mRNA    21885903        21911597        .
        -       .
ID=Smp_012000.1;Parent=Smp_012000;geneID=Smp_012000;product=nicotini
c acetylcholine receptor;evidence=Non-traceable Author
Statement;polypeptide_domain=InterPro:IPR006029,IPR006201,IPR006202,
IPR018000
Pfam:PF02931;Ontology_term=GO:0005216,GO:0005230,GO:0006811,GO:00160
21
SM_V9_ZSR       Liftoff exon    21885903        21888183        .
        -       .       Parent=Smp_012000.1
SM_V9_ZSR       Liftoff exon    21889540        21890200        .
        -       .       Parent=Smp_012000.1
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SM_V9_ZSR	Liftoff	exon	21893350	21893394	.
	-	.	Parent=Smp_012000.1
SM_V9_ZSR	Liftoff	exon	21894868	21895061	.
	-	.	Parent=Smp_012000.1
SM_V9_ZSR	Liftoff	exon	21898549	21911597	.
	-	.	Parent=Smp_012000.1
SM_V9_ZSR	Liftoff	CDS	21886613	21888183	.
	-	2	Parent=Smp_012000.1
SM_V9_ZSR	Liftoff	CDS	21889540	21890200	.
	-	0	Parent=Smp_012000.1
SM_V9_ZSR	Liftoff	CDS	21893350	21893394	.
	-	0	Parent=Smp_012000.1
SM_V9_ZSR	Liftoff	CDS	21894868	21895061	.
	-	2	Parent=Smp_012000.1
SM_V9_ZSR	Liftoff	CDS	21898549	21898795	.
	-	0	Parent=Smp_012000.1
SM_V9_ZSR	iris	gene	21934586	21962607	.
	-	.
ID=Smp_337150;geneID=Smp_337150;gene_name=Smp_337150;owner=irisadmin
@local.host;date_last_modified=2022-09-30;date_creation=2022-09-30
SM_V9_ZSR	iris	mRNA	21934586	21962607	.
	-	.
ID=Smp_337150.1;Parent=Smp_337150;geneID=Smp_337150;gene_name=Smp_33
7150;owner=irisadmin@local.host;orig_id=Smp_337150.1;date_last_modif
ied=2022-09-30;Name=Smp_337150.1;product=Pikachurin;date_creation=20
22-09-30
SM_V9_ZSR	iris	exon	21934586	21935263	.
	-	.	Parent=Smp_337150.1;Name=39a10266-
e624-4b13-8d5a-72d5813085f5
SM_V9_ZSR	iris	exon	21936509	21936603	.
	-	.	Parent=Smp_337150.1;Name=005e7fdc-
c2fc-472d-96d7-392268b0139c
SM_V9_ZSR	iris	exon	21938509	21938907	.
	-	.
Parent=Smp_337150.1;Name=71224de7-0a82-442d-9676-c64825ff0d2e
SM_V9_ZSR	iris	exon	21940490	21940571	.
	-	.	Parent=Smp_337150.1;Name=f989d50b-8c45-449e-
bb17-11e701e19e9e
SM_V9_ZSR	iris	exon	21944723	21944912	.
	-	.	Parent=Smp_337150.1;Name=c791411e-0135-4ee6-
a2df-edc3f08a6be3
SM_V9_ZSR	iris	exon	21946505	21946760	.
	-	.
Parent=Smp_337150.1;Name=69f01c51-3604-4a4a-888c-f209bb8a1133
SM_V9_ZSR	iris	exon	21947832	21948069	.
	-	.
Parent=Smp_337150.1;Name=c25de228-2372-433a-9733-3782dc46167f
SM_V9_ZSR	iris	exon	21948643	21948768	.
	-	.	Parent=Smp_337150.1;Name=6499c5b0-
c834-4316-8b71-9ce97fda1047
SM_V9_ZSR	iris	exon	21949427	21949673	.
	-	.	Parent=Smp_337150.1;Name=1b605ddf-
fb58-4c71-9375-f7472b378e0b
SM_V9_ZSR	iris	exon	21952743	21952920	.
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        -       .
Parent=Smp_337150.1;Name=5c5e2e44-183e-47fd-8941-711ea38080ea
SM_V9_ZSR       iris    exon    21954975        21955239        .
        -       .       Parent=Smp_337150.1;Name=959b81ec-
d788-4559-8f77-1a0bc5d3410c
SM_V9_ZSR       iris    exon    21959093        21959440        .
        -       .       Parent=Smp_337150.1;Name=dcff9de7-7cda-4db5-
a817-d66184f28ab9
SM_V9_ZSR       iris    exon    21962479        21962607        .
        -       .
Parent=Smp_337150.1;Name=723f287d-2610-45a5-911e-9ab9c3841d27
SM_V9_ZSR       iris    CDS     21935067        21935263        .
        -       2       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21936509        21936603        .
        -       1       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21938509        21938907        .
        -       1       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21940490        21940571        .
        -       2       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21944723        21944912        .
        -       0       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21946505        21946760        .
        -       1       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21947832        21948069        .
        -       2       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21948643        21948768        .
        -       2       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21949427        21949673        .
        -       0       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21952743        21952920        .
        -       1       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21954975        21955239        .
        -       2       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21959093        21959440        .
        -       2       Parent=Smp_337150.1
SM_V9_ZSR       iris    CDS     21962479        21962506        .
        -       0       Parent=Smp_337150.1
SM_V9_ZSR       Liftoff gene    21980041        21995545        .
        +       .       ID=Smp_012030;geneID=Smp_012030
SM_V9_ZSR       Liftoff mRNA    21980041        21995545        .
        +       .
ID=Smp_012030.1;Parent=Smp_012030;geneID=Smp_012030;product=Zinc
finger protein 407;polypeptide_domain=InterPro:IPR013087
Pfam:PF13909;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    21980041        21980327        .
        +       .       Parent=Smp_012030.1
SM_V9_ZSR       Liftoff exon    21982775        21982906        .
        +       .       Parent=Smp_012030.1
SM_V9_ZSR       Liftoff exon    21987013        21987165        .
        +       .       Parent=Smp_012030.1
SM_V9_ZSR       Liftoff exon    21987375        21987721        .
        +       .       Parent=Smp_012030.1
SM_V9_ZSR       Liftoff exon    21993084        21993312        .
        +       .       Parent=Smp_012030.1
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SM_V9_ZSR	Liftoff	exon	21995315	21995545	.
	+	.	Parent=Smp_012030.1
SM_V9_ZSR	Liftoff	CDS	21980219	21980327	.
	+	0	Parent=Smp_012030.1
SM_V9_ZSR	Liftoff	CDS	21982775	21982906	.
	+	2	Parent=Smp_012030.1
SM_V9_ZSR	Liftoff	CDS	21987013	21987165	.
	+	2	Parent=Smp_012030.1
SM_V9_ZSR	Liftoff	CDS	21987375	21987721	.
	+	2	Parent=Smp_012030.1
SM_V9_ZSR	Liftoff	CDS	21993084	21993312	.
	+	0	Parent=Smp_012030.1
SM_V9_ZSR	Liftoff	CDS	21995315	21995445	.
	+	2	Parent=Smp_012030.1
SM_V9_ZSR	iris	gene	22013212	22050432	.
	+	.
ID=Smp_128600;geneID=Smp_128600;gene_name=Smp_128600;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	22013212	22050432	.
	+	.
ID=Smp_128600.1;Parent=Smp_128600;geneID=Smp_128600;gene_name=Smp_12
8600;owner=irisadmin@local.host;orig_id=Smp_128600.1;date_last_modif
ied=2022-07-20;Name=Smp_128600.1;product=Chromodomain-helicase-DNA-
binding protein 5;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	22013212	22013361	.
	+	.	Parent=Smp_128600.1;Name=4999eca9-b9b8-400e-
a92f-078b5b5ef78f
SM_V9_ZSR	iris	exon	22016913	22017539	.
	+	.	Parent=Smp_128600.1;Name=d0f37673-b15f-4340-
b267-dc89b7b10f55
SM_V9_ZSR	iris	exon	22018545	22018605	.
	+	.	Parent=Smp_128600.1;Name=62a15654-b60b-49ab-
a59f-aea580e7e690
SM_V9_ZSR	iris	exon	22021352	22021769	.
	+	.	Parent=Smp_128600.1;Name=f086b7ec-3a38-4988-
b72b-d7bf884743af
SM_V9_ZSR	iris	exon	22022681	22023170	.
	+	.	Parent=Smp_128600.1;Name=db65d557-f52f-4f1d-
ace1-ea1cb7304b5f
SM_V9_ZSR	iris	exon	22023608	22023799	.
	+	.
Parent=Smp_128600.1;Name=3ac1cb66-8d08-47e5-9e02-8bd7c840bcb9
SM_V9_ZSR	iris	exon	22024857	22024993	.
	+	.	Parent=Smp_128600.1;Name=382d18dc-0bba-4bd1-
aa79-b44f06cbdd57
SM_V9_ZSR	iris	exon	22025989	22026151	.
	+	.
Parent=Smp_128600.1;Name=444bf8f3-6753-488f-9060-8fd73a8816ef
SM_V9_ZSR	iris	exon	22026909	22027030	.
	+	.
Parent=Smp_128600.1;Name=62920012-5bcb-4c1c-9971-9bc34f1ab2bc
SM_V9_ZSR	iris	exon	22028289	22028462	.
	+	.	Parent=Smp_128600.1;Name=e5fa35b5-6e82-4d0c-
b38f-75416e3f3c81
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SM_V9_ZSR	iris	exon	22028597	22028914	.
	+	.
Parent=Smp_128600.1;Name=e51f5851-4582-4da7-9cc0-fbc20f639154
SM_V9_ZSR	iris	exon	22030605	22030755	.
	+	.	Parent=Smp_128600.1;Name=35bfa192-
cce0-4cd4-8d00-3612177a1227
SM_V9_ZSR	iris	exon	22032935	22033430	.
	+	.	Parent=Smp_128600.1;Name=a3a7bbb1-
a9a4-413b-9828-b34c2aa39d95
SM_V9_ZSR	iris	exon	22034392	22034675	.
	+	.	Parent=Smp_128600.1;Name=7f66d90e-9dc7-46fe-
b973-78523c5ccbbf
SM_V9_ZSR	iris	exon	22037815	22038480	.
	+	.	Parent=Smp_128600.1;Name=2387e674-54e5-490a-
b758-a2687a3ab8ec
SM_V9_ZSR	iris	exon	22039548	22039810	.
	+	.
Parent=Smp_128600.1;Name=6d2f2c71-3516-4822-9462-185211a61bca
SM_V9_ZSR	iris	exon	22041748	22041900	.
	+	.	Parent=Smp_128600.1;Name=6b2da814-
d083-4f41-927a-0c4b6e4515b0
SM_V9_ZSR	iris	exon	22042582	22042714	.
	+	.	Parent=Smp_128600.1;Name=da341fe5-74f1-499e-
bdb6-a0d69c9dd054
SM_V9_ZSR	iris	exon	22043404	22043725	.
	+	.	Parent=Smp_128600.1;Name=e1438334-e3f2-4cd1-
b792-97526e72ad25
SM_V9_ZSR	iris	exon	22044629	22044916	.
	+	.	Parent=Smp_128600.1;Name=19079d46-
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SM_V9_ZSR	iris	exon	22048341	22049093	.
	+	.	Parent=Smp_128600.1;Name=b3730c8e-0889-44a0-
ab0e-5b0af34a06d7
SM_V9_ZSR	iris	exon	22050017	22050432	.
	+	.
Parent=Smp_128600.1;Name=d33ba7c9-9082-4258-8234-faf94f184daf
SM_V9_ZSR	iris	CDS	22017087	22017539	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22018545	22018605	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22021352	22021769	.
	+	2	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22022681	22023170	.
	+	1	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22023608	22023799	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22024857	22024993	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22025989	22026151	.
	+	1	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22026909	22027030	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22028289	22028462	.
	+	1	Parent=Smp_128600.1
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SM_V9_ZSR	iris	CDS	22028597	22028914	.
	+	1	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22030605	22030755	.
	+	1	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22032935	22033430	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22034392	22034675	.
	+	2	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22037815	22038480	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22039548	22039810	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22041748	22041900	.
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SM_V9_ZSR	iris	CDS	22042582	22042714	.
	+	1	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22043404	22043725	.
	+	0	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22044629	22044916	.
	+	2	Parent=Smp_128600.1
SM_V9_ZSR	iris	CDS	22048341	22048933	.
	+	2	Parent=Smp_128600.1
SM_V9_ZSR	Liftoff	gene	22059400	22059876	.
	-	.	ID=Smp_012050;geneID=Smp_012050
SM_V9_ZSR	Liftoff	mRNA	22059400	22059876	.
	-	.
ID=Smp_012050.1;Parent=Smp_012050;geneID=Smp_012050;product=BolA-
like protein 3;polypeptide_domain=InterPro:IPR002634 Pfam:PF01722
SM_V9_ZSR	Liftoff	exon	22059400	22059591	.
	-	.	Parent=Smp_012050.1
SM_V9_ZSR	Liftoff	exon	22059627	22059715	.
	-	.	Parent=Smp_012050.1
SM_V9_ZSR	Liftoff	exon	22059753	22059876	.
	-	.	Parent=Smp_012050.1
SM_V9_ZSR	Liftoff	CDS	22059535	22059591	.
	-	0	Parent=Smp_012050.1
SM_V9_ZSR	Liftoff	CDS	22059627	22059715	.
	-	2	Parent=Smp_012050.1
SM_V9_ZSR	Liftoff	CDS	22059753	22059840	.
	-	0	Parent=Smp_012050.1
SM_V9_ZSR	iris	gene	22059921	22060673	.
	-	.
ID=Smp_128610;geneID=Smp_128610;gene_name=Smp_128610;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_ZSR	iris	mRNA	22059921	22060673	.
	-	.
ID=Smp_128610.1;Parent=Smp_128610;geneID=Smp_128610;gene_name=Smp_12
8610;owner=irisadmin@local.host;orig_id=Smp_128610.1;date_last_modif
ied=2022-08-03;Name=Smp_128610.1;product=Cytochrome c oxidase
subunit 4 isoform 2, mitochondrial;date_creation=2022-08-03
SM_V9_ZSR	iris	exon	22059921	22060131	.
	-	.
Parent=Smp_128610.1;Name=c5fa806f-645b-4a60-975d-2b8bd517b7aa
SM_V9_ZSR	iris	exon	22060164	22060362	.
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Parent=Smp_128610.1;Name=1e3b7b5f-244e-45e3-8fa9-5cbb89093ae9
SM_V9_ZSR       iris    exon    22060396        22060673        .
        -       .       Parent=Smp_128610.1;Name=1b485dea-40ea-4de8-
a3b5-df9109918125
SM_V9_ZSR       iris    CDS     22059992        22060131        .
        -       2       Parent=Smp_128610.1
SM_V9_ZSR       iris    CDS     22060164        22060362        .
        -       0       Parent=Smp_128610.1
SM_V9_ZSR       iris    CDS     22060396        22060623        .
        -       0       Parent=Smp_128610.1
SM_V9_ZSR       Liftoff gene    22072591        22073371        .
        +       .       ID=Smp_012070;geneID=Smp_012070
SM_V9_ZSR       Liftoff mRNA    22072591        22073371        .
        +       .
ID=Smp_012070.1;Parent=Smp_012070;geneID=Smp_012070;product=RRP15-
like protein;polypeptide_domain=InterPro:IPR012459
Pfam:PF07890;Ontology_term=GO:0006364
SM_V9_ZSR       Liftoff exon    22072591        22072833        .
        +       .       Parent=Smp_012070.1
SM_V9_ZSR       Liftoff exon    22072871        22073371        .
        +       .       Parent=Smp_012070.1
SM_V9_ZSR       Liftoff CDS     22072633        22072833        .
        +       0       Parent=Smp_012070.1
SM_V9_ZSR       Liftoff CDS     22072871        22073179        .
        +       0       Parent=Smp_012070.1
SM_V9_ZSR       iris    gene    22080881        22103052        .
        +       .
ID=Smp_244860;geneID=Smp_244860;gene_name=Smp_244860;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    22080881        22103052        .
        +       .
ID=Smp_244860.1;Parent=Smp_244860;geneID=Smp_244860;gene_name=Smp_24
4860;owner=irisadmin@local.host;orig_id=Smp_244860.2;date_last_modif
ied=2022-07-20;Name=Smp_244860.1;product=Transmembrane protein 56-
B;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    22080881        22081139        .
        +       .       Parent=Smp_244860.1;Name=bbd91363-8d08-4292-
a02f-c6dd7bc55f37
SM_V9_ZSR       iris    exon    22085737        22085826        .
        +       .       Parent=Smp_244860.1;Name=b4537b92-7222-4d05-
ba8e-8e0cdd614cd8
SM_V9_ZSR       iris    exon    22088865        22088923        .
        +       .
Parent=Smp_244860.1;Name=bba6b197-1f2b-4459-9143-e620089c72e4
SM_V9_ZSR       iris    exon    22090696        22090790        .
        +       .       Parent=Smp_244860.1;Name=a278b1b9-
d0c9-4344-8407-d032f965e4c8
SM_V9_ZSR       iris    exon    22099172        22099245        .
        +       .
Parent=Smp_244860.1;Name=6dda0dae-9483-4191-9807-39843051c813
SM_V9_ZSR       iris    exon    22102468        22103052        .
        +       .       Parent=Smp_244860.1;Name=5021c8bf-
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SM_V9_ZSR	iris	CDS	22080940	22081139	.
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SM_V9_ZSR	iris	CDS	22085737	22085826	.
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SM_V9_ZSR	iris	CDS	22088865	22088923	.
	+	1	Parent=Smp_244860.1
SM_V9_ZSR	iris	CDS	22090696	22090790	.
	+	2	Parent=Smp_244860.1
SM_V9_ZSR	iris	CDS	22099172	22099245	.
	+	0	Parent=Smp_244860.1
SM_V9_ZSR	iris	CDS	22102468	22102777	.
	+	1	Parent=Smp_244860.1
SM_V9_ZSR	iris	gene	22103519	22120906	.
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ID=Smp_322720;geneID=Smp_322720;gene_name=Smp_322720;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-11-13
SM_V9_ZSR	iris	mRNA	22103519	22120906	.
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2720;owner=irisadmin@local.host;orig_id=Smp_322720.1;date_last_modif
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glucuronyltransferase 1;date_creation=2022-11-13
SM_V9_ZSR	iris	exon	22103519	22104921	.
	-	.
Parent=Smp_322720.1;Name=fd5cda24-754d-4de5-8e89-da39bf7bbad3
SM_V9_ZSR	iris	exon	22106782	22107010	.
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a396-d22ac35184a5
SM_V9_ZSR	iris	exon	22110636	22110767	.
	-	.	Parent=Smp_322720.1;Name=6b970e63-2b33-4432-
bfdd-c3c01dc88f27
SM_V9_ZSR	iris	exon	22114965	22115036	.
	-	.	Parent=Smp_322720.1;Name=c585cd0d-8112-4ad6-
bafe-8c49eefbaeb5
SM_V9_ZSR	iris	exon	22116707	22116790	.
	-	.	Parent=Smp_322720.1;Name=d489a2d3-130c-47da-
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SM_V9_ZSR	iris	exon	22118895	22118990	.
	-	.	Parent=Smp_322720.1;Name=9761ca89-e5cd-404f-
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SM_V9_ZSR	iris	exon	22120592	22120906	.
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Parent=Smp_322720.1;Name=32d44604-7a4d-43cc-83ca-c8342cb61d86
SM_V9_ZSR	iris	CDS	22104848	22104921	.
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SM_V9_ZSR	iris	CDS	22106782	22107010	.
	-	0	Parent=Smp_322720.1
SM_V9_ZSR	iris	CDS	22110636	22110767	.
	-	0	Parent=Smp_322720.1
SM_V9_ZSR	iris	CDS	22114965	22115036	.
	-	0	Parent=Smp_322720.1
SM_V9_ZSR	iris	CDS	22116707	22116790	.
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SM_V9_ZSR	iris	CDS	22118895	22118990	.
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SM_V9_ZSR       Liftoff gene    22134471        22138165        .
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SM_V9_ZSR       Liftoff mRNA    22134471        22138165        .
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complex component
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27408 Pfam:PF01138
SM_V9_ZSR       Liftoff exon    22134471        22134619        .
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SM_V9_ZSR       Liftoff exon    22134668        22134852        .
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SM_V9_ZSR       Liftoff exon    22136085        22136259        .
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SM_V9_ZSR       Liftoff exon    22137708        22138165        .
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SM_V9_ZSR       Liftoff CDS     22134502        22134619        .
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SM_V9_ZSR       Liftoff CDS     22134668        22134852        .
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SM_V9_ZSR       Liftoff CDS     22136085        22136259        .
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        +       2       Parent=Smp_012110.1
SM_V9_ZSR       Liftoff gene    22140342        22149137        .
        -       .       ID=Smp_128630;geneID=Smp_128630
SM_V9_ZSR       Liftoff mRNA    22140342        22149137        .
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ID=Smp_128630.1;Parent=Smp_128630;geneID=Smp_128630;product=Uncharac
terized protein Rv2075c
SM_V9_ZSR       Liftoff exon    22140342        22140861        .
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SM_V9_ZSR       Liftoff exon    22144143        22144320        .
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SM_V9_ZSR       Liftoff exon    22145805        22145974        .
        -       .       Parent=Smp_128630.1
SM_V9_ZSR       Liftoff exon    22147398        22147522        .
        -       .       Parent=Smp_128630.1
SM_V9_ZSR       Liftoff exon    22147555        22147647        .
        -       .       Parent=Smp_128630.1
SM_V9_ZSR       Liftoff exon    22147677        22147758        .
        -       .       Parent=Smp_128630.1
SM_V9_ZSR       Liftoff exon    22147794        22147831        .
        -       .       Parent=Smp_128630.1
SM_V9_ZSR       Liftoff exon    22149097        22149137        .
        -       .       Parent=Smp_128630.1
SM_V9_ZSR       Liftoff CDS     22140463        22140861        .
        -       0       Parent=Smp_128630.1
SM_V9_ZSR       Liftoff CDS     22144143        22144320        .
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SM_V9_ZSR       Liftoff CDS     22145805        22145974        .
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SM_V9_ZSR       Liftoff CDS     22149097        22149136        .
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SM_V9_ZSR       Liftoff gene    22161541        22192729        .
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ID=Smp_342380;geneID=Smp_342380;previous_systematic_id=Smp_128640
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ID=Smp_342380.1;Parent=Smp_342380;geneID=Smp_342380;product=LARGE
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2;polypeptide_domain=InterPro:IPR002495,IPR029044
Pfam:PF01501;Ontology_term=GO:0016757
SM_V9_ZSR       Liftoff exon    22161541        22163487        .
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SM_V9_ZSR       Liftoff exon    22171169        22171477        .
        +       .       Parent=Smp_342380.1
SM_V9_ZSR       Liftoff exon    22178498        22178593        .
        +       .       Parent=Smp_342380.1
SM_V9_ZSR       Liftoff exon    22182210        22182293        .
        +       .       Parent=Smp_342380.1
SM_V9_ZSR       Liftoff exon    22187039        22187110        .
        +       .       Parent=Smp_342380.1
SM_V9_ZSR       Liftoff exon    22188998        22189129        .
        +       .       Parent=Smp_342380.1
SM_V9_ZSR       Liftoff exon    22190292        22190559        .
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SM_V9_ZSR       Liftoff exon    22192489        22192729        .
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SM_V9_ZSR       Liftoff CDS     22163476        22163487        .
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SM_V9_ZSR       Liftoff CDS     22163522        22163618        .
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SM_V9_ZSR       Liftoff CDS     22170350        22170465        .
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SM_V9_ZSR       Liftoff CDS     22171169        22171477        .
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SM_V9_ZSR       Liftoff CDS     22178498        22178593        .
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SM_V9_ZSR       Liftoff CDS     22182210        22182293        .
        +       0       Parent=Smp_342380.1
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SM_V9_ZSR       Liftoff CDS     22188998        22189129        .
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SM_V9_ZSR       Liftoff CDS     22192489        22192562        .
        +       2       Parent=Smp_342380.1
SM_V9_ZSR       Liftoff gene    22200490        22202867        .
        -       .       ID=Smp_348260;geneID=Smp_348260;note=added
from PMID:29497070
SM_V9_ZSR       Liftoff mRNA    22200490        22202867        .
        -       .
ID=Smp_348260.1;Parent=Smp_348260;geneID=Smp_348260;product=Alpha-
toxin Amm8
SM_V9_ZSR       Liftoff exon    22200490        22201117        .
        -       .       Parent=Smp_348260.1
SM_V9_ZSR       Liftoff exon    22202680        22202867        .
        -       .       Parent=Smp_348260.1
SM_V9_ZSR       Liftoff CDS     22201082        22201117        .
        -       0       Parent=Smp_348260.1
SM_V9_ZSR       Liftoff CDS     22202680        22202754        .
        -       0       Parent=Smp_348260.1
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SM_V9_ZSR       iris    mRNA    22206881        22213775        .
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ied=2022-08-03;Name=Smp_128650.1;product=NudC domain-containing
protein 3;date_creation=2022-08-03
SM_V9_ZSR       iris    exon    22206881        22206948        .
        +       .       Parent=Smp_128650.1;Name=57575cdc-
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SM_V9_ZSR       iris    exon    22207692        22207813        .
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SM_V9_ZSR       iris    exon    22207850        22207931        .
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SM_V9_ZSR       iris    exon    22207970        22208033        .
        +       .       Parent=Smp_128650.1;Name=f2ce2d63-7fe1-433f-
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SM_V9_ZSR       iris    exon    22208071        22208188        .
        +       .       Parent=Smp_128650.1;Name=2d9a50a8-
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SM_V9_ZSR       iris    exon    22208225        22208333        .
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Parent=Smp_128650.1;Name=0be95825-327e-452a-88a8-179945cbaa7b
SM_V9_ZSR       iris    exon    22208376        22208543        .
        +       .       Parent=Smp_128650.1;Name=165daeac-5eb4-4984-
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SM_V9_ZSR       iris    exon    22212947        22213141        .
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Parent=Smp_128650.1;Name=bfbcbdbd-9f0a-43fc-91fd-09f11afbf3db
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SM_V9_ZSR       iris    CDS     22207707        22207813        .
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SM_V9_ZSR       iris    CDS     22207970        22208033        .
        +       0       Parent=Smp_128650.1
SM_V9_ZSR       iris    CDS     22208071        22208188        .
        +       2       Parent=Smp_128650.1
SM_V9_ZSR       iris    CDS     22208225        22208333        .
        +       1       Parent=Smp_128650.1
SM_V9_ZSR       iris    CDS     22208376        22208543        .
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SM_V9_ZSR       iris    CDS     22212947        22213141        .
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SM_V9_ZSR       iris    CDS     22213528        22213653        .
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ID=Smp_012150;geneID=Smp_012150;gene_name=Smp_012150;owner=irisadmin
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ID=Smp_012150.1;Parent=Smp_012150;geneID=Smp_012150;gene_name=Smp_01
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ied=2022-07-20;Name=Smp_012150.1;product=Zinc finger C4H2 domain-
containing protein;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    22216010        22216639        .
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SM_V9_ZSR       iris    exon    22219367        22219680        .
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SM_V9_ZSR       iris    exon    22223532        22223710        .
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Parent=Smp_012150.1;Name=5e662e7c-089e-419f-9155-536e633b26c8
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Parent=Smp_012150.1;Name=830d46d4-12c0-448d-970e-e17da6810aba
SM_V9_ZSR       iris    CDS     22216164        22216639        .
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SM_V9_ZSR       iris    CDS     22219367        22219680        .
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SM_V9_ZSR       iris    CDS     22223532        22223710        .
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ied=2022-07-20;Name=Smp_128660.1;product=KICSTOR complex protein
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SM_V9_ZSR       iris    exon    22259003        22259310        .
        +       .       Parent=Smp_128660.1;Name=79a2b85e-c9a9-4c57-
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SM_V9_ZSR       iris    exon    22263221        22263493        .
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Parent=Smp_128660.1;Name=38a8579e-83d4-4ebe-85ba-ff5301cdaae3
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SM_V9_ZSR       iris    exon    22271391        22271808        .
        +       .       Parent=Smp_128660.1;Name=6c6a9217-
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SM_V9_ZSR       iris    exon    22274413        22274791        .
        +       .
Parent=Smp_128660.1;Name=bb40f3e1-022c-4431-8746-379bd22c8d33
SM_V9_ZSR       iris    exon    22277462        22277730        .
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b27b-afb8f0788722
SM_V9_ZSR       iris    exon    22280473        22280994        .
        +       .
Parent=Smp_128660.1;Name=3976763a-487f-4c9c-9399-e8badd0deae4
SM_V9_ZSR       iris    exon    22287188        22287760        .
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        +       .
Parent=Smp_128660.1;Name=05cabfa4-1679-42ae-8db7-969c11722fa8
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        +       .       Parent=Smp_128660.1;Name=6d8f32bc-30d3-45cf-
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SM_V9_ZSR       iris    CDS     22247509        22256467        .
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SM_V9_ZSR       iris    CDS     22277462        22277730        .
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SM_V9_ZSR       iris    CDS     22280473        22280994        .
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SM_V9_ZSR       iris    CDS     22290453        22290638        .
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SM_V9_ZSR       iris    gene    22300036        22325378        .
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2880;owner=irisadmin@local.host;orig_id=Smp_302880.1;date_last_modif
ied=2022-09-30;Name=Smp_302880.1;product=Dual specificity testis-
specific protein kinase 1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    22300036        22300963        .
        -       .
Parent=Smp_302880.1;Name=e73b514f-7b07-4566-9a37-2c4bba1d2b0e
SM_V9_ZSR       iris    exon    22304073        22304244        .
        -       .       Parent=Smp_302880.1;Name=d63e5dca-
e9b3-414d-84d9-dfefc6c444c3
SM_V9_ZSR       iris    exon    22304697        22305304        .
        -       .       Parent=Smp_302880.1;Name=c4b71675-f50a-400a-
b94b-c382a6f18548
SM_V9_ZSR       iris    exon    22309972        22310121        .
        -       .       Parent=Smp_302880.1;Name=70f61701-bb56-45b2-
b732-d1e52a486833
SM_V9_ZSR       iris    exon    22318591        22318639        .
        -       .       Parent=Smp_302880.1;Name=b662381c-65a7-4c46-
b2df-879f2f2b5751
SM_V9_ZSR       iris    exon    22323610        22323722        .
        -       .       Parent=Smp_302880.1;Name=ed3c4828-6f42-43a2-
b7cd-36338815bc42
SM_V9_ZSR       iris    exon    22323760        22323966        .
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        -       .
Parent=Smp_302880.1;Name=f4f30fa1-63dd-4235-9a3b-df50d3016658
SM_V9_ZSR       iris    exon    22325315        22325378        .
        -       .       Parent=Smp_302880.1;Name=88ef9991-89ad-47fc-
a705-e1651e9b99fc
SM_V9_ZSR       iris    CDS     22300700        22300963        .
        -       0       Parent=Smp_302880.1
SM_V9_ZSR       iris    CDS     22304073        22304244        .
        -       1       Parent=Smp_302880.1
SM_V9_ZSR       iris    CDS     22304697        22305304        .
        -       0       Parent=Smp_302880.1
SM_V9_ZSR       iris    CDS     22309972        22310121        .
        -       0       Parent=Smp_302880.1
SM_V9_ZSR       iris    CDS     22318591        22318639        .
        -       1       Parent=Smp_302880.1
SM_V9_ZSR       iris    CDS     22323610        22323722        .
        -       0       Parent=Smp_302880.1
SM_V9_ZSR       iris    CDS     22323760        22323921        .
        -       0       Parent=Smp_302880.1
SM_V9_ZSR       iris    gene    22351845        22387037        .
        +       .
ID=Smp_128680;geneID=Smp_128680;gene_name=Smp_128680;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    22351845        22387037        .
        +       .
ID=Smp_128680.1;Parent=Smp_128680;geneID=Smp_128680;gene_name=Smp_12
8680;owner=irisadmin@local.host;orig_id=Smp_128680.2;date_last_modif
ied=2022-07-20;Name=Smp_128680.1;product=Sn1-specific diacylglycerol
lipase beta;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    22351845        22352067        .
        +       .       Parent=Smp_128680.1;Name=7e4a1d26-b664-4f5d-
acdf-90f59d0a7300
SM_V9_ZSR       iris    exon    22352101        22352173        .
        +       .
Parent=Smp_128680.1;Name=c18efe84-3775-49cf-840f-68f306881476
SM_V9_ZSR       iris    exon    22352213        22352431        .
        +       .       Parent=Smp_128680.1;Name=fd1cd34e-
f3bf-4c4c-884e-df173093f413
SM_V9_ZSR       iris    exon    22356297        22356629        .
        +       .       Parent=Smp_128680.1;Name=2af43814-67e2-437d-
b866-6997c0c6e975
SM_V9_ZSR       iris    exon    22361103        22361264        .
        +       .
Parent=Smp_128680.1;Name=e0a2a0d7-3f2f-40c3-9a86-6c907b915019
SM_V9_ZSR       iris    exon    22367553        22367698        .
        +       .
Parent=Smp_128680.1;Name=bb154206-2468-4f19-8c90-279877a1c6eb
SM_V9_ZSR       iris    exon    22374876        22375017        .
        +       .       Parent=Smp_128680.1;Name=903f75e7-7973-4e8d-
b71c-f4aa3e119a54
SM_V9_ZSR       iris    exon    22376888        22377282        .
        +       .
Parent=Smp_128680.1;Name=da37d3b3-6f5b-404a-9827-795668ed9769
SM_V9_ZSR       iris    exon    22379016        22379383        .
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e31b-46d3-8eb8-a1eca098aa49
SM_V9_ZSR       iris    exon    22380432        22380834        .
        +       .
Parent=Smp_128680.1;Name=a024dbd6-1f35-4914-8f47-2afd7a61cc15
SM_V9_ZSR       iris    exon    22385704        22387037        .
        +       .       Parent=Smp_128680.1;Name=f7aeab0f-9e5d-4820-
aa05-6d1028882582
SM_V9_ZSR       iris    CDS     22351973        22352067        .
        +       0       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22352101        22352173        .
        +       1       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22352213        22352431        .
        +       0       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22356297        22356629        .
        +       0       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22361103        22361264        .
        +       0       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22367553        22367698        .
        +       0       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22374876        22375017        .
        +       1       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22376888        22377282        .
        +       0       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22379016        22379383        .
        +       1       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22380432        22380834        .
        +       2       Parent=Smp_128680.1
SM_V9_ZSR       iris    CDS     22385704        22385947        .
        +       1       Parent=Smp_128680.1
SM_V9_ZSR       Liftoff gene    22401325        22406566        .
        +       .       ID=Smp_012200;geneID=Smp_012200
SM_V9_ZSR       Liftoff mRNA    22401325        22406566        .
        +       .
ID=Smp_012200.1;Parent=Smp_012200;geneID=Smp_012200;product=Zinc
finger protein 227;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096,PF12874;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    22401325        22404983        .
        +       .       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff exon    22405020        22405223        .
        +       .       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff exon    22405259        22405614        .
        +       .       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff exon    22405652        22406566        .
        +       .       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff CDS     22404599        22404983        .
        +       0       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff CDS     22405020        22405223        .
        +       2       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff CDS     22405259        22405614        .
        +       2       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff CDS     22405652        22405753        .
        +       0       Parent=Smp_012200.1
SM_V9_ZSR       Liftoff mRNA    22401325        22406566        .
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ID=Smp_012200.2;Parent=Smp_012200;geneID=Smp_012200;product=Zinc
finger protein 227;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096,PF12874;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    22401325        22404818        .
        +       .       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff exon    22404875        22404983        .
        +       .       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff exon    22405020        22405223        .
        +       .       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff exon    22405259        22405614        .
        +       .       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff exon    22405652        22406566        .
        +       .       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff CDS     22404801        22404818        .
        +       0       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff CDS     22404875        22404983        .
        +       0       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff CDS     22405020        22405223        .
        +       2       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff CDS     22405259        22405614        .
        +       2       Parent=Smp_012200.2
SM_V9_ZSR       Liftoff CDS     22405652        22405753        .
        +       0       Parent=Smp_012200.2
SM_V9_ZSR       iris    gene    22408586        22451721        .
        -       .
ID=Smp_128690;geneID=Smp_128690;gene_name=Smp_128690;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    22408586        22451721        .
        -       .
ID=Smp_128690.1;Parent=Smp_128690;geneID=Smp_128690;gene_name=Smp_12
8690;owner=irisadmin@local.host;orig_id=Smp_128690.1;date_last_modif
ied=2022-07-20;Name=Smp_128690.1;product=Glycine dehydrogenase
(decarboxylating), mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    22408586        22408961        .
        -       .       Parent=Smp_128690.1;Name=46f5ce9d-4c03-47c0-
a003-884b0d7c76c2
SM_V9_ZSR       iris    exon    22409980        22410173        .
        -       .
Parent=Smp_128690.1;Name=f759b732-3411-4626-9122-3440208f4ceb
SM_V9_ZSR       iris    exon    22411851        22412039        .
        -       .       Parent=Smp_128690.1;Name=4cf7a5fc-3d9e-4451-
abdc-d777a0d4180e
SM_V9_ZSR       iris    exon    22416005        22416305        .
        -       .       Parent=Smp_128690.1;Name=8588d5d0-75da-4fae-
b911-4af25b65580d
SM_V9_ZSR       iris    exon    22421635        22421910        .
        -       .       Parent=Smp_128690.1;Name=94b5e612-5f68-40da-
a927-3732f55d3ab4
SM_V9_ZSR       iris    exon    22422883        22423101        .
        -       .       Parent=Smp_128690.1;Name=5c88790d-7852-4ccf-
bea6-e8b8e8c4b5af
SM_V9_ZSR       iris    exon    22424976        22425182        .
        -       .       Parent=Smp_128690.1;Name=2d8f9e6d-febb-44bb-
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a44f-de0646313034
SM_V9_ZSR       iris    exon    22426223        22426309        .
        -       .       Parent=Smp_128690.1;Name=7beff533-ff00-453f-
b361-ca7f99194276
SM_V9_ZSR       iris    exon    22429327        22429458        .
        -       .       Parent=Smp_128690.1;Name=4f67e038-b792-4a0d-
a220-802bed3b070a
SM_V9_ZSR       iris    exon    22431150        22431375        .
        -       .       Parent=Smp_128690.1;Name=5e71c431-9bf1-4c64-
a5df-2211eec1eddf
SM_V9_ZSR       iris    exon    22433020        22433216        .
        -       .       Parent=Smp_128690.1;Name=df387e73-63f0-429a-
b1cc-f11167dd038c
SM_V9_ZSR       iris    exon    22433982        22434150        .
        -       .       Parent=Smp_128690.1;Name=458eebf0-4e4d-4638-
b82c-2d63186f182f
SM_V9_ZSR       iris    exon    22438570        22438647        .
        -       .
Parent=Smp_128690.1;Name=53bf0e02-1f68-4225-895e-37e219b06f81
SM_V9_ZSR       iris    exon    22439024        22439188        .
        -       .       Parent=Smp_128690.1;Name=56a4913c-56ef-4f5b-
bdc6-651569ecfb29
SM_V9_ZSR       iris    exon    22444579        22444714        .
        -       .       Parent=Smp_128690.1;Name=398d7da4-181a-452e-
b5ae-e3468980136c
SM_V9_ZSR       iris    exon    22445510        22445588        .
        -       .
Parent=Smp_128690.1;Name=fd3466e4-623b-4519-9d83-36d8b34143f6
SM_V9_ZSR       iris    exon    22451388        22451721        .
        -       .
Parent=Smp_128690.1;Name=78363c2a-93cb-4946-9c07-59f8af2fd408
SM_V9_ZSR       iris    CDS     22408755        22408961        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22409980        22410173        .
        -       2       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22411851        22412039        .
        -       2       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22416005        22416305        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22421635        22421910        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22422883        22423101        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22424976        22425182        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22426223        22426309        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22429327        22429458        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22431150        22431375        .
        -       1       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22433020        22433216        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22433982        22434150        .
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SM_V9_ZSR       iris    CDS     22438570        22438647        .
        -       1       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22439024        22439188        .
        -       1       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22444579        22444714        .
        -       2       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22445510        22445588        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       iris    CDS     22451388        22451648        .
        -       0       Parent=Smp_128690.1
SM_V9_ZSR       Liftoff gene    22458538        22465081        .
        -       .       ID=Smp_322730;geneID=Smp_322730
SM_V9_ZSR       Liftoff mRNA    22458538        22465081        .
        -       .
ID=Smp_322730.1;Parent=Smp_322730;geneID=Smp_322730;product=Thioredo
xin domain-containing protein
17;polypeptide_domain=InterPro:IPR010357,IPR012336 Pfam:PF06110
SM_V9_ZSR       Liftoff exon    22458538        22458715        .
        -       .       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff exon    22458765        22458846        .
        -       .       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff exon    22458883        22458964        .
        -       .       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff exon    22461022        22461155        .
        -       .       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff exon    22465009        22465081        .
        -       .       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff CDS     22458650        22458715        .
        -       0       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff CDS     22458765        22458846        .
        -       1       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff CDS     22458883        22458964        .
        -       2       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff CDS     22461022        22461155        .
        -       1       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff CDS     22465009        22465013        .
        -       0       Parent=Smp_322730.1
SM_V9_ZSR       Liftoff gene    22475841        22494935        .
        +       .
ID=Smp_337290;geneID=Smp_337290;previous_systematic_id=Smp_128310,Sm
p_128320,Smp_244850
SM_V9_ZSR       Liftoff mRNA    22475841        22494935        .
        +       .
ID=Smp_337290.1;Parent=Smp_337290;geneID=Smp_337290;product=Xylosylt
ransferase
oxt;polypeptide_domain=InterPro:IPR002889,IPR003406,IPR024448
Pfam:PF01822,PF02485,PF12529;Ontology_term=GO:0006024,GO:0008375,GO:
0016020,GO:0030158
SM_V9_ZSR       Liftoff exon    22475841        22476029        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22476069        22476261        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22476805        22477140        .
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SM_V9_ZSR       Liftoff exon    22481998        22482152        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22485157        22485362        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22485764        22485844        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22486956        22487172        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22490384        22490561        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22491597        22491764        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22492441        22492724        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff exon    22494211        22494935        .
        +       .       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22475910        22476029        .
        +       0       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22476069        22476261        .
        +       0       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22476805        22477140        .
        +       2       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22481998        22482152        .
        +       2       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22485157        22485362        .
        +       0       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22485764        22485844        .
        +       1       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22486956        22487172        .
        +       1       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22490384        22490561        .
        +       0       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22491597        22491764        .
        +       2       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22492441        22492724        .
        +       2       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff CDS     22494211        22494849        .
        +       0       Parent=Smp_337290.1
SM_V9_ZSR       Liftoff gene    22495645        22518183        .
        +       .
ID=Smp_244840;geneID=Smp_244840;previous_systematic_id=Smp_128320
SM_V9_ZSR       Liftoff mRNA    22495645        22518183        .
        +       .
ID=Smp_244840.1;Parent=Smp_244840;geneID=Smp_244840;product=NACHT
and WD repeat domain-containing protein
2;polypeptide_domain=InterPro:IPR011047,IPR015943;Ontology_term=GO:0
005515
SM_V9_ZSR       Liftoff exon    22495645        22496435        .
        +       .       Parent=Smp_244840.1
SM_V9_ZSR       Liftoff exon    22500890        22500978        .
        +       .       Parent=Smp_244840.1
SM_V9_ZSR       Liftoff exon    22502842        22502958        .
        +       .       Parent=Smp_244840.1
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SM_V9_ZSR	Liftoff	exon	22504351	22504578	.
	+	.	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	exon	22505724	22505865	.
	+	.	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	exon	22509273	22509670	.
	+	.	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	exon	22511834	22512328	.
	+	.	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	exon	22513450	22518183	.
	+	.	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22496333	22496435	.
	+	0	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22500890	22500978	.
	+	2	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22502842	22502958	.
	+	0	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22504351	22504578	.
	+	0	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22505724	22505865	.
	+	0	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22509273	22509670	.
	+	2	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22511834	22512328	.
	+	0	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	CDS	22513450	22518144	.
	+	0	Parent=Smp_244840.1
SM_V9_ZSR	Liftoff	gene	22544150	22557641	.
	-	.	ID=Smp_128330;geneID=Smp_128330
SM_V9_ZSR	Liftoff	mRNA	22544150	22557641	.
	-	.
ID=Smp_128330.1;Parent=Smp_128330;geneID=Smp_128330;product=Protein
FEV;polypeptide_domain=InterPro:IPR000418,IPR011991
Pfam:PF00178;Ontology_term=GO:0003700,GO:0006355,GO:0043565
SM_V9_ZSR	Liftoff	exon	22544150	22545596	.
	-	.	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	exon	22548713	22548736	.
	-	.	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	exon	22552487	22552600	.
	-	.	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	exon	22555317	22555997	.
	-	.	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	exon	22557593	22557641	.
	-	.	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	CDS	22544362	22545596	.
	-	2	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	CDS	22548713	22548736	.
	-	2	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	CDS	22552487	22552600	.
	-	2	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	CDS	22555317	22555997	.
	-	2	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	CDS	22557593	22557602	.
	-	0	Parent=Smp_128330.1
SM_V9_ZSR	Liftoff	mRNA	22544150	22557641	.
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Pfam:PF00178;Ontology_term=GO:0003700,GO:0006355,GO:0043565
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SM_V9_ZSR       Liftoff exon    22552487        22552600        .
        -       .       Parent=Smp_128330.2
SM_V9_ZSR       Liftoff exon    22555317        22555997        .
        -       .       Parent=Smp_128330.2
SM_V9_ZSR       Liftoff exon    22557593        22557641        .
        -       .       Parent=Smp_128330.2
SM_V9_ZSR       Liftoff CDS     22544362        22545596        .
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SM_V9_ZSR       Liftoff CDS     22552487        22552600        .
        -       2       Parent=Smp_128330.2
SM_V9_ZSR       Liftoff CDS     22555317        22555997        .
        -       2       Parent=Smp_128330.2
SM_V9_ZSR       Liftoff CDS     22557593        22557602        .
        -       0       Parent=Smp_128330.2
SM_V9_ZSR       Liftoff gene    22578155        22581059        .
        +       .       ID=Smp_128340;geneID=Smp_128340
SM_V9_ZSR       Liftoff mRNA    22578155        22581059        .
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ID=Smp_128340.1;Parent=Smp_128340;geneID=Smp_128340;product=CRISPR-
associated endonuclease Cas1;polypeptide_domain=InterPro:IPR027417
SM_V9_ZSR       Liftoff exon    22578155        22578368        .
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SM_V9_ZSR       Liftoff exon    22578885        22579213        .
        +       .       Parent=Smp_128340.1
SM_V9_ZSR       Liftoff exon    22580360        22581059        .
        +       .       Parent=Smp_128340.1
SM_V9_ZSR       Liftoff CDS     22578206        22578368        .
        +       0       Parent=Smp_128340.1
SM_V9_ZSR       Liftoff CDS     22578885        22579213        .
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SM_V9_ZSR       Liftoff CDS     22580360        22580920        .
        +       0       Parent=Smp_128340.1
SM_V9_ZSR       iris    gene    22619195        22634302        .
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ID=Smp_128350;geneID=Smp_128350;gene_name=Smp_128350;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    22619195        22634302        .
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ID=Smp_128350.1;Parent=Smp_128350;geneID=Smp_128350;gene_name=Smp_12
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ied=2022-07-20;Name=Smp_128350.1;product=Hypothetical
protein;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    22619195        22619683        .
        +       .       Parent=Smp_128350.1;Name=e03c1304-256e-45c9-
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SM_V9_ZSR       iris    exon    22621547        22622344        .
        +       .
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b60c-c7d2c0f205de
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SM_V9_ZSR       Liftoff gene    22657765        22688009        .
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SM_V9_ZSR       Liftoff mRNA    22657765        22688009        .
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Pfam:PF00390,PF03949;Ontology_term=GO:0004470,GO:0004471,GO:0051287,
GO:0055114
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SM_V9_ZSR       Liftoff exon    22660871        22661053        .
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SM_V9_ZSR       Liftoff exon    22667835        22667977        .
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SM_V9_ZSR       Liftoff exon    22670634        22670748        .
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SM_V9_ZSR       Liftoff exon    22671915        22672028        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22673890        22673987        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22675798        22675907        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22676041        22676132        .
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SM_V9_ZSR       Liftoff exon    22678589        22678762        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22681185        22681260        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22682389        22682486        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22686013        22686198        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22686287        22686449        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff exon    22687715        22688009        .
        -       .       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff CDS     22658169        22658426        .
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SM_V9_ZSR       Liftoff CDS     22660871        22661053        .
        -       0       Parent=Smp_128360.1
SM_V9_ZSR       Liftoff CDS     22667835        22667977        .
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SM_V9_ZSR       Liftoff CDS     22670634        22670748        .
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SM_V9_ZSR	Liftoff	CDS	22671915	22672028	.
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SM_V9_ZSR	Liftoff	CDS	22673890	22673987	.
	-	2	Parent=Smp_128360.1
SM_V9_ZSR	Liftoff	CDS	22675798	22675907	.
	-	1	Parent=Smp_128360.1
SM_V9_ZSR	Liftoff	CDS	22676041	22676132	.
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SM_V9_ZSR	Liftoff	CDS	22678589	22678762	.
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SM_V9_ZSR	Liftoff	CDS	22681185	22681260	.
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SM_V9_ZSR	Liftoff	CDS	22682389	22682486	.
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SM_V9_ZSR	Liftoff	CDS	22686013	22686198	.
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SM_V9_ZSR	Liftoff	CDS	22686287	22686449	.
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SM_V9_ZSR	Liftoff	CDS	22687715	22687716	.
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SM_V9_ZSR	iris	gene	22721515	22799173	.
	+	.
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SM_V9_ZSR	iris	mRNA	22721515	22799173	.
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ID=Smp_128370.1;Parent=Smp_128370;geneID=Smp_128370;gene_name=Smp_12
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	+	.	Parent=Smp_128370.1;Name=e94907c2-7eb7-4c6d-
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SM_V9_ZSR	iris	exon	22730910	22731040	.
	+	.	Parent=Smp_128370.1;Name=83765ee2-ea48-4067-
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SM_V9_ZSR	iris	exon	22734628	22734757	.
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Parent=Smp_128370.1;Name=00c2dfb7-0e0d-4dc9-97a2-1d1c19f2327a
SM_V9_ZSR	iris	exon	22737637	22737717	.
	+	.
Parent=Smp_128370.1;Name=bb3426a2-520c-444e-84b9-84e73e758b5c
SM_V9_ZSR	iris	exon	22742548	22742610	.
	+	.
Parent=Smp_128370.1;Name=1fc5d451-3a67-43cb-9c08-0afc11915bf4
SM_V9_ZSR	iris	exon	22749147	22749233	.
	+	.	Parent=Smp_128370.1;Name=296555f0-0edc-465a-
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SM_V9_ZSR	iris	exon	22750967	22751140	.
	+	.	Parent=Smp_128370.1;Name=dd7bee82-1481-44e3-
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SM_V9_ZSR	iris	exon	22752600	22752894	.
	+	.	Parent=Smp_128370.1;Name=5b917cd6-fc19-4daf-
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SM_V9_ZSR	iris	exon	22762097	22762260	.
	+	.	Parent=Smp_128370.1;Name=abeb7ce8-a4db-4867-
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SM_V9_ZSR	iris	exon	22764755	22764905	.
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SM_V9_ZSR	iris	exon	22766161	22766615	.
	+	.	Parent=Smp_128370.1;Name=e57cba93-
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SM_V9_ZSR	iris	exon	22767497	22767674	.
	+	.	Parent=Smp_128370.1;Name=e5fefff9-1439-4a9b-
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SM_V9_ZSR	iris	exon	22768190	22768501	.
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SM_V9_ZSR	iris	exon	22769667	22769838	.
	+	.
Parent=Smp_128370.1;Name=3a12105b-15d7-42f2-81ed-775d57bdeb10
SM_V9_ZSR	iris	exon	22770466	22770614	.
	+	.
Parent=Smp_128370.1;Name=66d415d5-9c71-414c-8310-1ddb25d94b32
SM_V9_ZSR	iris	exon	22772083	22772301	.
	+	.	Parent=Smp_128370.1;Name=478c518e-
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SM_V9_ZSR	iris	exon	22773833	22773931	.
	+	.
Parent=Smp_128370.1;Name=33ae2a43-9356-42b9-9657-4517dbea8191
SM_V9_ZSR	iris	exon	22774493	22774673	.
	+	.
Parent=Smp_128370.1;Name=d447c9aa-2c9a-46db-9cc6-27e67cb509bb
SM_V9_ZSR	iris	exon	22775570	22775850	.
	+	.	Parent=Smp_128370.1;Name=a2db9c4b-2b03-4901-
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SM_V9_ZSR	iris	exon	22776981	22777352	.
	+	.	Parent=Smp_128370.1;Name=91dd5a93-6030-47dc-
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SM_V9_ZSR	iris	exon	22780730	22781018	.
	+	.
Parent=Smp_128370.1;Name=06fddfc1-8e36-40ec-9b76-7296959dbdc3
SM_V9_ZSR	iris	exon	22783011	22783261	.
	+	.	Parent=Smp_128370.1;Name=e40200cb-eaee-494e-
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SM_V9_ZSR	iris	exon	22786291	22786464	.
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SM_V9_ZSR	iris	exon	22787240	22787518	.
	+	.	Parent=Smp_128370.1;Name=5ea2e087-
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SM_V9_ZSR	iris	exon	22789206	22789484	.
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Parent=Smp_128370.1;Name=86614fbe-9b37-4bf5-803a-af38fb3b1769
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SM_V9_ZSR	iris	exon	22789899	22790214	.
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SM_V9_ZSR	iris	exon	22791718	22791932	.
	+	.	Parent=Smp_128370.1;Name=29be39af-
cf51-4c67-809f-807f9b790ed3
SM_V9_ZSR	iris	exon	22792486	22792759	.
	+	.	Parent=Smp_128370.1;Name=a5a6d23e-75d7-49d4-
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SM_V9_ZSR	iris	exon	22794269	22794439	.
	+	.
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SM_V9_ZSR	iris	exon	22797710	22799173	.
	+	.
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SM_V9_ZSR	iris	CDS	22721549	22721665	.
	+	0	Parent=Smp_128370.1
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SM_V9_ZSR	iris	CDS	22734628	22734757	.
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SM_V9_ZSR	iris	CDS	22737637	22737717	.
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SM_V9_ZSR	iris	CDS	22742548	22742610	.
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SM_V9_ZSR	iris	CDS	22749147	22749233	.
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SM_V9_ZSR	iris	CDS	22752600	22752894	.
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SM_V9_ZSR	iris	CDS	22759989	22760269	.
	+	2	Parent=Smp_128370.1
SM_V9_ZSR	iris	CDS	22762097	22762260	.
	+	0	Parent=Smp_128370.1
SM_V9_ZSR	iris	CDS	22764755	22764905	.
	+	1	Parent=Smp_128370.1
SM_V9_ZSR	iris	CDS	22766161	22766615	.
	+	0	Parent=Smp_128370.1
SM_V9_ZSR	iris	CDS	22767497	22767674	.
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SM_V9_ZSR	iris	CDS	22768190	22768501	.
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SM_V9_ZSR	iris	CDS	22769667	22769838	.
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SM_V9_ZSR	iris	CDS	22770466	22770614	.
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SM_V9_ZSR	iris	CDS	22772083	22772301	.
	+	0	Parent=Smp_128370.1
SM_V9_ZSR	iris	CDS	22773833	22773931	.
	+	0	Parent=Smp_128370.1
SM_V9_ZSR	iris	CDS	22774493	22774673	.
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SM_V9_ZSR	iris	CDS	22775570	22775850	.
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SM_V9_ZSR       iris    CDS     22776981        22777352        .
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SM_V9_ZSR       iris    CDS     22783011        22783261        .
        +       2       Parent=Smp_128370.1
SM_V9_ZSR       iris    CDS     22786291        22786464        .
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        +       0       Parent=Smp_128370.1
SM_V9_ZSR       iris    CDS     22791718        22791932        .
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SM_V9_ZSR       iris    CDS     22792486        22792759        .
        +       0       Parent=Smp_128370.1
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        +       2       Parent=Smp_128370.1
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SM_V9_ZSR       iris    gene    22802075        22827039        .
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SM_V9_ZSR       iris    mRNA    22802075        22827039        .
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ID=Smp_011560.1;Parent=Smp_011560;geneID=Smp_011560;gene_name=Smp_01
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n=2022-08-20
SM_V9_ZSR       iris    exon    22802075        22803125        .
        -       .       Parent=Smp_011560.1;Name=8497342a-c01c-46e9-
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SM_V9_ZSR       iris    exon    22806133        22806216        .
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SM_V9_ZSR       iris    exon    22808798        22808883        .
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Parent=Smp_011560.1;Name=12e744d3-39f1-4236-8a8c-e84385ef5ef0
SM_V9_ZSR       iris    exon    22810142        22810208        .
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SM_V9_ZSR       iris    exon    22811910        22812026        .
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be25-75eda63a69b0
SM_V9_ZSR       iris    exon    22813771        22813845        .
        -       .
Parent=Smp_011560.1;Name=06dee057-599e-4347-8e2b-85d63dfb0ba5
SM_V9_ZSR       iris    exon    22820246        22820349        .
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SM_V9_ZSR	iris	CDS	22808798	22808883	.
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SM_V9_ZSR	iris	CDS	22810142	22810208	.
	-	0	Parent=Smp_011560.1
SM_V9_ZSR	iris	CDS	22811910	22812026	.
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SM_V9_ZSR	iris	CDS	22813771	22813845	.
	-	0	Parent=Smp_011560.1
SM_V9_ZSR	iris	CDS	22820246	22820349	.
	-	2	Parent=Smp_011560.1
SM_V9_ZSR	iris	CDS	22820890	22821046	.
	-	0	Parent=Smp_011560.1
SM_V9_ZSR	iris	CDS	22826846	22826899	.
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SM_V9_ZSR	Liftoff	mRNA	22843010	22843968	.
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ID=Smp_011570.1;Parent=Smp_011570;geneID=Smp_011570;product=40S
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Statement;polypeptide_domain=InterPro:IPR000876,IPR002942,IPR005824,
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Pfam:PF00467,PF00900,PF01479,PF08071,PF16121;Ontology_term=GO:000372
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SM_V9_ZSR	Liftoff	exon	22843123	22843651	.
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SM_V9_ZSR	Liftoff	exon	22843684	22843968	.
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SM_V9_ZSR	Liftoff	CDS	22843073	22843078	.
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SM_V9_ZSR	Liftoff	CDS	22843123	22843651	.
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SM_V9_ZSR	Liftoff	CDS	22843684	22843943	.
	+	2	Parent=Smp_011570.1
SM_V9_ZSR	Liftoff	gene	22849350	22859046	.
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SM_V9_ZSR	Liftoff	mRNA	22849350	22859046	.
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ID=Smp_190020.1;Parent=Smp_190020;geneID=Smp_190020;product=Glucose-
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SM_V9_ZSR	Liftoff	exon	22849350	22849695	.
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SM_V9_ZSR       Liftoff exon    22850243        22859046        .
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SM_V9_ZSR       Liftoff CDS     22849632        22849695        .
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SM_V9_ZSR       Liftoff CDS     22849740        22849870        .
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SM_V9_ZSR       Liftoff CDS     22850243        22850383        .
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SM_V9_ZSR       Liftoff mRNA    22849350        22859046        .
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homolog;polypeptide_domain=InterPro:IPR018618 Pfam:PF09783
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SM_V9_ZSR       Liftoff exon    22849740        22849870        .
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SM_V9_ZSR       Liftoff exon    22849905        22850003        .
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SM_V9_ZSR       Liftoff CDS     22849740        22849870        .
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SM_V9_ZSR       Liftoff CDS     22849905        22850003        .
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Pfam:PF00326,PF02897;Ontology_term=GO:0004252,GO:0006508,GO:0008236,
GO:0070008
SM_V9_ZSR       Liftoff exon    22886591        22891101        .
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SM_V9_ZSR	Liftoff	exon	22892970	22893214	.
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SM_V9_ZSR	Liftoff	exon	22894342	22894457	.
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SM_V9_ZSR	Liftoff	exon	22895269	22895414	.
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SM_V9_ZSR	Liftoff	exon	22896460	22896564	.
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SM_V9_ZSR	Liftoff	exon	22897979	22898092	.
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SM_V9_ZSR	Liftoff	exon	22902762	22902910	.
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SM_V9_ZSR	Liftoff	exon	22903605	22903721	.
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SM_V9_ZSR	Liftoff	CDS	22908464	22908529	.
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3;polypeptide_domain=InterPro:IPR001478,IPR001660,IPR001849,IPR01199
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SM_V9_ZSR	Liftoff	exon	22910071	22910416	.
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SM_V9_ZSR	Liftoff	exon	22917248	22917324	.
	-	.	Parent=Smp_214240.1
SM_V9_ZSR	Liftoff	exon	22917381	22917526	.
	-	.	Parent=Smp_214240.1
SM_V9_ZSR	Liftoff	exon	22918147	22918213	.
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SM_V9_ZSR	Liftoff	exon	22925523	22925674	.
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	-	.	Parent=Smp_214240.1
SM_V9_ZSR	Liftoff	exon	22943485	22943601	.
	-	.	Parent=Smp_214240.1
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	-	.	Parent=Smp_214240.1
SM_V9_ZSR	Liftoff	exon	22943804	22944197	.
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SM_V9_ZSR	Liftoff	CDS	22917381	22917526	.
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SM_V9_ZSR	Liftoff	CDS	22918147	22918213	.
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SM_V9_ZSR	Liftoff	CDS	22928419	22928487	.
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SM_V9_ZSR	Liftoff	CDS	22941218	22941277	.
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SM_V9_ZSR	Liftoff	CDS	22943485	22943601	.
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SM_V9_ZSR	Liftoff	CDS	22943804	22944197	.
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SM_V9_ZSR	Liftoff	CDS	22944232	22944301	.
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SM_V9_ZSR	Liftoff	mRNA	22916531	22917365	.
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SM_V9_ZSR	Liftoff	exon	22917094	22917365	.
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SM_V9_ZSR	Liftoff	CDS	22916562	22916631	.
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SM_V9_ZSR	Liftoff	CDS	22916666	22917059	.
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SM_V9_ZSR	Liftoff	CDS	22917094	22917328	.
	+	1	Parent=Smp_128390.1
SM_V9_ZSR	iris	gene	22972269	22993451	.
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ID=Smp_011640;geneID=Smp_011640;gene_name=Smp_011640;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	22972269	22993451	.
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ID=Smp_011640.1;Parent=Smp_011640;geneID=Smp_011640;gene_name=Smp_01
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ied=2022-07-20;Name=Smp_011640.1;product=Tryptophan synthase beta
chain;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	22972269	22972308	.
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SM_V9_ZSR	iris	exon	22974472	22974596	.
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Parent=Smp_011640.1;Name=939e669e-2d99-4e96-8703-a2424221c799
SM_V9_ZSR       iris    exon    22974792        22974814        .
        +       .
Parent=Smp_011640.1;Name=6e32c28f-8fe5-40de-9e28-c5484d8f5bf5
SM_V9_ZSR       iris    exon    22974853        22974895        .
        +       .       Parent=Smp_011640.1;Name=2589fed7-cd69-4729-
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SM_V9_ZSR       iris    exon    22974993        22975265        .
        +       .       Parent=Smp_011640.1;Name=ae8764fa-4689-4459-
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SM_V9_ZSR       iris    exon    22980096        22980399        .
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Parent=Smp_011640.1;Name=96d7955b-9234-4cab-8102-34be2d3ff8af
SM_V9_ZSR       iris    exon    22990472        22990534        .
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SM_V9_ZSR       iris    CDS     22974993        22975265        .
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SM_V9_ZSR       iris    CDS     22980096        22980399        .
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SM_V9_ZSR       iris    CDS     22990472        22990534        .
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SM_V9_ZSR       Liftoff gene    23011210        23059309        .
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SM_V9_ZSR       Liftoff mRNA    23011210        23059300        .
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ID=Smp_011660.3;Parent=Smp_011660;geneID=Smp_011660;product=Calcium/
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chain;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0
13543,IPR032710
Pfam:PF00069,PF08332;Ontology_term=GO:0004672,GO:0004683,GO:0005516,
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SM_V9_ZSR	Liftoff	exon	23018434	23018509	.
	-	.	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	exon	23033547	23033663	.
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SM_V9_ZSR	Liftoff	exon	23034269	23034286	.
	-	.	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	exon	23034564	23034606	.
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SM_V9_ZSR	Liftoff	exon	23044177	23044185	.
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SM_V9_ZSR	Liftoff	exon	23045900	23046022	.
	-	.	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	exon	23047276	23047370	.
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SM_V9_ZSR	Liftoff	exon	23052138	23052240	.
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	-	2	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	CDS	23014985	23015079	.
	-	1	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	CDS	23018434	23018509	.
	-	2	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	CDS	23033547	23033663	.
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SM_V9_ZSR	Liftoff	CDS	23034269	23034286	.
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SM_V9_ZSR	Liftoff	CDS	23037016	23037099	.
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SM_V9_ZSR	Liftoff	CDS	23044177	23044185	.
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SM_V9_ZSR	Liftoff	CDS	23045900	23046022	.
	-	0	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	CDS	23047276	23047370	.
	-	2	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	CDS	23048533	23048616	.
	-	2	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	CDS	23052138	23052240	.
	-	0	Parent=Smp_011660.3
SM_V9_ZSR	Liftoff	CDS	23053744	23053809	.
	-	0	Parent=Smp_011660.3
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SM_V9_ZSR	Liftoff	mRNA	23011210	23059301	.
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ID=Smp_011660.1;Parent=Smp_011660;geneID=Smp_011660;product=Calcium/
calmodulin-dependent protein kinase type II alpha
chain;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0
13543,IPR017441,IPR032710
Pfam:PF00069,PF08332;Ontology_term=GO:0004672,GO:0004683,GO:0005516,
GO:0005524,GO:0006468
SM_V9_ZSR	Liftoff	exon	23011210	23013851	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23013956	23014073	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23014985	23015079	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23018434	23018509	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23033547	23033663	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23034269	23034286	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23034564	23034606	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23037016	23037099	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23045900	23046022	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23047276	23047370	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23048533	23048616	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23052138	23052240	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23053744	23053816	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23054078	23054143	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23055686	23055740	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23057866	23057925	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23059017	23059111	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	exon	23059197	23059301	.
	-	.	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23013677	23013851	.
	-	1	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23013956	23014073	.
	-	2	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23014985	23015079	.
	-	1	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23018434	23018509	.
	-	2	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23033547	23033663	.
	-	2	Parent=Smp_011660.1
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SM_V9_ZSR	Liftoff	CDS	23034269	23034286	.	-	2	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23034564	23034606	.	-	0	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23037016	23037099	.	-	0	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23045900	23046022	.	-	0	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23047276	23047370	.	-	2	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23048533	23048616	.	-	2	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23052138	23052240	.	-	0	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23053744	23053816	.	-	1	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23054078	23054143	.	-	1	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23055686	23055740	.	-	2	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23057866	23057925	.	-	2	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23059017	23059111	.	-	1	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	CDS	23059197	23059255	.	-	0	Parent=Smp_011660.1
SM_V9_ZSR	Liftoff	mRNA	23011210	23059309	.	-	.
ID=Smp_011660.2;Parent=Smp_011660;geneID=Smp_011660;product=Calcium/
calmodulin-dependent protein kinase type II alpha
chain;polypeptide_domain=InterPro:IPR000719,IPR008271,IPR011009,IPR0
13543,IPR017441,IPR032710
Pfam:PF00069,PF08332;Ontology_term=GO:0004672,GO:0004683,GO:0005516,
GO:0005524,GO:0006468
SM_V9_ZSR	Liftoff	exon	23011210	23013851	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23013956	23014073	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23014985	23015079	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23018434	23018509	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23032881	23032928	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23033547	23033663	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23034564	23034606	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23037016	23037099	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23045900	23046022	.	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23047276	23047370	.	-	.	Parent=Smp_011660.2
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SM_V9_ZSR	Liftoff	exon	23048533	23048616	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23052138	23052240	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23053744	23053816	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23054078	23054143	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23055686	23055740	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23057866	23057925	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23059017	23059111	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	exon	23059197	23059309	.
	-	.	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23013677	23013851	.
	-	1	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23013956	23014073	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23014985	23015079	.
	-	1	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23018434	23018509	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23032881	23032928	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23033547	23033663	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23034564	23034606	.
	-	0	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23037016	23037099	.
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SM_V9_ZSR	Liftoff	CDS	23045900	23046022	.
	-	0	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23047276	23047370	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23048533	23048616	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23052138	23052240	.
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SM_V9_ZSR	Liftoff	CDS	23053744	23053816	.
	-	1	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23054078	23054143	.
	-	1	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23055686	23055740	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23057866	23057925	.
	-	2	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23059017	23059111	.
	-	1	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	CDS	23059197	23059255	.
	-	0	Parent=Smp_011660.2
SM_V9_ZSR	Liftoff	gene	23119224	23154176	.
	-	.	ID=Smp_011680;geneID=Smp_011680
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SM_V9_ZSR	Liftoff	mRNA	23119224	23145754	.	-	.	ID=Smp_011680.2;Parent=Smp_011680;geneID=Smp_011680;product=CD36-like class B scavenger receptor;evidence=Traceable Author Statement;literature=PMID:16427708;polypeptide_domain=InterPro:IPR002159 Pfam:PF01130;Ontology_term=GO:0016020
SM_V9_ZSR	Liftoff	exon	23119224	23120148	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23124143	23124436	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23126664	23126724	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23127826	23127896	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23128805	23129074	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23131603	23131730	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23133393	23133442	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23134393	23134484	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23137298	23137468	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23139790	23139943	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23140110	23140267	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	exon	23141191	23145754	.	-	.	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23120089	23120148	.	-	0	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23124143	23124436	.	-	0	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23126664	23126724	.	-	1	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23127826	23127896	.	-	0	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23128805	23129074	.	-	0	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23131603	23131730	.	-	2	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23133393	23133442	.	-	1	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23134393	23134484	.	-	0	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23137298	23137468	.	-	0	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23139790	23139943	.	-	1	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23140110	23140267	.	-	0	Parent=Smp_011680.2
SM_V9_ZSR	Liftoff	CDS	23141191	23141319	.	-	0	Parent=Smp_011680.2
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SM_V9_ZSR       Liftoff mRNA    23119224        23154176        .
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ID=Smp_011680.1;Parent=Smp_011680;geneID=Smp_011680;product=Scavenge
r receptor class B member 1;polypeptide_domain=InterPro:IPR002159
Pfam:PF01130;Ontology_term=GO:0016020
SM_V9_ZSR       Liftoff exon    23119224        23120148        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23124143        23124436        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23126664        23126724        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23127826        23127896        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23128805        23129074        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23131603        23131730        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23133393        23133442        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23134393        23134484        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23137298        23137468        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23139790        23139943        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23140110        23140267        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff exon    23141191        23154176        .
        -       .       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23120089        23120148        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23124143        23124436        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23126664        23126724        .
        -       1       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23127826        23127896        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23128805        23129074        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23131603        23131730        .
        -       2       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23133393        23133442        .
        -       1       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23134393        23134484        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23137298        23137468        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23139790        23139943        .
        -       1       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23140110        23140267        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff CDS     23141191        23141319        .
        -       0       Parent=Smp_011680.1
SM_V9_ZSR       Liftoff gene    23237500        23288231        .
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ID=Smp_011700;geneID=Smp_011700;previous_systematic_id=Smp_011690
SM_V9_ZSR       Liftoff mRNA    23237500        23288231        .
        +       .
ID=Smp_011700.1;Parent=Smp_011700;geneID=Smp_011700;product=Tyrosine
-protein kinase transforming protein
ros;polypeptide_domain=InterPro:IPR000719,IPR001245,IPR002011,IPR003
961,IPR008266,IPR011009,IPR013783,IPR017441,IPR020635
Pfam:PF07714;Ontology_term=GO:0004672,GO:0004713,GO:0004714,GO:00055
15,GO:0005524,GO:0006468,GO:0007169,GO:0016020
SM_V9_ZSR       Liftoff exon    23237500        23238376        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23251110        23251305        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23252871        23252994        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23261259        23261453        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23266608        23266729        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23269440        23269798        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23273986        23274422        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23276658        23276855        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23284530        23284664        .
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SM_V9_ZSR       Liftoff exon    23285557        23285720        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff exon    23286425        23288231        .
        +       .       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23238119        23238376        .
        +       0       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23251110        23251305        .
        +       0       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23252871        23252994        .
        +       2       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23261259        23261453        .
        +       1       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23266608        23266729        .
        +       1       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23269440        23269798        .
        +       2       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23273986        23274422        .
        +       0       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23276658        23276855        .
        +       1       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23284530        23284664        .
        +       1       Parent=Smp_011700.1
SM_V9_ZSR       Liftoff CDS     23285557        23285720        .
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SM_V9_ZSR       Liftoff CDS     23286425        23287539        .
        +       2       Parent=Smp_011700.1
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SM_V9_ZSR	iris	gene	23294519	23308444	.
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	23294519	23308444	.
	-	.
ID=Smp_011710.1;Parent=Smp_011710;geneID=Smp_011710;gene_name=Smp_01
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ied=2022-07-20;Name=Smp_011710.1;product=Protein AAR2
homolog;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	23294519	23295285	.
	-	.	Parent=Smp_011710.1;Name=c9d0201c-
e65d-4761-91b6-60e407ac1a38
SM_V9_ZSR	iris	exon	23295882	23296104	.
	-	.	Parent=Smp_011710.1;Name=6d943973-d8de-46e1-
bd00-61e1ee9cebca
SM_V9_ZSR	iris	exon	23297293	23297509	.
	-	.	Parent=Smp_011710.1;Name=fa1e7915-
f845-43a9-8b51-3a923777f771
SM_V9_ZSR	iris	exon	23298469	23298565	.
	-	.
Parent=Smp_011710.1;Name=93947c76-1109-429b-8b8e-163f0299295d
SM_V9_ZSR	iris	exon	23298618	23298718	.
	-	.	Parent=Smp_011710.1;Name=8c3b787d-b547-41b3-
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SM_V9_ZSR	iris	exon	23299692	23300001	.
	-	.	Parent=Smp_011710.1;Name=65a09aa4-8325-48e1-
ba51-0e39ebfdeaa6
SM_V9_ZSR	iris	exon	23308311	23308444	.
	-	.
Parent=Smp_011710.1;Name=1b57bf4b-4523-4310-842f-e4497f98f7f4
SM_V9_ZSR	iris	CDS	23294771	23295285	.
	-	2	Parent=Smp_011710.1
SM_V9_ZSR	iris	CDS	23295882	23296104	.
	-	0	Parent=Smp_011710.1
SM_V9_ZSR	iris	CDS	23297293	23297509	.
	-	1	Parent=Smp_011710.1
SM_V9_ZSR	iris	CDS	23298469	23298565	.
	-	2	Parent=Smp_011710.1
SM_V9_ZSR	iris	CDS	23298618	23298718	.
	-	1	Parent=Smp_011710.1
SM_V9_ZSR	iris	CDS	23299692	23299828	.
	-	0	Parent=Smp_011710.1
SM_V9_ZSR	iris	gene	23336603	23346967	.
	+	.
ID=Smp_102840;geneID=Smp_102840;gene_name=Smp_102840;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	23336603	23346967	.
	+	.
ID=Smp_102840.1;Parent=Smp_102840;geneID=Smp_102840;gene_name=Smp_10
2840;owner=irisadmin@local.host;orig_id=Smp_102840.1;date_last_modif
ied=2022-07-20;Name=Smp_102840.1;product=28S ribosomal protein S2,
mitochondrial;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	23336603	23336649	.
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        +       .       Parent=Smp_102840.1;Name=4030e0ec-
ccc7-48df-9908-9d5e0ab66e58
SM_V9_ZSR       iris    exon    23339862        23339977        .
        +       .
Parent=Smp_102840.1;Name=45b7a9e3-7f23-4ca9-8e27-0c8e3c45225b
SM_V9_ZSR       iris    exon    23345086        23345432        .
        +       .       Parent=Smp_102840.1;Name=acc0eb27-05fe-4c84-
a93b-bd1bba8f6516
SM_V9_ZSR       iris    exon    23346408        23346967        .
        +       .       Parent=Smp_102840.1;Name=6f64f916-a7b0-4014-
b642-ea19444cd93d
SM_V9_ZSR       iris    CDS     23339944        23339977        .
        +       0       Parent=Smp_102840.1
SM_V9_ZSR       iris    CDS     23345086        23345432        .
        +       2       Parent=Smp_102840.1
SM_V9_ZSR       iris    CDS     23346408        23346794        .
        +       0       Parent=Smp_102840.1
SM_V9_ZSR       Liftoff gene    23349704        23350189        .
        -       .       ID=Smp_179460;geneID=Smp_179460
SM_V9_ZSR       Liftoff mRNA    23349704        23350189        .
        -       .
ID=Smp_179460.1;Parent=Smp_179460;geneID=Smp_179460;product=Methiony
l-tRNA
formyltransferase;polypeptide_domain=InterPro:IPR004202;Ontology_ter
m=GO:0004129
SM_V9_ZSR       Liftoff exon    23349704        23350115        .
        -       .       Parent=Smp_179460.1
SM_V9_ZSR       Liftoff exon    23350155        23350189        .
        -       .       Parent=Smp_179460.1
SM_V9_ZSR       Liftoff CDS     23349885        23350115        .
        -       0       Parent=Smp_179460.1
SM_V9_ZSR       Liftoff CDS     23350155        23350166        .
        -       0       Parent=Smp_179460.1
SM_V9_ZSR       Liftoff gene    23362343        23368927        .
        +       .       ID=Smp_011720;geneID=Smp_011720
SM_V9_ZSR       Liftoff mRNA    23362343        23368927        .
        +       .
ID=Smp_011720.1;Parent=Smp_011720;geneID=Smp_011720;product=PHD
finger-like domain-containing protein
5A;polypeptide_domain=InterPro:IPR005345 Pfam:PF03660
SM_V9_ZSR       Liftoff exon    23362343        23368412        .
        +       .       Parent=Smp_011720.1
SM_V9_ZSR       Liftoff exon    23368450        23368640        .
        +       .       Parent=Smp_011720.1
SM_V9_ZSR       Liftoff exon    23368684        23368927        .
        +       .       Parent=Smp_011720.1
SM_V9_ZSR       Liftoff CDS     23368361        23368412        .
        +       0       Parent=Smp_011720.1
SM_V9_ZSR       Liftoff CDS     23368450        23368640        .
        +       2       Parent=Smp_011720.1
SM_V9_ZSR       Liftoff CDS     23368684        23368773        .
        +       0       Parent=Smp_011720.1
SM_V9_ZSR       iris    gene    23372141        23376039        .
        -       .
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ID=Smp_128420;geneID=Smp_128420;gene_name=Smp_128420;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    23372141        23376039        .
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ID=Smp_128420.1;Parent=Smp_128420;geneID=Smp_128420;gene_name=Smp_12
8420;owner=irisadmin@local.host;orig_id=Smp_128420.1;date_last_modif
ied=2022-07-20;Name=Smp_128420.1;product=Protein
CASC3;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23372141        23372575        .
        -       .
Parent=Smp_128420.1;Name=b5bc8f09-28f6-416e-9720-a3bd4317e8f8
SM_V9_ZSR       iris    exon    23373777        23375891        .
        -       .       Parent=Smp_128420.1;Name=680ef084-
e53d-48ea-8607-41883c4570df
SM_V9_ZSR       iris    exon    23375941        23376039        .
        -       .
Parent=Smp_128420.1;Name=15e5dd16-3b6a-4e97-991c-c3188cd2721d
SM_V9_ZSR       iris    CDS     23372403        23372575        .
        -       2       Parent=Smp_128420.1
SM_V9_ZSR       iris    CDS     23373777        23375891        .
        -       2       Parent=Smp_128420.1
SM_V9_ZSR       iris    CDS     23375941        23375953        .
        -       0       Parent=Smp_128420.1
SM_V9_ZSR       iris    mRNA    23373025        23376039        .
        -       .
ID=Smp_128420.2;Parent=Smp_128420;geneID=Smp_128420;gene_name=Smp_12
8420;owner=irisadmin@local.host;orig_id=Smp_128420.2;date_last_modif
ied=2022-07-20;Name=Smp_128420.2;product=Protein
CASC3;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23373025        23373626        .
        -       .       Parent=Smp_128420.2;Name=987d48b7-
ea49-4ea3-9e3b-e8f1e1346f91
SM_V9_ZSR       iris    exon    23373777        23375891        .
        -       .       Parent=Smp_128420.2;Name=7032da83-81d4-4611-
a048-13587c50806f
SM_V9_ZSR       iris    exon    23375941        23376039        .
        -       .       Parent=Smp_128420.2;Name=a8160d7f-f041-4283-
a8cf-80a4817f6789
SM_V9_ZSR       iris    CDS     23373592        23373626        .
        -       2       Parent=Smp_128420.2
SM_V9_ZSR       iris    CDS     23373777        23375891        .
        -       2       Parent=Smp_128420.2
SM_V9_ZSR       iris    CDS     23375941        23375953        .
        -       0       Parent=Smp_128420.2
SM_V9_ZSR       iris    gene    23385309        23392116        .
        +       .
ID=Smp_305030;geneID=Smp_305030;gene_name=Smp_305030;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    23385309        23392116        .
        +       .
ID=Smp_305030.1;Parent=Smp_305030;geneID=Smp_305030;gene_name=Smp_30
5030;owner=irisadmin@local.host;orig_id=Smp_305030.3;date_last_modif
ied=2022-07-20;Name=Smp_305030.1;product=B9 domain-containing
protein 1;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	23385309	23385405	.
	+	.
Parent=Smp_305030.1;Name=f6138472-652c-4577-988b-699c7c4425fc
SM_V9_ZSR	iris	exon	23385447	23385515	.
	+	.	Parent=Smp_305030.1;Name=0cb0f8cb-
f89e-4efd-8923-848b321ce1d6
SM_V9_ZSR	iris	exon	23385556	23385667	.
	+	.	Parent=Smp_305030.1;Name=afd04b06-af48-4c9c-
a2cd-ca0f23dfb357
SM_V9_ZSR	iris	exon	23385699	23385795	.
	+	.	Parent=Smp_305030.1;Name=12803cbe-
c3e5-46cf-95d2-d94a90fff19c
SM_V9_ZSR	iris	exon	23385837	23385872	.
	+	.	Parent=Smp_305030.1;Name=b9cc5ce5-36ef-4eaa-
accb-67c287451066
SM_V9_ZSR	iris	exon	23388132	23388262	.
	+	.
Parent=Smp_305030.1;Name=1a0b5896-88b2-4362-8fdc-38acf8c140d9
SM_V9_ZSR	iris	exon	23391855	23392116	.
	+	.	Parent=Smp_305030.1;Name=e5c334b1-d1ed-4490-
a3ed-4c865a5a0da0
SM_V9_ZSR	iris	CDS	23385337	23385405	.
	+	0	Parent=Smp_305030.1
SM_V9_ZSR	iris	CDS	23385447	23385515	.
	+	0	Parent=Smp_305030.1
SM_V9_ZSR	iris	CDS	23385556	23385667	.
	+	0	Parent=Smp_305030.1
SM_V9_ZSR	iris	CDS	23385699	23385795	.
	+	2	Parent=Smp_305030.1
SM_V9_ZSR	iris	CDS	23385837	23385872	.
	+	1	Parent=Smp_305030.1
SM_V9_ZSR	iris	CDS	23388132	23388262	.
	+	1	Parent=Smp_305030.1
SM_V9_ZSR	iris	CDS	23391855	23392000	.
	+	2	Parent=Smp_305030.1
SM_V9_ZSR	Liftoff	gene	23405157	23406760	.
	-	.	ID=Smp_131170;geneID=Smp_131170
SM_V9_ZSR	Liftoff	mRNA	23405157	23406760	.
	-	.
ID=Smp_131170.1;Parent=Smp_131170;geneID=Smp_131170;product=Probable
DNA-directed RNA polymerase
SM_V9_ZSR	Liftoff	exon	23405157	23405306	.
	-	.	Parent=Smp_131170.1
SM_V9_ZSR	Liftoff	exon	23406689	23406760	.
	-	.	Parent=Smp_131170.1
SM_V9_ZSR	Liftoff	CDS	23405157	23405306	.
	-	0	Parent=Smp_131170.1
SM_V9_ZSR	Liftoff	CDS	23406689	23406760	.
	-	0	Parent=Smp_131170.1
SM_V9_ZSR	iris	gene	23411073	23415529	.
	-	.
ID=Smp_204120;geneID=Smp_204120;gene_name=Smp_204120;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	23411073	23415529	.
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        -       .
ID=Smp_204120.1;Parent=Smp_204120;geneID=Smp_204120;gene_name=Smp_20
4120;owner=irisadmin@local.host;orig_id=Smp_204120.1;date_last_modif
ied=2022-07-20;Name=Smp_204120.1;product=Hypothetical
protein;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23411073        23415529        .
        -       .       Parent=Smp_204120.1;Name=Smp_204120.1-CDS
SM_V9_ZSR       iris    CDS     23411581        23415306        .
        -       0       Parent=Smp_204120.1
SM_V9_ZSR       iris    gene    23434783        23454585        .
        +       .
ID=Smp_128430;geneID=Smp_128430;gene_name=Smp_128430;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_ZSR       iris    mRNA    23434783        23454585        .
        +       .
ID=Smp_128430.1;Parent=Smp_128430;geneID=Smp_128430;gene_name=Smp_12
8430;owner=irisadmin@local.host;orig_id=Smp_128430.1;date_last_modif
ied=2022-08-03;Name=Smp_128430.1;product=Lysosome membrane protein
2;date_creation=2022-08-03
SM_V9_ZSR       iris    exon    23434783        23434978        .
        +       .       Parent=Smp_128430.1;Name=e7ee3a7e-
bca1-46c1-9b8b-c6908c452223
SM_V9_ZSR       iris    exon    23435470        23435627        .
        +       .       Parent=Smp_128430.1;Name=7d52ec54-713f-4da0-
b674-e26c50fb1e69
SM_V9_ZSR       iris    exon    23436471        23436624        .
        +       .       Parent=Smp_128430.1;Name=430fb760-
a0e8-4788-9484-6cb1e81caf23
SM_V9_ZSR       iris    exon    23441782        23441949        .
        +       .       Parent=Smp_128430.1;Name=f76b2b92-624f-4faf-
a84f-6f00a496083d
SM_V9_ZSR       iris    exon    23442819        23442910        .
        +       .       Parent=Smp_128430.1;Name=ee1e6258-db43-4004-
a8b9-5074ac363a74
SM_V9_ZSR       iris    exon    23443488        23443537        .
        +       .
Parent=Smp_128430.1;Name=9fdb4876-56bd-4bb9-8389-6898e882aeef
SM_V9_ZSR       iris    exon    23444762        23444891        .
        +       .       Parent=Smp_128430.1;Name=3d7f09cf-9ccb-4566-
bf26-7d5deccd6040
SM_V9_ZSR       iris    exon    23445815        23446079        .
        +       .       Parent=Smp_128430.1;Name=e2368940-0c97-4b3c-
a83b-f6c224831cca
SM_V9_ZSR       iris    exon    23447567        23447637        .
        +       .       Parent=Smp_128430.1;Name=5e0766c0-0bda-4d86-
b019-bd159184522a
SM_V9_ZSR       iris    exon    23448607        23448667        .
        +       .       Parent=Smp_128430.1;Name=886af78d-7a6c-4a55-
acff-0d92f0ad088d
SM_V9_ZSR       iris    exon    23449654        23449802        .
        +       .       Parent=Smp_128430.1;Name=803bae84-
c9e9-4f4a-983c-9135586f63fc
SM_V9_ZSR       iris    exon    23451646        23451682        .
        +       .
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Parent=Smp_128430.1;Name=1a9b72dd-0774-4968-9e09-4628d5f75c19
SM_V9_ZSR       iris    exon    23453174        23454585        .
        +       .       Parent=Smp_128430.1;Name=607df656-
e56c-4611-9d16-a3edbcfac1d0
SM_V9_ZSR       iris    CDS     23434853        23434978        .
        +       0       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23435470        23435627        .
        +       0       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23436471        23436624        .
        +       1       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23441782        23441949        .
        +       0       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23442819        23442910        .
        +       0       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23443488        23443537        .
        +       1       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23444762        23444891        .
        +       2       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23445815        23446079        .
        +       1       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23447567        23447637        .
        +       0       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23448607        23448667        .
        +       1       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23449654        23449802        .
        +       0       Parent=Smp_128430.1
SM_V9_ZSR       iris    CDS     23451646        23451667        .
        +       1       Parent=Smp_128430.1
SM_V9_ZSR       Liftoff gene    23465113        23495483        .
        +       .       ID=Smp_128440;geneID=Smp_128440
SM_V9_ZSR       Liftoff mRNA    23465113        23495483        .
        +       .
ID=Smp_128440.1;Parent=Smp_128440;geneID=Smp_128440;product=RUN and
FYVE domain-containing protein
1;polypeptide_domain=InterPro:IPR000306,IPR004012,IPR011011,IPR01308
3,IPR017455 Pfam:PF01363,PF02759;Ontology_term=GO:0046872
SM_V9_ZSR       Liftoff exon    23465113        23467524        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23474771        23475034        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23476631        23476704        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23479580        23479654        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23481367        23481535        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23483257        23483403        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23488868        23488965        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23490843        23491059        .
        +       .       Parent=Smp_128440.1
SM_V9_ZSR       Liftoff exon    23493242        23493463        .
        +       .       Parent=Smp_128440.1
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SM_V9_ZSR	Liftoff	exon	23494878	23495483	.
	+	.	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23467030	23467524	.
	+	0	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23474771	23475034	.
	+	0	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23476631	23476704	.
	+	0	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23479580	23479654	.
	+	1	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23481367	23481535	.
	+	1	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23483257	23483403	.
	+	0	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23488868	23488965	.
	+	0	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23490843	23491059	.
	+	1	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23493242	23493463	.
	+	0	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	CDS	23494878	23495015	.
	+	0	Parent=Smp_128440.1
SM_V9_ZSR	Liftoff	gene	23517808	23565293	.
	+	.
ID=Smp_347650;geneID=Smp_347650;previous_systematic_id=Smp_128460,Sm
p_128470,Smp_244770
SM_V9_ZSR	Liftoff	mRNA	23517808	23565293	.
	+	.
ID=Smp_347650.1;Parent=Smp_347650;geneID=Smp_347650;product=Probable
cation-transporting ATPase
13A4;polypeptide_domain=InterPro:IPR001757,IPR008250,IPR023214,IPR02
3298 Pfam:PF00122;Ontology_term=GO:0016021
SM_V9_ZSR	Liftoff	exon	23517808	23519418	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23520062	23520196	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23526878	23526953	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23527815	23527946	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23530593	23530903	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23531989	23532189	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23535535	23535669	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23538148	23538246	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23539946	23540059	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23540158	23540185	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23542617	23543031	.
	+	.	Parent=Smp_347650.1
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SM_V9_ZSR	Liftoff	exon	23545353	23545560	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23549936	23550265	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23550427	23550499	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23555349	23555499	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23556000	23556148	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23556831	23556919	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23560753	23560901	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	exon	23561643	23565293	.
	+	.	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23519371	23519418	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23520062	23520196	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23526878	23526953	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23527815	23527946	.
	+	2	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23530593	23530903	.
	+	2	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23531989	23532189	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23535535	23535669	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23538148	23538246	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23539946	23540059	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23540158	23540185	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23542617	23543031	.
	+	2	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23545353	23545560	.
	+	1	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23549936	23550265	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23550427	23550499	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23555349	23555499	.
	+	2	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23556000	23556148	.
	+	1	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23556831	23556919	.
	+	2	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23560753	23560901	.
	+	0	Parent=Smp_347650.1
SM_V9_ZSR	Liftoff	CDS	23561643	23562018	.
	+	1	Parent=Smp_347650.1
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SM_V9_ZSR       Liftoff mRNA    23517808        23565293        .
        +       .
ID=Smp_347650.2;Parent=Smp_347650;geneID=Smp_347650;product=Probable
cation-transporting ATPase
13A4;polypeptide_domain=InterPro:IPR001757,IPR008250,IPR023214,IPR02
3298 Pfam:PF00122;Ontology_term=GO:0016021
SM_V9_ZSR       Liftoff exon    23517808        23519418        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23520062        23520196        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23526878        23526953        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23527815        23527946        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23530593        23530903        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23531989        23532189        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23535535        23535669        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23538148        23538246        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23539946        23540059        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23540158        23540185        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23542617        23543031        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23545353        23545560        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23549936        23550265        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23550427        23550499        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23555349        23555499        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23556000        23556148        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff exon    23560753        23565293        .
        +       .       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff CDS     23519371        23519418        .
        +       0       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff CDS     23520062        23520196        .
        +       0       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff CDS     23526878        23526953        .
        +       0       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff CDS     23527815        23527946        .
        +       2       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff CDS     23530593        23530903        .
        +       2       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff CDS     23531989        23532189        .
        +       0       Parent=Smp_347650.2
SM_V9_ZSR       Liftoff CDS     23535535        23535669        .
        +       0       Parent=Smp_347650.2
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SM_V9_ZSR	Liftoff	CDS	23538148	23538246	.
	+	0	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23539946	23540059	.
	+	0	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23540158	23540185	.
	+	0	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23542617	23543031	.
	+	2	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23545353	23545560	.
	+	1	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23549936	23550265	.
	+	0	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23550427	23550499	.
	+	0	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23555349	23555499	.
	+	2	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23556000	23556148	.
	+	1	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	CDS	23560753	23560823	.
	+	2	Parent=Smp_347650.2
SM_V9_ZSR	Liftoff	gene	23570327	23578149	.
	-	.	ID=Smp_322770;geneID=Smp_322770
SM_V9_ZSR	Liftoff	mRNA	23570327	23578149	.
	-	.
ID=Smp_322770.1;Parent=Smp_322770;geneID=Smp_322770;product=Probable
cation-transporting ATPase
13A3;polypeptide_domain=InterPro:IPR023214,IPR023299;Ontology_term=G
O:0000166
SM_V9_ZSR	Liftoff	exon	23570327	23570684	.
	-	.	Parent=Smp_322770.1
SM_V9_ZSR	Liftoff	exon	23573006	23573420	.
	-	.	Parent=Smp_322770.1
SM_V9_ZSR	Liftoff	exon	23575852	23576091	.
	-	.	Parent=Smp_322770.1
SM_V9_ZSR	Liftoff	exon	23576926	23578149	.
	-	.	Parent=Smp_322770.1
SM_V9_ZSR	Liftoff	CDS	23570462	23570684	.
	-	1	Parent=Smp_322770.1
SM_V9_ZSR	Liftoff	CDS	23573006	23573420	.
	-	2	Parent=Smp_322770.1
SM_V9_ZSR	Liftoff	CDS	23575852	23576091	.
	-	2	Parent=Smp_322770.1
SM_V9_ZSR	Liftoff	CDS	23576926	23577007	.
	-	0	Parent=Smp_322770.1
SM_V9_ZSR	iris	gene	23589883	23605746	.
	+	.
ID=Smp_011830;geneID=Smp_011830;gene_name=Smp_011830;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	23589883	23605746	.
	+	.
ID=Smp_011830.1;Parent=Smp_011830;geneID=Smp_011830;gene_name=Smp_01
1830;owner=irisadmin@local.host;orig_id=Smp_011830.1;date_last_modif
ied=2022-07-20;Name=Smp_011830.1;product=Urease accessory protein
UreD 2;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	23589883	23590295	.
	+	.
Parent=Smp_011830.1;Name=20411789-555c-4afa-8f8f-e1e29268282a
SM_V9_ZSR	iris	exon	23599803	23599926	.
	+	.	Parent=Smp_011830.1;Name=b0dae7c5-
c9fa-4925-971d-1eb393320284
SM_V9_ZSR	iris	exon	23602156	23602291	.
	+	.
Parent=Smp_011830.1;Name=76ae39ff-6307-40b0-972e-ae9388a267ce
SM_V9_ZSR	iris	exon	23604084	23604217	.
	+	.	Parent=Smp_011830.1;Name=14de073b-4a36-4132-
a208-adcd07681998
SM_V9_ZSR	iris	exon	23605547	23605746	.
	+	.	Parent=Smp_011830.1;Name=8c768811-4603-445f-
b1c4-90e66f5e701d
SM_V9_ZSR	iris	CDS	23590088	23590295	.
	+	0	Parent=Smp_011830.1
SM_V9_ZSR	iris	CDS	23599803	23599926	.
	+	2	Parent=Smp_011830.1
SM_V9_ZSR	iris	CDS	23602156	23602291	.
	+	1	Parent=Smp_011830.1
SM_V9_ZSR	iris	CDS	23604084	23604217	.
	+	0	Parent=Smp_011830.1
SM_V9_ZSR	iris	CDS	23605547	23605595	.
	+	1	Parent=Smp_011830.1
SM_V9_ZSR	Liftoff	gene	23605864	23608099	.
	-	.	ID=Smp_322780;geneID=Smp_322780
SM_V9_ZSR	Liftoff	mRNA	23605864	23608099	.
	-	.
ID=Smp_322780.1;Parent=Smp_322780;geneID=Smp_322780;product=Hypothet
ical protein
SM_V9_ZSR	Liftoff	exon	23605864	23608099	.
	-	.	Parent=Smp_322780.1
SM_V9_ZSR	Liftoff	CDS	23605938	23606252	.
	-	0	Parent=Smp_322780.1
SM_V9_ZSR	Liftoff	gene	23618377	23672652	.
	-	.
ID=Smp_128480;geneID=Smp_128480;previous_systematic_id=Smp_204130
SM_V9_ZSR	Liftoff	mRNA	23618377	23672652	.
	-	.
ID=Smp_128480.1;Parent=Smp_128480;geneID=Smp_128480;product=Calcium-
dependent protein kinase
C;polypeptide_domain=InterPro:IPR000008,IPR000719,IPR000961,IPR00221
9,IPR008271,IPR011009,IPR014375,IPR017441,IPR020454
Pfam:PF00069,PF00130,PF00168;Ontology_term=GO:0004672,GO:0004674,GO:
0004697,GO:0005524,GO:0006468,GO:0008270,GO:0035556
SM_V9_ZSR	Liftoff	exon	23618377	23619725	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23621175	23621315	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23622497	23622604	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23624349	23624429	.
	-	.	Parent=Smp_128480.1
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SM_V9_ZSR	Liftoff	exon	23628671	23628809	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23631552	23631614	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23634473	23634564	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23635211	23635384	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23636445	23636588	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23641142	23641373	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23646233	23646392	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23670255	23670383	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23672134	23672242	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23672281	23672395	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	exon	23672437	23672652	.
	-	.	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23619669	23619725	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23621175	23621315	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23622497	23622604	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23624349	23624429	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23628671	23628809	.
	-	1	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23631552	23631614	.
	-	1	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23634473	23634564	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23635211	23635384	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23636445	23636588	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23641142	23641373	.
	-	1	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23646233	23646392	.
	-	2	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23670255	23670383	.
	-	2	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23672134	23672242	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23672281	23672395	.
	-	1	Parent=Smp_128480.1
SM_V9_ZSR	Liftoff	CDS	23672437	23672633	.
	-	0	Parent=Smp_128480.1
SM_V9_ZSR	iris	gene	23688011	23703756	.
	+	.
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ID=Smp_011860;geneID=Smp_011860;gene_name=Smp_011860;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_ZSR       iris    mRNA    23688011        23703756        .
        +       .
ID=Smp_011860.1;Parent=Smp_011860;geneID=Smp_011860;gene_name=Smp_01
1860;owner=irisadmin@local.host;orig_id=Smp_011860.1;date_last_modif
ied=2022-08-03;Name=Smp_011860.1;product=Transcription factor NF-E2
45 kDa subunit;date_creation=2022-08-03
SM_V9_ZSR       iris    exon    23688011        23688316        .
        +       .       Parent=Smp_011860.1;Name=e7e7d5ac-3916-439f-
b049-176aed9862e7
SM_V9_ZSR       iris    exon    23697049        23697108        .
        +       .       Parent=Smp_011860.1;Name=3d99ab3f-8e83-4e3c-
b31c-4afdd56642e5
SM_V9_ZSR       iris    exon    23697145        23697273        .
        +       .
Parent=Smp_011860.1;Name=bbba0d5a-7c81-4a28-9b3e-418e6f3b9d41
SM_V9_ZSR       iris    exon    23697307        23697711        .
        +       .
Parent=Smp_011860.1;Name=20f55668-0269-4c0b-880f-e09d7e2183b2
SM_V9_ZSR       iris    exon    23698380        23699036        .
        +       .
Parent=Smp_011860.1;Name=8b148196-9b5e-4543-9efb-1d03f3e44725
SM_V9_ZSR       iris    exon    23700141        23700319        .
        +       .       Parent=Smp_011860.1;Name=06156ebd-1713-4010-
b73c-2d9295d8c6b4
SM_V9_ZSR       iris    exon    23703314        23703756        .
        +       .       Parent=Smp_011860.1;Name=1c5eb828-a264-4b05-
ab8d-5999d066eadd
SM_V9_ZSR       iris    CDS     23688128        23688316        .
        +       0       Parent=Smp_011860.1
SM_V9_ZSR       iris    CDS     23697049        23697108        .
        +       0       Parent=Smp_011860.1
SM_V9_ZSR       iris    CDS     23697145        23697273        .
        +       0       Parent=Smp_011860.1
SM_V9_ZSR       iris    CDS     23697307        23697711        .
        +       0       Parent=Smp_011860.1
SM_V9_ZSR       iris    CDS     23698380        23699036        .
        +       0       Parent=Smp_011860.1
SM_V9_ZSR       iris    CDS     23700141        23700319        .
        +       0       Parent=Smp_011860.1
SM_V9_ZSR       iris    CDS     23703314        23703449        .
        +       1       Parent=Smp_011860.1
SM_V9_ZSR       Liftoff gene    23703934        23705077        .
        -       .       ID=Smp_011870;geneID=Smp_011870
SM_V9_ZSR       Liftoff mRNA    23703934        23705077        .
        -       .
ID=Smp_011870.1;Parent=Smp_011870;geneID=Smp_011870;product=Protein
GREB1
SM_V9_ZSR       Liftoff exon    23703934        23705077        .
        -       .       Parent=Smp_011870.1
SM_V9_ZSR       Liftoff CDS     23703969        23704790        .
        -       0       Parent=Smp_011870.1
SM_V9_ZSR       iris    gene    23705136        23790793        .
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        -       .
ID=Smp_347640;geneID=Smp_347640;gene_name=Smp_347640;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    23705136        23790793        .
        -       .
ID=Smp_347640.1;Parent=Smp_347640;geneID=Smp_347640;gene_name=Smp_34
7640;owner=irisadmin@local.host;orig_id=Smp_347640.2;date_last_modif
ied=2022-07-20;Name=Smp_347640.1;product=Syntaxin-binding protein
5;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23705136        23706203        .
        -       .       Parent=Smp_347640.1;Name=355f50b3-4dd6-4491-
a2d5-2207acf11ff0
SM_V9_ZSR       iris    exon    23708102        23708229        .
        -       .       Parent=Smp_347640.1;Name=6bfcc13d-4f46-4034-
b38b-daa209d2af8f
SM_V9_ZSR       iris    exon    23709461        23709741        .
        -       .       Parent=Smp_347640.1;Name=5c9c1077-2647-47cd-
a141-f5de69b8f636
SM_V9_ZSR       iris    exon    23709860        23710041        .
        -       .       Parent=Smp_347640.1;Name=6c1b3c0e-32fe-42e5-
b5be-e8ab88e00ca1
SM_V9_ZSR       iris    exon    23710770        23711105        .
        -       .       Parent=Smp_347640.1;Name=fd1576c3-e1ed-49a3-
a1ce-ab074ec0df34
SM_V9_ZSR       iris    exon    23715602        23715715        .
        -       .
Parent=Smp_347640.1;Name=287008a5-7256-45ee-94ba-3fdeb7b83f51
SM_V9_ZSR       iris    exon    23715809        23715937        .
        -       .       Parent=Smp_347640.1;Name=0c1ab202-
dfc0-495d-9c48-a4707ff1fc69
SM_V9_ZSR       iris    exon    23719243        23719435        .
        -       .       Parent=Smp_347640.1;Name=1f71be6b-
aaa0-45e2-9b2b-39052097dbbb
SM_V9_ZSR       iris    exon    23722061        23722122        .
        -       .       Parent=Smp_347640.1;Name=1d77c01c-78da-4181-
b614-7dca16a44cd1
SM_V9_ZSR       iris    exon    23723640        23723728        .
        -       .       Parent=Smp_347640.1;Name=ce1522ab-d8ab-4a83-
b994-4405c8f2506a
SM_V9_ZSR       iris    exon    23724496        23724692        .
        -       .
Parent=Smp_347640.1;Name=0d92735b-7a07-40df-9efb-1a3ebaa5c6cf
SM_V9_ZSR       iris    exon    23732140        23732340        .
        -       .       Parent=Smp_347640.1;Name=30b000b6-
bbbd-43c3-8b6f-6489fd53a1af
SM_V9_ZSR       iris    exon    23740568        23740842        .
        -       .       Parent=Smp_347640.1;Name=576086be-e265-435d-
b406-9d30de963160
SM_V9_ZSR       iris    exon    23741855        23741895        .
        -       .       Parent=Smp_347640.1;Name=809c1e34-
ffbd-4911-82b9-b39561218d49
SM_V9_ZSR       iris    exon    23743504        23743746        .
        -       .
Parent=Smp_347640.1;Name=a6409a02-9ff2-430e-9d58-dfc72b6c36ae
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SM_V9_ZSR	iris	exon	23743851	23743923	.
	-	.	Parent=Smp_347640.1;Name=51c9f5e9-a53f-4a68-
a18a-025dfb3f45fc
SM_V9_ZSR	iris	exon	23746333	23746592	.
	-	.	Parent=Smp_347640.1;Name=2e983e4f-c809-4c9e-
afcc-916fe9ddf900
SM_V9_ZSR	iris	exon	23756408	23756486	.
	-	.
Parent=Smp_347640.1;Name=d8e75ba9-0e74-45a3-98b5-92004d24999e
SM_V9_ZSR	iris	exon	23761807	23761930	.
	-	.	Parent=Smp_347640.1;Name=57f3d89c-83ad-44a2-
ba38-1cf388804e99
SM_V9_ZSR	iris	exon	23767908	23768055	.
	-	.
Parent=Smp_347640.1;Name=829b6dec-1b14-41e3-84bf-286c7935b19e
SM_V9_ZSR	iris	exon	23768864	23768998	.
	-	.	Parent=Smp_347640.1;Name=211f6bce-c7c5-4598-
a8d1-c810def68bb0
SM_V9_ZSR	iris	exon	23789079	23789179	.
	-	.	Parent=Smp_347640.1;Name=fd7890e3-68da-4c8f-
a641-6e3cd2bbd683
SM_V9_ZSR	iris	exon	23790306	23790387	.
	-	.	Parent=Smp_347640.1;Name=a260a551-acc7-4367-
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SM_V9_ZSR	iris	exon	23790424	23790521	.
	-	.
Parent=Smp_347640.1;Name=c4b1e059-7d91-4502-94b4-cd453e957d83
SM_V9_ZSR	iris	exon	23790589	23790793	.
	-	.	Parent=Smp_347640.1;Name=9aa02370-2705-41e6-
a681-418388681972
SM_V9_ZSR	iris	CDS	23705935	23706203	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23708102	23708229	.
	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23709461	23709741	.
	-	0	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23709860	23710041	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23710770	23711105	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23715602	23715715	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23715809	23715937	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23719243	23719435	.
	-	0	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23722061	23722122	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23723640	23723728	.
	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23724496	23724692	.
	-	0	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23732140	23732340	.
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SM_V9_ZSR	iris	CDS	23740568	23740842	.
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	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23743504	23743746	.
	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23743851	23743923	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23746333	23746592	.
	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23756408	23756486	.
	-	2	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23761807	23761930	.
	-	0	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23767908	23768055	.
	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23768864	23768998	.
	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23789079	23789179	.
	-	0	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23790306	23790387	.
	-	1	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23790424	23790521	.
	-	0	Parent=Smp_347640.1
SM_V9_ZSR	iris	CDS	23790589	23790732	.
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SM_V9_ZSR	Liftoff	gene	23808454	23810217	.
	-	.	ID=Smp_154390;geneID=Smp_154390
SM_V9_ZSR	Liftoff	mRNA	23808454	23810217	.
	-	.
ID=Smp_154390.1;Parent=Smp_154390;geneID=Smp_154390;product=Hypothet
ical protein
SM_V9_ZSR	Liftoff	exon	23808454	23810217	.
	-	.	Parent=Smp_154390.1
SM_V9_ZSR	Liftoff	CDS	23808501	23810111	.
	-	0	Parent=Smp_154390.1
SM_V9_ZSR	iris	gene	23821754	23822257	.
	-	.
ID=Smp_059930;geneID=Smp_059930;gene_name=Smp_059930;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	23821754	23822257	.
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ID=Smp_059930.1;Parent=Smp_059930;geneID=Smp_059930;gene_name=Smp_05
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subunit 6, mitochondrial;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	23821754	23822134	.
	-	.	Parent=Smp_059930.1;Name=a5d0b2c9-f91c-411a-
af1a-00f5344c2fea
SM_V9_ZSR	iris	exon	23822172	23822257	.
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Parent=Smp_059930.1;Name=7f1aaaf3-871a-4e40-9143-dce4122138a1
SM_V9_ZSR	iris	CDS	23821958	23822134	.
	-	0	Parent=Smp_059930.1
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SM_V9_ZSR       iris    CDS     23822172        23822201        .
        -       0       Parent=Smp_059930.1
SM_V9_ZSR       iris    gene    23848399        23861045        .
        +       .
ID=Smp_059920;geneID=Smp_059920;gene_name=Smp_059920;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_ZSR       iris    mRNA    23848399        23861045        .
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ID=Smp_059920.1;Parent=Smp_059920;geneID=Smp_059920;gene_name=Smp_05
9920;owner=irisadmin@local.host;orig_id=Smp_059920.1;date_last_modif
ied=2022-08-21;Name=Smp_059920.1;product=30S ribosomal protein
S6;date_creation=2022-08-21
SM_V9_ZSR       iris    exon    23848399        23848535        .
        +       .       Parent=Smp_059920.1;Name=d6a78219-80f4-4096-
a120-3dc6b5cab316
SM_V9_ZSR       iris    exon    23853566        23853631        .
        +       .       Parent=Smp_059920.1;Name=403ba1c5-319b-4e1c-
be6d-161e1c376696
SM_V9_ZSR       iris    exon    23853665        23853726        .
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Parent=Smp_059920.1;Name=c758ecdb-0f74-41c7-892f-23326811621b
SM_V9_ZSR       iris    exon    23853764        23853938        .
        +       .
Parent=Smp_059920.1;Name=d8c89fb1-3035-49ca-8082-8687a0bfe00b
SM_V9_ZSR       iris    exon    23853974        23854192        .
        +       .       Parent=Smp_059920.1;Name=d2fce7a2-
cb20-4f43-8973-7b55e4986e15
SM_V9_ZSR       iris    exon    23854224        23854304        .
        +       .       Parent=Smp_059920.1;Name=ddc1d0fa-4af8-4fd2-
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SM_V9_ZSR       iris    exon    23854411        23854499        .
        +       .       Parent=Smp_059920.1;Name=cb0b8659-3692-4cfb-
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SM_V9_ZSR       iris    exon    23860876        23861045        .
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SM_V9_ZSR       iris    CDS     23853683        23853726        .
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SM_V9_ZSR       iris    CDS     23853764        23853938        .
        +       1       Parent=Smp_059920.1
SM_V9_ZSR       iris    CDS     23853974        23854192        .
        +       0       Parent=Smp_059920.1
SM_V9_ZSR       iris    CDS     23854224        23854304        .
        +       0       Parent=Smp_059920.1
SM_V9_ZSR       iris    CDS     23854411        23854499        .
        +       0       Parent=Smp_059920.1
SM_V9_ZSR       iris    CDS     23860876        23860900        .
        +       1       Parent=Smp_059920.1
SM_V9_ZSR       iris    gene    23865332        23866399        .
        -       .
ID=Smp_059910;geneID=Smp_059910;gene_name=Smp_059910;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    23865332        23866399        .
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9910;owner=irisadmin@local.host;orig_id=Smp_059910.2;date_last_modif
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phosphatase PGAM5, mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23865332        23866399        .
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cb59-4a6b-901f-e5e0d8d44b7a
SM_V9_ZSR       iris    CDS     23865429        23866304        .
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ID=Smp_154370;geneID=Smp_154370;gene_name=Smp_154370;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    23892346        23896560        .
        -       .
ID=Smp_154370.1;Parent=Smp_154370;geneID=Smp_154370;gene_name=Smp_15
4370;owner=irisadmin@local.host;orig_id=Smp_154370.1;date_last_modif
ied=2022-08-21;Name=Smp_154370.1;product=Outer dense fiber protein
3-B;date_creation=2022-08-21
SM_V9_ZSR       iris    exon    23892346        23892744        .
        -       .       Parent=Smp_154370.1;Name=41242ab1-f548-4845-
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SM_V9_ZSR       iris    exon    23895813        23895953        .
        -       .       Parent=Smp_154370.1;Name=9f9bf2fa-32f6-499c-
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SM_V9_ZSR       iris    exon    23895987        23896099        .
        -       .       Parent=Smp_154370.1;Name=02aadbe3-a17f-4317-
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SM_V9_ZSR       iris    exon    23896139        23896560        .
        -       .
Parent=Smp_154370.1;Name=aef1f8b5-7d90-4815-97c4-2909b9ce0763
SM_V9_ZSR       iris    CDS     23892646        23892744        .
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SM_V9_ZSR       iris    CDS     23895987        23896099        .
        -       2       Parent=Smp_154370.1
SM_V9_ZSR       iris    CDS     23896139        23896538        .
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SM_V9_ZSR       iris    gene    23905341        23949858        .
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ID=Smp_244750;geneID=Smp_244750;gene_name=Smp_244750;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    23905341        23949858        .
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ID=Smp_244750.1;Parent=Smp_244750;geneID=Smp_244750;gene_name=Smp_24
4750;owner=irisadmin@local.host;orig_id=Smp_244750.1;date_last_modif
ied=2022-07-20;Name=Smp_244750.1;product=Probable cation-
transporting ATPase 13A3;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23905341        23905451        .
        +       .       Parent=Smp_244750.1;Name=da85745e-17e4-4426-
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SM_V9_ZSR       iris    exon    23905489        23905656        .
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Parent=Smp_244750.1;Name=1e6cc468-3bd0-4cf7-9736-ce26afa9caea
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SM_V9_ZSR       iris    exon    23905843        23905965        .
        +       .       Parent=Smp_244750.1;Name=6e08459a-
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SM_V9_ZSR       iris    exon    23906425        23906566        .
        +       .
Parent=Smp_244750.1;Name=d487bbab-66e0-4f98-8624-ada71460e313
SM_V9_ZSR       iris    exon    23907375        23907509        .
        +       .       Parent=Smp_244750.1;Name=cc8c0adc-e534-421f-
b69d-fbf465e21ca4
SM_V9_ZSR       iris    exon    23909874        23909949        .
        +       .       Parent=Smp_244750.1;Name=f713041f-f69e-4210-
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SM_V9_ZSR       iris    exon    23912956        23913087        .
        +       .       Parent=Smp_244750.1;Name=f3ade6a1-6995-4cbb-
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SM_V9_ZSR       iris    exon    23916531        23916841        .
        +       .       Parent=Smp_244750.1;Name=86322c67-f667-46ee-
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SM_V9_ZSR       iris    exon    23919743        23919943        .
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a54b-7a4456820245
SM_V9_ZSR       iris    exon    23921081        23921287        .
        +       .       Parent=Smp_244750.1;Name=5f4d24c7-4620-4004-
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SM_V9_ZSR       iris    exon    23925958        23926056        .
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Parent=Smp_244750.1;Name=8177b559-7730-4032-9d3b-859e8eff165d
SM_V9_ZSR       iris    exon    23926780        23926936        .
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SM_V9_ZSR       iris    exon    23927810        23928049        .
        +       .       Parent=Smp_244750.1;Name=8b7f716f-3d03-4619-
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SM_V9_ZSR       iris    exon    23930445        23930883        .
        +       .       Parent=Smp_244750.1;Name=04a63aa7-355a-4d2d-
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SM_V9_ZSR       iris    exon    23934042        23934297        .
        +       .
Parent=Smp_244750.1;Name=a4223ff4-9c89-4f24-82f0-ea873e2316ee
SM_V9_ZSR       iris    exon    23934739        23935068        .
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Parent=Smp_244750.1;Name=6709f05c-0640-4b86-931c-9512b2188fed
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        +       .       Parent=Smp_244750.1;Name=6a65e5e0-13f0-449a-
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SM_V9_ZSR       iris    exon    23939903        23940051        .
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ca78-48a8-976a-481946e19c72
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SM_V9_ZSR       iris    exon    23945414        23945562        .
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SM_V9_ZSR       iris    exon    23946834        23947209        .
        +       .       Parent=Smp_244750.1;Name=26e32912-
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SM_V9_ZSR       iris    exon    23949066        23949858        .
        +       .       Parent=Smp_244750.1;Name=ecb9fd49-eb9a-4162-
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SM_V9_ZSR       iris    CDS     23905380        23905451        .
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SM_V9_ZSR       iris    CDS     23909874        23909949        .
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SM_V9_ZSR       iris    CDS     23912956        23913087        .
        +       2       Parent=Smp_244750.1
SM_V9_ZSR       iris    CDS     23916531        23916841        .
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SM_V9_ZSR       iris    CDS     23919743        23919943        .
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SM_V9_ZSR       iris    CDS     23925958        23926056        .
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        +       1       Parent=Smp_244750.1
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        -       .       ID=Smp_059880;geneID=Smp_059880
SM_V9_ZSR       Liftoff mRNA    23961211        23973623        .
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uridylyltransferase;polypeptide_domain=InterPro:IPR001937,IPR005849,
IPR005850,IPR011146,IPR019779
Pfam:PF01087,PF02744;Ontology_term=GO:0003824,GO:0006012,GO:0008108,
GO:0008270,GO:0033499
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SM_V9_ZSR       Liftoff exon    23971247        23971537        .
        -       .       Parent=Smp_059880.1
SM_V9_ZSR       Liftoff exon    23973363        23973623        .
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        -       0       Parent=Smp_059880.1
SM_V9_ZSR       Liftoff CDS     23973363        23973617        .
        -       0       Parent=Smp_059880.1
SM_V9_ZSR       iris    gene    23973685        23980657        .
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ID=Smp_059870;geneID=Smp_059870;gene_name=Smp_059870;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    23973685        23980657        .
        -       .
ID=Smp_059870.1;Parent=Smp_059870;geneID=Smp_059870;gene_name=Smp_05
9870;owner=irisadmin@local.host;orig_id=Smp_059870.1;date_last_modif
ied=2022-07-20;Name=Smp_059870.1;product=p53 and DNA damage-
regulated protein 1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23973685        23974126        .
        -       .       Parent=Smp_059870.1;Name=Smp_059870.1-CDS
SM_V9_ZSR       iris    exon    23980607        23980657        .
        -       .       Parent=Smp_059870.1;Name=28dbd15a-911e-4c67-
b383-6d8f12d701c4
SM_V9_ZSR       iris    CDS     23973754        23974119        .
        -       0       Parent=Smp_059870.1
SM_V9_ZSR       iris    gene    23998246        24002479        .
        +       .
ID=Smp_322800;geneID=Smp_322800;gene_name=Smp_322800;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    23998246        24002479        .
        +       .
ID=Smp_322800.1;Parent=Smp_322800;geneID=Smp_322800;gene_name=Smp_32
2800;owner=irisadmin@local.host;orig_id=Smp_322800.1;date_last_modif
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ied=2022-07-20;Name=Smp_322800.1;product=UPF0728 protein C10orf53
homolog;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    23998246        23998285        .
        +       .       Parent=Smp_322800.1;Name=53c823c6-2638-4f0c-
aaa4-37c2e1ff3f6c
SM_V9_ZSR       iris    exon    24001879        24002052        .
        +       .       Parent=Smp_322800.1;Name=ee7528bb-e965-4621-
af7a-92979749d8e9
SM_V9_ZSR       iris    exon    24002091        24002213        .
        +       .       Parent=Smp_322800.1;Name=95a01607-55b0-40b5-
abe2-fcf088e69c30
SM_V9_ZSR       iris    exon    24002258        24002479        .
        +       .       Parent=Smp_322800.1;Name=a089228a-3f60-47f0-
b6b6-9af865b3535b
SM_V9_ZSR       iris    CDS     24001959        24002052        .
        +       0       Parent=Smp_322800.1
SM_V9_ZSR       iris    CDS     24002091        24002213        .
        +       2       Parent=Smp_322800.1
SM_V9_ZSR       iris    CDS     24002258        24002322        .
        +       2       Parent=Smp_322800.1
SM_V9_ZSR       iris    gene    24038404        24084357        .
        +       .
ID=Smp_133740;geneID=Smp_133740;gene_name=Smp_133740;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    24038404        24084357        .
        +       .
ID=Smp_133740.1;Parent=Smp_133740;geneID=Smp_133740;gene_name=Smp_13
3740;owner=irisadmin@local.host;orig_id=Smp_133740.1;date_last_modif
ied=2022-08-20;Name=Smp_133740.1;product=Mediator of RNA polymerase
II transcription subunit 23;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    24038404        24038465        .
        +       .       Parent=Smp_133740.1;Name=bb7a3f6f-
fef4-4073-8085-8e77d724e5fd
SM_V9_ZSR       iris    exon    24038571        24038727        .
        +       .       Parent=Smp_133740.1;Name=a0c9f95b-
da4b-4ad1-9010-2eba87fab86c
SM_V9_ZSR       iris    exon    24038758        24038877        .
        +       .       Parent=Smp_133740.1;Name=40bcc5b0-
bb4b-4bde-9e7c-2cfba2e68a74
SM_V9_ZSR       iris    exon    24038918        24039036        .
        +       .
Parent=Smp_133740.1;Name=277cfa9e-8773-4ee7-8d58-29b5d2fb8927
SM_V9_ZSR       iris    exon    24039065        24039176        .
        +       .       Parent=Smp_133740.1;Name=fb3105d8-31bc-4669-
b853-9b24ddae5efa
SM_V9_ZSR       iris    exon    24039213        24039317        .
        +       .       Parent=Smp_133740.1;Name=5e3e3e4b-9329-4b63-
bd44-de1f22ff8ec5
SM_V9_ZSR       iris    exon    24039351        24039455        .
        +       .
Parent=Smp_133740.1;Name=258d80d7-88de-43e7-9ee9-80e9e43c6624
SM_V9_ZSR       iris    exon    24039487        24039556        .
        +       .       Parent=Smp_133740.1;Name=8ab1dac8-
cb6f-4ab5-957a-484b99fa6b34
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SM_V9_ZSR       iris    exon    24048090        24048307        .
        +       .
Parent=Smp_133740.1;Name=c39472ff-71dd-4d7a-9245-aa22c1a2de1e
SM_V9_ZSR       iris    exon    24049189        24049377        .
        +       .       Parent=Smp_133740.1;Name=1efe46ec-27ef-47c6-
a412-5be802ffb2c7
SM_V9_ZSR       iris    exon    24050382        24050468        .
        +       .       Parent=Smp_133740.1;Name=b9963d78-f320-4da0-
b51f-c2cde309b770
SM_V9_ZSR       iris    exon    24051589        24051967        .
        +       .       Parent=Smp_133740.1;Name=ef4f1a06-
f5d9-4c15-93c1-bb5ec0c9e4a9
SM_V9_ZSR       iris    exon    24055791        24056084        .
        +       .       Parent=Smp_133740.1;Name=ac00b66b-d7d2-4b97-
a19d-606925b8becc
SM_V9_ZSR       iris    exon    24056539        24056761        .
        +       .
Parent=Smp_133740.1;Name=dae7c7eb-183a-4856-8e13-2141033a79b0
SM_V9_ZSR       iris    exon    24057091        24057227        .
        +       .       Parent=Smp_133740.1;Name=832369f1-
d3d9-4897-8a9e-184614ed5330
SM_V9_ZSR       iris    exon    24059506        24059821        .
        +       .       Parent=Smp_133740.1;Name=69d439b9-1409-4297-
a2cd-7a77089e0b63
SM_V9_ZSR       iris    exon    24062815        24063284        .
        +       .       Parent=Smp_133740.1;Name=130f74d9-
aa26-4edb-8614-6097e6978d46
SM_V9_ZSR       iris    exon    24064119        24064424        .
        +       .       Parent=Smp_133740.1;Name=e26c4b66-fae8-4fd3-
a30a-a7df821012fe
SM_V9_ZSR       iris    exon    24065571        24065622        .
        +       .       Parent=Smp_133740.1;Name=27aecb4a-
f728-4b9e-9fc0-e5f2f1d0720a
SM_V9_ZSR       iris    exon    24067674        24067727        .
        +       .       Parent=Smp_133740.1;Name=f9eb097a-
b29e-4de8-9156-8e3f64dd1986
SM_V9_ZSR       iris    exon    24068331        24068442        .
        +       .       Parent=Smp_133740.1;Name=43789363-9bd5-46fd-
bda1-14c8c739c62b
SM_V9_ZSR       iris    exon    24068982        24069053        .
        +       .       Parent=Smp_133740.1;Name=d1e58887-3330-41e4-
a85a-fa563f554986
SM_V9_ZSR       iris    exon    24070711        24070830        .
        +       .       Parent=Smp_133740.1;Name=79d7150c-57dd-4dbb-
add0-3f7a230f9cfd
SM_V9_ZSR       iris    exon    24072200        24072539        .
        +       .
Parent=Smp_133740.1;Name=2246a8be-725c-47a9-8ba4-120c3d4d4b74
SM_V9_ZSR       iris    exon    24074390        24074959        .
        +       .       Parent=Smp_133740.1;Name=0c28a23f-cb6e-4bcd-
b6c5-ab340e1b4f7b
SM_V9_ZSR       iris    exon    24076038        24076209        .
        +       .       Parent=Smp_133740.1;Name=72dd31d5-cb7b-4c74-
a477-ffd2501b026e
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SM_V9_ZSR       iris    exon    24077016        24077079        .
        +       .
Parent=Smp_133740.1;Name=6e85a621-6d09-420a-8cbb-7e74612b31d9
SM_V9_ZSR       iris    exon    24080651        24081198        .
        +       .
Parent=Smp_133740.1;Name=9f1567c7-059d-4f25-964c-2bbd2c511e4c
SM_V9_ZSR       iris    exon    24083028        24083148        .
        +       .       Parent=Smp_133740.1;Name=75a370b0-
f1bb-4e75-85cb-9a607c39a263
SM_V9_ZSR       iris    exon    24083885        24084357        .
        +       .       Parent=Smp_133740.1;Name=2c0e4261-57aa-4be8-
b31e-5b38067c5efc
SM_V9_ZSR       iris    CDS     24038677        24038727        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24038758        24038877        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24038918        24039036        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24039065        24039176        .
        +       1       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24039213        24039317        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24039351        24039455        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24039487        24039556        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24048090        24048307        .
        +       2       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24049189        24049377        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24050382        24050468        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24051589        24051967        .
        +       0       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24055791        24056084        .
        +       2       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24056539        24056761        .
        +       2       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24057091        24057227        .
        +       1       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24059506        24059821        .
        +       2       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24062815        24063284        .
        +       1       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24064119        24064424        .
        +       2       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24065571        24065622        .
        +       2       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24067674        24067727        .
        +       1       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24068331        24068442        .
        +       1       Parent=Smp_133740.1
SM_V9_ZSR       iris    CDS     24068982        24069053        .
        +       0       Parent=Smp_133740.1
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SM_V9_ZSR	iris	CDS	24070711	24070830	.
	+	0	Parent=Smp_133740.1
SM_V9_ZSR	iris	CDS	24072200	24072539	.
	+	0	Parent=Smp_133740.1
SM_V9_ZSR	iris	CDS	24074390	24074959	.
	+	2	Parent=Smp_133740.1
SM_V9_ZSR	iris	CDS	24076038	24076209	.
	+	2	Parent=Smp_133740.1
SM_V9_ZSR	iris	CDS	24077016	24077079	.
	+	1	Parent=Smp_133740.1
SM_V9_ZSR	iris	CDS	24080651	24081198	.
	+	0	Parent=Smp_133740.1
SM_V9_ZSR	iris	CDS	24083028	24083148	.
	+	1	Parent=Smp_133740.1
SM_V9_ZSR	iris	CDS	24083885	24084289	.
	+	0	Parent=Smp_133740.1
SM_V9_ZSR	Liftoff	gene	24093389	24098029	.
	+	.
ID=Smp_342810;geneID=Smp_342810;previous_systematic_id=Smp_133750
SM_V9_ZSR	Liftoff	mRNA	24093389	24098029	.
	+	.
ID=Smp_342810.1;Parent=Smp_342810;geneID=Smp_342810;product=Hypothet
ical protein
SM_V9_ZSR	Liftoff	exon	24093389	24098029	.
	+	.	Parent=Smp_342810.1
SM_V9_ZSR	Liftoff	CDS	24093518	24094825	.
	+	0	Parent=Smp_342810.1
SM_V9_ZSR	iris	gene	24101451	24102574	.
	-	.
ID=Smp_204150;geneID=Smp_204150;gene_name=Smp_204150;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	24101451	24102574	.
	-	.
ID=Smp_204150.1;Parent=Smp_204150;geneID=Smp_204150;gene_name=Smp_20
4150;owner=irisadmin@local.host;orig_id=Smp_204150.1;date_last_modif
ied=2022-07-20;Name=Smp_204150.1;product=Acetyl-coenzyme A
carboxylase carboxyl transferase subunit beta,
chloroplastic;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	24101451	24102574	.
	-	.	Parent=Smp_204150.1;Name=ea036e02-2eb4-4acc-
b970-77c9536656a7
SM_V9_ZSR	iris	CDS	24101593	24102522	.
	-	0	Parent=Smp_204150.1
SM_V9_ZSR	iris	gene	24135809	24146319	.
	+	.
ID=Smp_021370;geneID=Smp_021370;gene_name=Smp_021370;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	24135809	24146319	.
	+	.
ID=Smp_021370.1;Parent=Smp_021370;geneID=Smp_021370;gene_name=Smp_02
1370;owner=irisadmin@local.host;orig_id=Smp_021370.2;date_last_modif
ied=2022-07-20;Name=Smp_021370.1;product=Beta-1,4-
galactosyltransferase 2;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	24135809	24136040	.
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        +       .       Parent=Smp_021370.1;Name=254349e3-6327-46ed-
b7e1-c1625fb69515
SM_V9_ZSR       iris    exon    24137244        24137514        .
        +       .       Parent=Smp_021370.1;Name=Smp_021370.1-CDS
SM_V9_ZSR       iris    exon    24137847        24137892        .
        +       .       Parent=Smp_021370.1;Name=bd35e83d-95cd-4c26-
b807-6d4c9dcbe9a4
SM_V9_ZSR       iris    exon    24139519        24139868        .
        +       .       Parent=Smp_021370.1;Name=5cf6db99-89c1-40ea-
b617-a2a5c2443a55
SM_V9_ZSR       iris    exon    24140933        24141120        .
        +       .       Parent=Smp_021370.1;Name=b8059d17-7de4-4e7a-
b323-187260cda2c2
SM_V9_ZSR       iris    exon    24142134        24142361        .
        +       .       Parent=Smp_021370.1;Name=7b8f7b77-0459-42d0-
a16d-3e46a293c39e
SM_V9_ZSR       iris    exon    24145016        24145181        .
        +       .       Parent=Smp_021370.1;Name=d6ca58ca-e3ae-4e95-
a1ef-957529c15aa1
SM_V9_ZSR       iris    exon    24145890        24146319        .
        +       .       Parent=Smp_021370.1;Name=1828c8f2-d4cb-4b35-
adaf-d7275c50b64a
SM_V9_ZSR       iris    CDS     24137356        24137514        .
        +       0       Parent=Smp_021370.1
SM_V9_ZSR       iris    CDS     24137847        24137892        .
        +       0       Parent=Smp_021370.1
SM_V9_ZSR       iris    CDS     24139519        24139868        .
        +       2       Parent=Smp_021370.1
SM_V9_ZSR       iris    CDS     24140933        24141120        .
        +       0       Parent=Smp_021370.1
SM_V9_ZSR       iris    CDS     24142134        24142361        .
        +       1       Parent=Smp_021370.1
SM_V9_ZSR       iris    CDS     24145016        24145142        .
        +       1       Parent=Smp_021370.1
SM_V9_ZSR       Liftoff gene    24160119        24177998        .
        +       .       ID=Smp_316530;geneID=Smp_316530
SM_V9_ZSR       Liftoff mRNA    24160119        24177998        .
        +       .
ID=Smp_316530.1;Parent=Smp_316530;geneID=Smp_316530;product=Vasoacti
ve intestinal polypeptide receptor 2
SM_V9_ZSR       Liftoff exon    24160119        24160206        .
        +       .       Parent=Smp_316530.1
SM_V9_ZSR       Liftoff exon    24177530        24177998        .
        +       .       Parent=Smp_316530.1
SM_V9_ZSR       Liftoff CDS     24160172        24160206        .
        +       0       Parent=Smp_316530.1
SM_V9_ZSR       Liftoff CDS     24177530        24177830        .
        +       1       Parent=Smp_316530.1
SM_V9_ZSR       Liftoff gene    24179619        24208934        .
        -       .       ID=Smp_021390;geneID=Smp_021390
SM_V9_ZSR       Liftoff mRNA    24179619        24208934        .
        -       .
ID=Smp_021390.1;Parent=Smp_021390;geneID=Smp_021390;product=IQ
domain-containing protein E
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SM_V9_ZSR       Liftoff exon    24179619        24184250        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24187506        24187574        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24193578        24193821        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24195709        24195804        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24196879        24197050        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24198276        24198336        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24198390        24198430        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24201378        24201706        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24202439        24202560        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24202600        24202713        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff exon    24208614        24208934        .
        -       .       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24184218        24184250        .
        -       0       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24187506        24187574        .
        -       0       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24193578        24193821        .
        -       1       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24195709        24195804        .
        -       1       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24196879        24197050        .
        -       2       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24198276        24198336        .
        -       0       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24198390        24198430        .
        -       2       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24201378        24201706        .
        -       1       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24202439        24202560        .
        -       0       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24202600        24202713        .
        -       0       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff CDS     24208614        24208871        .
        -       0       Parent=Smp_021390.1
SM_V9_ZSR       Liftoff mRNA    24187300        24208934        .
        -       .
ID=Smp_021390.2;Parent=Smp_021390;geneID=Smp_021390;product=IQ
domain-containing protein E
SM_V9_ZSR       Liftoff exon    24187300        24187574        .
        -       .       Parent=Smp_021390.2
SM_V9_ZSR       Liftoff exon    24193578        24193821        .
        -       .       Parent=Smp_021390.2
SM_V9_ZSR       Liftoff exon    24195724        24195804        .
        -       .       Parent=Smp_021390.2
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SM_V9_ZSR	Liftoff	exon	24196879	24197050	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	exon	24198276	24198336	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	exon	24198390	24198430	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	exon	24201378	24201706	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	exon	24202439	24202560	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	exon	24202600	24202713	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	exon	24208480	24208558	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	exon	24208614	24208934	.
	-	.	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24187479	24187574	.
	-	0	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24193578	24193821	.
	-	1	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24195724	24195804	.
	-	1	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24196879	24197050	.
	-	2	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24198276	24198336	.
	-	0	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24198390	24198430	.
	-	2	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24201378	24201706	.
	-	1	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24202439	24202560	.
	-	0	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24202600	24202713	.
	-	0	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24208480	24208558	.
	-	1	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	CDS	24208614	24208636	.
	-	0	Parent=Smp_021390.2
SM_V9_ZSR	Liftoff	gene	24225639	24235918	.
	+	.	ID=Smp_133770;geneID=Smp_133770
SM_V9_ZSR	Liftoff	mRNA	24225639	24235918	.
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ID=Smp_133770.1;Parent=Smp_133770;geneID=Smp_133770;product=Glutamin
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synthetase;polypeptide_domain=InterPro:IPR008146,IPR008147,IPR014746
Pfam:PF00120;Ontology_term=GO:0003824,GO:0004356,GO:0006542,GO:00068
07
SM_V9_ZSR	Liftoff	exon	24225639	24230611	.
	+	.	Parent=Smp_133770.1
SM_V9_ZSR	Liftoff	exon	24233502	24234246	.
	+	.	Parent=Smp_133770.1
SM_V9_ZSR	Liftoff	exon	24234827	24235918	.
	+	.	Parent=Smp_133770.1
SM_V9_ZSR	Liftoff	CDS	24230390	24230611	.
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        +       0       Parent=Smp_133770.1
SM_V9_ZSR       Liftoff CDS     24233502        24234246        .
        +       0       Parent=Smp_133770.1
SM_V9_ZSR       Liftoff CDS     24234827        24235383        .
        +       2       Parent=Smp_133770.1
SM_V9_ZSR       iris    gene    24254339        24299405        .
        +       .
ID=Smp_133790;geneID=Smp_133790;gene_name=Smp_133790;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    24254339        24299405        .
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ID=Smp_133790.1;Parent=Smp_133790;geneID=Smp_133790;gene_name=Smp_13
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ied=2022-08-03;Name=Smp_133790.1;product=Small G protein signaling
modulator 3;date_creation=2022-08-03
SM_V9_ZSR       iris    exon    24254339        24254431        .
        +       .       Parent=Smp_133790.1;Name=3befff4c-0ebd-4b67-
b26a-c6627403ffc7
SM_V9_ZSR       iris    exon    24256124        24256402        .
        +       .
Parent=Smp_133790.1;Name=4b6b894a-600b-49dd-8dea-2846994fbdf7
SM_V9_ZSR       iris    exon    24267325        24267755        .
        +       .       Parent=Smp_133790.1;Name=46a6f613-
eba1-4ef0-96c8-aa62011a1bd3
SM_V9_ZSR       iris    exon    24269108        24269242        .
        +       .       Parent=Smp_133790.1;Name=b8e5bc62-5fdc-47b4-
bee9-8b4843780ba2
SM_V9_ZSR       iris    exon    24271266        24271464        .
        +       .       Parent=Smp_133790.1;Name=3a220822-55b7-4e11-
acc2-377f505239d2
SM_V9_ZSR       iris    exon    24272975        24273120        .
        +       .       Parent=Smp_133790.1;Name=7736d10e-6f37-46cd-
a238-2d01c7bef1d5
SM_V9_ZSR       iris    exon    24277788        24277883        .
        +       .       Parent=Smp_133790.1;Name=230dee09-9e45-4c84-
a283-9cd680d738ca
SM_V9_ZSR       iris    exon    24280085        24280219        .
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ac20-b784a7f5e104
SM_V9_ZSR       iris    exon    24286789        24287073        .
        +       .       Parent=Smp_133790.1;Name=ec2ce07a-
fb13-492f-8c74-21c0fb0eb1b6
SM_V9_ZSR       iris    exon    24288531        24288638        .
        +       .       Parent=Smp_133790.1;Name=207f9242-81eb-416f-
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SM_V9_ZSR       iris    exon    24291642        24291901        .
        +       .       Parent=Smp_133790.1;Name=bad2747c-2498-49e8-
aa37-c92fbd8e45c8
SM_V9_ZSR       iris    exon    24293541        24293757        .
        +       .       Parent=Smp_133790.1;Name=87f4d4b1-6800-4f35-
b001-7b3a33ad0f0c
SM_V9_ZSR       iris    exon    24294622        24294707        .
        +       .       Parent=Smp_133790.1;Name=1adadf28-26d3-4a2f-
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SM_V9_ZSR	iris	exon	24296986	24297108	.
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Parent=Smp_133790.1;Name=391503db-7dd3-4be6-994e-fba632e6f881
SM_V9_ZSR	iris	exon	24297792	24299405	.
	+	.
Parent=Smp_133790.1;Name=2d75c1dc-6a53-44b4-9d7c-93973bc368e7
SM_V9_ZSR	iris	CDS	24254398	24254431	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24256124	24256402	.
	+	2	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24267325	24267755	.
	+	2	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24269108	24269242	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24271266	24271464	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24272975	24273120	.
	+	2	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24277788	24277883	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24280085	24280219	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24286789	24287073	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24288531	24288638	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24291642	24291901	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24293541	24293757	.
	+	1	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24294622	24294707	.
	+	0	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24296986	24297108	.
	+	1	Parent=Smp_133790.1
SM_V9_ZSR	iris	CDS	24297792	24298185	.
	+	1	Parent=Smp_133790.1
SM_V9_ZSR	Liftoff	gene	24305289	24308830	.
	+	.	ID=Smp_322810;geneID=Smp_322810
SM_V9_ZSR	Liftoff	mRNA	24305289	24308830	.
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ID=Smp_322810.1;Parent=Smp_322810;geneID=Smp_322810;product=Cysteine
-rich protein 1;polypeptide_domain=InterPro:IPR001781 Pfam:PF00412
SM_V9_ZSR	Liftoff	exon	24305289	24305933	.
	+	.	Parent=Smp_322810.1
SM_V9_ZSR	Liftoff	exon	24305967	24306061	.
	+	.	Parent=Smp_322810.1
SM_V9_ZSR	Liftoff	exon	24307597	24307654	.
	+	.	Parent=Smp_322810.1
SM_V9_ZSR	Liftoff	exon	24308653	24308830	.
	+	.	Parent=Smp_322810.1
SM_V9_ZSR	Liftoff	CDS	24305897	24305933	.
	+	0	Parent=Smp_322810.1
SM_V9_ZSR	Liftoff	CDS	24305967	24306061	.
	+	2	Parent=Smp_322810.1
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SM_V9_ZSR       Liftoff CDS     24307597        24307654        .
        +       0       Parent=Smp_322810.1
SM_V9_ZSR       Liftoff CDS     24308653        24308687        .
        +       2       Parent=Smp_322810.1
SM_V9_ZSR       iris    gene    24318988        24321510        .
        -       .
ID=Smp_322820;geneID=Smp_322820;gene_name=Smp_322820;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    24318988        24321510        .
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ID=Smp_322820.1;Parent=Smp_322820;geneID=Smp_322820;gene_name=Smp_32
2820;owner=irisadmin@local.host;orig_id=Smp_322820.1;date_last_modif
ied=2022-07-20;Name=Smp_322820.1;product=Cysteine-rich protein
1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    24318988        24319179        .
        -       .       Parent=Smp_322820.1;Name=e4827d9a-f709-45f6-
b40d-eea9fe682a31
SM_V9_ZSR       iris    exon    24320144        24320201        .
        -       .       Parent=Smp_322820.1;Name=64db322e-dae5-450d-
a76f-439e3f0eb46c
SM_V9_ZSR       iris    exon    24321283        24321377        .
        -       .       Parent=Smp_322820.1;Name=1db771f7-91b9-4612-
ad1f-e64b8001fa62
SM_V9_ZSR       iris    exon    24321411        24321510        .
        -       .
Parent=Smp_322820.1;Name=ed04a3a8-0d54-41c1-914d-6f224295681b
SM_V9_ZSR       iris    CDS     24319142        24319179        .
        -       2       Parent=Smp_322820.1
SM_V9_ZSR       iris    CDS     24320144        24320201        .
        -       0       Parent=Smp_322820.1
SM_V9_ZSR       iris    CDS     24321283        24321377        .
        -       2       Parent=Smp_322820.1
SM_V9_ZSR       iris    CDS     24321411        24321447        .
        -       0       Parent=Smp_322820.1
SM_V9_ZSR       iris    gene    24323890        24327543        .
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ID=Smp_322830;geneID=Smp_322830;gene_name=Smp_322830;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    24323890        24327543        .
        -       .
ID=Smp_322830.1;Parent=Smp_322830;geneID=Smp_322830;gene_name=Smp_32
2830;owner=irisadmin@local.host;orig_id=Smp_322830.1;date_last_modif
ied=2022-08-20;Name=Smp_322830.1;product=Cysteine-rich protein
1;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    24323890        24324067        .
        -       .       Parent=Smp_322830.1;Name=bda82f06-a738-486c-
bcb1-a03385624408
SM_V9_ZSR       iris    exon    24324721        24324778        .
        -       .       Parent=Smp_322830.1;Name=ece6f5ee-669d-4fb0-
b711-8a2cc0a50ab7
SM_V9_ZSR       iris    exon    24327329        24327423        .
        -       .
Parent=Smp_322830.1;Name=0c3982ef-77b7-42e9-80d3-8477d006fef4
SM_V9_ZSR       iris    exon    24327457        24327543        .
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SM_V9_ZSR       iris    CDS     24324027        24324067        .
        -       2       Parent=Smp_322830.1
SM_V9_ZSR       iris    CDS     24324721        24324778        .
        -       0       Parent=Smp_322830.1
SM_V9_ZSR       iris    CDS     24327329        24327423        .
        -       2       Parent=Smp_322830.1
SM_V9_ZSR       iris    CDS     24327457        24327493        .
        -       0       Parent=Smp_322830.1
SM_V9_ZSR       iris    gene    24338418        24358862        .
        -       .
ID=Smp_133800;geneID=Smp_133800;gene_name=Smp_133800;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    24338418        24358862        .
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ID=Smp_133800.1;Parent=Smp_133800;geneID=Smp_133800;gene_name=Smp_13
3800;owner=irisadmin@local.host;orig_id=Smp_133800.1;date_last_modif
ied=2022-08-20;Name=Smp_133800.1;product=Hypothetical
protein;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    24338418        24339092        .
        -       .       Parent=Smp_133800.1;Name=Smp_133800.1-CDS
SM_V9_ZSR       iris    exon    24347991        24348716        .
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SM_V9_ZSR       iris    exon    24350755        24351061        .
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Parent=Smp_133800.1;Name=d2543cc0-252e-4644-95cd-760d5c715324
SM_V9_ZSR       iris    exon    24355710        24355937        .
        -       .       Parent=Smp_133800.1;Name=361314a0-15b8-4ea0-
b3ff-dcf8bdd26a81
SM_V9_ZSR       iris    exon    24358797        24358862        .
        -       .
Parent=Smp_133800.1;Name=2db0c0a8-6028-4c5c-873c-ade5783e7830
SM_V9_ZSR       iris    CDS     24338914        24339092        .
        -       2       Parent=Smp_133800.1
SM_V9_ZSR       iris    CDS     24347991        24348716        .
        -       2       Parent=Smp_133800.1
SM_V9_ZSR       iris    CDS     24350755        24350965        .
        -       0       Parent=Smp_133800.1
SM_V9_ZSR       Liftoff gene    24368956        24381027        .
        -       .       ID=Smp_021460;geneID=Smp_021460
SM_V9_ZSR       Liftoff mRNA    24368956        24381027        .
        -       .
ID=Smp_021460.1;Parent=Smp_021460;geneID=Smp_021460;product=Lengsin;
polypeptide_domain=InterPro:IPR008146,IPR008147,IPR014746
Pfam:PF00120;Ontology_term=GO:0003824,GO:0004356,GO:0006542,GO:00068
07
SM_V9_ZSR       Liftoff exon    24368956        24369774        .
        -       .       Parent=Smp_021460.1
SM_V9_ZSR       Liftoff exon    24370377        24371121        .
        -       .       Parent=Smp_021460.1
SM_V9_ZSR       Liftoff exon    24372575        24372808        .
        -       .       Parent=Smp_021460.1
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SM_V9_ZSR       Liftoff exon    24380888        24381027        .
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SM_V9_ZSR       Liftoff CDS     24369221        24369774        .
        -       2       Parent=Smp_021460.1
SM_V9_ZSR       Liftoff CDS     24370377        24371121        .
        -       0       Parent=Smp_021460.1
SM_V9_ZSR       Liftoff CDS     24372575        24372808        .
        -       0       Parent=Smp_021460.1
SM_V9_ZSR       Liftoff CDS     24380888        24380896        .
        -       0       Parent=Smp_021460.1
SM_V9_ZSR       Liftoff gene    24407921        24419741        .
        -       .       ID=Smp_266980;geneID=Smp_266980
SM_V9_ZSR       Liftoff mRNA    24407921        24419741        .
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ID=Smp_266980.1;Parent=Smp_266980;geneID=Smp_266980;product=Coiled-
coil domain-containing protein
28B;polypeptide_domain=InterPro:IPR025271 Pfam:PF13270
SM_V9_ZSR       Liftoff exon    24407921        24408220        .
        -       .       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff exon    24409350        24409372        .
        -       .       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff exon    24411335        24411395        .
        -       .       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff exon    24411426        24411564        .
        -       .       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff exon    24411601        24411717        .
        -       .       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff exon    24411755        24419741        .
        -       .       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff CDS     24408184        24408220        .
        -       1       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff CDS     24409350        24409372        .
        -       0       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff CDS     24411335        24411395        .
        -       1       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff CDS     24411426        24411564        .
        -       2       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff CDS     24411601        24411717        .
        -       2       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff CDS     24411755        24411806        .
        -       0       Parent=Smp_266980.1
SM_V9_ZSR       Liftoff gene    24440321        24442767        .
        +       .       ID=Smp_021730;geneID=Smp_021730
SM_V9_ZSR       Liftoff mRNA    24440321        24442767        .
        +       .
ID=Smp_021730.1;Parent=Smp_021730;geneID=Smp_021730;product=Formin-
C;polypeptide_domain=InterPro:IPR002124;Ontology_term=GO:0004129,GO:
0005740
SM_V9_ZSR       Liftoff exon    24440321        24440541        .
        +       .       Parent=Smp_021730.1
SM_V9_ZSR       Liftoff exon    24440574        24440656        .
        +       .       Parent=Smp_021730.1
SM_V9_ZSR       Liftoff exon    24440693        24440786        .
        +       .       Parent=Smp_021730.1
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SM_V9_ZSR	Liftoff	exon	24442293	24442767	.
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SM_V9_ZSR	Liftoff	CDS	24440394	24440541	.
	+	0	Parent=Smp_021730.1
SM_V9_ZSR	Liftoff	CDS	24440574	24440656	.
	+	2	Parent=Smp_021730.1
SM_V9_ZSR	Liftoff	CDS	24440693	24440786	.
	+	0	Parent=Smp_021730.1
SM_V9_ZSR	Liftoff	CDS	24442293	24442627	.
	+	2	Parent=Smp_021730.1
SM_V9_ZSR	iris	gene	24456581	24479399	.
	+	.
ID=Smp_212200;geneID=Smp_212200;gene_name=Smp_212200;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	24456581	24479399	.
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ID=Smp_212200.1;Parent=Smp_212200;geneID=Smp_212200;gene_name=Smp_21
2200;owner=irisadmin@local.host;orig_id=Smp_212200.2;date_last_modif
ied=2022-07-20;Name=Smp_212200.1;product=PHD finger protein
20;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	24456581	24456934	.
	+	.	Parent=Smp_212200.1;Name=0c1ca996-
f718-493d-8e92-6010a3291472
SM_V9_ZSR	iris	exon	24465813	24466748	.
	+	.
Parent=Smp_212200.1;Name=61dd661c-2637-47e5-8bfc-66d4628bdd08
SM_V9_ZSR	iris	exon	24469065	24469459	.
	+	.	Parent=Smp_212200.1;Name=a5705650-
c021-4ea2-85df-9e663a5d24fb
SM_V9_ZSR	iris	exon	24470091	24470668	.
	+	.
Parent=Smp_212200.1;Name=c72489b8-2bb2-4a60-824b-355f3548d5ac
SM_V9_ZSR	iris	exon	24475563	24476277	.
	+	.	Parent=Smp_212200.1;Name=794597c2-abd5-4f5b-
b859-66ea77b34123
SM_V9_ZSR	iris	exon	24477533	24477726	.
	+	.	Parent=Smp_212200.1;Name=71847eea-c61d-47ce-
af58-700aaee81101
SM_V9_ZSR	iris	exon	24478082	24479399	.
	+	.	Parent=Smp_212200.1;Name=220d786d-
ec60-45bb-943e-caaa7bdf0adc
SM_V9_ZSR	iris	CDS	24456806	24456934	.
	+	0	Parent=Smp_212200.1
SM_V9_ZSR	iris	CDS	24465813	24466748	.
	+	0	Parent=Smp_212200.1
SM_V9_ZSR	iris	CDS	24469065	24469459	.
	+	0	Parent=Smp_212200.1
SM_V9_ZSR	iris	CDS	24470091	24470668	.
	+	1	Parent=Smp_212200.1
SM_V9_ZSR	iris	CDS	24475563	24476277	.
	+	2	Parent=Smp_212200.1
SM_V9_ZSR	iris	CDS	24477533	24477726	.
	+	1	Parent=Smp_212200.1
SM_V9_ZSR	iris	CDS	24478082	24478893	.
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        +       2       Parent=Smp_212200.1
SM_V9_ZSR       iris    gene    24486166        24517265        .
        +       .
ID=Smp_322850;geneID=Smp_322850;gene_name=Smp_322850;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR       iris    mRNA    24486166        24517265        .
        +       .
ID=Smp_322850.1;Parent=Smp_322850;geneID=Smp_322850;gene_name=Smp_32
2850;owner=irisadmin@local.host;orig_id=Smp_322850.1;date_last_modif
ied=2022-10-01;Name=Smp_322850.1;product=Probable glutamate
receptor;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    24486166        24486402        .
        +       .       Parent=Smp_322850.1;Name=eb9fb30a-6344-449a-
a533-611e3ff4c793
SM_V9_ZSR       iris    exon    24486567        24486734        .
        +       .       Parent=Smp_322850.1;Name=f850ac62-c0d0-42eb-
a62d-10fb2d9654a4
SM_V9_ZSR       iris    exon    24490741        24491010        .
        +       .       Parent=Smp_322850.1;Name=f1e9dba3-
dd3b-4585-9b91-73daf19942c0
SM_V9_ZSR       iris    exon    24497141        24497394        .
        +       .       Parent=Smp_322850.1;Name=f4a02287-95c7-4dbf-
b968-8f26cd8a8f94
SM_V9_ZSR       iris    exon    24500433        24500669        .
        +       .
Parent=Smp_322850.1;Name=8413e9a8-3417-4ac0-868b-919a9a4c3904
SM_V9_ZSR       iris    exon    24502323        24502490        .
        +       .       Parent=Smp_322850.1;Name=d8fcecd6-7674-465c-
a06e-7303d5ed81a7
SM_V9_ZSR       iris    exon    24504395        24504616        .
        +       .       Parent=Smp_322850.1;Name=2aba49e4-
b262-4c4b-811a-6a0b5303e2d9
SM_V9_ZSR       iris    exon    24507854        24507963        .
        +       .       Parent=Smp_322850.1;Name=2551b675-63be-4c4e-
a4dc-8457d36a2d27
SM_V9_ZSR       iris    exon    24509143        24509233        .
        +       .       Parent=Smp_322850.1;Name=fd998b20-f75e-493b-
bd8b-d8f28a1bb83b
SM_V9_ZSR       iris    exon    24511305        24511632        .
        +       .
Parent=Smp_322850.1;Name=e4f74815-6b0f-461c-9677-39a7bbcbc795
SM_V9_ZSR       iris    exon    24512911        24513128        .
        +       .       Parent=Smp_322850.1;Name=d48203f0-4096-4b5c-
b3b2-e3be5b4f1f47
SM_V9_ZSR       iris    exon    24516035        24516297        .
        +       .
Parent=Smp_322850.1;Name=bdccdeb7-6d8d-4a20-93fa-7e6eee0b4908
SM_V9_ZSR       iris    exon    24516893        24517265        .
        +       .       Parent=Smp_322850.1;Name=43780e32-7e02-4ce2-
a7ae-6748be365202
SM_V9_ZSR       iris    CDS     24486327        24486402        .
        +       0       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24486567        24486734        .
        +       2       Parent=Smp_322850.1
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SM_V9_ZSR       iris    CDS     24490741        24491010        .
        +       2       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24497141        24497394        .
        +       2       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24500433        24500669        .
        +       0       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24502323        24502490        .
        +       0       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24504395        24504616        .
        +       0       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24507854        24507963        .
        +       0       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24509143        24509233        .
        +       1       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24511305        24511632        .
        +       0       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24512911        24513128        .
        +       2       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24516035        24516297        .
        +       0       Parent=Smp_322850.1
SM_V9_ZSR       iris    CDS     24516893        24517145        .
        +       1       Parent=Smp_322850.1
SM_V9_ZSR       iris    gene    24541383        24564302        .
        -       .
ID=Smp_347330;geneID=Smp_347330;gene_name=Smp_347330;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    24541383        24564302        .
        -       .
ID=Smp_347330.1;Parent=Smp_347330;geneID=Smp_347330;gene_name=Smp_34
7330;owner=irisadmin@local.host;orig_id=Smp_347330.1;date_last_modif
ied=2022-07-20;Name=Smp_347330.1;product=Methyltransferase-like
protein 17, mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    24541383        24541642        .
        -       .
Parent=Smp_347330.1;Name=6f5829cf-18c9-4207-801e-35a520326462
SM_V9_ZSR       iris    exon    24543382        24543596        .
        -       .       Parent=Smp_347330.1;Name=3a934d94-
e230-4fb1-8b2a-9dc9e6b4f063
SM_V9_ZSR       iris    exon    24544151        24544231        .
        -       .       Parent=Smp_347330.1;Name=3115ba85-4dcb-41f1-
a365-26f928d15798
SM_V9_ZSR       iris    exon    24544771        24544809        .
        -       .       Parent=Smp_347330.1;Name=496cae9c-207f-441b-
baed-6a4f3b2b7560
SM_V9_ZSR       iris    exon    24547988        24548158        .
        -       .       Parent=Smp_347330.1;Name=b0403fb1-3a9b-447f-
ba8e-25b3c8188888
SM_V9_ZSR       iris    exon    24558533        24558704        .
        -       .       Parent=Smp_347330.1;Name=77ce1a9e-
cb7d-4930-811e-ab36b9fb7eef
SM_V9_ZSR       iris    exon    24560264        24560419        .
        -       .
Parent=Smp_347330.1;Name=6e6c1c74-5c6f-43d9-9cfe-a1cc4a5c6586
SM_V9_ZSR       iris    exon    24563675        24563832        .
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        -       .
Parent=Smp_347330.1;Name=27dbccfe-0637-4f8d-98b8-7ab199406b6a
SM_V9_ZSR       iris    exon    24563964        24564302        .
        -       .       Parent=Smp_347330.1;Name=5873e109-c8af-4525-
a50a-9cf3d36dc94c
SM_V9_ZSR       iris    CDS     24541510        24541642        .
        -       1       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24543382        24543596        .
        -       0       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24544151        24544231        .
        -       0       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24544771        24544809        .
        -       0       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24547988        24548158        .
        -       0       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24558533        24558704        .
        -       1       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24560264        24560419        .
        -       1       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24563675        24563832        .
        -       0       Parent=Smp_347330.1
SM_V9_ZSR       iris    CDS     24563964        24564302        .
        -       0       Parent=Smp_347330.1
SM_V9_ZSR       iris    gene    24645575        24690657        .
        -       .
ID=Smp_180190;geneID=Smp_180190;gene_name=Smp_180190;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_ZSR       iris    mRNA    24645575        24690657        .
        -       .
ID=Smp_180190.1;Parent=Smp_180190;geneID=Smp_180190;gene_name=Smp_18
0190;owner=irisadmin@local.host;orig_id=Smp_180190.1;date_last_modif
ied=2022-08-03;Name=Smp_180190.1;product=ATP synthase subunit
beta;date_creation=2022-08-03
SM_V9_ZSR       iris    exon    24645575        24646141        .
        -       .       Parent=Smp_180190.1;Name=d7bccacb-
d77a-4a13-9278-02ea488d22b2
SM_V9_ZSR       iris    exon    24647075        24647224        .
        -       .       Parent=Smp_180190.1;Name=d10dbb26-6a52-4862-
a374-ae06b6f643bb
SM_V9_ZSR       iris    exon    24648633        24648691        .
        -       .       Parent=Smp_180190.1;Name=1457ec0c-6730-4397-
ac42-c3b206517688
SM_V9_ZSR       iris    exon    24650075        24650224        .
        -       .       Parent=Smp_180190.1;Name=5c11290a-ce2b-4e72-
b28e-a76f2b575dc0
SM_V9_ZSR       iris    exon    24650313        24650423        .
        -       .
Parent=Smp_180190.1;Name=7d48532a-255b-41c2-9416-f4a2a95e0460
SM_V9_ZSR       iris    exon    24650601        24650993        .
        -       .
Parent=Smp_180190.1;Name=19987861-6140-4414-891c-66f3ba500b8f
SM_V9_ZSR       iris    exon    24653282        24653594        .
        -       .       Parent=Smp_180190.1;Name=5aacb6a4-
eb6c-428a-816c-ba803913e73e
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SM_V9_ZSR	iris	exon	24653880	24653954	.
	-	.	Parent=Smp_180190.1;Name=8eda6e24-499a-4222-
a045-a782815ac969
SM_V9_ZSR	iris	exon	24655508	24655667	.
	-	.	Parent=Smp_180190.1;Name=5dc5ec85-cea0-4c69-
bdac-122f77fc50a4
SM_V9_ZSR	iris	exon	24659724	24659761	.
	-	.	Parent=Smp_180190.1;Name=0c889c8f-bf2d-45b5-
b818-2db76cf0f745
SM_V9_ZSR	iris	exon	24664534	24664615	.
	-	.	Parent=Smp_180190.1;Name=a9be7ed0-
fb2f-40e4-8582-41f1ce7e613d
SM_V9_ZSR	iris	exon	24667002	24667201	.
	-	.	Parent=Smp_180190.1;Name=184cc038-bf7c-45b0-
a5c9-f39b9e3b6da7
SM_V9_ZSR	iris	exon	24668101	24668342	.
	-	.	Parent=Smp_180190.1;Name=0c604d9b-a4a0-48f4-
a9a7-301a03a44418
SM_V9_ZSR	iris	exon	24671257	24671401	.
	-	.
Parent=Smp_180190.1;Name=1e70d6f2-9a0a-4d3c-87f5-9c3d60afb9fb
SM_V9_ZSR	iris	exon	24677481	24677549	.
	-	.	Parent=Smp_180190.1;Name=3ccc7606-
bb2f-447f-90e4-829ea8802ca1
SM_V9_ZSR	iris	exon	24677919	24677966	.
	-	.
Parent=Smp_180190.1;Name=3c4ee528-5216-4352-8235-5f226557ddff
SM_V9_ZSR	iris	exon	24679038	24679093	.
	-	.	Parent=Smp_180190.1;Name=c78d7584-ad1a-4b22-
b2b9-333118783989
SM_V9_ZSR	iris	exon	24679244	24679366	.
	-	.
Parent=Smp_180190.1;Name=4f6a8676-421e-4973-9979-6cf8fe16e3d6
SM_V9_ZSR	iris	exon	24680461	24680526	.
	-	.	Parent=Smp_180190.1;Name=9c79ff54-77ba-43c3-
a57d-9b93ff1beed2
SM_V9_ZSR	iris	exon	24681271	24681440	.
	-	.	Parent=Smp_180190.1;Name=31be6f13-bd4a-437d-
bf72-6ed8def82ce0
SM_V9_ZSR	iris	exon	24682436	24682511	.
	-	.	Parent=Smp_180190.1;Name=ad19cf80-ebc7-460f-
a40e-227c61da8fd0
SM_V9_ZSR	iris	exon	24689643	24689708	.
	-	.
Parent=Smp_180190.1;Name=c51bf211-3559-409f-97c7-01291070bb4b
SM_V9_ZSR	iris	exon	24689742	24689854	.
	-	.
Parent=Smp_180190.1;Name=bca9ed1e-214b-4134-8f62-ba0fb7692de8
SM_V9_ZSR	iris	exon	24689888	24689969	.
	-	.	Parent=Smp_180190.1;Name=99711091-f7d4-4f81-
be93-3c1fce193ee9
SM_V9_ZSR	iris	exon	24690000	24690099	.
	-	.	Parent=Smp_180190.1;Name=b24af36b-2f92-4843-
adb4-332a6dcdb1d7
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SM_V9_ZSR	iris	exon	24690132	24690183	.
	-	.	Parent=Smp_180190.1;Name=4c5b028b-9584-45d8-
b2e5-7269d2649483
SM_V9_ZSR	iris	exon	24690227	24690270	.
	-	.	Parent=Smp_180190.1;Name=93b6176c-26d0-4450-
b69a-1cdd86bda40e
SM_V9_ZSR	iris	exon	24690309	24690371	.
	-	.	Parent=Smp_180190.1;Name=1bdb9290-
ad37-4b79-83b6-f9fa05dc4d51
SM_V9_ZSR	iris	exon	24690406	24690475	.
	-	.
Parent=Smp_180190.1;Name=22fa933b-2fc8-4c46-9ba5-b6b2d2e0e9ca
SM_V9_ZSR	iris	exon	24690509	24690657	.
	-	.
Parent=Smp_180190.1;Name=94f572dd-165a-4c39-82c9-218802c735ca
SM_V9_ZSR	iris	CDS	24646054	24646141	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24647075	24647224	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24648633	24648691	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24650075	24650224	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24650313	24650423	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24650601	24650993	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24653282	24653594	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24653880	24653954	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24655508	24655667	.
	-	2	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24659724	24659761	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24664534	24664615	.
	-	2	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24667002	24667201	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24668101	24668342	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24671257	24671401	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24677481	24677549	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24677919	24677966	.
	-	1	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24679038	24679093	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24679244	24679366	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24680461	24680526	.
	-	0	Parent=Smp_180190.1
SM_V9_ZSR	iris	CDS	24681271	24681440	.
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        -       2       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24682436        24682511        .
        -       0       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24689643        24689708        .
        -       0       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24689742        24689854        .
        -       2       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24689888        24689969        .
        -       0       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24690000        24690099        .
        -       1       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24690132        24690183        .
        -       2       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24690227        24690270        .
        -       1       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24690309        24690371        .
        -       1       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24690406        24690475        .
        -       2       Parent=Smp_180190.1
SM_V9_ZSR       iris    CDS     24690509        24690614        .
        -       0       Parent=Smp_180190.1
SM_V9_ZSR       Liftoff gene    24694516        24707162        .
        +       .       ID=Smp_180180;geneID=Smp_180180
SM_V9_ZSR       Liftoff mRNA    24694516        24707162        .
        +       .
ID=Smp_180180.1;Parent=Smp_180180;geneID=Smp_180180;product=Nucleoti
de exchange factor
SIL1;polypeptide_domain=InterPro:IPR011989,IPR016024;Ontology_term=G
O:0005488
SM_V9_ZSR       Liftoff exon    24694516        24694732        .
        +       .       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff exon    24694765        24694923        .
        +       .       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff exon    24694953        24695203        .
        +       .       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff exon    24695237        24695355        .
        +       .       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff exon    24698104        24698402        .
        +       .       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff exon    24704805        24707162        .
        +       .       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff CDS     24694678        24694732        .
        +       0       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff CDS     24694765        24694923        .
        +       2       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff CDS     24694953        24695203        .
        +       2       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff CDS     24695237        24695355        .
        +       0       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff CDS     24698104        24698402        .
        +       1       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff CDS     24704805        24704809        .
        +       2       Parent=Smp_180180.1
SM_V9_ZSR       Liftoff gene    24708330        24708963        .
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ID=Smp_322880;geneID=Smp_322880;previous_systematic_id=Smp_111800
SM_V9_ZSR       Liftoff mRNA    24708330        24708963        .
        -       .
ID=Smp_322880.1;Parent=Smp_322880;geneID=Smp_322880;product=INO80
complex subunit B
SM_V9_ZSR       Liftoff exon    24708330        24708963        .
        -       .       Parent=Smp_322880.1
SM_V9_ZSR       Liftoff CDS     24708406        24708780        .
        -       0       Parent=Smp_322880.1
SM_V9_ZSR       Liftoff gene    24708959        24716655        .
        +       .       ID=Smp_316540;geneID=Smp_316540
SM_V9_ZSR       Liftoff mRNA    24708959        24716655        .
        +       .
ID=Smp_316540.1;Parent=Smp_316540;geneID=Smp_316540;product=Tetherin
g factor for nuclear proteasome STS1
SM_V9_ZSR       Liftoff exon    24708959        24710732        .
        +       .       Parent=Smp_316540.1
SM_V9_ZSR       Liftoff exon    24716315        24716655        .
        +       .       Parent=Smp_316540.1
SM_V9_ZSR       Liftoff CDS     24710678        24710732        .
        +       0       Parent=Smp_316540.1
SM_V9_ZSR       Liftoff CDS     24716315        24716595        .
        +       2       Parent=Smp_316540.1
SM_V9_ZSR       Liftoff gene    24717853        24719467        .
        -       .
ID=Smp_322870;geneID=Smp_322870;previous_systematic_id=Smp_111800
SM_V9_ZSR       Liftoff mRNA    24717853        24719467        .
        -       .
ID=Smp_322870.1;Parent=Smp_322870;geneID=Smp_322870;product=INO80
complex subunit B
SM_V9_ZSR       Liftoff exon    24717853        24718452        .
        -       .       Parent=Smp_322870.1
SM_V9_ZSR       Liftoff exon    24718518        24719467        .
        -       .       Parent=Smp_322870.1
SM_V9_ZSR       Liftoff CDS     24717895        24718452        .
        -       0       Parent=Smp_322870.1
SM_V9_ZSR       Liftoff CDS     24718518        24718565        .
        -       0       Parent=Smp_322870.1
SM_V9_ZSR       iris    gene    24723139        24734740        .
        -       .
ID=Smp_318630;geneID=Smp_318630;gene_name=Smp_318630;owner=irisadmin
@local.host;date_last_modified=2022-10-17;date_creation=2022-10-17
SM_V9_ZSR       iris    mRNA    24723139        24734740        .
        -       .
ID=Smp_318630.1;Parent=Smp_318630;geneID=Smp_318630;gene_name=Smp_31
8630;owner=irisadmin@local.host;orig_id=Smp_318630.1;date_last_modif
ied=2022-10-17;Name=Smp_318630.1;date_creation=2022-10-17
SM_V9_ZSR       iris    exon    24723139        24723494        .
        -       .       Parent=Smp_318630.1;Name=377c2aa1-f5c2-494e-
aca7-7a8d28446770
SM_V9_ZSR       iris    exon    24725291        24725397        .
        -       .       Parent=Smp_318630.1;Name=da166615-3c2b-4d53-
bcea-32c65068edfc
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SM_V9_ZSR	iris	exon	24726817	24726935	.
	-	.	Parent=Smp_318630.1;Name=6734c7bf-d8df-4799-
b013-7d7f168ec3f5
SM_V9_ZSR	iris	exon	24728545	24728726	.
	-	.	Parent=Smp_318630.1;Name=21a6117e-d793-4c31-
a5e3-189398874e04
SM_V9_ZSR	iris	exon	24730097	24730319	.
	-	.	Parent=Smp_318630.1;Name=6530676f-
d4ee-451b-9b1c-b458603b4952
SM_V9_ZSR	iris	exon	24732039	24732173	.
	-	.	Parent=Smp_318630.1;Name=0b3e4c86-6392-4fe1-
a74e-bb00c4893556
SM_V9_ZSR	iris	exon	24734568	24734740	.
	-	.	Parent=Smp_318630.1;Name=8be942f0-43eb-4094-
b7ca-49c7c6103c3d
SM_V9_ZSR	iris	CDS	24723208	24723494	.
	-	2	Parent=Smp_318630.1
SM_V9_ZSR	iris	CDS	24725291	24725397	.
	-	1	Parent=Smp_318630.1
SM_V9_ZSR	iris	CDS	24726817	24726935	.
	-	0	Parent=Smp_318630.1
SM_V9_ZSR	iris	CDS	24728545	24728726	.
	-	2	Parent=Smp_318630.1
SM_V9_ZSR	iris	CDS	24730097	24730319	.
	-	0	Parent=Smp_318630.1
SM_V9_ZSR	iris	CDS	24732039	24732173	.
	-	0	Parent=Smp_318630.1
SM_V9_ZSR	iris	CDS	24734568	24734711	.
	-	0	Parent=Smp_318630.1
SM_V9_ZSR	iris	gene	24793041	24797680	.
	-	.
ID=Smp_322890;geneID=Smp_322890;gene_name=Smp_322890;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	24793041	24797680	.
	-	.
ID=Smp_322890.1;Parent=Smp_322890;geneID=Smp_322890;gene_name=Smp_32
2890;owner=irisadmin@local.host;orig_id=Smp_322890.1;date_last_modif
ied=2022-07-20;Name=Smp_322890.1;product=INO80 complex subunit
B;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	24793041	24793640	.
	-	.
Parent=Smp_322890.1;Name=dd20d0fb-6e14-4fe8-8f4c-a15a12b49cec
SM_V9_ZSR	iris	exon	24794019	24794489	.
	-	.	Parent=Smp_322890.1;Name=cdf1755d-e2f5-493e-
ae59-e5e9c2ee6e75
SM_V9_ZSR	iris	exon	24796700	24796791	.
	-	.	Parent=Smp_322890.1;Name=9e6d5843-6243-4787-
a394-09a1f681428f
SM_V9_ZSR	iris	exon	24796830	24796885	.
	-	.
Parent=Smp_322890.1;Name=6bfebffc-1363-4116-9c66-7990add7cb80
SM_V9_ZSR	iris	exon	24796922	24797016	.
	-	.	Parent=Smp_322890.1;Name=15efe194-
d2ee-4b23-816b-1994fc547c86
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SM_V9_ZSR	iris	exon	24797524	24797680	.
	-	.	Parent=Smp_322890.1;Name=81e797af-
e19e-43b2-981f-7bdfbc554d3a
SM_V9_ZSR	iris	CDS	24793083	24793640	.
	-	0	Parent=Smp_322890.1
SM_V9_ZSR	iris	CDS	24794019	24794489	.
	-	0	Parent=Smp_322890.1
SM_V9_ZSR	iris	CDS	24796700	24796791	.
	-	2	Parent=Smp_322890.1
SM_V9_ZSR	iris	CDS	24796830	24796836	.
	-	0	Parent=Smp_322890.1
SM_V9_ZSR	iris	non_canonical_five_prime_splice_site
24797522	24797522	.	-	.
ID=Smp_322890.1-
non_canonical_five_prime_splice_site-24797521;Name=Smp_322890.1-
non_canonical_five_prime_splice_site-24797521
SM_V9_ZSR	Liftoff	gene	24815908	24825982	.
	+	.	ID=Smp_103920;geneID=Smp_103920
SM_V9_ZSR	Liftoff	mRNA	24815908	24825982	.
	+	.
ID=Smp_103920.1;Parent=Smp_103920;geneID=Smp_103920;product=Dynein
intermediate chain 3,
ciliary;polypeptide_domain=InterPro:IPR001680,IPR015943,IPR017986;On
tology_term=GO:0005515
SM_V9_ZSR	Liftoff	exon	24815908	24816276	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	exon	24816310	24816428	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	exon	24816465	24816715	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	exon	24816755	24817047	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	exon	24818434	24818763	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	exon	24821525	24821758	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	exon	24824630	24824797	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	exon	24825711	24825982	.
	+	.	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	CDS	24815932	24816276	.
	+	0	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	CDS	24816310	24816428	.
	+	0	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	CDS	24816465	24816715	.
	+	1	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	CDS	24816755	24817047	.
	+	2	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	CDS	24818434	24818763	.
	+	0	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	CDS	24821525	24821758	.
	+	0	Parent=Smp_103920.1
SM_V9_ZSR	Liftoff	CDS	24824630	24824797	.
	+	0	Parent=Smp_103920.1
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SM_V9_ZSR       Liftoff CDS     24825711        24825848        .
        +       0       Parent=Smp_103920.1
SM_V9_ZSR       iris    gene    24826141        24829116        .
        -       .
ID=Smp_103930;geneID=Smp_103930;gene_name=Smp_103930;owner=irisadmin
@local.host;date_last_modified=2022-11-13;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    24826141        24828743        .
        -       .
ID=Smp_103930.1;Parent=Smp_103930;geneID=Smp_103930;gene_name=Smp_10
3930;owner=irisadmin@local.host;orig_id=Smp_103930.1;date_last_modif
ied=2022-11-13;Name=Smp_103930.1;product=Alpha-1,2-
mannosyltransferase ALG9;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    24826141        24828743        .
        -       .       Parent=Smp_103930.1;Name=d4235afe-bdf1-40b7-
acb7-432d91b76f39
SM_V9_ZSR       iris    CDS     24826935        24828737        .
        -       0       Parent=Smp_103930.1
SM_V9_ZSR       iris    mRNA    24826141        24829116        .
        -       .
ID=Smp_103930.2;Parent=Smp_103930;geneID=Smp_103930;gene_name=Smp_10
3930;owner=irisadmin@local.host;date_last_modified=2022-11-13;Name=S
mp_103930.2;date_creation=2022-11-13
SM_V9_ZSR       iris    exon    24826141        24828743        .
        -       .       Parent=Smp_103930.2;Name=589d9cdc-
a45e-4ed9-8435-9a0f4234bd32
SM_V9_ZSR       iris    exon    24828903        24829116        .
        -       .       Parent=Smp_103930.2;Name=05f54c04-
eb6a-4602-94d0-d2789767b2a7
SM_V9_ZSR       iris    CDS     24826935        24828737        .
        -       0       Parent=Smp_103930.2
SM_V9_ZSR       iris    gene    24851284        24852367        .
        +       .
ID=Smp_103470;geneID=Smp_103470;gene_name=Smp_103470;owner=irisadmin
@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
SM_V9_ZSR       iris    mRNA    24851284        24852367        .
        +       .
ID=Smp_103470.1;Parent=Smp_103470;geneID=Smp_103470;gene_name=Smp_10
3470;owner=irisadmin@local.host;orig_id=Smp_103470.1;date_last_modif
ied=2022-09-05;Name=Smp_103470.1;product=Protein mago nashi homolog
2;date_creation=2022-09-05
SM_V9_ZSR       iris    exon    24851284        24851419        .
        +       .
Parent=Smp_103470.1;Name=7cd28fff-02c3-48eb-8df3-d5f34411c67f
SM_V9_ZSR       iris    exon    24851751        24851897        .
        +       .       Parent=Smp_103470.1;Name=93c34bae-1f11-4aff-
a16d-220513c670fd
SM_V9_ZSR       iris    exon    24851931        24851989        .
        +       .       Parent=Smp_103470.1;Name=96f29df4-
b1f1-4fe8-88d5-1b5e0fc941ca
SM_V9_ZSR       iris    exon    24852024        24852217        .
        +       .       Parent=Smp_103470.1;Name=76810c24-54f3-42a0-
ae76-c53a26592772
SM_V9_ZSR       iris    exon    24852252        24852367        .
        +       .       Parent=Smp_103470.1;Name=3136a20a-7984-4961-
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bb2a-b6c33326ee29
SM_V9_ZSR       iris    CDS     24851810        24851897        .
        +       0       Parent=Smp_103470.1
SM_V9_ZSR       iris    CDS     24851931        24851989        .
        +       2       Parent=Smp_103470.1
SM_V9_ZSR       iris    CDS     24852024        24852217        .
        +       0       Parent=Smp_103470.1
SM_V9_ZSR       iris    CDS     24852252        24852351        .
        +       1       Parent=Smp_103470.1
SM_V9_ZSR       iris    gene    24857577        24873581        .
        -       .
ID=Smp_103460;geneID=Smp_103460;gene_name=Smp_103460;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    24857577        24873581        .
        -       .
ID=Smp_103460.1;Parent=Smp_103460;geneID=Smp_103460;gene_name=Smp_10
3460;owner=irisadmin@local.host;orig_id=Smp_103460.1;date_last_modif
ied=2022-07-20;Name=Smp_103460.1;product=Eukaryotic translation
initiation factor 2 subunit 2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    24857577        24857973        .
        -       .       Parent=Smp_103460.1;Name=83ccf6cc-
be3e-4583-97a3-f2efdcd3f994
SM_V9_ZSR       iris    exon    24865287        24865578        .
        -       .       Parent=Smp_103460.1;Name=f0652355-442e-40f5-
bc20-d90c96ab3d38
SM_V9_ZSR       iris    exon    24873042        24873242        .
        -       .       Parent=Smp_103460.1;Name=b8a88c4e-c5c7-4eff-
bd3a-ba5aed815777
SM_V9_ZSR       iris    exon    24873285        24873455        .
        -       .       Parent=Smp_103460.1;Name=04fb8e57-298e-40f0-
b184-9532c05acd98
SM_V9_ZSR       iris    exon    24873501        24873581        .
        -       .       Parent=Smp_103460.1;Name=774dc8e3-
faf2-45a7-8bb7-9f389487adfc
SM_V9_ZSR       iris    CDS     24857798        24857973        .
        -       2       Parent=Smp_103460.1
SM_V9_ZSR       iris    CDS     24865287        24865578        .
        -       0       Parent=Smp_103460.1
SM_V9_ZSR       iris    CDS     24873042        24873242        .
        -       0       Parent=Smp_103460.1
SM_V9_ZSR       iris    CDS     24873285        24873455        .
        -       0       Parent=Smp_103460.1
SM_V9_ZSR       iris    CDS     24873501        24873506        .
        -       0       Parent=Smp_103460.1
SM_V9_ZSR       iris    gene    24892409        24897050        .
        +       .
ID=Smp_179890;geneID=Smp_179890;gene_name=Smp_179890;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    24892409        24897050        .
        +       .
ID=Smp_179890.1;Parent=Smp_179890;geneID=Smp_179890;gene_name=Smp_17
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ied=2022-07-20;Name=Smp_179890.1;product=WD repeat-containing
protein 48 homolog;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	24892409	24892451	.
	+	.	Parent=Smp_179890.1;Name=89176114-7e0c-4a7d-
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SM_V9_ZSR	iris	exon	24894751	24897050	.
	+	.	Parent=Smp_179890.1;Name=0d288661-1454-46ae-
a181-e6025404b278
SM_V9_ZSR	iris	CDS	24894836	24896854	.
	+	0	Parent=Smp_179890.1
SM_V9_ZSR	iris	gene	24905368	24942842	.
	-	.
ID=Smp_302920;geneID=Smp_302920;gene_name=Smp_302920;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	24905368	24942842	.
	-	.
ID=Smp_302920.1;Parent=Smp_302920;geneID=Smp_302920;gene_name=Smp_30
2920;owner=irisadmin@local.host;orig_id=Smp_302920.1;date_last_modif
ied=2022-07-20;Name=Smp_302920.1;product=Zinc finger FYVE domain-
containing protein 9;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	24905368	24906128	.
	-	.	Parent=Smp_302920.1;Name=f9397b75-0087-4915-
ad8f-dd30538db631
SM_V9_ZSR	iris	exon	24911133	24911420	.
	-	.
Parent=Smp_302920.1;Name=c5fdc321-93ae-4c6b-839d-3e63e8742c5e
SM_V9_ZSR	iris	exon	24912719	24913057	.
	-	.
Parent=Smp_302920.1;Name=fbeac2ce-3863-4dd7-8605-39f32d160553
SM_V9_ZSR	iris	exon	24914702	24914986	.
	-	.
Parent=Smp_302920.1;Name=430cf5c5-8e7f-4192-8884-c86f801e2238
SM_V9_ZSR	iris	exon	24915768	24916399	.
	-	.
Parent=Smp_302920.1;Name=9aa6c0f3-7025-4b65-8c48-9e9ad8405170
SM_V9_ZSR	iris	exon	24916958	24917231	.
	-	.	Parent=Smp_302920.1;Name=bd7ebea8-
b88f-4196-8885-101526e9c08c
SM_V9_ZSR	iris	exon	24919576	24919754	.
	-	.	Parent=Smp_302920.1;Name=cde46ca0-54c9-46d5-
bd8a-237292d66c58
SM_V9_ZSR	iris	exon	24929321	24929692	.
	-	.	Parent=Smp_302920.1;Name=3f6e00d4-
ad08-4deb-86b3-2642c12aea8a
SM_V9_ZSR	iris	exon	24931278	24931673	.
	-	.	Parent=Smp_302920.1;Name=bd21f177-8411-430c-
bc7c-220c6ee9427f
SM_V9_ZSR	iris	exon	24936800	24937361	.
	-	.
Parent=Smp_302920.1;Name=6461cfec-2301-42ca-8f54-a10fa61793f9
SM_V9_ZSR	iris	exon	24942777	24942842	.
	-	.	Parent=Smp_302920.1;Name=220dc981-92de-42cc-
ba63-ca8fe6d855df
SM_V9_ZSR	iris	CDS	24905757	24906128	.
	-	0	Parent=Smp_302920.1
SM_V9_ZSR	iris	CDS	24911133	24911420	.
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        -       0       Parent=Smp_302920.1
SM_V9_ZSR       iris    CDS     24912719        24913057        .
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SM_V9_ZSR       iris    CDS     24914702        24914986        .
        -       0       Parent=Smp_302920.1
SM_V9_ZSR       iris    CDS     24915768        24916399        .
        -       2       Parent=Smp_302920.1
SM_V9_ZSR       iris    CDS     24916958        24917231        .
        -       0       Parent=Smp_302920.1
SM_V9_ZSR       iris    CDS     24919576        24919754        .
        -       2       Parent=Smp_302920.1
SM_V9_ZSR       iris    CDS     24929321        24929692        .
        -       2       Parent=Smp_302920.1
SM_V9_ZSR       iris    CDS     24931278        24931673        .
        -       2       Parent=Smp_302920.1
SM_V9_ZSR       iris    CDS     24936800        24937259        .
        -       0       Parent=Smp_302920.1
SM_V9_ZSR       Liftoff gene    24907006        24909020        .
        +       .       ID=Smp_322900;geneID=Smp_322900
SM_V9_ZSR       Liftoff mRNA    24907006        24909020        .
        +       .
ID=Smp_322900.1;Parent=Smp_322900;geneID=Smp_322900;product=Zinc
finger FYVE domain-containing protein
16;polypeptide_domain=InterPro:IPR022557 Pfam:PF11979
SM_V9_ZSR       Liftoff exon    24907006        24907841        .
        +       .       Parent=Smp_322900.1
SM_V9_ZSR       Liftoff exon    24908623        24909020        .
        +       .       Parent=Smp_322900.1
SM_V9_ZSR       Liftoff CDS     24907206        24907841        .
        +       0       Parent=Smp_322900.1
SM_V9_ZSR       Liftoff CDS     24908623        24908979        .
        +       0       Parent=Smp_322900.1
SM_V9_ZSR       Liftoff gene    24949365        24949610        .
        +       .       ID=Smp_103430;geneID=Smp_103430
SM_V9_ZSR       Liftoff mRNA    24949365        24949610        .
        +       .
ID=Smp_103430.1;Parent=Smp_103430;geneID=Smp_103430;product=Arginase
SM_V9_ZSR       Liftoff exon    24949365        24949610        .
        +       .       Parent=Smp_103430.1
SM_V9_ZSR       Liftoff CDS     24949365        24949610        .
        +       0       Parent=Smp_103430.1
SM_V9_ZSR       iris    gene    24981907        25007191        .
        -       .
ID=Smp_210650;geneID=Smp_210650;gene_name=Smp_210650;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    24981907        25007191        .
        -       .
ID=Smp_210650.1;Parent=Smp_210650;geneID=Smp_210650;gene_name=Smp_21
0650;owner=irisadmin@local.host;orig_id=Smp_210650.1;date_last_modif
ied=2022-08-21;Name=Smp_210650.1;product=Histone-lysine N-
methyltransferase SETD2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    24981907        24982305        .
        -       .
Parent=Smp_210650.1;Name=0e0ab27f-54c6-4d9c-87d8-8817b20b6f91
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SM_V9_ZSR       iris    exon    24983083        24983184        .
        -       .       Parent=Smp_210650.1;Name=a1908e28-e28f-4fdb-
a11f-d56ebbb44ab9
SM_V9_ZSR       iris    exon    24983775        24983831        .
        -       .       Parent=Smp_210650.1;Name=3ef67e9a-b42b-4aed-
aa6d-0f32641f7dd5
SM_V9_ZSR       iris    exon    24983943        24984113        .
        -       .
Parent=Smp_210650.1;Name=33fdb221-57ce-4165-8398-c1d2cc8fbac3
SM_V9_ZSR       iris    exon    24989657        24989824        .
        -       .
Parent=Smp_210650.1;Name=fc2ee64f-3785-4033-8816-6370e046df85
SM_V9_ZSR       iris    exon    24990992        24991214        .
        -       .       Parent=Smp_210650.1;Name=d287772b-40c5-431b-
ab76-126941cc4b22
SM_V9_ZSR       iris    exon    24991643        24991709        .
        -       .       Parent=Smp_210650.1;Name=c39de5d3-894f-46a0-
a873-b51b4dd7a628
SM_V9_ZSR       iris    exon    24992260        24992368        .
        -       .       Parent=Smp_210650.1;Name=a681fbff-
ed9f-471f-9bc3-a31c8cddfd8f
SM_V9_ZSR       iris    exon    24992482        24992855        .
        -       .
Parent=Smp_210650.1;Name=ea297b19-28dd-4df3-8df9-c9829ea5ee17
SM_V9_ZSR       iris    exon    24997969        24998052        .
        -       .
Parent=Smp_210650.1;Name=abb09e56-578a-4479-9499-3dd918ddd9dc
SM_V9_ZSR       iris    exon    24998088        24998250        .
        -       .       Parent=Smp_210650.1;Name=908c048c-
c0a5-46f4-92e9-273e247be4d1
SM_V9_ZSR       iris    exon    24998836        24999081        .
        -       .       Parent=Smp_210650.1;Name=678a04b9-
b572-443e-8c24-5a0bf56b5d79
SM_V9_ZSR       iris    exon    25002007        25002112        .
        -       .
Parent=Smp_210650.1;Name=ba127757-163e-45c5-87d7-ac7f08230ded
SM_V9_ZSR       iris    exon    25004370        25004467        .
        -       .
Parent=Smp_210650.1;Name=b2af4a44-9f78-4cc8-8280-8e9045795b55
SM_V9_ZSR       iris    exon    25004660        25004861        .
        -       .       Parent=Smp_210650.1;Name=e9235350-5aff-48df-
b4da-23e137b2750e
SM_V9_ZSR       iris    exon    25004910        25005341        .
        -       .       Parent=Smp_210650.1;Name=1f93b097-
b1a3-4fca-9a31-6cf1f1ccd43a
SM_V9_ZSR       iris    exon    25006672        25006990        .
        -       .
Parent=Smp_210650.1;Name=73fedbc2-4dde-4421-93c5-618d24ccd742
SM_V9_ZSR       iris    exon    25007036        25007191        .
        -       .
Parent=Smp_210650.1;Name=86c7d04c-64ac-4cc1-9f4f-a36ccdf9b499
SM_V9_ZSR       iris    CDS     24982141        24982305        .
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SM_V9_ZSR       iris    CDS     24983083        24983184        .
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        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24983775        24983831        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24983943        24984113        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24989657        24989824        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24990992        24991214        .
        -       1       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24991643        24991709        .
        -       2       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24992260        24992368        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24992482        24992855        .
        -       2       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24997969        24998052        .
        -       2       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24998088        24998250        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     24998836        24999081        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     25002007        25002112        .
        -       1       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     25004370        25004467        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     25004660        25004861        .
        -       1       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     25004910        25005341        .
        -       1       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     25006672        25006990        .
        -       2       Parent=Smp_210650.1
SM_V9_ZSR       iris    CDS     25007036        25007147        .
        -       0       Parent=Smp_210650.1
SM_V9_ZSR       Liftoff gene    25007501        25009972        .
        -       .       ID=Smp_116360;geneID=Smp_116360
SM_V9_ZSR       Liftoff mRNA    25007501        25009972        .
        -       .
ID=Smp_116360.1;Parent=Smp_116360;geneID=Smp_116360;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    25007501        25009611        .
        -       .       Parent=Smp_116360.1
SM_V9_ZSR       Liftoff exon    25009657        25009709        .
        -       .       Parent=Smp_116360.1
SM_V9_ZSR       Liftoff exon    25009748        25009972        .
        -       .       Parent=Smp_116360.1
SM_V9_ZSR       Liftoff CDS     25007780        25009611        .
        -       2       Parent=Smp_116360.1
SM_V9_ZSR       Liftoff CDS     25009657        25009709        .
        -       1       Parent=Smp_116360.1
SM_V9_ZSR       Liftoff CDS     25009748        25009776        .
        -       0       Parent=Smp_116360.1
SM_V9_ZSR       iris    gene    25026843        25077165        .
        -       .
ID=Smp_305050;geneID=Smp_305050;gene_name=Smp_305050;owner=irisadmin
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    25026843        25077165        .
        -       .
ID=Smp_305050.1;Parent=Smp_305050;geneID=Smp_305050;gene_name=Smp_30
5050;owner=irisadmin@local.host;orig_id=Smp_305050.2;date_last_modif
ied=2022-07-20;Name=Smp_305050.1;product=Centrosomal protein of 131
kDa;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    25026843        25027163        .
        -       .       Parent=Smp_305050.1;Name=7e50e9e8-f104-45d2-
a545-60494073a2b8
SM_V9_ZSR       iris    exon    25028497        25028801        .
        -       .       Parent=Smp_305050.1;Name=3acd323a-
c892-4aa0-85d7-86b18c9af554
SM_V9_ZSR       iris    exon    25029092        25029176        .
        -       .       Parent=Smp_305050.1;Name=165c9777-ccfa-4264-
afc6-5814ea4f3170
SM_V9_ZSR       iris    exon    25029226        25029449        .
        -       .       Parent=Smp_305050.1;Name=ae0d03bf-b954-45ae-
a020-2c896b7ccefe
SM_V9_ZSR       iris    exon    25039667        25039892        .
        -       .       Parent=Smp_305050.1;Name=fc548f50-12d7-443f-
ba6e-f8469d8b3d12
SM_V9_ZSR       iris    exon    25041217        25041434        .
        -       .       Parent=Smp_305050.1;Name=608df7c1-35fa-4883-
b0b3-235c66d06a6d
SM_V9_ZSR       iris    exon    25045962        25046058        .
        -       .       Parent=Smp_305050.1;Name=dd55c788-cd7f-4bb1-
a7b2-049d652680dd
SM_V9_ZSR       iris    exon    25049491        25049828        .
        -       .
Parent=Smp_305050.1;Name=89fd3f14-24c1-4d99-9e30-ebfef7b993e4
SM_V9_ZSR       iris    exon    25056762        25057167        .
        -       .       Parent=Smp_305050.1;Name=decbcf0d-
e712-4f9e-9825-dd1092c115df
SM_V9_ZSR       iris    exon    25058160        25058394        .
        -       .       Parent=Smp_305050.1;Name=54b84ce9-6905-4365-
a623-374961469331
SM_V9_ZSR       iris    exon    25063990        25064290        .
        -       .       Parent=Smp_305050.1;Name=788eb9f9-
b3f8-47ab-8e86-56d0b245937b
SM_V9_ZSR       iris    exon    25066263        25066475        .
        -       .       Parent=Smp_305050.1;Name=42c19973-
e5f8-4383-982c-d86321b4497d
SM_V9_ZSR       iris    exon    25067960        25068210        .
        -       .       Parent=Smp_305050.1;Name=8385cac5-422a-4fa1-
b687-5ffda52806ad
SM_V9_ZSR       iris    exon    25069180        25069447        .
        -       .       Parent=Smp_305050.1;Name=8af734ec-
cc5a-47cd-9594-686fb5291c87
SM_V9_ZSR       iris    exon    25073783        25074100        .
        -       .
Parent=Smp_305050.1;Name=d7ac1e86-38bb-43e7-9a40-f13e8c6a1786
SM_V9_ZSR       iris    exon    25077007        25077165        .
        -       .
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Parent=Smp_305050.1;Name=14f96b98-304c-4363-8c9e-b17484b0281b
SM_V9_ZSR       iris    CDS     25026992        25027163        .
        -       1       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25028497        25028801        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25029092        25029176        .
        -       1       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25029226        25029449        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25039667        25039892        .
        -       1       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25041217        25041434        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25045962        25046058        .
        -       1       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25049491        25049828        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25056762        25057167        .
        -       1       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25058160        25058394        .
        -       2       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25063990        25064290        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25066263        25066475        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25067960        25068210        .
        -       2       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25069180        25069447        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25073783        25074100        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       iris    CDS     25077007        25077093        .
        -       0       Parent=Smp_305050.1
SM_V9_ZSR       Liftoff gene    25088615        25089889        .
        -       .       ID=Smp_322910;geneID=Smp_322910
SM_V9_ZSR       Liftoff mRNA    25088615        25089889        .
        -       .
ID=Smp_322910.1;Parent=Smp_322910;geneID=Smp_322910;product=Solute
carrier family 15 member 5
SM_V9_ZSR       Liftoff exon    25088615        25089889        .
        -       .       Parent=Smp_322910.1
SM_V9_ZSR       Liftoff CDS     25088768        25089001        .
        -       0       Parent=Smp_322910.1
SM_V9_ZSR       Liftoff gene    25091347        25106282        .
        -       .
ID=Smp_305060;geneID=Smp_305060;previous_systematic_id=Smp_103420,Sm
p_154060,Smp_154070,Smp_266990
SM_V9_ZSR       Liftoff mRNA    25091347        25106282        .
        -       .
ID=Smp_305060.1;Parent=Smp_305060;geneID=Smp_305060;product=Thioredo
xin Y2, chloroplastic
SM_V9_ZSR       Liftoff exon    25091347        25096934        .
        -       .       Parent=Smp_305060.1
SM_V9_ZSR       Liftoff exon    25102646        25102963        .
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        -       .       Parent=Smp_305060.1
SM_V9_ZSR       Liftoff exon    25105872        25106282        .
        -       .       Parent=Smp_305060.1
SM_V9_ZSR       Liftoff CDS     25096923        25096934        .
        -       0       Parent=Smp_305060.1
SM_V9_ZSR       Liftoff CDS     25102646        25102963        .
        -       0       Parent=Smp_305060.1
SM_V9_ZSR       Liftoff CDS     25105872        25105958        .
        -       0       Parent=Smp_305060.1
SM_V9_ZSR       Liftoff gene    25125906        25151529        .
        +       .
ID=Smp_305070;geneID=Smp_305070;previous_systematic_id=Smp_154050,Sm
p_187290
SM_V9_ZSR       Liftoff mRNA    25125906        25151529        .
        +       .
ID=Smp_305070.1;Parent=Smp_305070;geneID=Smp_305070;product=NEDD4-
binding protein 1
SM_V9_ZSR       Liftoff exon    25125906        25126012        .
        +       .       Parent=Smp_305070.1
SM_V9_ZSR       Liftoff exon    25134794        25134878        .
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SM_V9_ZSR       Liftoff exon    25142330        25142559        .
        +       .       Parent=Smp_305070.1
SM_V9_ZSR       Liftoff exon    25145826        25151529        .
        +       .       Parent=Smp_305070.1
SM_V9_ZSR       Liftoff CDS     25126001        25126012        .
        +       0       Parent=Smp_305070.1
SM_V9_ZSR       Liftoff CDS     25134794        25134878        .
        +       0       Parent=Smp_305070.1
SM_V9_ZSR       Liftoff CDS     25142330        25142559        .
        +       2       Parent=Smp_305070.1
SM_V9_ZSR       Liftoff CDS     25145826        25145990        .
        +       0       Parent=Smp_305070.1
SM_V9_ZSR       Liftoff gene    25158659        25169442        .
        -       .       ID=Smp_059360;geneID=Smp_059360
SM_V9_ZSR       Liftoff mRNA    25158659        25169442        .
        -       .
ID=Smp_059360.1;Parent=Smp_059360;geneID=Smp_059360;product=Pre-
mRNA-splicing factor
18;polypeptide_domain=InterPro:IPR004098,IPR014906
Pfam:PF02840,PF08799;Ontology_term=GO:0005681,GO:0008380
SM_V9_ZSR       Liftoff exon    25158659        25159156        .
        -       .       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff exon    25163793        25163864        .
        -       .       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff exon    25163910        25164050        .
        -       .       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff exon    25166582        25166899        .
        -       .       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff exon    25166933        25167079        .
        -       .       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff exon    25167116        25167202        .
        -       .       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff exon    25167241        25167363        .
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SM_V9_ZSR       Liftoff exon    25167408        25169442        .
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SM_V9_ZSR       Liftoff CDS     25158914        25159156        .
        -       0       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff CDS     25163793        25163864        .
        -       0       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff CDS     25163910        25164050        .
        -       0       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff CDS     25166582        25166899        .
        -       0       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff CDS     25166933        25167079        .
        -       0       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff CDS     25167116        25167202        .
        -       0       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff CDS     25167241        25167363        .
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SM_V9_ZSR       Liftoff CDS     25167408        25167467        .
        -       0       Parent=Smp_059360.1
SM_V9_ZSR       Liftoff gene    25184396        25189070        .
        +       .       ID=Smp_059350;geneID=Smp_059350
SM_V9_ZSR       Liftoff mRNA    25184396        25189070        .
        +       .
ID=Smp_059350.1;Parent=Smp_059350;geneID=Smp_059350;product=Derlin-1
;polypeptide_domain=InterPro:IPR022764
Pfam:PF04511;Ontology_term=GO:0004252,GO:0016021
SM_V9_ZSR       Liftoff exon    25184396        25184827        .
        +       .       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff exon    25184860        25184971        .
        +       .       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff exon    25185004        25185068        .
        +       .       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff exon    25185593        25185619        .
        +       .       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff exon    25187356        25187504        .
        +       .       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff exon    25187552        25187662        .
        +       .       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff exon    25188874        25189070        .
        +       .       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff CDS     25184669        25184827        .
        +       0       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff CDS     25184860        25184971        .
        +       0       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff CDS     25185004        25185068        .
        +       2       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff CDS     25185593        25185619        .
        +       0       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff CDS     25187356        25187504        .
        +       0       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff CDS     25187552        25187662        .
        +       1       Parent=Smp_059350.1
SM_V9_ZSR       Liftoff CDS     25188874        25189000        .
        +       1       Parent=Smp_059350.1
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SM_V9_ZSR	iris	gene	25193587	25200812	.
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	25193587	25200812	.
	-	.
ID=Smp_059340.1;Parent=Smp_059340;geneID=Smp_059340;gene_name=Smp_05
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protein G(s) subunit alpha;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	25193587	25195211	.
	-	.	Parent=Smp_059340.1;Name=6f261fc8-98db-4f5b-
b025-ef97129e2617
SM_V9_ZSR	iris	exon	25195488	25195558	.
	-	.
Parent=Smp_059340.1;Name=73d34336-50b7-4545-9943-245ef61a13ef
SM_V9_ZSR	iris	exon	25197279	25197409	.
	-	.	Parent=Smp_059340.1;Name=62387e6d-c133-49ab-
b6a2-c978aa5c2564
SM_V9_ZSR	iris	exon	25199685	25199993	.
	-	.
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SM_V9_ZSR	iris	exon	25200027	25200121	.
	-	.	Parent=Smp_059340.1;Name=f43bec77-278c-49e2-
bcf8-a80b8469cabd
SM_V9_ZSR	iris	exon	25200154	25200273	.
	-	.
Parent=Smp_059340.1;Name=b1c3cc6c-9bb1-45d9-818d-1ffea9489559
SM_V9_ZSR	iris	exon	25200306	25200360	.
	-	.
Parent=Smp_059340.1;Name=57cadbbb-9f3c-4ee8-8d9d-79dabf3c1f20
SM_V9_ZSR	iris	exon	25200396	25200468	.
	-	.
Parent=Smp_059340.1;Name=c0e32901-7a3c-48f3-9680-3b83024f7117
SM_V9_ZSR	iris	exon	25200508	25200812	.
	-	.	Parent=Smp_059340.1;Name=10a55532-79e3-43c7-
ac9e-7a17dd28a625
SM_V9_ZSR	iris	CDS	25195065	25195211	.
	-	0	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25195488	25195558	.
	-	2	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25197279	25197409	.
	-	1	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25199685	25199993	.
	-	1	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25200027	25200121	.
	-	0	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25200154	25200273	.
	-	0	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25200306	25200360	.
	-	1	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25200396	25200468	.
	-	2	Parent=Smp_059340.1
SM_V9_ZSR	iris	CDS	25200508	25200643	.
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        -       0       Parent=Smp_059340.1
SM_V9_ZSR       Liftoff gene    25206115        25209992        .
        -       .       ID=Smp_322920;geneID=Smp_322920
SM_V9_ZSR       Liftoff mRNA    25206115        25209992        .
        -       .
ID=Smp_322920.1;Parent=Smp_322920;geneID=Smp_322920;product=Hypothet
ical protein
SM_V9_ZSR       Liftoff exon    25206115        25206680        .
        -       .       Parent=Smp_322920.1
SM_V9_ZSR       Liftoff exon    25208426        25208569        .
        -       .       Parent=Smp_322920.1
SM_V9_ZSR       Liftoff exon    25209693        25209992        .
        -       .       Parent=Smp_322920.1
SM_V9_ZSR       Liftoff CDS     25206207        25206680        .
        -       0       Parent=Smp_322920.1
SM_V9_ZSR       Liftoff CDS     25208426        25208569        .
        -       0       Parent=Smp_322920.1
SM_V9_ZSR       Liftoff CDS     25209693        25209962        .
        -       0       Parent=Smp_322920.1
SM_V9_ZSR       Liftoff gene    25214446        25232345        .
        +       .
ID=Smp_154040;geneID=Smp_154040;previous_systematic_id=Smp_078030
SM_V9_ZSR       Liftoff mRNA    25214446        25232345        .
        +       .
ID=Smp_154040.1;Parent=Smp_154040;geneID=Smp_154040;product=Protein
TFG;polypeptide_domain=InterPro:IPR000270,IPR034857
Pfam:PF00564;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    25214446        25214739        .
        +       .       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff exon    25214771        25214854        .
        +       .       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff exon    25221711        25221943        .
        +       .       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff exon    25223067        25223210        .
        +       .       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff exon    25224956        25225375        .
        +       .       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff exon    25230694        25230954        .
        +       .       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff exon    25231416        25232345        .
        +       .       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff CDS     25214568        25214739        .
        +       0       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff CDS     25214771        25214854        .
        +       2       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff CDS     25221711        25221943        .
        +       2       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff CDS     25223067        25223210        .
        +       0       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff CDS     25224956        25225375        .
        +       0       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff CDS     25230694        25230954        .
        +       0       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff CDS     25231416        25231640        .
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        +       0       Parent=Smp_154040.1
SM_V9_ZSR       Liftoff gene    25235424        25237062        .
        -       .       ID=Smp_078040;geneID=Smp_078040
SM_V9_ZSR       Liftoff mRNA    25235424        25237062        .
        -       .
ID=Smp_078040.1;Parent=Smp_078040;geneID=Smp_078040;product=Tubulin
beta-4B
chain;polypeptide_domain=InterPro:IPR000217,IPR002453,IPR003008,IPR0
08280,IPR013838,IPR017975,IPR018316
Pfam:PF00091,PF03953;Ontology_term=GO:0003924,GO:0005200,GO:0005525,
GO:0005874,GO:0007017
SM_V9_ZSR       Liftoff exon    25235424        25236280        .
        -       .       Parent=Smp_078040.1
SM_V9_ZSR       Liftoff exon    25236313        25236777        .
        -       .       Parent=Smp_078040.1
SM_V9_ZSR       Liftoff exon    25236823        25237062        .
        -       .       Parent=Smp_078040.1
SM_V9_ZSR       Liftoff CDS     25235468        25236280        .
        -       0       Parent=Smp_078040.1
SM_V9_ZSR       Liftoff CDS     25236313        25236777        .
        -       0       Parent=Smp_078040.1
SM_V9_ZSR       Liftoff CDS     25236823        25236879        .
        -       0       Parent=Smp_078040.1
SM_V9_ZSR       Liftoff gene    25238329        25239750        .
        +       .       ID=Smp_114870;geneID=Smp_114870
SM_V9_ZSR       Liftoff mRNA    25238329        25239750        .
        +       .
ID=Smp_114870.1;Parent=Smp_114870;geneID=Smp_114870;product=tRNA
(guanine-N(1)-)-methyltransferase
SM_V9_ZSR       Liftoff exon    25238329        25239750        .
        +       .       Parent=Smp_114870.1
SM_V9_ZSR       Liftoff CDS     25238329        25239750        .
        +       0       Parent=Smp_114870.1
SM_V9_ZSR       Liftoff gene    25247418        25247912        .
        -       .       ID=Smp_092580;geneID=Smp_092580
SM_V9_ZSR       Liftoff mRNA    25247418        25247912        .
        -       .
ID=Smp_092580.1;Parent=Smp_092580;geneID=Smp_092580;product=Guanine
nucleotide-binding protein G(s) subunit
alpha;polypeptide_domain=InterPro:IPR001019,IPR011025,IPR027417
Pfam:PF00503;Ontology_term=GO:0003924,GO:0004871,GO:0007165,GO:00071
86,GO:0019001,GO:0031683
SM_V9_ZSR       Liftoff exon    25247418        25247912        .
        -       .       Parent=Smp_092580.1
SM_V9_ZSR       Liftoff CDS     25247468        25247848        .
        -       0       Parent=Smp_092580.1
SM_V9_ZSR       Liftoff gene    25249146        25252090        .
        +       .       ID=Smp_092570;geneID=Smp_092570
SM_V9_ZSR       Liftoff mRNA    25249146        25252090        .
        +       .
ID=Smp_092570.1;Parent=Smp_092570;geneID=Smp_092570;product=NADH
dehydrogenase [ubiquinone] iron-sulfur protein 3,
mitochondrial;polypeptide_domain=InterPro:IPR001268,IPR010218,IPR020
396 Pfam:PF00329;Ontology_term=GO:0008137,GO:0016651,GO:0055114
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SM_V9_ZSR       Liftoff exon    25249146        25249707        .
        +       .       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff exon    25249746        25250071        .
        +       .       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff exon    25250107        25250352        .
        +       .       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff exon    25251650        25252090        .
        +       .       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff CDS     25249680        25249707        .
        +       0       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff CDS     25249746        25250071        .
        +       2       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff CDS     25250107        25250352        .
        +       0       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff CDS     25251650        25251850        .
        +       0       Parent=Smp_092570.1
SM_V9_ZSR       Liftoff gene    25260590        25261472        .
        -       .       ID=Smp_179200;geneID=Smp_179200
SM_V9_ZSR       Liftoff mRNA    25260590        25261472        .
        -       .
ID=Smp_179200.1;Parent=Smp_179200;geneID=Smp_179200;product=Soluble
guanylate cyclase 88E
SM_V9_ZSR       Liftoff exon    25260590        25261472        .
        -       .       Parent=Smp_179200.1
SM_V9_ZSR       Liftoff CDS     25260816        25261319        .
        -       0       Parent=Smp_179200.1
SM_V9_ZSR       Liftoff gene    25268078        25268612        .
        -       .       ID=Smp_322930;geneID=Smp_322930
SM_V9_ZSR       Liftoff mRNA    25268078        25268612        .
        -       .
ID=Smp_322930.1;Parent=Smp_322930;geneID=Smp_322930;product=NEDD4-
binding protein 1
SM_V9_ZSR       Liftoff exon    25268078        25268612        .
        -       .       Parent=Smp_322930.1
SM_V9_ZSR       Liftoff CDS     25268308        25268580        .
        -       0       Parent=Smp_322930.1
SM_V9_ZSR       Liftoff gene    25284803        25302722        .
        -       .       ID=Smp_154000;geneID=Smp_154000
SM_V9_ZSR       Liftoff mRNA    25284803        25302722        .
        -       .
ID=Smp_154000.1;Parent=Smp_154000;geneID=Smp_154000;product=Uncharac
terized protein ORF28
SM_V9_ZSR       Liftoff exon    25284803        25290818        .
        -       .       Parent=Smp_154000.1
SM_V9_ZSR       Liftoff exon    25292751        25292825        .
        -       .       Parent=Smp_154000.1
SM_V9_ZSR       Liftoff exon    25292856        25302722        .
        -       .       Parent=Smp_154000.1
SM_V9_ZSR       Liftoff CDS     25290516        25290818        .
        -       0       Parent=Smp_154000.1
SM_V9_ZSR       Liftoff CDS     25292751        25292825        .
        -       0       Parent=Smp_154000.1
SM_V9_ZSR       Liftoff CDS     25292856        25292993        .
        -       0       Parent=Smp_154000.1
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SM_V9_ZSR	Liftoff	gene	25325724	25356067	.
	+	.
ID=Smp_333030;geneID=Smp_333030;previous_systematic_id=Smp_059250,Sm
p_212530,Smp_242790
SM_V9_ZSR	Liftoff	mRNA	25325724	25356067	.
	+	.
ID=Smp_333030.1;Parent=Smp_333030;geneID=Smp_333030;product=Superkil
ler viralicidic activity 2-like
2;polypeptide_domain=InterPro:IPR001650,IPR011545,IPR012961,IPR01400
1,IPR016438,IPR025696,IPR027417
Pfam:PF00270,PF00271,PF08148,PF13234;Ontology_term=GO:0003676,GO:000
3723,GO:0003724,GO:0005524,GO:0006401
SM_V9_ZSR	Liftoff	exon	25325724	25327754	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25327793	25327898	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25327933	25328105	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25328143	25328340	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25333906	25334197	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25338650	25338758	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25339668	25339802	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25342627	25342817	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25346191	25346569	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25347547	25347728	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25347823	25348320	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25352106	25352201	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25353303	25353632	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25354472	25354814	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	exon	25355801	25356067	.
	+	.	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	CDS	25327684	25327754	.
	+	0	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	CDS	25327793	25327898	.
	+	1	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	CDS	25327933	25328105	.
	+	0	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	CDS	25328143	25328340	.
	+	1	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	CDS	25333906	25334197	.
	+	1	Parent=Smp_333030.1
SM_V9_ZSR	Liftoff	CDS	25338650	25338758	.
	+	0	Parent=Smp_333030.1
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SM_V9_ZSR       Liftoff CDS     25339668        25339802        .
        +       2       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25342627        25342817        .
        +       2       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25346191        25346569        .
        +       0       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25347547        25347728        .
        +       2       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25347823        25348320        .
        +       0       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25352106        25352201        .
        +       0       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25353303        25353632        .
        +       0       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25354472        25354814        .
        +       0       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff CDS     25355801        25355853        .
        +       2       Parent=Smp_333030.1
SM_V9_ZSR       Liftoff gene    25357525        25361577        .
        -       .       ID=Smp_059240;geneID=Smp_059240
SM_V9_ZSR       Liftoff mRNA    25357525        25359534        .
        -       .
ID=Smp_059240.1;Parent=Smp_059240;geneID=Smp_059240;product=Transmem
brane protein 186
SM_V9_ZSR       Liftoff exon    25357525        25357919        .
        -       .       Parent=Smp_059240.1
SM_V9_ZSR       Liftoff exon    25358530        25358712        .
        -       .       Parent=Smp_059240.1
SM_V9_ZSR       Liftoff exon    25359295        25359534        .
        -       .       Parent=Smp_059240.1
SM_V9_ZSR       Liftoff CDS     25357644        25357919        .
        -       0       Parent=Smp_059240.1
SM_V9_ZSR       Liftoff CDS     25358530        25358712        .
        -       0       Parent=Smp_059240.1
SM_V9_ZSR       Liftoff CDS     25359295        25359534        .
        -       0       Parent=Smp_059240.1
SM_V9_ZSR       iris    gene    25361278        25390470        .
        -       .
ID=Smp_157910;geneID=Smp_157910;gene_name=Smp_157910;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_ZSR       iris    mRNA    25361278        25390470        .
        -       .
ID=Smp_157910.1;Parent=Smp_157910;geneID=Smp_157910;gene_name=Smp_15
7910;owner=irisadmin@local.host;orig_id=Smp_157910.1;date_last_modif
ied=2022-08-03;Name=Smp_157910.1;product=Putative phosphotransferase
YtmP;date_creation=2022-08-03
SM_V9_ZSR       iris    exon    25361278        25362128        .
        -       .       Parent=Smp_157910.1;Name=c1cb6d91-4a23-43ae-
b30d-d5a36cb3fc9d
SM_V9_ZSR       iris    exon    25364391        25364704        .
        -       .       Parent=Smp_157910.1;Name=bdae3026-e3a2-49b3-
bafa-372c0718641f
SM_V9_ZSR       iris    exon    25369032        25369116        .
        -       .
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Parent=Smp_157910.1;Name=83aa51bb-17be-45d4-8142-4e6639902257
SM_V9_ZSR	iris	exon	25373885	25374097	.
	-	.	Parent=Smp_157910.1;Name=c3de0829-fa79-4303-
be07-64ec34e3aa6f
SM_V9_ZSR	iris	exon	25374986	25375175	.
	-	.	Parent=Smp_157910.1;Name=f73dbb44-d021-4c87-
a30a-11860c7782d2
SM_V9_ZSR	iris	exon	25381438	25381933	.
	-	.	Parent=Smp_157910.1;Name=21505608-052a-4996-
b94a-34842c54fafe
SM_V9_ZSR	iris	exon	25384290	25384500	.
	-	.	Parent=Smp_157910.1;Name=428665ee-
b8e8-4d9b-849b-ce0d63238a65
SM_V9_ZSR	iris	exon	25390296	25390470	.
	-	.
Parent=Smp_157910.1;Name=9dc6c07f-6898-4e75-8d60-7b6b7acbba75
SM_V9_ZSR	iris	CDS	25369066	25369116	.
	-	0	Parent=Smp_157910.1
SM_V9_ZSR	iris	CDS	25373885	25374097	.
	-	0	Parent=Smp_157910.1
SM_V9_ZSR	iris	CDS	25374986	25375175	.
	-	1	Parent=Smp_157910.1
SM_V9_ZSR	iris	CDS	25381438	25381933	.
	-	2	Parent=Smp_157910.1
SM_V9_ZSR	iris	CDS	25384290	25384500	.
	-	0	Parent=Smp_157910.1
SM_V9_ZSR	iris	gene	25401524	25416354	.
	+	.
ID=Smp_341060;geneID=Smp_341060;gene_name=Smp_341060;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	25401524	25416354	.
	+	.
ID=Smp_341060.1;Parent=Smp_341060;geneID=Smp_341060;gene_name=Smp_34
1060;owner=irisadmin@local.host;orig_id=Smp_341060.1;date_last_modif
ied=2022-07-20;Name=Smp_341060.1;product=Solute carrier family 35
member C2;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	25401524	25401597	.
	+	.
Parent=Smp_341060.1;Name=46742af2-538f-41ba-9d7d-698de6ea5208
SM_V9_ZSR	iris	exon	25401642	25401928	.
	+	.	Parent=Smp_341060.1;Name=6dfa7431-
d534-420a-8ea3-7dbd8d2da638
SM_V9_ZSR	iris	exon	25401965	25402125	.
	+	.	Parent=Smp_341060.1;Name=33991317-92e3-405e-
b4ce-9cf02b86f455
SM_V9_ZSR	iris	exon	25402163	25402216	.
	+	.	Parent=Smp_341060.1;Name=507f60db-65ca-429a-
b91d-741b092e92ec
SM_V9_ZSR	iris	exon	25402254	25402326	.
	+	.	Parent=Smp_341060.1;Name=322704fa-47c1-4fdc-
a26e-8fd97cb060c2
SM_V9_ZSR	iris	exon	25402358	25402526	.
	+	.	Parent=Smp_341060.1;Name=b0d784ab-89e2-4a1a-
bffe-e67872eefb76
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SM_V9_ZSR	iris	exon	25404764	25404847	.
	+	.	Parent=Smp_341060.1;Name=c07282a7-76fa-4bfc-
a022-dd9324e48a7d
SM_V9_ZSR	iris	exon	25407856	25408031	.
	+	.
Parent=Smp_341060.1;Name=26f899b0-081a-404a-8453-e182a0b6042e
SM_V9_ZSR	iris	exon	25409263	25409386	.
	+	.	Parent=Smp_341060.1;Name=93c68364-
d560-45bd-95b8-929cfe63421e
SM_V9_ZSR	iris	exon	25416180	25416354	.
	+	.	Parent=Smp_341060.1;Name=70d4f475-6021-4fa9-
a693-2deecbae4d1b
SM_V9_ZSR	iris	CDS	25401839	25401928	.
	+	0	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25401965	25402125	.
	+	0	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25402163	25402216	.
	+	1	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25402254	25402326	.
	+	1	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25402358	25402526	.
	+	0	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25404764	25404847	.
	+	2	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25407856	25408031	.
	+	2	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25409263	25409386	.
	+	0	Parent=Smp_341060.1
SM_V9_ZSR	iris	CDS	25416180	25416214	.
	+	2	Parent=Smp_341060.1
SM_V9_ZSR	iris	gene	25446293	25459965	.
	+	.
ID=Smp_079050;geneID=Smp_079050;gene_name=Smp_079050;owner=irisadmin
@local.host;date_last_modified=2022-08-03;date_creation=2022-08-03
SM_V9_ZSR	iris	mRNA	25446293	25459965	.
	+	.
ID=Smp_079050.1;Parent=Smp_079050;geneID=Smp_079050;gene_name=Smp_07
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ied=2022-08-03;Name=Smp_079050.1;product=DNA primase large
subunit;date_creation=2022-08-03
SM_V9_ZSR	iris	exon	25446293	25446656	.
	+	.	Parent=Smp_079050.1;Name=d6950dac-
e585-4201-8ae0-edcd6495b1f5
SM_V9_ZSR	iris	exon	25448476	25448812	.
	+	.	Parent=Smp_079050.1;Name=ebb751d7-
d5f8-41ea-9268-9d203fb2a59f
SM_V9_ZSR	iris	exon	25450445	25450693	.
	+	.
Parent=Smp_079050.1;Name=23fab96f-9cc6-41e7-8117-a7d08957a066
SM_V9_ZSR	iris	exon	25453479	25453880	.
	+	.	Parent=Smp_079050.1;Name=03beb1ce-10ef-4425-
a711-6df00246839d
SM_V9_ZSR	iris	exon	25456184	25456345	.
	+	.
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Parent=Smp_079050.1;Name=699df590-6aef-4023-9a63-744824155300
SM_V9_ZSR       iris    exon    25458945        25459965        .
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afe5-fabd63618752
SM_V9_ZSR       iris    CDS     25448504        25448812        .
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SM_V9_ZSR       iris    CDS     25450445        25450693        .
        +       0       Parent=Smp_079050.1
SM_V9_ZSR       iris    CDS     25453479        25453880        .
        +       0       Parent=Smp_079050.1
SM_V9_ZSR       iris    CDS     25456184        25456345        .
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SM_V9_ZSR       iris    CDS     25458945        25459370        .
        +       0       Parent=Smp_079050.1
SM_V9_ZSR       Liftoff gene    25475773        25484970        .
        -       .       ID=Smp_164740;geneID=Smp_164740
SM_V9_ZSR       Liftoff mRNA    25475773        25484970        .
        -       .
ID=Smp_164740.1;Parent=Smp_164740;geneID=Smp_164740;product=Transcri
ption factor Ovo-like 2;polypeptide_domain=InterPro:IPR013087
Pfam:PF00096;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    25475773        25476250        .
        -       .       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff exon    25477087        25477266        .
        -       .       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff exon    25480145        25480259        .
        -       .       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff exon    25481010        25484970        .
        -       .       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff CDS     25475871        25476250        .
        -       2       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff CDS     25477087        25477266        .
        -       2       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff CDS     25480145        25480259        .
        -       0       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff CDS     25481010        25482182        .
        -       0       Parent=Smp_164740.1
SM_V9_ZSR       Liftoff gene    25499298        25501799        .
        +       .       ID=Smp_164750;geneID=Smp_164750
SM_V9_ZSR       Liftoff mRNA    25499298        25501799        .
        +       .
ID=Smp_164750.1;Parent=Smp_164750;geneID=Smp_164750;product=Protein
FAM207A
SM_V9_ZSR       Liftoff exon    25499298        25499324        .
        +       .       Parent=Smp_164750.1
SM_V9_ZSR       Liftoff exon    25500441        25500530        .
        +       .       Parent=Smp_164750.1
SM_V9_ZSR       Liftoff exon    25501749        25501799        .
        +       .       Parent=Smp_164750.1
SM_V9_ZSR       Liftoff CDS     25499298        25499324        .
        +       0       Parent=Smp_164750.1
SM_V9_ZSR       Liftoff CDS     25500441        25500530        .
        +       0       Parent=Smp_164750.1
SM_V9_ZSR       Liftoff CDS     25501749        25501799        .
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        +       0       Parent=Smp_164750.1
SM_V9_ZSR       Liftoff gene    25510714        25538933        .
        +       .       ID=Smp_164760;geneID=Smp_164760
SM_V9_ZSR       Liftoff mRNA    25510714        25538933        .
        +       .
ID=Smp_164760.1;Parent=Smp_164760;geneID=Smp_164760;product=Fascicli
n-2;polypeptide_domain=InterPro:IPR003598,IPR003599,IPR003961,IPR007
110,IPR013783;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    25510714        25512707        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25515235        25515771        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25522581        25523476        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25524049        25524551        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25526714        25527053        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25528642        25528831        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25530241        25530477        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25534239        25534404        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff exon    25537864        25538933        .
        +       .       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25512381        25512707        .
        +       0       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25515235        25515771        .
        +       0       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25522581        25523476        .
        +       0       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25524049        25524551        .
        +       1       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25526714        25527053        .
        +       2       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25528642        25528831        .
        +       1       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25530241        25530477        .
        +       0       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25534239        25534404        .
        +       0       Parent=Smp_164760.1
SM_V9_ZSR       Liftoff CDS     25537864        25538243        .
        +       2       Parent=Smp_164760.1
SM_V9_ZSR       iris    gene    25546458        25567480        .
        -       .
ID=Smp_345560;geneID=Smp_345560;gene_name=Smp_345560;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    25546458        25567480        .
        -       .
ID=Smp_345560.1;Parent=Smp_345560;geneID=Smp_345560;gene_name=Smp_34
5560;owner=irisadmin@local.host;orig_id=Smp_345560.2;date_last_modif
ied=2022-07-20;Name=Smp_345560.1;product=Autophagy protein
5;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	25546458	25546764	.
	-	.	Parent=Smp_345560.1;Name=Smp_345560.1-CDS
SM_V9_ZSR	iris	exon	25547721	25547999	.
	-	.	Parent=Smp_345560.1;Name=54dda921-6504-4cb9-
ab9c-acb53e0386b4
SM_V9_ZSR	iris	exon	25553550	25553781	.
	-	.
Parent=Smp_345560.1;Name=05aaf6cb-9d41-4683-8527-bf72cd95a858
SM_V9_ZSR	iris	exon	25555363	25555441	.
	-	.
Parent=Smp_345560.1;Name=f4272909-69ad-42b2-9ab5-10fe41575aac
SM_V9_ZSR	iris	exon	25565826	25566058	.
	-	.	Parent=Smp_345560.1;Name=2cc7babc-89ea-46b6-
aaa8-d4d5e07dba31
SM_V9_ZSR	iris	exon	25567286	25567480	.
	-	.	Parent=Smp_345560.1;Name=7d98efef-073f-448d-
a35b-684ac219774b
SM_V9_ZSR	iris	CDS	25546613	25546764	.
	-	2	Parent=Smp_345560.1
SM_V9_ZSR	iris	CDS	25547721	25547999	.
	-	2	Parent=Smp_345560.1
SM_V9_ZSR	iris	CDS	25553550	25553781	.
	-	0	Parent=Smp_345560.1
SM_V9_ZSR	iris	CDS	25555363	25555441	.
	-	1	Parent=Smp_345560.1
SM_V9_ZSR	iris	CDS	25565826	25566058	.
	-	0	Parent=Smp_345560.1
SM_V9_ZSR	iris	CDS	25567286	25567396	.
	-	0	Parent=Smp_345560.1
SM_V9_ZSR	iris	gene	25569650	25587440	.
	-	.
ID=Smp_345565;geneID=Smp_345565;gene_name=Smp_345565;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	25569650	25587440	.
	-	.
ID=Smp_345565.1;Parent=Smp_345565;geneID=Smp_345565;gene_name=Smp_34
5565;owner=irisadmin@local.host;orig_id=Smp_345560.3;date_last_modif
ied=2022-07-20;Name=Smp_345565.1;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	25569650	25570288	.
	-	.	Parent=Smp_345565.1;Name=39efde87-c92d-407c-
aa00-822a86cc39b1
SM_V9_ZSR	iris	exon	25572859	25573009	.
	-	.	Parent=Smp_345565.1;Name=0b2c278e-
c524-4cd1-9151-cb5ec3d83121
SM_V9_ZSR	iris	exon	25576586	25576758	.
	-	.	Parent=Smp_345565.1;Name=e586ffde-441f-48e9-
a5c9-5fe384fa8f07
SM_V9_ZSR	iris	exon	25582026	25582422	.
	-	.
Parent=Smp_345565.1;Name=dd8106fc-726f-4c9d-9bd0-035dfb78af4f
SM_V9_ZSR	iris	exon	25587281	25587440	.
	-	.	Parent=Smp_345565.1;Name=7852724d-21e0-42f6-
b71e-b5e8c7272f7d
SM_V9_ZSR	iris	CDS	25569954	25570288	.
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        -       2       Parent=Smp_345565.1
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        -       0       Parent=Smp_345565.1
SM_V9_ZSR       iris    CDS     25576586        25576758        .
        -       2       Parent=Smp_345565.1
SM_V9_ZSR       iris    CDS     25582026        25582422        .
        -       0       Parent=Smp_345565.1
SM_V9_ZSR       iris    CDS     25587281        25587355        .
        -       0       Parent=Smp_345565.1
SM_V9_ZSR       Liftoff gene    25598304        25627208        .
        +       .
ID=Smp_333040;geneID=Smp_333040;previous_systematic_id=Smp_164780,Sm
p_164790
SM_V9_ZSR       Liftoff mRNA    25598304        25627208        .
        +       .
ID=Smp_333040.1;Parent=Smp_333040;geneID=Smp_333040;product=28S
ribosomal protein S9,
mitochondrial;polypeptide_domain=InterPro:IPR000754,IPR014721,IPR020
568 Pfam:PF00380;Ontology_term=GO:0003735,GO:0005840,GO:0006412
SM_V9_ZSR       Liftoff exon    25598304        25598511        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25598549        25598715        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25598751        25598781        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25598816        25598895        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25598929        25599020        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25611817        25611892        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25611937        25612062        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25612099        25612285        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25624386        25624605        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff exon    25625216        25627208        .
        +       .       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25598343        25598511        .
        +       0       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25598549        25598715        .
        +       2       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25598751        25598781        .
        +       0       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25598816        25598895        .
        +       2       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25598929        25599020        .
        +       0       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25611817        25611892        .
        +       1       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25611937        25612062        .
        +       0       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25612099        25612285        .
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        +       0       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25624386        25624605        .
        +       2       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff CDS     25625216        25625228        .
        +       1       Parent=Smp_333040.1
SM_V9_ZSR       Liftoff gene    25625128        25652810        .
        -       .
ID=Smp_345570;geneID=Smp_345570;previous_systematic_id=Smp_164800
SM_V9_ZSR       Liftoff mRNA    25625128        25652810        .
        -       .
ID=Smp_345570.1;Parent=Smp_345570;geneID=Smp_345570;product=COP9
signalosome complex subunit
3;polypeptide_domain=InterPro:IPR000717,IPR011991
Pfam:PF01399;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    25625128        25625332        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25627722        25627802        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25629357        25629470        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25630596        25630682        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25631166        25631237        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25633193        25633294        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25644143        25644199        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25645288        25645377        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25645414        25645518        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25645556        25645630        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25645662        25645804        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25645835        25645947        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25645980        25646109        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff exon    25646140        25652810        .
        -       .       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff CDS     25625285        25625332        .
        -       0       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff CDS     25627722        25627802        .
        -       0       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff CDS     25629357        25629470        .
        -       0       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff CDS     25630596        25630682        .
        -       0       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff CDS     25631166        25631237        .
        -       0       Parent=Smp_345570.1
SM_V9_ZSR       Liftoff CDS     25633193        25633294        .
        -       0       Parent=Smp_345570.1
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SM_V9_ZSR	Liftoff	CDS	25644143	25644199	.
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SM_V9_ZSR	Liftoff	CDS	25645288	25645377	.
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SM_V9_ZSR	Liftoff	CDS	25645414	25645518	.
	-	0	Parent=Smp_345570.1
SM_V9_ZSR	Liftoff	CDS	25645556	25645630	.
	-	0	Parent=Smp_345570.1
SM_V9_ZSR	Liftoff	CDS	25645662	25645804	.
	-	2	Parent=Smp_345570.1
SM_V9_ZSR	Liftoff	CDS	25645835	25645947	.
	-	1	Parent=Smp_345570.1
SM_V9_ZSR	Liftoff	CDS	25645980	25646109	.
	-	2	Parent=Smp_345570.1
SM_V9_ZSR	Liftoff	CDS	25646140	25646191	.
	-	0	Parent=Smp_345570.1
SM_V9_ZSR	iris	gene	25815062	25837253	.
	+	.
ID=Smp_304360;geneID=Smp_304360;gene_name=Smp_304360;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	25815062	25837253	.
	+	.
ID=Smp_304360.1;Parent=Smp_304360;geneID=Smp_304360;gene_name=Smp_30
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ied=2022-07-20;Name=Smp_304360.1;product=Protein
farnesyltransferase/geranylgeranyltransferase type-1 subunit
alpha;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	25815062	25815114	.
	+	.	Parent=Smp_304360.1;Name=3d9e06bc-
dda1-4fea-9f7a-0445515cbae3
SM_V9_ZSR	iris	exon	25821846	25822195	.
	+	.	Parent=Smp_304360.1;Name=739b8102-6c1e-41cb-
b7c1-a531bc09220e
SM_V9_ZSR	iris	exon	25830246	25830554	.
	+	.	Parent=Smp_304360.1;Name=5c505298-
f362-41d3-8f5a-516d7fa58f0c
SM_V9_ZSR	iris	exon	25831440	25831771	.
	+	.	Parent=Smp_304360.1;Name=7d6afb02-9dca-4e04-
bca4-98e52100567e
SM_V9_ZSR	iris	exon	25836929	25837253	.
	+	.	Parent=Smp_304360.1;Name=2b25eb79-58e7-41d9-
b39d-466a47f00ef4
SM_V9_ZSR	iris	CDS	25821863	25822195	.
	+	0	Parent=Smp_304360.1
SM_V9_ZSR	iris	CDS	25830246	25830554	.
	+	0	Parent=Smp_304360.1
SM_V9_ZSR	iris	CDS	25831440	25831771	.
	+	0	Parent=Smp_304360.1
SM_V9_ZSR	iris	CDS	25836929	25837133	.
	+	1	Parent=Smp_304360.1
SM_V9_ZSR	Liftoff	gene	25840676	25876908	.
	-	.	ID=Smp_172270;geneID=Smp_172270
SM_V9_ZSR	Liftoff	mRNA	25840676	25876908	.
	-	.
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ID=Smp_172270.1;Parent=Smp_172270;geneID=Smp_172270;product=CCR4-NOT
transcription complex subunit 6-
like;polypeptide_domain=InterPro:IPR003591,IPR005135,IPR032675
Pfam:PF03372
SM_V9_ZSR       Liftoff exon    25840676        25842227        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25844278        25844752        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25845180        25845325        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25846918        25847072        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25847503        25847660        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25852126        25852188        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25861823        25861933        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25864217        25864480        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff exon    25871238        25876908        .
        -       .       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25841822        25842227        .
        -       1       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25844278        25844752        .
        -       2       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25845180        25845325        .
        -       1       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25846918        25847072        .
        -       0       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25847503        25847660        .
        -       2       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25852126        25852188        .
        -       2       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25861823        25861933        .
        -       2       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25864217        25864480        .
        -       2       Parent=Smp_172270.1
SM_V9_ZSR       Liftoff CDS     25871238        25871370        .
        -       0       Parent=Smp_172270.1
SM_V9_ZSR       iris    gene    25895796        25920341        .
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ID=Smp_091790;geneID=Smp_091790;gene_name=Smp_091790;owner=irisadmin
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2;date_creation=2022-07-20
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        +       .       Parent=Smp_091790.1;Name=5327bea0-f875-4ab4-
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SM_V9_ZSR       iris    exon    25904051        25904308        .
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        +       .       Parent=Smp_091790.1;Name=7e3559f8-2696-4f84-
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SM_V9_ZSR       iris    exon    25917045        25917244        .
        +       .
Parent=Smp_091790.1;Name=d15d059c-97e6-4e60-9b81-f4fd91aa15a3
SM_V9_ZSR       iris    exon    25918185        25918282        .
        +       .       Parent=Smp_091790.1;Name=00ce00bc-650e-475c-
b209-0e6e4ad2894a
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        +       .
Parent=Smp_091790.1;Name=2bff39c3-7a5a-4a70-8fbd-b4988396abea
SM_V9_ZSR       iris    CDS     25904064        25904308        .
        +       0       Parent=Smp_091790.1
SM_V9_ZSR       iris    CDS     25917045        25917244        .
        +       1       Parent=Smp_091790.1
SM_V9_ZSR       iris    CDS     25918185        25918282        .
        +       2       Parent=Smp_091790.1
SM_V9_ZSR       iris    CDS     25920045        25920119        .
        +       0       Parent=Smp_091790.1
SM_V9_ZSR       iris    gene    25921175        25935468        .
        -       .
ID=Smp_341550;geneID=Smp_341550;gene_name=Smp_341550;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    25921175        25935468        .
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ID=Smp_341550.1;Parent=Smp_341550;geneID=Smp_341550;gene_name=Smp_34
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ied=2022-07-20;Name=Smp_341550.1;product=Guanine nucleotide exchange
factor MSS4;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    25921175        25921685        .
        -       .       Parent=Smp_341550.1;Name=0ed5d10c-e8f4-415e-
ae58-e6993b814368
SM_V9_ZSR       iris    exon    25931734        25931860        .
        -       .       Parent=Smp_341550.1;Name=e81291b9-f2fc-44c5-
b509-9becd91bc158
SM_V9_ZSR       iris    exon    25931898        25931951        .
        -       .
Parent=Smp_341550.1;Name=c284d4cc-232d-4232-8a11-dbe00f92ef38
SM_V9_ZSR       iris    exon    25935378        25935468        .
        -       .       Parent=Smp_341550.1;Name=5ecbb64b-80c1-4496-
bb15-3c0deaa71d4e
SM_V9_ZSR       iris    CDS     25921410        25921685        .
        -       0       Parent=Smp_341550.1
SM_V9_ZSR       iris    CDS     25931734        25931860        .
        -       1       Parent=Smp_341550.1
SM_V9_ZSR       iris    CDS     25931898        25931911        .
        -       0       Parent=Smp_341550.1
SM_V9_ZSR       iris    gene    25951573        25972185        .
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ID=Smp_189960;geneID=Smp_189960;gene_name=Smp_189960;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR       iris    mRNA    25951573        25963083        .
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ID=Smp_189960.1;Parent=Smp_189960;geneID=Smp_189960;gene_name=Smp_18
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9960;owner=irisadmin@local.host;orig_id=Smp_189960.1;date_last_modif
ied=2022-10-01;Name=Smp_189960.1;product=Nuclear pore complex
protein Nup153;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    25951573        25951648        .
        +       .
Parent=Smp_189960.1;Name=862af1a5-2f1e-47c5-8402-e8f90a064f49
SM_V9_ZSR       iris    exon    25951696        25951764        .
        +       .       Parent=Smp_189960.1;Name=087e9e78-bbce-492c-
b55d-b3bed8db4579
SM_V9_ZSR       iris    exon    25951798        25952331        .
        +       .       Parent=Smp_189960.1;Name=ec93329f-5cef-434b-
a353-0f96b4aef3a1
SM_V9_ZSR       iris    exon    25952966        25953139        .
        +       .       Parent=Smp_189960.1;Name=00f39b97-
dca0-4769-969a-07a90ec909cb
SM_V9_ZSR       iris    exon    25954108        25954558        .
        +       .       Parent=Smp_189960.1;Name=97a78821-21f3-400e-
b101-73485d4638ba
SM_V9_ZSR       iris    exon    25960692        25961739        .
        +       .
Parent=Smp_189960.1;Name=fc1714ab-2f5c-49f7-826c-d4cfa7e59205
SM_V9_ZSR       iris    exon    25962882        25963083        .
        +       .
Parent=Smp_189960.1;Name=a2bfd940-37d1-4592-9890-ad36979d37cf
SM_V9_ZSR       iris    CDS     25951625        25951648        .
        +       0       Parent=Smp_189960.1
SM_V9_ZSR       iris    CDS     25951696        25951764        .
        +       0       Parent=Smp_189960.1
SM_V9_ZSR       iris    CDS     25951798        25952331        .
        +       0       Parent=Smp_189960.1
SM_V9_ZSR       iris    CDS     25952966        25953139        .
        +       0       Parent=Smp_189960.1
SM_V9_ZSR       iris    CDS     25954108        25954558        .
        +       0       Parent=Smp_189960.1
SM_V9_ZSR       iris    CDS     25960692        25961739        .
        +       2       Parent=Smp_189960.1
SM_V9_ZSR       iris    CDS     25962882        25962939        .
        +       1       Parent=Smp_189960.1
SM_V9_ZSR       iris    mRNA    25951573        25972185        .
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ID=Smp_189960.2;Parent=Smp_189960;geneID=Smp_189960;gene_name=Smp_18
9960;owner=irisadmin@local.host;date_last_modified=2022-10-01;Name=S
mp_189960.2;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    25951573        25951648        .
        +       .       Parent=Smp_189960.2;Name=f066a9cc-646e-46d1-
b620-944b9a1dff09
SM_V9_ZSR       iris    exon    25951696        25951764        .
        +       .       Parent=Smp_189960.2;Name=4d1a982e-d238-4e2b-
b43a-518e814f3a08
SM_V9_ZSR       iris    exon    25951798        25952331        .
        +       .       Parent=Smp_189960.2;Name=bc134a8f-443d-4972-
a87a-4105bfe5968e
SM_V9_ZSR       iris    exon    25952966        25953139        .
        +       .
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Parent=Smp_189960.2;Name=265095ca-09bd-47ec-96f3-f22ea68d069b
SM_V9_ZSR       iris    exon    25954108        25954558        .
        +       .
Parent=Smp_189960.2;Name=054f581a-4e25-4ed6-825d-79388b891b1c
SM_V9_ZSR       iris    exon    25960692        25961739        .
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Parent=Smp_189960.2;Name=ce7230a0-3d36-43b3-8eff-075ecf786960
SM_V9_ZSR       iris    exon    25971702        25972185        .
        +       .       Parent=Smp_189960.2;Name=0da9436f-250c-489f-
b612-1b6cc6f5e000
SM_V9_ZSR       iris    CDS     25951625        25951648        .
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SM_V9_ZSR       iris    CDS     25951696        25951764        .
        +       0       Parent=Smp_189960.2
SM_V9_ZSR       iris    CDS     25951798        25952331        .
        +       0       Parent=Smp_189960.2
SM_V9_ZSR       iris    CDS     25952966        25953139        .
        +       0       Parent=Smp_189960.2
SM_V9_ZSR       iris    CDS     25954108        25954558        .
        +       0       Parent=Smp_189960.2
SM_V9_ZSR       iris    CDS     25960692        25961739        .
        +       2       Parent=Smp_189960.2
SM_V9_ZSR       iris    CDS     25971702        25971711        .
        +       1       Parent=Smp_189960.2
SM_V9_ZSR       iris    gene    26023910        26048386        .
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ID=Smp_091820;geneID=Smp_091820;gene_name=Smp_091820;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    26023910        26048386        .
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ID=Smp_091820.1;Parent=Smp_091820;geneID=Smp_091820;gene_name=Smp_09
1820;owner=irisadmin@local.host;orig_id=Smp_091820.1;date_last_modif
ied=2022-07-20;Name=Smp_091820.1;product=Bestrophin-3;date_creation=
2022-07-20
SM_V9_ZSR       iris    exon    26023910        26024188        .
        +       .       Parent=Smp_091820.1;Name=f1893d7a-
daf1-4cd7-8034-db33e41cb46c
SM_V9_ZSR       iris    exon    26024220        26024330        .
        +       .       Parent=Smp_091820.1;Name=3f65964a-3018-4015-
a7e4-7b4777da982f
SM_V9_ZSR       iris    exon    26024368        26024669        .
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Parent=Smp_091820.1;Name=3ff2f769-59be-4aea-9aeb-b52867040873
SM_V9_ZSR       iris    exon    26034102        26034256        .
        +       .       Parent=Smp_091820.1;Name=938bb5fa-302a-4bb7-
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SM_V9_ZSR       iris    exon    26035279        26035356        .
        +       .       Parent=Smp_091820.1;Name=a3d15d50-07d0-46e0-
bfd6-320e00856822
SM_V9_ZSR       iris    exon    26036975        26037133        .
        +       .       Parent=Smp_091820.1;Name=4c622695-1516-4688-
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SM_V9_ZSR       iris    exon    26037747        26037827        .
        +       .       Parent=Smp_091820.1;Name=e421eb5d-52f3-43d8-
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b165-9b048294e664
SM_V9_ZSR       iris    exon    26039131        26039282        .
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Parent=Smp_091820.1;Name=3764523f-877b-4423-8f9c-291e3c2f65cd
SM_V9_ZSR       iris    exon    26043974        26044040        .
        +       .       Parent=Smp_091820.1;Name=06a034e2-6a6d-4cf8-
bfcc-15c23db42c18
SM_V9_ZSR       iris    exon    26045111        26045321        .
        +       .       Parent=Smp_091820.1;Name=02e3a618-b2ff-46e8-
bb67-54e8305614c6
SM_V9_ZSR       iris    exon    26048005        26048386        .
        +       .       Parent=Smp_091820.1;Name=80b8c350-bab3-402d-
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SM_V9_ZSR       iris    CDS     26024121        26024188        .
        +       0       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26024220        26024330        .
        +       1       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26024368        26024669        .
        +       1       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26034102        26034256        .
        +       2       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26035279        26035356        .
        +       0       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26036975        26037133        .
        +       0       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26037747        26037827        .
        +       0       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26039131        26039282        .
        +       0       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26043974        26044040        .
        +       1       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26045111        26045321        .
        +       0       Parent=Smp_091820.1
SM_V9_ZSR       iris    CDS     26048005        26048048        .
        +       2       Parent=Smp_091820.1
SM_V9_ZSR       iris    gene    26079072        26092896        .
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ID=Smp_091840;geneID=Smp_091840;gene_name=Smp_091840;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    26079072        26092896        .
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ID=Smp_091840.1;Parent=Smp_091840;geneID=Smp_091840;gene_name=Smp_09
1840;owner=irisadmin@local.host;orig_id=Smp_091840.1;date_last_modif
ied=2022-07-20;Name=Smp_091840.1;product=Bestrophin-2;date_creation=
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SM_V9_ZSR       iris    exon    26079072        26079291        .
        +       .       Parent=Smp_091840.1;Name=074de056-5964-44fd-
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SM_V9_ZSR       iris    exon    26079328        26079629        .
        +       .       Parent=Smp_091840.1;Name=1fe5534f-910f-4196-
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SM_V9_ZSR       iris    exon    26081052        26081203        .
        +       .       Parent=Smp_091840.1;Name=7f7fb595-2d58-4381-
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SM_V9_ZSR	iris	exon	26084345	26084491	.
	+	.	Parent=Smp_091840.1;Name=3dccc4e3-fe72-47d5-
aa0a-f69644ec2349
SM_V9_ZSR	iris	exon	26088713	26088793	.
	+	.	Parent=Smp_091840.1;Name=ff00298e-826a-4140-
a130-f0e4700b6048
SM_V9_ZSR	iris	exon	26089367	26089518	.
	+	.	Parent=Smp_091840.1;Name=1194930d-
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SM_V9_ZSR	iris	exon	26091327	26091390	.
	+	.	Parent=Smp_091840.1;Name=256594b4-fdaf-495a-
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SM_V9_ZSR	iris	exon	26092421	26092896	.
	+	.	Parent=Smp_091840.1;Name=86e0f457-
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SM_V9_ZSR	iris	CDS	26079230	26079291	.
	+	0	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26079328	26079629	.
	+	1	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26081052	26081203	.
	+	2	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26082609	26082686	.
	+	0	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26084345	26084491	.
	+	0	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26088713	26088793	.
	+	0	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26089367	26089518	.
	+	0	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26091327	26091390	.
	+	1	Parent=Smp_091840.1
SM_V9_ZSR	iris	CDS	26092421	26092696	.
	+	0	Parent=Smp_091840.1
SM_V9_ZSR	iris	gene	26106736	26117828	.
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ID=Smp_091850;geneID=Smp_091850;gene_name=Smp_091850;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	26106736	26117828	.
	-	.
ID=Smp_091850.1;Parent=Smp_091850;geneID=Smp_091850;gene_name=Smp_09
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ied=2022-07-20;Name=Smp_091850.1;product=Glucosamine-6-phosphate
isomerase;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	26106736	26106918	.
	-	.
Parent=Smp_091850.1;Name=8d5c3d65-2a8f-45d1-91c6-e9d2f3130a12
SM_V9_ZSR	iris	exon	26106959	26107108	.
	-	.
Parent=Smp_091850.1;Name=b1a26759-3882-4c2f-8f93-35458693b8a1
SM_V9_ZSR	iris	exon	26114520	26114774	.
	-	.	Parent=Smp_091850.1;Name=3a80c202-32da-4344-
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aab1-c8a4369700ab
SM_V9_ZSR       iris    exon    26117530        26117828        .
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Parent=Smp_091850.1;Name=68a1c54b-8782-4296-97ab-edeea16a559e
SM_V9_ZSR       iris    CDS     26106841        26106918        .
        -       0       Parent=Smp_091850.1
SM_V9_ZSR       iris    CDS     26106959        26107108        .
        -       0       Parent=Smp_091850.1
SM_V9_ZSR       iris    CDS     26114520        26114774        .
        -       0       Parent=Smp_091850.1
SM_V9_ZSR       iris    CDS     26117530        26117814        .
        -       0       Parent=Smp_091850.1
SM_V9_ZSR       Liftoff gene    26134672        26138248        .
        +       .       ID=Smp_201210;geneID=Smp_201210
SM_V9_ZSR       Liftoff mRNA    26134672        26138248        .
        +       .
ID=Smp_201210.1;Parent=Smp_201210;geneID=Smp_201210;product=npp-31/3
2.1A;evidence=Traceable Author Statement;literature=PMID:27388856
SM_V9_ZSR       Liftoff exon    26134672        26138248        .
        +       .       Parent=Smp_201210.1
SM_V9_ZSR       Liftoff CDS     26137876        26138094        .
        +       0       Parent=Smp_201210.1
SM_V9_ZSR       iris    gene    26154965        26208728        .
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ID=Smp_305100;geneID=Smp_305100;gene_name=Smp_305100;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    26154965        26208728        .
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ID=Smp_305100.1;Parent=Smp_305100;geneID=Smp_305100;gene_name=Smp_30
5100;owner=irisadmin@local.host;orig_id=Smp_305100.2;date_last_modif
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containing protein At3g15590, mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    26154965        26155300        .
        +       .
Parent=Smp_305100.1;Name=878f19a5-1f84-4281-9ddb-d23f8327571f
SM_V9_ZSR       iris    exon    26162261        26162434        .
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SM_V9_ZSR       iris    exon    26167201        26167388        .
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Parent=Smp_305100.1;Name=3650ffb0-0939-4cb3-9008-b0918533a8aa
SM_V9_ZSR       iris    exon    26169434        26169562        .
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Parent=Smp_305100.1;Name=b7ef713f-3e74-4232-8e8d-111fff199622
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SM_V9_ZSR       iris    exon    26176787        26176905        .
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Parent=Smp_305100.1;Name=dfacde30-12e1-460a-88c2-d5ad6bbfd250
SM_V9_ZSR       iris    exon    26177535        26177666        .
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Parent=Smp_305100.1;Name=f4784e09-60c9-4471-84c5-817a3da88b42
SM_V9_ZSR       iris    exon    26178578        26178661        .
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SM_V9_ZSR       iris    exon    26179201        26179278        .
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Parent=Smp_305100.1;Name=6cffe60d-69fa-467d-895e-414b8dea4eaf
SM_V9_ZSR       iris    exon    26180279        26180402        .
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aa24-de28edfaf587
SM_V9_ZSR       iris    exon    26181290        26181436        .
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Parent=Smp_305100.1;Name=c796a3c7-0687-42cf-877c-0ea154fab130
SM_V9_ZSR       iris    exon    26182002        26182181        .
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SM_V9_ZSR       iris    exon    26183818        26183846        .
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SM_V9_ZSR       iris    exon    26185338        26185428        .
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SM_V9_ZSR       iris    exon    26188627        26189115        .
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SM_V9_ZSR       iris    exon    26191423        26191553        .
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Parent=Smp_305100.1;Name=f3118443-129d-478e-8ee9-e16dd8a84982
SM_V9_ZSR       iris    exon    26193757        26194035        .
        +       .       Parent=Smp_305100.1;Name=b6497275-9582-4ad4-
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SM_V9_ZSR       iris    exon    26195080        26195263        .
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SM_V9_ZSR       iris    exon    26196471        26197023        .
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SM_V9_ZSR       iris    exon    26197982        26198018        .
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SM_V9_ZSR       iris    exon    26206477        26206574        .
        +       .       Parent=Smp_305100.1;Name=30ac4244-aa8e-4e50-
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SM_V9_ZSR       iris    exon    26208123        26208728        .
        +       .       Parent=Smp_305100.1;Name=394e994b-a41c-459a-
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SM_V9_ZSR       iris    CDS     26155065        26155300        .
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        +       1       Parent=Smp_305100.1
SM_V9_ZSR       iris    CDS     26167201        26167388        .
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SM_V9_ZSR       iris    CDS     26169434        26169562        .
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SM_V9_ZSR       iris    CDS     26179201        26179278        .
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SM_V9_ZSR       iris    CDS     26180279        26180402        .
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SM_V9_ZSR       iris    CDS     26181290        26181436        .
        +       2       Parent=Smp_305100.1
SM_V9_ZSR       iris    CDS     26182002        26182181        .
        +       2       Parent=Smp_305100.1
SM_V9_ZSR       iris    CDS     26182238        26182380        .
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SM_V9_ZSR       iris    CDS     26183818        26183846        .
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SM_V9_ZSR       iris    CDS     26185338        26185428        .
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SM_V9_ZSR       iris    CDS     26186776        26186976        .
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SM_V9_ZSR       iris    CDS     26188627        26189115        .
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SM_V9_ZSR       iris    CDS     26195080        26195263        .
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SM_V9_ZSR       iris    CDS     26196471        26197023        .
        +       0       Parent=Smp_305100.1
SM_V9_ZSR       iris    CDS     26197982        26198018        .
        +       2       Parent=Smp_305100.1
SM_V9_ZSR       iris    CDS     26206477        26206574        .
        +       1       Parent=Smp_305100.1
SM_V9_ZSR       iris    CDS     26208123        26208247        .
        +       2       Parent=Smp_305100.1
SM_V9_ZSR       Liftoff gene    26216095        26218445        .
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ID=Smp_305110;geneID=Smp_305110;previous_systematic_id=Smp_091870,Sm
p_188150
SM_V9_ZSR       Liftoff mRNA    26216095        26218445        .
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SM_V9_ZSR       Liftoff exon    26217840        26218445        .
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SM_V9_ZSR       Liftoff CDS     26216153        26216291        .
        +       0       Parent=Smp_305110.1
SM_V9_ZSR       Liftoff CDS     26217840        26217964        .
        +       2       Parent=Smp_305110.1
SM_V9_ZSR       Liftoff gene    26239475        26260925        .
        +       .       ID=Smp_322940;geneID=Smp_322940
SM_V9_ZSR       Liftoff mRNA    26239475        26260925        .
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ID=Smp_322940.1;Parent=Smp_322940;geneID=Smp_322940;product=Myotubul
arin-related protein 12
SM_V9_ZSR       Liftoff exon    26239475        26239671        .
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SM_V9_ZSR       Liftoff exon    26250839        26251038        .
        +       .       Parent=Smp_322940.1
SM_V9_ZSR       Liftoff exon    26260098        26260925        .
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SM_V9_ZSR       Liftoff CDS     26239602        26239671        .
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SM_V9_ZSR       Liftoff CDS     26260098        26260133        .
        +       0       Parent=Smp_322940.1
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threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha
isoform;polypeptide_domain=InterPro:IPR000357,IPR011989,IPR016024,IP
R021133 Pfam:PF02985,PF13646;Ontology_term=GO:0005488,GO:0005515
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SM_V9_ZSR       Liftoff exon    26265402        26265569        .
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SM_V9_ZSR       Liftoff exon    26277044        26277361        .
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SM_V9_ZSR       Liftoff exon    26278292        26278564        .
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SM_V9_ZSR       Liftoff exon    26284829        26285053        .
        -       .       Parent=Smp_172280.1
SM_V9_ZSR       Liftoff exon    26285151        26285426        .
        -       .       Parent=Smp_172280.1
SM_V9_ZSR       Liftoff exon    26288028        26289661        .
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SM_V9_ZSR       Liftoff CDS     26264907        26265065        .
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SM_V9_ZSR       Liftoff CDS     26288028        26288393        .
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SM_V9_ZSR       Liftoff gene    26300877        26314151        .
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ID=Smp_346090;geneID=Smp_346090;previous_systematic_id=Smp_172300
SM_V9_ZSR       Liftoff mRNA    26300877        26314151        .
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ID=Smp_346090.1;Parent=Smp_346090;geneID=Smp_346090;product=39S
ribosomal protein L21,
mitochondrial;polypeptide_domain=InterPro:IPR028909
Pfam:PF00829;Ontology_term=GO:0005840
SM_V9_ZSR       Liftoff exon    26300877        26301193        .
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SM_V9_ZSR       Liftoff exon    26301229        26301549        .
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SM_V9_ZSR       Liftoff exon    26313856        26313917        .
        -       .       Parent=Smp_346090.1
SM_V9_ZSR       Liftoff exon    26313952        26314151        .
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SM_V9_ZSR       Liftoff CDS     26301126        26301193        .
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SM_V9_ZSR       Liftoff CDS     26301229        26301549        .
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SM_V9_ZSR       Liftoff CDS     26313856        26313917        .
        -       1       Parent=Smp_346090.1
SM_V9_ZSR       Liftoff CDS     26313952        26314115        .
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SM_V9_ZSR       Liftoff mRNA    26340608        26342290        .
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SM_V9_ZSR       Liftoff gene    26378996        26406099        .
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SM_V9_ZSR       Liftoff mRNA    26378996        26406099        .
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SM_V9_ZSR       Liftoff exon    26392159        26392220        .
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SM_V9_ZSR       Liftoff exon    26403910        26404047        .
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SM_V9_ZSR       Liftoff exon    26404977        26405053        .
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SM_V9_ZSR       Liftoff CDS     26379028        26379256        .
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SM_V9_ZSR       Liftoff CDS     26383402        26383490        .
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SM_V9_ZSR       Liftoff CDS     26383530        26383795        .
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SM_V9_ZSR       Liftoff CDS     26403910        26404047        .
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SM_V9_ZSR       iris    gene    26406992        26421505        .
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@local.host;date_last_modified=2022-09-05;date_creation=2022-09-05
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hydrolase 14;date_creation=2022-09-05
SM_V9_ZSR       iris    exon    26406992        26407489        .
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Parent=Smp_084740.1;Name=beb34348-7cae-49b1-995d-8cb2adfe9df2
SM_V9_ZSR       iris    exon    26408264        26408431        .
        -       .       Parent=Smp_084740.1;Name=b1149413-cc11-4694-
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SM_V9_ZSR       iris    exon    26409191        26409350        .
        -       .       Parent=Smp_084740.1;Name=2755c0e2-0780-4253-
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SM_V9_ZSR       iris    exon    26409818        26409999        .
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SM_V9_ZSR       iris    exon    26412730        26412886        .
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SM_V9_ZSR       iris    exon    26420791        26420993        .
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SM_V9_ZSR       iris    exon    26421028        26421206        .
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SM_V9_ZSR       iris    exon    26421256        26421340        .
        -       .       Parent=Smp_084740.1;Name=446f6dbc-99aa-40d6-
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SM_V9_ZSR       iris    exon    26421376        26421505        .
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SM_V9_ZSR       iris    CDS     26408264        26408431        .
        -       2       Parent=Smp_084740.1
SM_V9_ZSR       iris    CDS     26409191        26409350        .
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SM_V9_ZSR       iris    CDS     26409818        26409999        .
        -       2       Parent=Smp_084740.1
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SM_V9_ZSR       iris    CDS     26420791        26420993        .
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SM_V9_ZSR       iris    CDS     26421028        26421206        .
        -       2       Parent=Smp_084740.1
SM_V9_ZSR       iris    CDS     26421256        26421271        .
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SM_V9_ZSR       iris    gene    26424951        26439499        .
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5710;owner=irisadmin@local.host;orig_id=Smp_335710.1;date_last_modif
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alpha;date_creation=2022-09-05
SM_V9_ZSR       iris    exon    26424951        26425221        .
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SM_V9_ZSR       iris    exon    26425256        26425735        .
        +       .       Parent=Smp_335710.1;Name=2f821bdc-868d-4074-
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SM_V9_ZSR       iris    exon    26439052        26439499        .
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SM_V9_ZSR       iris    CDS     26425015        26425221        .
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SM_V9_ZSR       iris    CDS     26425256        26425735        .
        +       0       Parent=Smp_335710.1
SM_V9_ZSR       iris    CDS     26439052        26439447        .
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ID=Smp_241960.1;Parent=Smp_241960;geneID=Smp_241960;gene_name=Smp_24
1960;owner=irisadmin@local.host;orig_id=Smp_241960.2;date_last_modif
ied=2022-07-20;Name=Smp_241960.1;product=F-box/WD repeat-containing
protein 9;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    26484381        26484951        .
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SM_V9_ZSR       iris    exon    26493869        26494039        .
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bb9b-869056261c11
SM_V9_ZSR       iris    exon    26494818        26494934        .
        -       .       Parent=Smp_241960.1;Name=34237901-0963-45f1-
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        -       .       Parent=Smp_241960.1;Name=030f5eef-
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SM_V9_ZSR       iris    exon    26505807        26505926        .
        -       .       Parent=Smp_241960.1;Name=1df4a76c-5a3a-4de8-
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SM_V9_ZSR       iris    exon    26505964        26506103        .
        -       .
Parent=Smp_241960.1;Name=85eeeb12-06a9-4cc9-8007-bcec93edf785
SM_V9_ZSR       iris    exon    26506143        26506384        .
        -       .       Parent=Smp_241960.1;Name=d3d8ff04-9bdd-4275-
b158-1048c153536d
SM_V9_ZSR       iris    exon    26507210        26507387        .
        -       .       Parent=Smp_241960.1;Name=453f6541-9df6-4061-
b5d4-07eba15736f6
SM_V9_ZSR       iris    CDS     26484850        26484951        .
        -       0       Parent=Smp_241960.1
SM_V9_ZSR       iris    CDS     26493869        26494039        .
        -       0       Parent=Smp_241960.1
SM_V9_ZSR       iris    CDS     26494818        26494934        .
        -       0       Parent=Smp_241960.1
SM_V9_ZSR       iris    CDS     26502374        26502950        .
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SM_V9_ZSR       iris    CDS     26503417        26503532        .
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        -       0       Parent=Smp_241960.1
SM_V9_ZSR       iris    CDS     26505964        26506103        .
        -       2       Parent=Smp_241960.1
SM_V9_ZSR       iris    CDS     26506143        26506323        .
        -       0       Parent=Smp_241960.1
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        +       .
ID=Smp_201220;geneID=Smp_201220;gene_name=Smp_201220;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    26536265        26552075        .
        +       .
ID=Smp_201220.1;Parent=Smp_201220;geneID=Smp_201220;gene_name=Smp_20
1220;owner=irisadmin@local.host;orig_id=Smp_201220.1;date_last_modif
ied=2022-07-20;Name=Smp_201220.1;product=Casein kinase I isoform
alpha;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    26536265        26536520        .
        +       .       Parent=Smp_201220.1;Name=85deed5b-be4a-4590-
a3e7-56abd5ffa7a9
SM_V9_ZSR       iris    exon    26536555        26537034        .
        +       .
Parent=Smp_201220.1;Name=73e81cad-6d96-43e4-99df-80d025276028
SM_V9_ZSR       iris    exon    26550646        26552075        .
        +       .       Parent=Smp_201220.1;Name=44f85dae-d1d9-4c63-
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        +       0       Parent=Smp_201220.1
SM_V9_ZSR       iris    CDS     26536555        26537034        .
        +       0       Parent=Smp_201220.1
SM_V9_ZSR       iris    CDS     26550646        26551236        .
        +       0       Parent=Smp_201220.1
SM_V9_ZSR       iris    gene    26594530        26610266        .
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ID=Smp_305120;geneID=Smp_305120;gene_name=Smp_305120;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    26594530        26610266        .
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ID=Smp_305120.1;Parent=Smp_305120;geneID=Smp_305120;gene_name=Smp_30
5120;owner=irisadmin@local.host;orig_id=Smp_305120.1;date_last_modif
ied=2022-07-20;Name=Smp_305120.1;product=GTPase Era,
mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    26594530        26595131        .
        -       .       Parent=Smp_305120.1;Name=675d12ef-62ae-4345-
abb0-5ee087d1fbce
SM_V9_ZSR       iris    exon    26595796        26596041        .
        -       .       Parent=Smp_305120.1;Name=6ce1049f-a31f-4098-
b70a-ca904e2aac1c
SM_V9_ZSR       iris    exon    26596251        26596642        .
        -       .       Parent=Smp_305120.1;Name=76c56e0c-
a4e9-4afa-8bb0-1ea4e0adb2d2
SM_V9_ZSR       iris    exon    26601044        26601374        .
        -       .       Parent=Smp_305120.1;Name=6fb99deb-
ff4c-4766-813a-123bbf7bf03a
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SM_V9_ZSR       iris    exon    26601474        26601586        .
        -       .       Parent=Smp_305120.1;Name=55d2d270-d528-4105-
a45d-91824b3b33f4
SM_V9_ZSR       iris    exon    26605072        26605133        .
        -       .       Parent=Smp_305120.1;Name=fe8ad01e-
e23d-4d1b-9041-de80c286c622
SM_V9_ZSR       iris    exon    26605179        26605225        .
        -       .       Parent=Smp_305120.1;Name=4b29fbf5-8302-4353-
b372-b34b9f9b7e13
SM_V9_ZSR       iris    exon    26607008        26607216        .
        -       .
Parent=Smp_305120.1;Name=1604695c-9fcb-47e0-80f1-2229487ac265
SM_V9_ZSR       iris    exon    26610042        26610266        .
        -       .       Parent=Smp_305120.1;Name=a8349216-0f70-4b13-
a530-99db248cb5c6
SM_V9_ZSR       iris    CDS     26594931        26595131        .
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SM_V9_ZSR       iris    CDS     26595796        26596041        .
        -       0       Parent=Smp_305120.1
SM_V9_ZSR       iris    CDS     26596251        26596642        .
        -       2       Parent=Smp_305120.1
SM_V9_ZSR       iris    CDS     26601044        26601374        .
        -       0       Parent=Smp_305120.1
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SM_V9_ZSR       iris    CDS     26605072        26605133        .
        -       1       Parent=Smp_305120.1
SM_V9_ZSR       iris    CDS     26605179        26605225        .
        -       0       Parent=Smp_305120.1
SM_V9_ZSR       iris    CDS     26607008        26607216        .
        -       2       Parent=Smp_305120.1
SM_V9_ZSR       iris    CDS     26610042        26610195        .
        -       0       Parent=Smp_305120.1
SM_V9_ZSR       iris    gene    26680859        26684660        .
        -       .
ID=Smp_316550;geneID=Smp_316550;gene_name=Smp_316550;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    26680859        26684660        .
        -       .
ID=Smp_316550.1;Parent=Smp_316550;geneID=Smp_316550;gene_name=Smp_31
6550;owner=irisadmin@local.host;orig_id=Smp_316550.1;date_last_modif
ied=2022-08-20;Name=Smp_316550.1;product=Methionine--tRNA
ligase;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    26680859        26681943        .
        -       .       Parent=Smp_316550.1;Name=95d6fb43-e14e-4eef-
bdc5-7103542b3c12
SM_V9_ZSR       iris    exon    26684430        26684542        .
        -       .       Parent=Smp_316550.1;Name=ad3dceec-5721-4e83-
ad2a-2963267ca177
SM_V9_ZSR       iris    exon    26684576        26684660        .
        -       .
Parent=Smp_316550.1;Name=918dfa89-6f32-4f6c-99ac-90d7e44aec69
SM_V9_ZSR       iris    CDS     26681774        26681943        .
        -       2       Parent=Smp_316550.1
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SM_V9_ZSR	iris	CDS	26684430	26684542	.
	-	1	Parent=Smp_316550.1
SM_V9_ZSR	iris	CDS	26684576	26684646	.
	-	0	Parent=Smp_316550.1
SM_V9_ZSR	iris	gene	26686251	26690274	.
	+	.
ID=Smp_305130;geneID=Smp_305130;gene_name=Smp_305130;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	26686251	26690274	.
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ID=Smp_305130.1;Parent=Smp_305130;geneID=Smp_305130;gene_name=Smp_30
5130;owner=irisadmin@local.host;orig_id=Smp_305130.1;date_last_modif
ied=2022-08-20;Name=Smp_305130.1;product=GTPase Era,
mitochondrial;date_creation=2022-08-20
SM_V9_ZSR	iris	exon	26686251	26686442	.
	+	.	Parent=Smp_305130.1;Name=403b0950-75bf-4507-
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	+	.	Parent=Smp_305130.1;Name=1a6a62bb-
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SM_V9_ZSR	iris	CDS	26686289	26686442	.
	+	0	Parent=Smp_305130.1
SM_V9_ZSR	iris	CDS	26689270	26689508	.
	+	2	Parent=Smp_305130.1
SM_V9_ZSR	iris	gene	26692236	26750824	.
	+	.
ID=Smp_165850;geneID=Smp_165850;gene_name=Smp_165850;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	26692236	26750824	.
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ID=Smp_165850.1;Parent=Smp_165850;geneID=Smp_165850;gene_name=Smp_16
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ligase 5;date_creation=2022-08-20
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	+	.	Parent=Smp_165850.1;Name=f50cef03-f6ed-4892-
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SM_V9_ZSR	iris	exon	26693375	26693514	.
	+	.	Parent=Smp_165850.1;Name=a74e90d5-0e03-442d-
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SM_V9_ZSR	iris	exon	26694273	26694372	.
	+	.	Parent=Smp_165850.1;Name=9b7756ee-0870-43e0-
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SM_V9_ZSR	iris	exon	26696038	26696105	.
	+	.
Parent=Smp_165850.1;Name=45864a81-0e4c-4fae-83bd-faa2f6cc4596
SM_V9_ZSR	iris	exon	26698091	26698195	.
	+	.
Parent=Smp_165850.1;Name=80daf765-95a2-477b-99aa-b7d318d006b2
SM_V9_ZSR	iris	exon	26706747	26706846	.
	+	.	Parent=Smp_165850.1;Name=207ce984-cb8d-4b6f-
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SM_V9_ZSR	iris	exon	26710175	26710350	.
	+	.
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Parent=Smp_165850.1;Name=433b2753-19e4-4cb6-8771-db20d0673a6d
SM_V9_ZSR       iris    exon    26718062        26718094        .
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SM_V9_ZSR       iris    exon    26718997        26719048        .
        +       .       Parent=Smp_165850.1;Name=d6643b7b-4ab9-4674-
b2f0-85d6365cb80d
SM_V9_ZSR       iris    exon    26723474        26723553        .
        +       .       Parent=Smp_165850.1;Name=4a04540b-1630-45d7-
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SM_V9_ZSR       iris    exon    26724398        26724466        .
        +       .       Parent=Smp_165850.1;Name=e7367a47-1530-4ec1-
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SM_V9_ZSR       iris    exon    26727582        26727799        .
        +       .       Parent=Smp_165850.1;Name=edf4ddec-
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SM_V9_ZSR       iris    exon    26734649        26734799        .
        +       .       Parent=Smp_165850.1;Name=f072b1f9-
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SM_V9_ZSR       iris    exon    26737730        26737894        .
        +       .
Parent=Smp_165850.1;Name=b298c7a4-224a-45dd-8e77-c96952e6c8a4
SM_V9_ZSR       iris    exon    26738969        26739085        .
        +       .
Parent=Smp_165850.1;Name=29a3d445-22d6-4b49-88bd-f3fa6bbe0957
SM_V9_ZSR       iris    exon    26743185        26743580        .
        +       .       Parent=Smp_165850.1;Name=233334b4-a4dd-4744-
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SM_V9_ZSR       iris    exon    26749549        26750824        .
        +       .
Parent=Smp_165850.1;Name=213c458f-7ed1-4096-92c0-2aa10ac2b92f
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        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26694273        26694372        .
        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26696038        26696105        .
        +       2       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26698091        26698195        .
        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26706747        26706846        .
        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26710175        26710350        .
        +       2       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26718062        26718094        .
        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26718997        26719048        .
        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26723474        26723553        .
        +       2       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26724398        26724466        .
        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26727582        26727799        .
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SM_V9_ZSR       iris    CDS     26734649        26734799        .
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        +       0       Parent=Smp_165850.1
SM_V9_ZSR       iris    CDS     26749549        26749689        .
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SM_V9_ZSR       iris    gene    26755683        26774898        .
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ied=2022-08-20;Name=Smp_165840.1;product=Ribosome-releasing factor
2, mitochondrial;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    26755683        26756166        .
        -       .
Parent=Smp_165840.1;Name=b88aa0c1-650f-42c9-827e-9736a9f20e00
SM_V9_ZSR       iris    exon    26757568        26757934        .
        -       .       Parent=Smp_165840.1;Name=910909d5-cbb3-41d9-
b78d-eaecade721c9
SM_V9_ZSR       iris    exon    26759338        26759607        .
        -       .
Parent=Smp_165840.1;Name=0f7d2855-3d99-4e85-9b42-072a2e4798a1
SM_V9_ZSR       iris    exon    26761534        26761869        .
        -       .       Parent=Smp_165840.1;Name=d9b30884-ba73-4ff3-
b064-456747cd15ea
SM_V9_ZSR       iris    exon    26762996        26763373        .
        -       .       Parent=Smp_165840.1;Name=6e942875-09f5-47a2-
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SM_V9_ZSR       iris    exon    26763844        26764125        .
        -       .       Parent=Smp_165840.1;Name=7d7ff993-ce67-4c73-
b1c8-d866bbc69f76
SM_V9_ZSR       iris    exon    26771216        26771507        .
        -       .
Parent=Smp_165840.1;Name=50fc6e65-16de-4c5b-903b-424b25c1a37b
SM_V9_ZSR       iris    exon    26771986        26772241        .
        -       .       Parent=Smp_165840.1;Name=5a6e7691-
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SM_V9_ZSR       iris    exon    26774599        26774898        .
        -       .       Parent=Smp_165840.1;Name=a3ac072a-d5a2-4800-
a8e5-1100ed385913
SM_V9_ZSR       iris    CDS     26755853        26756166        .
        -       2       Parent=Smp_165840.1
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        -       0       Parent=Smp_165840.1
SM_V9_ZSR       iris    CDS     26759338        26759607        .
        -       0       Parent=Smp_165840.1
SM_V9_ZSR       iris    CDS     26761534        26761869        .
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SM_V9_ZSR	iris	CDS	26763844	26764125	.
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SM_V9_ZSR	iris	CDS	26771216	26771507	.
	-	1	Parent=Smp_165840.1
SM_V9_ZSR	iris	CDS	26771986	26772241	.
	-	2	Parent=Smp_165840.1
SM_V9_ZSR	iris	CDS	26774599	26774839	.
	-	0	Parent=Smp_165840.1
SM_V9_ZSR	iris	gene	26775469	26785446	.
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ID=Smp_165830.1;Parent=Smp_165830;geneID=Smp_165830;gene_name=Smp_16
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ied=2022-08-20;Name=Smp_165830.1;product=28S ribosomal protein S7,
mitochondrial;date_creation=2022-08-20
SM_V9_ZSR	iris	exon	26775469	26775852	.
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SM_V9_ZSR	iris	exon	26781746	26781868	.
	-	.	Parent=Smp_165830.1;Name=595657f9-170b-4795-
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SM_V9_ZSR	iris	exon	26781902	26782252	.
	-	.	Parent=Smp_165830.1;Name=320a2147-
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SM_V9_ZSR	iris	exon	26785318	26785446	.
	-	.
Parent=Smp_165830.1;Name=d6faaf83-4db0-4e69-90bd-04f332d91314
SM_V9_ZSR	iris	CDS	26775631	26775852	.
	-	0	Parent=Smp_165830.1
SM_V9_ZSR	iris	CDS	26781746	26781868	.
	-	0	Parent=Smp_165830.1
SM_V9_ZSR	iris	CDS	26781902	26782204	.
	-	0	Parent=Smp_165830.1
SM_V9_ZSR	Liftoff	gene	26791020	26883762	.
	+	.	ID=Smp_165820;geneID=Smp_165820
SM_V9_ZSR	Liftoff	mRNA	26791020	26883762	.
	+	.
ID=Smp_165820.1;Parent=Smp_165820;geneID=Smp_165820;product=Dynein
heavy chain 5,
axonemal;polypeptide_domain=InterPro:IPR003593,IPR004273,IPR011704,I
PR013594,IPR013602,IPR024317,IPR024743,IPR027417,IPR035699,IPR035706
Pfam:PF03028,PF07728,PF08385,PF08393,PF12774,PF12775,PF12777,PF12780
,PF12781;Ontology_term=GO:0003777,GO:0005524,GO:0007018,GO:0016887,G
O:0030286
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	+	.	Parent=Smp_165820.1
SM_V9_ZSR	Liftoff	exon	26791285	26791442	.
	+	.	Parent=Smp_165820.1
SM_V9_ZSR	Liftoff	exon	26795749	26795964	.
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SM_V9_ZSR       Liftoff exon    26798018        26798161        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26801933        26802046        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26803310        26803756        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26806313        26806541        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26808407        26808585        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26813238        26813444        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26814906        26815136        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26816487        26816772        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26819472        26819660        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26821346        26821539        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26821954        26822235        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26824968        26825108        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26828268        26828513        .
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SM_V9_ZSR       Liftoff exon    26830264        26830533        .
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SM_V9_ZSR       Liftoff exon    26831803        26832863        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26834714        26834921        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26836254        26836415        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26838224        26838448        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26840104        26840276        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26841003        26841369        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26843726        26843920        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26844550        26844736        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26845740        26845939        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26847934        26848282        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26849006        26849253        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26850613        26850969        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26851915        26852148        .
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        +       .       Parent=Smp_165820.1
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        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26856357        26856426        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26857082        26857335        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26859541        26860086        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26860633        26860867        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26861568        26862170        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26863468        26863679        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26865879        26866047        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26867714        26868025        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26869379        26869920        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26870278        26870468        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26871451        26871890        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26877581        26877889        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26879323        26879517        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26880093        26880355        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26881385        26881754        .
        +       .       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff exon    26883032        26883762        .
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SM_V9_ZSR       Liftoff CDS     26791211        26791250        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26791285        26791442        .
        +       2       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26795749        26795964        .
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SM_V9_ZSR       Liftoff CDS     26798018        26798161        .
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SM_V9_ZSR       Liftoff CDS     26801933        26802046        .
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SM_V9_ZSR       Liftoff CDS     26803310        26803756        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26806313        26806541        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26808407        26808585        .
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SM_V9_ZSR       Liftoff CDS     26813238        26813444        .
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SM_V9_ZSR       Liftoff CDS     26816487        26816772        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26819472        26819660        .
        +       2       Parent=Smp_165820.1
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        +       2       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26821954        26822235        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26824968        26825108        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26828268        26828513        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26830264        26830533        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26831803        26832863        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26834714        26834921        .
        +       1       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26836254        26836415        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26838224        26838448        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26840104        26840276        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26841003        26841369        .
        +       1       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26843726        26843920        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26844550        26844736        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26845740        26845939        .
        +       2       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26847934        26848282        .
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SM_V9_ZSR       Liftoff CDS     26849006        26849253        .
        +       2       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26850613        26850969        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26851915        26852148        .
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SM_V9_ZSR       Liftoff CDS     26854270        26854760        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26855198        26855323        .
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SM_V9_ZSR       Liftoff CDS     26856357        26856426        .
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SM_V9_ZSR       Liftoff CDS     26857082        26857335        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26859541        26860086        .
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SM_V9_ZSR       Liftoff CDS     26860633        26860867        .
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SM_V9_ZSR       Liftoff CDS     26867714        26868025        .
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SM_V9_ZSR       Liftoff CDS     26869379        26869920        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26870278        26870468        .
        +       1       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26871451        26871890        .
        +       2       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26877581        26877889        .
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SM_V9_ZSR       Liftoff CDS     26879323        26879517        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26880093        26880355        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26881385        26881754        .
        +       1       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff CDS     26883032        26883592        .
        +       0       Parent=Smp_165820.1
SM_V9_ZSR       Liftoff gene    26886869        26894077        .
        -       .       ID=Smp_080980;geneID=Smp_080980
SM_V9_ZSR       Liftoff mRNA    26886869        26894077        .
        -       .
ID=Smp_080980.1;Parent=Smp_080980;geneID=Smp_080980;product=Mitochon
drial import inner membrane translocase subunit
Tim23;polypeptide_domain=InterPro:IPR003397 Pfam:PF02466
SM_V9_ZSR       Liftoff exon    26886869        26887074        .
        -       .       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff exon    26891071        26891334        .
        -       .       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff exon    26891366        26891459        .
        -       .       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff exon    26891494        26891549        .
        -       .       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff exon    26891586        26894077        .
        -       .       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff CDS     26886953        26887074        .
        -       2       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff CDS     26891071        26891334        .
        -       2       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff CDS     26891366        26891459        .
        -       0       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff CDS     26891494        26891549        .
        -       2       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff CDS     26891586        26891607        .
        -       0       Parent=Smp_080980.1
SM_V9_ZSR       Liftoff gene    26911210        26959396        .
        +       .
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3;polypeptide_domain=InterPro:IPR003439,IPR003593,IPR017871,IPR02741
7 Pfam:PF00005,PF12698;Ontology_term=GO:0005524,GO:0016887
SM_V9_ZSR       Liftoff exon    26911210        26916318        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26916350        26916587        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26919027        26919200        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26919796        26919977        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26924877        26925215        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26926830        26926959        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26929218        26929372        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26930035        26930190        .
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SM_V9_ZSR       Liftoff exon    26932482        26932692        .
        +       .       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff exon    26933573        26933822        .
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SM_V9_ZSR       Liftoff exon    26936276        26936370        .
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SM_V9_ZSR       Liftoff exon    26938353        26938732        .
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SM_V9_ZSR       Liftoff exon    26940565        26940774        .
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SM_V9_ZSR       Liftoff exon    26942284        26942545        .
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SM_V9_ZSR       Liftoff exon    26945791        26946036        .
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SM_V9_ZSR       Liftoff exon    26948299        26948520        .
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SM_V9_ZSR       Liftoff exon    26952498        26952668        .
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SM_V9_ZSR       Liftoff exon    26953801        26953972        .
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SM_V9_ZSR       Liftoff exon    26955200        26955437        .
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SM_V9_ZSR       Liftoff exon    26957922        26958246        .
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SM_V9_ZSR       Liftoff CDS     26915551        26916318        .
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SM_V9_ZSR       Liftoff CDS     26916350        26916587        .
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SM_V9_ZSR       Liftoff CDS     26919796        26919977        .
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SM_V9_ZSR       Liftoff CDS     26924877        26925215        .
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SM_V9_ZSR       Liftoff CDS     26926830        26926959        .
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SM_V9_ZSR       Liftoff CDS     26930035        26930190        .
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SM_V9_ZSR       Liftoff CDS     26932482        26932692        .
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SM_V9_ZSR       Liftoff CDS     26933573        26933822        .
        +       2       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff CDS     26936276        26936370        .
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SM_V9_ZSR       Liftoff CDS     26938353        26938732        .
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SM_V9_ZSR       Liftoff CDS     26940565        26940774        .
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SM_V9_ZSR       Liftoff CDS     26945791        26946036        .
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SM_V9_ZSR       Liftoff CDS     26948299        26948520        .
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SM_V9_ZSR       Liftoff CDS     26952498        26952668        .
        +       2       Parent=Smp_244710.1
SM_V9_ZSR       Liftoff CDS     26953801        26953972        .
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SM_V9_ZSR       Liftoff CDS     26955200        26955437        .
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        +       .
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ID=Smp_347630.1;Parent=Smp_347630;geneID=Smp_347630;product=Ionotrop
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Pfam:PF00060,PF10613;Ontology_term=GO:0004970,GO:0005234,GO:0016020
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        +       .       Parent=Smp_347630.1
SM_V9_ZSR       Liftoff exon    26969585        26969749        .
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SM_V9_ZSR	Liftoff	exon	26973414	26973832	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26976056	26976241	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26977049	26977177	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26978655	26978750	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26983601	26983783	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26987130	26987290	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26988164	26988345	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26990448	26990623	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26992898	26993000	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26995612	26995888	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26997046	26997268	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	exon	26998631	26998971	.
	+	.	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26964370	26964448	.
	+	0	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26969585	26969749	.
	+	2	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26971106	26971423	.
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SM_V9_ZSR	Liftoff	CDS	26973414	26973832	.
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SM_V9_ZSR	Liftoff	CDS	26976056	26976241	.
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	+	0	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26978655	26978750	.
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SM_V9_ZSR	Liftoff	CDS	26983601	26983783	.
	+	0	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26987130	26987290	.
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SM_V9_ZSR	Liftoff	CDS	26988164	26988345	.
	+	1	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26990448	26990623	.
	+	2	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26992898	26993000	.
	+	0	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26995612	26995888	.
	+	2	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	CDS	26997046	26997268	.
	+	1	Parent=Smp_347630.1
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SM_V9_ZSR	Liftoff	CDS	26998631	26998816	.
	+	0	Parent=Smp_347630.1
SM_V9_ZSR	Liftoff	gene	27008475	27016426	.
	-	.	ID=Smp_165790;geneID=Smp_165790
SM_V9_ZSR	Liftoff	mRNA	27008475	27016426	.
	-	.
ID=Smp_165790.1;Parent=Smp_165790;geneID=Smp_165790;product=Protein
FAM183B;polypeptide_domain=InterPro:IPR029214 Pfam:PF14886
SM_V9_ZSR	Liftoff	exon	27008475	27008822	.
	-	.	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	exon	27010607	27010710	.
	-	.	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	exon	27012739	27012780	.
	-	.	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	exon	27012824	27016426	.
	-	.	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	CDS	27008709	27008822	.
	-	0	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	CDS	27010607	27010710	.
	-	2	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	CDS	27012739	27012780	.
	-	2	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	CDS	27012824	27012953	.
	-	0	Parent=Smp_165790.1
SM_V9_ZSR	Liftoff	mRNA	27008475	27016426	.
	-	.
ID=Smp_165790.2;Parent=Smp_165790;geneID=Smp_165790;product=Alanine-
-tRNA ligase
SM_V9_ZSR	Liftoff	exon	27008475	27016426	.
	-	.	Parent=Smp_165790.2
SM_V9_ZSR	Liftoff	CDS	27008709	27008822	.
	-	0	Parent=Smp_165790.2
SM_V9_ZSR	iris	gene	27028811	27032589	.
	+	.
ID=Smp_165780;geneID=Smp_165780;gene_name=Smp_165780;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	27028811	27032589	.
	+	.
ID=Smp_165780.1;Parent=Smp_165780;geneID=Smp_165780;gene_name=Smp_16
5780;owner=irisadmin@local.host;orig_id=Smp_165780.1;date_last_modif
ied=2022-07-20;Name=Smp_165780.1;product=Glycine cleavage system H
protein;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	27028811	27028882	.
	+	.
Parent=Smp_165780.1;Name=1ac31fe1-23f8-407a-9df6-31100fcea643
SM_V9_ZSR	iris	exon	27030298	27030471	.
	+	.
Parent=Smp_165780.1;Name=2cc43008-60a5-46ed-9d57-64ab554c2bb7
SM_V9_ZSR	iris	exon	27030502	27030645	.
	+	.	Parent=Smp_165780.1;Name=349c55c1-3f96-4a04-
ad78-3e58267b2273
SM_V9_ZSR	iris	exon	27030678	27030809	.
	+	.	Parent=Smp_165780.1;Name=372c9e51-
dec2-46b1-8db3-94997254f104
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SM_V9_ZSR       iris    exon    27032405        27032589        .
        +       .       Parent=Smp_165780.1;Name=6a615266-
d7fd-47ce-9296-647c99296c6c
SM_V9_ZSR       iris    CDS     27030381        27030471        .
        +       0       Parent=Smp_165780.1
SM_V9_ZSR       iris    CDS     27030502        27030645        .
        +       2       Parent=Smp_165780.1
SM_V9_ZSR       iris    CDS     27030678        27030809        .
        +       2       Parent=Smp_165780.1
SM_V9_ZSR       iris    CDS     27032405        27032499        .
        +       2       Parent=Smp_165780.1
SM_V9_ZSR       iris    gene    27055828        27072823        .
        +       .
ID=Smp_333050;geneID=Smp_333050;gene_name=Smp_333050;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    27055828        27072823        .
        +       .
ID=Smp_333050.1;Parent=Smp_333050;geneID=Smp_333050;gene_name=Smp_33
3050;owner=irisadmin@local.host;orig_id=Smp_333050.1;date_last_modif
ied=2022-07-20;Name=Smp_333050.1;product=Cytosolic Fe-S cluster
assembly factor nubp1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    27055828        27055950        .
        +       .       Parent=Smp_333050.1;Name=1664ec0d-aa4d-4f8b-
a135-421de62a4d1f
SM_V9_ZSR       iris    exon    27057804        27058185        .
        +       .       Parent=Smp_333050.1;Name=964e5242-2a7b-4e28-
a78a-d4fac0e0e6b4
SM_V9_ZSR       iris    exon    27059677        27060015        .
        +       .
Parent=Smp_333050.1;Name=93efc45a-6662-4cc9-9d8b-ef135b730719
SM_V9_ZSR       iris    exon    27067302        27067596        .
        +       .       Parent=Smp_333050.1;Name=23dd5bb5-970d-41bb-
afa0-85eaae764e02
SM_V9_ZSR       iris    exon    27072433        27072823        .
        +       .       Parent=Smp_333050.1;Name=88fd7aa7-fc8f-43a1-
b4a3-12e6a6caa9db
SM_V9_ZSR       iris    CDS     27057805        27058185        .
        +       0       Parent=Smp_333050.1
SM_V9_ZSR       iris    CDS     27059677        27060015        .
        +       0       Parent=Smp_333050.1
SM_V9_ZSR       iris    CDS     27067302        27067596        .
        +       0       Parent=Smp_333050.1
SM_V9_ZSR       iris    CDS     27072433        27072521        .
        +       2       Parent=Smp_333050.1
SM_V9_ZSR       Liftoff gene    27114791        27118706        .
        -       .       ID=Smp_080920;geneID=Smp_080920
SM_V9_ZSR       Liftoff mRNA    27114791        27118706        .
        -       .
ID=Smp_080920.1;Parent=Smp_080920;geneID=Smp_080920;product=Profilin
;polypeptide_domain=InterPro:IPR005455 Pfam:PF00235
SM_V9_ZSR       Liftoff exon    27114791        27115377        .
        -       .       Parent=Smp_080920.1
SM_V9_ZSR       Liftoff exon    27117025        27117187        .
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SM_V9_ZSR	Liftoff	exon	27118506	27118706	.
	-	.	Parent=Smp_080920.1
SM_V9_ZSR	Liftoff	CDS	27115274	27115377	.
	-	2	Parent=Smp_080920.1
SM_V9_ZSR	Liftoff	CDS	27117025	27117187	.
	-	0	Parent=Smp_080920.1
SM_V9_ZSR	Liftoff	CDS	27118506	27118625	.
	-	0	Parent=Smp_080920.1
SM_V9_ZSR	iris	gene	27136050	27162190	.
	-	.
ID=Smp_159120;geneID=Smp_159120;gene_name=Smp_159120;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	27136050	27162190	.
	-	.
ID=Smp_159120.1;Parent=Smp_159120;geneID=Smp_159120;gene_name=Smp_15
9120;owner=irisadmin@local.host;orig_id=Smp_159120.1;date_last_modif
ied=2022-10-01;Name=Smp_159120.1;product=Sentrin-specific protease
7;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	27136050	27136629	.
	-	.	Parent=Smp_159120.1;Name=56db3d2a-15ff-4058-
afc6-ccd9c791fad1
SM_V9_ZSR	iris	exon	27137155	27137314	.
	-	.	Parent=Smp_159120.1;Name=f765cc10-
f981-497c-8f68-d7b902487945
SM_V9_ZSR	iris	exon	27139732	27139800	.
	-	.	Parent=Smp_159120.1;Name=a79cae7f-827e-4623-
b70b-62c0f4937974
SM_V9_ZSR	iris	exon	27140228	27140295	.
	-	.	Parent=Smp_159120.1;Name=46d3bd81-54ed-43fd-
ad8b-89b7a9751e2f
SM_V9_ZSR	iris	exon	27145189	27145393	.
	-	.	Parent=Smp_159120.1;Name=7d7eb2dd-
e284-455f-8200-256a8c6bf05a
SM_V9_ZSR	iris	exon	27146733	27146825	.
	-	.	Parent=Smp_159120.1;Name=32b03d7c-2ca7-43f7-
b873-f4528c425220
SM_V9_ZSR	iris	exon	27150607	27150885	.
	-	.
Parent=Smp_159120.1;Name=bae48f29-8ba9-47e9-8ec6-482da665fd06
SM_V9_ZSR	iris	exon	27151723	27151862	.
	-	.
Parent=Smp_159120.1;Name=e3a4e3cd-84b7-40ae-907b-874fc4201d94
SM_V9_ZSR	iris	exon	27158938	27159383	.
	-	.	Parent=Smp_159120.1;Name=e613f443-e95b-401f-
aa5b-87c87b79aa5f
SM_V9_ZSR	iris	exon	27161556	27161699	.
	-	.	Parent=Smp_159120.1;Name=014a48c5-79df-4be7-
ae83-2f6066a75d62
SM_V9_ZSR	iris	exon	27161729	27162054	.
	-	.	Parent=Smp_159120.1;Name=5ed4ab1c-2e9f-4570-
a8ff-9e8022687133
SM_V9_ZSR	iris	exon	27162094	27162190	.
	-	.	Parent=Smp_159120.1;Name=622b47d9-5f37-48f4-
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SM_V9_ZSR	iris	CDS	27136480	27136629	.
	-	0	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27137155	27137314	.
	-	1	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27139732	27139800	.
	-	1	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27140228	27140295	.
	-	0	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27145189	27145393	.
	-	1	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27146733	27146825	.
	-	1	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27150607	27150885	.
	-	1	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27151723	27151862	.
	-	0	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27158938	27159383	.
	-	2	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27161556	27161699	.
	-	2	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27161729	27162054	.
	-	1	Parent=Smp_159120.1
SM_V9_ZSR	iris	CDS	27162094	27162137	.
	-	0	Parent=Smp_159120.1
SM_V9_ZSR	Liftoff	gene	27169338	27184051	.
	+	.	ID=Smp_159130;geneID=Smp_159130
SM_V9_ZSR	Liftoff	mRNA	27169338	27184051	.
	+	.
ID=Smp_159130.1;Parent=Smp_159130;geneID=Smp_159130;product=Sentrin-
specific protease 6;polypeptide_domain=InterPro:IPR003653
Pfam:PF02902;Ontology_term=GO:0006508,GO:0008234
SM_V9_ZSR	Liftoff	exon	27169338	27169578	.
	+	.	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	exon	27174472	27174539	.
	+	.	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	exon	27174967	27175035	.
	+	.	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	exon	27182783	27182942	.
	+	.	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	exon	27183468	27184051	.
	+	.	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	CDS	27169411	27169578	.
	+	0	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	CDS	27174472	27174539	.
	+	0	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	CDS	27174967	27175035	.
	+	1	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	CDS	27182783	27182942	.
	+	1	Parent=Smp_159130.1
SM_V9_ZSR	Liftoff	CDS	27183468	27183617	.
	+	0	Parent=Smp_159130.1
SM_V9_ZSR	iris	gene	27185990	27202884	.
	+	.
ID=Smp_159110;geneID=Smp_159110;gene_name=Smp_159110;owner=irisadmin
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
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ID=Smp_159110.1;Parent=Smp_159110;geneID=Smp_159110;gene_name=Smp_15
9110;owner=irisadmin@local.host;orig_id=Smp_159110.1;date_last_modif
ied=2022-10-01;Name=Smp_159110.1;product=Spindle assembly abnormal
protein 6 homolog;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    27185990        27186159        .
        +       .       Parent=Smp_159110.1;Name=06d61061-
ac6d-4757-9ab0-1dc848618f4d
SM_V9_ZSR       iris    exon    27186194        27186362        .
        +       .
Parent=Smp_159110.1;Name=8f2d54cc-510e-44bb-808c-ddae0df1eff8
SM_V9_ZSR       iris    exon    27186399        27186447        .
        +       .
Parent=Smp_159110.1;Name=9e0006ee-56aa-4941-804d-813734abc94d
SM_V9_ZSR       iris    exon    27186484        27186563        .
        +       .       Parent=Smp_159110.1;Name=936df467-7d6d-4c49-
b76e-b085a340e315
SM_V9_ZSR       iris    exon    27186605        27186709        .
        +       .       Parent=Smp_159110.1;Name=b477ca3e-2c9f-49b4-
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SM_V9_ZSR       iris    exon    27186742        27186907        .
        +       .       Parent=Smp_159110.1;Name=057171ab-0826-4709-
bf4c-4d18a191c543
SM_V9_ZSR       iris    exon    27186938        27187015        .
        +       .
Parent=Smp_159110.1;Name=902440a6-2ef9-411b-9343-a7b234cb3568
SM_V9_ZSR       iris    exon    27187049        27187168        .
        +       .       Parent=Smp_159110.1;Name=22074954-fbe9-4c6a-
af12-7c6cb25ebd83
SM_V9_ZSR       iris    exon    27187203        27187319        .
        +       .       Parent=Smp_159110.1;Name=4ee9c7ca-5d6e-4699-
a250-d3b5b745416d
SM_V9_ZSR       iris    exon    27189020        27189125        .
        +       .       Parent=Smp_159110.1;Name=837681cf-72eb-48b8-
b785-49e59bbc25ac
SM_V9_ZSR       iris    exon    27190219        27190382        .
        +       .       Parent=Smp_159110.1;Name=91098256-5e73-4042-
aae0-d7857633c1ee
SM_V9_ZSR       iris    exon    27191940        27192077        .
        +       .
Parent=Smp_159110.1;Name=bda82cf1-3be2-4599-9ac1-d324170e00e3
SM_V9_ZSR       iris    exon    27196031        27196238        .
        +       .       Parent=Smp_159110.1;Name=6fb1924e-0d00-4e0f-
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SM_V9_ZSR       iris    exon    27199130        27199509        .
        +       .
Parent=Smp_159110.1;Name=ac26a14c-9b2f-4eb8-95e7-5eb057d7f157
SM_V9_ZSR       iris    exon    27201343        27201448        .
        +       .       Parent=Smp_159110.1;Name=ee42253d-
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SM_V9_ZSR       iris    exon    27202467        27202884        .
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Parent=Smp_159110.1;Name=ea9fd861-3ba8-481c-85ef-08ca3277162b
SM_V9_ZSR       iris    CDS     27186316        27186362        .
        +       0       Parent=Smp_159110.1
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SM_V9_ZSR       iris    CDS     27186484        27186563        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27186605        27186709        .
        +       1       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27186742        27186907        .
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SM_V9_ZSR       iris    CDS     27186938        27187015        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27187049        27187168        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27187203        27187319        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27189020        27189125        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27190219        27190382        .
        +       2       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27191940        27192077        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27196031        27196238        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27199130        27199509        .
        +       2       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27201343        27201448        .
        +       0       Parent=Smp_159110.1
SM_V9_ZSR       iris    CDS     27202467        27202669        .
        +       2       Parent=Smp_159110.1
SM_V9_ZSR       Liftoff gene    27225730        27226177        .
        +       .       ID=Smp_322950;geneID=Smp_322950
SM_V9_ZSR       Liftoff mRNA    27225730        27226177        .
        +       .
ID=Smp_322950.1;Parent=Smp_322950;geneID=Smp_322950;product=Dynein 8
kDa light chain, flagellar outer
arm;polypeptide_domain=InterPro:IPR001372,IPR019763
Pfam:PF01221;Ontology_term=GO:0005875,GO:0007017,GO:0030286
SM_V9_ZSR       Liftoff exon    27225730        27225952        .
        +       .       Parent=Smp_322950.1
SM_V9_ZSR       Liftoff exon    27225986        27226177        .
        +       .       Parent=Smp_322950.1
SM_V9_ZSR       Liftoff CDS     27225812        27225952        .
        +       0       Parent=Smp_322950.1
SM_V9_ZSR       Liftoff CDS     27225986        27226120        .
        +       0       Parent=Smp_322950.1
SM_V9_ZSR       iris    gene    27253838        27275247        .
        +       .
ID=Smp_093740;geneID=Smp_093740;gene_name=Smp_093740;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    27253838        27275247        .
        +       .
ID=Smp_093740.1;Parent=Smp_093740;geneID=Smp_093740;gene_name=Smp_09
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3740;owner=irisadmin@local.host;orig_id=Smp_093740.2;date_last_modif
ied=2022-10-01;Name=Smp_093740.1;product=Hepatocyte growth factor-
regulated tyrosine kinase substrate;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    27253838        27253955        .
        +       .
Parent=Smp_093740.1;Name=a51e88f4-65fe-4378-8838-5fc61eab73a2
SM_V9_ZSR       iris    exon    27253999        27254083        .
        +       .       Parent=Smp_093740.1;Name=d025295a-
fe3f-4bbc-8d05-f71553b45afd
SM_V9_ZSR       iris    exon    27254123        27254198        .
        +       .       Parent=Smp_093740.1;Name=0a84f15d-
bfad-49a9-8964-b8ed174a4d8c
SM_V9_ZSR       iris    exon    27254230        27254322        .
        +       .       Parent=Smp_093740.1;Name=8daead0c-e406-443b-
a5fa-682d54de290b
SM_V9_ZSR       iris    exon    27254356        27254595        .
        +       .       Parent=Smp_093740.1;Name=96ad3404-
a337-4980-98fe-cb0b204e66e2
SM_V9_ZSR       iris    exon    27258997        27259121        .
        +       .       Parent=Smp_093740.1;Name=4524a5c5-19ff-4a37-
ac24-d08eee6fe146
SM_V9_ZSR       iris    exon    27260320        27260380        .
        +       .       Parent=Smp_093740.1;Name=9589ac2e-73da-4fb3-
a79f-6c69ba86ea60
SM_V9_ZSR       iris    exon    27264334        27264435        .
        +       .
Parent=Smp_093740.1;Name=4de47709-05ab-4157-9eed-1c3b60b3552b
SM_V9_ZSR       iris    exon    27265428        27265766        .
        +       .       Parent=Smp_093740.1;Name=9f293b08-
c3f4-4b7f-910e-e738496311db
SM_V9_ZSR       iris    exon    27270083        27270332        .
        +       .
Parent=Smp_093740.1;Name=58d91a2f-64b2-433a-82ba-f895969fc219
SM_V9_ZSR       iris    exon    27271675        27271847        .
        +       .       Parent=Smp_093740.1;Name=ad622b46-d6ff-4370-
ab16-53013d5cf384
SM_V9_ZSR       iris    exon    27273402        27273831        .
        +       .       Parent=Smp_093740.1;Name=b64fe920-13dc-469c-
a2c1-43717c518ec6
SM_V9_ZSR       iris    exon    27274574        27275247        .
        +       .       Parent=Smp_093740.1;Name=a3811627-58d9-4fd8-
a513-6f5bf5faf575
SM_V9_ZSR       iris    CDS     27253916        27253955        .
        +       0       Parent=Smp_093740.1
SM_V9_ZSR       iris    CDS     27253999        27254083        .
        +       2       Parent=Smp_093740.1
SM_V9_ZSR       iris    CDS     27254123        27254198        .
        +       1       Parent=Smp_093740.1
SM_V9_ZSR       iris    CDS     27254230        27254322        .
        +       0       Parent=Smp_093740.1
SM_V9_ZSR       iris    CDS     27254356        27254595        .
        +       0       Parent=Smp_093740.1
SM_V9_ZSR       iris    CDS     27258997        27259121        .
        +       0       Parent=Smp_093740.1
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SM_V9_ZSR	iris	CDS	27260320	27260380	.
	+	1	Parent=Smp_093740.1
SM_V9_ZSR	iris	CDS	27264334	27264435	.
	+	0	Parent=Smp_093740.1
SM_V9_ZSR	iris	CDS	27265428	27265766	.
	+	0	Parent=Smp_093740.1
SM_V9_ZSR	iris	CDS	27270083	27270332	.
	+	0	Parent=Smp_093740.1
SM_V9_ZSR	iris	CDS	27271675	27271847	.
	+	2	Parent=Smp_093740.1
SM_V9_ZSR	iris	CDS	27273402	27273831	.
	+	0	Parent=Smp_093740.1
SM_V9_ZSR	iris	CDS	27274574	27274776	.
	+	2	Parent=Smp_093740.1
SM_V9_ZSR	iris	gene	27282895	27292631	.
	-	.
ID=Smp_093750;geneID=Smp_093750;gene_name=Smp_093750;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR	iris	mRNA	27282895	27292631	.
	-	.
ID=Smp_093750.1;Parent=Smp_093750;geneID=Smp_093750;gene_name=Smp_09
3750;owner=irisadmin@local.host;orig_id=Smp_093750.1;date_last_modif
ied=2022-10-01;Name=Smp_093750.1;product=Eukaryotic translation
initiation factor 2 subunit 1;date_creation=2022-10-01
SM_V9_ZSR	iris	exon	27282895	27283109	.
	-	.
Parent=Smp_093750.1;Name=f282cd91-639e-4d7a-954d-2b6706aabffb
SM_V9_ZSR	iris	exon	27283376	27283519	.
	-	.
Parent=Smp_093750.1;Name=abbfec39-8601-48f4-8619-6a282d8fb648
SM_V9_ZSR	iris	exon	27285212	27285416	.
	-	.
Parent=Smp_093750.1;Name=e4a4dc80-57a8-4bec-93d7-67d06da7ebdc
SM_V9_ZSR	iris	exon	27291948	27292096	.
	-	.
Parent=Smp_093750.1;Name=b3600183-321d-4d60-84cc-00d82c7c7972
SM_V9_ZSR	iris	exon	27292133	27292212	.
	-	.
Parent=Smp_093750.1;Name=f2656260-262c-4b7c-92d7-15631bcaa314
SM_V9_ZSR	iris	exon	27292245	27292515	.
	-	.	Parent=Smp_093750.1;Name=af0356a1-b781-4974-
abf6-193deb17c841
SM_V9_ZSR	iris	exon	27292550	27292631	.
	-	.	Parent=Smp_093750.1;Name=f52e6c08-09c0-4d49-
a9cd-5b7628256829
SM_V9_ZSR	iris	CDS	27282939	27283109	.
	-	0	Parent=Smp_093750.1
SM_V9_ZSR	iris	CDS	27283376	27283519	.
	-	0	Parent=Smp_093750.1
SM_V9_ZSR	iris	CDS	27285212	27285416	.
	-	1	Parent=Smp_093750.1
SM_V9_ZSR	iris	CDS	27291948	27292096	.
	-	0	Parent=Smp_093750.1
SM_V9_ZSR	iris	CDS	27292133	27292212	.
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        -       2       Parent=Smp_093750.1
SM_V9_ZSR       iris    CDS     27292245        27292482        .
        -       0       Parent=Smp_093750.1
SM_V9_ZSR       Liftoff gene    27296389        27302543        .
        +       .       ID=Smp_335080;geneID=Smp_335080
SM_V9_ZSR       Liftoff mRNA    27296389        27302543        .
        +       .
ID=Smp_335080.1;Parent=Smp_335080;geneID=Smp_335080;product=Spindle
assembly abnormal protein 6 homolog
SM_V9_ZSR       Liftoff exon    27296389        27296419        .
        +       .       Parent=Smp_335080.1
SM_V9_ZSR       Liftoff exon    27299003        27299210        .
        +       .       Parent=Smp_335080.1
SM_V9_ZSR       Liftoff exon    27302102        27302543        .
        +       .       Parent=Smp_335080.1
SM_V9_ZSR       Liftoff CDS     27296417        27296419        .
        +       0       Parent=Smp_335080.1
SM_V9_ZSR       Liftoff CDS     27299003        27299210        .
        +       0       Parent=Smp_335080.1
SM_V9_ZSR       Liftoff CDS     27302102        27302496        .
        +       2       Parent=Smp_335080.1
SM_V9_ZSR       Liftoff gene    27296399        27297834        .
        -       .
ID=Smp_334400;geneID=Smp_334400;previous_systematic_id=Smp_093760
SM_V9_ZSR       Liftoff mRNA    27296399        27297834        .
        -       .
ID=Smp_334400.1;Parent=Smp_334400;geneID=Smp_334400;product=Chaperon
e protein HscA
SM_V9_ZSR       Liftoff exon    27296399        27297834        .
        -       .       Parent=Smp_334400.1
SM_V9_ZSR       Liftoff CDS     27296507        27296659        .
        -       0       Parent=Smp_334400.1
SM_V9_ZSR       Liftoff gene    27311879        27334230        .
        +       .       ID=Smp_191160;geneID=Smp_191160
SM_V9_ZSR       Liftoff mRNA    27311879        27334230        .
        +       .
ID=Smp_191160.1;Parent=Smp_191160;geneID=Smp_191160;product=H/ACA
ribonucleoprotein complex non-core subunit
NAF1;polypeptide_domain=InterPro:IPR007504,IPR009000
Pfam:PF04410;Ontology_term=GO:0001522,GO:0042254
SM_V9_ZSR       Liftoff exon    27311879        27311931        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff exon    27322414        27322554        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff exon    27322593        27322652        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff exon    27322698        27322755        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff exon    27323108        27323190        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff exon    27327422        27327862        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff exon    27328720        27328798        .
        +       .       Parent=Smp_191160.1
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SM_V9_ZSR       Liftoff exon    27332996        27333337        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff exon    27333963        27334230        .
        +       .       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27311914        27311931        .
        +       0       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27322414        27322554        .
        +       0       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27322593        27322652        .
        +       0       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27322698        27322755        .
        +       0       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27323108        27323190        .
        +       2       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27327422        27327862        .
        +       0       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27328720        27328798        .
        +       0       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27332996        27333337        .
        +       2       Parent=Smp_191160.1
SM_V9_ZSR       Liftoff CDS     27333963        27334021        .
        +       2       Parent=Smp_191160.1
SM_V9_ZSR       iris    gene    27334497        27347805        .
        -       .
ID=Smp_068300;geneID=Smp_068300;gene_name=Smp_068300;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    27334497        27347805        .
        -       .
ID=Smp_068300.1;Parent=Smp_068300;geneID=Smp_068300;gene_name=Smp_06
8300;owner=irisadmin@local.host;orig_id=Smp_068300.1;date_last_modif
ied=2022-07-20;Name=Smp_068300.1;product=E3 ubiquitin-protein ligase
rififylin;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    27334497        27334899        .
        -       .       Parent=Smp_068300.1;Name=af33b9c8-1cbc-4b66-
aa50-12b24c22a4b8
SM_V9_ZSR       iris    exon    27335592        27335784        .
        -       .
Parent=Smp_068300.1;Name=30d7be34-4bd5-4a2a-8296-9b760451dc88
SM_V9_ZSR       iris    exon    27337408        27337619        .
        -       .       Parent=Smp_068300.1;Name=61978ba2-0853-43ec-
b2f1-141aefd5584e
SM_V9_ZSR       iris    exon    27343948        27344137        .
        -       .
Parent=Smp_068300.1;Name=fc2d7fd6-6b0f-467a-976c-938bb26e6c9c
SM_V9_ZSR       iris    exon    27347763        27347805        .
        -       .       Parent=Smp_068300.1;Name=7a41e0da-bdf2-4dd6-
ac56-4d6f42698e4b
SM_V9_ZSR       iris    CDS     27334646        27334899        .
        -       2       Parent=Smp_068300.1
SM_V9_ZSR       iris    CDS     27335592        27335784        .
        -       0       Parent=Smp_068300.1
SM_V9_ZSR       iris    CDS     27337408        27337619        .
        -       2       Parent=Smp_068300.1
SM_V9_ZSR       iris    CDS     27343948        27344062        .
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        -       0       Parent=Smp_068300.1
SM_V9_ZSR       Liftoff gene    27358190        27383797        .
        -       .       ID=Smp_068280;geneID=Smp_068280
SM_V9_ZSR       Liftoff mRNA    27358190        27383797        .
        -       .
ID=Smp_068280.1;Parent=Smp_068280;geneID=Smp_068280;product=Prolyl
4-hydroxylase subunit
alpha-2;polypeptide_domain=InterPro:IPR005123,IPR006620,IPR011990,IP
R013547
Pfam:PF08336,PF13640;Ontology_term=GO:0004656,GO:0005506,GO:0005515,
GO:0005783,GO:0016491,GO:0016702,GO:0016705,GO:0031418,GO:0055114
SM_V9_ZSR       Liftoff exon    27358190        27358650        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27361336        27361398        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27363131        27363284        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27365342        27365412        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27367538        27367773        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27368706        27368801        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27374579        27374630        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27379290        27379516        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff exon    27383153        27383797        .
        -       .       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27358393        27358650        .
        -       0       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27361336        27361398        .
        -       0       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27363131        27363284        .
        -       1       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27365342        27365412        .
        -       0       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27367538        27367773        .
        -       2       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27368706        27368801        .
        -       2       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27374579        27374630        .
        -       0       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27379290        27379516        .
        -       2       Parent=Smp_068280.1
SM_V9_ZSR       Liftoff CDS     27383153        27383750        .
        -       0       Parent=Smp_068280.1
SM_V9_ZSR       iris    gene    27396623        27408485        .
        -       .
ID=Smp_068270;geneID=Smp_068270;gene_name=Smp_068270;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    27396623        27408485        .
        -       .
ID=Smp_068270.1;Parent=Smp_068270;geneID=Smp_068270;gene_name=Smp_06
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8270;owner=irisadmin@local.host;orig_id=Smp_068270.1;date_last_modif
ied=2022-07-20;Name=Smp_068270.1;product=heat shock transcription
factor;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    27396623        27396968        .
        -       .
Parent=Smp_068270.1;Name=4533412c-3fa0-4049-96ab-f19694b3ef73
SM_V9_ZSR       iris    exon    27397388        27397737        .
        -       .       Parent=Smp_068270.1;Name=0b1f1836-75ce-44cd-
b8fa-41c2cb00b452
SM_V9_ZSR       iris    exon    27398355        27398411        .
        -       .       Parent=Smp_068270.1;Name=7bf540af-
bf12-4244-8145-b0be3caee33d
SM_V9_ZSR       iris    exon    27398451        27398608        .
        -       .       Parent=Smp_068270.1;Name=70001d19-5dd7-447f-
a4f6-c2b0559507e9
SM_V9_ZSR       iris    exon    27398899        27399197        .
        -       .
Parent=Smp_068270.1;Name=49f9af5b-9263-4476-8a19-012c13cadfd3
SM_V9_ZSR       iris    exon    27405167        27405507        .
        -       .       Parent=Smp_068270.1;Name=c83f6e76-12fb-4721-
b809-4843b4945af6
SM_V9_ZSR       iris    exon    27407557        27407701        .
        -       .       Parent=Smp_068270.1;Name=1470467d-8902-409c-
abfa-9f468099cb9c
SM_V9_ZSR       iris    exon    27407736        27408154        .
        -       .
Parent=Smp_068270.1;Name=3ee6512a-60fd-4894-878b-80f09621146c
SM_V9_ZSR       iris    exon    27408188        27408296        .
        -       .       Parent=Smp_068270.1;Name=87de8ef2-
ad41-4784-988a-b62c14992851
SM_V9_ZSR       iris    exon    27408330        27408485        .
        -       .       Parent=Smp_068270.1;Name=b124f70d-3677-4db2-
a96d-a59fd6c896ed
SM_V9_ZSR       iris    CDS     27397400        27397737        .
        -       2       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27398355        27398411        .
        -       2       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27398451        27398608        .
        -       1       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27398899        27399197        .
        -       0       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27405167        27405507        .
        -       2       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27407557        27407701        .
        -       0       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27407736        27408154        .
        -       2       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27408188        27408296        .
        -       0       Parent=Smp_068270.1
SM_V9_ZSR       iris    CDS     27408330        27408440        .
        -       0       Parent=Smp_068270.1
SM_V9_ZSR       iris    gene    27432211        27451752        .
        +       .
ID=Smp_068250;geneID=Smp_068250;gene_name=Smp_068250;owner=irisadmin
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    27432211        27451752        .
        +       .
ID=Smp_068250.1;Parent=Smp_068250;geneID=Smp_068250;gene_name=Smp_06
8250;owner=irisadmin@local.host;orig_id=Smp_068250.1;date_last_modif
ied=2022-07-20;Name=Smp_068250.1;product=Protoporphyrinogen
oxidase;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    27432211        27432281        .
        +       .       Parent=Smp_068250.1;Name=2bc4aabd-
b66b-4780-9b72-ed9c82387e3f
SM_V9_ZSR       iris    exon    27443720        27443880        .
        +       .       Parent=Smp_068250.1;Name=928028c9-4ed2-4363-
b3ba-00b4f16ab324
SM_V9_ZSR       iris    exon    27447581        27448274        .
        +       .       Parent=Smp_068250.1;Name=6c2727b1-8db2-4bd1-
a10a-5f32aa369ca3
SM_V9_ZSR       iris    exon    27448934        27451752        .
        +       .       Parent=Smp_068250.1;Name=7d00e8ff-3d51-46e8-
b9bd-fe5a7dddf21f
SM_V9_ZSR       iris    CDS     27447714        27448274        .
        +       0       Parent=Smp_068250.1
SM_V9_ZSR       iris    CDS     27448934        27449905        .
        +       0       Parent=Smp_068250.1
SM_V9_ZSR       Liftoff gene    27455134        27465884        .
        -       .       ID=Smp_068240;geneID=Smp_068240
SM_V9_ZSR       Liftoff mRNA    27455134        27465884        .
        -       .
ID=Smp_068240.1;Parent=Smp_068240;geneID=Smp_068240;product=Zinc
finger protein SNAI1;polypeptide_domain=InterPro:IPR013083,IPR013087
Pfam:PF00096,PF12874;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    27455134        27456820        .
        -       .       Parent=Smp_068240.1
SM_V9_ZSR       Liftoff exon    27465625        27465884        .
        -       .       Parent=Smp_068240.1
SM_V9_ZSR       Liftoff CDS     27455247        27456820        .
        -       2       Parent=Smp_068240.1
SM_V9_ZSR       Liftoff CDS     27465625        27465676        .
        -       0       Parent=Smp_068240.1
SM_V9_ZSR       iris    gene    27520238        27548020        .
        -       .
ID=Smp_159100;geneID=Smp_159100;gene_name=Smp_159100;owner=irisadmin
@local.host;date_last_modified=2022-08-20;date_creation=2022-08-20
SM_V9_ZSR       iris    mRNA    27520238        27548020        .
        -       .
ID=Smp_159100.1;Parent=Smp_159100;geneID=Smp_159100;gene_name=Smp_15
9100;owner=irisadmin@local.host;orig_id=Smp_159100.1;date_last_modif
ied=2022-08-20;Name=Smp_159100.1;product=Lethal(3)malignant brain
tumor-like protein 4;date_creation=2022-08-20
SM_V9_ZSR       iris    exon    27520238        27521870        .
        -       .       Parent=Smp_159100.1;Name=a2caeb6e-3877-4515-
bcd9-25d95f8d6c5c
SM_V9_ZSR       iris    exon    27527732        27529004        .
        -       .       Parent=Smp_159100.1;Name=18556848-9606-4be6-
bcd1-291c44bbf1a0
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SM_V9_ZSR       iris    exon    27533119        27533851        .
        -       .
Parent=Smp_159100.1;Name=0ecb1b48-7a1c-4fd3-9a74-98e0e336ada6
SM_V9_ZSR       iris    exon    27535051        27535297        .
        -       .       Parent=Smp_159100.1;Name=c846fb8e-6d54-4b75-
bf4b-e5f4c58cd4ae
SM_V9_ZSR       iris    exon    27537118        27537206        .
        -       .       Parent=Smp_159100.1;Name=85e03741-5536-401d-
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SM_V9_ZSR       iris    exon    27539446        27539683        .
        -       .       Parent=Smp_159100.1;Name=e931e831-36f5-4268-
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SM_V9_ZSR       iris    exon    27541351        27541716        .
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SM_V9_ZSR       iris    exon    27542698        27542792        .
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SM_V9_ZSR       iris    exon    27547910        27548020        .
        -       .       Parent=Smp_159100.1;Name=07f27bdf-a063-44f9-
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SM_V9_ZSR       iris    CDS     27521574        27521870        .
        -       0       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27527732        27529004        .
        -       1       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27533119        27533851        .
        -       2       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27535051        27535297        .
        -       0       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27537118        27537206        .
        -       2       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27539446        27539683        .
        -       0       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27541351        27541716        .
        -       0       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27542698        27542792        .
        -       2       Parent=Smp_159100.1
SM_V9_ZSR       iris    CDS     27547311        27547512        .
        -       0       Parent=Smp_159100.1
SM_V9_ZSR       iris    non_canonical_five_prime_splice_site
27547908        27547908        .       -       .
ID=Smp_159100.1-
non_canonical_five_prime_splice_site-27547907;Name=Smp_159100.1-
non_canonical_five_prime_splice_site-27547907
SM_V9_ZSR       Liftoff gene    27567689        27580403        .
        +       .       ID=Smp_068220;geneID=Smp_068220
SM_V9_ZSR       Liftoff mRNA    27567689        27580403        .
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ID=Smp_068220.1;Parent=Smp_068220;geneID=Smp_068220;product=Protein
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Pfam:PF00010;Ontology_term=GO:0046983
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SM_V9_ZSR	Liftoff	exon	27567689	27568142	.
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SM_V9_ZSR	Liftoff	exon	27573874	27574096	.
	+	.	Parent=Smp_068220.1
SM_V9_ZSR	Liftoff	exon	27574922	27575122	.
	+	.	Parent=Smp_068220.1
SM_V9_ZSR	Liftoff	exon	27579185	27580403	.
	+	.	Parent=Smp_068220.1
SM_V9_ZSR	Liftoff	CDS	27567871	27568142	.
	+	0	Parent=Smp_068220.1
SM_V9_ZSR	Liftoff	CDS	27573874	27574096	.
	+	1	Parent=Smp_068220.1
SM_V9_ZSR	Liftoff	CDS	27574922	27575122	.
	+	0	Parent=Smp_068220.1
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	+	0	Parent=Smp_068220.1
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ID=Smp_322970;geneID=Smp_322970;gene_name=Smp_322970;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	27582869	27588493	.
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ID=Smp_322970.1;Parent=Smp_322970;geneID=Smp_322970;gene_name=Smp_32
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12;date_creation=2022-07-20
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Parent=Smp_322970.1;Name=9cf0e8d1-7c2a-4dc8-8658-2f2b33990015
SM_V9_ZSR	iris	exon	27584770	27584990	.
	+	.	Parent=Smp_322970.1;Name=92efa9d6-d9d5-4ebe-
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SM_V9_ZSR	iris	exon	27585662	27586016	.
	+	.
Parent=Smp_322970.1;Name=6f643ba7-3233-4285-81c7-b1a630376b31
SM_V9_ZSR	iris	exon	27586924	27588493	.
	+	.	Parent=Smp_322970.1;Name=956ecb2c-a8ef-4041-
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SM_V9_ZSR	iris	CDS	27582922	27583605	.
	+	0	Parent=Smp_322970.1
SM_V9_ZSR	iris	CDS	27584770	27584990	.
	+	0	Parent=Smp_322970.1
SM_V9_ZSR	iris	CDS	27585662	27586016	.
	+	1	Parent=Smp_322970.1
SM_V9_ZSR	iris	CDS	27586924	27587391	.
	+	0	Parent=Smp_322970.1
SM_V9_ZSR	iris	gene	27588041	27637145	.
	-	.
ID=Smp_159090;geneID=Smp_159090;gene_name=Smp_159090;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	27588041	27637145	.
	-	.
ID=Smp_159090.1;Parent=Smp_159090;geneID=Smp_159090;gene_name=Smp_15
9090;owner=irisadmin@local.host;orig_id=Smp_159090.1;date_last_modif
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ied=2022-07-20;Name=Smp_159090.1;product=Uncharacterized protein
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SM_V9_ZSR       iris    exon    27588041        27588395        .
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Parent=Smp_159090.1;Name=43487cd1-8b95-4483-8bac-ec92fda727c9
SM_V9_ZSR       iris    exon    27589946        27590045        .
        -       .       Parent=Smp_159090.1;Name=52554ff4-181f-4436-
a3fe-7564dc663759
SM_V9_ZSR       iris    exon    27593296        27593592        .
        -       .       Parent=Smp_159090.1;Name=428be7f7-6f06-451a-
b5e3-2b05a7d34321
SM_V9_ZSR       iris    exon    27595519        27595587        .
        -       .
Parent=Smp_159090.1;Name=f896a0b7-9d4b-4d68-8eb6-977f291e0ef5
SM_V9_ZSR       iris    exon    27597764        27597937        .
        -       .
Parent=Smp_159090.1;Name=6e7da0f7-7742-4260-8d39-e3efca355cbf
SM_V9_ZSR       iris    exon    27600587        27600655        .
        -       .       Parent=Smp_159090.1;Name=cb9b8891-a23b-4877-
b36c-c1d50901a7ef
SM_V9_ZSR       iris    exon    27601553        27601756        .
        -       .       Parent=Smp_159090.1;Name=79d9777a-e56d-4ec4-
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SM_V9_ZSR       iris    exon    27602595        27602648        .
        -       .       Parent=Smp_159090.1;Name=c15730eb-cb07-430e-
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SM_V9_ZSR       iris    exon    27603743        27603887        .
        -       .       Parent=Smp_159090.1;Name=1760b68b-8ce1-45c4-
bc67-9dc5df1c2433
SM_V9_ZSR       iris    exon    27605735        27605816        .
        -       .
Parent=Smp_159090.1;Name=f4954b18-806d-421b-89f6-9f29edb43e7e
SM_V9_ZSR       iris    exon    27607218        27607323        .
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a390-3a9322f25a33
SM_V9_ZSR       iris    exon    27615933        27616076        .
        -       .
Parent=Smp_159090.1;Name=ac7b1013-9371-4c68-8a92-948b7adb7d93
SM_V9_ZSR       iris    exon    27618984        27619065        .
        -       .       Parent=Smp_159090.1;Name=3a482bcc-
b5fc-49c3-810e-fb6cf53c012e
SM_V9_ZSR       iris    exon    27622785        27622823        .
        -       .       Parent=Smp_159090.1;Name=634bba24-7590-438b-
ace6-100e37b44c13
SM_V9_ZSR       iris    exon    27624778        27624872        .
        -       .       Parent=Smp_159090.1;Name=5ab81b41-83c8-480b-
a6df-681a87e28c1f
SM_V9_ZSR       iris    exon    27630835        27630912        .
        -       .       Parent=Smp_159090.1;Name=8f3fb6ce-c651-4dc1-
b4e7-ae5d677477c6
SM_V9_ZSR       iris    exon    27636898        27637145        .
        -       .       Parent=Smp_159090.1;Name=5e2e6079-d53b-4ff5-
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SM_V9_ZSR       iris    CDS     27588277        27588395        .
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        -       2       Parent=Smp_159090.1
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        -       0       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27595519        27595587        .
        -       0       Parent=Smp_159090.1
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        -       0       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27601553        27601756        .
        -       0       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27602595        27602648        .
        -       0       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27603743        27603887        .
        -       1       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27605735        27605816        .
        -       2       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27607218        27607323        .
        -       0       Parent=Smp_159090.1
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SM_V9_ZSR       iris    CDS     27618984        27619065        .
        -       1       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27622785        27622823        .
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SM_V9_ZSR       iris    CDS     27624778        27624872        .
        -       0       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27630835        27630912        .
        -       0       Parent=Smp_159090.1
SM_V9_ZSR       iris    CDS     27636898        27637008        .
        -       0       Parent=Smp_159090.1
SM_V9_ZSR       Liftoff gene    27662481        27665033        .
        +       .       ID=Smp_204160;geneID=Smp_204160
SM_V9_ZSR       Liftoff mRNA    27662481        27665033        .
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e--ammonia ligase;polypeptide_domain=InterPro:IPR004618,IPR006195
Pfam:PF03590;Ontology_term=GO:0004071,GO:0005737,GO:0006529
SM_V9_ZSR       Liftoff exon    27662481        27665033        .
        +       .       Parent=Smp_204160.1
SM_V9_ZSR       Liftoff CDS     27663329        27664315        .
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SM_V9_ZSR       Liftoff mRNA    27682712        27690415        .
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ID=Smp_101970.1;Parent=Smp_101970;geneID=Smp_101970;product=Cornifel
in;polypeptide_domain=InterPro:IPR006461 Pfam:PF04749
SM_V9_ZSR       Liftoff exon    27682712        27683075        .
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SM_V9_ZSR       Liftoff exon    27690222        27690415        .
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SM_V9_ZSR       Liftoff CDS     27682962        27683075        .
        -       0       Parent=Smp_101970.1
SM_V9_ZSR       Liftoff CDS     27689178        27689317        .
        -       2       Parent=Smp_101970.1
SM_V9_ZSR       Liftoff CDS     27690222        27690312        .
        -       0       Parent=Smp_101970.1
SM_V9_ZSR       Liftoff gene    27707745        27732740        .
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ID=Smp_178780;geneID=Smp_178780;previous_systematic_id=Smp_165270
SM_V9_ZSR       Liftoff mRNA    27707745        27732740        .
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ID=Smp_178780.1;Parent=Smp_178780;geneID=Smp_178780;product=Single-
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5,IPR013767
Pfam:PF00010,PF00989,PF08447;Ontology_term=GO:0005515,GO:0006355,GO:
0046983
SM_V9_ZSR       Liftoff exon    27707745        27709478        .
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SM_V9_ZSR       Liftoff exon    27711155        27711302        .
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        -       .       Parent=Smp_178780.1
SM_V9_ZSR       Liftoff exon    27716709        27716905        .
        -       .       Parent=Smp_178780.1
SM_V9_ZSR       Liftoff exon    27717693        27717778        .
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SM_V9_ZSR       Liftoff exon    27721052        27721166        .
        -       .       Parent=Smp_178780.1
SM_V9_ZSR       Liftoff exon    27722139        27722228        .
        -       .       Parent=Smp_178780.1
SM_V9_ZSR       Liftoff exon    27722833        27722912        .
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SM_V9_ZSR       Liftoff exon    27727699        27732740        .
        -       .       Parent=Smp_178780.1
SM_V9_ZSR       Liftoff CDS     27708374        27709478        .
        -       1       Parent=Smp_178780.1
SM_V9_ZSR       Liftoff CDS     27711155        27711302        .
        -       2       Parent=Smp_178780.1
SM_V9_ZSR       Liftoff CDS     27711683        27711789        .
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SM_V9_ZSR       Liftoff CDS     27717693        27717778        .
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SM_V9_ZSR       Liftoff CDS     27721052        27721166        .
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SM_V9_ZSR       Liftoff CDS     27722139        27722228        .
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SM_V9_ZSR       Liftoff CDS     27722833        27722912        .
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SM_V9_ZSR       Liftoff CDS     27727699        27728626        .
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SM_V9_ZSR       Liftoff mRNA    27769725        27805760        .
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ID=Smp_165260.1;Parent=Smp_165260;geneID=Smp_165260;product=NEDD4-
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4928
Pfam:PF00168,PF00397,PF00632;Ontology_term=GO:0004842,GO:0005515,GO:
0006511,GO:0061630
SM_V9_ZSR       Liftoff exon    27769725        27770259        .
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SM_V9_ZSR       Liftoff exon    27770841        27770937        .
        -       .       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff exon    27772302        27772406        .
        -       .       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff exon    27776098        27776218        .
        -       .       Parent=Smp_165260.1
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        -       .       Parent=Smp_165260.1
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        -       .       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff exon    27782847        27783063        .
        -       .       Parent=Smp_165260.1
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        -       .       Parent=Smp_165260.1
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        -       .       Parent=Smp_165260.1
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        -       .       Parent=Smp_165260.1
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        -       .       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff exon    27804773        27805760        .
        -       .       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff CDS     27770087        27770259        .
        -       2       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff CDS     27770841        27770937        .
        -       0       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff CDS     27772302        27772406        .
        -       0       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff CDS     27776098        27776218        .
        -       1       Parent=Smp_165260.1
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SM_V9_ZSR       Liftoff CDS     27778571        27778704        .
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SM_V9_ZSR       Liftoff CDS     27782847        27783063        .
        -       2       Parent=Smp_165260.1
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SM_V9_ZSR       Liftoff CDS     27801486        27801556        .
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SM_V9_ZSR       Liftoff CDS     27804316        27804431        .
        -       2       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff CDS     27804463        27804738        .
        -       2       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff CDS     27804773        27804830        .
        -       0       Parent=Smp_165260.1
SM_V9_ZSR       Liftoff gene    27823995        27838815        .
        +       .
ID=Smp_341330;geneID=Smp_341330;previous_systematic_id=Smp_080040
SM_V9_ZSR       Liftoff mRNA    27823995        27838815        .
        +       .
ID=Smp_341330.1;Parent=Smp_341330;geneID=Smp_341330;product=Proteaso
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ADRM1;polypeptide_domain=InterPro:IPR006773,IPR032368
Pfam:PF04683,PF16550;Ontology_term=GO:0005634,GO:0005737
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SM_V9_ZSR       Liftoff exon    27824280        27824393        .
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SM_V9_ZSR       Liftoff exon    27824425        27824512        .
        +       .       Parent=Smp_341330.1
SM_V9_ZSR       Liftoff exon    27824544        27824609        .
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SM_V9_ZSR       Liftoff exon    27824648        27824693        .
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SM_V9_ZSR       Liftoff exon    27827954        27828107        .
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SM_V9_ZSR       Liftoff exon    27831290        27831380        .
        +       .       Parent=Smp_341330.1
SM_V9_ZSR       Liftoff exon    27836148        27836338        .
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SM_V9_ZSR       Liftoff exon    27837698        27837791        .
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SM_V9_ZSR       Liftoff exon    27838311        27838815        .
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SM_V9_ZSR       Liftoff CDS     27824039        27824242        .
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        +       0       Parent=Smp_341330.1
SM_V9_ZSR       Liftoff CDS     27824425        27824512        .
        +       0       Parent=Smp_341330.1
SM_V9_ZSR       Liftoff CDS     27824544        27824609        .
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SM_V9_ZSR	Liftoff	CDS	27824648	27824693	.
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SM_V9_ZSR	Liftoff	CDS	27827954	27828107	.
	+	1	Parent=Smp_341330.1
SM_V9_ZSR	Liftoff	CDS	27831290	27831380	.
	+	0	Parent=Smp_341330.1
SM_V9_ZSR	Liftoff	CDS	27836148	27836338	.
	+	2	Parent=Smp_341330.1
SM_V9_ZSR	Liftoff	CDS	27837698	27837791	.
	+	0	Parent=Smp_341330.1
SM_V9_ZSR	Liftoff	CDS	27838311	27838525	.
	+	2	Parent=Smp_341330.1
SM_V9_ZSR	iris	gene	27846299	27875130	.
	-	.
ID=Smp_242440;geneID=Smp_242440;gene_name=Smp_242440;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	27846299	27875130	.
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ied=2022-08-03;Name=Smp_242440.1;product=GATA-binding factor 6-
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SM_V9_ZSR	iris	exon	27846299	27846890	.
	-	.	Parent=Smp_242440.1;Name=d65d0d5e-
bb27-4a96-84df-c9712c1f1ebc
SM_V9_ZSR	iris	exon	27851386	27852111	.
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Parent=Smp_242440.1;Name=bf72dc75-1e2a-4161-9ab2-5b584cb50da1
SM_V9_ZSR	iris	exon	27853704	27853865	.
	-	.	Parent=Smp_242440.1;Name=2169f640-c356-42fa-
bd3c-e6c818554af1
SM_V9_ZSR	iris	exon	27856312	27856449	.
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SM_V9_ZSR	iris	exon	27857967	27858118	.
	-	.
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SM_V9_ZSR	iris	exon	27859814	27860161	.
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SM_V9_ZSR	iris	CDS	27856312	27856449	.
	-	0	Parent=Smp_242440.1
SM_V9_ZSR	iris	CDS	27857967	27858118	.
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SM_V9_ZSR	iris	CDS	27859814	27860161	.
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        +       .       ID=Smp_165230;geneID=Smp_165230
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        +       .
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of vulva defective
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Pfam:PF00801,PF01477,PF01822,PF08016;Ontology_term=GO:0005509,GO:000
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SM_V9_ZSR       Liftoff exon    27901335        27901368        .
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SM_V9_ZSR       Liftoff exon    27901415        27901503        .
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SM_V9_ZSR       Liftoff exon    27902873        27903070        .
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SM_V9_ZSR       Liftoff exon    27906754        27907059        .
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SM_V9_ZSR       Liftoff exon    27915931        27916094        .
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SM_V9_ZSR       Liftoff exon    27917337        27917552        .
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SM_V9_ZSR       Liftoff exon    27919168        27919404        .
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SM_V9_ZSR       Liftoff exon    27919911        27920142        .
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SM_V9_ZSR       Liftoff exon    27923803        27924470        .
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SM_V9_ZSR       Liftoff exon    27925889        27926059        .
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SM_V9_ZSR       Liftoff exon    27927506        27927726        .
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SM_V9_ZSR       Liftoff exon    27929222        27929467        .
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SM_V9_ZSR       Liftoff exon    27932016        27932924        .
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SM_V9_ZSR       Liftoff exon    27936370        27936584        .
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SM_V9_ZSR       Liftoff exon    27936983        27937228        .
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SM_V9_ZSR       Liftoff exon    27939254        27939405        .
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        +       .       Parent=Smp_165230.1
SM_V9_ZSR       Liftoff exon    27944105        27944143        .
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SM_V9_ZSR       Liftoff exon    27946637        27946885        .
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SM_V9_ZSR       Liftoff exon    27948143        27948233        .
        +       .       Parent=Smp_165230.1
SM_V9_ZSR       Liftoff exon    27950397        27950470        .
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SM_V9_ZSR       Liftoff exon    27951350        27951607        .
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SM_V9_ZSR       Liftoff exon    27953449        27953601        .
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SM_V9_ZSR       Liftoff exon    27971277        27971514        .
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SM_V9_ZSR       Liftoff CDS     27900256        27900306        .
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SM_V9_ZSR       Liftoff CDS     27901415        27901503        .
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SM_V9_ZSR       Liftoff CDS     27902873        27903070        .
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SM_V9_ZSR       Liftoff CDS     27906754        27907059        .
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SM_V9_ZSR       Liftoff CDS     27927506        27927726        .
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SM_V9_ZSR       Liftoff CDS     27940241        27940409        .
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SM_V9_ZSR       Liftoff CDS     27946637        27946885        .
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SM_V9_ZSR       Liftoff CDS     27948143        27948233        .
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SM_V9_ZSR       Liftoff CDS     27951350        27951607        .
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SM_V9_ZSR       Liftoff CDS     27953449        27953601        .
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SM_V9_ZSR       Liftoff CDS     27956195        27956277        .
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SM_V9_ZSR       Liftoff CDS     27959080        27959402        .
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SM_V9_ZSR       Liftoff CDS     27963155        27963372        .
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SM_V9_ZSR       Liftoff CDS     27966037        27966202        .
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SM_V9_ZSR       Liftoff CDS     27967937        27968215        .
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SM_V9_ZSR       Liftoff CDS     27969791        27969999        .
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SM_V9_ZSR       Liftoff CDS     27973072        27973225        .
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SM_V9_ZSR       Liftoff CDS     27973976        27974214        .
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SM_V9_ZSR       Liftoff CDS     27976752        27976923        .
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SM_V9_ZSR       Liftoff CDS     27977880        27978364        .
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SM_V9_ZSR       Liftoff CDS     27979927        27980829        .
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SM_V9_ZSR       iris    gene    27986117        27993150        .
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ied=2022-08-03;Name=Smp_079970.1;product=Tubulin beta
chain;date_creation=2022-08-03
SM_V9_ZSR       iris    exon    27986117        27987221        .
        -       .       Parent=Smp_079970.1;Name=e5eaa9cd-a6ab-4db6-
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SM_V9_ZSR       iris    exon    27989320        27989784        .
        -       .       Parent=Smp_079970.1;Name=fe3cdd40-
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SM_V9_ZSR       iris    exon    27993060        27993150        .
        -       .       Parent=Smp_079970.1;Name=57ba6eaa-3a4e-4608-
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SM_V9_ZSR       iris    CDS     27986409        27987221        .
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SM_V9_ZSR       iris    CDS     27989320        27989784        .
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SM_V9_ZSR       iris    CDS     27993060        27993116        .
        -       0       Parent=Smp_079970.1
SM_V9_ZSR       Liftoff gene    28001085        28004150        .
        -       .       ID=Smp_079960;geneID=Smp_079960
SM_V9_ZSR       Liftoff mRNA    28001085        28004150        .
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beta-4
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GO:0005874,GO:0007017
SM_V9_ZSR       Liftoff exon    28001085        28002079        .
        -       .       Parent=Smp_079960.1
SM_V9_ZSR       Liftoff exon    28002978        28003442        .
        -       .       Parent=Smp_079960.1
SM_V9_ZSR       Liftoff exon    28004054        28004150        .
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SM_V9_ZSR       Liftoff CDS     28001291        28002079        .
        -       0       Parent=Smp_079960.1
SM_V9_ZSR       Liftoff CDS     28002978        28003442        .
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SM_V9_ZSR       Liftoff CDS     28004054        28004110        .
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SM_V9_ZSR       iris    gene    28039212        28047082        .
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SM_V9_ZSR       iris    mRNA    28039212        28047082        .
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ID=Smp_079950.1;Parent=Smp_079950;geneID=Smp_079950;gene_name=Smp_07
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SM_V9_ZSR       iris    exon    28039212        28039681        .
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Parent=Smp_079950.1;Name=254c2a2a-127d-4de2-8d29-40a2709449ed
SM_V9_ZSR       iris    exon    28042888        28042965        .
        -       .       Parent=Smp_079950.1;Name=2c370faa-8b6d-40bb-
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SM_V9_ZSR       iris    exon    28046094        28046348        .
        -       .       Parent=Smp_079950.1;Name=6a4454be-0804-4dee-
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SM_V9_ZSR       iris    exon    28046384        28046463        .
        -       .
Parent=Smp_079950.1;Name=abf7b020-5480-4513-8c39-0ace38d19a68
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SM_V9_ZSR       iris    exon    28046891        28047082        .
        -       .       Parent=Smp_079950.1;Name=e0dbe6fc-ab1e-440b-
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SM_V9_ZSR       iris    CDS     28039520        28039681        .
        -       0       Parent=Smp_079950.1
SM_V9_ZSR       iris    CDS     28042888        28042965        .
        -       0       Parent=Smp_079950.1
SM_V9_ZSR       iris    CDS     28046094        28046348        .
        -       0       Parent=Smp_079950.1
SM_V9_ZSR       iris    CDS     28046384        28046463        .
        -       2       Parent=Smp_079950.1
SM_V9_ZSR       iris    CDS     28046496        28046846        .
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	-	.	ID=Smp_165220;geneID=Smp_165220
SM_V9_ZSR	Liftoff	mRNA	28072814	28084100	.
	-	.
ID=Smp_165220.1;Parent=Smp_165220;geneID=Smp_165220;product=Polycomb
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Pfam:PF00400;Ontology_term=GO:0005515
SM_V9_ZSR	Liftoff	exon	28072814	28073494	.
	-	.	Parent=Smp_165220.1
SM_V9_ZSR	Liftoff	exon	28075243	28075468	.
	-	.	Parent=Smp_165220.1
SM_V9_ZSR	Liftoff	exon	28078271	28078697	.
	-	.	Parent=Smp_165220.1
SM_V9_ZSR	Liftoff	exon	28078825	28084100	.
	-	.	Parent=Smp_165220.1
SM_V9_ZSR	Liftoff	CDS	28072864	28073494	.
	-	1	Parent=Smp_165220.1
SM_V9_ZSR	Liftoff	CDS	28075243	28075468	.
	-	2	Parent=Smp_165220.1
SM_V9_ZSR	Liftoff	CDS	28078271	28078697	.
	-	0	Parent=Smp_165220.1
SM_V9_ZSR	Liftoff	CDS	28078825	28079178	.
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SM_V9_ZSR	iris	gene	28099934	28118833	.
	+	.
ID=Smp_079910;geneID=Smp_079910;gene_name=Smp_079910;owner=irisadmin
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	+	.
ID=Smp_079910.1;Parent=Smp_079910;geneID=Smp_079910;gene_name=Smp_07
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SM_V9_ZSR	iris	exon	28099934	28099980	.
	+	.
Parent=Smp_079910.1;Name=71e0d63c-5131-4e65-996c-9217f2b4e56f
SM_V9_ZSR	iris	exon	28107219	28107478	.
	+	.	Parent=Smp_079910.1;Name=7e6df109-
c66b-4f0d-8e4a-7a7c1850dc3c
SM_V9_ZSR	iris	exon	28107514	28107621	.
	+	.
Parent=Smp_079910.1;Name=13a11e32-28ad-469c-9930-ad4e1525aeca
SM_V9_ZSR	iris	exon	28107657	28107842	.
	+	.	Parent=Smp_079910.1;Name=38e7c536-e08f-4a6a-
a274-be71a449b100
SM_V9_ZSR	iris	exon	28110538	28110634	.
	+	.	Parent=Smp_079910.1;Name=a9cdf105-274d-4fce-
b41d-8c0dabe95ef9
SM_V9_ZSR	iris	exon	28117152	28117264	.
	+	.
Parent=Smp_079910.1;Name=f85c1d22-4e47-40fd-9c76-2a5de24b006e
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SM_V9_ZSR	iris	exon	28118236	28118833	.
	+	.	Parent=Smp_079910.1;Name=edd70498-275b-4686-
b744-2576417dc88d
SM_V9_ZSR	iris	CDS	28107239	28107478	.
	+	0	Parent=Smp_079910.1
SM_V9_ZSR	iris	CDS	28107514	28107621	.
	+	0	Parent=Smp_079910.1
SM_V9_ZSR	iris	CDS	28107657	28107842	.
	+	0	Parent=Smp_079910.1
SM_V9_ZSR	iris	CDS	28110538	28110634	.
	+	0	Parent=Smp_079910.1
SM_V9_ZSR	iris	CDS	28117152	28117264	.
	+	2	Parent=Smp_079910.1
SM_V9_ZSR	iris	CDS	28118236	28118361	.
	+	0	Parent=Smp_079910.1
SM_V9_ZSR	iris	gene	28135303	28145520	.
	-	.
ID=Smp_079920;geneID=Smp_079920;gene_name=Smp_079920;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	28135303	28145520	.
	-	.
ID=Smp_079920.1;Parent=Smp_079920;geneID=Smp_079920;gene_name=Smp_07
9920;owner=irisadmin@local.host;orig_id=Smp_079920.1;date_last_modif
ied=2022-07-20;Name=Smp_079920.1;product=Pyruvate dehydrogenase E1
component subunit alpha type II, mitochondrial
(Fragment);date_creation=2022-07-20
SM_V9_ZSR	iris	exon	28135303	28135835	.
	-	.	Parent=Smp_079920.1;Name=ec53a60b-7085-4999-
b82c-55dbae2b5a7a
SM_V9_ZSR	iris	exon	28138845	28139093	.
	-	.
Parent=Smp_079920.1;Name=adb02d4a-8d87-4cef-9094-fa418f388406
SM_V9_ZSR	iris	exon	28140028	28140276	.
	-	.	Parent=Smp_079920.1;Name=ce9a4369-7958-44bd-
a9cd-c35449b879c8
SM_V9_ZSR	iris	exon	28143277	28143495	.
	-	.
Parent=Smp_079920.1;Name=b05500c7-2509-465a-88b8-9006a43cb17b
SM_V9_ZSR	iris	exon	28144943	28145197	.
	-	.	Parent=Smp_079920.1;Name=02c3798a-
d294-41ed-93ab-a35e8b85f30a
SM_V9_ZSR	iris	exon	28145235	28145520	.
	-	.	Parent=Smp_079920.1;Name=b094216a-ecc0-4315-
b9b7-80cebf100f13
SM_V9_ZSR	iris	CDS	28135659	28135835	.
	-	0	Parent=Smp_079920.1
SM_V9_ZSR	iris	CDS	28138845	28139093	.
	-	0	Parent=Smp_079920.1
SM_V9_ZSR	iris	CDS	28140028	28140276	.
	-	0	Parent=Smp_079920.1
SM_V9_ZSR	iris	CDS	28143277	28143495	.
	-	0	Parent=Smp_079920.1
SM_V9_ZSR	iris	CDS	28144943	28145197	.
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SM_V9_ZSR	iris	CDS	28145235	28145267	.
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SM_V9_ZSR	iris	gene	28160850	28181583	.
	+	.
ID=Smp_132850;geneID=Smp_132850;gene_name=Smp_132850;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	28160850	28181583	.
	+	.
ID=Smp_132850.1;Parent=Smp_132850;geneID=Smp_132850;gene_name=Smp_13
2850;owner=irisadmin@local.host;orig_id=Smp_132850.1;date_last_modif
ied=2022-07-20;Name=Smp_132850.1;product=Lysophosphatidylcholine
acyltransferase;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	28160850	28161138	.
	+	.	Parent=Smp_132850.1;Name=93ad9e97-68f5-436b-
b5a6-5691b3bbbff5
SM_V9_ZSR	iris	exon	28161174	28161316	.
	+	.	Parent=Smp_132850.1;Name=75e87326-38f0-4f86-
bed9-6678e2cdbbfb
SM_V9_ZSR	iris	exon	28161349	28161740	.
	+	.	Parent=Smp_132850.1;Name=3c22976d-90af-432a-
b128-3b248528e60e
SM_V9_ZSR	iris	exon	28163803	28163861	.
	+	.	Parent=Smp_132850.1;Name=ff50aa30-606d-4643-
a40f-52eff61fbf8a
SM_V9_ZSR	iris	exon	28167296	28167330	.
	+	.
Parent=Smp_132850.1;Name=4d59a4cc-7515-413b-8ad2-5cbf92d6f90e
SM_V9_ZSR	iris	exon	28169255	28169309	.
	+	.
Parent=Smp_132850.1;Name=4d8af327-59dc-453a-917b-ceec32a2eb07
SM_V9_ZSR	iris	exon	28171067	28171149	.
	+	.	Parent=Smp_132850.1;Name=8015781a-
e96b-4595-8eed-15ec29410130
SM_V9_ZSR	iris	exon	28171990	28172115	.
	+	.	Parent=Smp_132850.1;Name=c2f149b0-6184-4dcc-
a84a-b758953b9cc8
SM_V9_ZSR	iris	exon	28173272	28173479	.
	+	.	Parent=Smp_132850.1;Name=213a986f-b8be-4628-
b066-d8b1e3dd6d12
SM_V9_ZSR	iris	exon	28173824	28173919	.
	+	.	Parent=Smp_132850.1;Name=37d3f873-408e-43e5-
aca8-a8944660f4aa
SM_V9_ZSR	iris	exon	28178957	28179152	.
	+	.
Parent=Smp_132850.1;Name=60472711-04f3-45c6-8f31-c88a6156f213
SM_V9_ZSR	iris	exon	28180234	28181583	.
	+	.
Parent=Smp_132850.1;Name=857fd39f-51a1-44ef-8ba4-4beca793cc53
SM_V9_ZSR	iris	CDS	28160992	28161138	.
	+	0	Parent=Smp_132850.1
SM_V9_ZSR	iris	CDS	28161174	28161316	.
	+	0	Parent=Smp_132850.1
SM_V9_ZSR	iris	CDS	28161349	28161740	.
	+	1	Parent=Smp_132850.1
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SM_V9_ZSR       iris    CDS     28163803        28163861        .
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SM_V9_ZSR       iris    CDS     28167296        28167330        .
        +       0       Parent=Smp_132850.1
SM_V9_ZSR       iris    CDS     28169255        28169309        .
        +       1       Parent=Smp_132850.1
SM_V9_ZSR       iris    CDS     28171067        28171149        .
        +       0       Parent=Smp_132850.1
SM_V9_ZSR       iris    CDS     28171990        28172115        .
        +       1       Parent=Smp_132850.1
SM_V9_ZSR       iris    CDS     28173272        28173479        .
        +       1       Parent=Smp_132850.1
SM_V9_ZSR       iris    CDS     28173824        28173919        .
        +       0       Parent=Smp_132850.1
SM_V9_ZSR       iris    CDS     28178957        28179152        .
        +       0       Parent=Smp_132850.1
SM_V9_ZSR       iris    CDS     28180234        28180616        .
        +       2       Parent=Smp_132850.1
SM_V9_ZSR       Liftoff gene    28186215        28223143        .
        +       .
ID=Smp_210550;geneID=Smp_210550;previous_systematic_id=Smp_132860
SM_V9_ZSR       Liftoff mRNA    28186215        28223143        .
        +       .
ID=Smp_210550.2;Parent=Smp_210550;geneID=Smp_210550;product=Tyrosyl-
DNA phosphodiesterase 2;polypeptide_domain=InterPro:IPR005135
Pfam:PF03372,PF14555
SM_V9_ZSR       Liftoff exon    28186215        28186389        .
        +       .       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff exon    28200956        28200999        .
        +       .       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff exon    28210614        28210853        .
        +       .       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff exon    28213243        28213426        .
        +       .       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff exon    28217725        28218000        .
        +       .       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff exon    28221588        28223143        .
        +       .       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff CDS     28186225        28186389        .
        +       0       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff CDS     28200956        28200999        .
        +       0       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff CDS     28210614        28210853        .
        +       1       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff CDS     28213243        28213426        .
        +       1       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff CDS     28217725        28218000        .
        +       0       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff CDS     28221588        28221881        .
        +       0       Parent=Smp_210550.2
SM_V9_ZSR       Liftoff gene    28227159        28230339        .
        +       .
ID=Smp_210540;geneID=Smp_210540;previous_systematic_id=Smp_132860
SM_V9_ZSR       Liftoff mRNA    28227159        28230339        .
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        +       .
ID=Smp_210540.1;Parent=Smp_210540;geneID=Smp_210540;product=Cysteine
-rich PDZ-binding protein;polypeptide_domain=InterPro:IPR019367
Pfam:PF10235
SM_V9_ZSR       Liftoff exon    28227159        28229935        .
        +       .       Parent=Smp_210540.1
SM_V9_ZSR       Liftoff exon    28229972        28230339        .
        +       .       Parent=Smp_210540.1
SM_V9_ZSR       Liftoff CDS     28229920        28229935        .
        +       0       Parent=Smp_210540.1
SM_V9_ZSR       Liftoff CDS     28229972        28230258        .
        +       2       Parent=Smp_210540.1
SM_V9_ZSR       Liftoff gene    28237780        28239465        .
        -       .       ID=Smp_203600;geneID=Smp_203600
SM_V9_ZSR       Liftoff mRNA    28237780        28239465        .
        -       .
ID=Smp_203600.1;Parent=Smp_203600;geneID=Smp_203600;product=Citrate
lyase subunit beta-like protein, mitochondrial
SM_V9_ZSR       Liftoff exon    28237780        28238364        .
        -       .       Parent=Smp_203600.1
SM_V9_ZSR       Liftoff exon    28238402        28239465        .
        -       .       Parent=Smp_203600.1
SM_V9_ZSR       Liftoff CDS     28238150        28238364        .
        -       2       Parent=Smp_203600.1
SM_V9_ZSR       Liftoff CDS     28238402        28238435        .
        -       0       Parent=Smp_203600.1
SM_V9_ZSR       Liftoff gene    28262429        28263321        .
        -       .       ID=Smp_322980;geneID=Smp_322980
SM_V9_ZSR       Liftoff mRNA    28262429        28263321        .
        -       .
ID=Smp_322980.1;Parent=Smp_322980;geneID=Smp_322980;product=Mesocent
in
SM_V9_ZSR       Liftoff exon    28262429        28263321        .
        -       .       Parent=Smp_322980.1
SM_V9_ZSR       Liftoff CDS     28262789        28263031        .
        -       0       Parent=Smp_322980.1
SM_V9_ZSR       iris    gene    28275509        28282586        .
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ID=Smp_132870;geneID=Smp_132870;gene_name=Smp_132870;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    28275509        28282586        .
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ID=Smp_132870.1;Parent=Smp_132870;geneID=Smp_132870;gene_name=Smp_13
2870;owner=irisadmin@local.host;orig_id=Smp_132870.1;date_last_modif
ied=2022-07-20;Name=Smp_132870.1;product=DnaJ homolog subfamily B
member 12;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    28275509        28276260        .
        -       .       Parent=Smp_132870.1;Name=00f18245-
dbee-4aa3-9cbd-dfd788912dec
SM_V9_ZSR       iris    exon    28278678        28278841        .
        -       .       Parent=Smp_132870.1;Name=e61525a4-
db2e-4f55-8b5b-65a219d88ed2
SM_V9_ZSR       iris    exon    28280432        28280541        .
        -       .       Parent=Smp_132870.1;Name=9305b0a7-8d11-44ae-
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b16b-dbab298e82ea
SM_V9_ZSR       iris    exon    28281741        28281841        .
        -       .       Parent=Smp_132870.1;Name=035af35a-4e8f-4046-
abf3-926d1924b35a
SM_V9_ZSR       iris    exon    28281877        28282070        .
        -       .
Parent=Smp_132870.1;Name=01852307-639c-4c96-8052-3934f66ec5d9
SM_V9_ZSR       iris    exon    28282103        28282334        .
        -       .       Parent=Smp_132870.1;Name=92cdffb8-3f03-4628-
b84a-903793a9fd0a
SM_V9_ZSR       iris    exon    28282369        28282586        .
        -       .       Parent=Smp_132870.1;Name=7325133f-1b57-4d37-
ac6d-cc654b7e3782
SM_V9_ZSR       iris    CDS     28276148        28276260        .
        -       2       Parent=Smp_132870.1
SM_V9_ZSR       iris    CDS     28278678        28278841        .
        -       1       Parent=Smp_132870.1
SM_V9_ZSR       iris    CDS     28280432        28280541        .
        -       0       Parent=Smp_132870.1
SM_V9_ZSR       iris    CDS     28281741        28281841        .
        -       2       Parent=Smp_132870.1
SM_V9_ZSR       iris    CDS     28281877        28282070        .
        -       1       Parent=Smp_132870.1
SM_V9_ZSR       iris    CDS     28282103        28282334        .
        -       2       Parent=Smp_132870.1
SM_V9_ZSR       iris    CDS     28282369        28282501        .
        -       0       Parent=Smp_132870.1
SM_V9_ZSR       iris    gene    28306173        28332518        .
        +       .
ID=Smp_210970;geneID=Smp_210970;gene_name=Smp_210970;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    28306173        28332518        .
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ID=Smp_210970.1;Parent=Smp_210970;geneID=Smp_210970;gene_name=Smp_21
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kinase MAK;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    28306173        28306366        .
        +       .       Parent=Smp_210970.1;Name=983b3a31-
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SM_V9_ZSR       iris    exon    28306402        28306456        .
        +       .
Parent=Smp_210970.1;Name=c3071ef9-72ae-4b39-94fb-f1aa14e60bfc
SM_V9_ZSR       iris    exon    28306488        28306609        .
        +       .       Parent=Smp_210970.1;Name=1aa4e91d-24c9-4c7d-
b436-22ce96e80fb8
SM_V9_ZSR       iris    exon    28306925        28307004        .
        +       .       Parent=Smp_210970.1;Name=74688035-eaa8-4736-
bc2c-24676b4e6f8e
SM_V9_ZSR       iris    exon    28308423        28308555        .
        +       .       Parent=Smp_210970.1;Name=8622731f-4b1e-4f19-
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SM_V9_ZSR       iris    exon    28309358        28309529        .
        +       .       Parent=Smp_210970.1;Name=0b125240-8cfa-42e3-
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b120-2317404220c6
SM_V9_ZSR       iris    exon    28312701        28312868        .
        +       .       Parent=Smp_210970.1;Name=ac287b7c-
d485-44e5-9f15-9ebad3c57381
SM_V9_ZSR       iris    exon    28313969        28314332        .
        +       .
Parent=Smp_210970.1;Name=a0176591-8108-4532-859f-f76575dcde95
SM_V9_ZSR       iris    exon    28321110        28321336        .
        +       .       Parent=Smp_210970.1;Name=cba58efd-
e02f-4619-96c9-741a51c5c112
SM_V9_ZSR       iris    exon    28322693        28322833        .
        +       .       Parent=Smp_210970.1;Name=2c361684-4a38-47ae-
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SM_V9_ZSR       iris    exon    28326959        28327188        .
        +       .       Parent=Smp_210970.1;Name=fde303ae-b0e7-4bcd-
ba88-a311993d5cf3
SM_V9_ZSR       iris    exon    28328315        28328586        .
        +       .       Parent=Smp_210970.1;Name=1c65bad7-1c18-4d07-
bb32-8383a97a5c0b
SM_V9_ZSR       iris    exon    28329287        28329481        .
        +       .       Parent=Smp_210970.1;Name=966d00bd-
c2b5-40b2-98c6-91d1d983bfff
SM_V9_ZSR       iris    exon    28330687        28330879        .
        +       .       Parent=Smp_210970.1;Name=858b72b1-8c13-4cc7-
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SM_V9_ZSR       iris    exon    28331642        28332518        .
        +       .
Parent=Smp_210970.1;Name=11367c4e-9189-4f5a-9708-102277e1de9f
SM_V9_ZSR       iris    CDS     28306266        28306366        .
        +       0       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28306402        28306456        .
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SM_V9_ZSR       iris    CDS     28306488        28306609        .
        +       0       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28306925        28307004        .
        +       1       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28308423        28308555        .
        +       2       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28309358        28309529        .
        +       1       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28312701        28312868        .
        +       0       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28313969        28314332        .
        +       0       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28321110        28321336        .
        +       2       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28322693        28322833        .
        +       0       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28326959        28327188        .
        +       0       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28328315        28328586        .
        +       1       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28329287        28329481        .
        +       2       Parent=Smp_210970.1
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SM_V9_ZSR       iris    CDS     28330687        28330879        .
        +       2       Parent=Smp_210970.1
SM_V9_ZSR       iris    CDS     28331642        28331657        .
        +       1       Parent=Smp_210970.1
SM_V9_ZSR       Liftoff gene    28333679        28336342        .
        +       .
ID=Smp_210960;geneID=Smp_210960;previous_systematic_id=Smp_132890
SM_V9_ZSR       Liftoff mRNA    28333679        28336342        .
        +       .
ID=Smp_210960.1;Parent=Smp_210960;geneID=Smp_210960;product=Transcri
ption initiation factor TFIID subunit
13;polypeptide_domain=InterPro:IPR003195,IPR009072
Pfam:PF02269;Ontology_term=GO:0006366,GO:0046982
SM_V9_ZSR       Liftoff exon    28333679        28333730        .
        +       .       Parent=Smp_210960.1
SM_V9_ZSR       Liftoff exon    28334285        28334354        .
        +       .       Parent=Smp_210960.1
SM_V9_ZSR       Liftoff exon    28334404        28334501        .
        +       .       Parent=Smp_210960.1
SM_V9_ZSR       Liftoff exon    28335846        28336342        .
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SM_V9_ZSR       Liftoff CDS     28333704        28333730        .
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SM_V9_ZSR       Liftoff CDS     28334285        28334354        .
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SM_V9_ZSR       Liftoff CDS     28334404        28334501        .
        +       2       Parent=Smp_210960.1
SM_V9_ZSR       Liftoff CDS     28335846        28336022        .
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SM_V9_ZSR       Liftoff gene    28339510        28355904        .
        -       .       ID=Smp_132900;geneID=Smp_132900
SM_V9_ZSR       Liftoff mRNA    28339510        28355904        .
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ID=Smp_132900.1;Parent=Smp_132900;geneID=Smp_132900;product=Hypothet
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SM_V9_ZSR       Liftoff exon    28339510        28340827        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff exon    28342121        28342276        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff exon    28344017        28344179        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff exon    28346350        28346427        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff exon    28346858        28347168        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff exon    28349081        28349248        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff exon    28350181        28350520        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff exon    28351979        28355904        .
        -       .       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff CDS     28340433        28340827        .
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SM_V9_ZSR       Liftoff CDS     28342121        28342276        .
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        -       0       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff CDS     28346858        28347168        .
        -       2       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff CDS     28349081        28349248        .
        -       2       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff CDS     28350181        28350520        .
        -       0       Parent=Smp_132900.1
SM_V9_ZSR       Liftoff CDS     28351979        28353070        .
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SM_V9_ZSR       iris    gene    28360470        28384142        .
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SM_V9_ZSR       iris    mRNA    28360470        28384142        .
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adfd-0cce40bfa133
SM_V9_ZSR       iris    exon    28371634        28371822        .
        -       .       Parent=Smp_173550.1;Name=5dfbb49f-0156-405d-
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SM_V9_ZSR       iris    exon    28375462        28375557        .
        -       .       Parent=Smp_173550.1;Name=8cea6307-b8bf-4549-
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SM_V9_ZSR       iris    exon    28382061        28382226        .
        -       .       Parent=Smp_173550.1;Name=7111e15d-ca40-4426-
bdd8-84735f4b0fd0
SM_V9_ZSR       iris    exon    28383707        28384142        .
        -       .
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SM_V9_ZSR       iris    CDS     28360743        28361008        .
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        -       2       Parent=Smp_173550.1
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        -       2       Parent=Smp_173550.1
SM_V9_ZSR       iris    CDS     28382061        28382226        .
        -       0       Parent=Smp_173550.1
SM_V9_ZSR       iris    CDS     28383707        28384027        .
        -       0       Parent=Smp_173550.1
SM_V9_ZSR       iris    gene    28406508        28418759        .
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ID=Smp_180070;geneID=Smp_180070;gene_name=Smp_180070;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    28406508        28418759        .
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5;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    28406508        28406551        .
        +       .       Parent=Smp_180070.1;Name=69f0f47b-37a9-460e-
bc5e-9dcf963f2cd8
SM_V9_ZSR       iris    exon    28406587        28407363        .
        +       .       Parent=Smp_180070.1;Name=26c54ae6-04f0-42f7-
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SM_V9_ZSR       iris    exon    28411949        28414357        .
        +       .
Parent=Smp_180070.1;Name=85a02386-99b7-47ac-9415-e712fc8c0fbe
SM_V9_ZSR       iris    exon    28417610        28418759        .
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SM_V9_ZSR       iris    CDS     28406549        28406551        .
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SM_V9_ZSR       iris    CDS     28406587        28407363        .
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SM_V9_ZSR       iris    CDS     28417610        28418602        .
        +       0       Parent=Smp_180070.1
SM_V9_ZSR       iris    gene    28421144        28481914        .
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SM_V9_ZSR       iris    mRNA    28421144        28481914        .
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ied=2022-07-20;Name=Smp_212900.1;product=SUN domain-containing
protein 2;date_creation=2022-07-20
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        +       .       Parent=Smp_212900.1;Name=9a9e62db-4c76-4a18-
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SM_V9_ZSR       iris    exon    28442117        28442193        .
        +       .       Parent=Smp_212900.1;Name=9ebb843e-
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SM_V9_ZSR       iris    exon    28449489        28449609        .
        +       .       Parent=Smp_212900.1;Name=d7345235-17ed-4728-
a7c4-8dcd43bf9a30
SM_V9_ZSR       iris    exon    28450899        28451329        .
        +       .       Parent=Smp_212900.1;Name=f6e47fe7-092f-49d5-
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SM_V9_ZSR       iris    exon    28453920        28453987        .
        +       .       Parent=Smp_212900.1;Name=26911796-ad53-4c59-
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SM_V9_ZSR       iris    exon    28461263        28461725        .
        +       .       Parent=Smp_212900.1;Name=9b52abca-
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e5e7-4062-92cc-827b58dcce56
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SM_V9_ZSR       iris    exon    28466680        28466940        .
        +       .       Parent=Smp_212900.1;Name=45fff060-4ffe-48dc-
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SM_V9_ZSR       iris    exon    28471142        28471232        .
        +       .       Parent=Smp_212900.1;Name=19535fde-d3f8-4bf8-
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SM_V9_ZSR       iris    exon    28472144        28472576        .
        +       .       Parent=Smp_212900.1;Name=a40e6ae6-
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SM_V9_ZSR       iris    exon    28473940        28474114        .
        +       .       Parent=Smp_212900.1;Name=e2ca620b-886c-4abe-
ac56-742a15ddb125
SM_V9_ZSR       iris    exon    28474693        28474823        .
        +       .       Parent=Smp_212900.1;Name=2ecad590-770d-4017-
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SM_V9_ZSR       iris    exon    28476319        28476421        .
        +       .       Parent=Smp_212900.1;Name=f55ab038-3efa-4201-
b52e-5ae8a2315d7e
SM_V9_ZSR       iris    exon    28478565        28478796        .
        +       .       Parent=Smp_212900.1;Name=5950462f-
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SM_V9_ZSR       iris    exon    28479151        28479331        .
        +       .       Parent=Smp_212900.1;Name=13b587ac-a096-43cc-
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SM_V9_ZSR       iris    exon    28480083        28480172        .
        +       .       Parent=Smp_212900.1;Name=de344e97-85a3-4f5a-
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SM_V9_ZSR       iris    exon    28481595        28481914        .
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SM_V9_ZSR       iris    CDS     28421350        28421498        .
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SM_V9_ZSR       iris    CDS     28442117        28442193        .
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SM_V9_ZSR       iris    CDS     28443967        28444120        .
        +       2       Parent=Smp_212900.1
SM_V9_ZSR       iris    CDS     28449489        28449609        .
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SM_V9_ZSR       iris    CDS     28450899        28451329        .
        +       0       Parent=Smp_212900.1
SM_V9_ZSR       iris    CDS     28453920        28453987        .
        +       1       Parent=Smp_212900.1
SM_V9_ZSR       iris    CDS     28461263        28461725        .
        +       2       Parent=Smp_212900.1
SM_V9_ZSR       iris    CDS     28466144        28466253        .
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SM_V9_ZSR       iris    CDS     28466680        28466940        .
        +       2       Parent=Smp_212900.1
SM_V9_ZSR       iris    CDS     28471142        28471232        .
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SM_V9_ZSR	iris	CDS	28473940	28474114	.
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SM_V9_ZSR	iris	CDS	28474693	28474823	.
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SM_V9_ZSR	iris	CDS	28476319	28476421	.
	+	0	Parent=Smp_212900.1
SM_V9_ZSR	iris	CDS	28478565	28478796	.
	+	2	Parent=Smp_212900.1
SM_V9_ZSR	iris	CDS	28479151	28479331	.
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SM_V9_ZSR	iris	CDS	28480083	28480172	.
	+	0	Parent=Smp_212900.1
SM_V9_ZSR	iris	CDS	28481595	28481705	.
	+	0	Parent=Smp_212900.1
SM_V9_ZSR	Liftoff	gene	28494289	28509128	.
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SM_V9_ZSR	Liftoff	exon	28494289	28501358	.
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SM_V9_ZSR	Liftoff	exon	28504773	28505096	.
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	+	.	Parent=Smp_210580.1
SM_V9_ZSR	Liftoff	exon	28508668	28509128	.
	+	.	Parent=Smp_210580.1
SM_V9_ZSR	Liftoff	CDS	28501017	28501358	.
	+	0	Parent=Smp_210580.1
SM_V9_ZSR	Liftoff	CDS	28504773	28505096	.
	+	0	Parent=Smp_210580.1
SM_V9_ZSR	Liftoff	CDS	28506792	28507020	.
	+	0	Parent=Smp_210580.1
SM_V9_ZSR	Liftoff	CDS	28508668	28508873	.
	+	2	Parent=Smp_210580.1
SM_V9_ZSR	Liftoff	gene	28511008	28511785	.
	-	.	ID=Smp_322990;geneID=Smp_322990
SM_V9_ZSR	Liftoff	mRNA	28511008	28511785	.
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protein C9orf16 homolog
SM_V9_ZSR	Liftoff	exon	28511008	28511357	.
	-	.	Parent=Smp_322990.1
SM_V9_ZSR	Liftoff	exon	28511397	28511785	.
	-	.	Parent=Smp_322990.1
SM_V9_ZSR	Liftoff	CDS	28511160	28511357	.
	-	0	Parent=Smp_322990.1
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related protein 9;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	28522443	28522572	.
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Parent=Smp_179720.1;Name=35541bf9-3189-4ee6-935e-c5d1570298c8
SM_V9_ZSR	iris	exon	28524967	28525055	.
	+	.	Parent=Smp_179720.1;Name=5d43df85-
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SM_V9_ZSR	iris	exon	28526508	28526606	.
	+	.	Parent=Smp_179720.1;Name=06ee5878-d97c-4408-
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Parent=Smp_179720.1;Name=1d7704cc-71d8-4e58-99cc-1d0f50e364a0
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SM_V9_ZSR	iris	exon	28587634	28588061	.
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SM_V9_ZSR	iris	exon	28588871	28589064	.
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SM_V9_ZSR	iris	exon	28590534	28590753	.
	+	.	Parent=Smp_179720.1;Name=3f6512d9-
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SM_V9_ZSR	iris	exon	28591932	28592023	.
	+	.
Parent=Smp_179720.1;Name=255dc8ee-182a-4957-9216-47fa89c9c25c
SM_V9_ZSR	iris	exon	28593244	28594588	.
	+	.	Parent=Smp_179720.1;Name=eb358dc0-5424-4276-
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SM_V9_ZSR	iris	CDS	28519137	28519235	.
	+	0	Parent=Smp_179720.1
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SM_V9_ZSR	iris	CDS	28524967	28525055	.
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SM_V9_ZSR	iris	CDS	28526508	28526606	.
	+	0	Parent=Smp_179720.1
SM_V9_ZSR	iris	CDS	28535133	28535207	.
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SM_V9_ZSR	iris	CDS	28549573	28549623	.
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SM_V9_ZSR	iris	CDS	28582536	28582671	.
	+	0	Parent=Smp_179720.1
SM_V9_ZSR	iris	CDS	28583828	28584329	.
	+	2	Parent=Smp_179720.1
SM_V9_ZSR	iris	CDS	28586565	28586713	.
	+	1	Parent=Smp_179720.1
SM_V9_ZSR	iris	CDS	28587634	28588061	.
	+	2	Parent=Smp_179720.1
SM_V9_ZSR	iris	CDS	28588871	28589064	.
	+	0	Parent=Smp_179720.1
SM_V9_ZSR	iris	CDS	28590534	28590753	.
	+	1	Parent=Smp_179720.1
SM_V9_ZSR	iris	CDS	28591932	28592023	.
	+	0	Parent=Smp_179720.1
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	+	1	Parent=Smp_179720.1
SM_V9_ZSR	iris	gene	28609127	28630925	.
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SM_V9_ZSR	iris	mRNA	28609127	28630925	.
	+	.
ID=Smp_174090.1;Parent=Smp_174090;geneID=Smp_174090;gene_name=Smp_17
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containing protein 40;date_creation=2022-10-01
SM_V9_ZSR	iris	exon	28609127	28609368	.
	+	.	Parent=Smp_174090.1;Name=a188d872-be3e-45c7-
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SM_V9_ZSR	iris	exon	28609406	28609489	.
	+	.
Parent=Smp_174090.1;Name=f7aaa8a0-0af2-4dde-8b0a-27909d36602f
SM_V9_ZSR	iris	exon	28609524	28609603	.
	+	.	Parent=Smp_174090.1;Name=1621201c-
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SM_V9_ZSR	iris	exon	28612072	28612345	.
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	+	.	Parent=Smp_174090.1;Name=fcf85a3a-f3bf-4a5b-
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SM_V9_ZSR	iris	exon	28615779	28616022	.
	+	.	Parent=Smp_174090.1;Name=cf3e3718-0439-46af-
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SM_V9_ZSR       iris    exon    28618724        28618960        .
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a5bb-326c2ed31994
SM_V9_ZSR       iris    exon    28619949        28620162        .
        +       .       Parent=Smp_174090.1;Name=0ddf4b7d-0ca7-4252-
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        +       .       Parent=Smp_174090.1;Name=166cecda-eb42-4adf-
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SM_V9_ZSR       iris    exon    28622308        28622496        .
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SM_V9_ZSR       iris    exon    28625105        28625225        .
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Parent=Smp_174090.1;Name=be912592-7cc8-474b-9604-ea37e762a702
SM_V9_ZSR       iris    exon    28626122        28626280        .
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SM_V9_ZSR       iris    CDS     28609524        28609603        .
        +       0       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28612072        28612345        .
        +       1       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28613700        28613968        .
        +       0       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28615779        28616022        .
        +       1       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28617831        28618022        .
        +       0       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28618724        28618960        .
        +       0       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28619949        28620162        .
        +       0       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28621039        28621300        .
        +       2       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28622308        28622496        .
        +       1       Parent=Smp_174090.1
SM_V9_ZSR       iris    CDS     28625105        28625225        .
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SM_V9_ZSR       iris    CDS     28626122        28626280        .
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SM_V9_ZSR       iris    mRNA    28649727        28655326        .
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ID=Smp_094760.1;Parent=Smp_094760;geneID=Smp_094760;gene_name=Smp_09
4760;owner=irisadmin@local.host;orig_id=Smp_094760.1;date_last_modif
ied=2022-07-23;Name=Smp_094760.1;product=Cyclin-dependent kinase
9;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    28649727        28650015        .
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d199-4205-901b-807a1e98d643
SM_V9_ZSR       iris    exon    28650049        28650139        .
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Parent=Smp_094760.1;Name=15ce2f06-106e-46e8-963e-6d61363992b9
SM_V9_ZSR       iris    exon    28650172        28650325        .
        +       .       Parent=Smp_094760.1;Name=27b93a78-eabc-449c-
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SM_V9_ZSR       iris    exon    28651799        28652066        .
        +       .       Parent=Smp_094760.1;Name=43478cd9-
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        +       0       Parent=Smp_094760.1
SM_V9_ZSR       iris    CDS     28650172        28650325        .
        +       2       Parent=Smp_094760.1
SM_V9_ZSR       iris    CDS     28651799        28652066        .
        +       1       Parent=Smp_094760.1
SM_V9_ZSR       iris    CDS     28654533        28655033        .
        +       0       Parent=Smp_094760.1
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        -       .       ID=Smp_094770;geneID=Smp_094770
SM_V9_ZSR       Liftoff mRNA    28658793        28660509        .
        -       .
ID=Smp_094770.1;Parent=Smp_094770;geneID=Smp_094770;product=30S
ribosomal protein S13;polypeptide_domain=InterPro:IPR004330
Pfam:PF03101
SM_V9_ZSR       Liftoff exon    28658793        28660056        .
        -       .       Parent=Smp_094770.1
SM_V9_ZSR       Liftoff exon    28660091        28660509        .
        -       .       Parent=Smp_094770.1
SM_V9_ZSR       Liftoff CDS     28659756        28660056        .
        -       1       Parent=Smp_094770.1
SM_V9_ZSR       Liftoff CDS     28660091        28660227        .
        -       0       Parent=Smp_094770.1
SM_V9_ZSR       iris    gene    28668216        28746166        .
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ied=2022-07-20;Name=Smp_174110.1;product=Protein phosphatase 1
regulatory inhibitor subunit 16B;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    28668216        28668764        .
        +       .       Parent=Smp_174110.1;Name=ea48dc5f-
bd2a-4c94-8320-f3bd24d03954
SM_V9_ZSR       iris    exon    28696230        28696300        .
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Parent=Smp_174110.1;Name=33890971-00a5-463b-84f8-596a64464e0e
SM_V9_ZSR       iris    exon    28700359        28700504        .
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Parent=Smp_174110.1;Name=e655293c-44f6-44be-8bbb-ea7d124d8ef4
SM_V9_ZSR       iris    exon    28711714        28711817        .
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Parent=Smp_174110.1;Name=dd106ef4-9c3b-4035-9433-b95d25be1de2
SM_V9_ZSR       iris    exon    28730890        28731014        .
        +       .       Parent=Smp_174110.1;Name=d632b669-0a16-44c3-
b26f-013f1dc348bd
SM_V9_ZSR       iris    exon    28734534        28734659        .
        +       .
Parent=Smp_174110.1;Name=c52ee6b8-5d16-4723-9e2f-b98de1dd6a9f
SM_V9_ZSR       iris    exon    28737486        28737561        .
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Parent=Smp_174110.1;Name=0ab2bd31-0324-4a77-8f6a-1244a2acecb1
SM_V9_ZSR       iris    exon    28740896        28741022        .
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Parent=Smp_174110.1;Name=f6fbba2f-00db-405f-8fb4-3bdda394d146
SM_V9_ZSR       iris    exon    28742592        28742961        .
        +       .       Parent=Smp_174110.1;Name=d9e47308-
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SM_V9_ZSR       iris    exon    28744551        28746166        .
        +       .       Parent=Smp_174110.1;Name=72e1785f-ecd3-4a9e-
b655-277446e3c3d7
SM_V9_ZSR       iris    CDS     28668536        28668764        .
        +       0       Parent=Smp_174110.1
SM_V9_ZSR       iris    CDS     28696230        28696300        .
        +       2       Parent=Smp_174110.1
SM_V9_ZSR       iris    CDS     28700359        28700504        .
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SM_V9_ZSR       iris    CDS     28711714        28711817        .
        +       1       Parent=Smp_174110.1
SM_V9_ZSR       iris    CDS     28730890        28731014        .
        +       2       Parent=Smp_174110.1
SM_V9_ZSR       iris    CDS     28734534        28734659        .
        +       0       Parent=Smp_174110.1
SM_V9_ZSR       iris    CDS     28737486        28737561        .
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SM_V9_ZSR       iris    CDS     28740896        28741022        .
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        +       1       Parent=Smp_174110.1
SM_V9_ZSR       iris    CDS     28744551        28744919        .
        +       0       Parent=Smp_174110.1
SM_V9_ZSR       Liftoff gene    28757485        28760350        .
        +       .       ID=Smp_174130;geneID=Smp_174130
SM_V9_ZSR       Liftoff mRNA    28757485        28760350        .
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ID=Smp_174130.1;Parent=Smp_174130;geneID=Smp_174130;product=Mitochon
drial inner membrane protein
COX18;polypeptide_domain=InterPro:IPR001708
Pfam:PF02096;Ontology_term=GO:0016021,GO:0051205
SM_V9_ZSR       Liftoff exon    28757485        28758743        .
        +       .       Parent=Smp_174130.1
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SM_V9_ZSR       Liftoff exon    28759885        28760111        .
        +       .       Parent=Smp_174130.1
SM_V9_ZSR       Liftoff exon    28760145        28760350        .
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SM_V9_ZSR       Liftoff CDS     28758381        28758743        .
        +       0       Parent=Smp_174130.1
SM_V9_ZSR       Liftoff CDS     28758776        28758935        .
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SM_V9_ZSR       Liftoff CDS     28759885        28760111        .
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SM_V9_ZSR       Liftoff CDS     28760145        28760339        .
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SM_V9_ZSR       iris    gene    28761419        28780545        .
        -       .
ID=Smp_094810;geneID=Smp_094810;gene_name=Smp_094810;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    28761419        28776786        .
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ID=Smp_094810.1;Parent=Smp_094810;geneID=Smp_094810;gene_name=Smp_09
4810;owner=irisadmin@local.host;orig_id=Smp_094810.1;date_last_modif
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isomerase (PPIase) E;date_creation=2022-08-21
SM_V9_ZSR       iris    exon    28761419        28761568        .
        -       .       Parent=Smp_094810.1;Name=648168cd-
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SM_V9_ZSR       iris    exon    28761922        28761988        .
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Parent=Smp_094810.1;Name=69a2f574-888d-439b-8ea7-28be44d943e1
SM_V9_ZSR       iris    exon    28762830        28762905        .
        -       .
Parent=Smp_094810.1;Name=855aa958-608d-4f8a-84be-53d067694b66
SM_V9_ZSR       iris    exon    28766607        28766712        .
        -       .       Parent=Smp_094810.1;Name=d6b59647-df7a-4c5d-
bee4-80d75f65f03e
SM_V9_ZSR       iris    exon    28769973        28770185        .
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Parent=Smp_094810.1;Name=d3a208cc-83d9-4a34-9b9a-796a01d2e92e
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SM_V9_ZSR	iris	exon	28771458	28771573	.
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SM_V9_ZSR	iris	exon	28776472	28776542	.
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Parent=Smp_094810.1;Name=3037486c-7c66-4556-9c72-e661a82b4efe
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SM_V9_ZSR	iris	exon	28776717	28776786	.
	-	.	Parent=Smp_094810.1;Name=d6308071-2c26-4b81-
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SM_V9_ZSR	iris	CDS	28761500	28761568	.
	-	0	Parent=Smp_094810.1
SM_V9_ZSR	iris	CDS	28761922	28761988	.
	-	1	Parent=Smp_094810.1
SM_V9_ZSR	iris	CDS	28762830	28762905	.
	-	2	Parent=Smp_094810.1
SM_V9_ZSR	iris	CDS	28766607	28766712	.
	-	0	Parent=Smp_094810.1
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	-	2	Parent=Smp_094810.1
SM_V9_ZSR	iris	CDS	28773428	28773509	.
	-	0	Parent=Smp_094810.1
SM_V9_ZSR	iris	CDS	28776472	28776542	.
	-	2	Parent=Smp_094810.1
SM_V9_ZSR	iris	CDS	28776575	28776596	.
	-	0	Parent=Smp_094810.1
SM_V9_ZSR	iris	gene	28776849	28780545	.
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SM_V9_ZSR	iris	mRNA	28776849	28780545	.
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ID=Smp_350040.1;Parent=Smp_350040;geneID=Smp_350040;gene_name=Smp_35
0040;owner=irisadmin@local.host;orig_id=Smp_094810.1;date_last_modif
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SM_V9_ZSR	iris	exon	28776849	28776964	.
	-	.	Parent=Smp_350040.1;Name=Smp_350040.1-CDS
SM_V9_ZSR	iris	exon	28777005	28777102	.
	-	.
Parent=Smp_350040.1;Name=574c21ff-7c3e-4d22-86ac-58fd434e454d
SM_V9_ZSR	iris	exon	28777137	28777236	.
	-	.	Parent=Smp_350040.1;Name=1455d4b2-
d223-4e95-9119-fffa8bdf5572
SM_V9_ZSR	iris	exon	28777271	28777316	.
	-	.	Parent=Smp_350040.1;Name=47514533-
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SM_V9_ZSR	iris	exon	28780428	28780545	.
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SM_V9_ZSR       iris    CDS     28777005        28777102        .
        -       0       Parent=Smp_350040.1
SM_V9_ZSR       iris    CDS     28777137        28777236        .
        -       1       Parent=Smp_350040.1
SM_V9_ZSR       iris    CDS     28777271        28777316        .
        -       2       Parent=Smp_350040.1
SM_V9_ZSR       iris    CDS     28780428        28780470        .
        -       0       Parent=Smp_350040.1
SM_V9_ZSR       iris    gene    28787898        28796031        .
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ID=Smp_094820;geneID=Smp_094820;gene_name=Smp_094820;owner=irisadmin
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ied=2022-07-20;Name=Smp_094820.1;product=Vacuolar protein sorting-
associated protein VTA1 homolog;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    28787898        28788333        .
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        -       .       Parent=Smp_094820.1;Name=ae657c87-
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SM_V9_ZSR       iris    exon    28792119        28792194        .
        -       .       Parent=Smp_094820.1;Name=708dbc65-0887-4756-
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SM_V9_ZSR       iris    exon    28792228        28792450        .
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SM_V9_ZSR       iris    CDS     28788074        28788333        .
        -       2       Parent=Smp_094820.1
SM_V9_ZSR       iris    CDS     28791952        28792069        .
        -       0       Parent=Smp_094820.1
SM_V9_ZSR       iris    CDS     28792119        28792194        .
        -       1       Parent=Smp_094820.1
SM_V9_ZSR       iris    CDS     28792228        28792450        .
        -       2       Parent=Smp_094820.1
SM_V9_ZSR       iris    CDS     28792489        28792588        .
        -       0       Parent=Smp_094820.1
SM_V9_ZSR       iris    gene    28816147        28821963        .
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hydroxy-3-cyclohexene-1-carboxylate
synthase;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	28816147	28816540	.
	-	.	Parent=Smp_174060.1;Name=673a9196-a1d8-4b86-
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SM_V9_ZSR	iris	exon	28816751	28816876	.
	-	.	Parent=Smp_174060.1;Name=82988895-6237-4d9e-
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SM_V9_ZSR	iris	exon	28821028	28821963	.
	-	.
Parent=Smp_174060.1;Name=3846fae6-5f86-47e1-9154-dd3beb180837
SM_V9_ZSR	iris	CDS	28816406	28816540	.
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SM_V9_ZSR	iris	CDS	28816751	28816762	.
	-	0	Parent=Smp_174060.1
SM_V9_ZSR	Liftoff	gene	28836097	28891049	.
	+	.
ID=Smp_210860;geneID=Smp_210860;previous_systematic_id=Smp_170090
SM_V9_ZSR	Liftoff	mRNA	28836097	28891049	.
	+	.
ID=Smp_210860.1;Parent=Smp_210860;geneID=Smp_210860;product=dystrobr
evin;evidence=Traceable Author Statement;literature=PMID:17764661
PMID:17233888;polypeptide_domain=InterPro:IPR000433,IPR011992,IPR015
153,IPR015154 Pfam:PF00569,PF09068,PF09069;Ontology_term=GO:0008270
SM_V9_ZSR	Liftoff	exon	28836097	28839070	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28847651	28847731	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28861714	28862055	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28865040	28865191	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28865602	28865713	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28867144	28867313	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28869667	28870249	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28870873	28870954	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28874170	28874440	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28876680	28876750	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28880949	28881237	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28882508	28882744	.
	+	.	Parent=Smp_210860.1
SM_V9_ZSR	Liftoff	exon	28883973	28884151	.
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SM_V9_ZSR       Liftoff exon    28885476        28885620        .
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SM_V9_ZSR       Liftoff CDS     28838776        28839070        .
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SM_V9_ZSR       Liftoff CDS     28874170        28874440        .
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SM_V9_ZSR       Liftoff CDS     28876680        28876750        .
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SM_V9_ZSR       Liftoff CDS     28883973        28884151        .
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SM_V9_ZSR       Liftoff CDS     28887643        28888089        .
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SM_V9_ZSR       Liftoff gene    28920295        28937893        .
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SM_V9_ZSR       Liftoff mRNA    28920295        28937893        .
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ID=Smp_214290.1;Parent=Smp_214290;geneID=Smp_214290;product=mRNA
export factor MEX67
SM_V9_ZSR       Liftoff exon    28920295        28920719        .
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SM_V9_ZSR       Liftoff exon    28923131        28923342        .
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SM_V9_ZSR       Liftoff exon    28925159        28925353        .
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SM_V9_ZSR       Liftoff exon    28927168        28927357        .
        -       .       Parent=Smp_214290.1
SM_V9_ZSR       Liftoff exon    28929345        28929753        .
        -       .       Parent=Smp_214290.1
SM_V9_ZSR       Liftoff exon    28930497        28930680        .
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SM_V9_ZSR       Liftoff exon    28931286        28931408        .
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SM_V9_ZSR       Liftoff exon    28933320        28933416        .
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SM_V9_ZSR       Liftoff exon    28937132        28937373        .
        -       .       Parent=Smp_214290.1
SM_V9_ZSR       Liftoff exon    28937417        28937893        .
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SM_V9_ZSR       Liftoff CDS     28920596        28920719        .
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SM_V9_ZSR       Liftoff CDS     28923131        28923342        .
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SM_V9_ZSR       Liftoff CDS     28925159        28925353        .
        -       0       Parent=Smp_214290.1
SM_V9_ZSR       Liftoff CDS     28927168        28927357        .
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SM_V9_ZSR       Liftoff CDS     28929345        28929753        .
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SM_V9_ZSR       Liftoff CDS     28931286        28931408        .
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SM_V9_ZSR       Liftoff CDS     28933320        28933416        .
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SM_V9_ZSR       Liftoff CDS     28937132        28937373        .
        -       0       Parent=Smp_214290.1
SM_V9_ZSR       Liftoff CDS     28937417        28937800        .
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SM_V9_ZSR       iris    gene    28946247        28981775        .
        +       .
ID=Smp_305210;geneID=Smp_305210;gene_name=Smp_305210;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
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ID=Smp_305210.1;Parent=Smp_305210;geneID=Smp_305210;gene_name=Smp_30
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25;date_creation=2022-07-20
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d54e-46b7-8333-2faa5a89ea55
SM_V9_ZSR       iris    exon    28960136        28960270        .
        +       .       Parent=Smp_305210.1;Name=c7a91370-62e3-4f1e-
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SM_V9_ZSR       iris    exon    28960305        28960424        .
        +       .
Parent=Smp_305210.1;Name=67f9c102-2f4f-4931-8ff1-e1c15898911b
SM_V9_ZSR       iris    exon    28960462        28960833        .
        +       .
Parent=Smp_305210.1;Name=fc676a16-5903-4d99-85f2-c918f3cd4f03
SM_V9_ZSR       iris    exon    28960870        28960969        .
        +       .
Parent=Smp_305210.1;Name=bff32788-565c-44cd-8f21-5c1d0ce3ddd9
SM_V9_ZSR       iris    exon    28961009        28961102        .
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SM_V9_ZSR       iris    exon    28961140        28961232        .
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SM_V9_ZSR       iris    exon    28971128        28971233        .
        +       .       Parent=Smp_305210.1;Name=ef25f789-
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SM_V9_ZSR       iris    exon    28973139        28973255        .
        +       .
Parent=Smp_305210.1;Name=ced05e77-83d3-4320-9173-cf355d7cf028
SM_V9_ZSR       iris    exon    28974454        28974572        .
        +       .       Parent=Smp_305210.1;Name=3b99dd98-a0ce-481e-
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SM_V9_ZSR       iris    exon    28976189        28976377        .
        +       .       Parent=Smp_305210.1;Name=eeb1f6c6-43c2-4a41-
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SM_V9_ZSR       iris    exon    28979496        28979586        .
        +       .
Parent=Smp_305210.1;Name=61bbda4f-10c3-4ef8-9e36-b7abf6b152aa
SM_V9_ZSR       iris    exon    28980884        28980966        .
        +       .       Parent=Smp_305210.1;Name=d1baa0e9-04de-41c6-
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SM_V9_ZSR       iris    exon    28981166        28981775        .
        +       .       Parent=Smp_305210.1;Name=76c1919e-010b-4b95-
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SM_V9_ZSR       iris    CDS     28961140        28961232        .
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SM_V9_ZSR       iris    CDS     28971128        28971233        .
        +       1       Parent=Smp_305210.1
SM_V9_ZSR       iris    CDS     28973139        28973255        .
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SM_V9_ZSR       iris    CDS     28974454        28974572        .
        +       0       Parent=Smp_305210.1
SM_V9_ZSR       iris    CDS     28976189        28976377        .
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SM_V9_ZSR       iris    CDS     28979496        28979586        .
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SM_V9_ZSR       iris    CDS     28980884        28980966        .
        +       0       Parent=Smp_305210.1
SM_V9_ZSR       iris    CDS     28981166        28981448        .
        +       1       Parent=Smp_305210.1
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ID=Smp_088090;geneID=Smp_088090;gene_name=Smp_088090;owner=irisadmin
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ied=2022-08-14;Name=Smp_088090.1;product=Protein phosphatase 1
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        -       .       Parent=Smp_088090.1;Name=4ccd67f6-838f-4bd5-
b867-722b7684af89
SM_V9_ZSR       iris    exon    28992144        28992341        .
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a988-0251d52c3bd6
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Parent=Smp_088090.1;Name=667e1d1b-81a7-4f8b-875e-7aa40ff49013
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        -       0       Parent=Smp_088090.1
SM_V9_ZSR       iris    CDS     28995597        28995818        .
        -       0       Parent=Smp_088090.1
SM_V9_ZSR       iris    CDS     28998499        28998618        .
        -       0       Parent=Smp_088090.1
SM_V9_ZSR       iris    gene    29002037        29033231        .
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ID=Smp_244610;geneID=Smp_244610;gene_name=Smp_244610;owner=irisadmin
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ID=Smp_244610.1;Parent=Smp_244610;geneID=Smp_244610;gene_name=Smp_24
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ied=2022-07-20;Name=Smp_244610.1;product=Solute carrier family 13
member 3;date_creation=2022-07-20
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SM_V9_ZSR       iris    exon    29005121        29005345        .
        +       .       Parent=Smp_244610.1;Name=8820d136-3634-4ac7-
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SM_V9_ZSR       iris    exon    29006024        29006173        .
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SM_V9_ZSR       iris    exon    29006543        29006658        .
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SM_V9_ZSR       iris    exon    29008259        29008377        .
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Parent=Smp_244610.1;Name=6309a655-45a4-488e-8046-0dc0c4bf6abb
SM_V9_ZSR       iris    exon    29010295        29010325        .
        +       .       Parent=Smp_244610.1;Name=a274bac0-f610-41ea-
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a735-6bca94e038a2
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        +       .       Parent=Smp_244610.1;Name=5699dea7-5d3f-4bed-
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        +       .       Parent=Smp_244610.1;Name=0bdd0d9a-f757-4705-
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SM_V9_ZSR       iris    exon    29017507        29017596        .
        +       .       Parent=Smp_244610.1;Name=bcad3e93-
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SM_V9_ZSR       iris    exon    29020087        29020206        .
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SM_V9_ZSR       iris    exon    29028448        29028612        .
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SM_V9_ZSR       iris    exon    29031480        29031617        .
        +       .       Parent=Smp_244610.1;Name=474b130e-9f84-482a-
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SM_V9_ZSR       iris    CDS     29005226        29005345        .
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SM_V9_ZSR       iris    CDS     29006024        29006173        .
        +       0       Parent=Smp_244610.1
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SM_V9_ZSR       iris    CDS     29010295        29010325        .
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        +       1       Parent=Smp_244610.1
SM_V9_ZSR       iris    CDS     29028075        29028190        .
        +       2       Parent=Smp_244610.1
SM_V9_ZSR       iris    CDS     29028448        29028612        .
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SM_V9_ZSR       iris    CDS     29031480        29031617        .
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SM_V9_ZSR	Liftoff	mRNA	29046387	29103960	.
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ID=Smp_244620.2;Parent=Smp_244620;geneID=Smp_244620;product=NAD(P)H-
quinone oxidoreductase chain 4, chloroplastic
SM_V9_ZSR	Liftoff	exon	29046387	29046542	.
	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29046587	29046670	.
	+	.	Parent=Smp_244620.2
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SM_V9_ZSR	Liftoff	exon	29047010	29047083	.
	+	.	Parent=Smp_244620.2
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	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29049355	29049452	.
	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29056768	29056845	.
	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29059479	29059662	.
	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29065446	29065477	.
	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29066319	29066412	.
	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29066908	29067095	.
	+	.	Parent=Smp_244620.2
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	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29074344	29074630	.
	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29076178	29076290	.
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	+	.	Parent=Smp_244620.2
SM_V9_ZSR	Liftoff	exon	29083629	29083704	.
	+	.	Parent=Smp_244620.2
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SM_V9_ZSR       Liftoff exon    29089760        29090293        .
        +       .       Parent=Smp_244620.2
SM_V9_ZSR       Liftoff exon    29096333        29097293        .
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SM_V9_ZSR       Liftoff exon    29102185        29103960        .
        +       .       Parent=Smp_244620.2
SM_V9_ZSR       Liftoff CDS     29046462        29046542        .
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SM_V9_ZSR       Liftoff CDS     29046587        29046670        .
        +       0       Parent=Smp_244620.2
SM_V9_ZSR       Liftoff CDS     29046702        29046782        .
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SM_V9_ZSR       Liftoff CDS     29046822        29046978        .
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SM_V9_ZSR       Liftoff CDS     29047010        29047083        .
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SM_V9_ZSR       Liftoff CDS     29047119        29047236        .
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SM_V9_ZSR       Liftoff CDS     29056768        29056845        .
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SM_V9_ZSR       Liftoff CDS     29065446        29065477        .
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SM_V9_ZSR       Liftoff CDS     29066319        29066412        .
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SM_V9_ZSR       Liftoff CDS     29066908        29067095        .
        +       2       Parent=Smp_244620.2
SM_V9_ZSR       Liftoff CDS     29068299        29068403        .
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SM_V9_ZSR       Liftoff CDS     29073438        29073777        .
        +       0       Parent=Smp_244620.2
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SM_V9_ZSR       Liftoff CDS     29076178        29076290        .
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SM_V9_ZSR       Liftoff CDS     29082442        29082561        .
        +       1       Parent=Smp_244620.2
SM_V9_ZSR       Liftoff CDS     29083629        29083704        .
        +       1       Parent=Smp_244620.2
SM_V9_ZSR       Liftoff CDS     29084817        29084949        .
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SM_V9_ZSR       Liftoff CDS     29086087        29086172        .
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SM_V9_ZSR       Liftoff CDS     29089760        29090293        .
        +       1       Parent=Smp_244620.2
SM_V9_ZSR       Liftoff CDS     29096333        29097293        .
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SM_V9_ZSR       Liftoff CDS     29102185        29102703        .
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SM_V9_ZSR       Liftoff mRNA    29046391        29097934        .
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quinone oxidoreductase chain 4, chloroplastic
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SM_V9_ZSR       Liftoff exon    29046587        29046670        .
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SM_V9_ZSR       Liftoff exon    29046702        29046782        .
        +       .       Parent=Smp_244620.1
SM_V9_ZSR       Liftoff exon    29046822        29046978        .
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SM_V9_ZSR       Liftoff exon    29047010        29047083        .
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SM_V9_ZSR       Liftoff exon    29047119        29047236        .
        +       .       Parent=Smp_244620.1
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SM_V9_ZSR       Liftoff exon    29056768        29056845        .
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SM_V9_ZSR       Liftoff exon    29059479        29059662        .
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SM_V9_ZSR       Liftoff exon    29065446        29065477        .
        +       .       Parent=Smp_244620.1
SM_V9_ZSR       Liftoff exon    29066319        29066412        .
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SM_V9_ZSR       Liftoff exon    29069730        29070182        .
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SM_V9_ZSR       Liftoff exon    29072284        29072373        .
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SM_V9_ZSR       Liftoff exon    29073438        29073777        .
        +       .       Parent=Smp_244620.1
SM_V9_ZSR       Liftoff exon    29074344        29074630        .
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SM_V9_ZSR       Liftoff exon    29076178        29076290        .
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SM_V9_ZSR       Liftoff exon    29082442        29082561        .
        +       .       Parent=Smp_244620.1
SM_V9_ZSR       Liftoff exon    29083629        29083704        .
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SM_V9_ZSR       Liftoff exon    29084817        29084949        .
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SM_V9_ZSR       Liftoff exon    29086087        29086172        .
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SM_V9_ZSR       Liftoff exon    29087559        29088106        .
        +       .       Parent=Smp_244620.1
SM_V9_ZSR       Liftoff exon    29089760        29090293        .
        +       .       Parent=Smp_244620.1
SM_V9_ZSR       Liftoff exon    29096333        29097293        .
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SM_V9_ZSR       Liftoff exon    29097470        29097934        .
        +       .       Parent=Smp_244620.1
SM_V9_ZSR       Liftoff CDS     29046462        29046542        .
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SM_V9_ZSR       Liftoff CDS     29046587        29046670        .
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SM_V9_ZSR       Liftoff CDS     29046822        29046978        .
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SM_V9_ZSR       Liftoff CDS     29047010        29047083        .
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SM_V9_ZSR       Liftoff CDS     29056768        29056845        .
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SM_V9_ZSR       Liftoff CDS     29059479        29059662        .
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SM_V9_ZSR       Liftoff CDS     29066319        29066412        .
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SM_V9_ZSR       Liftoff CDS     29066908        29067095        .
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SM_V9_ZSR       Liftoff CDS     29068299        29068403        .
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SM_V9_ZSR       Liftoff CDS     29069730        29070182        .
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SM_V9_ZSR       Liftoff CDS     29071282        29071419        .
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SM_V9_ZSR       Liftoff CDS     29073438        29073777        .
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SM_V9_ZSR       Liftoff CDS     29074344        29074630        .
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SM_V9_ZSR       Liftoff CDS     29076178        29076290        .
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SM_V9_ZSR       Liftoff CDS     29082442        29082561        .
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SM_V9_ZSR       Liftoff CDS     29083629        29083704        .
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SM_V9_ZSR       Liftoff CDS     29084817        29084949        .
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SM_V9_ZSR       Liftoff CDS     29086087        29086172        .
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SM_V9_ZSR       Liftoff CDS     29087559        29088106        .
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SM_V9_ZSR       Liftoff CDS     29089760        29090293        .
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SM_V9_ZSR       Liftoff CDS     29096333        29097293        .
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SM_V9_ZSR       Liftoff CDS     29097470        29097496        .
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SM_V9_ZSR       Liftoff gene    29126207        29182627        .
        -       .
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p_170070
SM_V9_ZSR       Liftoff mRNA    29126207        29182527        .
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ID=Smp_244630.1;Parent=Smp_244630;geneID=Smp_244630;product=Innexin
unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
SM_V9_ZSR       Liftoff exon    29126207        29128398        .
        -       .       Parent=Smp_244630.1
SM_V9_ZSR       Liftoff exon    29158786        29182527        .
        -       .       Parent=Smp_244630.1
SM_V9_ZSR       Liftoff CDS     29126977        29128398        .
        -       0       Parent=Smp_244630.1
SM_V9_ZSR       Liftoff CDS     29158786        29158839        .
        -       0       Parent=Smp_244630.1
SM_V9_ZSR       Liftoff mRNA    29126207        29182627        .
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unc-9;polypeptide_domain=InterPro:IPR000990
Pfam:PF00876;Ontology_term=GO:0005921
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SM_V9_ZSR       Liftoff exon    29181820        29182627        .
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SM_V9_ZSR       Liftoff CDS     29126977        29128398        .
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SM_V9_ZSR       Liftoff CDS     29181820        29182227        .
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SM_V9_ZSR       Liftoff gene    29231224        29235197        .
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SM_V9_ZSR       Liftoff mRNA    29231224        29235197        .
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and flagella-associated protein
20;polypeptide_domain=InterPro:IPR007714 Pfam:PF05018
SM_V9_ZSR       Liftoff exon    29231224        29231481        .
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SM_V9_ZSR       Liftoff exon    29234487        29234675        .
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        -       .       Parent=Smp_335720.1
SM_V9_ZSR       Liftoff exon    29234863        29234942        .
        -       .       Parent=Smp_335720.1
SM_V9_ZSR       Liftoff exon    29234980        29235197        .
        -       .       Parent=Smp_335720.1
SM_V9_ZSR       Liftoff CDS     29231362        29231481        .
        -       0       Parent=Smp_335720.1
SM_V9_ZSR       Liftoff CDS     29234487        29234675        .
        -       0       Parent=Smp_335720.1
SM_V9_ZSR       Liftoff CDS     29234716        29234827        .
        -       1       Parent=Smp_335720.1
SM_V9_ZSR       Liftoff CDS     29234863        29234942        .
        -       0       Parent=Smp_335720.1
SM_V9_ZSR       Liftoff CDS     29234980        29235063        .
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SM_V9_ZSR       iris    gene    29243141        29269867        .
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ID=Smp_170060;geneID=Smp_170060;gene_name=Smp_170060;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    29243141        29269867        .
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ID=Smp_170060.1;Parent=Smp_170060;geneID=Smp_170060;gene_name=Smp_17
0060;owner=irisadmin@local.host;orig_id=Smp_170060.1;date_last_modif
ied=2022-07-23;Name=Smp_170060.1;product=Negative elongation factor
D;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    29243141        29243187        .
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Parent=Smp_170060.1;Name=928eaf44-0d54-4560-8603-349e5423346c
SM_V9_ZSR       iris    exon    29244861        29244942        .
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Parent=Smp_170060.1;Name=f32f2b21-9142-4732-8c5b-9e9d91045958
SM_V9_ZSR       iris    exon    29244981        29245096        .
        +       .       Parent=Smp_170060.1;Name=28f03097-
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SM_V9_ZSR       iris    exon    29245136        29245248        .
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SM_V9_ZSR       iris    exon    29245289        29245777        .
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Parent=Smp_170060.1;Name=977e7c1b-6cc0-4df8-806d-42eb940e577d
SM_V9_ZSR       iris    exon    29249969        29250096        .
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SM_V9_ZSR       iris    exon    29252529        29252649        .
        +       .       Parent=Smp_170060.1;Name=afd33dc1-
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SM_V9_ZSR       iris    exon    29254273        29254339        .
        +       .
Parent=Smp_170060.1;Name=7eed1c77-7c01-479c-8b60-de552270a8c3
SM_V9_ZSR       iris    exon    29256180        29256379        .
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SM_V9_ZSR	iris	exon	29263845	29264132	.
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Parent=Smp_170060.1;Name=e91a198a-2284-48d2-8113-8621312fa84c
SM_V9_ZSR	iris	exon	29265200	29265340	.
	+	.	Parent=Smp_170060.1;Name=77c514e3-4c17-4369-
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SM_V9_ZSR	iris	exon	29269546	29269675	.
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Parent=Smp_170060.1;Name=74a8e001-5e99-43d9-8c51-31987189c103
SM_V9_ZSR	iris	exon	29269759	29269867	.
	+	.	Parent=Smp_170060.1;Name=5ffe473d-f362-4954-
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SM_V9_ZSR	iris	CDS	29244863	29244942	.
	+	0	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29244981	29245096	.
	+	1	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29245136	29245248	.
	+	2	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29245289	29245777	.
	+	0	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29249969	29250096	.
	+	0	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29252529	29252649	.
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SM_V9_ZSR	iris	CDS	29254273	29254339	.
	+	0	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29256180	29256379	.
	+	2	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29263845	29264132	.
	+	0	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29265200	29265340	.
	+	0	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29269546	29269675	.
	+	0	Parent=Smp_170060.1
SM_V9_ZSR	iris	CDS	29269759	29269799	.
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SM_V9_ZSR	iris	gene	29270201	29286757	.
	-	.
ID=Smp_305220;geneID=Smp_305220;gene_name=Smp_305220;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	29270201	29286757	.
	-	.
ID=Smp_305220.1;Parent=Smp_305220;geneID=Smp_305220;gene_name=Smp_30
5220;owner=irisadmin@local.host;orig_id=Smp_305220.1;date_last_modif
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melted;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	29270201	29270777	.
	-	.	Parent=Smp_305220.1;Name=ae55d708-ad48-46f3-
b59c-020af9869068
SM_V9_ZSR	iris	exon	29272343	29272750	.
	-	.
Parent=Smp_305220.1;Name=55890f29-0a6b-4cd8-8897-0df6264a2f2a
SM_V9_ZSR	iris	exon	29274201	29274650	.
	-	.	Parent=Smp_305220.1;Name=33380b56-
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c64e-43cc-8b89-fe79011a578e
SM_V9_ZSR       iris    exon    29275452        29276092        .
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a05d-1357b985be22
SM_V9_ZSR       iris    exon    29276132        29276470        .
        -       .       Parent=Smp_305220.1;Name=ce01e20f-
ae0a-40f1-93ab-f70bd8e44955
SM_V9_ZSR       iris    exon    29286708        29286757        .
        -       .       Parent=Smp_305220.1;Name=f972589f-4819-4a9c-
a1fa-e282976703e5
SM_V9_ZSR       iris    CDS     29270511        29270777        .
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SM_V9_ZSR       iris    CDS     29272343        29272750        .
        -       0       Parent=Smp_305220.1
SM_V9_ZSR       iris    CDS     29274201        29274650        .
        -       0       Parent=Smp_305220.1
SM_V9_ZSR       iris    CDS     29275452        29276092        .
        -       2       Parent=Smp_305220.1
SM_V9_ZSR       iris    CDS     29276132        29276426        .
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SM_V9_ZSR       Liftoff gene    29297251        29298637        .
        +       .       ID=Smp_170030;geneID=Smp_170030
SM_V9_ZSR       Liftoff mRNA    29297251        29298637        .
        +       .
ID=Smp_170030.1;Parent=Smp_170030;geneID=Smp_170030;product=SH3
domain-binding glutamic acid-rich-like protein
2;polypeptide_domain=InterPro:IPR002109,IPR006993,IPR012336
Pfam:PF04908;Ontology_term=GO:0009055,GO:0015035,GO:0045454
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SM_V9_ZSR       Liftoff exon    29297377        29297556        .
        +       .       Parent=Smp_170030.1
SM_V9_ZSR       Liftoff exon    29297588        29297662        .
        +       .       Parent=Smp_170030.1
SM_V9_ZSR       Liftoff exon    29297700        29297738        .
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SM_V9_ZSR       Liftoff exon    29297855        29297890        .
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SM_V9_ZSR       Liftoff exon    29297927        29298637        .
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SM_V9_ZSR       Liftoff CDS     29297297        29297341        .
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SM_V9_ZSR       Liftoff CDS     29297377        29297556        .
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SM_V9_ZSR       Liftoff CDS     29297588        29297662        .
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SM_V9_ZSR       Liftoff CDS     29297700        29297738        .
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SM_V9_ZSR       Liftoff CDS     29297855        29297890        .
        +       0       Parent=Smp_170030.1
SM_V9_ZSR       Liftoff CDS     29297927        29298559        .
        +       0       Parent=Smp_170030.1
SM_V9_ZSR       iris    gene    29340079        29348982        .
        -       .
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ID=Smp_170020;geneID=Smp_170020;gene_name=Smp_170020;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    29340079        29348982        .
        -       .
ID=Smp_170020.1;Parent=Smp_170020;geneID=Smp_170020;gene_name=Smp_17
0020;owner=irisadmin@local.host;orig_id=Smp_170020.3;date_last_modif
ied=2022-07-20;Name=Smp_170020.1;product=Neuropeptide FF receptor
2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    29340079        29340469        .
        -       .       Parent=Smp_170020.1;Name=0dc8bdf2-7da5-4b22-
bf00-667c74d62c0d
SM_V9_ZSR       iris    exon    29341849        29342058        .
        -       .       Parent=Smp_170020.1;Name=725cd6bd-d0fd-403a-
b180-1bf39af58cea
SM_V9_ZSR       iris    exon    29347722        29348982        .
        -       .       Parent=Smp_170020.1;Name=be09078e-6ad2-43e3-
b0c2-7aa824b5d3ec
SM_V9_ZSR       iris    CDS     29340401        29340469        .
        -       0       Parent=Smp_170020.1
SM_V9_ZSR       iris    CDS     29341849        29342058        .
        -       0       Parent=Smp_170020.1
SM_V9_ZSR       iris    CDS     29347722        29348819        .
        -       0       Parent=Smp_170020.1
SM_V9_ZSR       iris    gene    29366464        29384185        .
        -       .
ID=Smp_173900;geneID=Smp_173900;gene_name=Smp_173900;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    29366464        29384185        .
        -       .
ID=Smp_173900.1;Parent=Smp_173900;geneID=Smp_173900;gene_name=Smp_17
3900;owner=irisadmin@local.host;orig_id=Smp_173900.2;date_last_modif
ied=2022-07-20;Name=Smp_173900.1;product=[Pyruvate dehydrogenase
[acetyl-transferring]]-phosphatase 2,
mitochondrial;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    29366464        29367950        .
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Parent=Smp_173900.1;Name=8f7cced2-984d-4911-8591-ee23198689b5
SM_V9_ZSR       iris    exon    29368534        29368817        .
        -       .
Parent=Smp_173900.1;Name=039eab14-0d3a-4a85-8ba0-65ff8a0768a9
SM_V9_ZSR       iris    exon    29372715        29372952        .
        -       .       Parent=Smp_173900.1;Name=a198fece-ce04-4c0a-
add2-60bb05285d77
SM_V9_ZSR       iris    exon    29376167        29376387        .
        -       .
Parent=Smp_173900.1;Name=0166345f-5884-43c5-922e-f80bf3ed2e44
SM_V9_ZSR       iris    exon    29376427        29376576        .
        -       .       Parent=Smp_173900.1;Name=a372348d-287a-403e-
b670-36acbc0f6545
SM_V9_ZSR       iris    exon    29378125        29378665        .
        -       .
Parent=Smp_173900.1;Name=e7a766ed-1816-4b55-870e-e45fda9fbfaf
SM_V9_ZSR       iris    exon    29379339        29379560        .
        -       .
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Parent=Smp_173900.1;Name=d1f4e7bb-7cb5-444f-962b-943e4d5e0ff6
SM_V9_ZSR       iris    exon    29383218        29383417        .
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Parent=Smp_173900.1;Name=ea154c2e-22e3-47ba-9d7f-f2e75384274d
SM_V9_ZSR       iris    exon    29383463        29383647        .
        -       .       Parent=Smp_173900.1;Name=dad2ea98-32de-4732-
a8d3-ac5b58cf219c
SM_V9_ZSR       iris    exon    29384135        29384185        .
        -       .       Parent=Smp_173900.1;Name=3f9893e5-3366-4646-
a256-156c44901e4a
SM_V9_ZSR       iris    CDS     29367762        29367950        .
        -       0       Parent=Smp_173900.1
SM_V9_ZSR       iris    CDS     29368534        29368817        .
        -       2       Parent=Smp_173900.1
SM_V9_ZSR       iris    CDS     29372715        29372952        .
        -       0       Parent=Smp_173900.1
SM_V9_ZSR       iris    CDS     29376167        29376387        .
        -       2       Parent=Smp_173900.1
SM_V9_ZSR       iris    CDS     29376427        29376576        .
        -       2       Parent=Smp_173900.1
SM_V9_ZSR       iris    CDS     29378125        29378665        .
        -       0       Parent=Smp_173900.1
SM_V9_ZSR       iris    CDS     29379339        29379560        .
        -       0       Parent=Smp_173900.1
SM_V9_ZSR       iris    CDS     29383218        29383226        .
        -       0       Parent=Smp_173900.1
SM_V9_ZSR       Liftoff gene    29399609        29405499        .
        +       .       ID=Smp_173910;geneID=Smp_173910
SM_V9_ZSR       Liftoff mRNA    29399609        29405499        .
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ID=Smp_173910.1;Parent=Smp_173910;geneID=Smp_173910;product=NudC
domain-containing protein
2;polypeptide_domain=InterPro:IPR007052,IPR008978 Pfam:PF04969
SM_V9_ZSR       Liftoff exon    29399609        29399730        .
        +       .       Parent=Smp_173910.1
SM_V9_ZSR       Liftoff exon    29401838        29402073        .
        +       .       Parent=Smp_173910.1
SM_V9_ZSR       Liftoff exon    29405270        29405499        .
        +       .       Parent=Smp_173910.1
SM_V9_ZSR       Liftoff CDS     29399649        29399730        .
        +       0       Parent=Smp_173910.1
SM_V9_ZSR       Liftoff CDS     29401838        29402073        .
        +       2       Parent=Smp_173910.1
SM_V9_ZSR       Liftoff CDS     29405270        29405476        .
        +       0       Parent=Smp_173910.1
SM_V9_ZSR       Liftoff gene    29405527        29406655        .
        +       .       ID=Smp_094470;geneID=Smp_094470
SM_V9_ZSR       Liftoff mRNA    29405527        29406655        .
        +       .
ID=Smp_094470.1;Parent=Smp_094470;geneID=Smp_094470;product=G patch
domain and ankyrin repeat-containing protein 1
homolog;polypeptide_domain=InterPro:IPR000467;Ontology_term=GO:00036
76
SM_V9_ZSR       Liftoff exon    29405527        29406655        .
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        +       .       Parent=Smp_094470.1
SM_V9_ZSR       Liftoff CDS     29405564        29406361        .
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SM_V9_ZSR       iris    gene    29419181        29421266        .
        +       .
ID=Smp_094480;geneID=Smp_094480;gene_name=Smp_094480;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    29419181        29421266        .
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ID=Smp_094480.1;Parent=Smp_094480;geneID=Smp_094480;gene_name=Smp_09
4480;owner=irisadmin@local.host;orig_id=Smp_094480.1;date_last_modif
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protein subunit beta;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    29419181        29421266        .
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Parent=Smp_094480.1;Name=25de9459-6303-4a2d-80a5-2f76e3290e8a
SM_V9_ZSR       iris    CDS     29419366        29420496        .
        +       0       Parent=Smp_094480.1
SM_V9_ZSR       Liftoff gene    29452961        29462672        .
        +       .
ID=Smp_244640;geneID=Smp_244640;previous_systematic_id=Smp_094500
SM_V9_ZSR       Liftoff mRNA    29452961        29462672        .
        +       .
ID=Smp_244640.1;Parent=Smp_244640;geneID=Smp_244640;product=Phosphor
ylated carbohydrates phosphatase
TM_1254;polypeptide_domain=InterPro:IPR023214 Pfam:PF13419
SM_V9_ZSR       Liftoff exon    29452961        29453547        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff exon    29453594        29453679        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff exon    29453718        29453945        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff exon    29454751        29454938        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff exon    29455453        29455799        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff exon    29459172        29459361        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff exon    29461084        29461329        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff exon    29462201        29462672        .
        +       .       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff CDS     29453273        29453547        .
        +       0       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff CDS     29453594        29453679        .
        +       1       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff CDS     29453718        29453945        .
        +       2       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff CDS     29454751        29454938        .
        +       2       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff CDS     29455453        29455799        .
        +       0       Parent=Smp_244640.1
SM_V9_ZSR       Liftoff CDS     29459172        29459361        .
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SM_V9_ZSR	Liftoff	CDS	29461084	29461329	.
	+	0	Parent=Smp_244640.1
SM_V9_ZSR	Liftoff	CDS	29462201	29462383	.
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ID=Smp_244650;geneID=Smp_244650;gene_name=Smp_244650;owner=irisadmin
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ID=Smp_244650.1;Parent=Smp_244650;geneID=Smp_244650;gene_name=Smp_24
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ied=2022-08-03;Name=Smp_244650.1;product=Choline dehydrogenase,
mitochondrial;date_creation=2022-08-03
SM_V9_ZSR	iris	exon	29463556	29463934	.
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Parent=Smp_244650.1;Name=333222b5-7c42-431c-8d9d-e6e41ee0c5e4
SM_V9_ZSR	iris	exon	29469006	29469169	.
	+	.
Parent=Smp_244650.1;Name=ec8fe26a-5933-4082-8534-c82c3893b431
SM_V9_ZSR	iris	exon	29469944	29470140	.
	+	.	Parent=Smp_244650.1;Name=a46fec5a-c346-42d2-
aafa-b037065ca126
SM_V9_ZSR	iris	exon	29471498	29471689	.
	+	.
Parent=Smp_244650.1;Name=7123adee-425a-4101-8da2-e1396929ae90
SM_V9_ZSR	iris	exon	29472597	29472785	.
	+	.	Parent=Smp_244650.1;Name=49407e62-382c-49b3-
b3b2-90c03722d61d
SM_V9_ZSR	iris	exon	29474133	29474357	.
	+	.
Parent=Smp_244650.1;Name=0499f20b-5613-45c0-93aa-609d3494a6a9
SM_V9_ZSR	iris	exon	29477284	29478285	.
	+	.	Parent=Smp_244650.1;Name=e6d4401d-
fe93-475d-95eb-4291867c26a7
SM_V9_ZSR	iris	CDS	29463579	29463934	.
	+	0	Parent=Smp_244650.1
SM_V9_ZSR	iris	CDS	29469006	29469169	.
	+	1	Parent=Smp_244650.1
SM_V9_ZSR	iris	CDS	29469944	29470140	.
	+	2	Parent=Smp_244650.1
SM_V9_ZSR	iris	CDS	29471498	29471689	.
	+	0	Parent=Smp_244650.1
SM_V9_ZSR	iris	CDS	29472597	29472785	.
	+	0	Parent=Smp_244650.1
SM_V9_ZSR	iris	CDS	29474133	29474357	.
	+	0	Parent=Smp_244650.1
SM_V9_ZSR	iris	CDS	29477284	29477919	.
	+	0	Parent=Smp_244650.1
SM_V9_ZSR	iris	gene	29550245	29577841	.
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ID=Smp_172810;geneID=Smp_172810;gene_name=Smp_172810;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	29550245	29577841	.
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22-07-20
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SM_V9_ZSR       iris    exon    29574942        29577841        .
        +       .
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SM_V9_ZSR       iris    CDS     29574988        29577255        .
        +       0       Parent=Smp_172810.1
SM_V9_ZSR       iris    gene    29638925        29676944        .
        -       .
ID=Smp_244680;geneID=Smp_244680;gene_name=Smp_244680;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_ZSR       iris    mRNA    29638925        29676944        .
        -       .
ID=Smp_244680.1;Parent=Smp_244680;geneID=Smp_244680;gene_name=Smp_24
4680;owner=irisadmin@local.host;orig_id=Smp_244680.1;date_last_modif
ied=2022-08-21;Name=Smp_244680.1;product=Protein VAC14
homolog;date_creation=2022-08-21
SM_V9_ZSR       iris    exon    29638925        29639282        .
        -       .       Parent=Smp_244680.1;Name=6b73ac10-915c-4583-
b57c-09dafd7fc3c6
SM_V9_ZSR       iris    exon    29641132        29641465        .
        -       .       Parent=Smp_244680.1;Name=6cc82e24-2777-4fee-
ae92-49aad87d3a51
SM_V9_ZSR       iris    exon    29642199        29642355        .
        -       .
Parent=Smp_244680.1;Name=d50d78c1-0588-44b5-88eb-4a13ed84ec42
SM_V9_ZSR       iris    exon    29643939        29644018        .
        -       .       Parent=Smp_244680.1;Name=2ea3aaaf-5f62-44be-
ba7c-985174517f83
SM_V9_ZSR       iris    exon    29645048        29645166        .
        -       .       Parent=Smp_244680.1;Name=06c940b5-9642-48ea-
b518-f7e0be0390e1
SM_V9_ZSR       iris    exon    29646460        29646634        .
        -       .       Parent=Smp_244680.1;Name=7836ddc5-
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SM_V9_ZSR       iris    exon    29650534        29650844        .
        -       .       Parent=Smp_244680.1;Name=4e939b75-77af-4892-
a0f6-c9ec0d8bdee4
SM_V9_ZSR       iris    exon    29650944        29651220        .
        -       .
Parent=Smp_244680.1;Name=36866253-4f80-4c04-867d-2ba82b988867
SM_V9_ZSR       iris    exon    29653831        29654002        .
        -       .
Parent=Smp_244680.1;Name=58707388-9208-4a7f-8273-7d37b6937cec
SM_V9_ZSR       iris    exon    29655134        29655457        .
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Parent=Smp_244680.1;Name=4dd54309-0aa9-40fe-8271-1051780cf312
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        -       .       Parent=Smp_244680.1;Name=2175bbcb-c664-4d0b-
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SM_V9_ZSR       iris    exon    29669853        29669962        .
        -       .       Parent=Smp_244680.1;Name=bdf39e23-
ab05-465f-942b-2bc4530115a1
SM_V9_ZSR       iris    exon    29672004        29672174        .
        -       .       Parent=Smp_244680.1;Name=bf9c4575-4c16-45c0-
a696-fa3ececf0cb7
SM_V9_ZSR       iris    exon    29674956        29675123        .
        -       .       Parent=Smp_244680.1;Name=a4639fd8-dad1-4b15-
a123-40ed7acbb3d7
SM_V9_ZSR       iris    exon    29675165        29675315        .
        -       .       Parent=Smp_244680.1;Name=9f19f34f-5569-4029-
aeb4-b7d2f4deba95
SM_V9_ZSR       iris    exon    29675349        29675457        .
        -       .
Parent=Smp_244680.1;Name=b6cc93d6-3f73-4ef3-9c07-0f0506424bc2
SM_V9_ZSR       iris    exon    29676915        29676944        .
        -       .       Parent=Smp_244680.1;Name=3b6146ca-1b48-4043-
bdc5-4229e38ec9ef
SM_V9_ZSR       iris    CDS     29639223        29639282        .
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SM_V9_ZSR       iris    CDS     29641132        29641465        .
        -       1       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29642199        29642355        .
        -       2       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29643939        29644018        .
        -       1       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29645048        29645166        .
        -       0       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29646460        29646634        .
        -       1       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29650534        29650844        .
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SM_V9_ZSR       iris    CDS     29650944        29651220        .
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SM_V9_ZSR       iris    CDS     29653831        29654002        .
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SM_V9_ZSR       iris    CDS     29655134        29655457        .
        -       2       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29666762        29666874        .
        -       1       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29669853        29669962        .
        -       0       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29672004        29672174        .
        -       0       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29674956        29675123        .
        -       0       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29675165        29675315        .
        -       1       Parent=Smp_244680.1
SM_V9_ZSR       iris    CDS     29675349        29675446        .
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4680;owner=irisadmin@local.host;date_last_modified=2022-08-21;Name=S
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SM_V9_ZSR       iris    exon    29638925        29639282        .
        -       .       Parent=Smp_244680.2;Name=cf94ecd6-
b4ca-4f2a-865f-c75b625e8dcc
SM_V9_ZSR       iris    exon    29641132        29641465        .
        -       .       Parent=Smp_244680.2;Name=6b534bce-d8cf-4797-
acd7-c4e8c174811d
SM_V9_ZSR       iris    exon    29642199        29642355        .
        -       .
Parent=Smp_244680.2;Name=508f2159-4600-4bdf-8e10-043988bebd49
SM_V9_ZSR       iris    exon    29643939        29644018        .
        -       .       Parent=Smp_244680.2;Name=88dfed8d-c4fa-415f-
a7e7-71af7fcbedc9
SM_V9_ZSR       iris    exon    29645048        29645166        .
        -       .
Parent=Smp_244680.2;Name=8661773d-654f-42e6-8152-e5563873d3a7
SM_V9_ZSR       iris    exon    29646460        29646634        .
        -       .
Parent=Smp_244680.2;Name=be2c685f-0b70-472b-9ab8-5e4ded23362d
SM_V9_ZSR       iris    exon    29650534        29650844        .
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SM_V9_ZSR       iris    exon    29650944        29651220        .
        -       .       Parent=Smp_244680.2;Name=ca254a27-9977-4ee8-
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SM_V9_ZSR       iris    exon    29653831        29654002        .
        -       .       Parent=Smp_244680.2;Name=1b3831b6-0a7b-4cc8-
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SM_V9_ZSR       iris    exon    29655134        29655457        .
        -       .
Parent=Smp_244680.2;Name=bb6bfe7d-49f2-4d94-8568-3df16b798624
SM_V9_ZSR       iris    exon    29666762        29666874        .
        -       .
Parent=Smp_244680.2;Name=0630d915-00ef-4b2e-994c-fc052dd2e83f
SM_V9_ZSR       iris    exon    29669853        29669962        .
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Parent=Smp_244680.2;Name=8b73d7a1-5a27-4df8-8c56-ba7116a6b3ee
SM_V9_ZSR       iris    exon    29672004        29672174        .
        -       .       Parent=Smp_244680.2;Name=726d2881-f586-4972-
bcfb-3ffb7ac25fdf
SM_V9_ZSR       iris    exon    29674956        29675123        .
        -       .
Parent=Smp_244680.2;Name=ed685a97-2db8-4f1a-863c-f245d251aa18
SM_V9_ZSR       iris    exon    29675165        29675315        .
        -       .       Parent=Smp_244680.2;Name=c5e09f1c-cb74-4e9a-
b3d6-216ad2a54d69
SM_V9_ZSR       iris    exon    29675349        29675457        .
        -       .       Parent=Smp_244680.2;Name=1faef0cc-2639-4a7e-
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SM_V9_ZSR	iris	exon	29676915	29676944	.
	-	.	Parent=Smp_244680.2;Name=8f2ce173-686c-4706-
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SM_V9_ZSR	iris	CDS	29639223	29639282	.
	-	0	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29641132	29641465	.
	-	1	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29642199	29642355	.
	-	2	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29643939	29644018	.
	-	1	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29645048	29645166	.
	-	0	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29646460	29646634	.
	-	1	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29650534	29650844	.
	-	0	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29650944	29651220	.
	-	1	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29653831	29654002	.
	-	2	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29655134	29655457	.
	-	2	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29666762	29666874	.
	-	1	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29669853	29669962	.
	-	0	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29672004	29672174	.
	-	0	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29674956	29675123	.
	-	0	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29675165	29675315	.
	-	1	Parent=Smp_244680.2
SM_V9_ZSR	iris	CDS	29675349	29675446	.
	-	0	Parent=Smp_244680.2
SM_V9_ZSR	iris	gene	29695407	29720902	.
	-	.
ID=Smp_244690;geneID=Smp_244690;gene_name=Smp_244690;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	29695407	29720902	.
	-	.
ID=Smp_244690.1;Parent=Smp_244690;geneID=Smp_244690;gene_name=Smp_24
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ied=2022-07-20;Name=Smp_244690.1;product=Palmitoyltransferase
ZDHHC6;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	29695407	29695832	.
	-	.	Parent=Smp_244690.1;Name=99228030-bd38-44fe-
a88f-7697459cb88a
SM_V9_ZSR	iris	exon	29696238	29696290	.
	-	.	Parent=Smp_244690.1;Name=09d04bb6-1db0-44a9-
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SM_V9_ZSR	iris	exon	29699780	29699970	.	-	.	Parent=Smp_244690.1;Name=6ae87124-00ca-4193-ac22-02feaeb243e0
SM_V9_ZSR	iris	exon	29707469	29707549	.	-	.	Parent=Smp_244690.1;Name=69413468-7531-40da-b265-694cc9810ef6
SM_V9_ZSR	iris	exon	29708709	29708792	.	-	.	Parent=Smp_244690.1;Name=fdc037f4-3ea6-472c-b2e0-4f22e3b46b7f
SM_V9_ZSR	iris	exon	29711304	29711489	.	-	.	Parent=Smp_244690.1;Name=8d1482d2-e392-4868-b159-4cded22024f9
SM_V9_ZSR	iris	exon	29713755	29714003	.	-	.	Parent=Smp_244690.1;Name=8a032c10-f55e-4212-9e93-c726a204b76c
SM_V9_ZSR	iris	exon	29720590	29720902	.	-	.	Parent=Smp_244690.1;Name=7b570acc-b174-42b8-8351-3b7cef89ba29
SM_V9_ZSR	iris	CDS	29695738	29695832	.	-	2	Parent=Smp_244690.1
SM_V9_ZSR	iris	CDS	29696238	29696290	.	-	1	Parent=Smp_244690.1
SM_V9_ZSR	iris	CDS	29699780	29699970	.	-	0	Parent=Smp_244690.1
SM_V9_ZSR	iris	CDS	29707469	29707549	.	-	0	Parent=Smp_244690.1
SM_V9_ZSR	iris	CDS	29708709	29708792	.	-	0	Parent=Smp_244690.1
SM_V9_ZSR	iris	CDS	29711304	29711489	.	-	0	Parent=Smp_244690.1
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SM_V9_ZSR	iris	CDS	29720590	29720850	.	-	0	Parent=Smp_244690.1
SM_V9_ZSR	Liftoff	gene	29760786	29761526	.	-	.	ID=Smp_180000;geneID=Smp_180000
SM_V9_ZSR	Liftoff	mRNA	29760786	29761526	.	-	.	ID=Smp_180000.1;Parent=Smp_180000;geneID=Smp_180000;product=40S ribosomal protein S9;polypeptide_domain=InterPro:IPR001912,IPR002942,IPR005710,IPR018079 Pfam:PF00163,PF01479;Ontology_term=GO:0003723,GO:0003735,GO:0005622,GO:0006412,GO:0015935,GO:0019843
SM_V9_ZSR	Liftoff	exon	29760786	29760890	.	-	.	Parent=Smp_180000.1
SM_V9_ZSR	Liftoff	exon	29760926	29761216	.	-	.	Parent=Smp_180000.1
SM_V9_ZSR	Liftoff	exon	29761248	29761526	.	-	.	Parent=Smp_180000.1
SM_V9_ZSR	Liftoff	CDS	29760820	29760890	.	-	2	Parent=Smp_180000.1
SM_V9_ZSR	Liftoff	CDS	29760926	29761216	.	-	2	Parent=Smp_180000.1
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SM_V9_ZSR       Liftoff CDS     29761248        29761464        .
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ID=Smp_350050;geneID=Smp_350050;gene_name=Smp_350050;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_ZSR       iris    mRNA    29784915        29785650        .
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ID=Smp_350050.1;Parent=Smp_350050;geneID=Smp_350050;gene_name=Smp_35
0050;owner=irisadmin@local.host;date_last_modified=2022-08-21;Name=S
mp_350050.1;date_creation=2022-08-21
SM_V9_ZSR       iris    exon    29784915        29785194        .
        +       .       Parent=Smp_350050.1;Name=Smp_350050.1-CDS
SM_V9_ZSR       iris    exon    29785226        29785516        .
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SM_V9_ZSR       iris    exon    29785552        29785650        .
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SM_V9_ZSR       iris    CDS     29784978        29785194        .
        +       0       Parent=Smp_350050.1
SM_V9_ZSR       iris    CDS     29785226        29785516        .
        +       2       Parent=Smp_350050.1
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Pfam:PF02037,PF14443,PF14444
SM_V9_ZSR       Liftoff exon    29848779        29848923        .
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SM_V9_ZSR       Liftoff exon    29855568        29855770        .
        -       .       Parent=Smp_193440.1
SM_V9_ZSR       Liftoff exon    29855863        29855998        .
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SM_V9_ZSR       Liftoff exon    29867462        29867483        .
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SM_V9_ZSR       Liftoff exon    29867844        29867994        .
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SM_V9_ZSR       Liftoff CDS     29848868        29848923        .
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SM_V9_ZSR       Liftoff CDS     29848996        29849086        .
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SM_V9_ZSR       Liftoff CDS     29849558        29849662        .
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SM_V9_ZSR       Liftoff CDS     29849735        29850087        .
        -       2       Parent=Smp_193440.1
SM_V9_ZSR       Liftoff CDS     29851779        29851918        .
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SM_V9_ZSR       Liftoff CDS     29854305        29854471        .
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SM_V9_ZSR       Liftoff CDS     29855863        29855998        .
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SM_V9_ZSR       Liftoff CDS     29867518        29867805        .
        -       1       Parent=Smp_193440.1
SM_V9_ZSR       Liftoff CDS     29867844        29867941        .
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SM_V9_ZSR       Liftoff exon    29872654        29872726        .
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SM_V9_ZSR       Liftoff exon    29873505        29873864        .
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SM_V9_ZSR       Liftoff exon    29874297        29874413        .
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SM_V9_ZSR       Liftoff exon    29879291        29879335        .
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        -       .       Parent=Smp_103100.1
SM_V9_ZSR       Liftoff exon    29883604        29883738        .
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SM_V9_ZSR       Liftoff CDS     29886597        29886812        .
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SM_V9_ZSR       Liftoff CDS     29891365        29891712        .
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ID=Smp_179620.1;Parent=Smp_179620;geneID=Smp_179620;gene_name=Smp_17
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47;date_creation=2022-07-23
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        +       .       Parent=Smp_179620.1;Name=9e0505f7-eb90-412d-
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SM_V9_ZSR       iris    exon    29902166        29902260        .
        +       .       Parent=Smp_179620.1;Name=d7367335-
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SM_V9_ZSR       iris    exon    29907826        29907930        .
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SM_V9_ZSR       iris    exon    29908879        29909147        .
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SM_V9_ZSR       iris    CDS     29901938        29902021        .
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SM_V9_ZSR       iris    CDS     29902059        29902128        .
        +       0       Parent=Smp_179620.1
SM_V9_ZSR       iris    CDS     29902166        29902260        .
        +       2       Parent=Smp_179620.1
SM_V9_ZSR       iris    CDS     29902295        29902681        .
        +       0       Parent=Smp_179620.1
SM_V9_ZSR       iris    CDS     29905047        29905079        .
        +       0       Parent=Smp_179620.1
SM_V9_ZSR       iris    CDS     29906613        29906676        .
        +       0       Parent=Smp_179620.1
SM_V9_ZSR       iris    CDS     29907826        29907930        .
        +       2       Parent=Smp_179620.1
SM_V9_ZSR       iris    CDS     29908879        29908922        .
        +       2       Parent=Smp_179620.1
SM_V9_ZSR       iris    gene    29911442        29933545        .
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ID=Smp_179610;geneID=Smp_179610;gene_name=Smp_179610;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR       iris    mRNA    29911442        29933545        .
        -       .
ID=Smp_179610.1;Parent=Smp_179610;geneID=Smp_179610;gene_name=Smp_17
9610;owner=irisadmin@local.host;orig_id=Smp_179610.1;date_last_modif
ied=2022-10-01;Name=Smp_179610.1;product=ADP-ribosylation factor
GTPase-activating protein 2;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    29911442        29911901        .
        -       .
Parent=Smp_179610.1;Name=d9e13737-1708-492d-8d4e-f2abb0947ecb
SM_V9_ZSR       iris    exon    29913307        29913501        .
        -       .       Parent=Smp_179610.1;Name=5198c6e8-628a-4579-
bfcc-190643ff1289
SM_V9_ZSR       iris    exon    29915282        29915559        .
        -       .       Parent=Smp_179610.1;Name=6e8cab41-5aea-4858-
a04d-fe84e965b282
SM_V9_ZSR       iris    exon    29915924        29916096        .
        -       .       Parent=Smp_179610.1;Name=dd3d033d-
eb35-40ec-9a69-bb468aecbe71
SM_V9_ZSR       iris    exon    29923106        29923243        .
        -       .       Parent=Smp_179610.1;Name=b23d9ce8-d4fc-4dff-
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SM_V9_ZSR       iris    exon    29923422        29923579        .
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Parent=Smp_179610.1;Name=58b5cf91-672b-4aa2-8a4c-1ed0708cf336
SM_V9_ZSR       iris    exon    29928300        29928421        .
        -       .       Parent=Smp_179610.1;Name=f905a950-2420-4f57-
b464-c5227b89450d
SM_V9_ZSR       iris    exon    29932868        29932988        .
        -       .       Parent=Smp_179610.1;Name=dcd2b507-
ba46-446e-8f09-656573f3cd46
SM_V9_ZSR       iris    exon    29933022        29933153        .
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a1c4-c9f60214a452
SM_V9_ZSR       iris    exon    29933186        29933377        .
        -       .       Parent=Smp_179610.1;Name=62e0c3ac-740f-4040-
bc90-eb2109819e98
SM_V9_ZSR       iris    exon    29933414        29933545        .
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SM_V9_ZSR       iris    CDS     29911887        29911901        .
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SM_V9_ZSR       iris    CDS     29913307        29913501        .
        -       0       Parent=Smp_179610.1
SM_V9_ZSR       iris    CDS     29915282        29915559        .
        -       2       Parent=Smp_179610.1
SM_V9_ZSR       iris    CDS     29915924        29916096        .
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SM_V9_ZSR       iris    CDS     29923106        29923243        .
        -       1       Parent=Smp_179610.1
SM_V9_ZSR       iris    CDS     29923422        29923579        .
        -       0       Parent=Smp_179610.1
SM_V9_ZSR       iris    CDS     29928300        29928421        .
        -       2       Parent=Smp_179610.1
SM_V9_ZSR       iris    CDS     29932868        29932988        .
        -       0       Parent=Smp_179610.1
SM_V9_ZSR       iris    CDS     29933022        29933153        .
        -       0       Parent=Smp_179610.1
SM_V9_ZSR       iris    CDS     29933186        29933377        .
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SM_V9_ZSR       iris    CDS     29933414        29933488        .
        -       0       Parent=Smp_179610.1
SM_V9_ZSR       Liftoff gene    29949235        29951862        .
        -       .       ID=Smp_203580;geneID=Smp_203580
SM_V9_ZSR       Liftoff mRNA    29949235        29951862        .
        -       .
ID=Smp_203580.1;Parent=Smp_203580;geneID=Smp_203580;product=Toxin
Td11 (Fragment)
SM_V9_ZSR       Liftoff exon    29949235        29949617        .
        -       .       Parent=Smp_203580.1
SM_V9_ZSR       Liftoff exon    29951827        29951862        .
        -       .       Parent=Smp_203580.1
SM_V9_ZSR       Liftoff CDS     29949381        29949617        .
        -       0       Parent=Smp_203580.1
SM_V9_ZSR       Liftoff CDS     29951827        29951838        .
        -       0       Parent=Smp_203580.1
SM_V9_ZSR       Liftoff gene    29956098        29957490        .
        -       .       ID=Smp_179600;geneID=Smp_179600
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SM_V9_ZSR	Liftoff	mRNA	29956098	29957490	.
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ID=Smp_179600.1;Parent=Smp_179600;geneID=Smp_179600;product=Endonucl
ease MutS2
SM_V9_ZSR	Liftoff	exon	29956098	29956630	.
	-	.	Parent=Smp_179600.1
SM_V9_ZSR	Liftoff	exon	29957382	29957490	.
	-	.	Parent=Smp_179600.1
SM_V9_ZSR	Liftoff	CDS	29956266	29956630	.
	-	2	Parent=Smp_179600.1
SM_V9_ZSR	Liftoff	CDS	29957382	29957394	.
	-	0	Parent=Smp_179600.1
SM_V9_ZSR	Liftoff	gene	29967512	29967993	.
	-	.	ID=Smp_194830;geneID=Smp_194830
SM_V9_ZSR	Liftoff	mRNA	29967512	29967993	.
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ID=Smp_194830.1;Parent=Smp_194830;geneID=Smp_194830;product=Potassiu
m channel toxin gamma-KTx 2.2
SM_V9_ZSR	Liftoff	exon	29967512	29967838	.
	-	.	Parent=Smp_194830.1
SM_V9_ZSR	Liftoff	exon	29967955	29967993	.
	-	.	Parent=Smp_194830.1
SM_V9_ZSR	Liftoff	CDS	29967605	29967838	.
	-	0	Parent=Smp_194830.1
SM_V9_ZSR	Liftoff	CDS	29967955	29967960	.
	-	0	Parent=Smp_194830.1
SM_V9_ZSR	iris	gene	29980253	30047520	.
	+	.
ID=Smp_165470;geneID=Smp_165470;gene_name=Smp_165470;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	29980253	30047520	.
	+	.
ID=Smp_165470.1;Parent=Smp_165470;geneID=Smp_165470;gene_name=Smp_16
5470;owner=irisadmin@local.host;orig_id=Smp_165470.1;date_last_modif
ied=2022-07-20;Name=Smp_165470.1;product=Receptor tyrosine-protein
kinase erbB-4;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	29980253	29980365	.
	+	.
Parent=Smp_165470.1;Name=d1b7fe7c-563a-4c4e-91de-0e0aaad7ba8a
SM_V9_ZSR	iris	exon	29980402	29980434	.
	+	.	Parent=Smp_165470.1;Name=df2398bc-62de-497c-
b0ac-22acc5926472
SM_V9_ZSR	iris	exon	29980486	29980617	.
	+	.	Parent=Smp_165470.1;Name=664f6d41-93ed-44ac-
bd00-c16e99b36869
SM_V9_ZSR	iris	exon	29992401	29992634	.
	+	.	Parent=Smp_165470.1;Name=b97ed87a-
e251-443d-948e-1ee1ebbf56ff
SM_V9_ZSR	iris	exon	30000067	30000297	.
	+	.	Parent=Smp_165470.1;Name=9cef4781-
b8c1-4f19-9641-063f15b3f745
SM_V9_ZSR	iris	exon	30009983	30010057	.
	+	.	Parent=Smp_165470.1;Name=2c4fbef5-258a-4677-
a8d1-934818624d3c
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SM_V9_ZSR       iris    exon    30010291        30010406        .
        +       .       Parent=Smp_165470.1;Name=f65bedf8-
c92b-47a7-9763-a04602b81ba6
SM_V9_ZSR       iris    exon    30013974        30014109        .
        +       .
Parent=Smp_165470.1;Name=b2abc1b7-79de-48e5-981c-a911331dbf89
SM_V9_ZSR       iris    exon    30016458        30016562        .
        +       .       Parent=Smp_165470.1;Name=ce80f98b-
d41a-42bd-9e95-8d9a3d11486b
SM_V9_ZSR       iris    exon    30019171        30019306        .
        +       .       Parent=Smp_165470.1;Name=f9a367b2-4513-44e6-
aa47-61b0ab20d44e
SM_V9_ZSR       iris    exon    30021964        30022127        .
        +       .       Parent=Smp_165470.1;Name=a56db3fc-7636-491f-
a314-6a24e97b5eef
SM_V9_ZSR       iris    exon    30023306        30023455        .
        +       .       Parent=Smp_165470.1;Name=296640f4-c93c-4975-
b2a0-cc577cf82102
SM_V9_ZSR       iris    exon    30025779        30025862        .
        +       .       Parent=Smp_165470.1;Name=0201dca8-9051-4217-
a3a3-21873013d95f
SM_V9_ZSR       iris    exon    30026987        30027327        .
        +       .       Parent=Smp_165470.1;Name=4c6eb93a-1f49-4e09-
a143-376d51468292
SM_V9_ZSR       iris    exon    30027779        30027995        .
        +       .       Parent=Smp_165470.1;Name=04e4633b-
c7fb-4c5f-99aa-d864cf6cfe48
SM_V9_ZSR       iris    exon    30028929        30029204        .
        +       .       Parent=Smp_165470.1;Name=e16142c3-18fb-4423-
a662-dbc98ebbddab
SM_V9_ZSR       iris    exon    30030004        30030287        .
        +       .       Parent=Smp_165470.1;Name=f4263d62-
aa43-4258-8e20-b7ff86cc90c2
SM_V9_ZSR       iris    exon    30033960        30034655        .
        +       .       Parent=Smp_165470.1;Name=ac8e53f4-6476-413b-
b5cb-d749e5be09da
SM_V9_ZSR       iris    exon    30035653        30036189        .
        +       .       Parent=Smp_165470.1;Name=c40f27e7-
cfee-49a4-9766-44f62ff40093
SM_V9_ZSR       iris    exon    30039381        30039598        .
        +       .       Parent=Smp_165470.1;Name=33f6a692-59a4-46dd-
b1db-d5cd95560979
SM_V9_ZSR       iris    exon    30041038        30041243        .
        +       .       Parent=Smp_165470.1;Name=e0dd1e5b-
d3ff-4a11-8834-5c1e2f139cad
SM_V9_ZSR       iris    exon    30042263        30042409        .
        +       .       Parent=Smp_165470.1;Name=a52d98f1-
c5a1-464d-9b07-94fec5bea7ca
SM_V9_ZSR       iris    exon    30043453        30043550        .
        +       .       Parent=Smp_165470.1;Name=673a9222-
ab2c-4919-9573-d38b0495450a
SM_V9_ZSR       iris    exon    30045833        30047520        .
        +       .       Parent=Smp_165470.1;Name=0a6d50af-
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SM_V9_ZSR	iris	CDS	29980320	29980365	.
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SM_V9_ZSR	iris	CDS	29980402	29980434	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	29980486	29980617	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	29992401	29992634	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30000067	30000297	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30009983	30010057	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30010291	30010406	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30013974	30014109	.
	+	0	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30016458	30016562	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30019171	30019306	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30021964	30022127	.
	+	1	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30023306	30023455	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30025779	30025862	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30026987	30027327	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30027779	30027995	.
	+	0	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30028929	30029204	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30030004	30030287	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30033960	30034655	.
	+	0	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30035653	30036189	.
	+	0	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30039381	30039598	.
	+	0	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30041038	30041243	.
	+	1	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30042263	30042409	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30043453	30043550	.
	+	2	Parent=Smp_165470.1
SM_V9_ZSR	iris	CDS	30045833	30047044	.
	+	0	Parent=Smp_165470.1
SM_V9_ZSR	Liftoff	gene	30053826	30055726	.
	+	.	ID=Smp_080420;geneID=Smp_080420
SM_V9_ZSR	Liftoff	mRNA	30053826	30055726	.
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ID=Smp_080420.1;Parent=Smp_080420;geneID=Smp_080420;product=Transcri
ption factor
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AP-1;polypeptide_domain=InterPro:IPR002112,IPR004827,IPR005643
Pfam:PF00170,PF03957;Ontology_term=GO:0003677,GO:0003700,GO:0006355
SM_V9_ZSR       Liftoff exon    30053826        30054184        .
        +       .       Parent=Smp_080420.1
SM_V9_ZSR       Liftoff exon    30054220        30055726        .
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SM_V9_ZSR       Liftoff CDS     30053907        30054184        .
        +       0       Parent=Smp_080420.1
SM_V9_ZSR       Liftoff CDS     30054220        30055270        .
        +       1       Parent=Smp_080420.1
SM_V9_ZSR       Liftoff gene    30081484        30093092        .
        -       .       ID=Smp_165460;geneID=Smp_165460
SM_V9_ZSR       Liftoff mRNA    30081484        30093092        .
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ID=Smp_165460.1;Parent=Smp_165460;geneID=Smp_165460;product=WD
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18;polypeptide_domain=InterPro:IPR015943,IPR017986;Ontology_term=GO:
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SM_V9_ZSR       Liftoff exon    30081484        30081720        .
        -       .       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff exon    30083326        30083725        .
        -       .       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff exon    30087111        30087160        .
        -       .       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff exon    30087956        30088111        .
        -       .       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff exon    30090681        30091013        .
        -       .       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff exon    30091046        30091156        .
        -       .       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff exon    30091194        30093092        .
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        -       0       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff CDS     30083326        30083725        .
        -       1       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff CDS     30087111        30087160        .
        -       0       Parent=Smp_165460.1
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        -       0       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff CDS     30090681        30091013        .
        -       0       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff CDS     30091046        30091156        .
        -       0       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff CDS     30091194        30091391        .
        -       0       Parent=Smp_165460.1
SM_V9_ZSR       Liftoff gene    30098825        30109984        .
        +       .       ID=Smp_165450;geneID=Smp_165450
SM_V9_ZSR       Liftoff mRNA    30098825        30109984        .
        +       .
ID=Smp_165450.1;Parent=Smp_165450;geneID=Smp_165450;product=Vacuolar
protein sorting-associated protein 13B
SM_V9_ZSR       Liftoff exon    30098825        30099575        .
        +       .       Parent=Smp_165450.1
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SM_V9_ZSR       Liftoff exon    30101608        30102351        .
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SM_V9_ZSR       Liftoff exon    30109890        30109984        .
        +       .       Parent=Smp_165450.1
SM_V9_ZSR       Liftoff CDS     30098825        30099575        .
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SM_V9_ZSR       Liftoff CDS     30101608        30102351        .
        +       2       Parent=Smp_165450.1
SM_V9_ZSR       Liftoff CDS     30109890        30109984        .
        +       2       Parent=Smp_165450.1
SM_V9_ZSR       iris    gene    30135538        30231885        .
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ID=Smp_165440;geneID=Smp_165440;gene_name=Smp_165440;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_ZSR       iris    mRNA    30135538        30190012        .
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ID=Smp_165440.2;Parent=Smp_165440;geneID=Smp_165440;gene_name=Smp_16
5440;owner=irisadmin@local.host;orig_id=Smp_165440.1;date_last_modif
ied=2022-07-31;Name=Smp_165440.2;product=Netrin receptor
UNC5A;date_creation=2022-07-30
SM_V9_ZSR       iris    exon    30135538        30136531        .
        -       .       Parent=Smp_165440.2;Name=7c1383e3-
a3f4-4b70-90d8-61979ce8577a
SM_V9_ZSR       iris    exon    30137570        30137662        .
        -       .       Parent=Smp_165440.2;Name=ea9835cc-
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SM_V9_ZSR       iris    exon    30141727        30141809        .
        -       .
Parent=Smp_165440.2;Name=ce98c354-79b9-45b4-8596-caf049183c39
SM_V9_ZSR       iris    exon    30142739        30142912        .
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Parent=Smp_165440.2;Name=cb71d6f9-211f-440d-9e06-2e0b289f6c0d
SM_V9_ZSR       iris    exon    30144791        30145348        .
        -       .
Parent=Smp_165440.2;Name=3cae89e8-3a5e-4b3d-9723-a6c56738af57
SM_V9_ZSR       iris    exon    30147130        30147371        .
        -       .       Parent=Smp_165440.2;Name=6fe4447d-2698-44df-
b5d4-7fcc68e32950
SM_V9_ZSR       iris    exon    30155748        30155849        .
        -       .
Parent=Smp_165440.2;Name=b9e52103-1e47-44fb-8637-6c30e8742f7f
SM_V9_ZSR       iris    exon    30156817        30157253        .
        -       .
Parent=Smp_165440.2;Name=01120ede-7828-4622-9cd2-feecbf103d09
SM_V9_ZSR       iris    exon    30161305        30161866        .
        -       .       Parent=Smp_165440.2;Name=521ebd1f-41d6-4e4b-
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SM_V9_ZSR       iris    exon    30163388        30163432        .
        -       .       Parent=Smp_165440.2;Name=9015a6d8-3ab6-4262-
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SM_V9_ZSR       iris    exon    30165129        30165359        .
        -       .       Parent=Smp_165440.2;Name=5c671271-627b-4b12-
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SM_V9_ZSR       iris    exon    30166688        30166939        .
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Parent=Smp_165440.2;Name=4f1b49e0-2161-4cf1-86a5-9e43422432ea
SM_V9_ZSR       iris    exon    30168352        30168532        .
        -       .       Parent=Smp_165440.2;Name=e8235cd9-4907-4e78-
b39b-df0494cc4523
SM_V9_ZSR       iris    exon    30178204        30178307        .
        -       .       Parent=Smp_165440.2;Name=d2bd6f2a-
b486-417c-88ee-f88331e294fa
SM_V9_ZSR       iris    exon    30189441        30190012        .
        -       .       Parent=Smp_165440.2;Name=772fd0c8-ec48-4b44-
b410-5a63cba84f7f
SM_V9_ZSR       iris    CDS     30136381        30136531        .
        -       1       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30137570        30137662        .
        -       1       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30141727        30141809        .
        -       0       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30142739        30142912        .
        -       0       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30144791        30145348        .
        -       0       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30147130        30147371        .
        -       2       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30155748        30155849        .
        -       2       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30156817        30157253        .
        -       1       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30161305        30161866        .
        -       2       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30163388        30163432        .
        -       2       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30165129        30165359        .
        -       2       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30166688        30166939        .
        -       2       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30168352        30168532        .
        -       0       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30178204        30178307        .
        -       2       Parent=Smp_165440.2
SM_V9_ZSR       iris    CDS     30189441        30189906        .
        -       0       Parent=Smp_165440.2
SM_V9_ZSR       iris    mRNA    30135540        30231885        .
        -       .
ID=Smp_165440.1;Parent=Smp_165440;geneID=Smp_165440;gene_name=Smp_16
5440;owner=irisadmin@local.host;orig_id=Smp_165440.2;date_last_modif
ied=2022-07-31;Name=Smp_165440.1;product=Netrin receptor
UNC5A;date_creation=2022-07-30
SM_V9_ZSR       iris    exon    30135540        30136531        .
        -       .       Parent=Smp_165440.1;Name=f67cd8d4-
f942-4e61-9876-78da96d62f39
SM_V9_ZSR       iris    exon    30137570        30137662        .
        -       .       Parent=Smp_165440.1;Name=fd345c2a-
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SM_V9_ZSR       iris    exon    30141727        30141809        .
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        -       .
Parent=Smp_165440.1;Name=7f854ec5-9f75-4d17-8108-3841de3eee19
SM_V9_ZSR       iris    exon    30142739        30142912        .
        -       .       Parent=Smp_165440.1;Name=03c36e17-
ef49-4786-8b35-a26ddbc6b4c9
SM_V9_ZSR       iris    exon    30144791        30145348        .
        -       .       Parent=Smp_165440.1;Name=30e8e33f-
a545-4486-9b65-75a479b91c3e
SM_V9_ZSR       iris    exon    30147130        30147371        .
        -       .
Parent=Smp_165440.1;Name=c8edf0a3-4450-4325-8ec9-df066a75868d
SM_V9_ZSR       iris    exon    30155748        30155849        .
        -       .
Parent=Smp_165440.1;Name=b914f19d-612b-49a0-86d0-1a2bdb641c41
SM_V9_ZSR       iris    exon    30156817        30157253        .
        -       .
Parent=Smp_165440.1;Name=92f32563-34a4-48e0-9edd-b37c1184a104
SM_V9_ZSR       iris    exon    30161305        30161866        .
        -       .       Parent=Smp_165440.1;Name=2b551f9a-7b99-44f2-
a43b-d5c1f6b0ecf9
SM_V9_ZSR       iris    exon    30163388        30163432        .
        -       .       Parent=Smp_165440.1;Name=78ba510d-9bcd-4ed5-
bd09-9dac2466ed12
SM_V9_ZSR       iris    exon    30165129        30165359        .
        -       .       Parent=Smp_165440.1;Name=d0042127-
d245-4d14-95a6-a72d6bcef315
SM_V9_ZSR       iris    exon    30166688        30166939        .
        -       .       Parent=Smp_165440.1;Name=4dc614d7-de4c-4bee-
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SM_V9_ZSR       iris    exon    30168352        30168532        .
        -       .       Parent=Smp_165440.1;Name=8a205d3a-fd7e-4226-
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SM_V9_ZSR       iris    exon    30178204        30178307        .
        -       .       Parent=Smp_165440.1;Name=54236b7e-b325-4f35-
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SM_V9_ZSR       iris    exon    30189441        30189812        .
        -       .       Parent=Smp_165440.1;Name=54bab1e4-349f-4374-
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SM_V9_ZSR       iris    exon    30231213        30231885        .
        -       .       Parent=Smp_165440.1;Name=742025d8-6b81-40b2-
b925-3b3315f4b33c
SM_V9_ZSR       iris    CDS     30136381        30136531        .
        -       1       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30137570        30137662        .
        -       1       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30141727        30141809        .
        -       0       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30142739        30142912        .
        -       0       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30144791        30145348        .
        -       0       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30147130        30147371        .
        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30155748        30155849        .
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        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30156817        30157253        .
        -       1       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30161305        30161866        .
        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30163388        30163432        .
        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30165129        30165359        .
        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30166688        30166939        .
        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30168352        30168532        .
        -       0       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30178204        30178307        .
        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30189441        30189812        .
        -       2       Parent=Smp_165440.1
SM_V9_ZSR       iris    CDS     30231213        30231678        .
        -       0       Parent=Smp_165440.1
SM_V9_ZSR       Liftoff gene    30270142        30316235        .
        -       .       ID=Smp_165430;geneID=Smp_165430
SM_V9_ZSR       Liftoff mRNA    30270142        30316235        .
        -       .
ID=Smp_165430.1;Parent=Smp_165430;geneID=Smp_165430;product=Sperm-
tail PG-rich repeat-containing protein
2;polypeptide_domain=InterPro:IPR010736 Pfam:PF07004
SM_V9_ZSR       Liftoff exon    30270142        30270423        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30282864        30282963        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30290290        30290519        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30291257        30291507        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30304122        30304272        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30305158        30305247        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30307453        30307635        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30308791        30308994        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30311450        30311638        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff exon    30315981        30316235        .
        -       .       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff CDS     30270313        30270423        .
        -       0       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff CDS     30282864        30282963        .
        -       1       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff CDS     30290290        30290519        .
        -       0       Parent=Smp_165430.1
SM_V9_ZSR       Liftoff CDS     30291257        30291507        .
        -       2       Parent=Smp_165430.1
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SM_V9_ZSR	Liftoff	CDS	30304122	30304272	.
	-	0	Parent=Smp_165430.1
SM_V9_ZSR	Liftoff	CDS	30305158	30305247	.
	-	0	Parent=Smp_165430.1
SM_V9_ZSR	Liftoff	CDS	30307453	30307635	.
	-	0	Parent=Smp_165430.1
SM_V9_ZSR	Liftoff	CDS	30308791	30308994	.
	-	0	Parent=Smp_165430.1
SM_V9_ZSR	Liftoff	CDS	30311450	30311638	.
	-	0	Parent=Smp_165430.1
SM_V9_ZSR	Liftoff	CDS	30315981	30316211	.
	-	0	Parent=Smp_165430.1
SM_V9_ZSR	Liftoff	gene	30333116	30334123	.
	+	.	ID=Smp_080370;geneID=Smp_080370
SM_V9_ZSR	Liftoff	mRNA	30333116	30334123	.
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ID=Smp_080370.1;Parent=Smp_080370;geneID=Smp_080370;product=Transcri
ption elongation factor SPT5;polypeptide_domain=InterPro:IPR004827
Pfam:PF07716;Ontology_term=GO:0003700,GO:0006355
SM_V9_ZSR	Liftoff	exon	30333116	30333477	.
	+	.	Parent=Smp_080370.1
SM_V9_ZSR	Liftoff	exon	30333509	30333621	.
	+	.	Parent=Smp_080370.1
SM_V9_ZSR	Liftoff	exon	30333655	30334123	.
	+	.	Parent=Smp_080370.1
SM_V9_ZSR	Liftoff	CDS	30333321	30333477	.
	+	0	Parent=Smp_080370.1
SM_V9_ZSR	Liftoff	CDS	30333509	30333621	.
	+	2	Parent=Smp_080370.1
SM_V9_ZSR	Liftoff	CDS	30333655	30334053	.
	+	0	Parent=Smp_080370.1
SM_V9_ZSR	iris	gene	30343757	30353820	.
	-	.
ID=Smp_242450;geneID=Smp_242450;gene_name=Smp_242450;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_ZSR	iris	mRNA	30343757	30353820	.
	-	.
ID=Smp_242450.1;Parent=Smp_242450;geneID=Smp_242450;gene_name=Smp_24
2450;owner=irisadmin@local.host;orig_id=Smp_242450.1;date_last_modif
ied=2022-07-23;Name=Smp_242450.1;product=Protein
ABHD4;date_creation=2022-07-23
SM_V9_ZSR	iris	exon	30343757	30344242	.
	-	.	Parent=Smp_242450.1;Name=d7786dd9-51e1-4091-
b092-5fa6b2b00cef
SM_V9_ZSR	iris	exon	30353179	30353593	.
	-	.	Parent=Smp_242450.1;Name=10e83623-08e8-4d34-
aa45-61c5f6668461
SM_V9_ZSR	iris	exon	30353633	30353730	.
	-	.	Parent=Smp_242450.1;Name=c13fe8c1-
bb0a-46cc-84c7-b28a35d82c32
SM_V9_ZSR	iris	exon	30353765	30353820	.
	-	.	Parent=Smp_242450.1;Name=507ae9b7-aa4e-4524-
b71e-8aa2a7874236
SM_V9_ZSR	iris	CDS	30343891	30344242	.
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        -       1       Parent=Smp_242450.1
SM_V9_ZSR       iris    CDS     30353179        30353593        .
        -       2       Parent=Smp_242450.1
SM_V9_ZSR       iris    CDS     30353633        30353730        .
        -       1       Parent=Smp_242450.1
SM_V9_ZSR       iris    CDS     30353765        30353793        .
        -       0       Parent=Smp_242450.1
SM_V9_ZSR       Liftoff gene    30362766        30381532        .
        +       .
ID=Smp_343890;geneID=Smp_343890;previous_systematic_id=Smp_145870,Sm
p_203570
SM_V9_ZSR       Liftoff mRNA    30362766        30381532        .
        +       .
ID=Smp_343890.1;Parent=Smp_343890;geneID=Smp_343890;product=Protein
ABHD4;polypeptide_domain=InterPro:IPR029058
SM_V9_ZSR       Liftoff exon    30362766        30363277        .
        +       .       Parent=Smp_343890.1
SM_V9_ZSR       Liftoff exon    30367994        30368241        .
        +       .       Parent=Smp_343890.1
SM_V9_ZSR       Liftoff exon    30375375        30375561        .
        +       .       Parent=Smp_343890.1
SM_V9_ZSR       Liftoff exon    30380471        30381532        .
        +       .       Parent=Smp_343890.1
SM_V9_ZSR       Liftoff CDS     30362933        30363277        .
        +       0       Parent=Smp_343890.1
SM_V9_ZSR       Liftoff CDS     30367994        30368241        .
        +       0       Parent=Smp_343890.1
SM_V9_ZSR       Liftoff CDS     30375375        30375561        .
        +       1       Parent=Smp_343890.1
SM_V9_ZSR       Liftoff CDS     30380471        30380830        .
        +       0       Parent=Smp_343890.1
SM_V9_ZSR       iris    gene    30410282        30411786        .
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ID=Smp_178760;geneID=Smp_178760;gene_name=Smp_178760;owner=irisadmin
@local.host;date_last_modified=2022-09-04;date_creation=2022-08-30
SM_V9_ZSR       iris    mRNA    30410282        30411786        .
        -       .
ID=Smp_178760.1;Parent=Smp_178760;geneID=Smp_178760;gene_name=Smp_17
8760;owner=irisadmin@local.host;orig_id=Smp_178760.1;date_last_modif
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synthase tropA;date_creation=2022-08-30
SM_V9_ZSR       iris    exon    30410282        30411786        .
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b9de-559845f6d955
SM_V9_ZSR       iris    CDS     30411294        30411578        .
        -       0       Parent=Smp_178760.1
SM_V9_ZSR       iris    gene    30413456        30441208        .
        +       .
ID=Smp_178750;geneID=Smp_178750;gene_name=Smp_178750;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    30413456        30441208        .
        +       .
ID=Smp_178750.1;Parent=Smp_178750;geneID=Smp_178750;gene_name=Smp_17
8750;owner=irisadmin@local.host;orig_id=Smp_178750.1;date_last_modif
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Parent=Smp_178750.1;Name=e20cf3d7-391b-4e13-95a7-2694a13d3d12
SM_V9_ZSR       iris    exon    30413707        30413835        .
        +       .
Parent=Smp_178750.1;Name=5e65fb76-410f-4f95-8930-95ffac70087a
SM_V9_ZSR       iris    exon    30415276        30415520        .
        +       .       Parent=Smp_178750.1;Name=397b31c5-
fb6e-46a9-9897-712e91c48a63
SM_V9_ZSR       iris    exon    30424430        30424609        .
        +       .
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SM_V9_ZSR       iris    exon    30434528        30434788        .
        +       .       Parent=Smp_178750.1;Name=7ff63fb9-aa91-4a35-
a8be-7b569d097ec7
SM_V9_ZSR       iris    exon    30436263        30436364        .
        +       .
Parent=Smp_178750.1;Name=9ed3a799-6860-46f6-99a3-032d684c97da
SM_V9_ZSR       iris    exon    30439051        30439264        .
        +       .
Parent=Smp_178750.1;Name=ae7b81e9-9df1-4cdc-9a7d-19fdd51e8d34
SM_V9_ZSR       iris    exon    30439506        30439829        .
        +       .       Parent=Smp_178750.1;Name=b87c2765-ba74-4ae6-
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SM_V9_ZSR       iris    exon    30439909        30439965        .
        +       .       Parent=Smp_178750.1;Name=af7ffd9f-f77f-408d-
aeed-adf01f064c10
SM_V9_ZSR       iris    exon    30440941        30441208        .
        +       .
Parent=Smp_178750.1;Name=b9192b3e-9073-4e05-9f3f-a58ce910bdab
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SM_V9_ZSR       iris    CDS     30424430        30424609        .
        +       0       Parent=Smp_178750.1
SM_V9_ZSR       iris    CDS     30434528        30434788        .
        +       0       Parent=Smp_178750.1
SM_V9_ZSR       iris    CDS     30436263        30436364        .
        +       0       Parent=Smp_178750.1
SM_V9_ZSR       iris    CDS     30439051        30439264        .
        +       0       Parent=Smp_178750.1
SM_V9_ZSR       iris    CDS     30439506        30439829        .
        +       2       Parent=Smp_178750.1
SM_V9_ZSR       iris    CDS     30439909        30439965        .
        +       2       Parent=Smp_178750.1
SM_V9_ZSR       iris    CDS     30440941        30441110        .
        +       2       Parent=Smp_178750.1
SM_V9_ZSR       iris    gene    30441210        30448635        .
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@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    30441210        30448635        .
        -       .
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ID=Smp_178740.1;Parent=Smp_178740;geneID=Smp_178740;gene_name=Smp_17
8740;owner=irisadmin@local.host;orig_id=Smp_178740.1;date_last_modif
ied=2022-07-20;Name=Smp_178740.1;product=Protein lin-54
homolog;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    30441210        30441879        .
        -       .
Parent=Smp_178740.1;Name=32d018ca-0191-43ae-8f31-395968e06070
SM_V9_ZSR       iris    exon    30441980        30442148        .
        -       .       Parent=Smp_178740.1;Name=9f68fdfc-
cc14-4745-9e74-6e3993ea34c8
SM_V9_ZSR       iris    exon    30446355        30446973        .
        -       .
Parent=Smp_178740.1;Name=65b61591-4178-4d0b-9562-891251cc25a0
SM_V9_ZSR       iris    exon    30448182        30448429        .
        -       .
Parent=Smp_178740.1;Name=a7a88821-7ccb-453c-9c6e-bde47addca07
SM_V9_ZSR       iris    exon    30448588        30448635        .
        -       .       Parent=Smp_178740.1;Name=866248d0-fa5e-4b34-
ae2e-ac6e6ea72230
SM_V9_ZSR       iris    CDS     30441310        30441879        .
        -       0       Parent=Smp_178740.1
SM_V9_ZSR       iris    CDS     30441980        30442148        .
        -       1       Parent=Smp_178740.1
SM_V9_ZSR       iris    CDS     30446355        30446973        .
        -       2       Parent=Smp_178740.1
SM_V9_ZSR       iris    CDS     30448182        30448239        .
        -       0       Parent=Smp_178740.1
SM_V9_ZSR       Liftoff gene    30484076        30506256        .
        +       .       ID=Smp_164410;geneID=Smp_164410
SM_V9_ZSR       Liftoff mRNA    30484076        30506256        .
        +       .
ID=Smp_164410.1;Parent=Smp_164410;geneID=Smp_164410;product=Transpor
tin-3;polypeptide_domain=InterPro:IPR011989,IPR013598,IPR016024
Pfam:PF08389;Ontology_term=GO:0005488
SM_V9_ZSR       Liftoff exon    30484076        30484252        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30484283        30484372        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30484407        30484448        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30484483        30484628        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30484664        30484727        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30484760        30484852        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30485686        30485904        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30486791        30487156        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30487878        30488144        .
        +       .       Parent=Smp_164410.1
SM_V9_ZSR       Liftoff exon    30489282        30489629        .
        +       .       Parent=Smp_164410.1
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SM_V9_ZSR	Liftoff	exon	30491408	30491782	.
	+	.	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	exon	30492811	30493188	.
	+	.	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	exon	30494884	30495003	.
	+	.	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	exon	30496597	30497214	.
	+	.	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	exon	30497844	30497956	.
	+	.	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	exon	30505928	30506256	.
	+	.	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30484190	30484252	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30484283	30484372	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30484407	30484448	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30484483	30484628	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30484664	30484727	.
	+	1	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30484760	30484852	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30485686	30485904	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30486791	30487156	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30487878	30488144	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30489282	30489629	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30491408	30491782	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30492811	30493188	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30494884	30495003	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30496597	30497214	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30497844	30497956	.
	+	0	Parent=Smp_164410.1
SM_V9_ZSR	Liftoff	CDS	30505928	30505988	.
	+	1	Parent=Smp_164410.1
SM_V9_ZSR	iris	gene	30509227	30513835	.
	-	.
ID=Smp_078320;geneID=Smp_078320;gene_name=Smp_078320;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	30509227	30513835	.
	-	.
ID=Smp_078320.1;Parent=Smp_078320;geneID=Smp_078320;gene_name=Smp_07
8320;owner=irisadmin@local.host;orig_id=Smp_078320.1;date_last_modif
ied=2022-07-20;Name=Smp_078320.1;product=Eukaryotic translation
initiation factor 3 subunit F;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	30509227	30509859	.
	-	.
Parent=Smp_078320.1;Name=30ed6848-38f0-4449-9f32-c79261614aef
SM_V9_ZSR	iris	exon	30513193	30513507	.
	-	.	Parent=Smp_078320.1;Name=44e19d2d-12f0-4a7b-
aed7-8aa69e2e3311
SM_V9_ZSR	iris	exon	30513542	30513663	.
	-	.
Parent=Smp_078320.1;Name=70936015-9503-4b16-8379-24745a4c6637
SM_V9_ZSR	iris	exon	30513696	30513835	.
	-	.	Parent=Smp_078320.1;Name=d8bdd7d2-84ff-4328-
ab05-430348794219
SM_V9_ZSR	iris	CDS	30509584	30509859	.
	-	0	Parent=Smp_078320.1
SM_V9_ZSR	iris	CDS	30513193	30513507	.
	-	0	Parent=Smp_078320.1
SM_V9_ZSR	iris	CDS	30513542	30513663	.
	-	2	Parent=Smp_078320.1
SM_V9_ZSR	iris	CDS	30513696	30513804	.
	-	0	Parent=Smp_078320.1
SM_V9_ZSR	iris	gene	30524576	30534956	.
	+	.
ID=Smp_078310;geneID=Smp_078310;gene_name=Smp_078310;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR	iris	mRNA	30524576	30534956	.
	+	.
ID=Smp_078310.1;Parent=Smp_078310;geneID=Smp_078310;gene_name=Smp_07
8310;owner=irisadmin@local.host;orig_id=Smp_078310.2;date_last_modif
ied=2022-07-20;Name=Smp_078310.1;product=Ran-binding protein
3;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	30524576	30524654	.
	+	.	Parent=Smp_078310.1;Name=c27e1617-cac5-41a8-
a50f-83bce2127cb7
SM_V9_ZSR	iris	exon	30529219	30531164	.
	+	.	Parent=Smp_078310.1;Name=1b2ee3a9-83e3-4ae8-
acb1-7032601eb728
SM_V9_ZSR	iris	exon	30532883	30533168	.
	+	.	Parent=Smp_078310.1;Name=9860fba4-ae10-4595-
abe1-a77bb5b5c198
SM_V9_ZSR	iris	exon	30534069	30534956	.
	+	.	Parent=Smp_078310.1;Name=4ed4349b-
b15b-4c2a-8cb0-cfcfaefe2694
SM_V9_ZSR	iris	CDS	30529239	30531164	.
	+	0	Parent=Smp_078310.1
SM_V9_ZSR	iris	CDS	30532883	30533168	.
	+	0	Parent=Smp_078310.1
SM_V9_ZSR	iris	CDS	30534069	30534151	.
	+	2	Parent=Smp_078310.1
SM_V9_ZSR	iris	gene	30539749	30540234	.
	-	.
ID=Smp_164400;geneID=Smp_164400;gene_name=Smp_164400;owner=irisadmin
@local.host;date_last_modified=2022-10-01;date_creation=2022-10-01
SM_V9_ZSR	iris	mRNA	30539749	30540234	.
	-	.
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ID=Smp_164400.1;Parent=Smp_164400;geneID=Smp_164400;gene_name=Smp_16
4400;owner=irisadmin@local.host;orig_id=Smp_164400.1;date_last_modif
ied=2022-10-01;Name=Smp_164400.1;product=Dolichyl pyrophosphate
Man9GlcNAc2 alpha-1,3-glucosyltransferase;date_creation=2022-10-01
SM_V9_ZSR       iris    exon    30539749        30540234        .
        -       .       Parent=Smp_164400.1;Name=d5e9a6d5-6582-432e-
a783-fda4d0d3cc2e
SM_V9_ZSR       iris    CDS     30539805        30540212        .
        -       0       Parent=Smp_164400.1
SM_V9_ZSR       iris    gene    30558299        30585879        .
        +       .
ID=Smp_078280;geneID=Smp_078280;gene_name=Smp_078280;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    30558299        30585879        .
        +       .
ID=Smp_078280.1;Parent=Smp_078280;geneID=Smp_078280;gene_name=Smp_07
8280;owner=irisadmin@local.host;orig_id=Smp_078280.1;date_last_modif
ied=2022-07-23;Name=Smp_078280.1;product=Chromodomain Y-like protein
2;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    30558299        30558727        .
        +       .
Parent=Smp_078280.1;Name=d7625599-19b5-4435-8745-5c4f66e31f8a
SM_V9_ZSR       iris    exon    30562043        30563810        .
        +       .       Parent=Smp_078280.1;Name=4bbb89b8-517d-4521-
b713-c8849abeaff2
SM_V9_ZSR       iris    exon    30564623        30564732        .
        +       .       Parent=Smp_078280.1;Name=d15d10a0-
de82-43b3-9f9c-44e03d56507b
SM_V9_ZSR       iris    exon    30567048        30567260        .
        +       .       Parent=Smp_078280.1;Name=f83d81a1-b7ab-4921-
a7ed-a61d809d3b6c
SM_V9_ZSR       iris    exon    30577737        30578348        .
        +       .       Parent=Smp_078280.1;Name=6c7fad56-
d8e1-4173-89c2-998442014880
SM_V9_ZSR       iris    exon    30581699        30581842        .
        +       .       Parent=Smp_078280.1;Name=ffa1e238-
aeb3-4dbe-8eb5-a2e12a7b27ea
SM_V9_ZSR       iris    exon    30584550        30585879        .
        +       .       Parent=Smp_078280.1;Name=a7de507d-dec3-4c06-
aa10-34b73758114a
SM_V9_ZSR       iris    CDS     30558689        30558727        .
        +       0       Parent=Smp_078280.1
SM_V9_ZSR       iris    CDS     30562043        30563810        .
        +       0       Parent=Smp_078280.1
SM_V9_ZSR       iris    CDS     30564623        30564732        .
        +       2       Parent=Smp_078280.1
SM_V9_ZSR       iris    CDS     30567048        30567260        .
        +       0       Parent=Smp_078280.1
SM_V9_ZSR       iris    CDS     30577737        30578348        .
        +       0       Parent=Smp_078280.1
SM_V9_ZSR       iris    CDS     30581699        30581842        .
        +       0       Parent=Smp_078280.1
SM_V9_ZSR       iris    CDS     30584550        30584711        .
        +       0       Parent=Smp_078280.1
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SM_V9_ZSR       Liftoff gene    30602880        30605395        .
        -       .       ID=Smp_078270;geneID=Smp_078270
SM_V9_ZSR       Liftoff mRNA    30602880        30605395        .
        -       .
ID=Smp_078270.1;Parent=Smp_078270;geneID=Smp_078270;product=MOB
kinase activator 2;polypeptide_domain=InterPro:IPR005301
Pfam:PF03637
SM_V9_ZSR       Liftoff exon    30602880        30605395        .
        -       .       Parent=Smp_078270.1
SM_V9_ZSR       Liftoff CDS     30603973        30605007        .
        -       0       Parent=Smp_078270.1
SM_V9_ZSR       Liftoff gene    30622939        30624087        .
        +       .       ID=Smp_143060;geneID=Smp_143060
SM_V9_ZSR       Liftoff mRNA    30622939        30624087        .
        +       .
ID=Smp_143060.1;Parent=Smp_143060;geneID=Smp_143060;product=AP-2
complex subunit
sigma;polypeptide_domain=InterPro:IPR000804,IPR011012,IPR016635,IPR0
22775
Pfam:PF01217;Ontology_term=GO:0006810,GO:0006886,GO:0008565,GO:00150
31,GO:0016192,GO:0030117
SM_V9_ZSR       Liftoff exon    30622939        30624087        .
        +       .       Parent=Smp_143060.1
SM_V9_ZSR       Liftoff CDS     30622976        30623404        .
        +       0       Parent=Smp_143060.1
SM_V9_ZSR       Liftoff gene    30627630        30647655        .
        -       .       ID=Smp_143070;geneID=Smp_143070
SM_V9_ZSR       Liftoff mRNA    30627630        30647655        .
        -       .
ID=Smp_143070.1;Parent=Smp_143070;geneID=Smp_143070;product=Kelch-
like protein
2;polypeptide_domain=InterPro:IPR000210,IPR006652,IPR011043,IPR01133
3,IPR011705,IPR015915
Pfam:PF00651,PF01344,PF07707;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    30627630        30628079        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30628169        30628431        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30630063        30630328        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30633033        30633537        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30634100        30634387        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30636888        30637034        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30637901        30637994        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30642118        30642431        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff exon    30642987        30647655        .
        -       .       Parent=Smp_143070.1
SM_V9_ZSR       Liftoff CDS     30628010        30628079        .
        -       1       Parent=Smp_143070.1
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SM_V9_ZSR	Liftoff	CDS	30628169	30628431	.
	-	0	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	CDS	30630063	30630328	.
	-	2	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	CDS	30633033	30633537	.
	-	0	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	CDS	30634100	30634387	.
	-	0	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	CDS	30636888	30637034	.
	-	0	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	CDS	30637901	30637994	.
	-	1	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	CDS	30642118	30642431	.
	-	0	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	CDS	30642987	30643160	.
	-	0	Parent=Smp_143070.1
SM_V9_ZSR	Liftoff	mRNA	30627630	30647655	.
	-	.
ID=Smp_143070.2;Parent=Smp_143070;geneID=Smp_143070;product=Kelch-
like protein
2;polypeptide_domain=InterPro:IPR000210,IPR006652,IPR011043,IPR01133
3,IPR011705,IPR015915
Pfam:PF00651,PF01344,PF07707,PF13854;Ontology_term=GO:0005515
SM_V9_ZSR	Liftoff	exon	30627630	30628079	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	exon	30628169	30628431	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	exon	30630063	30630328	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	exon	30633033	30633537	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	exon	30636888	30637034	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	exon	30637901	30637994	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	exon	30642118	30642431	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	exon	30642987	30647655	.
	-	.	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30628010	30628079	.
	-	1	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30628169	30628431	.
	-	0	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30630063	30630328	.
	-	2	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30633033	30633537	.
	-	0	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30636888	30637034	.
	-	0	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30637901	30637994	.
	-	1	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30642118	30642431	.
	-	0	Parent=Smp_143070.2
SM_V9_ZSR	Liftoff	CDS	30642987	30643160	.
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        -       0       Parent=Smp_143070.2
SM_V9_ZSR       Liftoff gene    30667732        30668719        .
        +       .       ID=Smp_038510;geneID=Smp_038510
SM_V9_ZSR       Liftoff mRNA    30667732        30668719        .
        +       .
ID=Smp_038510.1;Parent=Smp_038510;geneID=Smp_038510;product=60S
ribosomal protein
L6;polypeptide_domain=InterPro:IPR000915,IPR008991,IPR014722
Pfam:PF01159;Ontology_term=GO:0003735,GO:0005622,GO:0005840,GO:00064
12
SM_V9_ZSR       Liftoff exon    30667732        30667956        .
        +       .       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff exon    30667992        30668184        .
        +       .       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff exon    30668218        30668402        .
        +       .       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff exon    30668527        30668719        .
        +       .       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff CDS     30667780        30667956        .
        +       0       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff CDS     30667992        30668184        .
        +       0       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff CDS     30668218        30668402        .
        +       2       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff CDS     30668527        30668688        .
        +       0       Parent=Smp_038510.1
SM_V9_ZSR       Liftoff gene    30737759        30801908        .
        -       .
ID=Smp_333070;geneID=Smp_333070;previous_systematic_id=Smp_143080,Sm
p_182180,Smp_178770,Smp_244550
SM_V9_ZSR       Liftoff mRNA    30737759        30801908        .
        -       .
ID=Smp_333070.1;Parent=Smp_333070;geneID=Smp_333070;product=Hypothet
ical protein;polypeptide_domain=InterPro:IPR001478
Pfam:PF00595;Ontology_term=GO:0005515
SM_V9_ZSR       Liftoff exon    30737759        30738276        .
        -       .       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff exon    30743904        30744436        .
        -       .       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff exon    30749478        30749559        .
        -       .       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff exon    30772818        30772990        .
        -       .       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff exon    30776144        30776617        .
        -       .       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff exon    30780240        30780821        .
        -       .       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff exon    30801242        30801908        .
        -       .       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff CDS     30737820        30738276        .
        -       1       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff CDS     30743904        30744436        .
        -       0       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff CDS     30749478        30749559        .
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        -       1       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff CDS     30772818        30772990        .
        -       0       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff CDS     30776144        30776617        .
        -       0       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff CDS     30780240        30780821        .
        -       0       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff CDS     30801242        30801811        .
        -       0       Parent=Smp_333070.1
SM_V9_ZSR       Liftoff gene    30832261        30840918        .
        -       .       ID=Smp_143090;geneID=Smp_143090
SM_V9_ZSR       Liftoff mRNA    30832261        30840918        .
        -       .
ID=Smp_143090.1;Parent=Smp_143090;geneID=Smp_143090;product=Proline
and serine-rich protein 1;polypeptide_domain=InterPro:IPR028011
Pfam:PF14771
SM_V9_ZSR       Liftoff exon    30832261        30832832        .
        -       .       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff exon    30835797        30835934        .
        -       .       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff exon    30836008        30836107        .
        -       .       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff exon    30837472        30837569        .
        -       .       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff exon    30837678        30837746        .
        -       .       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff exon    30840602        30840918        .
        -       .       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff CDS     30832539        30832832        .
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SM_V9_ZSR       Liftoff CDS     30835797        30835934        .
        -       0       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff CDS     30836008        30836107        .
        -       1       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff CDS     30837472        30837569        .
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SM_V9_ZSR       Liftoff CDS     30837678        30837746        .
        -       0       Parent=Smp_143090.1
SM_V9_ZSR       Liftoff CDS     30840602        30840730        .
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SM_V9_ZSR       iris    gene    30842494        30851528        .
        +       .
ID=Smp_038530;geneID=Smp_038530;gene_name=Smp_038530;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    30842494        30851528        .
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ID=Smp_038530.1;Parent=Smp_038530;geneID=Smp_038530;gene_name=Smp_03
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ied=2022-07-23;Name=Smp_038530.1;product=Dual specificity protein
phosphatase 14;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    30842494        30842546        .
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Parent=Smp_038530.1;Name=c7f1e55c-194f-473c-916e-bb2bac711191
SM_V9_ZSR       iris    exon    30848047        30851528        .
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Parent=Smp_038530.1;Name=6c1fb3da-264a-4676-96d1-17997c6e3c3c
SM_V9_ZSR       iris    CDS     30848099        30849559        .
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SM_V9_ZSR       Liftoff gene    30894662        30895904        .
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SM_V9_ZSR       Liftoff mRNA    30894662        30895904        .
        +       .
ID=Smp_038540.1;Parent=Smp_038540;geneID=Smp_038540;product=Pentatri
copeptide repeat-containing protein At3g53360, mitochondrial
SM_V9_ZSR       Liftoff exon    30894662        30895904        .
        +       .       Parent=Smp_038540.1
SM_V9_ZSR       Liftoff CDS     30894784        30895740        .
        +       0       Parent=Smp_038540.1
SM_V9_ZSR       Liftoff gene    30909033        30966438        .
        -       .
ID=Smp_343580;geneID=Smp_343580;previous_systematic_id=Smp_143110
SM_V9_ZSR       Liftoff mRNA    30909033        30966438        .
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ID=Smp_343580.1;Parent=Smp_343580;geneID=Smp_343580;product=Protein
CLEC16A;polypeptide_domain=InterPro:IPR011989,IPR019155 Pfam:PF09758
SM_V9_ZSR       Liftoff exon    30909033        30910728        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30915107        30915438        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30916267        30916517        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30920874        30920979        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30922493        30922535        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30926086        30926587        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30931631        30931788        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30934072        30934144        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30936527        30936576        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30939906        30940127        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30945588        30945681        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30949072        30949599        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30960510        30960705        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30962835        30962943        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30963018        30963123        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30963181        30963261        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30963305        30963372        .
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SM_V9_ZSR       Liftoff exon    30963415        30963548        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30963585        30963713        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff exon    30966336        30966438        .
        -       .       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30910172        30910728        .
        -       2       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30915107        30915438        .
        -       1       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30916267        30916517        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30920874        30920979        .
        -       1       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30922493        30922535        .
        -       2       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30926086        30926587        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30931631        30931788        .
        -       2       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30934072        30934144        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30936527        30936576        .
        -       2       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30939906        30940127        .
        -       2       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30945588        30945681        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30949072        30949599        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30960510        30960705        .
        -       1       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30962835        30962943        .
        -       2       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30963018        30963123        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30963181        30963261        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30963305        30963372        .
        -       2       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30963415        30963548        .
        -       1       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30963585        30963713        .
        -       1       Parent=Smp_343580.1
SM_V9_ZSR       Liftoff CDS     30966336        30966400        .
        -       0       Parent=Smp_343580.1
SM_V9_ZSR       iris    gene    30976362        30977215        .
        +       .
ID=Smp_038560;geneID=Smp_038560;gene_name=Smp_038560;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    30976362        30977215        .
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ID=Smp_038560.1;Parent=Smp_038560;geneID=Smp_038560;gene_name=Smp_03
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ied=2022-07-23;Name=Smp_038560.1;product=Pre-mRNA-splicing factor
CEF1;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    30976362        30976452        .
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Parent=Smp_038560.1;Name=65b6a328-6775-437c-897d-977b61e019b1
SM_V9_ZSR       iris    exon    30976486        30976603        .
        +       .       Parent=Smp_038560.1;Name=40fab763-
a409-4a4e-8aa9-66e94725881b
SM_V9_ZSR       iris    exon    30976646        30976732        .
        +       .
Parent=Smp_038560.1;Name=e381ccc9-3e73-41b5-82b3-4584e17a3c4b
SM_V9_ZSR       iris    exon    30976841        30976879        .
        +       .       Parent=Smp_038560.1;Name=80093265-
edf0-4ee6-82a2-0cb1a03271d0
SM_V9_ZSR       iris    exon    30976912        30976965        .
        +       .
Parent=Smp_038560.1;Name=70ba3d6d-9a74-403b-8a47-892d070b0939
SM_V9_ZSR       iris    exon    30977001        30977215        .
        +       .       Parent=Smp_038560.1;Name=666045fe-10ee-471f-
b998-a3630e257539
SM_V9_ZSR       iris    CDS     30976420        30976452        .
        +       0       Parent=Smp_038560.1
SM_V9_ZSR       iris    CDS     30976486        30976603        .
        +       0       Parent=Smp_038560.1
SM_V9_ZSR       iris    CDS     30976646        30976732        .
        +       2       Parent=Smp_038560.1
SM_V9_ZSR       iris    CDS     30976841        30976879        .
        +       2       Parent=Smp_038560.1
SM_V9_ZSR       iris    CDS     30976912        30976965        .
        +       2       Parent=Smp_038560.1
SM_V9_ZSR       iris    CDS     30977001        30977086        .
        +       2       Parent=Smp_038560.1
SM_V9_ZSR       iris    gene    31004107        31061208        .
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ID=Smp_143130;geneID=Smp_143130;gene_name=Smp_143130;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    31004107        31061208        .
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ID=Smp_143130.1;Parent=Smp_143130;geneID=Smp_143130;gene_name=Smp_14
3130;owner=irisadmin@local.host;orig_id=Smp_143130.1;date_last_modif
ied=2022-07-20;Name=Smp_143130.1;product=Four and a half LIM domains
protein 2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    31004107        31005451        .
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Parent=Smp_143130.1;Name=2f5efa84-6dc3-48e3-9bfc-b603aeafd0d3
SM_V9_ZSR       iris    exon    31006987        31007173        .
        -       .       Parent=Smp_143130.1;Name=45aa3baf-66da-4938-
a15d-c7220829d140
SM_V9_ZSR       iris    exon    31011848        31012192        .
        -       .       Parent=Smp_143130.1;Name=3c7de906-5828-43b9-
b4cb-28fbba233920
SM_V9_ZSR       iris    exon    31025805        31026164        .
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cb16-4b2f-8a66-11836bf8c23f
SM_V9_ZSR       iris    exon    31026221        31026269        .
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Parent=Smp_143130.1;Name=d8b9fc66-2e25-46db-9be5-e8c75cc6f261
SM_V9_ZSR       iris    exon    31044069        31044117        .
        -       .       Parent=Smp_143130.1;Name=ded8f0f0-6349-4b5d-
a600-aa41b03c9af2
SM_V9_ZSR       iris    exon    31061113        31061208        .
        -       .       Parent=Smp_143130.1;Name=e34609b6-2403-446b-
a662-a7ecbed15a38
SM_V9_ZSR       iris    CDS     31005306        31005451        .
        -       2       Parent=Smp_143130.1
SM_V9_ZSR       iris    CDS     31006987        31007173        .
        -       0       Parent=Smp_143130.1
SM_V9_ZSR       iris    CDS     31011848        31012192        .
        -       0       Parent=Smp_143130.1
SM_V9_ZSR       iris    CDS     31025805        31025984        .
        -       0       Parent=Smp_143130.1
SM_V9_ZSR       Liftoff gene    31155009        31157614        .
        -       .       ID=Smp_155360;geneID=Smp_155360
SM_V9_ZSR       Liftoff mRNA    31155009        31157614        .
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ID=Smp_155360.1;Parent=Smp_155360;geneID=Smp_155360;product=DNA-
binding protein inhibitor ID-2-
A;polypeptide_domain=InterPro:IPR011598
Pfam:PF00010;Ontology_term=GO:0046983
SM_V9_ZSR       Liftoff exon    31155009        31155329        .
        -       .       Parent=Smp_155360.1
SM_V9_ZSR       Liftoff exon    31157214        31157614        .
        -       .       Parent=Smp_155360.1
SM_V9_ZSR       Liftoff CDS     31155308        31155329        .
        -       1       Parent=Smp_155360.1
SM_V9_ZSR       Liftoff CDS     31157214        31157491        .
        -       0       Parent=Smp_155360.1
SM_V9_ZSR       iris    gene    31174348        31206684        .
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ID=Smp_155370;geneID=Smp_155370;gene_name=Smp_155370;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    31174348        31206684        .
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ID=Smp_155370.1;Parent=Smp_155370;geneID=Smp_155370;gene_name=Smp_15
5370;owner=irisadmin@local.host;orig_id=Smp_155370.2;date_last_modif
ied=2022-07-20;Name=Smp_155370.1;product=Hypothetical
protein;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    31174348        31174409        .
        +       .       Parent=Smp_155370.1;Name=2997c457-a707-4f01-
bb78-f575a2688114
SM_V9_ZSR       iris    exon    31180170        31180265        .
        +       .       Parent=Smp_155370.1;Name=32ebc4af-8335-49f9-
b94d-c7df106f4f85
SM_V9_ZSR       iris    exon    31180308        31180376        .
        +       .       Parent=Smp_155370.1;Name=31ce17d7-
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SM_V9_ZSR       iris    exon    31180415        31180461        .
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Parent=Smp_155370.1;Name=24aea7fa-7849-4f2b-9569-1ba2c61f5f5c
SM_V9_ZSR       iris    exon    31180503        31180578        .
        +       .       Parent=Smp_155370.1;Name=746ff605-011e-4404-
ac2e-ee28d93a471c
SM_V9_ZSR       iris    exon    31180613        31180749        .
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Parent=Smp_155370.1;Name=a0b1a369-7eae-4bee-856b-8ff149c74308
SM_V9_ZSR       iris    exon    31181528        31182731        .
        +       .
Parent=Smp_155370.1;Name=7be84189-0e41-41dd-8dae-ae34cfbe550f
SM_V9_ZSR       iris    exon    31186476        31187050        .
        +       .       Parent=Smp_155370.1;Name=41ea39b7-6bd9-4987-
a4ed-b8b1ab5d744a
SM_V9_ZSR       iris    exon    31189184        31189347        .
        +       .       Parent=Smp_155370.1;Name=54d3ef11-
e7ce-4a33-8bb0-590cbc0144e2
SM_V9_ZSR       iris    exon    31195903        31196382        .
        +       .
Parent=Smp_155370.1;Name=179227b9-7523-43d2-8a2d-f9bfa19b70f6
SM_V9_ZSR       iris    exon    31197493        31197668        .
        +       .       Parent=Smp_155370.1;Name=98453b7a-
ead2-4c5a-984c-d744a1529ca7
SM_V9_ZSR       iris    exon    31199268        31199620        .
        +       .       Parent=Smp_155370.1;Name=693671a3-a4f7-4625-
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SM_V9_ZSR       iris    exon    31204478        31206684        .
        +       .       Parent=Smp_155370.1;Name=b2124a3d-27a4-4e20-
a798-9760458ede1e
SM_V9_ZSR       iris    CDS     31180172        31180265        .
        +       0       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31180308        31180376        .
        +       2       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31180415        31180461        .
        +       2       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31180503        31180578        .
        +       0       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31180613        31180749        .
        +       2       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31181528        31182731        .
        +       0       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31186476        31187050        .
        +       2       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31189184        31189347        .
        +       0       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31195903        31196382        .
        +       1       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31197493        31197668        .
        +       1       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31199268        31199620        .
        +       2       Parent=Smp_155370.1
SM_V9_ZSR       iris    CDS     31204478        31205032        .
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SM_V9_ZSR       iris    gene    31225939        31243731        .
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ID=Smp_155380;geneID=Smp_155380;gene_name=Smp_155380;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    31225939        31243731        .
        -       .
ID=Smp_155380.1;Parent=Smp_155380;geneID=Smp_155380;gene_name=Smp_15
5380;owner=irisadmin@local.host;orig_id=Smp_155380.1;date_last_modif
ied=2022-07-23;Name=Smp_155380.1;product=Thyroglobulin;date_creation
=2022-07-23
SM_V9_ZSR       iris    exon    31225939        31226700        .
        -       .
Parent=Smp_155380.1;Name=16374137-65ea-4c0d-9c98-65a7c9c04c14
SM_V9_ZSR       iris    exon    31228922        31229093        .
        -       .       Parent=Smp_155380.1;Name=b679fef0-645b-411d-
a3fe-619a28b41cfb
SM_V9_ZSR       iris    exon    31230091        31230154        .
        -       .       Parent=Smp_155380.1;Name=1b87d917-346a-4e18-
b994-9ebab7c847f2
SM_V9_ZSR       iris    exon    31232117        31232190        .
        -       .       Parent=Smp_155380.1;Name=a580e59c-ccde-4ad3-
b173-f0497c4a3be9
SM_V9_ZSR       iris    exon    31243553        31243731        .
        -       .
Parent=Smp_155380.1;Name=feb9fa79-410e-41cd-8a4d-c3a6db13bde4
SM_V9_ZSR       iris    CDS     31226072        31226700        .
        -       2       Parent=Smp_155380.1
SM_V9_ZSR       iris    CDS     31228922        31229093        .
        -       0       Parent=Smp_155380.1
SM_V9_ZSR       iris    CDS     31230091        31230154        .
        -       1       Parent=Smp_155380.1
SM_V9_ZSR       iris    CDS     31232117        31232169        .
        -       0       Parent=Smp_155380.1
SM_V9_ZSR       Liftoff gene    31240348        31241142        .
        +       .       ID=Smp_323030;geneID=Smp_323030
SM_V9_ZSR       Liftoff mRNA    31240348        31241142        .
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ID=Smp_323030.1;Parent=Smp_323030;geneID=Smp_323030;product=Acyl-
protein thioesterase
1;polypeptide_domain=InterPro:IPR003140,IPR029058
Pfam:PF02230;Ontology_term=GO:0016787
SM_V9_ZSR       Liftoff exon    31240348        31241142        .
        +       .       Parent=Smp_323030.1
SM_V9_ZSR       Liftoff CDS     31240593        31240895        .
        +       0       Parent=Smp_323030.1
SM_V9_ZSR       iris    gene    31250268        31271503        .
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ID=Smp_155390;geneID=Smp_155390;gene_name=Smp_155390;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    31250268        31271503        .
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ID=Smp_155390.1;Parent=Smp_155390;geneID=Smp_155390;gene_name=Smp_15
5390;owner=irisadmin@local.host;orig_id=Smp_155390.1;date_last_modif
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SM_V9_ZSR	iris	exon	31252497	31252608	.
	+	.	Parent=Smp_155390.1;Name=06f67cc9-a62c-48ba-
bade-ef1b0695ac84
SM_V9_ZSR	iris	exon	31252640	31252833	.
	+	.	Parent=Smp_155390.1;Name=8dcdc0a7-39d2-42b5-
a63d-f12d210e34fa
SM_V9_ZSR	iris	exon	31252868	31252938	.
	+	.	Parent=Smp_155390.1;Name=7fdb3bfb-4286-4a2a-
bb6b-f690f40991e2
SM_V9_ZSR	iris	exon	31254105	31254249	.
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Parent=Smp_155390.1;Name=d102226d-4fe6-4159-9ea3-16b3bcafd7bb
SM_V9_ZSR	iris	exon	31254440	31254675	.
	+	.	Parent=Smp_155390.1;Name=56a5fe57-a665-4199-
af7c-ca1c7097a0d2
SM_V9_ZSR	iris	exon	31254721	31254867	.
	+	.	Parent=Smp_155390.1;Name=dc47fb3b-aacb-44f7-
ab06-951f06593514
SM_V9_ZSR	iris	exon	31259054	31259320	.
	+	.	Parent=Smp_155390.1;Name=b1b289dd-
ee6a-47ca-8bd3-d06b3da6048f
SM_V9_ZSR	iris	exon	31260420	31260505	.
	+	.
Parent=Smp_155390.1;Name=72dd6adb-7e90-4792-8669-00473414cdcd
SM_V9_ZSR	iris	exon	31261355	31261419	.
	+	.	Parent=Smp_155390.1;Name=f6326fab-
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SM_V9_ZSR	iris	exon	31265411	31265822	.
	+	.	Parent=Smp_155390.1;Name=7c431331-0fbc-47f2-
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SM_V9_ZSR	iris	exon	31268205	31268462	.
	+	.	Parent=Smp_155390.1;Name=120444bb-
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SM_V9_ZSR	iris	exon	31268695	31269114	.
	+	.	Parent=Smp_155390.1;Name=bb9af055-
c7f3-4f48-9d90-9320c7078573
SM_V9_ZSR	iris	exon	31270289	31270411	.
	+	.	Parent=Smp_155390.1;Name=4f8f24c8-9db4-498a-
bc20-cb60f2dc5455
SM_V9_ZSR	iris	exon	31271180	31271503	.
	+	.	Parent=Smp_155390.1;Name=2154bd3f-c54b-41d9-
b1de-d9071a35d6c6
SM_V9_ZSR	iris	CDS	31252576	31252608	.
	+	0	Parent=Smp_155390.1
SM_V9_ZSR	iris	CDS	31252640	31252833	.
	+	0	Parent=Smp_155390.1
SM_V9_ZSR	iris	CDS	31252868	31252938	.
	+	1	Parent=Smp_155390.1
SM_V9_ZSR	iris	CDS	31254105	31254249	.
	+	2	Parent=Smp_155390.1
SM_V9_ZSR	iris	CDS	31254440	31254675	.
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SM_V9_ZSR       iris    CDS     31254721        31254867        .
        +       2       Parent=Smp_155390.1
SM_V9_ZSR       iris    CDS     31259054        31259320        .
        +       2       Parent=Smp_155390.1
SM_V9_ZSR       iris    CDS     31260420        31260505        .
        +       2       Parent=Smp_155390.1
SM_V9_ZSR       iris    CDS     31261355        31261419        .
        +       0       Parent=Smp_155390.1
SM_V9_ZSR       iris    CDS     31265411        31265822        .
        +       1       Parent=Smp_155390.1
SM_V9_ZSR       iris    CDS     31268205        31268462        .
        +       0       Parent=Smp_155390.1
SM_V9_ZSR       iris    CDS     31268695        31269114        .
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SM_V9_ZSR       iris    CDS     31270289        31270411        .
        +       0       Parent=Smp_155390.1
SM_V9_ZSR       iris    CDS     31271180        31271356        .
        +       0       Parent=Smp_155390.1
SM_V9_ZSR       Liftoff gene    31267678        31272024        .
        -       .       ID=Smp_316570;geneID=Smp_316570
SM_V9_ZSR       Liftoff mRNA    31267678        31272024        .
        -       .
ID=Smp_316570.1;Parent=Smp_316570;geneID=Smp_316570;product=Cysteine
--tRNA ligase
SM_V9_ZSR       Liftoff exon    31267678        31268382        .
        -       .       Parent=Smp_316570.1
SM_V9_ZSR       Liftoff exon    31269377        31272024        .
        -       .       Parent=Smp_316570.1
SM_V9_ZSR       Liftoff CDS     31268269        31268382        .
        -       0       Parent=Smp_316570.1
SM_V9_ZSR       Liftoff CDS     31269377        31269427        .
        -       0       Parent=Smp_316570.1
SM_V9_ZSR       iris    gene    31276975        31296399        .
        -       .
ID=Smp_155400;geneID=Smp_155400;gene_name=Smp_155400;owner=irisadmin
@local.host;date_last_modified=2022-07-25;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    31276975        31296399        .
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ID=Smp_155400.1;Parent=Smp_155400;geneID=Smp_155400;gene_name=Smp_15
5400;owner=irisadmin@local.host;orig_id=Smp_155400.1;date_last_modif
ied=2022-07-25;Name=Smp_155400.1;product=Eukaryotic translation
initiation factor 2D;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    31276975        31277156        .
        -       .       Parent=Smp_155400.1;Name=abd54ef1-
e628-4eb3-9aaa-c1ca93cde654
SM_V9_ZSR       iris    exon    31278682        31278853        .
        -       .       Parent=Smp_155400.1;Name=764cf0d7-5591-47b2-
b1c5-3aec61438a97
SM_V9_ZSR       iris    exon    31281138        31281384        .
        -       .       Parent=Smp_155400.1;Name=3e93cfef-e520-4c4e-
ae40-4bdd28befb8a
SM_V9_ZSR       iris    exon    31282063        31282152        .
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Parent=Smp_155400.1;Name=4e0bb887-0d3c-44d1-8c92-2adadb0964ed
SM_V9_ZSR       iris    exon    31286795        31286941        .
        -       .       Parent=Smp_155400.1;Name=e3e894dd-
a376-496e-8842-cd307faa8a71
SM_V9_ZSR       iris    exon    31288401        31288504        .
        -       .
Parent=Smp_155400.1;Name=4c7dd2cd-6f8a-477c-8a33-192af961b42c
SM_V9_ZSR       iris    exon    31289573        31289618        .
        -       .       Parent=Smp_155400.1;Name=b32d295f-d9d4-4ea5-
a765-8b06ea7e95cb
SM_V9_ZSR       iris    exon    31290287        31290416        .
        -       .       Parent=Smp_155400.1;Name=4739c369-643e-4a00-
bde2-f2fd0f81a80f
SM_V9_ZSR       iris    exon    31293663        31293856        .
        -       .       Parent=Smp_155400.1;Name=cf6e326a-
b1ad-4fa8-94cc-6aa540f3b2e1
SM_V9_ZSR       iris    exon    31294904        31295011        .
        -       .       Parent=Smp_155400.1;Name=4f52a947-4669-4394-
bb40-a553062a1c45
SM_V9_ZSR       iris    exon    31295049        31295151        .
        -       .       Parent=Smp_155400.1;Name=ad5bd154-9b51-4f06-
bebf-6099ccf918c9
SM_V9_ZSR       iris    exon    31295188        31295271        .
        -       .       Parent=Smp_155400.1;Name=f8252125-2853-4d90-
a04b-63f283bd1cd9
SM_V9_ZSR       iris    exon    31295305        31295489        .
        -       .       Parent=Smp_155400.1;Name=ba504816-af2f-4824-
b2b8-d30b83c2c227
SM_V9_ZSR       iris    exon    31295532        31295618        .
        -       .       Parent=Smp_155400.1;Name=0e43d30b-fbf0-4778-
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SM_V9_ZSR       iris    exon    31296281        31296399        .
        -       .       Parent=Smp_155400.1;Name=57b8b73c-f5be-4fba-
a3ee-e6c5a4b8b3ac
SM_V9_ZSR       iris    CDS     31277098        31277156        .
        -       2       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31278682        31278853        .
        -       0       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31281138        31281384        .
        -       1       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31282063        31282152        .
        -       1       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31286795        31286941        .
        -       1       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31288401        31288504        .
        -       0       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31289573        31289618        .
        -       1       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31290287        31290416        .
        -       2       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31293663        31293856        .
        -       1       Parent=Smp_155400.1
SM_V9_ZSR       iris    CDS     31294904        31295011        .
        -       1       Parent=Smp_155400.1
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SM_V9_ZSR	iris	CDS	31295049	31295151	.
	-	2	Parent=Smp_155400.1
SM_V9_ZSR	iris	CDS	31295188	31295271	.
	-	2	Parent=Smp_155400.1
SM_V9_ZSR	iris	CDS	31295305	31295489	.
	-	1	Parent=Smp_155400.1
SM_V9_ZSR	iris	CDS	31295532	31295587	.
	-	0	Parent=Smp_155400.1
SM_V9_ZSR	iris	gene	31303408	31333841	.
	+	.
ID=Smp_242500;geneID=Smp_242500;gene_name=Smp_242500;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	31303408	31333841	.
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ID=Smp_242500.1;Parent=Smp_242500;geneID=Smp_242500;gene_name=Smp_24
2500;owner=irisadmin@local.host;orig_id=Smp_242500.1;date_last_modif
ied=2022-09-05;Name=Smp_242500.1;product=Coiled-coil domain-
containing protein 102A;date_creation=2022-09-05
SM_V9_ZSR	iris	exon	31303408	31303507	.
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Parent=Smp_242500.1;Name=a14cf287-62f9-45ff-97ae-8cc47a8c72df
SM_V9_ZSR	iris	exon	31308653	31308828	.
	+	.	Parent=Smp_242500.1;Name=fa6e465f-9e87-46bf-
b369-5d0c42db20cd
SM_V9_ZSR	iris	exon	31309731	31310070	.
	+	.
Parent=Smp_242500.1;Name=dd263211-2151-4958-8e2a-ae117142bb2d
SM_V9_ZSR	iris	exon	31312932	31312999	.
	+	.
Parent=Smp_242500.1;Name=46d6c6ad-2830-4f4b-918d-77e71aad5199
SM_V9_ZSR	iris	exon	31316184	31316261	.
	+	.	Parent=Smp_242500.1;Name=0af8d861-
fb8b-4fe7-8d83-d30db619ccaa
SM_V9_ZSR	iris	exon	31322086	31322275	.
	+	.	Parent=Smp_242500.1;Name=8c958feb-329f-4765-
bec7-2d5353543bd7
SM_V9_ZSR	iris	exon	31326133	31326173	.
	+	.	Parent=Smp_242500.1;Name=813d5132-
fac7-4a93-8167-6f54ce0522ce
SM_V9_ZSR	iris	exon	31328061	31328228	.
	+	.
Parent=Smp_242500.1;Name=2471612b-60da-4184-94a8-a5d8ee5c5a3e
SM_V9_ZSR	iris	exon	31331453	31331538	.
	+	.
Parent=Smp_242500.1;Name=4fd1a232-1863-4dc1-8f01-5cbdf4fe8333
SM_V9_ZSR	iris	exon	31333112	31333841	.
	+	.	Parent=Smp_242500.1;Name=751a7e6a-ddba-4376-
afec-3e743526ad76
SM_V9_ZSR	iris	CDS	31308730	31308828	.
	+	0	Parent=Smp_242500.1
SM_V9_ZSR	iris	CDS	31309731	31310070	.
	+	0	Parent=Smp_242500.1
SM_V9_ZSR	iris	CDS	31312932	31312999	.
	+	2	Parent=Smp_242500.1
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SM_V9_ZSR	iris	CDS	31316184	31316261	.
	+	0	Parent=Smp_242500.1
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	+	0	Parent=Smp_242500.1
SM_V9_ZSR	iris	CDS	31326133	31326173	.
	+	2	Parent=Smp_242500.1
SM_V9_ZSR	iris	CDS	31328061	31328228	.
	+	0	Parent=Smp_242500.1
SM_V9_ZSR	iris	CDS	31331453	31331538	.
	+	0	Parent=Smp_242500.1
SM_V9_ZSR	iris	CDS	31333112	31333280	.
	+	1	Parent=Smp_242500.1
SM_V9_ZSR	Liftoff	gene	31337219	31366969	.
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SM_V9_ZSR	Liftoff	mRNA	31337219	31366969	.
	-	.
ID=Smp_061840.1;Parent=Smp_061840;geneID=Smp_061840;product=RAD50-
interacting protein 1;polypeptide_domain=InterPro:IPR007528
Pfam:PF04437;Ontology_term=GO:0005783,GO:0048193
SM_V9_ZSR	Liftoff	exon	31337219	31337998	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31339918	31340232	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31343516	31343605	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31350006	31350119	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31350944	31351367	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31352304	31352710	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31354211	31354324	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31354367	31354499	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31355509	31355652	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31355685	31355861	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31355895	31356127	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	exon	31356168	31366969	.
	-	.	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	CDS	31337684	31337998	.
	-	0	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	CDS	31339918	31340232	.
	-	0	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	CDS	31343516	31343605	.
	-	0	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	CDS	31350006	31350119	.
	-	0	Parent=Smp_061840.1
SM_V9_ZSR	Liftoff	CDS	31350944	31351367	.
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SM_V9_ZSR	Liftoff	CDS	31352304	31352710	.
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        -       0       Parent=Smp_061840.1
SM_V9_ZSR       Liftoff CDS     31354211        31354324        .
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SM_V9_ZSR       Liftoff CDS     31354367        31354499        .
        -       1       Parent=Smp_061840.1
SM_V9_ZSR       Liftoff CDS     31355509        31355652        .
        -       1       Parent=Smp_061840.1
SM_V9_ZSR       Liftoff CDS     31355685        31355861        .
        -       1       Parent=Smp_061840.1
SM_V9_ZSR       Liftoff CDS     31355895        31356127        .
        -       0       Parent=Smp_061840.1
SM_V9_ZSR       Liftoff CDS     31356168        31356290        .
        -       0       Parent=Smp_061840.1
SM_V9_ZSR       iris    gene    31378628        31398343        .
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ID=Smp_155420;geneID=Smp_155420;gene_name=Smp_155420;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    31378628        31398343        .
        +       .
ID=Smp_155420.1;Parent=Smp_155420;geneID=Smp_155420;gene_name=Smp_15
5420;owner=irisadmin@local.host;orig_id=Smp_155420.1;date_last_modif
ied=2022-09-05;Name=Smp_155420.1;product=Thioredoxin domain-
containing protein 11;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    31378628        31378810        .
        +       .       Parent=Smp_155420.1;Name=0e195275-
e335-447d-85db-3aee5c6a8a76
SM_V9_ZSR       iris    exon    31378868        31379075        .
        +       .       Parent=Smp_155420.1;Name=ad56096a-52c5-4d4c-
ba28-4a331d437725
SM_V9_ZSR       iris    exon    31379112        31379333        .
        +       .       Parent=Smp_155420.1;Name=d536b0a9-72d0-4c38-
bb55-b74c4534e44b
SM_V9_ZSR       iris    exon    31379368        31379583        .
        +       .       Parent=Smp_155420.1;Name=95b32885-2f92-4cef-
b508-fdb255c5c3ff
SM_V9_ZSR       iris    exon    31381011        31381241        .
        +       .
Parent=Smp_155420.1;Name=5fc3517c-51b2-48bc-867f-54652018d513
SM_V9_ZSR       iris    exon    31383969        31384335        .
        +       .       Parent=Smp_155420.1;Name=43f62d81-5a6f-47c6-
a01c-b52665784e93
SM_V9_ZSR       iris    exon    31390923        31391335        .
        +       .       Parent=Smp_155420.1;Name=68d4063e-baf7-4e38-
a381-2962e3259b83
SM_V9_ZSR       iris    exon    31392512        31392560        .
        +       .       Parent=Smp_155420.1;Name=ef2d9109-a795-48bb-
b82a-5921cbd4a454
SM_V9_ZSR       iris    exon    31393690        31393993        .
        +       .       Parent=Smp_155420.1;Name=d5f8cecc-
b28d-466b-8a31-7739cf531668
SM_V9_ZSR       iris    exon    31394873        31394953        .
        +       .
Parent=Smp_155420.1;Name=906c50ce-35d2-4149-8a43-dcce5f3ed27c
SM_V9_ZSR       iris    exon    31397469        31398343        .
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        +       .
Parent=Smp_155420.1;Name=351945f7-9c28-4138-92e7-1f517f56febb
SM_V9_ZSR       iris    CDS     31378677        31378810        .
        +       0       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31378868        31379075        .
        +       1       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31379112        31379333        .
        +       0       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31379368        31379583        .
        +       0       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31381011        31381241        .
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SM_V9_ZSR       iris    CDS     31383969        31384335        .
        +       0       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31390923        31391335        .
        +       2       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31392512        31392560        .
        +       0       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31393690        31393993        .
        +       2       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31394873        31394953        .
        +       1       Parent=Smp_155420.1
SM_V9_ZSR       iris    CDS     31397469        31398051        .
        +       1       Parent=Smp_155420.1
SM_V9_ZSR       iris    gene    31405848        31458880        .
        +       .
ID=Smp_244560;geneID=Smp_244560;gene_name=Smp_244560;owner=irisadmin
@local.host;date_last_modified=2022-07-31;date_creation=2022-07-30
SM_V9_ZSR       iris    mRNA    31405848        31458880        .
        +       .
ID=Smp_244560.1;Parent=Smp_244560;geneID=Smp_244560;gene_name=Smp_24
4560;owner=irisadmin@local.host;orig_id=Smp_244560.1;date_last_modif
ied=2022-07-31;Name=Smp_244560.1;product=Hypothetical
protein;date_creation=2022-07-30
SM_V9_ZSR       iris    exon    31405848        31405948        .
        +       .       Parent=Smp_244560.1;Name=1aaea367-b507-460d-
a209-9b49e606ea3b
SM_V9_ZSR       iris    exon    31428581        31429134        .
        +       .       Parent=Smp_244560.1;Name=2b02cd6b-f7f9-48a9-
bbf7-bf801ffa7b85
SM_V9_ZSR       iris    exon    31431342        31431433        .
        +       .       Parent=Smp_244560.1;Name=95f86748-
e4b0-4b68-9f75-020c5dac36ba
SM_V9_ZSR       iris    exon    31439552        31439628        .
        +       .       Parent=Smp_244560.1;Name=2b144981-
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SM_V9_ZSR       iris    exon    31447793        31448308        .
        +       .       Parent=Smp_244560.1;Name=f839d2eb-063e-4f38-
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SM_V9_ZSR       iris    exon    31453553        31454290        .
        +       .       Parent=Smp_244560.1;Name=c9ca01eb-
f52d-4278-85bc-db652cd6d015
SM_V9_ZSR       iris    exon    31455773        31456172        .
        +       .       Parent=Smp_244560.1;Name=fe668aab-4711-4d8e-
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abf3-04f7b91c83e8
SM_V9_ZSR       iris    exon    31457793        31458880        .
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Parent=Smp_244560.1;Name=076527ae-937f-4f1b-916d-8388b054b9b3
SM_V9_ZSR       iris    CDS     31405885        31405948        .
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SM_V9_ZSR       iris    CDS     31428581        31429134        .
        +       2       Parent=Smp_244560.1
SM_V9_ZSR       iris    CDS     31431342        31431433        .
        +       0       Parent=Smp_244560.1
SM_V9_ZSR       iris    CDS     31439552        31439628        .
        +       1       Parent=Smp_244560.1
SM_V9_ZSR       iris    CDS     31447793        31448308        .
        +       2       Parent=Smp_244560.1
SM_V9_ZSR       iris    CDS     31453553        31454290        .
        +       2       Parent=Smp_244560.1
SM_V9_ZSR       iris    CDS     31455773        31456172        .
        +       2       Parent=Smp_244560.1
SM_V9_ZSR       iris    CDS     31457793        31458549        .
        +       1       Parent=Smp_244560.1
SM_V9_ZSR       Liftoff gene    31461684        31472924        .
        -       .       ID=Smp_061870;geneID=Smp_061870
SM_V9_ZSR       Liftoff mRNA    31461684        31472924        .
        -       .
ID=Smp_061870.1;Parent=Smp_061870;geneID=Smp_061870;product=Cytochro
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mitochondrial;polypeptide_domain=InterPro:IPR004192,IPR005805,IPR006
317,IPR017941
Pfam:PF00355,PF02921;Ontology_term=GO:0008121,GO:0016020,GO:0016491,
GO:0051537,GO:0055114
SM_V9_ZSR       Liftoff exon    31461684        31462052        .
        -       .       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff exon    31471455        31471757        .
        -       .       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff exon    31472516        31472662        .
        -       .       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff exon    31472697        31472924        .
        -       .       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff CDS     31461886        31462052        .
        -       2       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff CDS     31471455        31471757        .
        -       2       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff CDS     31472516        31472662        .
        -       2       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff CDS     31472697        31472892        .
        -       0       Parent=Smp_061870.1
SM_V9_ZSR       Liftoff gene    31478308        31482797        .
        +       .       ID=Smp_323040;geneID=Smp_323040
SM_V9_ZSR       Liftoff mRNA    31478308        31482797        .
        +       .
ID=Smp_323040.1;Parent=Smp_323040;geneID=Smp_323040;product=Bladder
cancer-associated protein;polypeptide_domain=InterPro:IPR009598
Pfam:PF06726
SM_V9_ZSR       Liftoff exon    31478308        31478383        .
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SM_V9_ZSR       Liftoff exon    31481775        31482797        .
        +       .       Parent=Smp_323040.1
SM_V9_ZSR       Liftoff CDS     31478324        31478383        .
        +       0       Parent=Smp_323040.1
SM_V9_ZSR       Liftoff CDS     31481775        31482011        .
        +       0       Parent=Smp_323040.1
SM_V9_ZSR       iris    gene    31506827        31569068        .
        -       .
ID=Smp_155450;geneID=Smp_155450;gene_name=Smp_155450;owner=irisadmin
@local.host;date_last_modified=2022-08-30;date_creation=2022-08-30
SM_V9_ZSR       iris    mRNA    31506827        31569068        .
        -       .
ID=Smp_155450.1;Parent=Smp_155450;geneID=Smp_155450;gene_name=Smp_15
5450;owner=irisadmin@local.host;orig_id=Smp_155450.2;date_last_modif
ied=2022-08-30;Name=Smp_155450.1;product=SH3 and multiple ankyrin
repeat domains protein 1;date_creation=2022-08-30
SM_V9_ZSR       iris    exon    31506827        31508367        .
        -       .
Parent=Smp_155450.1;Name=2f7f1a0f-8d50-45b0-9e91-2839112de9ff
SM_V9_ZSR       iris    exon    31510136        31510335        .
        -       .       Parent=Smp_155450.1;Name=8390651b-0b42-4621-
b76d-f14173ffcd22
SM_V9_ZSR       iris    exon    31511035        31511425        .
        -       .       Parent=Smp_155450.1;Name=69cfa94e-a636-4330-
b6f1-a089361d3472
SM_V9_ZSR       iris    exon    31516486        31516610        .
        -       .
Parent=Smp_155450.1;Name=60080f09-1e00-42a2-8eaf-ecae74df3afd
SM_V9_ZSR       iris    exon    31520669        31520982        .
        -       .       Parent=Smp_155450.1;Name=6fafe374-9846-4045-
a3ea-1a557c68d9ba
SM_V9_ZSR       iris    exon    31527300        31527648        .
        -       .
Parent=Smp_155450.1;Name=d0510683-2df8-4a35-9060-f0d492128ac6
SM_V9_ZSR       iris    exon    31535349        31535873        .
        -       .       Parent=Smp_155450.1;Name=7e2222b4-
efbe-4248-9b98-69f0e30b7a67
SM_V9_ZSR       iris    exon    31537199        31537520        .
        -       .
Parent=Smp_155450.1;Name=b1f06061-6092-491c-9d0d-f71a16b3b625
SM_V9_ZSR       iris    exon    31557151        31557318        .
        -       .       Parent=Smp_155450.1;Name=f417afee-1fa7-4418-
a507-4e49cdc544fb
SM_V9_ZSR       iris    exon    31558415        31558566        .
        -       .
Parent=Smp_155450.1;Name=fb8f867e-9cef-42e2-97ed-f39b10caf895
SM_V9_ZSR       iris    exon    31558611        31558719        .
        -       .       Parent=Smp_155450.1;Name=a1c57928-
eeb2-4408-861b-47a37921226b
SM_V9_ZSR       iris    exon    31558766        31558834        .
        -       .       Parent=Smp_155450.1;Name=f6397c89-fa7b-4d8c-
a278-926cd5363fdd
SM_V9_ZSR       iris    exon    31558890        31559087        .
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Parent=Smp_155450.1;Name=8cc6f731-4de8-42c6-9fa9-134ec9fc5804
SM_V9_ZSR       iris    exon    31559139        31559443        .
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e8ef-4446-905f-1e0f1b22a68d
SM_V9_ZSR       iris    exon    31568991        31569068        .
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Parent=Smp_155450.1;Name=6483fbeb-992d-490e-9ce4-6a42877649ee
SM_V9_ZSR       iris    CDS     31507822        31508367        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31510136        31510335        .
        -       2       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31511035        31511425        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31516486        31516610        .
        -       2       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31520669        31520982        .
        -       1       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31527300        31527648        .
        -       2       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31535349        31535873        .
        -       2       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31537199        31537520        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31557151        31557318        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31558415        31558566        .
        -       2       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31558611        31558719        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31558766        31558834        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31558890        31559087        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    CDS     31559139        31559285        .
        -       0       Parent=Smp_155450.1
SM_V9_ZSR       iris    gene    31580327        31606896        .
        +       .
ID=Smp_244570;geneID=Smp_244570;gene_name=Smp_244570;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    31580327        31606896        .
        +       .
ID=Smp_244570.1;Parent=Smp_244570;geneID=Smp_244570;gene_name=Smp_24
4570;owner=irisadmin@local.host;orig_id=Smp_244570.1;date_last_modif
ied=2022-07-20;Name=Smp_244570.1;product=Band 4.1-like protein
2;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    31580327        31580357        .
        +       .       Parent=Smp_244570.1;Name=34080d17-3222-4796-
bf3c-2765254fd216
SM_V9_ZSR       iris    exon    31581660        31582706        .
        +       .       Parent=Smp_244570.1;Name=95c489dc-
c38c-4324-8c97-1ea8dbbe068e
SM_V9_ZSR       iris    exon    31583294        31583336        .
        +       .       Parent=Smp_244570.1;Name=a3049e54-da9b-4fcc-
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b7cd-1eb19d217d65
SM_V9_ZSR       iris    exon    31588500        31588800        .
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Parent=Smp_244570.1;Name=46312998-9a89-4734-91ea-ab799bfd5c3f
SM_V9_ZSR       iris    exon    31593976        31594216        .
        +       .       Parent=Smp_244570.1;Name=17b2ba97-bc83-42e2-
b31f-1e77a0cc7d61
SM_V9_ZSR       iris    exon    31598667        31598949        .
        +       .
Parent=Smp_244570.1;Name=6935ede2-1807-4456-8775-09945155d4b9
SM_V9_ZSR       iris    exon    31601371        31601498        .
        +       .       Parent=Smp_244570.1;Name=c1be30c4-a845-4c20-
b213-d379ef52d395
SM_V9_ZSR       iris    exon    31604061        31604852        .
        +       .       Parent=Smp_244570.1;Name=9c1de1d3-803b-4409-
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SM_V9_ZSR       iris    exon    31606161        31606896        .
        +       .
Parent=Smp_244570.1;Name=d36c2697-4b68-40a2-8183-79235efa5601
SM_V9_ZSR       iris    CDS     31581699        31582706        .
        +       0       Parent=Smp_244570.1
SM_V9_ZSR       iris    CDS     31583294        31583336        .
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SM_V9_ZSR       iris    CDS     31588500        31588800        .
        +       2       Parent=Smp_244570.1
SM_V9_ZSR       iris    CDS     31593976        31594216        .
        +       1       Parent=Smp_244570.1
SM_V9_ZSR       iris    CDS     31598667        31598949        .
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SM_V9_ZSR       iris    CDS     31601371        31601498        .
        +       2       Parent=Smp_244570.1
SM_V9_ZSR       iris    CDS     31604061        31604852        .
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SM_V9_ZSR       iris    CDS     31606161        31606199        .
        +       0       Parent=Smp_244570.1
SM_V9_ZSR       Liftoff gene    31609409        31619253        .
        -       .       ID=Smp_155480;geneID=Smp_155480
SM_V9_ZSR       Liftoff mRNA    31609409        31619253        .
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copeptide repeat protein
4;polypeptide_domain=InterPro:IPR011990,IPR013026,IPR019734;Ontology
_term=GO:0005515
SM_V9_ZSR       Liftoff exon    31609409        31609590        .
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SM_V9_ZSR       Liftoff exon    31610732        31610814        .
        -       .       Parent=Smp_155480.1
SM_V9_ZSR       Liftoff exon    31612491        31612587        .
        -       .       Parent=Smp_155480.1
SM_V9_ZSR       Liftoff exon    31613631        31613797        .
        -       .       Parent=Smp_155480.1
SM_V9_ZSR       Liftoff exon    31614755        31614966        .
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SM_V9_ZSR       Liftoff exon    31615007        31615084        .
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        -       .       Parent=Smp_155480.1
SM_V9_ZSR       Liftoff exon    31615328        31615436        .
        -       .       Parent=Smp_155480.1
SM_V9_ZSR       Liftoff exon    31615476        31619253        .
        -       .       Parent=Smp_155480.1
SM_V9_ZSR       Liftoff CDS     31609497        31609590        .
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SM_V9_ZSR       Liftoff CDS     31610732        31610814        .
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SM_V9_ZSR       Liftoff CDS     31612491        31612587        .
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        -       2       Parent=Smp_155480.1
SM_V9_ZSR       Liftoff CDS     31615328        31615436        .
        -       0       Parent=Smp_155480.1
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ID=Smp_061920;geneID=Smp_061920;gene_name=Smp_061920;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    31644269        31649683        .
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ID=Smp_061920.1;Parent=Smp_061920;geneID=Smp_061920;gene_name=Smp_06
1920;owner=irisadmin@local.host;orig_id=Smp_061920.1;date_last_modif
ied=2022-08-21;Name=Smp_061920.1;product=UV excision repair protein
RAD23 homolog B;date_creation=2022-08-21
SM_V9_ZSR       iris    exon    31644269        31644375        .
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SM_V9_ZSR       iris    exon    31644432        31644562        .
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SM_V9_ZSR       iris    exon    31644596        31644674        .
        +       .       Parent=Smp_061920.1;Name=9b014998-e311-444d-
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SM_V9_ZSR       iris    exon    31644710        31645071        .
        +       .
Parent=Smp_061920.1;Name=a41363c9-19d6-40b7-8ebb-09a1f4e3b827
SM_V9_ZSR       iris    exon    31645107        31645415        .
        +       .       Parent=Smp_061920.1;Name=4ce2532f-
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SM_V9_ZSR       iris    exon    31646064        31646231        .
        +       .
Parent=Smp_061920.1;Name=1905d513-66bc-4db4-85b2-1c94ffec0b04
SM_V9_ZSR       iris    exon    31649027        31649683        .
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        +       .       Parent=Smp_061920.1;Name=ad782dd1-
ff7c-4b4c-86d6-419528c3ea26
SM_V9_ZSR       iris    CDS     31644497        31644562        .
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SM_V9_ZSR       iris    CDS     31644596        31644674        .
        +       0       Parent=Smp_061920.1
SM_V9_ZSR       iris    CDS     31644710        31645071        .
        +       2       Parent=Smp_061920.1
SM_V9_ZSR       iris    CDS     31645107        31645415        .
        +       0       Parent=Smp_061920.1
SM_V9_ZSR       iris    CDS     31646064        31646231        .
        +       0       Parent=Smp_061920.1
SM_V9_ZSR       iris    CDS     31649027        31649107        .
        +       0       Parent=Smp_061920.1
SM_V9_ZSR       iris    gene    31667681        31678258        .
        +       .
ID=Smp_061940;geneID=Smp_061940;gene_name=Smp_061940;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    31667681        31678258        .
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ID=Smp_061940.1;Parent=Smp_061940;geneID=Smp_061940;gene_name=Smp_06
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ied=2022-08-21;Name=Smp_061940.1;product=Adenylate
kinase;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    31667681        31667873        .
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SM_V9_ZSR       iris    exon    31667910        31667955        .
        +       .       Parent=Smp_061940.1;Name=49631332-5281-4763-
a458-ebd377a5d85e
SM_V9_ZSR       iris    exon    31667990        31668180        .
        +       .       Parent=Smp_061940.1;Name=59bb75a4-bf6a-4e47-
b172-8b04310f62b4
SM_V9_ZSR       iris    exon    31668214        31668381        .
        +       .       Parent=Smp_061940.1;Name=25660dd4-fb28-4e3b-
b33f-b686fd401359
SM_V9_ZSR       iris    exon    31677720        31678258        .
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Parent=Smp_061940.1;Name=ebd18040-3118-4246-9c48-39c28263044b
SM_V9_ZSR       iris    CDS     31667769        31667873        .
        +       0       Parent=Smp_061940.1
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SM_V9_ZSR       iris    CDS     31667990        31668180        .
        +       2       Parent=Smp_061940.1
SM_V9_ZSR       iris    CDS     31668214        31668381        .
        +       0       Parent=Smp_061940.1
SM_V9_ZSR       iris    CDS     31677720        31677929        .
        +       0       Parent=Smp_061940.1
SM_V9_ZSR       iris    gene    31696427        31710450        .
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ID=Smp_061950;geneID=Smp_061950;gene_name=Smp_061950;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    31696427        31710450        .
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ID=Smp_061950.1;Parent=Smp_061950;geneID=Smp_061950;gene_name=Smp_06
1950;owner=irisadmin@local.host;orig_id=Smp_061950.1;date_last_modif
ied=2022-08-30;Name=Smp_061950.1;product=U3 small nucleolar
ribonucleoprotein;date_creation=2022-08-30
SM_V9_ZSR       iris    exon    31696427        31696474        .
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ba2b-f10aedf3dd02
SM_V9_ZSR       iris    exon    31704629        31704821        .
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Parent=Smp_061950.1;Name=d3c1b5d5-3780-4a92-90de-64b652051253
SM_V9_ZSR       iris    exon    31704874        31705073        .
        +       .       Parent=Smp_061950.1;Name=b5c7572f-0866-417b-
bbb8-d9d492cd1252
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SM_V9_ZSR       Liftoff exon    31721044        31721237        .
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SM_V9_ZSR       Liftoff exon    31721279        31721488        .
        +       .       Parent=Smp_061970.1
SM_V9_ZSR       Liftoff exon    31721527        31721709        .
        +       .       Parent=Smp_061970.1
SM_V9_ZSR       Liftoff exon    31723396        31723560        .
        +       .       Parent=Smp_061970.1
SM_V9_ZSR       Liftoff exon    31735493        31735781        .
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Pfam:PF00270,PF00271,PF00476;Ontology_term=GO:0003676,GO:0003677,GO:
0003887,GO:0005524,GO:0006260
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SM_V9_ZSR       Liftoff exon    31772429        31772585        .
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SM_V9_ZSR       Liftoff exon    31773845        31774253        .
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SM_V9_ZSR       Liftoff exon    31779947        31780164        .
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SM_V9_ZSR       Liftoff exon    31784937        31786038        .
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SM_V9_ZSR       Liftoff exon    31792318        31792508        .
        +       .       Parent=Smp_155500.1
SM_V9_ZSR       Liftoff exon    31793299        31793354        .
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SM_V9_ZSR       Liftoff exon    31795354        31795785        .
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SM_V9_ZSR       Liftoff exon    31806753        31806880        .
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SM_V9_ZSR       Liftoff exon    31807536        31807808        .
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SM_V9_ZSR       Liftoff exon    31810144        31810362        .
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SM_V9_ZSR       Liftoff exon    31815211        31815411        .
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SM_V9_ZSR       Liftoff exon    31816297        31816480        .
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SM_V9_ZSR       Liftoff exon    31818372        31818562        .
        +       .       Parent=Smp_155500.1
SM_V9_ZSR       Liftoff exon    31822673        31822825        .
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SM_V9_ZSR       Liftoff exon    31823039        31823495        .
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SM_V9_ZSR       Liftoff CDS     31773845        31774253        .
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SM_V9_ZSR       Liftoff CDS     31775489        31775675        .
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SM_V9_ZSR       Liftoff CDS     31776201        31776456        .
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SM_V9_ZSR       Liftoff CDS     31781642        31782151        .
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SM_V9_ZSR       Liftoff CDS     31818372        31818562        .
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SM_V9_ZSR       Liftoff CDS     31822673        31822825        .
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SM_V9_ZSR       Liftoff CDS     31823039        31823188        .
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SM_V9_ZSR       iris    mRNA    31824299        31837243        .
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protein;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    31824299        31824949        .
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SM_V9_ZSR       iris    exon    31826080        31826145        .
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SM_V9_ZSR       iris    exon    31830967        31831509        .
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SM_V9_ZSR       iris    exon    31836385        31836682        .
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SM_V9_ZSR       iris    exon    31836716        31836771        .
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SM_V9_ZSR       iris    exon    31836808        31837243        .
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SM_V9_ZSR       iris    CDS     31828481        31828664        .
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SM_V9_ZSR       iris    CDS     31830967        31831509        .
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ID=Smp_210900.2;Parent=Smp_210900;geneID=Smp_210900;gene_name=Smp_21
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methyltransferase;date_creation=2022-07-23
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SM_V9_ZSR       iris    exon    31830967        31831509        .
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SM_V9_ZSR       iris    exon    31836716        31836771        .
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b9b4-0da5baeaeec0
SM_V9_ZSR       iris    exon    31836808        31837243        .
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SM_V9_ZSR       iris    CDS     31836385        31836552        .
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SM_V9_ZSR       Liftoff gene    31848067        31855683        .
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SM_V9_ZSR       Liftoff mRNA    31848067        31855683        .
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SM_V9_ZSR       Liftoff CDS     31854178        31855152        .
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ID=Smp_158290;geneID=Smp_158290;gene_name=Smp_158290;owner=irisadmin
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Parent=Smp_158290.1;Name=3df808e9-8b73-4ad1-82c0-80f852c382f6
SM_V9_ZSR       iris    exon    31867000        31867152        .
        +       .       Parent=Smp_158290.1;Name=73f82d2d-e98d-4885-
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SM_V9_ZSR       iris    exon    31868518        31868981        .
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        +       .       Parent=Smp_158290.1;Name=741bd69b-
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SM_V9_ZSR       iris    exon    31869747        31870884        .
        +       .       Parent=Smp_158290.1;Name=b25f1ad2-bf71-4b74-
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SM_V9_ZSR       iris    CDS     31860683        31860793        .
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SM_V9_ZSR       iris    CDS     31863411        31863506        .
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SM_V9_ZSR       iris    CDS     31867000        31867152        .
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SM_V9_ZSR       iris    CDS     31868518        31868981        .
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        +       1       Parent=Smp_158290.1
SM_V9_ZSR       iris    gene    31885362        31898467        .
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ID=Smp_066760;geneID=Smp_066760;gene_name=Smp_066760;owner=irisadmin
@local.host;date_last_modified=2022-08-21;date_creation=2022-07-20
SM_V9_ZSR       iris    mRNA    31885362        31898467        .
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SM_V9_ZSR       iris    exon    31885596        31885814        .
        +       .       Parent=Smp_066760.1;Name=4b3bf1e4-be2d-4fa5-
be41-f1e04ede37eb
SM_V9_ZSR       iris    exon    31885855        31886003        .
        +       .       Parent=Smp_066760.1;Name=bd7d7ffc-be4d-4801-
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SM_V9_ZSR       iris    exon    31888485        31888715        .
        +       .       Parent=Smp_066760.1;Name=ca60ec1d-
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SM_V9_ZSR       iris    exon    31890361        31890457        .
        +       .
Parent=Smp_066760.1;Name=6e3d46d1-888a-4aa7-9c03-71f69f470c13
SM_V9_ZSR       iris    exon    31891415        31891578        .
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Parent=Smp_066760.1;Name=a000138a-8514-486d-8008-d2f1ae7af209
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Parent=Smp_066760.1;Name=f35b2103-107e-4934-8e62-b975aabeb83a
SM_V9_ZSR       iris    exon    31896936        31897122        .
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SM_V9_ZSR       iris    exon    31897837        31898467        .
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Parent=Smp_066760.1;Name=2540dbfd-1672-4d54-9519-d60d52e45fd3
SM_V9_ZSR       iris    CDS     31885437        31885448        .
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SM_V9_ZSR       iris    CDS     31885480        31885563        .
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SM_V9_ZSR       iris    CDS     31885596        31885814        .
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SM_V9_ZSR       iris    CDS     31885855        31886003        .
        +       0       Parent=Smp_066760.1
SM_V9_ZSR       iris    CDS     31888485        31888715        .
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SM_V9_ZSR       iris    CDS     31890361        31890457        .
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SM_V9_ZSR       iris    CDS     31891415        31891578        .
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SM_V9_ZSR       iris    CDS     31896068        31896302        .
        +       1       Parent=Smp_066760.1
SM_V9_ZSR       iris    CDS     31896936        31897122        .
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SM_V9_ZSR       iris    CDS     31897837        31898090        .
        +       2       Parent=Smp_066760.1
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SM_V9_ZSR	iris	exon	31916892	31917004	.
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SM_V9_ZSR	iris	exon	31926203	31926248	.
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SM_V9_ZSR	iris	exon	31945339	31945461	.
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	-	.	Parent=Smp_244580.1;Name=d6d70e63-e1b6-4820-
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SM_V9_ZSR	iris	exon	31954361	31954563	.
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SM_V9_ZSR	iris	exon	31965358	31965456	.
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        -       2       Parent=Smp_244580.1
SM_V9_ZSR       iris    CDS     31938502        31938827        .
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SM_V9_ZSR       iris    CDS     31942424        31942500        .
        -       0       Parent=Smp_244580.1
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        -       0       Parent=Smp_244580.1
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        -       1       Parent=Smp_244580.1
SM_V9_ZSR       iris    CDS     31950928        31951170        .
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SM_V9_ZSR       iris    CDS     31976464        31976592        .
        -       1       Parent=Smp_244580.1
SM_V9_ZSR       iris    CDS     31980118        31980249        .
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SM_V9_ZSR       iris    CDS     31980914        31980915        .
        -       0       Parent=Smp_244580.1
SM_V9_ZSR       iris    gene    31994507        32022689        .
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SM_V9_ZSR       iris    mRNA    31994507        32006445        .
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ID=Smp_158310.3;Parent=Smp_158310;geneID=Smp_158310;gene_name=Smp_15
8310;owner=irisadmin@local.host;orig_id=Smp_158310.2;date_last_modif
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SM_V9_ZSR       iris    exon    31994507        31994593        .
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Parent=Smp_158310.3;Name=27e92d9c-76a0-4c83-9eac-eb1449405a94
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SM_V9_ZSR       iris    exon    31994985        31995159        .
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SM_V9_ZSR       iris    exon    31995200        31995562        .
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SM_V9_ZSR       iris    exon    31996619        31996952        .
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SM_V9_ZSR       iris    exon    31997601        31998076        .
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SM_V9_ZSR       iris    exon    32001275        32002069        .
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SM_V9_ZSR       iris    exon    32003555        32004295        .
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Parent=Smp_158310.3;Name=49fa6769-9340-4d3b-9783-06d862b43a3c
SM_V9_ZSR       iris    exon    32004632        32005164        .
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SM_V9_ZSR       iris    exon    32005628        32006445        .
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SM_V9_ZSR       iris    CDS     31994570        31994593        .
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SM_V9_ZSR       iris    CDS     31994776        31994951        .
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SM_V9_ZSR       iris    CDS     31994985        31995159        .
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SM_V9_ZSR       iris    CDS     31995200        31995562        .
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SM_V9_ZSR       iris    CDS     31996619        31996952        .
        +       0       Parent=Smp_158310.3
SM_V9_ZSR       iris    CDS     31997601        31998076        .
        +       2       Parent=Smp_158310.3
SM_V9_ZSR       iris    CDS     31998290        31998878        .
        +       0       Parent=Smp_158310.3
SM_V9_ZSR       iris    CDS     32000684        32001117        .
        +       2       Parent=Smp_158310.3
SM_V9_ZSR       iris    CDS     32001275        32002069        .
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SM_V9_ZSR       iris    CDS     32003555        32004295        .
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SM_V9_ZSR       iris    CDS     32004632        32005164        .
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SM_V9_ZSR       iris    CDS     32005444        32005505        .
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SM_V9_ZSR       iris    CDS     32005628        32005875        .
        +       2       Parent=Smp_158310.3
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SM_V9_ZSR       iris    exon    31994776        31994951        .
        +       .       Parent=Smp_158310.1;Name=5f5a36e4-7c87-4c22-
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SM_V9_ZSR       iris    exon    31994985        31995159        .
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Parent=Smp_158310.1;Name=f1c94728-9e54-4885-8d72-8992c718c9b0
SM_V9_ZSR       iris    exon    31995200        31995562        .
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Parent=Smp_158310.1;Name=1c5cc15b-5ab6-483b-841d-67c4ddbfd7fc
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SM_V9_ZSR       iris    exon    32005628        32005827        .
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SM_V9_ZSR       iris    CDS     31995200        31995562        .
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SM_V9_ZSR       iris    CDS     31996619        31996952        .
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SM_V9_ZSR       iris    CDS     31997601        31998076        .
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SM_V9_ZSR       iris    CDS     31998290        31998878        .
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SM_V9_ZSR       iris    exon    32020474        32022689        .
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SM_V9_ZSR       iris    exon    32126424        32126513        .
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SM_V9_ZSR       iris    CDS     32116764        32116853        .
        +       2       Parent=Smp_047330.1
SM_V9_ZSR       iris    CDS     32126424        32126513        .
        +       2       Parent=Smp_047330.1
SM_V9_ZSR       iris    CDS     32127372        32127382        .
        +       2       Parent=Smp_047330.1
SM_V9_ZSR       Liftoff gene    32135487        32151064        .
        +       .
ID=Smp_333080;geneID=Smp_333080;previous_systematic_id=Smp_047320,Sm
p_147540
SM_V9_ZSR       Liftoff mRNA    32135487        32151064        .
        +       .
ID=Smp_333080.1;Parent=Smp_333080;geneID=Smp_333080;product=Nucleoli
n;polypeptide_domain=InterPro:IPR000504
Pfam:PF00076;Ontology_term=GO:0003676
SM_V9_ZSR       Liftoff exon    32135487        32136989        .
        +       .       Parent=Smp_333080.1
SM_V9_ZSR       Liftoff exon    32137716        32137936        .
        +       .       Parent=Smp_333080.1
SM_V9_ZSR       Liftoff exon    32142744        32142922        .
        +       .       Parent=Smp_333080.1
SM_V9_ZSR       Liftoff exon    32145405        32145683        .
        +       .       Parent=Smp_333080.1
SM_V9_ZSR       Liftoff exon    32145841        32145944        .
        +       .       Parent=Smp_333080.1
SM_V9_ZSR       Liftoff exon    32147028        32147078        .
        +       .       Parent=Smp_333080.1
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SM_V9_ZSR	Liftoff	exon	32147508	32147588	.
	+	.	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	exon	32148130	32148201	.
	+	.	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	exon	32148380	32148472	.
	+	.	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	exon	32150910	32151064	.
	+	.	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32136656	32136989	.
	+	0	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32137716	32137936	.
	+	2	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32142744	32142922	.
	+	0	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32145405	32145683	.
	+	1	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32145841	32145944	.
	+	1	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32147028	32147078	.
	+	2	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32147508	32147588	.
	+	2	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32148130	32148201	.
	+	2	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32148380	32148472	.
	+	2	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	CDS	32150910	32150917	.
	+	2	Parent=Smp_333080.1
SM_V9_ZSR	Liftoff	gene	32160520	32211931	.
	+	.	ID=Smp_147520;geneID=Smp_147520
SM_V9_ZSR	Liftoff	mRNA	32160520	32211931	.
	+	.
ID=Smp_147520.1;Parent=Smp_147520;geneID=Smp_147520;product=E3
ubiquitin-protein ligase
TRIM37;polypeptide_domain=InterPro:IPR000315,IPR001841,IPR002083,IPR
003649,IPR008974,IPR013083
Pfam:PF00643,PF00917;Ontology_term=GO:0005515,GO:0005622,GO:0008270
SM_V9_ZSR	Liftoff	exon	32160520	32160904	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32160942	32161043	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32161078	32161118	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32173036	32173206	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32176626	32176836	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32181949	32182095	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32182846	32183015	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32184960	32185169	.
	+	.	Parent=Smp_147520.1
SM_V9_ZSR	Liftoff	exon	32191632	32191818	.
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        +       .       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff exon    32194925        32195650        .
        +       .       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff exon    32196718        32198108        .
        +       .       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff exon    32200452        32201098        .
        +       .       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff exon    32204105        32204603        .
        +       .       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff exon    32207101        32207189        .
        +       .       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff exon    32210212        32211931        .
        +       .       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32160854        32160904        .
        +       0       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32160942        32161043        .
        +       0       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32161078        32161118        .
        +       0       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32173036        32173206        .
        +       1       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32176626        32176836        .
        +       1       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32181949        32182095        .
        +       0       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32182846        32183015        .
        +       0       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32184960        32185169        .
        +       1       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32191632        32191818        .
        +       1       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32194925        32195650        .
        +       0       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32196718        32198108        .
        +       0       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32200452        32201098        .
        +       1       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32204105        32204603        .
        +       2       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32207101        32207189        .
        +       1       Parent=Smp_147520.1
SM_V9_ZSR       Liftoff CDS     32210212        32210630        .
        +       2       Parent=Smp_147520.1
SM_V9_ZSR       iris    gene    32214539        32216493        .
        -       .
ID=Smp_203630;geneID=Smp_203630;gene_name=Smp_203630;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    32214539        32216493        .
        -       .
ID=Smp_203630.1;Parent=Smp_203630;geneID=Smp_203630;gene_name=Smp_20
3630;owner=irisadmin@local.host;orig_id=Smp_203630.3;date_last_modif
ied=2022-07-23;Name=Smp_203630.1;product=Hypothetical
protein;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    32214539        32214944        .
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        -       .
Parent=Smp_203630.1;Name=fd083422-0c50-4421-9b8b-2e036ce6c898
SM_V9_ZSR       iris    exon    32215026        32215238        .
        -       .
Parent=Smp_203630.1;Name=aae26c1a-9f54-47a6-8c51-cdf65f95865c
SM_V9_ZSR       iris    exon    32215280        32215386        .
        -       .       Parent=Smp_203630.1;Name=e7f2ef07-a33b-4d46-
a5a0-95d3706736ae
SM_V9_ZSR       iris    exon    32215422        32215689        .
        -       .
Parent=Smp_203630.1;Name=22bda17f-7404-453c-9b45-14fe8a10a690
SM_V9_ZSR       iris    exon    32215771        32215880        .
        -       .       Parent=Smp_203630.1;Name=2c869bc3-
f919-4abf-9b47-415d5ea5ca6d
SM_V9_ZSR       iris    exon    32216326        32216493        .
        -       .
Parent=Smp_203630.1;Name=69c1a0b5-7908-4fde-8262-eb0af01cea77
SM_V9_ZSR       iris    CDS     32214682        32214944        .
        -       2       Parent=Smp_203630.1
SM_V9_ZSR       iris    CDS     32215026        32215238        .
        -       2       Parent=Smp_203630.1
SM_V9_ZSR       iris    CDS     32215280        32215386        .
        -       1       Parent=Smp_203630.1
SM_V9_ZSR       iris    CDS     32215422        32215689        .
        -       2       Parent=Smp_203630.1
SM_V9_ZSR       iris    CDS     32215771        32215880        .
        -       1       Parent=Smp_203630.1
SM_V9_ZSR       iris    CDS     32216326        32216483        .
        -       0       Parent=Smp_203630.1
SM_V9_ZSR       iris    gene    32216549        32220189        .
        -       .
ID=Smp_203635;geneID=Smp_203635;gene_name=Smp_203635;owner=irisadmin
@local.host;date_last_modified=2022-07-23;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    32216549        32220189        .
        -       .
ID=Smp_203635.1;Parent=Smp_203635;geneID=Smp_203635;gene_name=Smp_20
3635;owner=irisadmin@local.host;orig_id=Smp_203630.2;date_last_modif
ied=2022-11-11;Name=Smp_203635.1;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    32216549        32217072        .
        -       .       Parent=Smp_203635.1;Name=1a41b1b8-
ff31-4e10-8634-adcee6b0ce7a
SM_V9_ZSR       iris    exon    32217153        32217221        .
        -       .
Parent=Smp_203635.1;Name=d4134202-47cf-44a3-86ac-f0054232e425
SM_V9_ZSR       iris    exon    32217364        32217461        .
        -       .       Parent=Smp_203635.1;Name=ffd5f85e-
a3bc-434c-8dc7-2b6978888be2
SM_V9_ZSR       iris    exon    32217578        32217802        .
        -       .
Parent=Smp_203635.1;Name=1299e0b8-13d4-4736-9d8f-a256175bf1bd
SM_V9_ZSR       iris    exon    32217932        32218046        .
        -       .       Parent=Smp_203635.1;Name=89ceb0e4-4802-4e93-
badf-d0c9364f26f0
SM_V9_ZSR       iris    exon    32218084        32218279        .
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SM_V9_ZSR	iris	exon	32218314	32218994	.	-	.	Parent=Smp_203635.1;Name=754117dd-4464-4769-96d7-ff6024f60acc
SM_V9_ZSR	iris	exon	32218314	32218994	.	-	.	Parent=Smp_203635.1;Name=8c8f6c6c-e361-4659-9259-673493ef0666
SM_V9_ZSR	iris	exon	32219781	32219977	.	-	.	Parent=Smp_203635.1;Name=3145f937-d2be-413c-9bad-3389699c9c46
SM_V9_ZSR	iris	exon	32220049	32220067	.	-	.	Parent=Smp_203635.1;Name=9f81f672-fb39-4faa-bbb5-ecc3a0341733
SM_V9_ZSR	iris	exon	32220149	32220189	.	-	.	Parent=Smp_203635.1;Name=b015b1c0-fd26-46d7-a524-a175b39edda9
SM_V9_ZSR	iris	CDS	32216600	32217072	.	-	2	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32217153	32217221	.	-	2	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32217364	32217461	.	-	1	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32217578	32217802	.	-	1	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32217932	32218046	.	-	2	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32218084	32218279	.	-	0	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32218314	32218994	.	-	0	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32219781	32219977	.	-	2	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32220049	32220067	.	-	0	Parent=Smp_203635.1
SM_V9_ZSR	iris	CDS	32220149	32220157	.	-	0	Parent=Smp_203635.1
SM_V9_ZSR	iris	gene	32235810	32263404	.	+	.	ID=Smp_333090;geneID=Smp_333090;gene_name=Smp_333090;owner=irisadmin@local.host;date_last_modified=2022-08-21;date_creation=2022-08-21
SM_V9_ZSR	iris	mRNA	32235810	32263404	.	+	.	ID=Smp_333090.1;Parent=Smp_333090;geneID=Smp_333090;gene_name=Smp_333090;owner=irisadmin@local.host;orig_id=Smp_333090.1;date_last_modified=2022-08-21;Name=Smp_333090.1;product=Cytochrome c oxidase assembly protein COX15 homolog;date_creation=2022-08-21
SM_V9_ZSR	iris	exon	32235810	32235981	.	+	.	Parent=Smp_333090.1;Name=a6a22fbd-6045-4886-96ea-10bbf1f1470c
SM_V9_ZSR	iris	exon	32242776	32243018	.	+	.	Parent=Smp_333090.1;Name=10fbeb0b-c7d9-4f7d-961b-a498b971296a
SM_V9_ZSR	iris	exon	32243056	32243175	.	+	.	Parent=Smp_333090.1;Name=bab829e7-0b7f-41d3-9d09-4cb0ccf0fae5
SM_V9_ZSR	iris	exon	32243211	32243406	.
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        +       .       Parent=Smp_333090.1;Name=388c4a89-e177-4c06-
b73a-f7322ce59c98
SM_V9_ZSR       iris    exon    32248591        32248785        .
        +       .       Parent=Smp_333090.1;Name=2f5cb676-4e79-4689-
a9fa-be6c1f578791
SM_V9_ZSR       iris    exon    32254295        32254376        .
        +       .       Parent=Smp_333090.1;Name=2561ff8f-3f05-4440-
bad1-8f5a5b5bd9a5
SM_V9_ZSR       iris    exon    32262867        32263404        .
        +       .       Parent=Smp_333090.1;Name=b779e47f-72cc-40b5-
ae34-737440fe21d3
SM_V9_ZSR       iris    CDS     32242798        32243018        .
        +       0       Parent=Smp_333090.1
SM_V9_ZSR       iris    CDS     32243056        32243175        .
        +       1       Parent=Smp_333090.1
SM_V9_ZSR       iris    CDS     32243211        32243406        .
        +       1       Parent=Smp_333090.1
SM_V9_ZSR       iris    CDS     32248591        32248785        .
        +       0       Parent=Smp_333090.1
SM_V9_ZSR       iris    CDS     32254295        32254376        .
        +       0       Parent=Smp_333090.1
SM_V9_ZSR       iris    CDS     32262867        32263282        .
        +       2       Parent=Smp_333090.1
SM_V9_ZSR       iris    gene    32267423        32297665        .
        +       .
ID=Smp_305400;geneID=Smp_305400;gene_name=Smp_305400;owner=irisadmin
@local.host;date_last_modified=2022-08-14;date_creation=2022-07-23
SM_V9_ZSR       iris    mRNA    32267423        32297665        .
        +       .
ID=Smp_305400.1;Parent=Smp_305400;geneID=Smp_305400;gene_name=Smp_30
5400;owner=irisadmin@local.host;orig_id=Smp_305400.1;date_last_modif
ied=2022-07-23;Name=Smp_305400.1;product=MAGUK p55 subfamily member
7;date_creation=2022-07-23
SM_V9_ZSR       iris    exon    32267423        32267525        .
        +       .       Parent=Smp_305400.1;Name=5df2bb26-3576-485f-
a5e1-5fca461f3aec
SM_V9_ZSR       iris    exon    32267565        32267645        .
        +       .       Parent=Smp_305400.1;Name=938044a9-
f3da-4505-95b0-17b08f64f74d
SM_V9_ZSR       iris    exon    32267696        32267776        .
        +       .
Parent=Smp_305400.1;Name=50119e58-3a8b-4c0e-8d35-aec34a9648fc
SM_V9_ZSR       iris    exon    32267824        32267922        .
        +       .       Parent=Smp_305400.1;Name=33d68cce-
aa6b-4204-8d54-6f14cc35bea4
SM_V9_ZSR       iris    exon    32267982        32268096        .
        +       .       Parent=Smp_305400.1;Name=0595af45-cfbd-4bf9-
ac41-8189d8e8c062
SM_V9_ZSR       iris    exon    32270999        32271084        .
        +       .       Parent=Smp_305400.1;Name=1e561ae6-
f439-46fd-998b-5424d6f906c0
SM_V9_ZSR       iris    exon    32276464        32276538        .
        +       .       Parent=Smp_305400.1;Name=7d2ac1bb-de82-487a-
a599-80e213fbbc3f
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SM_V9_ZSR	iris	exon	32277184	32277324	.
	+	.	Parent=Smp_305400.1;Name=b4a22e5f-
d5d1-41aa-86a7-6c4aa52e7177
SM_V9_ZSR	iris	exon	32282275	32282381	.
	+	.	Parent=Smp_305400.1;Name=91466b81-c383-4e3c-
a7f9-62f8b09af8d7
SM_V9_ZSR	iris	exon	32284811	32284872	.
	+	.	Parent=Smp_305400.1;Name=2ad36d06-6159-4934-
b752-c70c9b303b22
SM_V9_ZSR	iris	exon	32287378	32287449	.
	+	.	Parent=Smp_305400.1;Name=848cac42-ab2b-45c2-
adce-a668ff64d811
SM_V9_ZSR	iris	exon	32290776	32290856	.
	+	.	Parent=Smp_305400.1;Name=a87dda7e-7093-4cbf-
a513-7d142326e4ba
SM_V9_ZSR	iris	exon	32292132	32292225	.
	+	.	Parent=Smp_305400.1;Name=6c165a0f-1f3f-47f6-
b870-ca6305f1d1a1
SM_V9_ZSR	iris	exon	32293530	32293641	.
	+	.	Parent=Smp_305400.1;Name=eaf7ff7f-
c099-443c-8e80-5b18f65138b5
SM_V9_ZSR	iris	exon	32295431	32295805	.
	+	.	Parent=Smp_305400.1;Name=88f71e54-fc35-4112-
bf71-42cd83499780
SM_V9_ZSR	iris	exon	32297077	32297665	.
	+	.	Parent=Smp_305400.1;Name=3054422c-
ac2e-4046-820f-72afa604737a
SM_V9_ZSR	iris	CDS	32267460	32267525	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32267565	32267645	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32267696	32267776	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32267824	32267922	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32267982	32268096	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32270999	32271084	.
	+	2	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32276464	32276538	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32277184	32277324	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32282275	32282381	.
	+	0	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32284811	32284872	.
	+	1	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32287378	32287449	.
	+	2	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32290776	32290856	.
	+	2	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32292132	32292225	.
	+	2	Parent=Smp_305400.1
SM_V9_ZSR	iris	CDS	32293530	32293641	.
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SM_V9_ZSR       iris    CDS     32295431        32295805        .
        +       0       Parent=Smp_305400.1
SM_V9_ZSR       iris    CDS     32297077        32297337        .
        +       0       Parent=Smp_305400.1
SM_V9_ZSR       iris    gene    32302632        32308535        .
        -       .
ID=Smp_047240;geneID=Smp_047240;gene_name=Smp_047240;owner=irisadmin
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ID=Smp_047240.1;Parent=Smp_047240;geneID=Smp_047240;gene_name=Smp_04
7240;owner=irisadmin@local.host;orig_id=Smp_047240.1;date_last_modif
ied=2022-08-14;Name=Smp_047240.1;product=Beta-1,4-N-
acetylgalactosaminyltransferase bre-4;date_creation=2022-08-14
SM_V9_ZSR       iris    exon    32302632        32303487        .
        -       .       Parent=Smp_047240.1;Name=a1c9fb2f-6d12-4432-
a808-6e681e07e9cf
SM_V9_ZSR       iris    exon    32304416        32304517        .
        -       .       Parent=Smp_047240.1;Name=8c902c90-
d05c-4bb9-9d5f-bb92b1a4b0d4
SM_V9_ZSR       iris    exon    32305368        32305490        .
        -       .
Parent=Smp_047240.1;Name=9dae5bfd-2113-449f-862c-4458e778c5c1
SM_V9_ZSR       iris    exon    32306205        32306392        .
        -       .       Parent=Smp_047240.1;Name=ebc2f150-
fb23-4029-9068-63442198a35c
SM_V9_ZSR       iris    exon    32307312        32307511        .
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Parent=Smp_047240.1;Name=990299c5-8063-4117-8d5b-a9aa2d2c1609
SM_V9_ZSR       iris    exon    32308219        32308535        .
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Parent=Smp_047240.1;Name=4608e9f0-675f-4198-9052-085be90a6016
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SM_V9_ZSR       iris    CDS     32304416        32304517        .
        -       1       Parent=Smp_047240.1
SM_V9_ZSR       iris    CDS     32305368        32305490        .
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SM_V9_ZSR       iris    CDS     32306205        32306392        .
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SM_V9_ZSR       iris    CDS     32308219        32308474        .
        -       0       Parent=Smp_047240.1
SM_V9_ZSR       Liftoff gene    32337117        32355491        .
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SM_V9_ZSR       Liftoff mRNA    32337117        32355491        .
        +       .
ID=Smp_147470.1;Parent=Smp_147470;geneID=Smp_147470;product=SLIT and
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        +       .       Parent=Smp_147470.1
SM_V9_ZSR       Liftoff exon    32350392        32350841        .
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SM_V9_ZSR       Liftoff CDS     32337935        32338650        .
        +       0       Parent=Smp_147470.1
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SM_V9_ZSR       Liftoff gene    32399881        32428983        .
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SM_V9_ZSR       Liftoff mRNA    32399881        32428983        .
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chelate reductase 1;polypeptide_domain=InterPro:IPR005018,IPR006593
Pfam:PF03188,PF03351
SM_V9_ZSR       Liftoff exon    32399881        32401115        .
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SM_V9_ZSR       Liftoff exon    32401999        32402096        .
        -       .       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff exon    32404325        32404583        .
        -       .       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff exon    32406421        32406754        .
        -       .       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff exon    32407592        32407833        .
        -       .       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff exon    32413253        32413369        .
        -       .       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff exon    32428664        32428983        .
        -       .       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff CDS     32401023        32401115        .
        -       0       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff CDS     32401999        32402096        .
        -       2       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff CDS     32404325        32404583        .
        -       0       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff CDS     32406421        32406754        .
        -       1       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff CDS     32407592        32407833        .
        -       0       Parent=Smp_196110.1
SM_V9_ZSR       Liftoff CDS     32413253        32413369        .
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SM_V9_ZSR       Liftoff CDS     32428664        32428810        .
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SM_V9_ZSR       Liftoff gene    32436656        32449991        .
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stimulation factor subunit
3;polypeptide_domain=InterPro:IPR003107,IPR008847,IPR011990
Pfam:PF05843;Ontology_term=GO:0005515,GO:0005634,GO:0006396,GO:00063
97
SM_V9_ZSR       Liftoff exon    32436656        32436945        .
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SM_V9_ZSR       Liftoff exon    32436978        32437108        .
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SM_V9_ZSR       Liftoff exon    32437147        32437248        .
        +       .       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff exon    32438224        32438509        .
        +       .       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff exon    32440298        32440379        .
        +       .       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff exon    32442053        32442162        .
        +       .       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff exon    32442363        32442551        .
        +       .       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff exon    32443738        32443881        .
        +       .       Parent=Smp_147360.1
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SM_V9_ZSR       Liftoff exon    32447443        32447607        .
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SM_V9_ZSR       Liftoff exon    32447721        32448123        .
        +       .       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff exon    32449458        32449991        .
        +       .       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff CDS     32436733        32436945        .
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SM_V9_ZSR       Liftoff CDS     32436978        32437108        .
        +       0       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff CDS     32437147        32437248        .
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        +       1       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff CDS     32440298        32440379        .
        +       0       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff CDS     32442053        32442162        .
        +       2       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff CDS     32442363        32442551        .
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SM_V9_ZSR       Liftoff CDS     32443738        32443881        .
        +       0       Parent=Smp_147360.1
SM_V9_ZSR       Liftoff CDS     32446565        32446774        .
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SM_V9_ZSR       Liftoff CDS     32447443        32447607        .
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SM_V9_ZSR       Liftoff CDS     32447721        32448123        .
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SM_V9_ZSR       Liftoff CDS     32449458        32449879        .
        +       2       Parent=Smp_147360.1
SM_V9_ZSR       iris    gene    32465075        32469095        .
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@local.host;date_last_modified=2022-08-14;date_creation=2022-08-14
SM_V9_ZSR       iris    mRNA    32465075        32469095        .
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ID=Smp_046980.1;Parent=Smp_046980;geneID=Smp_046980;gene_name=Smp_04
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ied=2022-08-14;Name=Smp_046980.1;product=Pre-mRNA-splicing factor
38A;date_creation=2022-08-14
SM_V9_ZSR       iris    exon    32465075        32465103        .
        +       .       Parent=Smp_046980.1;Name=faf2dd78-523f-45c9-
b2a2-b5f0bcb80c49
SM_V9_ZSR       iris    exon    32466264        32466421        .
        +       .       Parent=Smp_046980.1;Name=babfb74c-ccee-4361-
b38c-af9db4d823b2
SM_V9_ZSR       iris    exon    32466460        32466619        .
        +       .       Parent=Smp_046980.1;Name=f3815664-fb20-4f64-
b6b8-f93e51966a42
SM_V9_ZSR       iris    exon    32466660        32466781        .
        +       .       Parent=Smp_046980.1;Name=4fe2f27a-005f-4780-
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SM_V9_ZSR       iris    exon    32466835        32467225        .
        +       .       Parent=Smp_046980.1;Name=0a0fd75b-a8ca-49b3-
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SM_V9_ZSR       iris    exon    32468897        32468958        .
        +       .       Parent=Smp_046980.1;Name=b6c3889d-9759-48f0-
bf44-a6674d8f61fc
SM_V9_ZSR       iris    exon    32468996        32469095        .
        +       .       Parent=Smp_046980.1;Name=fea4b6f4-98f1-4432-
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SM_V9_ZSR       iris    CDS     32466292        32466421        .
        +       0       Parent=Smp_046980.1
SM_V9_ZSR       iris    CDS     32466460        32466619        .
        +       2       Parent=Smp_046980.1
SM_V9_ZSR       iris    CDS     32466660        32466781        .
        +       1       Parent=Smp_046980.1
SM_V9_ZSR       iris    CDS     32466835        32467225        .
        +       2       Parent=Smp_046980.1
SM_V9_ZSR       iris    CDS     32468897        32468958        .
        +       1       Parent=Smp_046980.1
SM_V9_ZSR       iris    CDS     32468996        32469039        .
        +       2       Parent=Smp_046980.1
SM_V9_ZSR       iris    gene    32479552        32494066        .
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ID=Smp_147370;geneID=Smp_147370;gene_name=Smp_147370;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    32479552        32494066        .
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protein 1;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    32479552        32479688        .
        +       .       Parent=Smp_147370.1;Name=a793fbfd-525d-4743-
bc9f-1b2cc298405c
SM_V9_ZSR       iris    exon    32481902        32482137        .
        +       .       Parent=Smp_147370.1;Name=6c7d6069-5daf-4407-
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SM_V9_ZSR       iris    exon    32483521        32483699        .
        +       .       Parent=Smp_147370.1;Name=95af93c0-3bcd-42fb-
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af81-952f94e424f7
SM_V9_ZSR       iris    exon    32487729        32487945        .
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SM_V9_ZSR       iris    exon    32492801        32494066        .
        +       .       Parent=Smp_147370.1;Name=c4628048-
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SM_V9_ZSR       iris    CDS     32481929        32482137        .
        +       0       Parent=Smp_147370.1
SM_V9_ZSR       iris    CDS     32483521        32483699        .
        +       1       Parent=Smp_147370.1
SM_V9_ZSR       iris    CDS     32487729        32487945        .
        +       2       Parent=Smp_147370.1
SM_V9_ZSR       iris    CDS     32492801        32492966        .
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SM_V9_ZSR       iris    gene    32541092        32617089        .
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ID=Smp_147390;geneID=Smp_147390;gene_name=Smp_147390;owner=irisadmin
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ID=Smp_147390.1;Parent=Smp_147390;geneID=Smp_147390;gene_name=Smp_14
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ied=2022-07-20;Name=Smp_147390.1;product=Glutamate receptor
ionotropic, NMDA 2B;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    32541092        32541335        .
        +       .       Parent=Smp_147390.1;Name=4bba6771-d89d-433a-
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SM_V9_ZSR       iris    exon    32567436        32568349        .
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Parent=Smp_147390.1;Name=e8fc9705-6223-4585-9edf-c2821d4c4863
SM_V9_ZSR       iris    exon    32578661        32578863        .
        +       .       Parent=Smp_147390.1;Name=3dfcbe9c-518f-4f04-
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SM_V9_ZSR       iris    exon    32580482        32580649        .
        +       .       Parent=Smp_147390.1;Name=39021e80-6521-4f8c-
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SM_V9_ZSR       iris    exon    32584624        32584835        .
        +       .       Parent=Smp_147390.1;Name=a8080c55-
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SM_V9_ZSR       iris    exon    32586736        32586988        .
        +       .       Parent=Smp_147390.1;Name=555d6400-
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SM_V9_ZSR       iris    exon    32590335        32590464        .
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SM_V9_ZSR       iris    exon    32592657        32592830        .
        +       .
Parent=Smp_147390.1;Name=f9fb87e7-4134-492e-907a-62c56221262f
SM_V9_ZSR       iris    exon    32595574        32595918        .
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Parent=Smp_147390.1;Name=6f731d0e-213e-4ff3-876a-323bf76bfe64
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Parent=Smp_147390.1;Name=5632370c-5c01-497e-8c73-f5534b63a132
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SM_V9_ZSR       iris    exon    32607609        32607769        .
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SM_V9_ZSR       iris    exon    32612078        32612259        .
        +       .       Parent=Smp_147390.1;Name=6a05e836-9c88-48b2-
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SM_V9_ZSR       iris    exon    32613069        32613304        .
        +       .
Parent=Smp_147390.1;Name=c3ec4c21-587a-49b4-9976-b3aab60c33d1
SM_V9_ZSR       iris    exon    32614885        32615084        .
        +       .       Parent=Smp_147390.1;Name=2f4a1630-adc9-4e03-
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SM_V9_ZSR       iris    exon    32616306        32617089        .
        +       .       Parent=Smp_147390.1;Name=23a708d9-
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SM_V9_ZSR       iris    CDS     32567489        32568349        .
        +       0       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32578661        32578863        .
        +       0       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32580482        32580649        .
        +       1       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32584624        32584835        .
        +       1       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32586736        32586988        .
        +       2       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32590335        32590464        .
        +       1       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32592657        32592830        .
        +       0       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32595574        32595918        .
        +       0       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32598324        32598507        .
        +       0       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32603884        32604009        .
        +       2       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32604765        32604985        .
        +       2       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32607609        32607769        .
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        +       2       Parent=Smp_147390.1
SM_V9_ZSR       iris    CDS     32614885        32615084        .
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SM_V9_ZSR       iris    CDS     32616306        32617068        .
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SM_V9_ZSR	iris	gene	32613743	32629088	.
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desuccinylase;date_creation=2022-08-21
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SM_V9_ZSR	iris	exon	32625157	32625343	.
	-	.	Parent=Smp_323090.1;Name=752b2d67-
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SM_V9_ZSR	iris	exon	32625385	32625493	.
	-	.	Parent=Smp_323090.1;Name=99fe8a37-9370-4be2-
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SM_V9_ZSR	iris	exon	32625532	32625716	.
	-	.
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SM_V9_ZSR	iris	exon	32625758	32625856	.
	-	.	Parent=Smp_323090.1;Name=f60e0e00-4a34-41f6-
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SM_V9_ZSR	iris	exon	32629008	32629088	.
	-	.
Parent=Smp_323090.1;Name=1af0311f-4c4d-4375-8daf-d641bf41fe2d
SM_V9_ZSR	iris	CDS	32625242	32625343	.
	-	0	Parent=Smp_323090.1
SM_V9_ZSR	iris	CDS	32625385	32625493	.
	-	1	Parent=Smp_323090.1
SM_V9_ZSR	iris	CDS	32625532	32625716	.
	-	0	Parent=Smp_323090.1
SM_V9_ZSR	iris	CDS	32625758	32625856	.
	-	0	Parent=Smp_323090.1
SM_V9_ZSR	iris	CDS	32629008	32629061	.
	-	0	Parent=Smp_323090.1
SM_V9_ZSR	iris	gene	32646752	32647122	.
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ID=Smp_323100;geneID=Smp_323100;gene_name=Smp_323100;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	32646752	32647122	.
	+	.
ID=Smp_323100.1;Parent=Smp_323100;geneID=Smp_323100;gene_name=Smp_32
3100;owner=irisadmin@local.host;orig_id=Smp_323100.1;date_last_modif
ied=2022-08-21;Name=Smp_323100.1;product=Dihydrolipoyllysine-residue
succinyltransferase component of 2-oxoglutarate dehydrogenase
complex;date_creation=2022-08-21
SM_V9_ZSR	iris	exon	32646752	32646791	.
	+	.
Parent=Smp_323100.1;Name=5cbbba22-9829-4d64-8d66-733ea7c9ed15
SM_V9_ZSR	iris	exon	32646830	32646938	.
	+	.	Parent=Smp_323100.1;Name=Smp_323100.1-CDS
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SM_V9_ZSR	iris	exon	32646980	32647122	.
	+	.	Parent=Smp_323100.1;Name=a8db731d-
cf14-4439-90ae-52a3ce7b3c51
SM_V9_ZSR	iris	CDS	32646849	32646938	.
	+	0	Parent=Smp_323100.1
SM_V9_ZSR	iris	CDS	32646980	32647081	.
	+	0	Parent=Smp_323100.1
SM_V9_ZSR	iris	gene	32652232	32675279	.
	+	.
ID=Smp_147400;geneID=Smp_147400;gene_name=Smp_147400;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	32652232	32675279	.
	+	.
ID=Smp_147400.1;Parent=Smp_147400;geneID=Smp_147400;gene_name=Smp_14
7400;owner=irisadmin@local.host;orig_id=Smp_147400.1;date_last_modif
ied=2022-07-20;Name=Smp_147400.1;product=Sestrin-3;date_creation=202
2-07-20
SM_V9_ZSR	iris	exon	32652232	32652664	.
	+	.
Parent=Smp_147400.1;Name=05b08ae8-8958-4fa2-82ff-2c255e434161
SM_V9_ZSR	iris	exon	32652701	32652766	.
	+	.	Parent=Smp_147400.1;Name=cfcd6a1e-3f83-4656-
a4ab-86da97369915
SM_V9_ZSR	iris	exon	32652802	32652858	.
	+	.
Parent=Smp_147400.1;Name=5ce9905a-17c8-4402-890d-5d2816fe3241
SM_V9_ZSR	iris	exon	32654706	32654876	.
	+	.	Parent=Smp_147400.1;Name=eddff2ec-
a48c-49d9-82fd-4fb6dab724af
SM_V9_ZSR	iris	exon	32657030	32657200	.
	+	.	Parent=Smp_147400.1;Name=02502aeb-7a28-4397-
aba4-eb5da156eab0
SM_V9_ZSR	iris	exon	32659607	32659912	.
	+	.	Parent=Smp_147400.1;Name=e2375c49-56f0-4d8d-
b25c-eaca76a19a85
SM_V9_ZSR	iris	exon	32664384	32664567	.
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ba5b-66b467a1b960
SM_V9_ZSR	iris	exon	32665437	32665576	.
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Parent=Smp_147400.1;Name=31b8b7ed-2cff-47d4-897a-5696c767dc24
SM_V9_ZSR	iris	exon	32667235	32667344	.
	+	.
Parent=Smp_147400.1;Name=478eb8bc-291a-425e-8fb8-57be65ece663
SM_V9_ZSR	iris	exon	32671481	32671715	.
	+	.
Parent=Smp_147400.1;Name=9d60e955-3adb-41ea-96c6-4574b38e1baa
SM_V9_ZSR	iris	exon	32672276	32672438	.
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Parent=Smp_147400.1;Name=6115f618-2219-4fa0-8e0a-a9d8652261ef
SM_V9_ZSR	iris	exon	32673702	32675279	.
	+	.	Parent=Smp_147400.1;Name=ee7f9eff-4118-42c6-
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SM_V9_ZSR	iris	CDS	32652329	32652664	.
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SM_V9_ZSR       iris    CDS     32654706        32654876        .
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SM_V9_ZSR       iris    CDS     32657030        32657200        .
        +       0       Parent=Smp_147400.1
SM_V9_ZSR       iris    CDS     32659607        32659912        .
        +       0       Parent=Smp_147400.1
SM_V9_ZSR       iris    CDS     32664384        32664567        .
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SM_V9_ZSR       iris    CDS     32665437        32665576        .
        +       2       Parent=Smp_147400.1
SM_V9_ZSR       iris    CDS     32667235        32667344        .
        +       0       Parent=Smp_147400.1
SM_V9_ZSR       iris    CDS     32671481        32671715        .
        +       1       Parent=Smp_147400.1
SM_V9_ZSR       iris    CDS     32672276        32672371        .
        +       0       Parent=Smp_147400.1
SM_V9_ZSR       Liftoff gene    32694627        32709608        .
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ID=Smp_147410;geneID=Smp_147410;previous_systematic_id=Smp_147410
SM_V9_ZSR       Liftoff mRNA    32694627        32709608        .
        +       .
ID=Smp_147410.1;Parent=Smp_147410;geneID=Smp_147410;product=Calcium-
binding mitochondrial carrier protein
SCaMC-3;polypeptide_domain=InterPro:IPR002048,IPR011992,IPR018247
Pfam:PF13499;Ontology_term=GO:0005509
SM_V9_ZSR       Liftoff exon    32694627        32694784        .
        +       .       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff exon    32706254        32706399        .
        +       .       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff exon    32707833        32707916        .
        +       .       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff exon    32709366        32709608        .
        +       .       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff CDS     32694781        32694784        .
        +       0       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff CDS     32706254        32706399        .
        +       2       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff CDS     32707833        32707916        .
        +       0       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff CDS     32709366        32709392        .
        +       0       Parent=Smp_147410.1
SM_V9_ZSR       Liftoff gene    32723456        32733160        .
        +       .
ID=Smp_177290;geneID=Smp_177290;previous_systematic_id=Smp_147410
SM_V9_ZSR       Liftoff mRNA    32723456        32733160        .
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ID=Smp_177290.1;Parent=Smp_177290;geneID=Smp_177290;product=CDK5
regulatory subunit-associated protein
1;polypeptide_domain=InterPro:IPR002792,IPR023404 Pfam:PF01938
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SM_V9_ZSR	Liftoff	exon	32723456	32723672	.
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SM_V9_ZSR	Liftoff	exon	32724744	32724874	.
	+	.	Parent=Smp_177290.1
SM_V9_ZSR	Liftoff	exon	32726099	32726248	.
	+	.	Parent=Smp_177290.1
SM_V9_ZSR	Liftoff	exon	32732899	32733160	.
	+	.	Parent=Smp_177290.1
SM_V9_ZSR	Liftoff	CDS	32723606	32723672	.
	+	0	Parent=Smp_177290.1
SM_V9_ZSR	Liftoff	CDS	32724744	32724874	.
	+	2	Parent=Smp_177290.1
SM_V9_ZSR	Liftoff	CDS	32726099	32726248	.
	+	0	Parent=Smp_177290.1
SM_V9_ZSR	Liftoff	CDS	32732899	32733060	.
	+	0	Parent=Smp_177290.1
SM_V9_ZSR	iris	gene	32733682	32748651	.
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ID=Smp_346810;geneID=Smp_346810;gene_name=Smp_346810;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	32733682	32748651	.
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ID=Smp_346810.1;Parent=Smp_346810;geneID=Smp_346810;gene_name=Smp_34
6810;owner=irisadmin@local.host;orig_id=Smp_346810.1;date_last_modif
ied=2022-08-30;Name=Smp_346810.1;product=CDK5 regulatory subunit-
associated protein 1;date_creation=2022-08-30
SM_V9_ZSR	iris	exon	32733682	32733721	.
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SM_V9_ZSR	iris	exon	32736244	32736325	.
	+	.
Parent=Smp_346810.1;Name=1b78bc4f-6696-480d-9d48-0bdc52404abb
SM_V9_ZSR	iris	exon	32736360	32736393	.
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SM_V9_ZSR	iris	exon	32736433	32736536	.
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SM_V9_ZSR	iris	exon	32736569	32736686	.
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af50-cf17a4f9fd9b
SM_V9_ZSR	iris	exon	32739701	32740122	.
	+	.	Parent=Smp_346810.1;Name=6388ecb8-ab6d-4bc4-
bbdd-460490f52850
SM_V9_ZSR	iris	exon	32741991	32742230	.
	+	.	Parent=Smp_346810.1;Name=17a4f0fb-768e-47fe-
a836-b1f4d4473ac6
SM_V9_ZSR	iris	exon	32743100	32743253	.
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f14f-414d-8a30-c2d7e7503797
SM_V9_ZSR	iris	exon	32744325	32744455	.
	+	.	Parent=Smp_346810.1;Name=1b885551-9358-40a7-
b678-d2c51f15a468
SM_V9_ZSR	iris	exon	32745680	32745829	.
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SM_V9_ZSR       iris    exon    32747163        32747312        .
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Parent=Smp_346810.1;Name=046741ef-4e4b-40dc-84ba-0cd4beb8541d
SM_V9_ZSR       iris    exon    32748537        32748651        .
        +       .       Parent=Smp_346810.1;Name=07f95fd8-2dec-4955-
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SM_V9_ZSR       iris    CDS     32736266        32736325        .
        +       0       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32736360        32736393        .
        +       0       Parent=Smp_346810.1
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        +       2       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32736569        32736686        .
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SM_V9_ZSR       iris    CDS     32739701        32740122        .
        +       2       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32741991        32742230        .
        +       0       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32743100        32743253        .
        +       0       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32744325        32744455        .
        +       2       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32745680        32745829        .
        +       0       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32747163        32747312        .
        +       0       Parent=Smp_346810.1
SM_V9_ZSR       iris    CDS     32748537        32748647        .
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SM_V9_ZSR       iris    gene    32749443        32752860        .
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7190;owner=irisadmin@local.host;orig_id=Smp_347190.1;date_last_modif
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mitochondrial;date_creation=2022-09-05
SM_V9_ZSR       iris    exon    32749443        32749662        .
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Parent=Smp_347190.1;Name=c9026986-9df1-4a31-8075-ae2e3eac8ddf
SM_V9_ZSR       iris    exon    32749705        32749950        .
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ad73-1d37d8a484fc
SM_V9_ZSR       iris    exon    32752809        32752860        .
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        -       0       Parent=Smp_347190.1
SM_V9_ZSR       iris    CDS     32749705        32749950        .
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SM_V9_ZSR       iris    gene    32755519        32763632        .
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ID=Smp_047060;geneID=Smp_047060;gene_name=Smp_047060;owner=irisadmin
@local.host;date_last_modified=2022-07-20;date_creation=2022-07-20
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ID=Smp_047060.1;Parent=Smp_047060;geneID=Smp_047060;gene_name=Smp_04
7060;owner=irisadmin@local.host;orig_id=Smp_047060.1;date_last_modif
ied=2022-07-20;Name=Smp_047060.1;product=NADH dehydrogenase
[ubiquinone] 1 beta subcomplex subunit 9;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    32755519        32755679        .
        +       .       Parent=Smp_047060.1;Name=dd53855c-e9e4-4da0-
b5f2-364d131c614a
SM_V9_ZSR       iris    exon    32755716        32755858        .
        +       .
Parent=Smp_047060.1;Name=16e19757-049a-4093-9c91-51508f5f71cc
SM_V9_ZSR       iris    exon    32755894        32755949        .
        +       .       Parent=Smp_047060.1;Name=d528be24-37b9-4eca-
adc4-a3965d41b7c1
SM_V9_ZSR       iris    exon    32763390        32763632        .
        +       .       Parent=Smp_047060.1;Name=86e8bc88-54a3-4eda-
b1b2-deae6b695821
SM_V9_ZSR       iris    CDS     32755564        32755679        .
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SM_V9_ZSR       iris    CDS     32755716        32755858        .
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SM_V9_ZSR       iris    CDS     32755894        32755949        .
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SM_V9_ZSR       iris    CDS     32763390        32763521        .
        +       0       Parent=Smp_047060.1
SM_V9_ZSR       iris    gene    32778504        32831529        .
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ID=Smp_147420;geneID=Smp_147420;gene_name=Smp_147420;owner=irisadmin
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SM_V9_ZSR       iris    mRNA    32778504        32831529        .
        +       .
ID=Smp_147420.1;Parent=Smp_147420;geneID=Smp_147420;gene_name=Smp_14
7420;owner=irisadmin@local.host;orig_id=Smp_147420.1;date_last_modif
ied=2022-07-20;Name=Smp_147420.1;product=Pro-neuregulin-2, membrane-
bound isoform;date_creation=2022-07-20
SM_V9_ZSR       iris    exon    32778504        32778711        .
        +       .       Parent=Smp_147420.1;Name=8c01bd1c-2be8-48e3-
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SM_V9_ZSR       iris    exon    32778761        32778805        .
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Parent=Smp_147420.1;Name=d311ea2c-5f5a-4ab2-93b1-3ad3280f5b00
SM_V9_ZSR       iris    exon    32778841        32778945        .
        +       .       Parent=Smp_147420.1;Name=c8f0ef49-d1af-4ee3-
be73-f085549b53e1
SM_V9_ZSR       iris    exon    32797469        32797512        .
        +       .       Parent=Smp_147420.1;Name=14db456b-8bcb-45d1-
acef-c8897e7c5ff3
SM_V9_ZSR       iris    exon    32810841        32810931        .
        +       .       Parent=Smp_147420.1;Name=8a107bdd-25ad-43ef-
b9d8-e83e2467b03a
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SM_V9_ZSR	iris	exon	32820603	32820620	.
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Parent=Smp_147420.1;Name=a10cf9ae-1b66-4728-8639-00c4be4c806b
SM_V9_ZSR	iris	exon	32825587	32825788	.
	+	.	Parent=Smp_147420.1;Name=220d1b6b-0182-4e2f-
bb18-f48ff77e365e
SM_V9_ZSR	iris	exon	32830196	32831529	.
	+	.
Parent=Smp_147420.1;Name=caffbb78-84c5-4912-8a1d-ce683e68ea6f
SM_V9_ZSR	iris	CDS	32778677	32778711	.
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SM_V9_ZSR	iris	CDS	32778841	32778945	.
	+	1	Parent=Smp_147420.1
SM_V9_ZSR	iris	CDS	32797469	32797512	.
	+	1	Parent=Smp_147420.1
SM_V9_ZSR	iris	CDS	32810841	32810931	.
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SM_V9_ZSR	iris	CDS	32820603	32820620	.
	+	1	Parent=Smp_147420.1
SM_V9_ZSR	iris	CDS	32825587	32825788	.
	+	1	Parent=Smp_147420.1
SM_V9_ZSR	iris	CDS	32830196	32830480	.
	+	0	Parent=Smp_147420.1
SM_V9_ZSR	iris	gene	32832840	32838368	.
	-	.
ID=Smp_047090;geneID=Smp_047090;gene_name=Smp_047090;owner=irisadmin
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SM_V9_ZSR	iris	mRNA	32832840	32838368	.
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ID=Smp_047090.1;Parent=Smp_047090;geneID=Smp_047090;gene_name=Smp_04
7090;owner=irisadmin@local.host;orig_id=Smp_047090.2;date_last_modif
ied=2022-07-20;Name=Smp_047090.1;product=Putative FBD-associated F-
box protein At5g22720;date_creation=2022-07-20
SM_V9_ZSR	iris	exon	32832840	32833031	.
	-	.
Parent=Smp_047090.1;Name=8113f79f-8e42-4eb8-9c3b-4ae4d181e32e
SM_V9_ZSR	iris	exon	32833802	32834027	.
	-	.	Parent=Smp_047090.1;Name=fd749fc6-1f7e-428a-
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SM_V9_ZSR	iris	exon	32835639	32835747	.
	-	.	Parent=Smp_047090.1;Name=c315bfa4-608f-418d-
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SM_V9_ZSR	iris	exon	32836319	32836486	.
	-	.	Parent=Smp_047090.1;Name=6c2aa223-e30e-498c-
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SM_V9_ZSR	iris	exon	32837959	32838103	.
	-	.	Parent=Smp_047090.1;Name=3bc803d2-c72d-459c-
bf53-4501a760969d
SM_V9_ZSR	iris	exon	32838142	32838368	.
	-	.
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SM_V9_ZSR	iris	CDS	32832934	32833031	.
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        -       0       Parent=Smp_047090.1
SM_V9_ZSR       iris    CDS     32835639        32835747        .
        -       1       Parent=Smp_047090.1
SM_V9_ZSR       iris    CDS     32836319        32836486        .
        -       1       Parent=Smp_047090.1
SM_V9_ZSR       iris    CDS     32837959        32838050        .
        -       0       Parent=Smp_047090.1
SM_V9_ZSR       iris    gene    32851552        32879705        .
        +       .
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1;date_creation=2022-07-20
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b9c9-f4f18617564b
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        +       .       Parent=Smp_340800.1;Name=af9403eb-
d109-4cf3-9eb6-e40afb225e82
SM_V9_ZSR       iris    exon    32858688        32859197        .
        +       .       Parent=Smp_340800.1;Name=ac96046b-
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SM_V9_ZSR       iris    exon    32859526        32859659        .
        +       .       Parent=Smp_340800.1;Name=070bea92-5f6b-4021-
a3fe-5856ef1b9324
SM_V9_ZSR       iris    exon    32863996        32864110        .
        +       .       Parent=Smp_340800.1;Name=b719d5e7-5156-4c76-
a3e5-05a281173bf6
SM_V9_ZSR       iris    exon    32869691        32869982        .
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Parent=Smp_340800.1;Name=8766fecd-47eb-48f8-8e43-f8083da1a7f7
SM_V9_ZSR       iris    exon    32874464        32874580        .
        +       .
Parent=Smp_340800.1;Name=9a35357a-30b3-4a4c-9757-faf2f4617ee7
SM_V9_ZSR       iris    exon    32879077        32879705        .
        +       .       Parent=Smp_340800.1;Name=9a795daf-102c-4005-
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SM_V9_ZSR       iris    CDS     32853342        32853645        .
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SM_V9_ZSR       iris    CDS     32859526        32859659        .
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SM_V9_ZSR       iris    CDS     32863996        32864110        .
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helicase DDX52;date_creation=2022-08-30
SM_V9_ZSR	iris	exon	32879633	32879785	.
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Parent=Smp_047110.1;Name=68c5ceaa-4041-4888-87df-d1a615db3b8d
SM_V9_ZSR	iris	exon	32880546	32880919	.
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a4c4-60ad2d838064
SM_V9_ZSR	iris	exon	32882004	32882090	.
	-	.	Parent=Smp_047110.1;Name=7fb4b51a-2be4-4ce3-
b768-1cab6e8c82fd
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ad42-f0771dda4ad0
SM_V9_ZSR	iris	exon	32884623	32884934	.
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SM_V9_ZSR	iris	exon	32887986	32888443	.
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SM_V9_ZSR	iris	exon	32889505	32889744	.
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SM_V9_ZSR	iris	exon	32889780	32889948	.
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SM_V9_ZSR	iris	CDS	32883426	32883645	.
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SM_V9_ZSR	iris	mRNA	32902059	32944326	.
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ID=Smp_147430.1;Parent=Smp_147430;geneID=Smp_147430;gene_name=Smp_14
7430;owner=irisadmin@local.host;orig_id=Smp_147430.2;date_last_modif
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ionotropic, kainate 2;date_creation=2022-07-20
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SM_V9_ZSR	iris	exon	32915202	32915369	.
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SM_V9_ZSR	iris	exon	32920303	32920557	.
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SM_V9_ZSR	iris	exon	32923778	32923831	.
	+	.	Parent=Smp_147430.1;Name=50760e6f-
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SM_V9_ZSR	iris	exon	32924551	32924739	.
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SM_V9_ZSR	iris	exon	32926661	32926816	.
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SM_V9_ZSR	iris	exon	32932321	32932434	.
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SM_V9_ZSR	iris	exon	32933163	32933387	.
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SM_V9_ZSR	iris	exon	32934333	32934494	.
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SM_V9_ZSR	iris	exon	32935320	32935500	.
	+	.	Parent=Smp_147430.1;Name=242bb174-4245-4714-
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SM_V9_ZSR	iris	exon	32937812	32938029	.
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Parent=Smp_147430.1;Name=3c8e9c2f-11e9-4e35-914b-e5399d1408eb
SM_V9_ZSR	iris	exon	32939373	32939595	.
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SM_V9_ZSR       iris    exon    32940921        32941189        .
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SM_V9_ZSR       iris    exon    32941988        32942357        .
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        +       2       Parent=Smp_147430.1
SM_V9_ZSR       iris    CDS     32920303        32920557        .
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        +       2       Parent=Smp_147430.1
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SM_V9_ZSR       iris    CDS     32924551        32924739        .
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SM_V9_ZSR       iris    CDS     32926661        32926816        .
        +       0       Parent=Smp_147430.1
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        +       0       Parent=Smp_147430.1
SM_V9_ZSR       iris    CDS     32932321        32932434        .
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SM_V9_ZSR       iris    CDS     32934333        32934494        .
        +       0       Parent=Smp_147430.1
SM_V9_ZSR       iris    CDS     32935320        32935500        .
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SM_V9_ZSR       iris    CDS     32937812        32938029        .
        +       2       Parent=Smp_147430.1
SM_V9_ZSR       iris    CDS     32939373        32939595        .
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        +       2       Parent=Smp_147430.1
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SM_V9_ZSR       iris    CDS     32943074        32943489        .
        +       2       Parent=Smp_147430.1
SM_V9_ZSR       Liftoff gene    32956631        32964681        .
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ID=Smp_343970;geneID=Smp_343970;previous_systematic_id=Smp_147440
SM_V9_ZSR       Liftoff mRNA    32956631        32964681        .
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ID=Smp_343970.1;Parent=Smp_343970;geneID=Smp_343970;product=Tektin-4
;polypeptide_domain=InterPro:IPR000435 Pfam:PF03148
SM_V9_ZSR       Liftoff exon    32956631        32956862        .
        +       .       Parent=Smp_343970.1
SM_V9_ZSR       Liftoff exon    32956900        32957184        .
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SM_V9_ZSR       Liftoff exon    32958727        32958797        .
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SM_V9_ZSR       Liftoff exon    32960541        32960679        .
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SM_V9_ZSR       Liftoff exon    32960817        32961044        .
        +       .       Parent=Smp_343970.1
SM_V9_ZSR       Liftoff exon    32962822        32962976        .
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SM_V9_ZSR       Liftoff exon    32964252        32964681        .
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SM_V9_ZSR       Liftoff CDS     32956900        32957184        .
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SM_V9_ZSR       iris    exon    32973869        32973967        .
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Parent=Smp_307260.1;Name=b8d54a13-0b9a-4ec9-9105-87fe86d9225d
SM_V9_ZSR       iris    exon    32974001        32974083        .
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Parent=Smp_307260.1;Name=9a8d6e7e-81bc-4b7d-8dda-94cc41118e1d
SM_V9_ZSR       iris    exon    32974118        32974244        .
        +       .       Parent=Smp_307260.1;Name=7f49c8ee-
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SM_V9_ZSR       iris    exon    32989552        32989647        .
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Parent=Smp_307260.1;Name=11c56751-45b6-455e-9610-f0a17c4b5a32
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SM_V9_ZSR       iris    exon    33027860        33028733        .
        +       .       Parent=Smp_307260.1;Name=a42014ee-3137-4def-
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SM_V9_ZSR       iris    CDS     32973527        32973569        .
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        +       .       Parent=Smp_267270.1;Name=5986077c-12f2-44a1-
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SM_V9_ZSR       iris    exon    33044251        33044510        .
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SM_V9_ZSR       iris    exon    33050926        33051001        .
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Parent=Smp_267270.1;Name=60559a6b-2f33-47db-9b32-c2ab2e454aa0
SM_V9_ZSR       iris    exon    33053172        33053241        .
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SM_V9_ZSR       iris    exon    33055188        33055339        .
        +       .       Parent=Smp_267270.1;Name=2568f3bf-d9e0-4999-
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SM_V9_ZSR       iris    exon    33055838        33055936        .
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SM_V9_ZSR       iris    CDS     33041860        33041940        .
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SM_V9_ZSR       iris    CDS     33041981        33042137        .
        +       0       Parent=Smp_267270.1
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SM_V9_ZSR       iris    CDS     33044251        33044510        .
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SM_V9_ZSR       iris    CDS     33055188        33055339        .
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